

OUTSTANDING STEWARDSHIP AWARD









Solar Array

The roof of this brewery is covered in a 7x1 grid of 63 solar panels. Each panel works by allowing photons, or particles of light, to knock electrons free from atoms, generating a flow of electricity (according to enr.com). The Metal Blade Solar Array is capable of producing 22 kilowatts and is expandable to 48 kilowatts, enough to power four average-sized houses.

The food's recall is fresh, clean beer that tastes better when brewed by the Sun!

*Engineered by Cape Fear Solar Systems

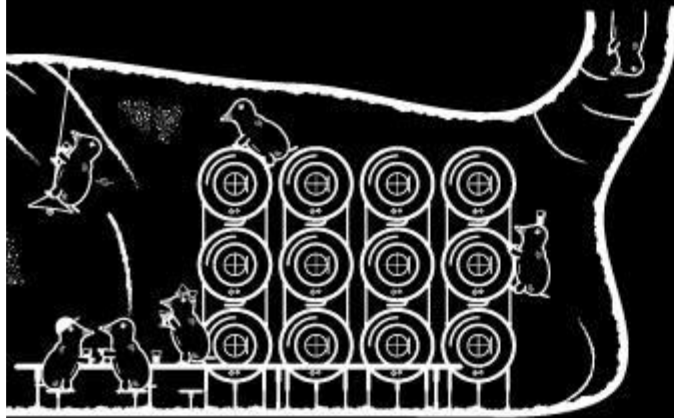






MAD MOLE BREWING

Commercial Site



MAD MOLE

BREWING

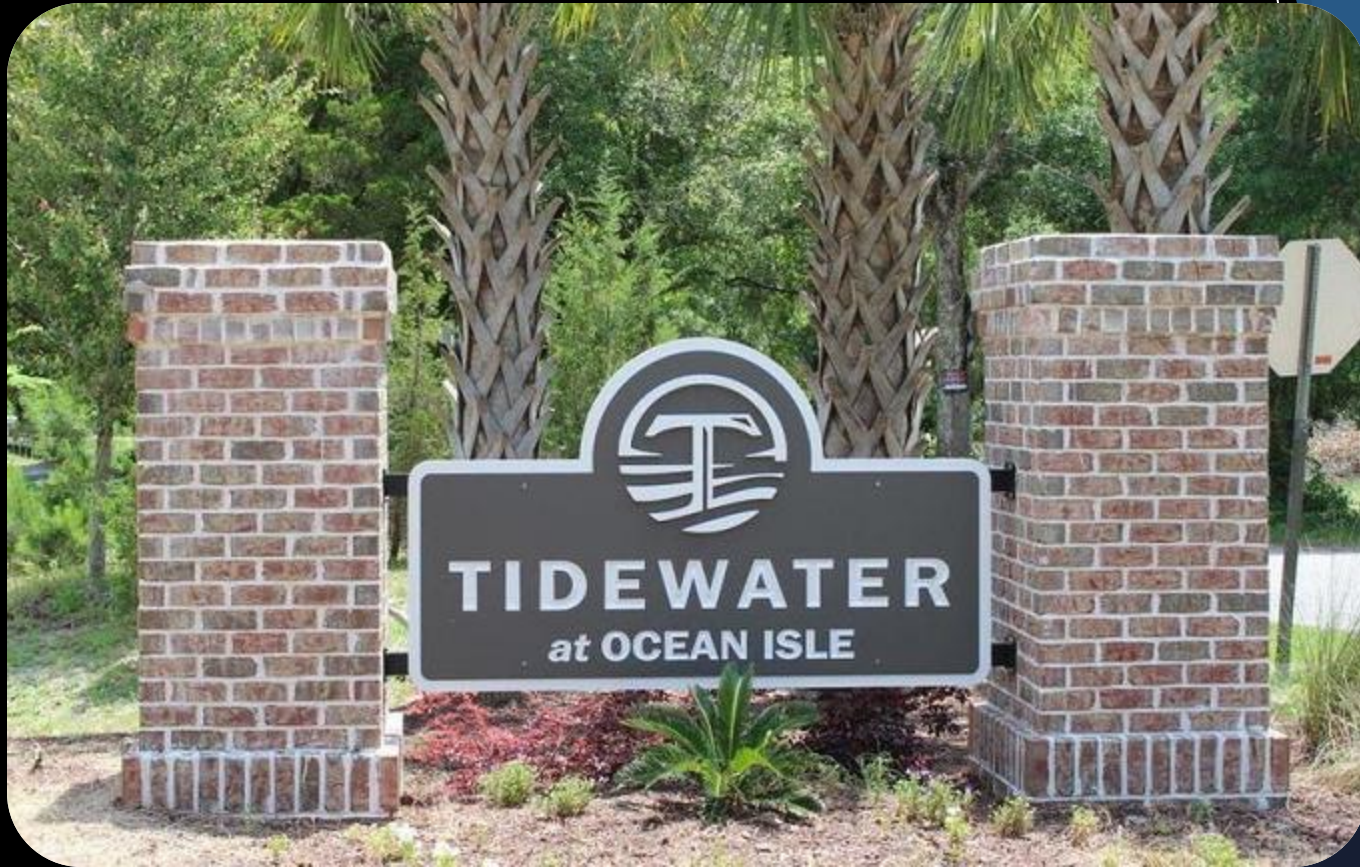
BREWED BY THE SUN

BREWED BY THE SUN

LOWER CAPE FEAR STEWARDSHIP DEVELOPMENT AWARDS

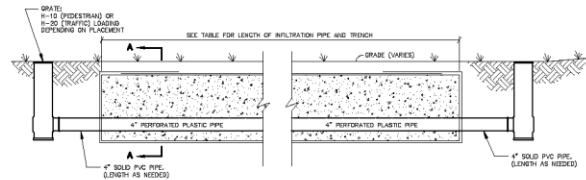
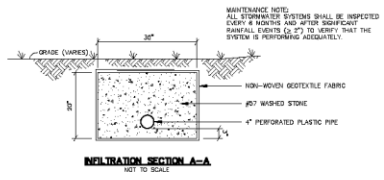


MARCH 21, 2024









NOTES

- THIS PLAN SHEET IS AN EXHIBIT FOR THE EXISTING STORMWATER TRENCH SYSTEM. TRENCH SYSTEM DATA FROM THIS PLAN SHEET TAKEN FROM THE EXISTING STORMWATER PLAN ON FILE AT ACCORD AND SITE INVESTIGATION.
- THE BOUNDARY INFORMATION AND TOPOGRAPHY SHOWN ON THIS PLAN SHEET WAS TAKEN FROM THE EXISTING STORMWATER PLAN ON FILE IN THE ACCORD FILES AND THE BOUNDARY COUNTY GIS SYSTEM. THIS BOUNDARY HAS NOT BEEN VERIFIED FOR ACCURACY.
- THE SITE DATA SHOWN ON THIS PLAN SHEET WAS TAKEN FROM THE EXISTING STORMWATER TRENCH SYSTEM AND MODIFIED TO REFLECT THE IMPERVIOUS AREA EXISTING ON SITE.

BUILT UPON AREA: 25.66 AC

PROPOSED BUILDINGS: 180,000 SF

EXISTING PERVIOUS ROADWAY (4.5004 SF): 30,732 SF

EXISTING PERVIOUS ROADWAY (COVERTED AS IMPERVIOUS): 94,153 SF

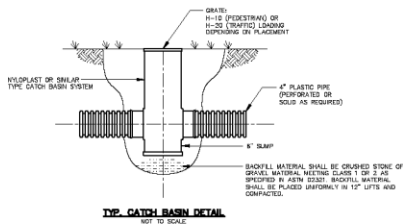
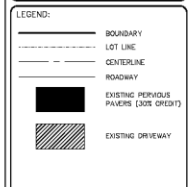
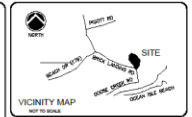
EXISTING DRIVEWAY: 3,071 SF

EXISTING SIDEWALK: 1,820 SF

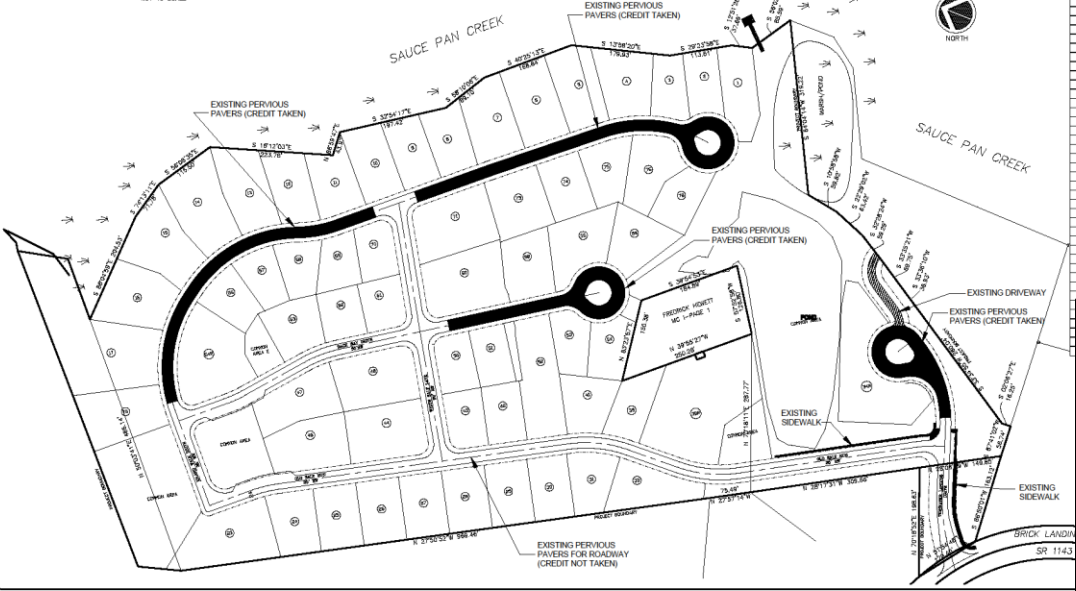
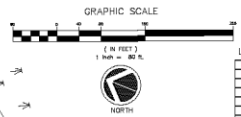
AMENITY: 681 SF

TOTAL IMPERVIOUS SURFACE: 279,437 SF

IMPERVIOUS PERCENTAGE: 35.0%



- INTEGRATION TRENCH DETAIL**
- NOT TO SCALE
- EACH LOT IS REQUIRED TO INSTALL LENGTH SHOWN ON TABLE OF INFILTRATION TRENCH PIPE TO COLLECT RUNOFF FROM THE IMPERVIOUS SURFACES.
 - ALL HOMES ARE TO BE EQUIPPED WITH OUTLETS AND REFORMERS TO MATCH THE PERVIOUS AREAS. ARE TO BE CONNECTED DIRECTLY INTO THE 4" PERFORATED PIPE SYSTEM.
 - YARD RULES ARE TO BE INSTALLED WHERE FEASIBLE, ADJACENT TO CAPTURE RUNOFF FROM THE DRIVEWAY AND PARKING AREA OF EACH LOT.



LOT IMPERVIOUS ALLOCATION / TRENCH LENGTH

Lot #	Impervious (SF)	Trench (ft)	Lot #	Impervious (SF)	Trench (ft)
1	2,400	100	36	2,400	100
2	2,400	100	37	2,400	100
3	2,400	100	38	2,400	100
4	2,400	100	39	2,400	100
5	2,400	100	40	2,400	100
6	2,400	100	41	2,400	100
7	2,400	100	42	2,400	100
8	2,400	100	43	2,400	100
9	2,400	100	44	2,400	100
10	2,400	100	45	2,400	100
11	2,400	100	46	2,400	100
12	2,400	100	47	2,400	100
13	2,400	100	48	2,400	100
14	2,400	100	49	2,400	100
15	2,400	100	50	2,400	100
16	2,400	100	51	2,400	100
17	2,400	100	52	2,400	100
18	2,400	100	53	2,400	100
19	2,400	100	54	2,400	100
20	2,400	100	55	2,400	100
21	2,400	100	56	2,400	100
22	2,400	100	57	2,400	100
23	2,400	100	58	2,400	100
24	2,400	100	59	2,400	100
25	2,400	100	60	2,400	100
26	2,400	100	61	2,400	100
27	2,400	100	62	2,400	100
28	2,400	100	63	2,400	100
29	2,400	100	64	2,400	100
30	2,400	100	65	2,400	100
31	2,400	100	66	2,400	100
32	2,400	100	67	2,400	100
33	2,400	100	68	2,400	100
34	2,400	100	69	2,400	100
35	2,400	100	70	2,400	100
36	2,400	100	71	2,400	100
37	2,400	100	72	2,400	100
38	2,400	100	73	2,400	100
39	2,400	100	74	2,400	100
40	2,400	100	75	2,400	100
41	2,400	100	76	2,400	100
42	2,400	100	77	2,400	100
43	2,400	100	78	2,400	100
44	2,400	100	79	2,400	100
45	2,400	100	80	2,400	100
46	2,400	100	81	2,400	100
47	2,400	100	82	2,400	100
48	2,400	100	83	2,400	100
49	2,400	100	84	2,400	100
50	2,400	100	85	2,400	100
51	2,400	100	86	2,400	100
52	2,400	100	87	2,400	100
53	2,400	100	88	2,400	100
54	2,400	100	89	2,400	100
55	2,400	100	90	2,400	100
56	2,400	100	91	2,400	100
57	2,400	100	92	2,400	100
58	2,400	100	93	2,400	100
59	2,400	100	94	2,400	100
60	2,400	100	95	2,400	100
61	2,400	100	96	2,400	100
62	2,400	100	97	2,400	100
63	2,400	100	98	2,400	100
64	2,400	100	99	2,400	100
65	2,400	100	100	2,400	100

5. UPDATE LOT GRANT AND IMPERVIOUS ALLOCATIONS

4. REVISED LOT CONFIGURATION AND CALCUS TO REFLECT PUD UPDATE

3. REVISED LOT IMPERVIOUS ALLOCATION

2. SCHEDULED AND NOTES

1. ADDED INFILTRATION TRENCH DETAIL AND NOTES

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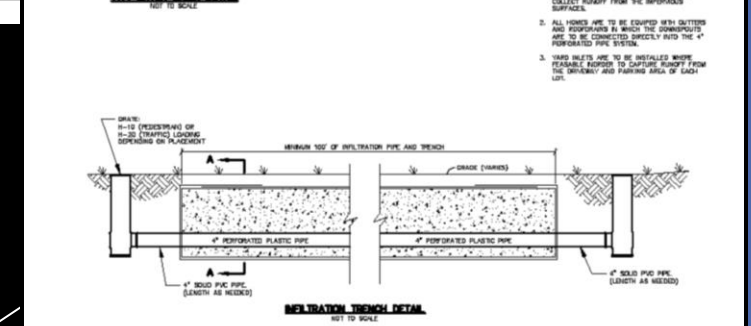
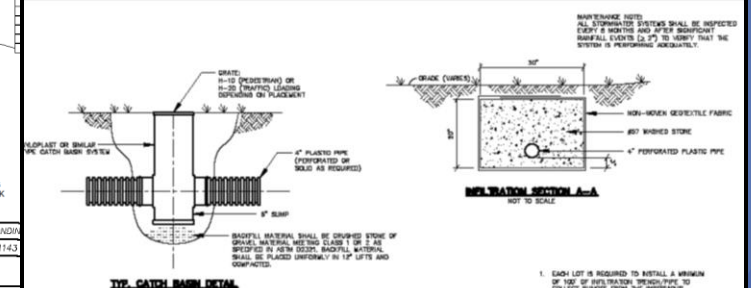
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OWNER: EDGEWATER PROPERTY GROUP, LLC

P.O. Box 315

Wrightsville Beach, NC 28480



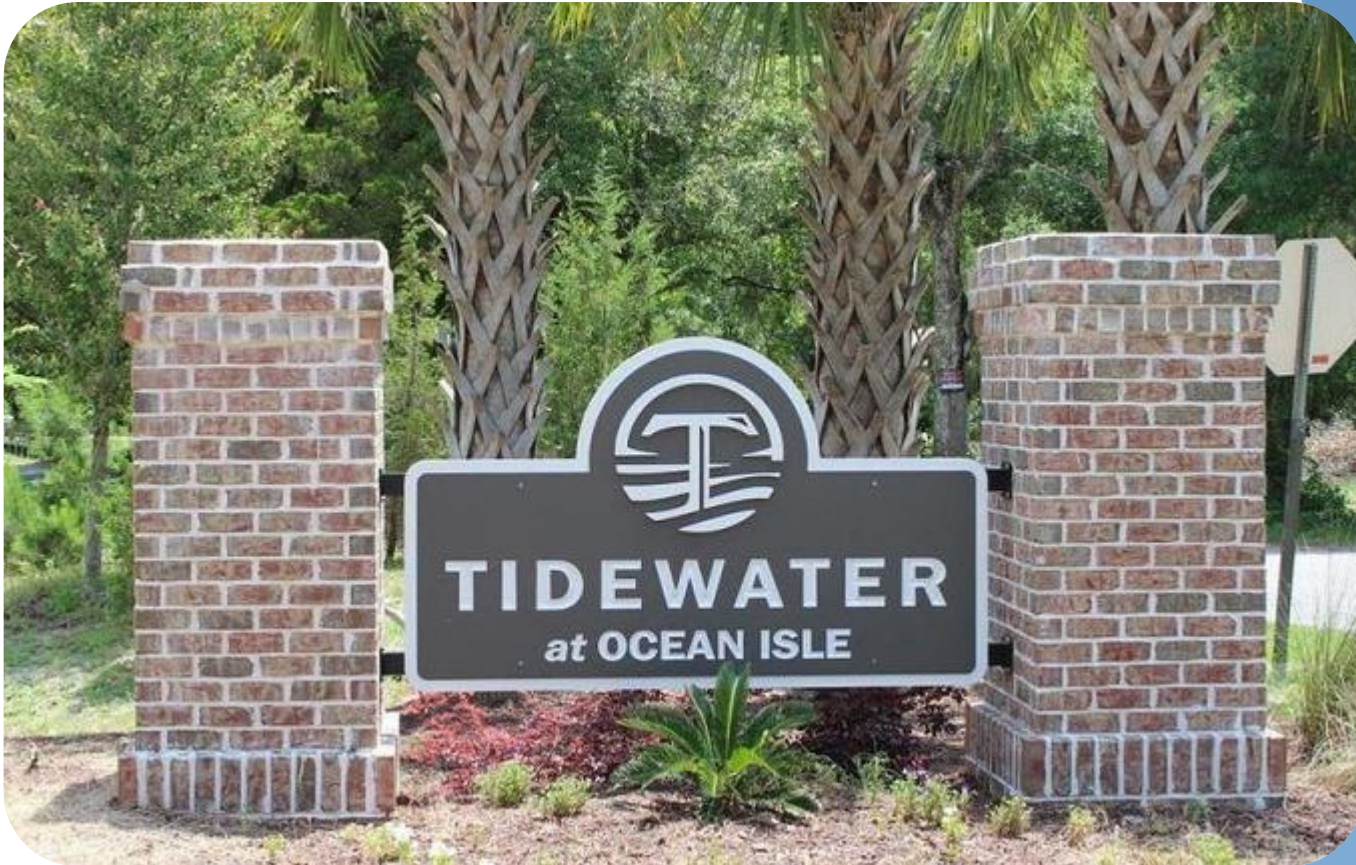






TIDEWATER AT OCEAN ISLE

Residential Subdivision



STEWARDSHIP CHAMPION AWARD





LARRY SNEEDEN

Coastal Stormwater Services, Inc.

