



### **Public Works Committee**

4:30 p.m., Wednesday, January 6, 2020  
1207 Palm Boulevard  
Isle of Palms, South Carolina

### **Virtual Meeting Due to COVID-19 Pandemic:**

The public may join the virtual meeting by clicking here: <https://www.youtube.com/user/cityofisleofpalms>

### **Public Comment:**

All citizens who wish to speak during the meeting must email their first and last name, address and topic to [rhanna@iop.net](mailto:rhanna@iop.net) no later than **3:00 p.m. the business day before the meeting**. Citizens who sign up to speak will receive an email with instructions to join the meeting via Zoom. All verbal comments will have a time limit of three (3) minutes. Speakers must turn on their video and make sure that their actual name shows up as their Zoom identifier, and mute themselves after their comments.

Citizens may also provide written public comment here:  
<https://www.iop.net/public-comment-form>

### **Agenda**

1. **Call to order** - and acknowledgement that the press and public have been duly notified of the meeting in accordance with the Freedom of Information Act.
2. **Election of Chair and Vice Chair**
3. **Approval of previous meeting's minutes** – November 5, 2020
4. **Citizens' Comments**
5. **Department Report** – Director Pitts and Assistant Director Asero
6. **Old Business**
  - a. Update on Phase III Drainage Project and small internal projects
  - b. Discussion of Dominion Energy's Non-Standard Service Fund and list of eligible projects
  - c. Update on Memorandum of Understanding (MOU) between the City and Dominion Energy ahead of next tree trimming cycle
  - d. Consideration of request from Rick Roberts for adjustment of an easement at 2305 Waterway Boulevard
7. **New Business**
  - a. Report of 2021 rate increase for trash pickup temporary staffing
  - b. Discussion and consideration of FY22 Transportation Sales Tax (TST) eligible projects
  - c. Preliminary discussion regarding creation of Environmental Advisory Committee
8. **Miscellaneous Business** - Next Meeting Date: 4:30 p.m., Wednesday, February 6, 2021
9. **Executive Session** – If needed
10. **Adjournment**



**PUBLIC WORKS COMMITTEE**  
**8:00am, Thursday, November 5, 2020**

**Virtual Meeting via Zoom call due to COVID-19 Pandemic**  
**broadcasted live on YouTube: <https://www.youtube.com/user/cityofisleofpalms>**

**MINUTES**

**1. Call to order**

Present: Council members Pounds and Streetman\

Absent: Council Member Smith

Staff Present: Administrator Fragoso, Asst. Administrator Hanna, Director Pitts,  
Asst. Director Asero, Director Kerr

Also Present: Rick Karkowski and Hilary Aton of Thomas & Hutton

**2. Approval of previous meeting's minutes – October 1, 2020**

Council Member Pounds made a motion to approve the minutes of the October 1, 2020 meeting, and Council Member Streetman seconded the motion.

Director Pitts asked the minutes be amended to reflect a \$2,600 invoice instead of a \$26,000 invoice.

The amended minutes passed unanimously.

**3. Citizens' Comments**

The only comment was from Kelly Thorvalson of the SC Aquarium who spoke about cigarette litter on and near the beach. She noted that data indicates a 2-6% decrease in cigarette litter on the beach since the smoking ban was implemented. She hopes the City will do more to educate the public on the smoking ban and the toxicity of cigarette litter to the environment. She reported the Charleston Visitors Bureau has a plan for an educational campaign about beach smoking bans and that Folly Beach is in the early stages of discussing a similar ban. Administrator Fragoso said that the City has ordered appropriate signage for the most heavily used beach access paths and intends to add more signage each year.

**4. Department Reports – Director Pitts and Assistant Director Asero**

Director Pitts reported average garbage collections for October and yard debris collection is up a little. However, miscellaneous garbage collection was very high. There will be some invoices for vehicle maintenance, but expenses are still within budget.

Asst. Director Asero reviewed the Public Works activities for October. Eadies cleaned a ditch at the Methodist Church and 22<sup>nd</sup> Avenue. Vegetation cleanup also was done in that area. Estimates for drainage repair on Driftwood and 23<sup>rd</sup> and Harnett are being reviewed. Facilities maintenance included fencing and sensor repair at the Public Works building, City Hall elevator shaft repair, and plumbing repair at the Front Beach restrooms. He also is collecting estimates for the roof repair work needed on the Public Works building, but those received are higher than the estimate received from Trident. Work on that project is expected to begin next week.

He reported on pothole filling on Intercoastal Court, Waterway Boulevard sidewalk, and around City Hall and the Public Works Building, landscape removal and installation at the Public Safety building, and the removal of a wall on Forest Trail and Cross Lane.

Director Pitts reported that as of 1/1/2021, Seagrove Condominiums will be serviced by commercial dumpsters from Carolina Waste. He said the change was well received by the management company.

## **5. Old Business**

### **A. Update on Phase III Drainage Project, small internal projects, and Waterway Boulevard path elevation – presentation by Thomas & Hutton**

Rick Karkowski and Hilary Aton of Thomas & Hutton gave a three-part presentation detailing the status and challenges associated with the Waterway Boulevard path improvements, the smaller internal drainage projects, and the Phase III Drainage Project. A link to the YouTube video of this meeting containing that presentation and discussion can be found to the City's project timeline on the website.

Mr. Karkowski shared details of proposed 6' protection improvements along sections of Waterway Boulevard. He highlighted those areas in need of improvement and the area of the island positively affected by the improvements. Mr. Krakowski and Director Kerr stated that raising the protections higher than 6' did not increase the level of protection very much but added to the cost significantly.

Director Kerr noted that the parts of the path needing this work are also part of a drainage project. He envisions the project being completed in phases: repaving the path in the near future "with the roadmap of adding those [tidal] gates and doing those other smaller projects as we can."

Mr. Krakowski said the cost estimate will include drainage retrofitting and the installation of tidal controls. He added that the tidal controls impact the flooding more positively than the actual raising of the path. He said this level of protection is predicted to last 25 years and protect against King tides. The success of the project in the long term will require a public/private partnership with Wild Dunes.

Committee members agreed that Thomas & Hutton should move forward with a cost estimate on the Waterway Boulevard path improvements with at 6' protection as proposed.

Mr. Krakowski then reviewed the bids received for the small internal drainage projects. The low bid came from Gulfstream, but their estimate was still above the \$500,000 budgeted expense at \$612,000, which does not include any contingency. He shared that after talking with Gulfstream and the Water & Sewer Commission, Thomas & Hutton is prepared to submit a letter of recommendation to award the bid to Gulfstream.

Mr. Krakowski and Committee members discussed which of the projects could be dropped from the bid to keep expenses in line with the budget. Administrator Fragoso stated that another revenue source for this project comes from NPDES Stormwater Fund, which is managed for the City by Charleston County Stormwater. The City's fund balance is currently \$475,000. She said that while she prefers to keep a 25% balance in the fund at all times, it does accrue at approximately \$225,000/year. Administrator Fragoso and Director Kerr believe the process by which these funds are applied for and received will be straightforward. Mr. Krakowski added that the completion of the small internal projects will be helpful with regards to drainage, but their full effect will be seen upon completion of Phase III.

Committee members directed staff to apply for funds so that the full scope of the internal projects could be completed while allowing the City's budget to remain intact. Administrator Fragoso indicated she would like to have the project approved by full Council in November so there is no price increase, and the project can begin in January to be completed before the next beach season begins.

Mr. Krakowski then spoke about issues and concerns around the 30<sup>th</sup> Avenue outfall. He suggested changes to the easements in that area to allow the City easier access to the outfall without having to go across the golf course. Director Kerr summarized saying there is an increase in costs associated with this outfall, a potential increase in mitigation and permitting, and an increase in the need for easement area from Wild Dunes.

Director Kerr shared the work needing to be done in this area will affect the playability, look, and feel of the Wild Dunes Golf Course. Sodding over the entire area increases the costs significantly because for every percentage of acre that is disturbed there are offsetting mitigation costs. He hopes there is a way to partner with Wild Dunes on a wetlands project as part of the mitigation.

Mr. Krakowski said that the permitting for this area as well as the outfall at 36<sup>th</sup> Avenue will need to be divided into two separate permits. He said Thomas & Hutton continues to work through the cost, regulation, and mitigation issues to get the most out of the City's money. The start of the project will be into FY22.

Mr. Krakowski reported that the permits for Forest Trail are ready to be submitted and they believe their approval should be a quick process, hopefully starting construction in early 2021. He then briefly reviewed the designs of the other outfalls.

#### **B. Discussion of outsourcing household garbage collection services**

While there is nothing new to report on outsourcing, Council Member Pounds said he is encouraged to see work being done to eliminate backdoor service.

**C. Update on Memorandum of Understanding (MOU) between the City and Dominion Energy ahead of next tree-trimming cycle and discussion of Dominion Energy's Non-Standard Service Fund and list of eligible projects**

Council Member Pounds reported that he and Administrator Fragoso met with Dominion Energy recently. They are still waiting on high-level estimates from Dominion regarding eligible projects funded by the Non-Standard Service Fund. Administrator Fragoso agreed it was a productive meeting, and Dominion Energy understands the need for a strategic plan with the City moving forward. Conversation about the MOU is ongoing.

**D. Discussion and consideration of amendments to §5-4-32 of the City's Zoning Code to allow for sewer pump stations with a 1,000 square foot or less footprint**

Director Kerr said that following City Council's approval of the amendment at First Reading, the Planning Commission and the Water & Sewer Commission met to discuss further amendments to §5-4-32. He believes the Planning Commission will formalize their recommendation at their meeting next week, which will be presented to the full City Council at their November meeting.

Director Kerr reviewed the proposed changes the Planning Commission is considering. They would like the approval of a lift station changed from staff level to BOZA as a special exception. They also created a list of performance criteria for the lift stations, including: maintaining the 1,000-square-foot size limitation; providing odor control; enclosed within a 8' fence or building; the inclusion of a 10' vegetative buffer to create additional screening; lighting limited to when work is being done on the site only; backup power must come from mobile generators and only be onsite when needed' and a height limit of 12' for the equipment and a 16' height limit for a roof peak if the equipment is contained within a building.

**6. New Business**

**A. Discussion of beach litter and trash collection**

Director Pitts explained that when the recyclable trash containers at the beach are contaminated with non-recyclable trash like diapers, animal waste bags, and cardboard, they are refused by drivers for Charleston County Recycling Division. Administrator Fragoso said the City could do a better job of educating the public on how to properly dispose of their garbage and recyclables. Director Pitts noted that short-term rentals are doing a good job of informing their renters of how to properly handle their garbage and recyclable materials.

Administrator Fragoso said she is working with Chief Cornett on enforcement of the City's ordinance regarding the proper times to put out and pull up garbage and recycling roller carts.

**7. Miscellaneous Business**

The next meeting of the Public Works Committee is to be determined by further action from Dominion Energy. A meeting will be scheduled in December if it is deemed necessary. Otherwise the Committee will meet in January 2021.

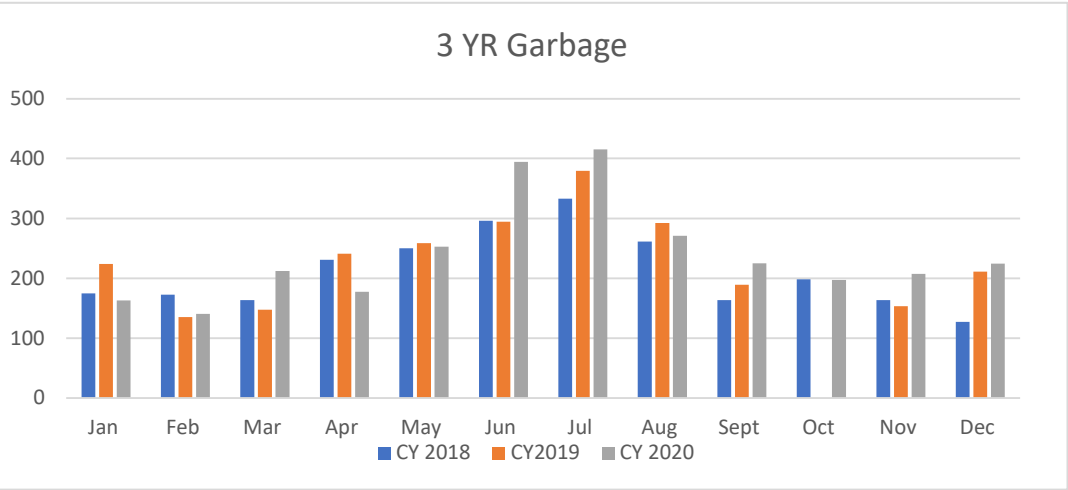
**8. Adjournment**

Council Member Pounds made a motion to adjourn, and Council Member Streetman seconded the motion. The meeting was adjourned at 10:20am.

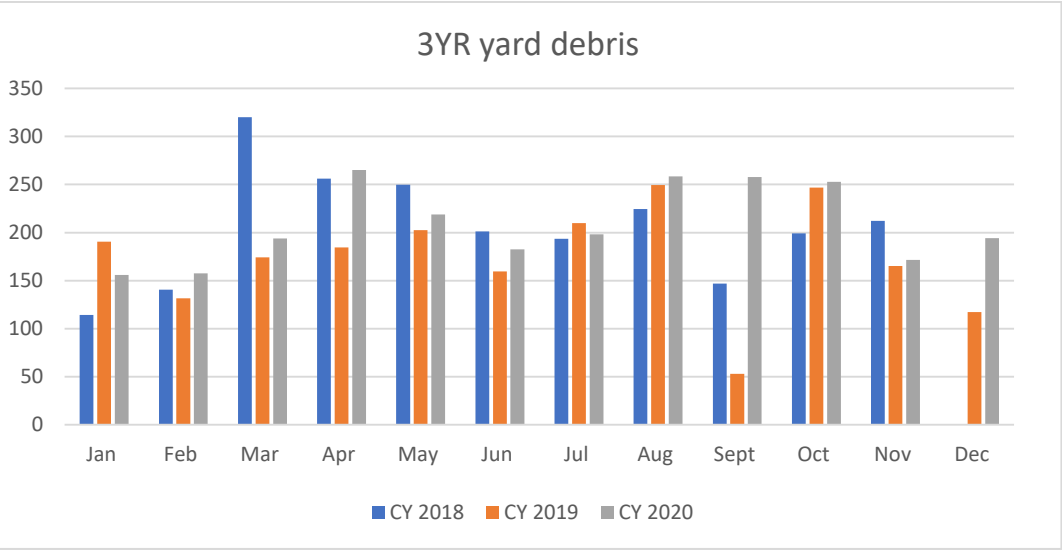
Respectfully submitted,

Nicole DeNeane  
City Clerk

	CY 2018	CY2019	CY 2020
Column1			
Jan	174.69	223.61	162.77
Feb	172.71	135.17	140.66
Mar	163.25	147.4	212.04
Apr	230.87	241.17	177.52
May	249.85	258.45	252.56
Jun	296.1	294.31	394.38
Jul	332.64	379.48	415.12
Aug	261.2	292.36	270.71
Sept	163.41	188.86	224.87
Oct	198	Dorian	196.94
Nov	163.27	153.27	207.44
Dec	127.02	211.04	224.45



	CY 2018	CY 2019	CY 2020
Column1			
Jan	114.3	190.61	155.93
Feb	140.72	131.74	157.44
Mar	320.2	174.3	193.74
Apr	256.24	184.59	265.04
May	249.91	202.48	218.67
Jun	201.29	159.4	182.49
Jul	193.36	209.97	198.07
Aug	224.47	249.39	258.37
Sept	146.88	53.11	257.64
Oct	199.28	246.75	252.81
Nov	212.21	165.36	171.54
Dec		117.26	194.08



Action Items

See Drainage and Facility manager report (attached)

General duties

Sanitation:

27.03 tons of misc. debris in November & 37.16 in December was transported to Palmetto Commerce Pkwy. \*\*

VEHICLE MAINTENANCE

Beginning Budget \$90,000.00

Fund 10 GENERAL FUND			
11/01/2020	10-4620.5017	VEHICLE MAINTENANCE	BEG. BALANCE 17,251.94
11/01/2020	AP INV	CLAMP AND TRANS HOSE	86.05 17,337.99
11/03/2020	AP INV	IT14G HYDRAULIC SYSTEM DIAGNOSTICS & REP	4,358.39 21,696.38
11/20/2020	AP INV	PW-27 SERVICE CALL / FLAT REPAIR	142.00 21,838.38
11/20/2020	AP INV	PW-22 SERVICE CALL (2) TIRES REPLACED	1,152.77 22,991.15
11/20/2020	AP INV	BATTERY FOR FORD F350 HOPPER TRUCK	154.59 23,145.74
11/30/2020		10-4620.5017 END BALANCE	5,893.80 23,145.74

Fund 10 GENERAL FUND			
12/01/2020	10-4620.5017	VEHICLE MAINTENANCE	BEG. BALANCE 23,145.74
12/01/2020	AP INV	PW 30 OIL CHANGE	106.64 23,252.38
12/09/2020	AP INV	PW-16 MACK - TRANSMISSION SERVICE	933.48 24,185.86
12/15/2020	AP INV	WELDING DOOR HINGE PUBLIC WORKS FLATBED	178.00 24,363.86
12/16/2020	AP INV	LOADER - LEFT REAR TIRE REPLACEMENT	1,500.04 25,863.90
12/16/2020	AP INV	2016 F350 SERVICE TRUCK - (4) TIRES	1,219.40 27,083.30
12/31/2020		10-4620.5017 END BALANCE	3,937.56 27,083.30

Remaining Balance

62,916.70

# **PUBLIC WORKS NOVEMBER- DECEMBER 2020**

Assistant director of Storm water and Facilities

## **Drainage**

- SCDOT 23rd and Hartnett Blvd drainage installation complete.
- SCDOT 23rd Ave ditch cleaning.
- Eadies inlet/pipe cleaning municipal lot.
- Charleston county stormwater review plans for new home construction.
- Scheduled drainage repair of Driftwood lane.
- Uncovered a drop inlet at 41<sup>st</sup> and Frank Sottile Ln.
- Uncovered 2 drop inlets at 3405 Hartnett Blvd.
- Estimate for drainage at the Marina parking lot.
- Uncovered drop inlet at the PSB municipal parking lot.

## **Facilities**

- DPW generator PM maintenance scheduled with Cummins.
- PW condensation remediation complete.
- Ordered new double swing front gate.
- DPW heater repair replacement.
- PSB new Generator instructional lesson by Cummins and weekly log.
- PSB final walkthrough.
- PSB new fire alarm instructions by contractor.
- DPW fire inspection.
- DPW fire inspection compliance and updating.
- Heavy pruning and cleanup of PSB back lot.

## **Front beach / Restrooms**

- Clean up of parking lot / Front beach Ocean Blvd. trash and debris.
- Ordering of supplies and managing cleaning crews for restrooms.
- Continuation of painting of restrooms by attendant.
- Additional estimate for front beach patio and paver apron repair.
- Heavy pruning and cleanup of 14<sup>th</sup> Ave. Beach path.

## **Landscaping / Rights of way / Connector / Parks**

- Clean up of debris on the connector DPW and sweeping contractor.
- Maintenance of Palm Blvd DPW.
- Estimate for rights of way mowing by Pleasant Places.
- 29<sup>th</sup> and Palm tree pruning.
- 14<sup>th</sup> Ave and Palm traffic light pole and painting estimate.
- Coordination of city-wide tree trimming.
- Inventory of city street signs.

## **Compactor / Dumpster**

- Cleaned compactor pad and recycling area.
- Removal of bulk items left by the PSB compactor.

## **Certifications, training and meetings**

- Safety team meeting.
- Monthly UST testing of Marina and DPW.
- Reprogram and install outdated PD radios to DPW vehicles.
- City vision meeting.



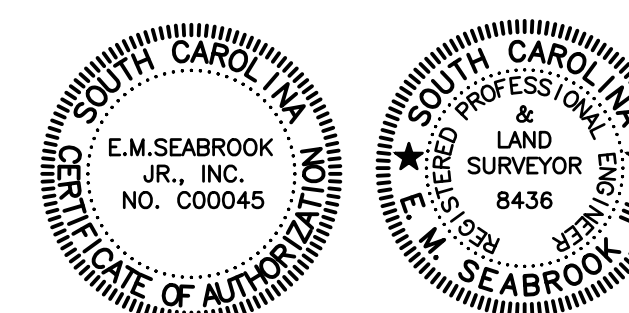
DRAINAGE MODIFICATIONS  
FOR  
LOT 2B BLOCK F – WATERWAY BOULEVARD

LOCATED IN  
CITY OF ISLE OF PALMS  
CHARLESTON COUNTY, SOUTH CAROLINA

SHEET 1  
SHEET 2

STORM DRAIN RELOCATION PLAN  
CONSTRUCTION DETAILS

JUNE 3, 2020  
REVISED DECEMBER 11, 2020



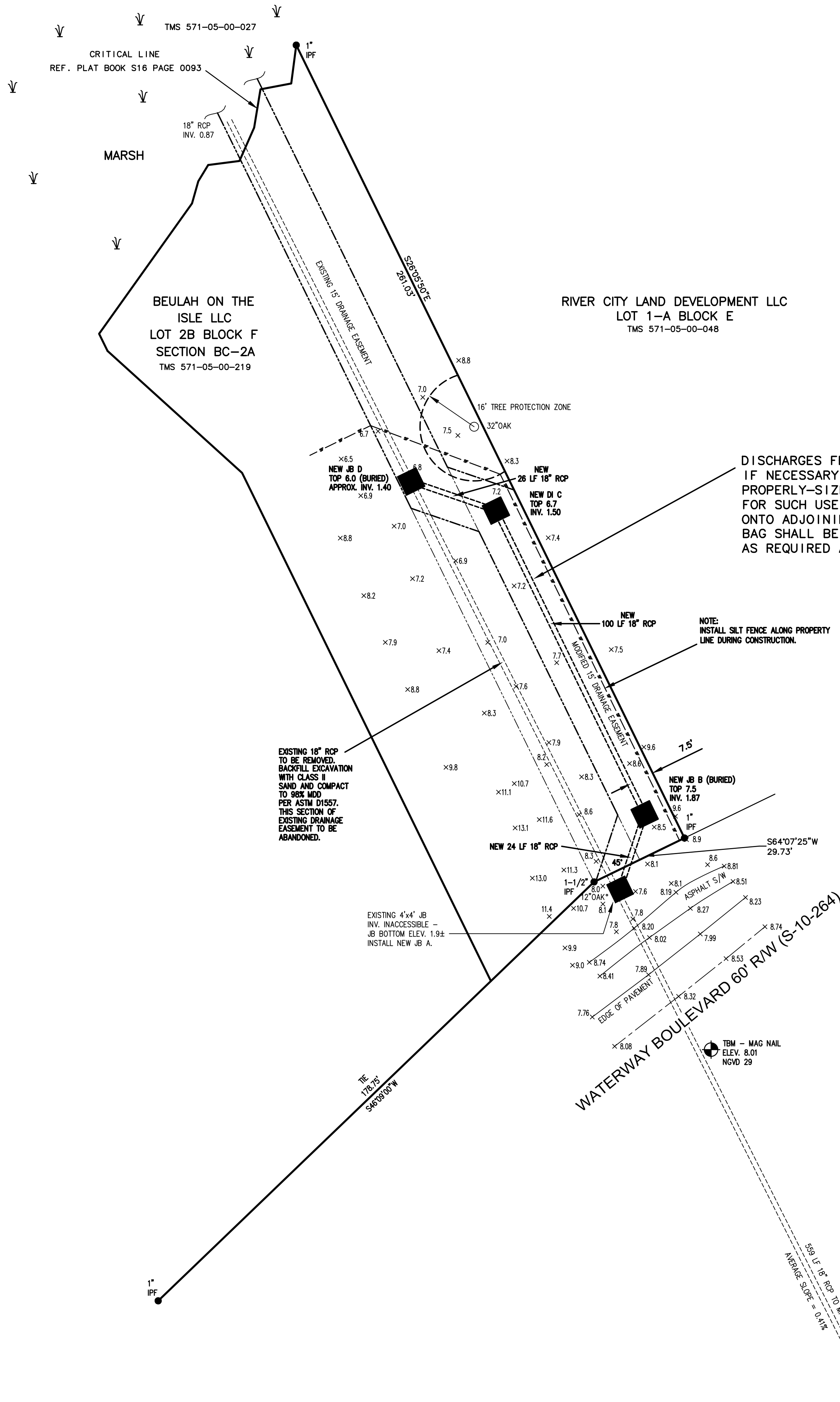
*E.M. Seabrook*



1. NOTIFY CITY OF ISLE OF PALMS AND OWNER MINIMUM 72 HOURS PRIOR TO MOVING EQUIPMENT TO SITE.
2. MOBILIZE ONLY THAT EQUIPMENT AND MATERIALS NECESSARY FOR SILT FENCE INSTALLATION. REQUEST INSPECTION AND APPROVAL BY CITY OF ISLE OF PALMS FOR SILT FENCE INSTALLATION.
3. MOBILIZE REMAINING CONSTRUCTION EQUIPMENT AND MATERIALS.
4. REMOVE TOP OF JUNCTION BOX ADJACENT TO PROPERTY ON WATERWAY BOULEVARD AND CONFIRM PIPE INVERTS THEREIN.
5. CONSULT ENGINEER FOR CONFIRMATION OF NEW PIPE AND BOX ELEVATIONS.
6. CONSTRUCT NEW JB B AND NEW DI C AND ASSOCIATED PIPING TOWARD NEW JB A AND NEW JB D WITHOUT DEMOLITION OF EXISTING PIPE. SEE NOTE PERTAINING TO DEWATERING OPERATIONS.
7. CONSULT LOCAL TIDE PREDICTIONS FOR HIGH TIDE LEVEL AT MLLW DATUM. JB D HAS AN APPROXIMATE ELEVATION OF 3.5' MLLW. COORDINATE WITH ENGINEER FOR SCHEDULING INSTALLATION OF NEW JB D AND CONNECTING PIPE ON A DATE WITH TIDAL RANGE THAT ALLOWS 5-6 HOURS OF WORK TIME BEGINNING AT 3.5' MLLW ON A FALLING TIDE UNTIL THAT ELEVATION IS ATTAINED ON THE FOLLOWING RISING TIDE.
8. REPEAT ITEM 7 FOR JB A AND CONNECTING PIPE.
9. PROVIDE RECORD DRAWING AND PERFORM CLEANING, DEBRIS AND CONSTRUCTION MATERIALS REMOVAL, AND SITE STABILIZATION WITH ESTABLISHMENT OF VEGETATIVE COVER SELECTED BY OWNER.



1. NO UPSTREAM STORMWATER DRAINAGE IMPACTS WILL BE AFFECTED BY THIS CONSTRUCTION.
2. CONTRACTOR SHALL ISSUE WARRANTY AND 20% MAINTENANCE GUARANTEE TO CITY OF ISLE OF PALMS FOR ALL DEFECTS AND FAILURES FOR A PERIOD OF TWO YEARS AFTER FINAL CONSTRUCTION ACCEPTANCE DATE.
3. CONTRACTOR SHALL COMPLY WITH REQUIREMENTS OF SCDOT ENCROACHMENT PERMIT FOR WORK WITHIN RIGHT-OF-WAY OF WATERWAY BOULEVARD (S-10-264).



DISCHARGES FROM DEWATERING OPERATION, IF NECESSARY, SHALL BE PASSED THROUGH PROPERLY-SIZED FILTER BAG SYSTEM DESIGNED FOR SUCH USE. DISCHARGES MUST NOT PASS ONTO ADJOINING PROPERTIES OR STREETS. BAG SHALL BE REMOVED AND CONTENTS DISPOSED AS REQUIRED AT COMPLETION OF PROJECT.

**NOTE:**  
INSTALL SILT FENCE ALONG PROPERTY  
LINE DURING CONSTRUCTION.

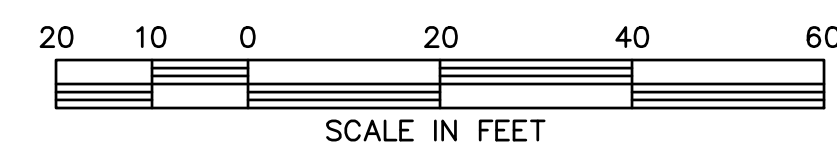
EXISTING 18" RCP  
TO BE REMOVED.  
BACKFILL EXCAVATION  
WITH CLASS II  
SAND AND COMPACT  
TO 98% MDD  
PER ASTM D1557.  
THIS SECTION OF  
EXISTING DRAINAGE  
EASEMENT TO BE  
ABANDONED.

EXISTING 4'x4' JB  
INV. INACCESSIBLE -  
JB BOTTOM ELEV. 1.9± —  
INSTALL NEW JB A.

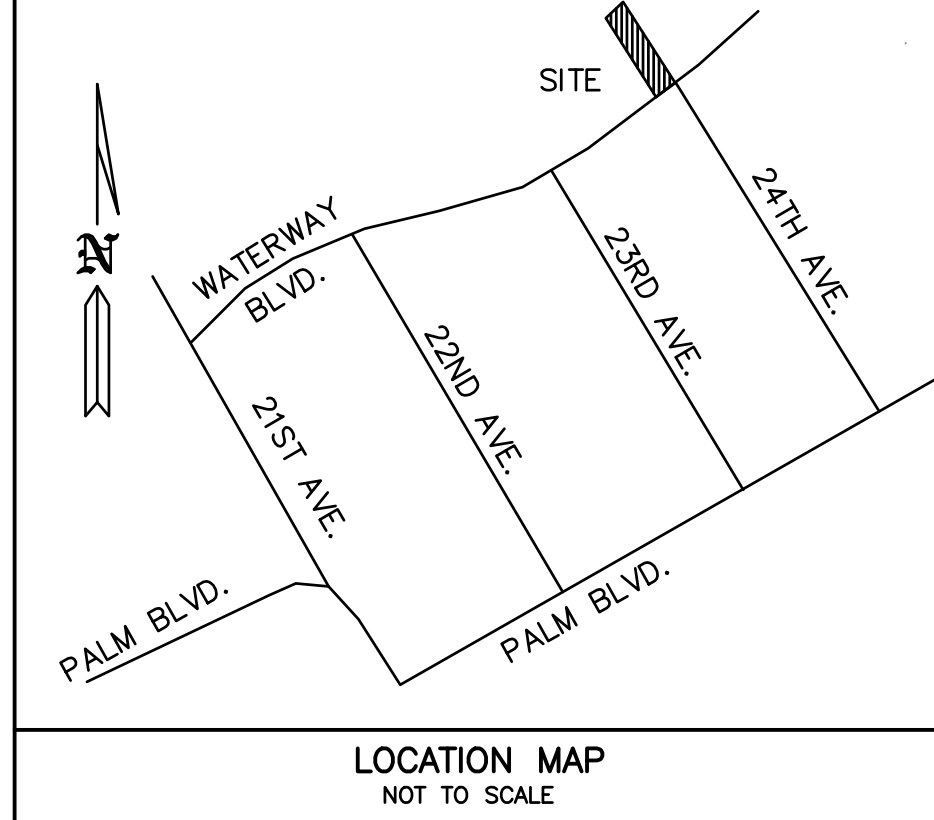
**LEGEND**  
 IPF IRON PIPE FOUND  
 IRF IRON REBAR FOUND  
 X8.1 EXISTING ELEVATION



Know what's below.  
Call before you dig.



NGVD 29



Σ. Γ. Περικλής (17)



STORM DRAIN RELOCATION PLAN  
LOT 2B BLOCK F  
SECTION BC-2A  
CITY OF ISLE OF PALMS, SC

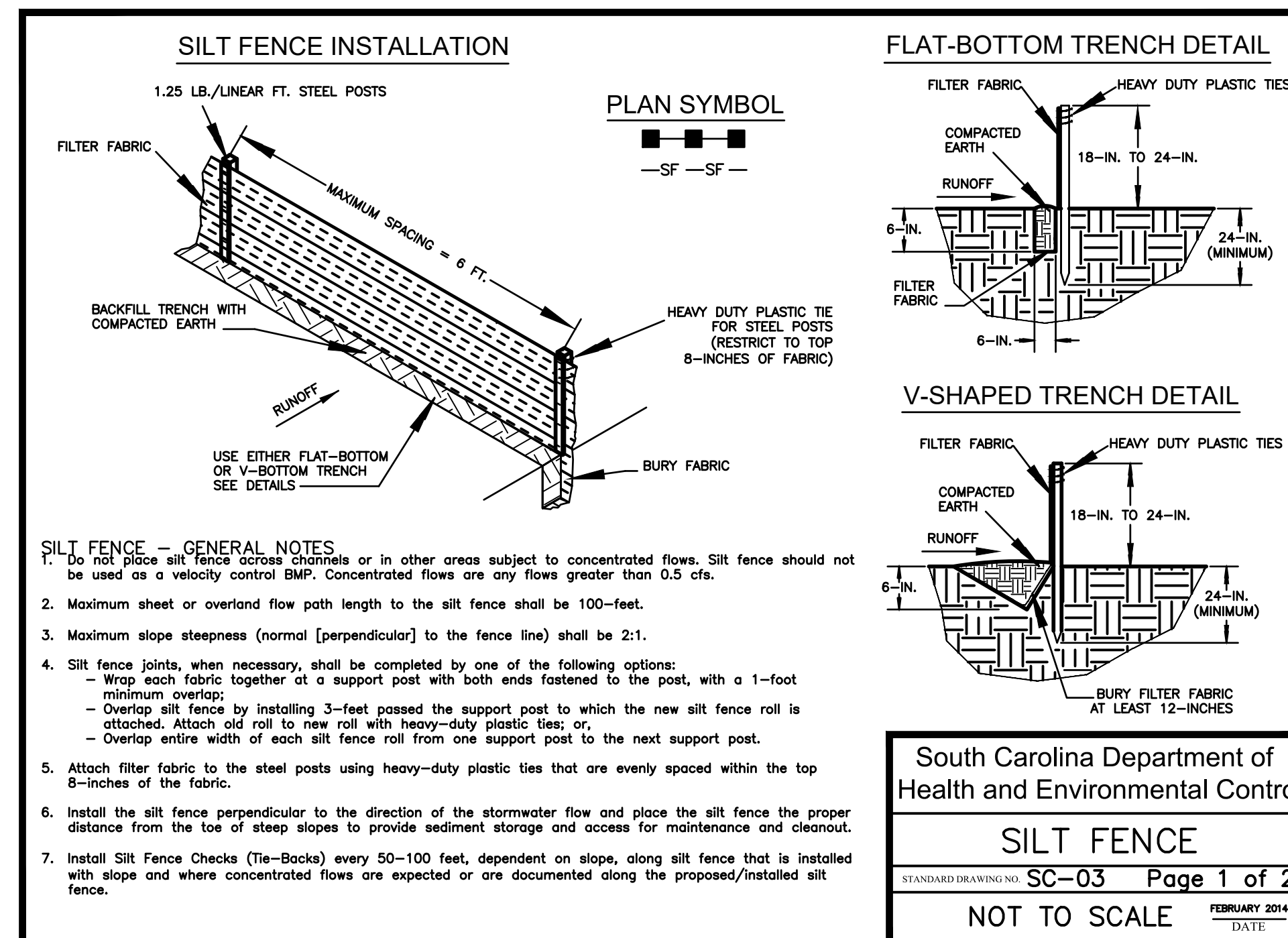
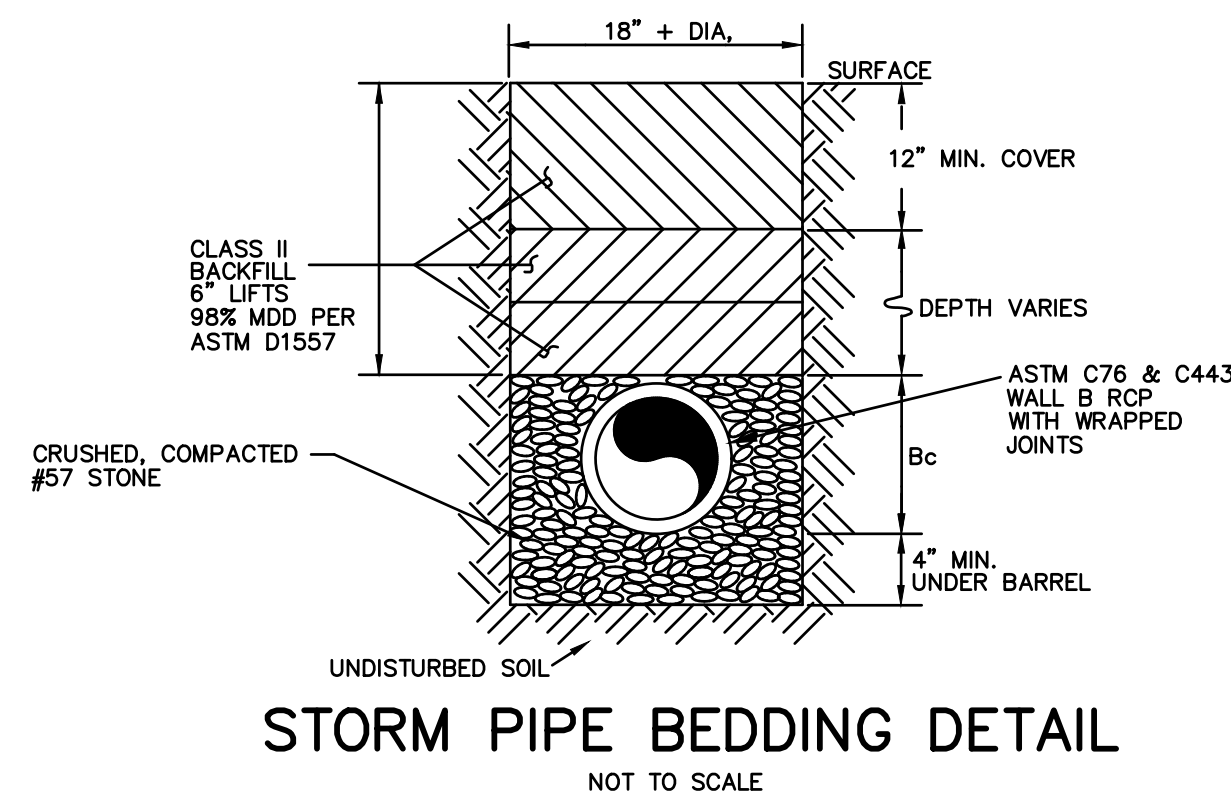


**E.M. SEABROOK**  
**Engineers | Surveyors**

1037 Chuck Dawley Blvd.  
Building F • Suite 200  
Post Office Box 96  
Mount Pleasant, SC 29465  
Phone (843) 884-4496  
[www.emseabrook.com](http://www.emseabrook.com)

NO.		DATE	REVISONS	
1		DEC. 11, 2020	COUNTRY COMMENTS	
DRAWN BY:		MSH		
CHECKED BY:		EMS		
JOB NO.:		2020031		
SCALE:		1" = 20'		
DATE:		JUNE 3, 2020		
<p style="text-align: center;">SHEET 1 OF 2</p>				

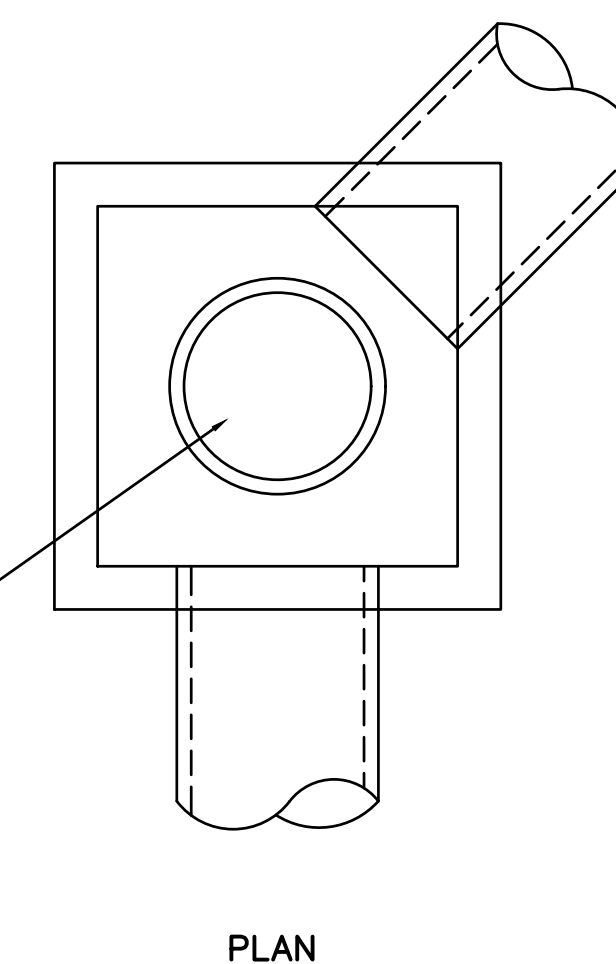
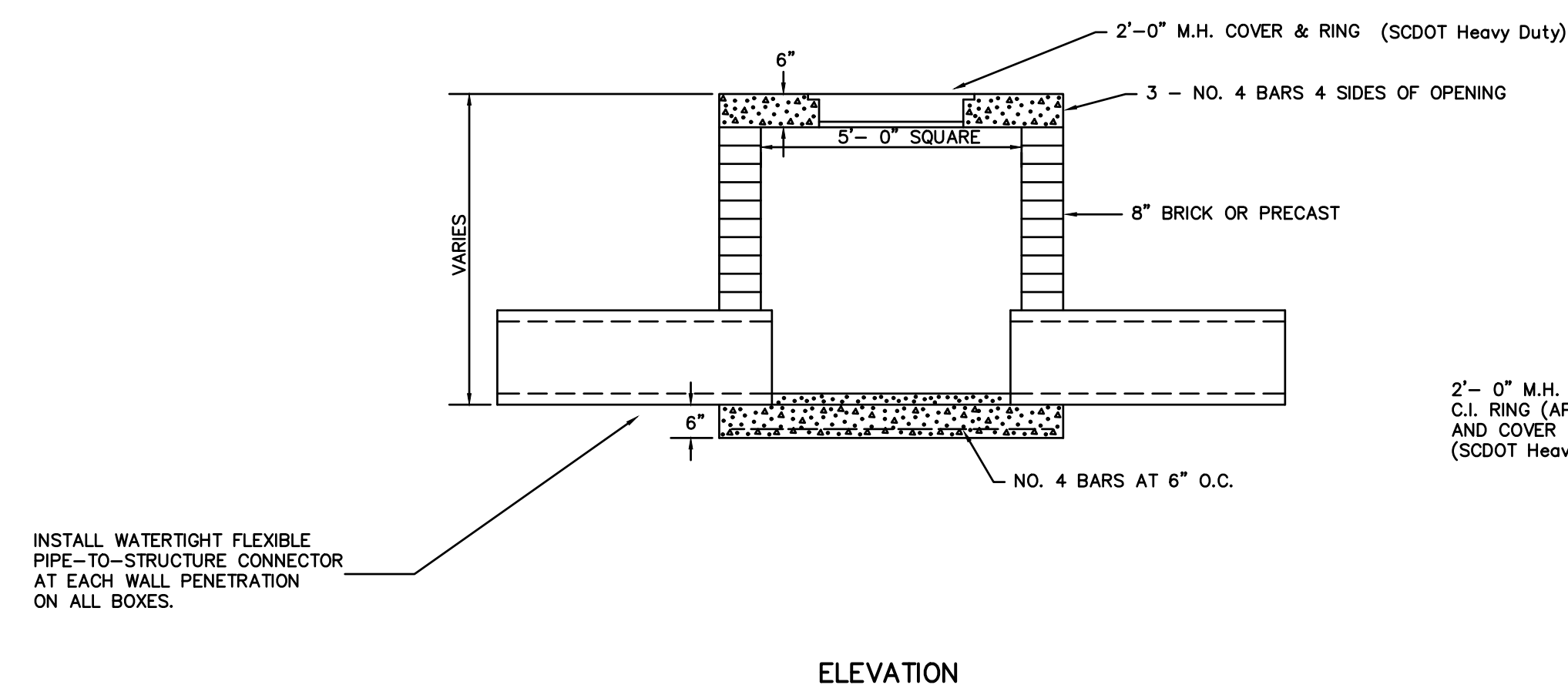
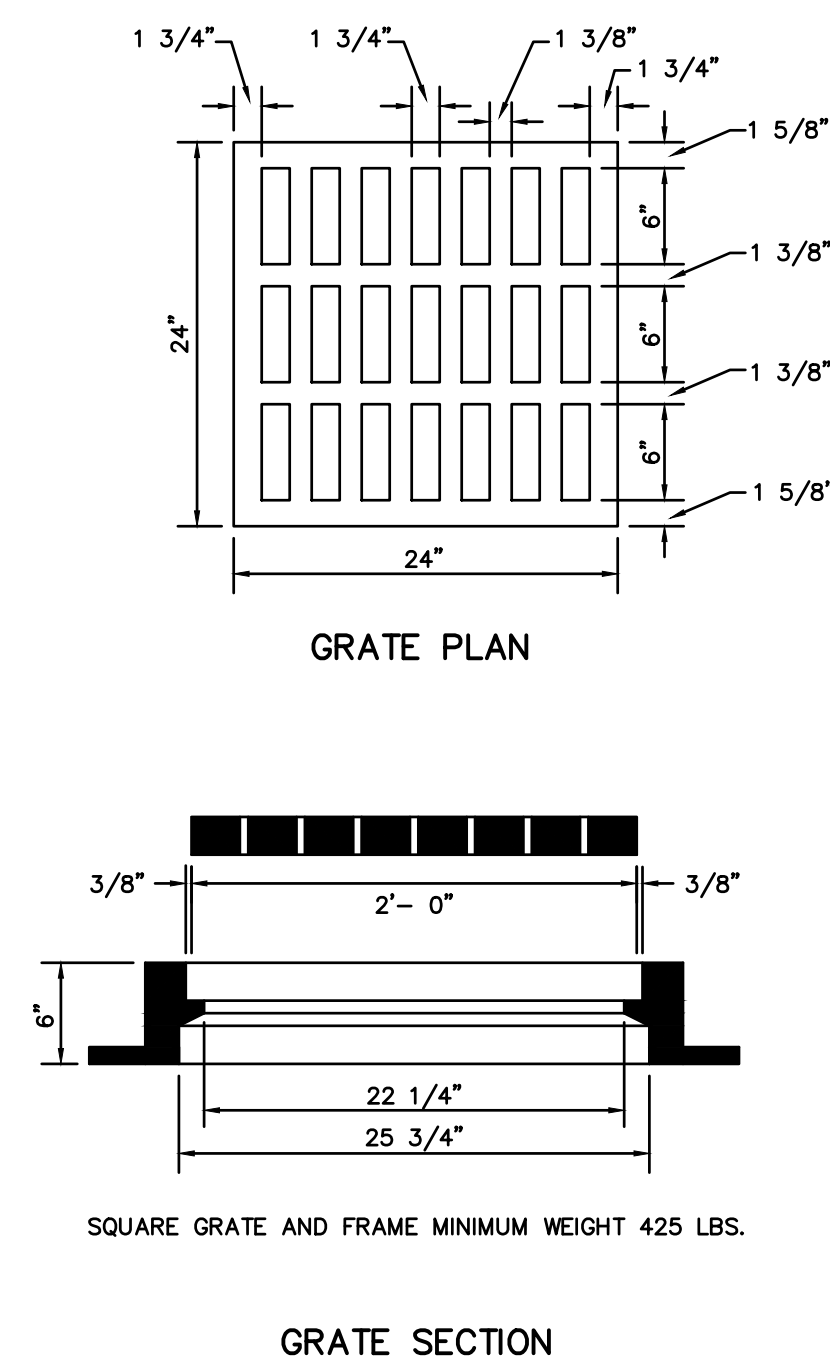
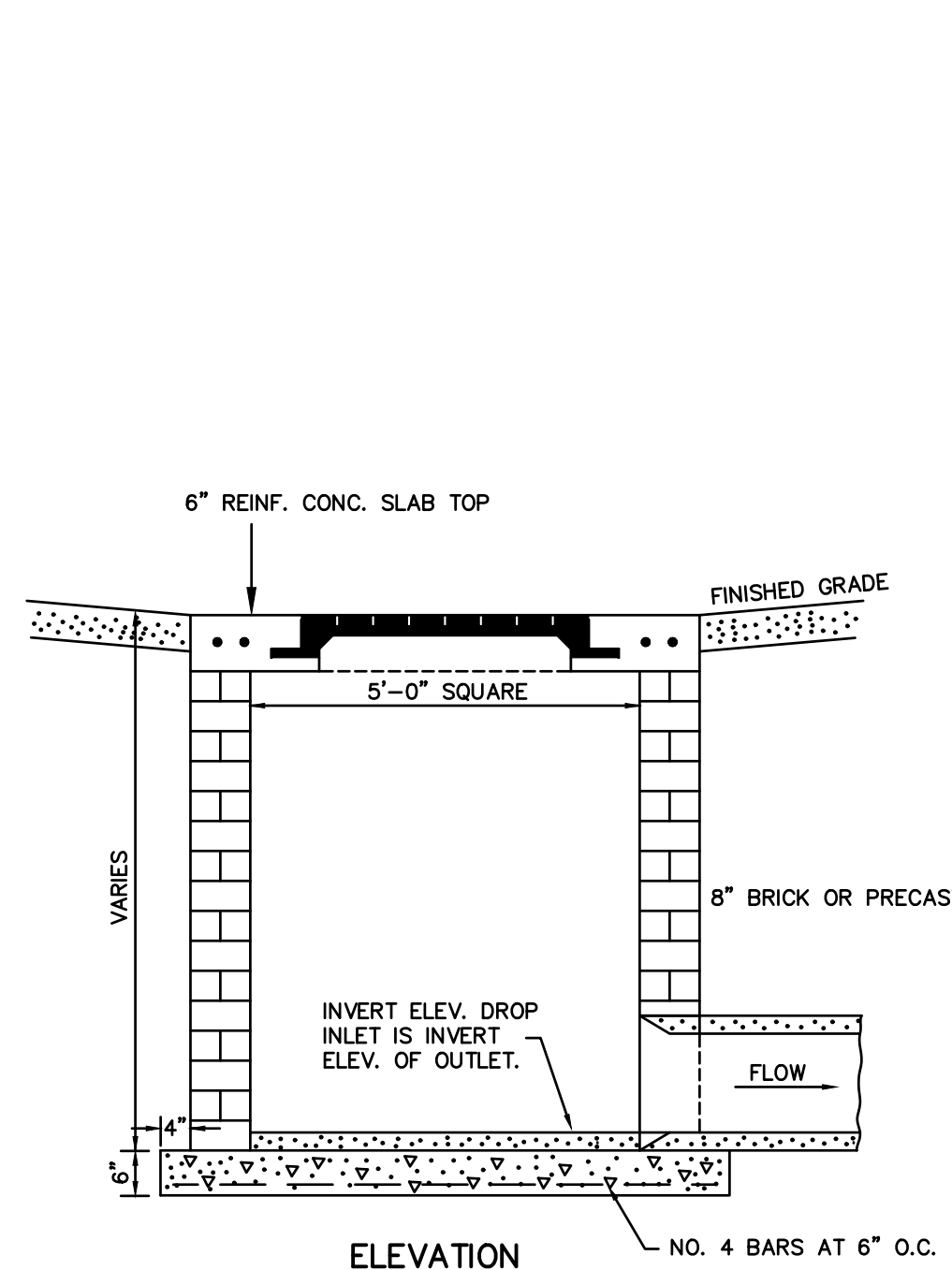




- ## SILT FENCE – POST REQUIREMENTS
1. **Silt Fence posts must be 48-inch long steel posts that meet, at a minimum, the following physical characteristics.**
    - Composed of a high strength steel with a minimum yield strength of 50,000 psi.
    - Include a standard "T" section with a nominal face width of 1.38-inches and a nominal "T" length of 1.48-inches.
    - Weigh 1.25 pounds per foot ( $\pm 8\%$ )
  2. Posts shall be equipped with projections to aid in fastening of filter fabric.
  3. Steel posts may need to have a metal soil stabilization plate welded near the bottom when installed along steep slopes or installed in loose soils. The plate should have a minimum cross section of 17-square inches and be composed of 10 gauge steel, at a minimum. The metal soil stabilization plate should be completely buried.
  4. Install posts to a minimum of 24-inches. A minimum height of 1- to 2-inches above the fabric shall be maintained, and a maximum height of 3 feet shall be maintained above the ground.
  5. Post spacing shall be at a maximum of 8-feet on center.

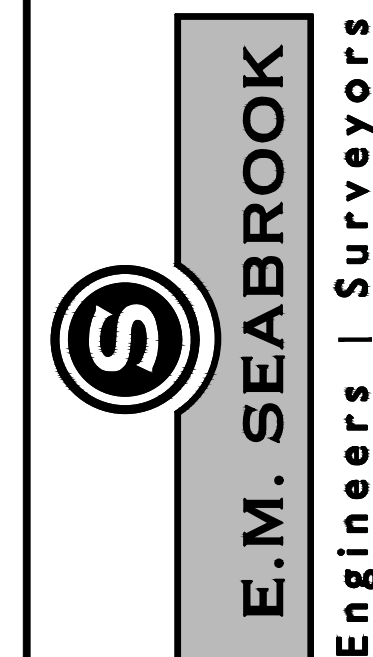
- ## SILT FENCE — INSPECTION & MAINTENANCE
1. The key to functional silt fence is weekly inspections, routine maintenance, and regular sediment removal.
  2. Regular inspections of silt fence shall be conducted once every calendar week and, as recommended, within 24-hours after each rainfall event that produces 1/2-inch or more of precipitation.
  3. Attention to sediment accumulations along the silt fence is extremely important. Accumulated sediment should be continually monitored and removed when necessary.
  4. Remove accumulated sediment when it reaches 1/3 the height of the silt fence.
  5. Removed sediment shall be placed in stockpile storage areas or spread thinly across disturbed area. Stabilize the removed sediment after it is relocated.
  6. Check for areas where stormwater runoff has eroded a channel beneath the silt fence or where the fence has sagged or collapsed due to runoff overtopping the silt fence. Install checks/bi-backs and/or reinstall silt fence as necessary.
  7. Check for tears within the silt fence, areas where silt fence has begun to disintegrate, and for any other circumstance that may render a silt fence ineffective. Remove damaged silt fence and reinstall new silt fence immediately.
  8. Silt fence should be removed within 30 days after final stabilization is achieved and once it is removed, the resulting disturbed area shall be permanently stabilized.

- ## SILT FENCE – FABRIC REQUIREMENTS
1. **Silt Fence must be composed of woven geotextile filter fabric that consists of the following requirements:**
    - Consists of fibers consisting of long chain synthetic polymers of at least 85% by weight of polyolefins, polyesters, or polyamides that are formed into a network such that the filaments or yarns retain dimensional stability regardless of each condition.
    - Free of any treatment or coating which might adversely alter its physical properties after installation.
    - Free of any defects or flaws that significantly affect its physical and/or filtering properties; and,
    - Have a minimum width of 36-inches.
  2. **Use only filter appearing on SC DOT's Qualified Products Listing (QPL), Approval Sheet #34, meeting the requirements of the most current edition of the SC DOT Standard Specification for Highway Construction.**
  3. **12-inches of the fabric should be placed within excavated trench and trenched when the trench is backfilled.**
  4. **Filter Fabric shall be purchased in continuous rolls and cut to the length of the barrier to avoid joints.**
  5. **Filter Fabric shall be installed at a minimum of 24-inches above the ground.**



A circular professional engineer seal for the State of South Carolina. The outer ring contains the text "SOUTH CAROLINA" at the top and "REGISTERED PROFESSIONAL ENGINEER" at the bottom, separated by two stars. The inner circle contains the text "& LAND SURVEYOR" and the number "8436". At the very bottom of the seal, the name "M. SEABROOK" is inscribed.

CONSTRUCTION DETAILS  
LOT 2B BLOCK F  
SECTION BC-2A  
CITY OF ISLE OF PALMS, SC



1037 Chuck Dawley Blvd.  
Building F • Suite 200  
Post Office Box 96  
Mount Pleasant, SC 29465  
Phone (843) 884-4496  
[www.emseabrook.com](http://www.emseabrook.com)

[illegible]

SHEET  
2  
OF  
2



**City Of Isle of Palms**  
**Public Works Temp Labor Expense**  
**Predictive Test of FY21 Total Expense**

FY21 YTD actual expense at \$13.36 hourly rate	81,509
Invoices in process not included above	<u>3,360</u>
Total expense through 12/18/2020 (24 wks)	84,869
12/19/19-6/30/20 prior year ctual expense (28 wks)	84,177
add 20% for increase in hourly rate to \$15.99	<u>16,835</u>
Total expense projected for 12/19/20-6/30/21	101,012
Total FY21 Estimated Expense	185,882
FY21 Budget	<u>200,000</u>
Estimated under budget at year end	14,118

**PROJECT CHECKLIST**  
**CHARLESTON COUNTY TRANSPORTATION SALES TAX PROGRAM**  
**FY 2022 ANNUAL ALLOCATIONS PROJECTS**

Providing as much of the following information as is known, or is applicable, will assist the Transportation Sales Tax Staff in completing the Objective Evaluation and Prioritization Process for each project requested. The Transportation Sales Tax staff acknowledges that not all requesting entities will have access to every item listed below, but accurate and complete information for as many of the items listed as possible will ensure that the benefits of each project are computed properly when all other projects within each category are evaluated.

**GENERAL**

Requesting Agency: \_\_\_\_\_

Project Name: \_\_\_\_\_

Allocation Category Requested:

\_\_\_ Local Paving

\_\_\_ Intersection Improvements

\_\_\_ Pedestrian/Bike Enhancement

Description of Project:

Brief explanation of the need for the project:

**Project Location (attach map showing location)**

Name of Municipality (if applicable): \_\_\_\_\_

County Council District: \_\_\_\_\_

Road Name: \_\_\_\_\_

Second Road Name: \_\_\_\_\_  
(if Intersection Improvement Project)

Specific Beginning point: \_\_\_\_\_  
(Intersecting street name, specific landmark, distance to closest road, etc.)

Specific Ending point: \_\_\_\_\_  
(Intersecting street name, specific landmark, distance to closest road, etc.)

**TECHNICAL PROJECT INFORMATION**

**For Local Paving Projects-**

Number of homes or businesses being served by the project: \_\_\_\_\_

Average Daily Traffic (VPD) using the road: \_\_\_\_\_

Does the road serve a school bus route? \_\_\_\_\_

Does project provide relief to a congested road? \_\_\_\_\_

Does the project tie to an artery? \_\_\_\_\_

Does the project tie to a local paved road? \_\_\_\_\_

Does the project impact significant right of way, known wetlands, grand trees, or  
other resources? \_\_\_\_\_

**For Intersection Improvements-**

Total number of accidents at this intersection in the last five (5) years: \_\_\_\_\_

Is the project intended to improve: \_\_\_\_\_ Safety  
\_\_\_\_\_ Capacity  
\_\_\_\_\_ Access

Does the project impact significant right of way, known wetlands, grand trees, or  
other resources? \_\_\_\_\_

For Pedestrian/Bike Enhancements-

Will the project tie to another similar facility? \_\_\_\_\_

Total number of accidents at this intersection in the last five (5) years: \_\_\_\_\_

What type of road will the project serve? \_\_\_\_\_ Artery  
\_\_\_\_\_ Collector  
\_\_\_\_\_ Neighborhood Street

How many schools are there within the project limits? \_\_\_\_\_

How many parks are there within the project limits? \_\_\_\_\_

Is transit present within the project limits? \_\_\_\_\_

Will the project connect to a Greenbelt? \_\_\_\_\_

**ADDITIONAL PROJECT INFORMATION**

If requesting more than one project, the total number of projects being requested: \_\_\_\_\_

Of the projects being requested, this project ranks as the number \_\_\_\_\_ priority.  
( 1 being the highest, 2 being the second highest, etc.)

If available, please provide any cost estimates that you may have prepared for the project for:

_____	Design Services
_____	Right of Way Acquisition
_____	Construction
_____	TOTAL

Please attach any documentation of public support for the project you may have.  
Also, please provide the dates of such documentation of support.  
(Letters of support, petition(s), resolution(s) by city or town council, etc.)