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So don't get trapped by inferior sand trap equipment. Get the Smithco Super Rake. And smooth out your wild deserts.



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“Run For Your Life”

by **MIKE BAILEY**
The Falls Country Club

HOW many times in your life has ‘Good Ol’ Mother Nature’ given you a real scare?

I distinctly remember a few.

Take this past summer, while vacationing in Bermuda, Hurricane Emily rudely blew through. She was packed with winds in excess of 120 mph! The eye actually passed over our seaside cottage. My wife Jenny, realized I was scared when I began to frantically pace the floor, while the wind was ripping off the cement tile roof above our heads. The damage was incredible. The sheer wind force distorted our wall mounted air conditioner into a parallelogram. Roofs were destroyed. Trees uprooted. Downed power poles. No telephone. No electric. No water.

Yes, we’re having fun now.

Thankfully, the beaches were great. I found a filling station operating on a generator and we motored throughout the island on our little red moped. A vacation that we’ll remember forever.

We were very fortunate to be unharmed. The reality of a hurricane is often difficult to comprehend. The most impressive event during a hurricane is to experience the passing of the eye, the actual center of a hurricane. For a duration of twenty minutes, an eerie calm exists. The curious then venture out to access the damage, when all of a sudden, in a matter of only three minutes the back side of the hurricane comes blasting through, at a complete 180° opposite direction. That’s right, I was down at the beach, taking incredible pictures, when I ran for my life, dashing back to our cottage, until all was safe again.

More fearful than a hurricane, can be lightning, a phenomenon that can be totally unpredictable and occur without a moment’s notice. I have experienced two lightning strikes that I shall never forget and perhaps more frightening than a hurricane.

Once, while playing golf with my brother David, just as he was taking a practice swing, I witnessed a zigzag white bolt of light come piercing down from a cloud, at a distance of only 200 feet away. A sharp, crackling sound cut the air and a puff of grey smoke appeared just above a nearby tree. We knew that was a close one. I remember just as David was going into his backswing when the bolt of lightning struck, David let go of the golf club and it whirled into the air, much like a thrown club. In reality, holding such a metallic device, your instinct is to immediately release the club. After the club came to rest, all four members of our group looked at each other, and without even saying one word, we jumped into our carts and headed back to the clubhouse. I don’t think we even picked up our golf balls.

Being involved with the construction of the new Falls Country Club in Lake Worth, Florida from conception, I would like to share our input on the design and construction of quality rainshelters and restrooms. Being a private club, equity member owned from the very beginning, it has been the goal to construct high quality, safe and durable rainshelters and restrooms on the golf course, that will last for many years to come.

All too often, I tour courses with restrooms that appear too small, poor quality of materials and generally inadequate for the members’ needs.

The following criteria was implemented for what we believe will provide excellent service and durability for many years to come, yet at a realistic cost of construction.

Only to my amazement, within the next year, I too would experience such a feeling. One summer afternoon, I was taking soil probes on the practice putting green. A rain shower passed overhead, so I casually walked over to the clubhouse to stay dry. I was resting underneath the roof overhang, when all of a

sudden, a lightning bolt struck. It occurred so fast, I’m not exactly sure what happened. Within a split second, a white flash appeared. I was holding the soil probe in my right hand. I could feel a sharp tingle in my arm and hand. Without even thinking, I screamed and flung my arm upwards to throw the probe away. It scared me so, that my reflexes responded to get rid of the device as quick as possible. Soon afterwards, I settled down to realize the tingle in my hand was a result of the static electricity in the air.

1. *Location is important:* Structures should be located in remote corners of the project in order to provide protection where otherwise, you would be left out in the open.
2. *Never play more than two holes without available shelters:* Because of the physical layout of the project, 2 restrooms and 2 rainshelters were required, not to mention seeking available safety at the clubhouse maintenance building.
3. *Easy accessibility and visibility:* Structures are located between greens and the next tee along with paved cart paths therefore access and known locations are acknowledged.
4. *Large enough to accommodate nearby golfers;* all structures can house at least six (6) foursomes.
5. *Constructed of cement block and concrete:* Long lasting materials will provide far superior to wood.
6. *Cement stucco finish:* to provide excellent appearance along with ability to rinse down with garden hose for easy maintenance.
7. *Epoxy coated paint:* Far superior durability. Epoxy painted surface applied to walls (both interior and exterior), ceilings and floor.
8. *Metal doors and frames:* Most durable. Steel frames makes doors

Continued on p. 14

NO OTHER PLAYER APPROACHES THE GREEN WITH AS MUCH SKILL OR EXPERIENCE.

And nobody matches Jacobsen greens mowers for precision cut, balance or durability.

Over 65 years of powered greens care experience and innovation make Jacobsen walk-behind greens mowers the industry's standard. And they keep getting better.

The new front roller and no-rust aluminum drive roller are precisely machined to ensure mowing accuracy. With the recognized superiority of the Jacobsen designed reel and bedknife combination, this system delivers the smoothest, truest cut, down to $\frac{3}{32}$ "

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Proven on tournament-play courses across the country, this system increases putting speeds up to 20% without lowering your height of cut. And it cuts those horizontal grasses and surface runners other mowers miss, to reduce grain. For healthier, better looking greens. Greater uniformity from green to green. And truer putting.

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19" Championship model

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Continued from p. 12

virtually indestructible for years of maintenance free service.

9. *Automatic spring loaded door hinges:* Provides doors to close automatically in order to keep insects outside providing a cleaner environment.
10. *Skylights in ceilings:* Provides adequate interior light, even on cloudy days, to reduce needs for interior electrical lighting.
11. *Spring loaded timer light switches:* If lights are desired, timer automatically shuts off within 15 minutes.
12. *Employee Restroom:* This sole factor alone can pay for itself within two years eliminating the inconvenience of employees tracking back to the maintenance building.

Another benefit: Employees using their own restroom can virtually reduce the liability of causing a disturbance for the member's restroom.
13. *Urinal and toilet in Employee Restroom:* This can create a far superior cleaner environment.
14. *Concave floors with drains:* Interior drains allow for hosing down of

of interior for easy maintenance.

15. *Hose bib and hose rack:* Provides ability to water down and clean interiors.
16. *Men's restroom with both urinal and toilet:* Creates a cleaner environment, along with ability for usage of two members at one time.
17. *Ladies' restroom with two toilets:* This allows for two ladies to use restroom at one time, which can greatly speed up play.
18. *Counter top at sink:* This allows ladies to set purse next to sink for make-up etc.
19. *Cement tile roof:* Provides long lasting durability, less maintenance and a structurally sound roof for added protection.
20. *Exterior sidewalks:* around all four sides of building, allows golfers to seek protection on opposite side of strong blowing wind and rain.
21. *Concrete pillars:* Excellent structural strength. No wood here.
22. *Wall recessed for water cooler:* Wall mounted unit recessed away from

cart path.travel eliminates potential of cart ripping water cooler off the wall.

23. *Emergency Telephones:* A must! Communications can literally save a life.
24. And last but not least - *Lightning Rods!* Another must for all rainshelters and restrooms. There are no short cuts here. Proper length of lightning rods, routing cable and ground rods along with properly secured clamps can literally be the most important item of all.

Perhaps you might consider these options extravagant. Perhaps you might elect to modify a few of the options. I already have received criticism. The structures are too large. There is too much cement. They are too expensive.

I can guarantee this.

Someday, if you ever have your hair stand on end, goose bumps tingle from you head to your toes and the lightning bolt is so loud and bright, you literally scream for safety, you'll be glad to seek a safe rainshelter, because a good restroom or rainshelter has no price tag - if it saves your life. ■



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Ordinary slow release nitrogens are temperature activated. They depend on bacterial activity or coating thickness or other factors which are out of your control. When activated by hydrolysis, nitrogen from IBDU becomes available to your turf. Normal soil moisture is all you need; excessive moisture will not adversely affect IBDU's performance.

Nitrogen efficiency – the IBDU key to quality turf.

A nitrogen source is efficient if most of the applied N is absorbed by the plant and not lost in the environment by leaching past the root system, volatilization, or other factors. Studies have shown that IBDU trickles slowly

past the root system, increasing total N uptake over time, resulting in better nutrient efficiency and less nitrate pollution of ground water when compared to soluble N sources.

Late season fertilization – the IBDU advantage.

Studies have shown IBDU to be a superior slow-release nitrogen source for producing excellent turf in the spring, after application the previous fall on cool season grasses. IBDU is also superior on over-seeded Bermudagrass in southern areas.

Sure, you can buy cheaper fertilizer. But run into a turf problem or two, then check your costs. There's a good chance they'll be rising as fast as your blood pressure. So why take the risk when, for a few pennies more, you can take control with IBDU.

par ex[®]
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The Ryan Touch.



Quality equipment for outstanding results.

Combine your turf care expertise with Ryan turf care equipment, and it's a little like working magic on your course. Our complete line comes with a long history of low-maintenance and high performance. In fact, the only one who works harder to keep your turf looking good season after season... is you.

The new Greensaire® 24 is the latest example.

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lets you do the job as effectively with less maintenance for as many years as the new Greensaire 24. Only with its crank and cam action do tines go vertically in and out to virtually eliminate side compaction and a ridge around each hole. The result is a smoother putting surface and better root development.

Seals, shafts, and slide and guide bearings have been improved to give you at least three times the normal operating life. Push rod bearings are now internally self-lubricated to eliminate grease fit-

tings and routine maintenance. So, you'll reduce your downtime while saving service time between the greens — getting golfers back on the course quickly.

Ryan tackles the big jobs, too.

The Ryan Renovaire® is the only proven tractor-drawn aerator on the market that has full floating action to completely follow the contour of the land. Each pair of tine wheels is independently mounted. High spots, as well as low spots, get deep, even penetration over a six-



foot swath at speeds up to 10 mph. Add weight trays which can carry up to 200 pounds each, and you'll get maximum penetration in even the most heavily compacted areas.

The Renovaire will adapt to various soil conditions by doubling the tines, or by changing tines: coring tines for regular soil, slicing tines for drier soil, and open spoon tines for areas needing renovation. So, you can use your Renovaire throughout the year, and take the Ryan touch to every part of your golf course.

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synonymous with great golf course maintenance.

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**John's Island Club Hole No. 17 North Golf Course
Chuck Calhoun, Superintendent. Tim Hiers, Golf
Course Manager**





JOHN'S ISLAND CLUB

By George & Charlotte Jones
Wellington Golf Club

THE John's Island Club is located east of Vero Beach between the Atlantic Ocean and the Intercoastal Waterway. It is nestled in a native oak woods wrapped around beautiful coves of water breaking into the Intercoastal Waterway.

As we entered the club property, after being thoroughly checked by a security guard at one of the two main entrance gates, a definite impression of the club struck us immediately. The entrance, club and homes were manicured to perfection and yet have been carefully blended into the native woods. The picturesque twisted oaks and plants continue from the woods through the yards and golf courses in perfect planned harmony.

The John's Island Club is directed by General Manager, Trevor Wright. The Club Professional is David Marad, the Golf Course Manager is Tim Hiers, and the Greens Committee Chairman is Bud Morrison. There are three courses available to the private membership. The original North and South Courses and the newly opened West Course.

The North and South Courses were designed by Pete Dye. The North Course has Tifdwarf Bermuda greens and the South Course has 328 Bermuda greens. Both courses have 419 Bermuda fairways. During winter the greens on both courses are overseeded with Bent grass.

As we traveled the courses we noticed many wild birds, including a large hawk sitting on top of a tall tree and screeching perhaps a warning or mating call. Tim Hiers said he would like to continue to improve the natural areas, irrigation, drainage, and cart paths. Especially the drainage since both courses are only a few feet above water level.

To keep the North and South Courses in top shape there is a crew of 29 headed by Superintendent Chuck Calhoun. His assistant is Chuck Green, Foreman is Tim Noland and Head Mechanic is Pete

Luedtke. The maintenance area is well organized, very clean, and safety markings and equipment are ample.

The new John's Island West Course is actually an extension of the original club. It is located about five miles northwest and has its own clubhouse, maintenance, and driving range. But it has no homesites and is for the use of the east club and its members.

The first impression is that the terrain is like Jupiter Hills. The course has its own identity though and has up to 60' elevation according to Tim. The architect is Tom Fazio and the shaping was done by Tom Fazio's group and Central Florida Turf. Central Florida Turf also did the irrigation. The greens are Tifdwarf Bermuda overseeded with Bent grass. The fairways are 419 Bermuda.

Al Batog was the project manager overseeing the construction of the golf course.

The course is in a 215 acre plot that is very hilly and placed very carefully to leave the woods and native foliage undisturbed. There are only three buildings in this large site: the clubhouse, maintenance area and a small house-like pump station.

Continued on p. 22



West Course, Hole No. 15, Par 4 looking from green to tee.