



# CITY OF PORT WENTWORTH

CITY COUNCIL

MARCH 28, 2019

---

Council Meeting Room

Regular Meeting

6:30 PM

---

305 SOUTH COASTAL HIGHWAY  
PORT WENTWORTH, GA 31407

**1. CALL MEETING TO ORDER**

**2. PRAYER AND PLEDGE OF ALLEGIANCE**

**3. ROLL CALL - CLERK OF COUNCIL**

**4. APPROVAL OF AGENDA**

**5. RECOGNITION OF SPECIAL GUESTS**

**6. ELECTIONS & APPOINTMENTS**

**7. ADOPTION OF MINUTES**

A. City Council - Regular Meeting - Feb 28, 2019 6:30 PM

**8. COMMUNICATIONS & PETITIONS**

**9. COMMITTEE REPORTS**

A. Committee Reports

**10. CONSENT AGENDA**

A. Agreement with M. Reed Kennedy DBA Brickhouse Live for the 2019 Stand Up For America Day Festival

B. Agreement with Music Garden for "City Heat" Band to perform at the 2019 Stand Up For America Day Festival

C. Agreement with DJ Turbo Music to provide services for the 2019 Stand Up For America Day Festival

D. Agreement with Falcon Fireworks to provide services for the 2019 Stand Up For America Day Festival

E. Agreement with Royal Restrooms to provide services for the 2019 Stand Up For America Day Festival

**11. UNFINISHED BUSINESS**

**12. NEW BUSINESS**

A. Subdivision Application submitted by Michael Hussey, Sundial Land Surveying, PC., on behalf of Coopers Hills, LLC., for PIN #: 7-0976-02-025 (Newport Boulevard) located in a P-RIP (Planned Residential Institutional) Zoning District for a Preliminary Plat of a Major Subdivision (Newport Square Townhomes) for the purpose of Single-Family Townhomes

- Public Hearing
- Action

**13. RESOLUTIONS/ORDINANCES/PROCLAMATIONS**

- A. Ordinance No. 19-01, Budget Adjustment for FY19, Public Safety Department, for a Vehicle Replacement, First Reading

- Public Hearing
- Action

**14. EXECUTIVE SESSION**

**15. PUBLIC COMMENTS - REGISTERED SPEAKERS**

**16. ADJOURNMENT**



# CITY OF PORT WENTWORTH

## CITY COUNCIL

FEBRUARY 28, 2019

Council Meeting Room

Regular Meeting

6:30 PM

305 SOUTH COASTAL HIGHWAY  
PORT WENTWORTH, GA 31407

### 1. CALL MEETING TO ORDER

Mayor Gary Norton called the meeting to order.

### 2. PRAYER AND PLEDGE OF ALLEGIANCE

Council Member Bill Herrin led in Prayer and Mayor Gary Norton led in the Pledge of Allegiance.

### 3. ROLL CALL - CLERK OF COUNCIL

Attendee Name	Title	Status	Arrived
Gary Norton	Mayor	Present	
Debbie Johnson	Mayor Pro Tem	Present	
Shari Dyal	Council Member	Present	
Mark Stephens	Council Member	Present	
Bill Herrin	Council Member	Present	
Thomas Barbee	Council Member	Present	
Linda Smith	Council Member	Present	
Phil Jones	City Administrator	Present	
Shanta Scarboro	Clerk of Council	Present	
Brian Harvey	Director of Development Services	Present	
Tiffany Lancaster	Director of Leisure Services	Present	
Matt Libby	Director of Public Safety	Present	
Lee Sherrod	Major of Police Department	Present	
Lance Moore	Fire Chief	Present	
Chirs Lee	Project Manager	Present	
Trent Long	City Engineer	Present	
Jim Vaughn	City Engineer	Present	
James L. Coursey, Jr.	City Attorney	Present	

### 4. APPROVAL OF AGENDA

Council Member Shari Dyal made a motion to approve the agenda with the following additions:

- Under **Communications & Petitions** add Item # A. - Interpretation of City of Port Wentworth Charter and
- Under **Executive Session** add Item # A. Personnel Matter.

### 5. RECOGNITION OF SPECIAL GUESTS

Mayor Gary Norton introduced Dottie Bailey with the National Alliance on Mental Illness (NAMI) who announced that the City of Port Wentworth will start hosting weekly sessions in support of those with mental health issues beginning the first week of March. The support group is titled NAMI Connection and classes will be held on the 1st and 3rd Monday's of each month from 7:00 p.m. until 8:30 p.m. at the Port Wentworth Neighborhood Senior Center. For more information about this support group, call 912-222-8108 or send an email to [dottie6761@gmail.com](mailto:dottie6761@gmail.com).

Minutes Acceptance: Minutes of Feb 28, 2019 6:30 PM (Adoption of Minutes)

**6. ELECTIONS & APPOINTMENTS**

There were none to report.

**7. ADOPTION OF MINUTES**

A. City Council - Regular Meeting - Jan 17, 2019 5:00 PM

<b>RESULT:</b>	<b>ACCEPTED [UNANIMOUS]</b>
<b>MOVER:</b>	Bill Herrin, Council Member
<b>SECONDER:</b>	Thomas Barbee, Council Member
<b>AYES:</b>	Johnson, Smith, Dyal, Stephens, Herrin, Barbee

**8. COMMUNICATIONS & PETITIONS**

The following items were presented to Council under Communications and Petitions:

A. Mayor Gary Norton stated that after having met with one of the representatives of the Georgia Ports Authority that he was happy to report that their would NOT be any further encroachment upon the City.

B. James L. Coursey, Jr., City Attorney, read a letter regarding the Form of Government of the City of Port Wentworth as presented by the Office of Legislative Counsel Atlanta, Georgia, signed by Julius B. Tolbert, Deputy

Legislative Counsel.

C. A presentation was made by Coach Anthony Edwards, Mayor Gary Norton and Mayor Pro Tem Debbie Johnson, of the 2019 CAA Championship Trophy to the 8 & Under Basketball Team for becoming first place champions

in their division.

**9. COMMITTEE REPORTS**

A. Committee Reports

Council Member Bill Herrin made a motion to dispense with the reading of the committee reports and make them part of the minutes. Seconded by Council Member Linda Smith. Vote was unanimous.

<b>RESULT:</b>	<b>APPROVED [UNANIMOUS]</b>
<b>MOVER:</b>	Bill Herrin, Council Member
<b>SECONDER:</b>	Linda Smith, Council Member
<b>AYES:</b>	Johnson, Smith, Dyal, Stephens, Herrin, Barbee

**10. CONSENT AGENDA**

A. Pay Request No. 11 from Griffin Contracting, Inc., in the amount of \$43,801.89 for the Phillips Ave Paving Project

**11. UNFINISHED BUSINESS**

There were none to report.

**12. NEW BUSINESS**

A. GMA - GIRMA Firefighter's Cancer Benefit Program Proposal for Coverage

Minutes Acceptance: Minutes of Feb 28, 2019 6:30 PM (Adoption of Minutes)

Phil Jones, City Administrator, stated that the GIRMA Firefighter's Cancer Benefit Program will cost roughly \$200,000.00 annually and is a state mandated program. Lance Moore, Chief of Fire Operations, elaborated further on this agenda item by stating that the program is directly related to Health Bill 146 which require each legal fire entity to provide coverage for its firefighters.

**RESULT:** APPROVED [UNANIMOUS]  
**MOVER:** Mark Stephens, Council Member  
**SECONDER:** Bill Herrin, Council Member  
**AYES:** Johnson, Smith, Dyal, Stephens, Herrin, Barbee

B. Chatham Area Transit Agreement to Run a Daytime St. Patrick's Day Shuttle

Council Member Thomas Barbee's motion was to approve the contract between the City of Port Wentworth and Chatham Area Transit (CAT) for the use of three (3) buses as a means of transportation for Port Wentworth residents to be shuttled to and from the St. Patrick's Day Parade in downtown Savannah.

**RESULT:** APPROVED [UNANIMOUS]  
**MOVER:** Mark Stephens, Council Member  
**SECONDER:** Bill Herrin, Council Member  
**AYES:** Johnson, Smith, Dyal, Stephens, Herrin, Barbee

C. City of Savannah Capital Cost Recovery bill for the month of December 2018 in the amount of \$49,380.00

Phil Jones, City Administrator, stated that this bill relates to the use of water for the Savannah I & D Plant and that the fees must be paid to the City of Savannah.

**RESULT:** APPROVED [UNANIMOUS]  
**MOVER:** Bill Herrin, Council Member  
**SECONDER:** Shari Dyal, Council Member  
**AYES:** Johnson, Smith, Dyal, Stephens, Herrin, Barbee

D. Site Plan Review Application submitted by Chad Zittrouer, Kern & Co, LLC., on behalf of Northpoint Industrial, LLC., for PIN #'s 7-0039-01-043, 7-0039-01-022Z, 7-0039-02-001, 7-0039-02-006, 7-0039-02-011Y, 7-0039-02-011Z, 7-0039-02-005, 7-0039-02-007 (Pinder Point Road) for a General Development Site Plan to allow a Warehouse Development in a P-I-1 (Planned Industrial) Zoning District

Chad Zittrouer was present to answer any questions of Mayor and Council.

Several residents that currently reside on Pinder Point Road were present to express their opinion regarding the build of a warehouse:

Andrew Seaver, 201 Pinderpoint Road, stated that he is NOT in favor of the project.  
 Ashley Burnsed, 211 Pinderpoint Road, stated that she is in favor of the project.  
 Andrea Anderson Brown, 130 Pinderpoint, stated that she is in favor of the project.  
 Sarilyn Berry, 155 Pinderpoint Road, stated that she is in favor of the project.  
 William Bell, Owner of Bell's Auto Sales, Inc., stated that he is in favor of the project.

**RESULT:**           **APPROVED [UNANIMOUS]**  
**MOVER:**           Thomas Barbee, Council Member  
**SECONDER:**       Linda Smith, Council Member  
**AYES:**             Johnson, Smith, Dyal, Stephens, Herrin, Barbee

**13. RESOLUTIONS/ORDINANCES/PROCLAMATIONS**

A. Proposed Changes to Ordinance 15.5, Article XV

Council Member Thomas Barbee made a motion to delay this agenda item until a Workshop can be held to discuss this matter further. Seconded by Council Member Bill Herrin. Vote was unanimous.

**RESULT:**           **DELAYED [UNANIMOUS]**  
**MOVER:**           Thomas Barbee, Council Member  
**SECONDER:**       Bill Herrin, Council Member  
**AYES:**             Johnson, Smith, Dyal, Stephens, Herrin, Barbee

**14. EXECUTIVE SESSION**

Council Member Bill Herrin made a motion to adjourn into Executive Session. Seconded by Council Member Mark Stephens. Vote was unanimous.

Council Member Thomas Barbee made a motion to adjourn Executive Session and reconvene the Regular City Council Meeting. Seconded by Council Member Shari Dyal. Vote was unanimous.

**15. PUBLIC COMMENTS - REGISTERED SPEAKERS**

Murray Marshall, Developer for BEP Rice Hope, addressed Mayor and Council regarding the right to enforce the covenants of a developed community.

Julius Robinson, 225 Grant Road, thanked Mayor and Council for resolving the hog issue with his neighbor and for the fine job the police is doing to patrol the area better. Mr. Robinson went on to also thank Council Member Thomas Barbee for his assistance in resolving a water issue. Lastly, Mr. Robinson asked if the City would look into the asphalt issue near his property.

Gary Cubbedge, 219 Aberfeldy Street, wished to thank Lara Horne at the Senior Center for a job well done, as well as the Public Safety Department for their continued support of the seniors.

**16. ADJOURNMENT**

There being no further business, Council Member Bill Herrin made a motion to adjourn. Seconded by Council Member Shari Dyal. Vote was unanimous.

\_\_\_\_\_  
Mayor Gary Norton

The foregoing minutes are true and correct and approved by me on this \_\_\_\_\_ day of \_\_\_\_\_, 2019.

ATTEST:

Minutes Acceptance: Minutes of Feb 28, 2019 6:30 PM (Adoption of Minutes)

\_\_\_\_\_  
Shanta M. Scarboro, Clerk of Council

Minutes Acceptance: Minutes of Feb 28, 2019 6:30 PM (Adoption of Minutes)



**City Council**  
305 South Coastal Highway  
Port Wentworth, GA 31407

**SCHEDULED**

Meeting: 03/28/19 06:30 PM  
Department: All  
Category: Report  
Prepared By: Shanta Scarboro  
Department Head: Brian Harvey

**AGENDA ITEM (ID # 2051)**

DOC ID: 2051

---

---

## Committee Reports

### ATTACHMENTS:

- March 2019 DPS Committee Report (PDF)
- February 2019 Development Services Monthly Report (DOCX)
- March 2019 Leisure Services Department Report (PDF)
- February 2019 Clearwater Solutions, LLC Monthly Report (PDF)
- February 2019 Standard PL Port Wentworth Chamber of Commerce (PDF)
- February 2019 Detail PL Port Wentworth Chamber of Commerce (PDF)



To: Mayor Norton  
 From: Director Libby ML  
 Date: March 15, 2019  
 Ref: Committee report

Sir,

Below is summary of the all the department's activity for the period of **February 14, 2019 through March 13, 2019**. The summary will provide Council the total number of calls for service police and fire units responded to as well as citations issued. It will also show the number of cases handle in our court during this period.

**Fire:**

Since **February 14, 2019** the fire department has responded to the following calls for service:

3	structure fires
0	open area fires
3	vehicle fires
59	medical calls
14	vehicle accidents with injuries
10	alarm calls
4	public service calls
2	Hazmat calls
0	Vehicle extrication

**Total calls – 98**

February 23<sup>rd</sup> FF Grimes and Poundstone conducted fire extinguisher training for Shaw Flooring company.

February 25<sup>th</sup> FF Lindsey completed Acting Officer in Charge for Fire Service training.

March 2<sup>nd</sup> FF Eady completed advanced vehicle training.

March 11<sup>th</sup> FF Emerson and Poundstone conducted fire extinguisher training for Imperial Sugar.

**Police:**

Since **February 14, 2019** the police department has issued **1009** citations. Officers conducted **1253** traffic stops. The department has made **109** arrests. **8** wanted fugitives were apprehended. **9** DUI cases were made along with **15** cases for possession of controlled substance and drug objects. The department was issued **3957** case report numbers for service calls. The department conducted **1952** residential and business checks. The department conducted **98** suspicious persons / vehicles stop. The department has responded to **88** accidents. The department has taking **231** incident reports. The department has also conducted **199** combined walking patrols at both schools the Renasant Bank and other businesses.

February 26<sup>th</sup> the police department partnered with the Chatham County Sheriff's Office and the 200 Club and presented Below 100 training to area officers. All of our officers have completed this training. It is designed to remind and teach officers the importance of driving safely, wearing their seatbelts and bullet resistant vest.

March 5<sup>th</sup> Major Sherrod completed Pursuit Intervention Instructors training at the Georgia Public Safety Center.

**FIRE CALLS CREATED  
BY DAY OF THE MONTH  
BY AGENCY**



STARTING DATE: 02/01/2019

ENDING DATE: 02/28/2019

	BF	GF	IH	PF	SF	SO	TF	WF	TOTAL
2/1/2019	1	9	1	4	12	1	1	2	31
2/2/2019	2	8	0	9	33	1	2	3	58
2/3/2019	0	5	0	10	16	1	1	3	36
2/4/2019	1	7	0	15	33	0	2	7	65
2/5/2019	3	12	0	6	18	0	0	2	41
2/6/2019	3	7	0	6	25	1	0	4	46
2/7/2019	2	10	0	9	16	0	0	4	41
2/8/2019	2	6	1	12	16	0	3	7	47
2/9/2019	1	6	0	10	17	2	0	3	39
2/10/2019	1	7	2	8	8	1	0	4	31
2/11/2019	1	12	1	12	18	1	3	3	51
2/12/2019	2	8	1	8	18	3	0	11	51
2/13/2019	1	5	0	12	27	0	1	11	57
2/14/2019	0	9	1	12	25	2	0	7	56
2/15/2019	0	6	0	7	20	1	2	7	43
2/16/2019	3	3	1	7	20	1	3	4	42
2/17/2019	2	2	0	11	24	0	2	1	42
2/18/2019	3	6	1	10	21	3	1	2	47
2/19/2019	2	4	0	4	13	0	2	3	28
2/20/2019	1	8	2	8	31	0	1	6	57
2/21/2019	0	8	0	9	20	2	1	5	45
2/22/2019	3	3	1	8	28	0	1	5	49
2/23/2019	1	4	3	13	20	1	1	6	49
2/24/2019	1	4	0	7	18	1	3	0	34
2/25/2019	2	2	1	7	18	0	4	3	37
2/26/2019	1	5	1	12	19	2	0	5	45
2/27/2019	5	4	0	7	19	0	0	8	43
2/28/2019	1	6	2	13	31	2	0	2	57
<b>TOTAL</b>	<b>45</b>	<b>176</b>	<b>19</b>	<b>256</b>	<b>584</b>	<b>26</b>	<b>34</b>	<b>128</b>	<b>1268</b>

PW

Attachment: March 2019 DPS Committee Report (2051 : Committee Reports)

**POLICE CALLS CREATED  
BY DAY OF THE MONTH  
BY AGENCY**

STARTING DATE: 02/01/2019

ENDING DATE: 02/28/2019



**SAVANNAH POLICE**

To Serve, Protect and Build Trust

SavannahPD.org

	BL	CC	GC	PL	PW	SP	TB	TOTAL
02/01/2019	13	453	87	95	156	1286	11	2101
02/02/2019	13	389	97	77	116	1333	20	2045
02/03/2019	3	412	60	57	111	1237	12	1892
02/04/2019	19	503	90	71	108	1022	11	1824
02/05/2019	23	422	91	86	100	1165	6	1893
02/06/2019	18	506	95	65	131	1178	9	2002
02/07/2019	14	396	91	105	127	1347	17	2097
02/08/2019	25	425	101	86	122	1164	13	1936
02/09/2019	18	471	93	148	80	1199	11	2020
02/10/2019	25	546	106	80	91	1269	16	2133
02/11/2019	8	471	97	49	128	1151	12	1916
02/12/2019	18	324	82	74	176	1099	15	1788
02/13/2019	22	487	83	99	107	1232	12	2042
02/14/2019	5	517	107	98	134	1285	7	2153
02/15/2019	32	441	99	113	158	1067	28	1938
02/16/2019	41	401	56	79	145	1053	23	1798
02/17/2019	36	473	58	66	148	1057	11	1849
02/18/2019	11	538	93	93	143	873	8	1759
02/19/2019	13	446	114	86	130	1173	19	1981
02/20/2019	13	338	82	60	149	1191	10	1843
02/21/2019	9	378	70	77	171	1194	14	1913
02/22/2019	14	468	81	107	134	1123	12	1939
02/23/2019	8	471	89	106	116	1131	17	1938
02/24/2019	10	426	93	84	100	1008	18	1739
02/25/2019	12	369	74	76	138	1122	20	1811
02/26/2019	8	335	107	95	168	1304	8	2025
02/27/2019	23	489	92	134	131	1068	9	1946
02/28/2019	7	502	108	96	133	1121	5	1972
<b>TOTAL</b>	<b>461</b>	<b>12397</b>	<b>2496</b>	<b>2462</b>	<b>3651</b>	<b>32452</b>	<b>374</b>	<b>54293</b>

Attachment: March 2019 DPS Committee Report (2051 : Committee Reports)

**DEVELOPMENT SERVICES MONTHLY REPORT / FEBRUARY 2019****INSPECTIONS / P&Z**

Building Permits Issued: 12  
Building Estimated Cost: \$4,221,646.91  
Permit Fees Paid: \$37,797.57  
Inspections Completed: 330  
Plan Reviews Completed: 12

## March 2019 LEISURE SERVICES DEPARTMENT REPORT

### Leisure Service Programs and Upcoming Events:

- Monday Night Volleyball 6:00-8:00 P.B. Edwards Jr Gymnasium.
- Monday Night Dance with Marilyn Jacobs at the Community House.
- Skate Night March 29<sup>th</sup> in the P.B. Edwards Jr. Gymnasium.
- Senior Center Bingo Monday and Friday at 10am.
- Senior Center every morning at 9am Brain Pop, Social, and trivia.
- GRPA district meeting March 27<sup>th</sup>.
- CAA league committee meeting March 28<sup>th</sup> April 3<sup>rd</sup>
- Baseball practice started for 8U, 10U and 12U the week of March 4<sup>th</sup> Monday- Friday.
- Softball practice started for 10U and 12U the week of March 11<sup>th</sup> Monday- Friday.
- Baseball and Softball RAMA will be on April 6<sup>th</sup>.
- Baseball and Softball games start the week of April 8<sup>th</sup>.
- Tee-ball Practice starts April 1<sup>st</sup>.
- Stand up for America Day Parade participants and number of entries as of March 22<sup>nd</sup>, 2019 is 26 entries and 600 people.
- Summer Camp registration started March 15<sup>th</sup> and we have 12 kids already registered. Camp will start May 28<sup>th</sup>.

### Ed Young Senior Center weekly numbers are an average for the weeks in February 2019

- February 1 Meals ordered (29) meals served (29) clients attended (30).
- February 4-8 (Meals ordered (24) meals served (24) clients attended (24).
- February 11-15 (Meals ordered (34) meals served (34) clients attended (34).
- February 18-22 (Meals ordered (27) meals served (27) clients attended (27).
- February 25-28 (Meals ordered (34) meals served (34) clients attended (34).

### March and April Leisure Services projects and monthly duties:

- Continue to advertise for summer camp at all Port Wentworth Schools and businesses.
- Work on painting the baseball and softball dugouts.
- Continue to work on softball field and baseball field, prep field for play.
- Accepting applications /interviewing and hiring for 2019 summer camp counselors.
- Continue to develop Leisure Services FY20 budget and first draft due March 18<sup>th</sup>. Meeting with City Administrator on March 26<sup>th</sup> at 10:30am. Budget workshop March 30<sup>th</sup>.
- Continue completing daily deposits and credit card import/export for all sports and rentals through our payment portal and Tyler Parks and Rec program.

- Gathering quotes for Veterans memorial Sign for Festival site. Putting up a temporary sign that Say's future home of Veterans memorial Park before Stand Up for America Day.
- Sanded and painted awning of Tommy Thomas pavilion.
- Installed Tommy Thomas Pavilion Signs on Kiosk and pavilion.
- Had all lights/ballast replaced under Tommy Thomas Pavillion and light installed on side walk.
- Painted Kiosk and replaced Plexi glass and cork inside of Kiosk at Tommy Thomas Pavilion and Houlihan Boat landing.
- Continue to work with DNR on Houlihan boat landing repairs.
- Continue to work on Stand up for America Day parade line up as parade participant forms return.
- Continue to manage the cash and receivables from our news Tyler Parks and Rec system. Daily deposits.
- Continue to maintain cleanliness of all Leisure Services Departments facilities.
- Continue to cut grass and maintain the entire gym/annex/senior center.
- Keep Dela Steel Park edged, and grass cut.
- Cut the grass and clean bathrooms at Houston Church.
- Had pipe replaced at fountain due to wear and tear. (Dye it blue for Stand up for America Day)
- Plant new flowers around the fountain for Stand up for America Day and for Spring.
- Trim bushes at fountain every other week and keep parking lots at Mobley cut and clean.
- Paint Houston Church in March 2019.
- Georgia Power will install new LED lights at festival site on all light poles and one light installed at Houlih Boat landing.
- Bonitz will be installing sound panels at the Ed Young Senior Center activity room.
- New Washer and Dryer installed at the Ed Young Senior Center.
- Summer Camp supplies and planning in in full swing.

**Port Wentworth, Ga  
Monthly Operating Report  
February 2019**



## Water Distribution:

### Hydrant Flushing program:

- Established a flushing program to obtain a safe and stable water supply.
- Volume of flushing since the beginning of month has been stabilized due to an established and consistent flushing program.
- Maintaining continuous flushing in Rice Hope Subdivision with lines coming from water meters on Moonlight Trail and at the Mossy Oak sample point.
- Residuals have continued to maintain levels towards end of month with minimal flushing.
- Week of the 4<sup>th</sup> flushed for 15 mins per day
- Week of the 11<sup>th</sup> flushed for 15 mins per day
- Week of the 18<sup>th</sup> flushed for 15 mins per day
- Week of the 25<sup>th</sup> flushed for 15 mins per day

Ground Water Withdrawal:	766,000 Gallons
Purchase Water from Savannah I&D:	22,959,850 Gallons

### Compliance:

- Took monthly Micro-Biological samples and sent to lab. **(Results: Passed)**
- Took Nitrate/Nitrite samples and sent to lab. **(Results: Passed)**

### Maintenance:

- Repaired a water leak at fire hydrant on Berrian Rd.
- Repaired water leak at 7306 Highway 21.
- Repaired water leak at 115 Commonwealth.
- Repaired water leak at 0 Rice Hope Subdivision (Rice Creek Club House)
- Repaired/Changed out 2" water meter at Rice Creek Apartments.
- Repaired 6 water meters.

### Wastewater Collection:

- Checked all lift stations (17) at least twice a week and performed routine maintenance.
- Cleaned probes, transducers, and floats as needed.

### Maintenance:

- Replaced battery for emergency generator at Newport Lift Station.





**Port Wentworth, Ga  
Monthly Operating Report  
February 2019**

**Streets & Drainage:**

Ditch Mowing	0 Ft
Ditches Dug	0 Ft
Ditch Debris Removal	0 Tons
Culverts Cleaned Out	0
Shoulder Mowing	7,400 Ft
Shoulder Litter Picked Up By Hand	36 Bags
Debris Pick Up Tonnage Landfill	0 Tons
Shop Dumpster Tonnage for Shoulder Litter	2.12 Tons
Pot Holes Fixed	7
Street Signs Replaced	1
Sign Pole Replaced	1
Catch Basin Repair	0
Street Sweeping Curbs	43,800 Ft
Street Sweeping Tonnage	0 Tons

**Maintenance:**

- Dressed up and put rock around Storm Drain Pipe at the intersection of Saussy Rd. & Grant Rd.

**Solid Waste:**

Damaged Trash Cans	14
Trash Cans Replaced/Distributed	13

**Wastewater Treatment Plant:**

**Maintenance:**

- Greased bearings on belt filter press.
- Greased Actuators for SBR 1, 2, & 3.
- Manually cleaned bar screens.
- Replaced Actuator for Sludge Valve #2 on Filter # 2.
- Thoroughly examined and put together PM Maintenance Schedule for WWTP.

Attachment: February 2019 Clearwater Solutions, LLC Monthly Report (2051 : Committee Reports)



Port Wentworth, Ga  
 Monthly Operating Report  
 February 2019

**Compliance:**

Raw Wastewater Treated monthly avg. **0.829** MGD, Total raw waste **23.209** MG

Parameter	Monthly Performance Indicator Discharged from plant	Target or Limit
BOD % Removal	99%	≥85%
Suspended Solids % Removal	100%	≥85%
Effluent: Total Phosphorous Monthly Avg.	0.06 mg/L	≤1.0mg/L
Total Ammonia (as N) Monthly Avg.	0.37 mg/L	≤1.0mg/L
Ultimate Oxygen Demand Monthly Avg.	0.0 lbs./day	0.0 lbs./day
Injected Dissolved Oxygen Monthly Avg.	130 lbs./day	≥36 lbs./day
Solids Disposal: Sludge, total dry weight in lbs.	66,415 lbs.	Report

Rainfall Monthly Total: **1.00"**

Attachment: February 2019 Clearwater Solutions, LLC Monthly Report (2051 : Committee Reports)



**Port Wentworth Chamber of Commerce, Inc.**  
**Profit & Loss**  
February 2019

	Feb 19
Ordinary Income/Expense	
Expense	
Events	
St. Patrick's Day Advertising	3,083.81
Total St. Patrick's Day	3,083.81
Total Events	3,083.81
General and Administrative	
Dues and Subscriptions	11.33
Education & Training	1,863.15
Insurance	
Health Insurance Expense Acct	241.68
Insurance - Other	1,830.23
Total Insurance	2,071.91
Office Equip/Computer Software	354.73
Office Rental & Utilities	1,750.00
Office Supplies	145.18
Payroll Taxes	605.66
Postage	13.99
Professional Fees	77.00
Salaries & Wages	6,300.00
Telephone/Internet	311.67
Travel   Meals & Entertainment	36.34
Total General and Administrative	13,540.96
Marketing & Creative Services	
Advertising	14,064.00
Total Marketing & Creative Services	14,064.00
Visitors Services	
Advertising	214.38
Welcome Sign	151.74
Visitors Services - Other	236.25
Total Visitors Services	602.37
<b>Total Expense</b>	<b>31,291.14</b>
<b>Net Ordinary Income</b>	<b>-31,291.14</b>
<b>Net Income</b>	<b>-31,291.14</b>

Attachment: February 2019 Standard PL Port Wentworth Chamber of Commerce (2051 : Committee Reports)

**Port Wentworth Chamber of Commerce, Inc.**  
**Profit & Loss Detail**  
**February 2019**

Type	Date	Num	Name	Memo	Class	Clr	Split	Amount	Balance
<b>Ordinary Income/Expense</b>									
<b>Expense</b>									
<b>Events</b>									
<b>St. Patrick's Day</b>									
<b>Advertising</b>									
Credit Card Ch...	02/07/19		Google Adwords	246921690...	Hotel/M...		Credit Card ...	243.55	243.55
Bill	02/28/19	MCC...	LowCountry Radi...	MCC-1190...	Hotel/M...		Accounts Pa...	600.00	843.55
Bill	02/28/19	55-0...	HYFN Local	Invoice # 5...	Hotel/M...		Accounts Pa...	2,240.26	3,083.81
Total Advertising								3,083.81	3,083.81
Total St. Patrick's Day								3,083.81	3,083.81
Total Events								3,083.81	3,083.81
<b>General and Administrative</b>									
<b>Dues and Subscriptions</b>									
Credit Card Ch...	02/12/19		Savannah Morni...	247893090...	Hotel/M...		Credit Card ...	11.33	11.33
Total Dues and Subscriptions								11.33	11.33
<b>Education &amp; Training</b>									
Credit Card Ch...	02/25/19		Westin Hotels S...	247554290...	Hotel/M...		Credit Card ...	1,863.15	1,863.15
Total Education & Training								1,863.15	1,863.15
<b>Insurance</b>									
<b>Health Insurance Expense Acct</b>									
Check	02/08/19		Trisha M. Growe	Employer C...	Hotel/M...		Renasant B...	120.84	120.84
Check	02/22/19		Trisha M. Growe	Employer C...	Hotel/M...		Renasant B...	120.84	241.68
Total Health Insurance Expense Acct								241.68	241.68
<b>Insurance - Other</b>									
Bill	02/01/19	2019	J&J Preferred	2019	Hotel/M...		Accounts Pa...	1,823.50	1,823.50
Credit Card Ch...	02/21/19		Amazon	246921690...	Hotel/M...		Credit Card ...	6.73	1,830.23
Total Insurance - Other								1,830.23	1,830.23
Total Insurance								2,071.91	2,071.91
<b>Office Equip/Computer Software</b>									
Credit Card Ch...	02/22/19		Amazon	246921690...	Hotel/M...		Credit Card ...	249.83	249.83
Check	02/26/19		Adobe	HANDY CH...	Hotel/M...		Renasant B...	104.90	354.73
Total Office Equip/Computer Software								354.73	354.73
<b>Office Rental &amp; Utilities</b>									
Bill	02/19/19	Marc...	Boyett Insurance...	Invoice: Ma...	Hotel/M...		Accounts Pa...	1,750.00	1,750.00
Total Office Rental & Utilities								1,750.00	1,750.00
<b>Office Supplies</b>									
Credit Card Ch...	02/25/19		Wal-Mart	244450090...	Hotel/M...		Credit Card ...	145.18	145.18
Total Office Supplies								145.18	145.18
<b>Payroll Taxes</b>									
Check	02/01/19		IRS	Federal Un...	Hotel/M...		Renasant B...	73.50	73.50
Check	02/01/19		Janice Cantrell	Pay Period:...	Hotel/M...		Renasant B...	16.08	89.58
Check	02/01/19		Trisha M. Growe	Pay Period:...	Hotel/M...		Renasant B...	117.99	207.57
Check	02/08/19		Janice Cantrell	Pay Period:...	Hotel/M...		Renasant B...	16.08	223.65
Check	02/08/19		Trisha M. Growe	Pay Period:...	Hotel/M...		Renasant B...	112.74	336.39
Check	02/15/19		Janice Cantrell	Pay Period:...	Hotel/M...		Renasant B...	32.17	368.56
Check	02/15/19		Trisha M. Growe	Pay Period:...	Hotel/M...		Renasant B...	104.52	473.08
Check	02/22/19		Janice Cantrell	Pay Period:...	Hotel/M...		Renasant B...	32.17	505.25
Check	02/22/19		Trisha M. Growe	Pay Period:...	Hotel/M...		Renasant B...	100.41	605.66
Total Payroll Taxes								605.66	605.66
<b>Postage</b>									
Credit Card Ch...	02/11/19		Stamps.com	246921690...	Hotel/M...		Credit Card ...	13.99	13.99
Total Postage								13.99	13.99
<b>Professional Fees</b>									
Check	02/04/19		Merchant Servic...	ACH DEBI...	Hotel/M...		Renasant B...	15.31	15.31
Check	02/04/19		Merchant Servic...	ACH DEBI...	Hotel/M...		Renasant B...	15.31	30.62
Check	02/28/19	ACH	Payroll Service F...		Hotel/M...		Renasant B...	46.38	77.00
Total Professional Fees								77.00	77.00

Attachment: February 2019 Detail PL Port Wentworth Chamber of Commerce (2051 : Committee Reports)

**Port Wentworth Chamber of Commerce, Inc.**  
**Profit & Loss Detail**  
**February 2019**

Type	Date	Num	Name	Memo	Class	Clr	Split	Amount	Balance
<b>Salaries &amp; Wages</b>									
Check	02/01/19		Janice Cantrell	Pay Period:...	Hotel/M...		Renasant B...	175.00	175.00
Check	02/01/19		Trisha M. Growe	Pay Period:...	Hotel/M...		Renasant B...	1,312.50	1,487.50
Check	02/08/19		Janice Cantrell	Pay Period:...	Hotel/M...		Renasant B...	175.00	1,662.50
Check	02/08/19		Trisha M. Growe	Pay Period:...	Hotel/M...		Renasant B...	1,312.50	2,975.00
Check	02/15/19		Janice Cantrell	Pay Period:...	Hotel/M...		Renasant B...	350.00	3,325.00
Check	02/15/19		Trisha M. Growe	Pay Period:...	Hotel/M...		Renasant B...	1,312.50	4,637.50
Check	02/22/19		Janice Cantrell	Pay Period:...	Hotel/M...		Renasant B...	350.00	4,987.50
Check	02/22/19		Trisha M. Growe	Pay Period:...	Hotel/M...		Renasant B...	1,312.50	6,300.00
Total Salaries & Wages								6,300.00	6,300.00
<b>Telephone/Internet</b>									
Credit Card Ch...	02/04/19		Comcast	246921690...	Hotel/M...		Credit Card ...	180.85	180.85
Credit Card Ch...	02/04/19		Verizon wireless	246921690...	Hotel/M...		Credit Card ...	130.82	311.67
Total Telephone/Internet								311.67	311.67
<b>Travel   Meals &amp; Entertainment</b>									
Credit Card Ch...	02/21/19		Flash Foods #146	242244390...	Hotel/M...		Credit Card ...	36.34	36.34
Total Travel   Meals & Entertainment								36.34	36.34
Total General and Administrative								13,540.96	13,540.96
<b>Marketing &amp; Creative Services</b>									
<b>Advertising</b>									
Bill	02/01/19	6844	Travel Host Sav...	Invoice # 6...	Hotel/M...		Accounts Pa...	375.00	375.00
Bill	02/02/19	MM7...	Savannah Maga...	Savannah I...	Hotel/M...		Accounts Pa...	8,532.00	8,907.00
Bill	02/04/19	HS0...	Great Southern ...	Invoice #: ...	Hotel/M...		Accounts Pa...	500.00	9,407.00
Bill	02/04/19	HS0...	Great Southern ...	Invoice # H...	Hotel/M...		Accounts Pa...	500.00	9,907.00
Credit Card Ch...	02/06/19		Canva	244921590...	Hotel/M...		Credit Card ...	1.00	9,908.00
Check	02/11/19	ACH	Lesley Francis P...	Invoice # L...	Hotel/M...		Renasant B...	4,156.00	14,064.00
Total Advertising								14,064.00	14,064.00
Total Marketing & Creative Services								14,064.00	14,064.00
<b>Visitors Services</b>									
<b>Advertising</b>									
Check	02/06/19	DC	ChamberMaster	Memo:HAN...	Hotel/M...		Renasant B...	214.38	214.38
Total Advertising								214.38	214.38
<b>Welcome Sign</b>									
Credit Card Ch...	02/04/19		Verizon wireless	246921690...	Hotel/M...		Credit Card ...	40.58	40.58
Check	02/06/19		Georgia Power	ACH DEBI...	Hotel/M...		Renasant B...	111.16	151.74
Total Welcome Sign								151.74	151.74
<b>Visitors Services - Other</b>									
Credit Card Ch...	02/04/19		80 West Mini Sto...	242753990...	Hotel/M...		Credit Card ...	236.25	236.25
Total Visitors Services - Other								236.25	236.25
Total Visitors Services								602.37	602.37
Total Expense								31,291.14	31,291.14
Net Ordinary Income								-31,291.14	-31,291.14
<b>Net Income</b>								<b>-31,291.14</b>	<b>-31,291.14</b>

Attachment: February 2019 Detail PL Port Wentworth Chamber of Commerce (2051 : Committee Reports)



**City Council**  
305 South Coastal Highway  
Port Wentworth, GA 31407

Meeting: 03/28/19 06:30 PM  
Department: Administration  
Category: Agreement  
Prepared By: Shanta Scarboro  
Department Head: Shanta Scarboro

**SCHEDULED**

**AGENDA ITEM (ID # 2054)**

DOC ID: 2054

---

## **Agreement with M. Reed Kennedy DBA Brickhouse Live for the 2019 Stand Up For America Day Festival**

**Issue/Item:**

Agreement with M. Reed Kennedy DBA Brickhouse Live for the 2019 Stand Up For America Day Festival.

**Background:**

M. Reed Kennedy DBA Brickhouse Live will provide the main stage rental, lighting services and sound reinforcements for the Annual Stand Up For America Day (SUFAD) Festival. The cost is \$3,500.00.

**Funding:**

Stand Up For America Day line item.

**Recommendation:**

Approval.

**ATTACHMENTS:**

- M. Reed Kennedy DBA Brickhouse Live (PDF)

## SERVICE CONTRACT

This Agreement is made this 1st day of February \_\_\_\_\_, 2019, by and between the City of Port Wentworth ("Client"), with a principal place of business at 305 South Coastal Highway, Port Wentworth, Chatham County, Georgia 31407, and M. Reed Kennedy d/b/a Brickhouse Live ("Contractor"), with a principal place of business at P. O. 40 \_\_\_\_\_ Statesboro, Bulloch County, Georgia 30459.

### ARTICLE 1 TERM OF CONTRACT

**1.01. Term.** This Agreement shall become effective on the date stated above and will continue in effect until the services provided for under this Agreement have been performed or until terminated as provided in Article 6 of this Agreement.

### ARTICLE 2 SERVICES TO BE PERFORMED BY CONTRACTOR

**2.01. Specific Services.** Contractor agrees to provide lighting services and sound reinforcements (the "Services") for the **Stand Up for America Festival** (the "Event"). The Event shall be held on Saturday, April 27, 2019.

Contractor shall provide:

- a. Sound reinforcement and support from 8:30 a.m. until completion of the Event; and
- b. Lighting services and support from 7:00 p.m. until completion of the Event.
- c. Stage Rental

A work plan detailing the equipment and materials to be provided and a tentative schedule is attached as Exhibit A and incorporated herein by reference.

**2.02. Method of Performing Services.** Contractor will determine the method, details, and means of performing the Services described in Section 2.01. Client may specify only the results desired in regard to the specified Services.

**2.03. Employment of Assistants.** Contractor may, at Contractor's own expense, employ any assistants that Contractor deems necessary to perform the services required of Contractor by this Agreement. Client may not control, direct, or supervise Contractor's assistants or employees in the performance of those services.

### ARTICLE 3 COMPENSATION

**3.01. Total Compensation.** In consideration for the Services to be performed by Contractor, Client agrees to pay to Contractor the sum of Three Thousand Five Hundred and No/100 (\$3,500.00) Dollars. Said amount is inclusive of any deposit described in Section 3.02.

Upon execution of this Agreement, Client shall pay Contractor a non-refundable deposit of One Thousand Five Hundred and No/100 (\$1,500.00) Dollars to reserve the equipment, materials, and Contractor shall apply said non-refundable deposit toward the total compensation provided in

Section 3.01.

**3.03. Date for Payment of Balance.** Client agrees to pay Contractor the balance of the sum set forth in Section 3.01, less any deposit set forth in Section 3.02, immediately upon completion of the Services. Thus, Client shall pay Contractor the sum of Two Thousand and No/100 (\$2,000.00) Dollars upon completion of the Services.

#### ARTICLE 4 OBLIGATIONS OF CONTRACTOR

**4.01. Tools and Instrumentalities.** Contractor will supply all materials, equipment, labor, tools, and instruments required to perform the services under this Agreement except as described in Section 5.03.

**4.02. Limited Liability.** Contractor will not be liable to Client, or to anyone who may claim any right due to a relationship with Client, for any acts or omissions in the performance of services under this Agreement or on the part of the employees or agents of Contractor unless the acts or omissions are due to willful misconduct. Client will indemnify and hold Contractor free and harmless from any obligations, costs, claims, judgments, and attorneys' fees, and attachments arising from, growing out of, or in any way connected with the services rendered to Client under this Agreement, unless Contractor is judged by a court of competent jurisdiction to be guilty of willful misconduct.

**4.03. Disclaimer.** Contractor shall make every reasonable effort to complete the Services. Contractor shall not be liable for any loss, damages, or failure to perform due to causes beyond Contractor's reasonable control, including, but not limited to, fire, inclement weather, storm, flood, hurricane, earthquake, explosion, accident, acts of God, acts of the federal, state, or local government or any agency thereof, and judicial action.

**4.04. Assignment by Contractor.** Neither this Agreement nor any duties or obligations under this Agreement may be assigned by Contractor without the prior written consent of Client.

#### ARTICLE 5 OBLIGATIONS OF CLIENT

**5.01. Cooperation of Client.** Client agrees to comply with all reasonable requests of Contractor necessary to the performance of Contractor's duties under this Agreement.

**5.02. Place of Work.** Client agrees to furnish space for use by Contractor while performing the services under this Agreement.

**5.03 Staff and Materials Provided by Client.** Client agrees to provide the following:

- a. No less than one (1) volunteer from 11:00 a.m. until 6:00 p.m. during the Event to assist Contractor with sound production and/or band relations;
- b. An event liaison or coordinator for questions, answers, and other technical support throughout the Event; and
- c. All electrical outlets equal to no less than one hundred (100) amps for lighting and sound production.

Contractor is not responsible for providing back line instruments, including, but not limited to, drums, guitars, basses, horns, keyboards, and amplifiers.



**5.04. Assignment by Client.** Neither this Agreement nor any duties or obligations under this Agreement may be assigned by Client without the prior written consent of Contractor.

## ARTICLE 6 TERMINATION OF AGREEMENT

**6.01. Termination upon Notice.** Notwithstanding any other provision of this Agreement, either party may terminate this Agreement at any time by giving thirty (30) days written notice to the other party. Unless otherwise terminated as provided in this section, this Agreement shall continue in force until the services provided for have been fully and completely performed.

**6.02. Termination on Occurrence of Stated Events.** This Agreement shall terminate automatically on the occurrence of any of the following events:

- a. Bankruptcy or insolvency of either party;
- b. Death or dissolution of either party; or
- c. Assignment of this Agreement by either party without the consent of the other party.

## ARTICLE 7 GENERAL PROVISIONS

**7.01. Notices.** Any notices to be given under this Agreement by either party to the other may be effected either by personal delivery in writing or by registered or certified mail, with postage prepaid and return receipt requested. Mailed notices shall be addressed to:

As to Brickhouse Live:

M. Reed Kennedy, Jr.  
P.O. Box 40  
Statesboro, GA 30459  
(912) 531-0695  
reed@kenbrick.com

As to City of Port Wentworth:

City of Port Wentworth  
Attention: \_\_\_\_\_  
305 South Coastal Highway  
Pt. Wentworth, GA 31407  
(912) 966-7428

Each party may change the address for receipt of notice by giving written notice in accordance with this paragraph. Notices delivered personally will be deemed communicated at the time of delivery. Mailed notices will be deemed communicated at the time of receipt.

**7.02. Entire Agreement of the Parties.** This Agreement supersedes any and all agreements, both oral and written, between the parties with respect to the rendering of services by Contractor for Client and contains all of the covenants and agreements between the parties with respect to the rendering of these services in any manner whatsoever. Each party acknowledges that no representations, inducements, promises, or agreements, written or oral, have been made by either party, or by anyone acting on behalf of either party, that are not embodied in this Agreement. Any

modification of this Agreement will be effective only if it is in a writing signed by the party to be charged.

**7.03. Severability.** If any provision in this Agreement is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions will nevertheless continue in full force without being impaired or invalidated in any way.

**7.04. Review by Legal Counsel; Construction.** The undersigned parties represent that they have relied upon the legal advice of their counsel, who are the attorneys of their own choice, and that the undersigned parties have read the terms of this Agreement and that these terms are fully understood and voluntarily accepted. Contractor and Client have participated jointly in the negotiation and drafting of this Agreement. If a question concerning intent or interpretation arises, no presumption or burden of proof shall arise favoring or disfavoring either party by virtue of authorship.

**7.05. Attorneys' Fees.** If any action at law or in equity, including an action for declaratory relief, is brought to enforce or interpret the provisions of this Agreement, the prevailing party will be entitled to reasonable attorneys' fees in addition to any other relief to which that party may be entitled. The attorneys' fees may be set by the court in the same action or in a separate action brought for that purpose.

**7.06. Headings.** Headings are inserted in this Agreement only for convenience, and in no way define, limit, or describe the scope or intent of any provision of this Agreement.

**7.07. No Waiver.** The waiver by either party of any breach of any provision of this Agreement must be in writing and shall not be construed as a waiver of any succeeding breach of the same or any other provision.

**7.08. Governing Law; Venue.** This Agreement will be governed by and construed in accordance with the laws of the State of Georgia. The parties agree that venue for any action arising from or connected with this Agreement shall lie in the Superior Court of Bulloch County, Georgia.

**THE REMAINDER OF THIS PAGE LEFT INTENTIONALLY BLANK**

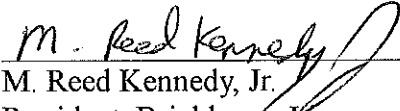
IN WITNESS WHEREOF, this Agreement has been executed by the parties on the date first above written.

**CLIENT:**

City of Port Wentworth

By: \_\_\_\_\_  
\_\_\_\_\_, Mayor

**CONTRACTOR:**

  
\_\_\_\_\_  
M. Reed Kennedy, Jr.  
President, Brickhouse Live

Attachment: M. Reed Kennedy DBA Brickhouse Live (2054 : Agreement with Brickhouse Live for Stand Up For America Day)



**City Council**  
305 South Coastal Highway  
Port Wentworth, GA 31407

Meeting: 03/28/19 06:30 PM  
Department: Administration  
Category: Agreement  
Prepared By: Shanta Scarboro  
Department Head: Shanta Scarboro

**SCHEDULED**

**AGENDA ITEM (ID # 2055)**

DOC ID: 2055

---

## **Agreement with Music Garden for "City Heat" Band to perform at the 2019 Stand Up For America Day Festival**

**Issue/Item:**

Agreement with Music Garden for "City Heat" Band to perform at the 2019 Stand Up For America Day Festival.

**Background:**

This is a contract for personal services of entertainers between the Music Garden and the City of Port Wentworth for the cover band "City Heat" to perform at the 2019 Stand Up For America Day Festival. The cost is \$7,650.00.

**Funding:**

Stand Up For America Day line item.

**Recommendation:**

Approval.

**ATTACHMENTS:**

- Music Garden City Heat (PDF)

53349

# MusicGarden

MusicGardenBands.com

800-689-2263(BAND). Fax: 334-260-9947. office@musicgarden.net. 241 Mendel Pkwy E, Montgomery, AL 36117

## SIGNED CONTRACT DUE WITHIN 10 DAYS

THIS IS A CONTRACT for personal services of entertainers on the engagement described below, made and entered into on 1-17-19 between the undersigned Purchaser of Music (herein referred to as "Purchaser"), and the undersigned ("artist(s)).

**PURCHASER:** Stand Up for America

**ARTIST:** City Heat

**DATE:** Saturday, April 27, 2019 **TIME:** Approx. Start Time 7:00 PM ET (3-45 minute sets)

**LOCATION:** 300 Block of Cantyre Street – Port Wentworth, GA

**TYPE of SHOW:** Corporate Event

**COMPENSATION** \$ 7650.00

**\$ 1530.00 deposit by check, payable to Music Garden and signed contract due within 10 days.**

**\$ 6120.00 due to the Artist(s) (payable to: Tina Davis by Cashier's Check Only) on 4-27-19, prior to the performance.**

**SOUND and LIGHTS:** to be provided by Purchaser

**NOTES:**

**AGREEMENT:** Artist(s) and Purchaser herein agree that Music Garden, Inc., has performed a valuable service to each of them in bringing the two parties together for mutual benefit. Therefore, Artist(s) and Purchaser agree and guarantee to Music Garden, Inc. that should Artist(s) accept employment again from Purchaser, that Artist(s) and Purchaser will negotiate said play date through Music Garden, Inc. and the Artist(s) agrees to pay Music Garden, Inc. its usual and normal commission from the said play date for a period of twenty-four (24) months.

**RELEASE OF LIABILITY:** It is understood and agreed by Purchaser and Artist(s) that Music Garden, Inc. is not a party to this contract, and that its only function is that of a booking agency, and further that Music Garden, Inc. is not responsible to either party for breach of this contract. It is also understood that The Music Garden assumes no liability for the execution of the terms and conditions of this contract.

**PROVISIONS:** If performance is to be outdoors, Artist(s) and equipment need to be raised off of the ground and adequately covered from the elements (this is from the side as well as from the top) of the tent or other structure. Fans should be provided to accommodate for warm weather as well as if the temperature is going to be below 50 Fahrenheit, then heating will be provided by the purchaser in the sheltered area. Artist(s) shall not be required to perform outdoors if weather conditions make performance unsafe for Artist(s) and their equipment. If unsafe weather causes performance to be canceled Artist(s) is to be paid in full. If unsafe weather causes unreasonable delay, Artist(s) is to be paid in full regardless of actual time played. Once Artist(s) have set-up they are not required to move and set up again.

**CANCELLATIONS:** If Purchaser elects to cancel this performance, notice must be given in writing to, and received by, Music Garden, Inc. If cancellation is received at least 245 days prior to the date of the engagement, Purchaser will forfeit twenty percent (20%) of the total compensation. If Purchaser's cancellation is received less than 245 days from the date of performance, Purchaser will forfeit one hundred percent (100%) of the total compensation unless another booking of equal or greater value is obtained for the Artist(s) in which case Purchaser will forfeit 20% of the total compensation plus the difference if lesser value. Non-payment of deposit shall not relieve the Purchaser of the obligation set forth herein. This forfeiture is in addition to any other remedies enumerated in this contract or afforded by law to the Artist(s) or Music Garden, Inc. If the Artist cancels, The Music Garden will attempt to replace the date with a similar Artist. If Purchaser does not accept the replacement, the deposit will be refunded.

**ATTORNEY FEES:** In any litigation, arbitration, or other proceeding by which one party either seeks to enforce its rights under this Agreement (whether in contract, tort, or both) or seeks a declaration of any rights or obligations under this Agreement, the prevailing party shall be awarded its reasonable attorney fees, and costs and expenses incurred.

For Purchaser:

Gary Norton

Contact:

Shanta Scarboro

912-964-4379

sscarboro@cityofportwentworth.com

For Artist:

By: Tina Davis

For: City Heat

c/o Music Garden

241 Mendel Pkwy E

Montgomery, AL 36117

Agent: Martin Brasfield 800-689-2263 or

334-320-9420

Attachment: Music Garden City Heat (2055 : Agreement with Music Garden for the 2019 Stand Up For America Day Festival)



**City Council**  
305 South Coastal Highway  
Port Wentworth, GA 31407

Meeting: 03/28/19 06:30 PM  
Department: Administration  
Category: Agreement  
Prepared By: Shanta Scarboro  
Department Head: Shanta Scarboro

**SCHEDULED**

**AGENDA ITEM (ID # 2057)**

DOC ID: 2057

---

## **Agreement with DJ Turbo Music to provide services for the 2019 Stand Up For America Day Festival**

**Issue/Item:**

Agreement with DJ Turbo Music to provide services for the 2019 Stand Up For America Day Festival.

**Background:**

DJ Turbo Music will provide professional master of ceremonies (MC) services for the 2019 Stand Up For America Day Festival. The cost is \$650.00.

**Funding:**

Stand Up For America Day line item.

**Recommendation:**

Approval.

**ATTACHMENTS:**

- DJ Turbo Music Service Contract (PDF)



## TURBO MUSIC SERVICE AGREEMENT

**THIS MASTER OF CEREMONIES (MC) SERVICES AGREEMENT** (the “Agreement”), dated January 24, 2019, between William Daniel Shepard IV (Turbo Music Service) of 229 Oxford Circle, Rincon, GA 31326 (the “MC”) and The City of Port Wentworth c/o Shanta Scarboro of 305 South Coastal Highway, Port Wentworth, GA 31407(the “Client”).

**WHEREAS** the MC is engaged in the business of providing professional master of ceremonies (MC) services; and

**WHEREAS** the Client desires to avail itself of these professional services of the MC in connection with an event or engagement (the “Event”) to be held by the Client and the MC desires to enter into this Agreement with the Client.

**NOW THEREFORE** in consideration of the mutual promises and agreements contained in this Agreement, and other good and valuable consideration, the parties agree as follows:

**1. PERFORMANCE INFORMATION:** The Client hereby engages the MC to perform at Stand Up For America Day, located at Cantyre Street at Barnsley Road ,Port Wentworth, GA 31407. The parties agree that the MC shall perform on April 28, 2018 starting at 9:30am for 9 and ½ hours (9 1/2) hours.

**2. DESCRIPTION OF SERVICES:** The Client hereby engages the MC to perform the following services: Music for event and MC services at the direction of the event coordinator. MC will provide PA equipment, music library, and venue will provide adequate space, stage and power for setup and performance.

**3. PERFORMANCE FEE:** The Client shall pay the MC for his, her or its services a fee of Six Hundred Fifty Dollars (\$650.00) (the “Performance Fee”), payable on the performance date. Services requested that exceed the scheduled performance time frame will be charged at the rate of One Hundred Twenty-Five dollars (\$125.00) per hour, payable the day of the Event. It is understood that if this is a “Rain or Shine” event, the Performance Fee is in no way affected by inclement weather.

**4. OBJECT:** The MC shall furnish to the Client his, her or its professional services in

accordance with the details and specifications as set forth in the Section 2. The MC shall perform such professional services at all times in accordance with the commonly accepted standards of the MC's profession, trade or craft and in full compliance with the state statutes, laws, ordinances and regulations.

**5. INDEPENDENT CONTRACTOR:** The MC shall have the sole authority to dictate direction of the work covered by this Agreement and shall be responsible for the manner in which the said work is done, for the method employed in doing the same and for all acts and things done in the performance of the MC's obligations hereunder, except for departing from the MC's normal practices which may be requested by the Client from time to time. Nothing contained in this Agreement and the relationship created between the parties hereby shall, directly, or indirectly, constitute the MC as an agent or an employee of the Client and further, nothing herein shall operate or be construed to relieve the MC of any duties or obligations imposed upon it as an independent contractor.

**6. ASSIGNMENT:** It is expressly agreed that this Agreement shall not be assigned or transferred, in whole or in part, by either of the parties hereto without the prior express written consent of the other Party.

**7. NOTICES:** Wherever in this Agreement it shall be required or permitted that notice be given or served by either party to or on the other, the notice shall be in writing and shall be given to the party to be notified via personal delivery, overnight delivery or prepaid registered mail with delivery confirmation, or email, addressed as follows:  
to the MC at:

William Daniel Shepard IV (Turbo Music Service)  
229 Oxford Circle  
Rincon, GA 31326  
By Email: daniel.shepard@djturbomusicsservice.com

To the Client at:  
City of Port Wentworth, GA c/o Shanta Scarboro  
305 South Coastal Highway  
Port Wentworth, GA 31407  
By Email: sscarboro@cityofportwentworth.com

And each such notice shall be deemed given at the time of delivery in the case of personal delivery or overnight delivery or prepaid registered mail with confirmation of delivery, and in the case of email upon confirmation of receipt by the noticed party. These addresses and email addresses may be changed from time to time by either party by notice as above provided.

## 8. ADDITIONAL PROVISIONS

A. This Agreement constitutes all of the agreements between the MC and Client



pertaining to the subject matter of it and supersedes all prior agreements, undertakings, negotiations and discussions, whether oral or written, of the parties to it and there are no warranties, representations or other agreements between the parties to it in connection with the subject-matter of it except as specifically set forth or referred to in this Agreement. No supplementation, modification, waiver or termination of this Agreement shall be binding unless executed in writing by the party hereto to be bound thereby. No waiver of any other provisions of this Agreement shall be deemed or shall constitute a continuing waiver unless expressly provided.

**B.** Headings are not to be considered part of this Agreement, and are included solely for convenience of reference and are not intended to be full or accurate descriptions of the contents of any section.

**C.** In this Agreement, words importing the singular number include the plural and vice versa, words importing the masculine gender include the feminine and neuter genders; and words importing persons include individuals, and proprietors, corporations, partnerships, trusts and unincorporated associations.

**D.** This Agreement shall be governed by and construed in accordance with the laws of the State of Georgia.

**E.** The invalidity or unenforceability of any provision of this Agreement or any covenant in it shall not affect the validity or enforceability of any other provision or covenant in it and the invalid provision or covenant shall be deemed to be severed.

**9. GENERAL:** This Agreement shall ensure to the benefit of and be binding on the parties hereto and their respective heirs, executors, administrators, successors and assigns.

**IN WITNESS WHEREOF** the parties, as evidenced by their signatures below, enter into this agreement as of January 24, 2019.

William Daniel Shepard IV (Owner)  
Turbo Music Service  
Per:

\_\_\_\_\_  
Name: William Daniel Shepard IV

The City of Port Wentworth c/o Shanta Scarboro  
Per:

\_\_\_\_\_  
Name: Shanta Scarboro

Attachment: DJ Turbo Music Service Contract (2057 : Agreement with DJ Turbo Music for the 2019 Stand Up For America Day Festival)



**City Council**  
305 South Coastal Highway  
Port Wentworth, GA 31407

Meeting: 03/28/19 06:30 PM  
Department: Administration  
Category: Agreement  
Prepared By: Shanta Scarboro  
Department Head: Shanta Scarboro

**SCHEDULED**

**AGENDA ITEM (ID # 2058)**

DOC ID: 2058

---

## **Agreement with Falcon Fireworks to provide services for the 2019 Stand Up For America Day Festival**

**Issue/Item:**

Agreement with Falcon Fireworks to provide services for the 2019 Stand Up For America Day Festival.

**Background:**

Falcon Fireworks will display a fireworks exhibition to close-out the 2019 Stand Up For America Day (SUFAD) Festival. The cost is \$3,955.00.

**Funding:**

Stand Up For America Day line item.

**Recommendation:**

Approval.

**ATTACHMENTS:**

- Falcon Fireworks Contract (PDF)



## CONTRACT

Agreement made this day 3/22/19, by and between Falcon Fireworks Inc.,  
Whose address is 3411 Courthouse Rd, Guyton GA 31312, and:

City of Port Wentworth  
305 South Coastal Hwy  
Port Wentworth, GA 31407  
(herein after "sponsor").

Whereas, Falcon Fireworks sells fireworks and conducts exhibitions of its products; and Whereas, sponsor wishes to purchase fireworks from Falcon fireworks and Falcon Fireworks wishes to sell fireworks to sponsor. Whereas sponsor wishes to retain the services of Falcon Fireworks as sole fireworks supplier and producer to conduct an exhibition of the fireworks purchased from Falcon Fireworks; Now therefore, in consideration of the terms, conditions and covenants hereinafter set forth, the parties hereto do mutually agree as follows:

1. **Date and Location:** Falcon fireworks shall sell and sponsor shall purchase the fireworks as set forth on the proposal previously submitted and made a part hereof ("Firework") for delivery by Falcon Fireworks on 4-27-2019 to the following location: City Park in Port Wentworth, GA
2. **Exhibition:** On the delivery date specified in Paragraph 1, Falcon Fireworks shall set-up, staff and conduct an exhibition of the fireworks at the exhibition location. The display will be under the direct supervision of a Falcon Fireworks trained technician. It is agreed that Falcon Fireworks shall be the sole fireworks supplier and producer for the event contracted for herein.
3. **Cost and Payments:** A. Sale price for fireworks, including delivery to exhibition location: B. Service price for exhibition, including insurance, display service and transportation:

Total Agreement Price \$3,955.00= 3680.00 + 275 (ins. increase).

The total sum of \$3,955.00 shall be due and payable as follows:

- a. The sum of \$1,750.00 upon execution and delivery of this contract.
- b. The balance of the total sales \$2,205.00 which includes the insurance increase of \$275 plus any taxes or any permits and fees



that may be applied to this sale shall not be paid later than the day of the exhibition. It is acceptable for the sponsor to pay the lead technician at the display site, after the exhibition.

4. **Inclement Weather:** If the delivery and/or exhibition of the fireworks is postponed by reason of inclement weather, same shall rescheduled to the Inclement Weather date set forth below, in which event a rescheduling charge in the amount equal to **15%** of the contract price shall be added to the balance due to cover additional expenses incurred by Falcon Fireworks. Any request made by the sponsor for rescheduling shall be received by Falcon Fireworks not later than **9:00AM** on the fireworks delivery date. Inclement Weather Date     N/A    .
5. **Sponsor's Agent:** Tiffany Lancaster shall be designated as sponsor's agent;. Sponsor's agent shall relay all questions and inquires. Sponsor's agent shall be the only agent of sponsor authorized to request rescheduling of the delivery and exhibition of the fireworks on the part of the sponsor.
6. **Materials and Delivery:** Falcon Fireworks shall deliver all fireworks materials purchased by sponsor to the display site only.
7. **Security:** Sponsor shall provide and maintain before, during, and after the exhibition, until the pyrotechnician in charge declares the area clear, security lines, police protection, snow fencing, rope barricades and lines as deemed necessary by the local government or as deemed necessary by Falcon Fireworks. Sponsor shall also provide an area clear of any buildings, cars, and spectators with a minimum radius of   350   feet (as specified by NFPA code 1123) as a Fire Safety Zone (FSZ) during the entire period commencing from the time the fireworks are delivered to the site until after the exhibition. Falcon Fireworks shall not be responsible for personal injury, vehicle or property damage occurring within the FSZ as a result of the failure of the sponsor to maintain the afore-mentioned FSZ. Sponsor acknowledges and agrees that Falcon Fireworks' responsibilities are limited to the sale and exhibition of the fireworks and that Falcon Fireworks is relying on the sponsor to maintain the afore-mentioned FSZ and to comply with all Federal, State, Municipal and local laws, orders, regulations and ordinances pertaining to the implementation of security measures at the site of the exhibition of fireworks.
8. **Credits:** As a material inducement to Falcon Fireworks agreeing to enter in to this agreement, sponsor shall give Falcon Fireworks program credit as sole fireworks supplier and producer in all press releases, advertising, and any other program announcements, printed or otherwise.



9. **Inability to Deliver or Conduct Exhibition:** If Falcon Fireworks shall be unable to deliver all or any part of the fireworks contracted here under at the time specified in or shall be unable to conduct the exhibition of the fireworks (if applicable) due to public emergency or necessity, legal restrictions, labor disputes, strikes, boycotts, acts of God (weather or not such acts of God have occurred frequently or habitually or are of a common or seasonal occurrence in the locality of such exhibition) or for any other reason beyond Falcon Fireworks' control, Falcon Fireworks shall be entitled to the full contract price (100%).
10. **Temporary Discontinuance During Exhibition:** Any temporary discontinuance during the discharge of fireworks shall not constitute a breach by Falcon Fireworks of the terms of this contract.
11. **Contract Subject to Government Regulation:** This contract and Falcon Fireworks obligation here under are subject to all governing Federal, State, Municipal, and local laws, rules, ordinances, codes, and regulations, now or hereinafter in effect, and to the conditions and limitations contained in the permits required to be obtained by sponsor prior to the delivery and exhibition of the fireworks. In the event any Federal, State, Municipal, and local laws, rules, regulation or ordinance shall be enacted which in any way prohibits, limits, or restricts the sale, performance or operation of the exhibition of the fireworks described herein or in the event sponsor's permit in any way limits or restricts the sale, performance, or operation of said exhibition, Falcon Fireworks shall limit or restrict its performance or exhibition of the fireworks and or substitute such equivalent fireworks so as to comply with such law, rule, regulation or ordinance of sponsor's permit. Sponsor acknowledges any such limit or restriction placed on the performance or operation of the fireworks exhibition, or any substitution of different fireworks by Falcon Fireworks shall in no way result in or entitle sponsor to a reduction or an abatement in the full contract price.
12. **General Provisions:** Falcon Fireworks shall not be liable for weather or atmospheric conditions which interfere with or delay the performance or aesthetic quality of the fireworks. This agreement constitutes the entire agreement between the parties relating to the subject matter thereof, and may not be changed, modified, renewed, or extended except by a written agreement signed by both parties, Sponsor acknowledges and agrees that Falcon Fireworks has not made any representations or warranties except other than those set forth specifically in this contract. Sponsor will be responsible for the payment of all governmental fees and taxes, including



but not limited to, sales, use, excise, license, permit, entertainment, and other fees, taxes or surcharges imposed or otherwise applied to this exhibition. Should any clause, section, or part of this agreement be held or declared to be void or illegal for any reason, all other clauses, sections, or parts of this agreement which can be effected without such illegal clause, section or part shall never the less continue in full force. Sponsor is responsible for removal of all debris associated with the fireworks. Once the contract is signed and the program is then cancelled by the sponsor for any reason other than inclement weather, the full contract price of the program (100%) shall be due and payable immediately, however, a credit allowance will be made for up to one year to allow rescheduling of event by sponsor. Falcon Fireworks agrees to procure liability insurance and to indemnify sponsor, to the extent thereof, for all claims arising out of Falcon Fireworks negligence or willful misconduct.

13. **Sponsor's Default:** In the event sponsor shall fail to pay any sum when due under the terms of this contract, sponsor shall pay in addition to such amount, interest at a rate of 1.5% per month on the unpaid amount from the original due date. Sponsor does further agree that it shall pay Falcon Fireworks' reasonable attorney fees and court costs in the event Falcon Fireworks shall commence suit or incur fees to compel sponsor to pay any sums due here-under or otherwise as a result of sponsor's default of any of the terms and provisions herein contained.
14. **Liquidated Damages:** It is agreed by and between the parties hereto that in the event of the sponsor's default hereunder, Falcon Fireworks' damage s shall be impossible to fix. Accordingly as a material inducement to Falcon Fireworks in agreeing to enter into this agreement, Sponsor agrees in the event of its default at the option of Falcon Fireworks the entire purchase price shall be and become immediately due and payable.
15. **Substitutions:** Falcon Fireworks shall have the right at its discretion to substitute any fireworks it deems necessary. Any substitutions shall in no way result or entitle sponsor to a reduction or in abatement in the full contract price.
16. **Disputes:** This agreement shall be interpreted in accordance with and the rights of the parties here to shall be determined by the laws of the State of Georgia. Any and all disputes, controversies, actions, claims, or proceedings arising under, out of, or in connection with or relating to the terms of this contract shall be commenced and maintained solely in the State of Georgia, and by signing of this contract all parties submit to the jurisdiction of the courts of the State of Georgia.



- 17. **Binding Effect:** This contract shall not be binding on Falcon Fireworks until executed by sponsor and Falcon Fireworks and Falcon Fireworks is in receipt of the deposit required hereunder.
- 18. **Contract Length:** This contract is 5 pages long and sponsor's agent shall be aware of such.

\_\_\_\_\_  
**Sponsor's Authorized Agent**

\_\_\_\_\_  
**Print Name**

\_\_\_\_\_  
**Title**

*[Handwritten Signature]* R. Brent Fisher

\_\_\_\_\_  
**Falcon Fireworks Representative**



**City Council**  
305 South Coastal Highway  
Port Wentworth, GA 31407

Meeting: 03/28/19 06:30 PM  
Department: Administration  
Category: Agreement  
Prepared By: Shanta Scarboro  
Department Head: Shanta Scarboro

**SCHEDULED**

**AGENDA ITEM (ID # 2056)**

DOC ID: 2056

---

## **Agreement with Royal Restrooms to provide services for the 2019 Stand Up For America Day Festival**

**Issue/Item:**

Agreement with Royal Restrooms to provide services for the 2019 Stand Up For America Day Festival.

**Background:**

Royal Restrooms will provide portable restroom units for the 2019 Stand Up For America Day (SUFAD) Festival. The cost is \$6,625.00.

**Funding:**

Stand Up For America Day line item.

**Recommendation:**

Approval.

**ATTACHMENTS:**

- Royal Restrooms Booking (PDF)



**RENTAL AGREEMENT**  
**Royal Restrooms, LLC**

THIS AGREEMENT made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by and between Royal Restrooms, LLC, hereinafter referred to as "Suppliers," whose address is P.O. Box 13605, Savannah GA 31416 and City of Port Wentworth, hereinafter referred to as "CUSTOMER."

WITNESSETH

1. **PROPERTY:** Suppliers agree to rent to Customer the described portable restroom units found in Attachment A: (the "Units"), for placement and operation in the following location(s); CITY OF Port Wentworth, STATE OF GA, from 4/26/2019 through 4/29/2019, under the terms and conditions as hereinafter stated.
2. **RENTAL RATE:** Customer shall pay to Supplier a sum of \$ 6,625.00 in advance as rental for the Units herein described. Such payment shall be due 30 days before the specified day(s) of 4/26/2019. Rental shall be paid to the Suppliers at P.O. Box 13605, Savannah GA 31416. Full payment is due thirty (30) days before the date of the event unless other arrangements are made in advance.
3. **SECURITY DEPOSIT:** Customer will make a non-interest bearing security deposit in the amount of \$ .00 to insure the full and faithful performance by the Customer of all of the terms and conditions of this Agreement. Suppliers do not have responsibility to save the date and will fill the event date with another customer if payment is not made in full 30 days before the event. The event date will be reserved up until 30 days before the event with the security deposit. At the discretion of the Suppliers, the security deposit may be applied against the costs to the Suppliers of repairing damages to the premises and furnishings, including interior and exterior cleaning, determined necessary at vacancy or termination of rental due to carelessness, negligence, accident or abuse on the part of Customer, guests, agents, or invitees. Supplier reserves the right to apply all or any portion of the security deposit to any unpaid rental of Customer existing at the time of vacancy or termination of rental property. Such right only accrues to the Suppliers; Customer may not unilaterally forfeit the security deposit as rental for the specified period. At the discretion of Suppliers, Customer remains responsible for unpaid rental at vacancy or termination of tenancy, regardless of the disposition of the Security Deposit.
4. **LATE CHARGES:** If the complete Rental Amount is not paid in advance by the day delivery of restrooms to a specified location, Customer agrees to pay a late charge of \$ 60.00.
5. **RETURNED CHECKS:** Customer agrees to pay a \$ 40.00 charge for any check returned by a bank for insufficient funds, closed account or for any other reason.
6. **UTILITIES:** Customer shall be responsible for all charges of water and sewage dump fees which shall be incurred for the rental of each unit of portable restrooms as shown on the sent invoice. If other items are needed such as generator, extra dumping, supplies, etc, the cost would be added at a cost dependent of the item needed.
7. **SEWERAGE:** Customer shall be responsible for the cost of servicing and dumpage of each unit of portable restrooms. The units hold a limited amount of sewerage and once full cannot hold any more. It is the full responsibility of the customer to ensure that overflowage does not occur and determine before hand if more capacity is needed. If emptying is needed during the event prior arrangements must be made and Suppliers can help with this coordination.
8. **GARBAGE CONTAINERS AND SUPPLIES:** Suppliers will provide all initial toilet paper, trash bags and hand towels. The Customer is responsible for restocking during the event unless other arrangements are made. Suppliers may have extra supplies available but will not restock during the event. All electrical cords, pictures and water hoses brought by Suppliers are the property of Suppliers and must be returned. If any equipment owned by Suppliers is not returned while under the care of the customer, the customer is responsible for replacement payment including time to acquire such.
9. **REPAIRS AND MAINTENANCE:** Customer accepts the Units in the present condition, for the uses and purposes described herein. Customer agrees to maintain the Units in good condition and repair, natural wear and tear excepted. Customer will not move or alter the Units without prior written consent of the Supplier.
10. **USE AND OCCUPANCY:** The Units shall be used for portable restroom purposes and for no other purpose. Customer is not to put the Units to any use which is illegal, creates a nuisance, or causes the rate of insurance on the property to increase. No smoking is allowed in the Units. Customer will use the Units in a careful and proper manner, in accordance with all applicable laws, rules and regulations and any manufacturer's or supplier's instructions or manuals provided to Customer. The Units are not to be moved by the customer. If movement is need after the initial setup, Suppliers must be notified and if possible will move the units at an additional charge of \$50 per hour per person portal to portal. All local and state law must be followed and any disputes including law suits are subject to the laws and regulations as set by local governments. Customer agrees to turn off and remove water supply, remove electrical supply, and close and lock all outside doors to the Unit(s), at night, following each day or event of use.
11. **ASSIGNMENT:** Customer shall not sublet the whole or any part of the Units, nor reassign this Agreement, or any interest therein, without the prior written consent of the Suppliers. A violation of this covenant shall constitute a breach of this Agreement, in which case Customer shall forfeit the term and Suppliers will have the right to terminate and seek restitution.
12. **DAMAGES TO PROPERTY:** Customer shall pay all cost for damage to the Unit(s) that (i) occurs during Customer's use or possession of the

Unit(s) or (ii) is caused by Customer or any of Customer's servants, guests, agents, or invitees, whether resulting from negligence, lack of care, abuse or ordinary use. Any damage for which Customer is liable constitutes a breach of this Agreement for which an action for the recovery thereof may be had, above and beyond the security deposit. Once the Unit(s) is(are) left at the event, it is the full responsibility of the Customer. Any damage is the responsibility of the Customer. Customer is responsible for keeping the Units safe from all damage, thievery, or any other harm or ill use of the unit.

- 13. **LIABILITY AND INJURY:** Customer expressly agrees to defend, indemnify and hold harmless Suppliers from any and all damage to property or injury to person suffered in or with respect to the Unit(s) during or by virtue of Customer's use, possession or operation of the Unit(s), whether resulting from negligence, lack of care, abuse or ordinary use. This indemnity shall extend to damage, injury, losses, claims, suits, judgments or actions arising from the negligence of Customer or its servants, guests, agents, invitees, or anyone Customer controls or employs, or who is near or in the Units, or for damage or injury resulting from the use of the Units or entry or egress into or from such Units. In the event that Suppliers are not able to deliver possession to Customer on the effective date of this Agreement for any reason beyond Suppliers' control, Suppliers shall not be responsible for any damages of Customer are hereby released from liability. Once the Units are delivered the Customer is responsible for keeping the Units safe from theft or vandalism or any other damage.
- 14. **DISCLAIMER OF WARRANTIES; HOLD HARMLESS.** Suppliers represent and warrant that the Units are functioning portable restrooms. Subject to the foregoing, each Unit is provided and accepted "as-is, where-is," without express or implied warranties. Except as expressly provided herein, suppliers shall not have any liability for any direct, indirect, consequential or incidental damages arising out of this agreement or with respect to the Units.
- 15. **NON-PAYMENT:** If the Customer fails to make payments as specified in this contract, Suppliers may peruse all remedies available by law or in equity, including termination of this agreement without notice, repossession of the equipment without legal process, and recovery of all monies owed. Customer will be responsible for all cost to recover the payment including attorney, time involved for Suppliers, and any shipping, copying cost, etc.
- 16. **CANCELATIONS:** Suppliers will cancel any reservation and return all money paid minus \$50.00 if canceled within 30 days or more of the date of the event. If cancellation is 7-29 days from the date of the event, RR will refund 50% of the total cost. No refund is available for cancellations 7 days or less from the date of the event. If an event is rescheduled, and additional \$150.00 rescheduling fee will be added.
- 17. **DELIVERY, SETUP AND REMOVAL:** Suppliers will have no responsibility or liability for any delay or failure of delivery. Prior to delivery, Suppliers and Customer will coordinate a delivery and removal time that is acceptable to both parties. Customer may request that Suppliers arrange delivery to Customer at Customer's expense. If for no reason of Suppliers, the setup or removal is delayed, Suppliers will charge and additional \$75.00 per hour for standby time.
- 18. **RETURN OF UNITS:** Customer is responsible for returning the Units to Suppliers in good repair, condition and working order. Upon vacancy or termination of this Agreement, Customer agrees to turn off and remove water supply, remove electrical supply, and close and lock all outside doors to the Unit(s), and return all key(s) to Supplier.
- 19. **SPECIAL STIPULATIONS:** The following special stipulations shall, if in conflict with the printed matter, control:

IN WITNESS WHEREOF, the parties have hereto set their hands and seals on the day and the year \_\_\_\_\_ 20\_\_.

**SUPPLIERS:**

Royal Restrooms, LLC

By: Kym McCarty  
1/23/19

**CUSTOMER:**

By: \_\_\_\_\_

Company Name: City of Port Wentworth

Address: 305 South Coastal Highway

City, State, Zip: Port Wentworth GA 31407

Contact 1: Shanta M. Scarboro

Phone 1: 912.964.4379

Phone 2: 912.508.7884

Email: sscarboro@cityofportwentworth.com

**CREDIT CARD:** Type: \_\_\_\_\_

Exp Date: \_\_\_/\_\_\_/\_\_\_ Verification: \_\_\_\_\_

Credit Card Number: \_\_\_\_\_

Name on Credit Card: \_\_\_\_\_

\_\_\_\_\_  
Credit Card Signature

Attachment: Royal Restrooms Booking (2056 : Agreement with Royal Restrooms for the 2019 Stand Up For America Day Festival)

## Rental Agreement Addendum

### Royal Restrooms, LLC

- Additional charges will apply for power and water supplied by Royal Restrooms in the event that power and/or water on site are not available or deemed inadequate at time of delivery to support the Royal Restrooms unit(s).
- To prevent damage and charges for damage to the Royal Restrooms unit(s), Customer may use *only painters tape* if attaching signage to the interior or exterior walls of the unit(s).
- Please check periodically behind your bathroom guests. Unless prior arrangements are made, Customer is responsible for *daily* bathroom cleaning in order to maintain sanitary, clean conditions for all users and to preserve the Royal Restrooms unit(s) throughout the rental period. Royal Restrooms may provide cleaning service for an additional fee, whether by Customer request or necessity if the above conditions are not being met.

Because Royal Restrooms units use low pressure water systems to conserve water, minor clogs can occur, mostly due to excess use of toilet paper or foreign objects thrown into toilets. Unless expressly stated in the rental agreement, Customer is responsible for clearing minor toilet clogs during the rental period. (This does not apply to events where a Royal Restrooms bathroom attendant is present.)

How to clear a clog: Locate the straight clog stick in the utility closet on the backside of the trailer. **Important: Handle the clog stick by the taped end only.** Open the toilet valve by pushing down on the foot pedal. While the valve is open, gently insert the clog stick into the opening and make a circular motion until the clog is released. Please return the stick to the utility closet.

- Royal Restrooms unit(s) should be returned in the condition received with the exception of normal wear and tear and usage (i.e. car rental return). Customer may be charged a minimum \$250 excessive cleaning fee per trailer if the above conditions are not met. (This does not apply to events where a Royal Restrooms bathroom attendant is present.)

**Rental Agreement**  
**Royal Restrooms, LLC**  
**Attachment "A" - The Units**

ID	Unit	Type	Quality	# Days	Rate	Discount	Customer Price
125	2AN.	Type	Wedding	1	825.00	.00	825.00
235	H2C	Type	Average	1	1,425.00	.00	1,425.00
302	11A	Type	Wedding	1	2,050.00	.00	2,050.00
313	2ND	Type	Wedding	1	825.00	.00	825.00
<b>Unit Amount:</b>							<b>5,125.00</b>
<b>Accessories Amt:</b>							<b>1,500.00</b>
<b>Total Amount:</b>							<b>6,625.00</b>
<b>Sales Tax:</b>							<b>.00</b>
<b>Billing Amount:</b>							<b>6,625.00</b>

Booking No: 5378 Status: CONFIRMED  
Booking Franchise: 101 Savannah, GA

Event: SUFAD 2019

Event Dates: From: 4/26/2019 TimeIn:  
To: 4/29/2019 TimeOut:

Location: 317 Cantyre Street City Port Wentwort State: GA Zip: 31407

Est Attendance: 0 Mileage: 0

Additional Needs  Power  Water  Attendant

Event Contact: Shanta Scarboro Event Phone: 912.677.3878 Ext:

Event Contact2: Event Phone 2: Ext:

Special Instructions:

- Event is on Saturday, April 27, 2019, 7 AM - 10 PM
- Take extra hoses
- (3) Attendants: (1) 10 AM - 4 PM; (1) 12 PM - 6 PM; (1) 4 - 10 PM. Attendants wear bright, same color shirts.
- Leave gas for generator refills
- Give Shanta a key for unlocking on Saturday AM. Volunteers will man the bathrooms until first attendant arrives at 10 AM.

Customer: 3689 Customer/CompanyName: City of Port Wentworth

Cust Contact 1: Shanta M. Scarboro 912.964.4379 Ext:

Address 1: 305 South Coastal Highway 912.508.7884

Address 2:

City/State/Zip Port Wentworth GA 31407

ID	Unit	Type	Quality	# Days
125	2AN.	Type	Wedding	1
235	H2C	Type	Average	1
302	11A	Type	Wedding	1
313	2ND	Type	Wedding	1

ID Accessory Qty



**City Council**  
305 South Coastal Highway  
Port Wentworth, GA 31407

Meeting: 03/28/19 06:30 PM  
Department: Public Services  
Category: Planning/Zoning Item  
Prepared By: Melanie Ellis  
Department Head: Brian Harvey

**SCHEDULED**

**AGENDA ITEM (ID # 2053)**

DOC ID: 2053

**Subdivision Application submitted by Michael Hussey, Sundial Land Surveying, PC., on behalf of Coopers Hills, LLC., for PIN #: 7-0976-02-025 (Newport Boulevard) located in a P-RIP (Planned Residential Institutional) Zoning District for a Preliminary Plat of a Major Subdivision (Newport Square Townhomes) for the purpose of Single-Family Townhomes**

**Issue/Item:** Subdivision Application submitted by Michael Hussey, Sundial Land Surveying, PC., on behalf of Coopers Hills, LLC., for PIN #: 7-0976-02-025 (Newport Boulevard) located in a P-RIP (Planned Residential Institutional) Zoning District for a Preliminary Plat of a Major Subdivision (Newport Square Townhomes) for the purpose of Single-Family Townhomes.

**Background:** This is the Preliminary Plat submittal for Newport Square Townhomes in the Newport Subdivision. Newport Square Townhomes includes fourteen (14) townhome lots on approximately 1.3 Acres.

**Facts and Findings:** The application appears to be complete and is currently under review by Goodwyn, Mills, and Cawood Engineering.

**Funding:** N/A

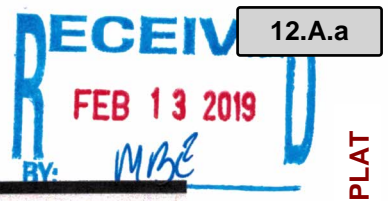
**Recommendation:** The Planning Commission will hear this application on Monday, March 11, 2019 at 6:30PM. **UPDATE / THE VOTE TO APPROVE THIS APPLICATION WAS UNANIMOUS CONTINGENT UPON FINAL APPROVAL BY THE CITY ENGINEERS.**

**ATTACHMENTS:**

- Newport Square Townhomes-PIN 7-0976-02-025 preliminary plat Application (PDF)
- Newport Square Townhomes-PIN 7-0976-02-025 preliminary plat (PDF)
- Newport Square Townhomes-PIN 7-0976-02-025 preliminary plat Site Plans 1 of 2 (PDF)
- Newport Square Townhomes-PIN 7-0976-02-025 preliminary plat Site Plans 2 of 2 (PDF)
- Newport Square Townhomes-PIN 7-0976-02-025 preliminary plat GMC 1st submittal comments 3-14-19 (PDF)
- Planning Commission Minutes 11 MARCH 2019 draft (PDF)

141322

# SUBDIVISION APPLICATION FORM FOR THE CITY OF PORT WENTWORTH



**Date Submitted:** \_\_\_\_\_

**Application Form Required**

This application form is to accompany **all** subdivisions submitted for Port Wentworth Planning Commission review and is to be filled out in its **entirety**. Plats/subdivisions not accompanied by this application will not be accepted for processing. All subdivisions with their completed applications must be received by the Port Wentworth Planning Commission at least 20 days prior to the Planning Commission meeting at which they are to be considered. A mylar and 20 copies of the plat/subdivision must accompany application.

Subdivision Name: NEWPORT SQUARE TOWN HOMES (AKA NEWPORT TH) \_\_\_\_\_

Location NEWPORT BOULEVARD \_\_\_\_\_

Number of Lots: 14 Number of Acres: 1.3

PIN #: 7-0976-02-025 Current Zoning: P-RIP

**Type of Subdivision: (Check applicable blanks from each column)**

- |  |  |
|--|--|
| A. <input type="checkbox"/> Sketch Plan<br><input type="checkbox"/> Master Plan<br><input checked="" type="checkbox"/> Preliminary Plat<br><input type="checkbox"/> Final Plat<br><input type="checkbox"/> Revision to a Recorded Plat | B. <input checked="" type="checkbox"/> Major Subdivision<br>(4 or more lots or a new road)<br><br><input type="checkbox"/> Minor Subdivision<br>(3 or less lots & no new road) |
|--|--|

**Purpose of Subdivision:**

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Single-Family | <input type="checkbox"/> Industrial    |
| <input type="checkbox"/> Multi-Family             | <input type="checkbox"/> Institutional |
| <input type="checkbox"/> Retail                   | <input type="checkbox"/> Other         |
| <input type="checkbox"/> Other Business           | <input type="checkbox"/> Sign          |

**Variances:** (List all variances being requested)

Attachment: Newport Square Townhomes-PIN 7-0976-02-025 preliminary plat Application (2053 : Subdivision Application PRELIMINARY PLAT

**Georgia DOT Review**

In all applications in which property being subdivided lies along a State Highway or access is needed from a State Highway, all applicants are required to submit a plat to the Georgia Department of Transportation for review. The subdivision application will not be considered by the Port Wentworth Planning Commission until the Georgia Department of Transportation has commented on the subdivision. The comments must accompany the application.

---

**Previous Submittal:**

Has this tract of land being proposed for subdividing been submitted to the Port Wentworth Planning Commission under a different subdivision name.

Yes \_\_\_\_\_ No X \_\_\_\_\_

If yes, what name: \_\_\_\_\_

Date Submitted: \_\_\_\_\_

---

**Number of Required Prints**

All submittals, regardless of type, shall include 20 prints, one of which must be on Mylar.

---

**Statement as to Covenants/Deed Restrictions: (Check One)**

\_\_\_\_\_ A copy of all existing deed restrictions or subdivision covenants applicable to the property are attached.

X There are no added restrictions or subdivision covenants on this property.

---

**Contact Person (s): (Type or Print)**

**Engineer/Surveyor:** Michael Hussey/ Sundial Land Surveying, PC

Address: 120 Commerce Court, Pooler, GA , 31322

Phone: 912-235-2477 Fax: 912-748-2122

**Owner:** COOPERS HILLS, LLC – JANICE WILLAMS, MANAGING MEMBER

Address: 120 Commerce Court Pooler, GA 31322

Phone: 912-748-2100 Fax: 912-748-2125

Attachment: Newport Square Townhomes-PIN 7-0976-02-025 preliminary plat Application (2053 : Subdivision Application PRELIMINARY PLAT




**Please list all property owners that are adjacent to the parcel to be subdivided including those across the public right-of-way:**

- 7-0976 -02-026 PADEREWSKI JULES B ET AL\* PO BOX 9087 SAVANNAH GA 31412
- 7-0976 -02-024 PORT WENTWORTH CITY OF 305 S COASTAL HIGHWAY  
PORT WENTWORTH GA 31407
- 7-0978A-04-013 GNUSSBAUM FREDERICK J & SARAH D\* 1790 COLES ROLLING RD  
SCOTTSVILLE VA 24590
- 7-0978A-01-001 WILLOW CREEK BLUFF LLC 120 COMMERCE CT POOLER GA 31322
- 7-0978A-01-002 GREAUX STEPHEN P JR 3 CORDAGE CIR PORT WENTWORTH GA  
31407
- 7-0978A-01-003 CRUZ LUIS 5 CORDAGE CIR PORT WENTWORTH GA 31407
- 7-0978A-01-004 WISHAM MATTHEW 7 CORDAGE CIR PORT WENTWORTH GA 31407
- 7-0978A-01-005 PASS RUSSELL T 4850 BELFAST KELLER RD RICHMOND HILL  
GA 31324

**Certifications:**

1. I hereby certify that this proposed subdivision/plan does not violate any covenants or deed restrictions currently in effect for the property being subdivided.
2. I hereby certify that all taxes applicable to this property have been paid and that there are no delinquent taxes outstanding.
3. I hereby certify that I am the owner of the property being proposed for subdivision.
4. I hereby certify that all the information pertained in this application is true and correct.

  
 \_\_\_\_\_  
 Signature of Owner *Managing Member*

**Comments:** Place any pertinent comments you wish to make in the following space:

Submit this form along with the proposed subdivision and any accompanying information to:

**CITY OF PORT WENTWORTH**  
**305 SOUTH COASTAL HIGHWAY**  
**PORT WENTWORTH, GEORGIA 31407**

Attachment: Newport Square Townhomes-PIN 7-0976-02-025 preliminary plat Application (2053 : Subdivision Application PRELIMINARY PLAT

## PORT WENTWORTH LDA FEES NEWPORT TOWN HOMES

February 8, 2019

Port Wentworth LDA Fees \$65.00/Disturb	Newport Town Homes	1.3	AC	\$65.00	\$84.50
State of Georgia LDA Fees	Newport Town Homes	1.3	AC	\$80.00	\$104.00
Coastal Soil and Water Conservation	Newport Town Homes	1.3	AC	\$50.00	\$50.00
				TOTAL	<b>\$84.50</b> City of Port Wentworth
				TOTAL	<b>\$104.00</b> Dept of Natural Resources - EPD
				TOTAL	<b>\$50.00</b> Coastal Soil and Water Conservation District

Attachment: Newport Square Townhomes-PIN 7-0976-02-025 preliminary plat Application (2053 : Subdivision Application PRELIMINARY PLAT

**PORT WENTWORTH REVIEW FEES**  
**FINAL PLAT**  
**NEWPORT TOWNHOMES**  
February 8, 2019

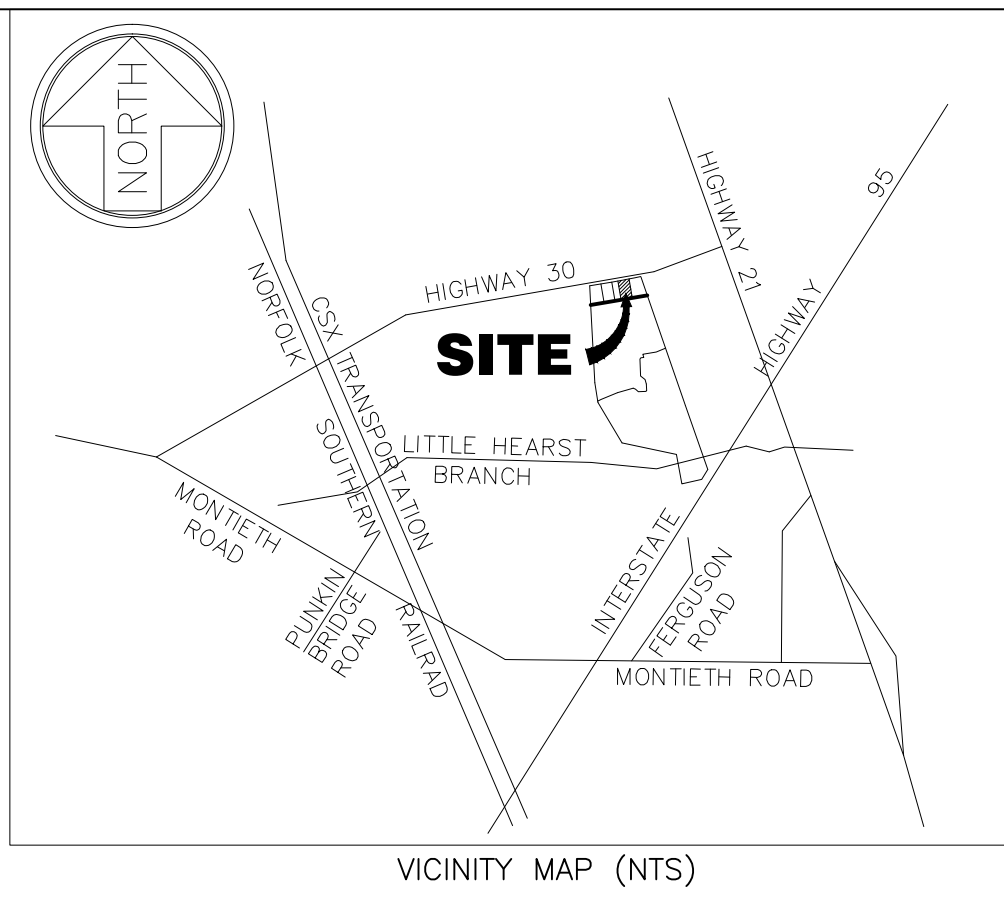
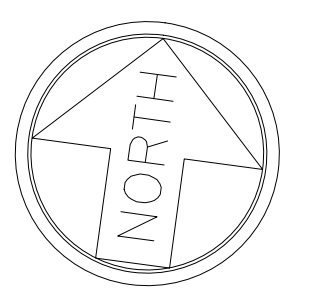
Preliminary Plat Submittal \$416.00 + \$50.00/Lot	Newport Town Homes	14	LT	\$50.00	\$700.00
	Base Fee	1	LS	\$416.00	\$416.00
	Administration Fee	1	LS	\$50.00	\$50.00
				<b>TOTAL</b>	<b>\$1,166.00</b>

Attachment: Newport Square Townhomes-PIN 7-0976-02-025 preliminary plat Application (2053 : Subdivision Application PRELIMINARY PLAT





# HIGHWAY 30



VICINITY MAP (NTS)

7-0976-02-026  
TRACT 2  
NOW OR FORMERLY  
CITY OF PORT WENTWORTH

## NEWPORT BOULEVARD

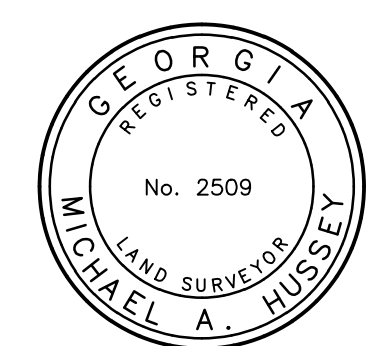
**7-0976-02-025  
TRACT 3  
1.47 AC**

7-0976-02-026  
TRACT 4  
NOW OR FORMERLY  
PADEREWSKI

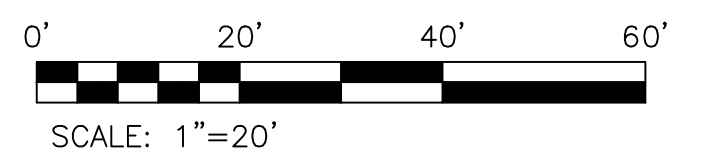
- GENERAL NOTES:**
1. THE SITE WILL CONSIST OF 14 TOWNHOME LOTS.
  2. ALL STREETS AND PAVEMENT AREAS ARE PRIVATE AND WILL BE MAINTAINED BY THE PROPERTY OWNERS ASSOCIATION AND NOT BY THE CITY OF PORT WENTWORTH.
  3. TOTAL AREA 1.47 ACRES, DISTURBED AREA 1.3 ACRES.
  4. ALL ELEVATIONS ARE BASED NAVD 1988 DATUM.
  5. THIS PROPERTY IS ZONED P-RIP.
  6. IN ACCORDANCE WITH F.I.R.M. COMMUNITY PANEL NO. 13051C0030G DATED AUGUST 16, 2019, PROPERTY DOES NOT FALL WITHIN A DESIGNATED FLOOD HAZARD AREA.
  7. SANITARY SEWER AND WATER TO BE CONNECTED TO EXISTING CITY OF PORT WENTWORTH SYSTEM.
  8. THE HORIZONTAL DATUM OF THIS PLAT IS BASED ON STATE PLANE COORDINATES, GEORGIA EAST ZONE, NAD 83.

**PRELIMINARY PLAT  
NEWPORT SQUARE  
TOWNHOMES**  
TRACT 3, MEADOW LAKES BUSINESS PARK,  
8TH G.M. DISTRICT PORT WENTWORTH,  
CHATHAM COUNTY, GEORGIA

COOPERS HILL, LLC,  
120 COMMERCE COURT  
POOLER, GA 31322



Michael A. Hussey  
Ga. Reg. L.S. No. 2509



SUNDIAL LAND SURVEYING, PC  
120 COMMERCE COURT  
POOLER, GA 31322  
912-235-2477

7-0978A-04-013  
NOW OR FORMERLY  
FREDERICK NUSSBAUM

7-0978A-01-001  
NOW OR FORMERLY  
CARAN PROPERTIES LLC

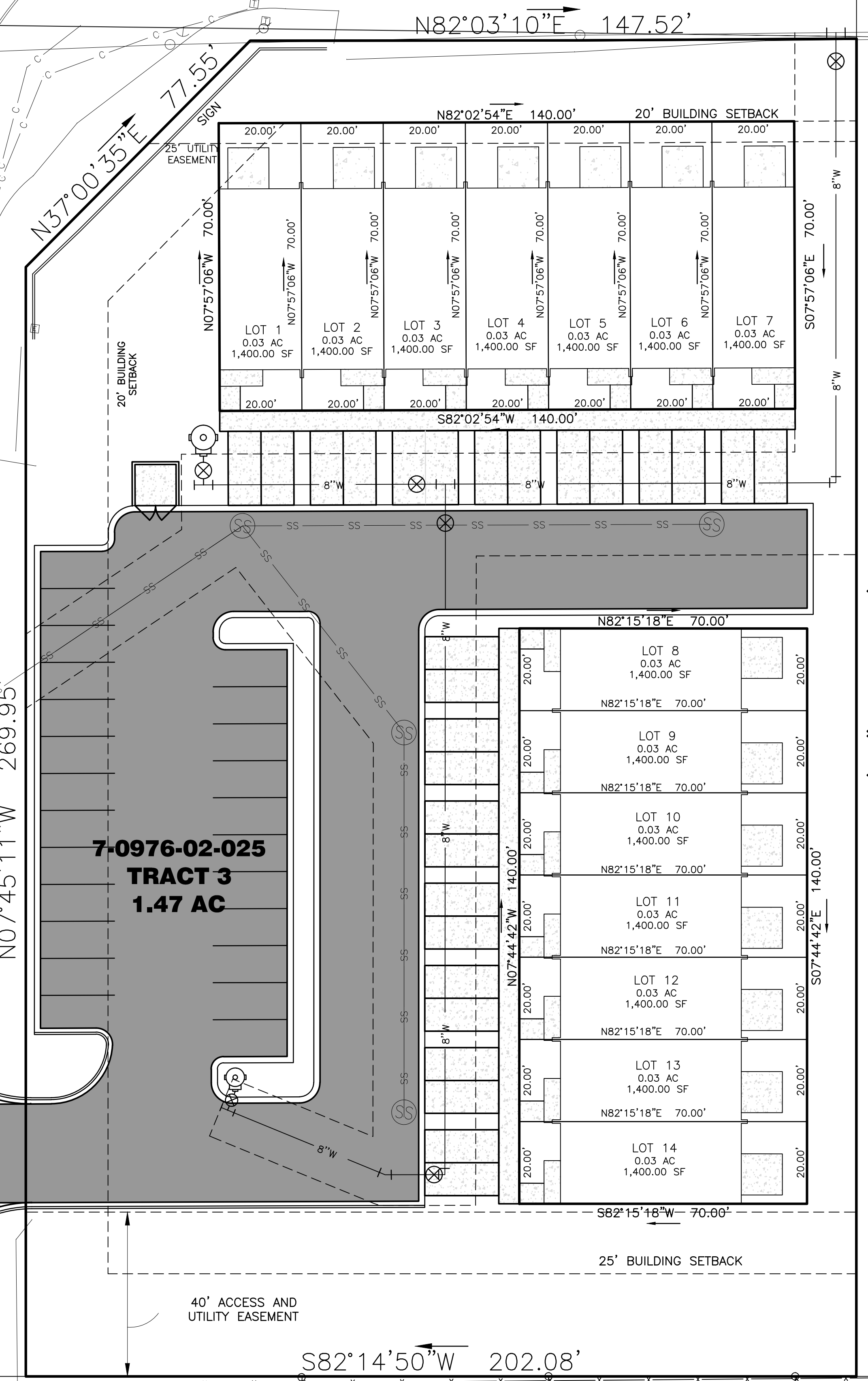
7-978A-01-002  
NOW OR FORMERLY  
STEPHEN GREAUX

7-0978A-01-003  
NOW OR FORMERLY  
LUIS CURZ

7-0978A-01-004  
NOW OR FORMERLY  
SSP-7 CORDAGE LLC

7-0978A-01-005  
NOW OR FORMERLY  
RUSSELL PASS

# NEWPORT PHASE 1



# CONSTRUCTION PLANS

FOR

## NEWPORT SQUARE TOWNHOMES

### CITY OF PORT WENTWORTH, GEORGIA

PREPARED FOR:  
**COOPERS HILLS, LLC**

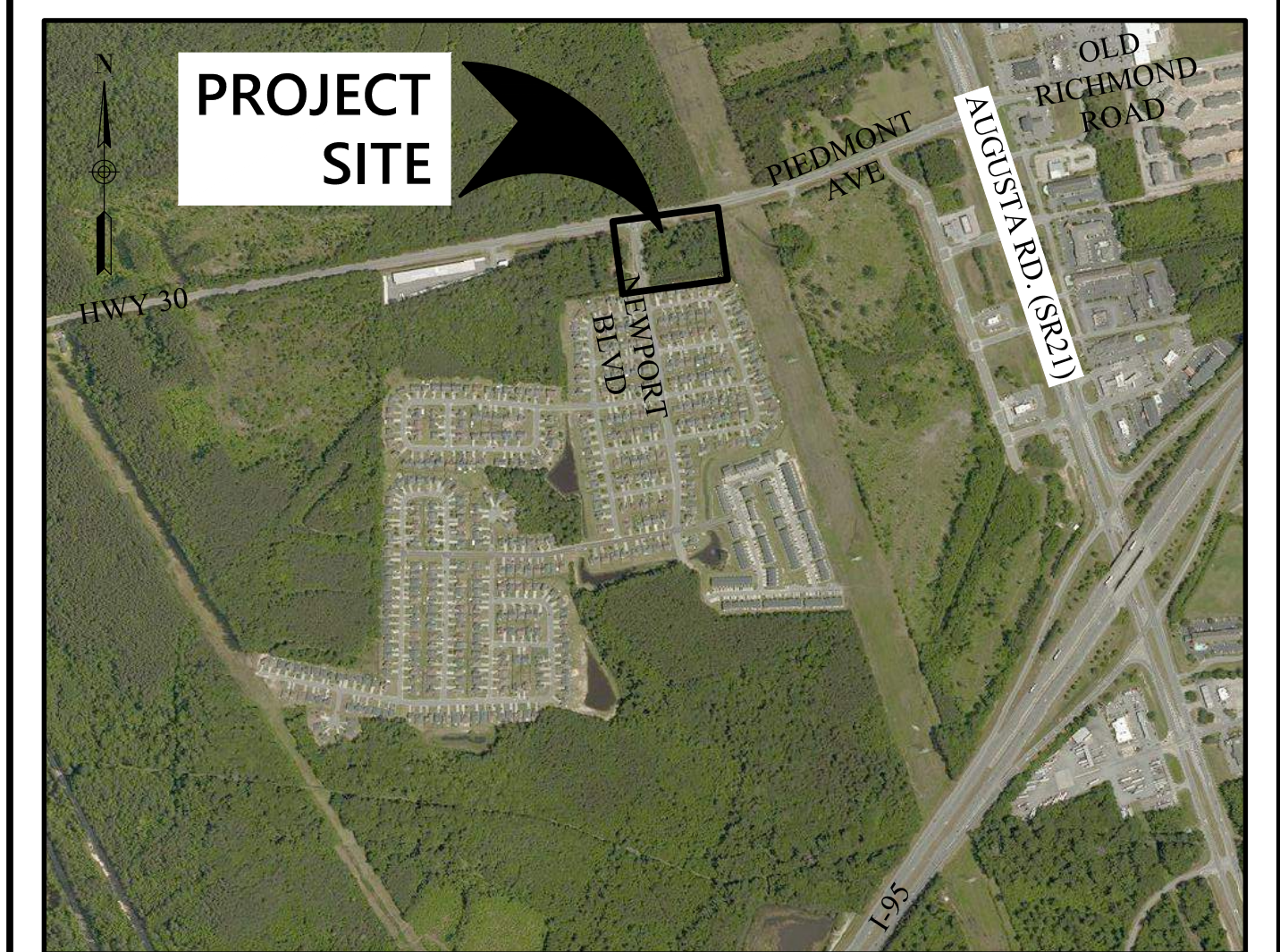
JANUARY 31, 2019

JOB NUMBER: 17-117

PREPARED BY:  
**Pittman Engineering Co., LLC**

PROJECT DATA	
DEVELOPER:	JANICE WILLIAMS
---	---
---	---
---	---
24 HOUR CONTACT:	COOPERS HILLS, LLC
TELEPHONE:	---
JURISDICTION:	CITY OF PORT WENTWORTH
TAX MAP #:	7-0976-02-025
ZONING:	PRIP
PROPERTY OWNER OF RECORD:	FRED WILLIAMS
FEMA FLOOD ZONE:	X
FEMA FLOOD PANEL:	MAP NUMBER 13051C0030G, MAP DATED 8/16/18
NPDES DISTURBED AREA:	1.3 ACRES
APPROXIMATE LOCATION OF SITE:	GEORGIA HIGHWAY 30 & NEWPORT BOULEVARD CITY OF PORT WENTWORTH, GEORGIA
VERTICAL DATUM:	---

The development of the included construction plans can be expected to not increase the rate of runoff per county requirements, provided the facility is constructed as designed and properly operated and maintained.



VICINITY MAP: 1"=1000'

#### SHEET LIST TABLE

SHEET NUMBER	SHEET TITLE
COV	COVER
C1.1	GENERAL NOTES
PLAN VIEWS	
C1.2	EXISTING CONDITIONS
C1.3	STAKING, SIGNAGE & STRIPING PLAN
PAVING GRADING AND DRAINAGE	
C2.1	PAVING, GRADING & DRAINAGE PLAN
C2.2	STORM PROFILES
C2.3	PAVING, GRADING & DRAINAGE DETAILS
C2.4	PAVING, GRADING & DRAINAGE DETAILS
C2.5	PAVING, GRADING & DRAINAGE DETAILS
WATER AND SEWER	
C3.1	WATER & SEWER PLAN
C3.2	WATER PROFILES
C3.3	WATER PROFILES
C3.4	SEWER PROFILES
C3.5	WATER & SEWER DETAILS
C3.6	WATER & SEWER DETAILS
C3.7	WATER & SEWER DETAILS
C3.8	WATER & SEWER DETAILS
EROSION SEDIMENTATION AND POLLUTION CONTROL PLAN	
EC1.0	EROSION, SEDIMENTATION & POLLUTION CONTROL - INITIAL PHASE
EC2.0	EROSION, SEDIMENTATION & POLLUTION CONTROL - INTERMEDIATE PHASE
EC3.0	EROSION, SEDIMENTATION & POLLUTION CONTROL - FINAL PHASE
EROSION SEDIMENTATION AND POLLUTION CONTROL NOTES	
EC4.0	EROSION, SEDIMENTATION & POLLUTION CONTROL NOTES
EC4.1	EROSION, SEDIMENTATION & POLLUTION CONTROL NOTES
EC4.2	EROSION, SEDIMENTATION & POLLUTION CONTROL NOTES
EROSION SEDIMENTATION AND POLLUTION CONTROL DETAILS	
EC5.0	EROSION, SEDIMENTATION & POLLUTION CONTROL DETAILS
EC5.1	EROSION, SEDIMENTATION & POLLUTION CONTROL DETAILS

#### REVISION LISTING

REV. NO.	REVISION	BY	DATE



Know what's below.  
Call before you dig.



**Pittman Engineering Co., LLC**

2591 Hwy 17S Suite 303  
Richmond Hill, GA 31324  
912-445-0578  
www.PittmanEngineeringCo.com

### GENERAL NOTES:

#### OWNER/DEVELOPER:

JANICE WILLIAMS  
???

#### ENGINEER:

PITTMAN ENGINEERING CO., LLC  
2591 HWY 17S SUITE 303  
RICHMOND HILL, GA 31324  
912-445-0578  
www.PittmanEngineeringCo.com

#### SITE DATA:

ZONE: PRIP  
TOTAL PROJECT ACREAGE: 1.47 ACRES  
DISTURBED AREA: 1.3 ACRES  
PIN NUMBER: 7-0976-02-025  
FLOOD MAP: 13051C0030G (8/16/18)  
FLOOD ZONE: X

#### FLOOD ZONE NOTE:

AS INDICATED ON THE SURVEY BY KERN-COLEMAN & CO. (DATED 6/25/02), THIS PROPERTY IS LOCATED IN ZONE X.

#### SURVEY INFORMATION:

##### THE BOUNDARY INFORMATION:

REFERENCE INFORMATION TAKEN FROM SURVEY BY KERN-COLEMAN & CO., 6/25/02.

##### THE TOPOGRAPHIC INFORMATION:

ALL ELEVATIONS BASED ON NGVD 1929???

## CONSTRUCTION NOTES & LEGEND

#### General Notes:

- All elevations are based on NGVD 1929???.
- Survey by KERN-COLEMAN & CO., 6/25/02.
- Existing utility locations shown are generally schematic in nature and may not accurately reflect the size and location of each particular utility. Contractor shall field verify location of all existing utilities prior to beginning construction. All existing utilities may not be shown on these drawings. It is the contractor's responsibility to coordinate his operation with all utilities which may be in conflict with his work. The contractor must maintain and protect all utilities, or relocate utilities as needed.
- Contractor is responsible for coordination with utility companies and adjustment of existing sanitary sewer cleanouts, manholes, water meters, storm inlets, manholes, and any other appurtenances to final grade as required.
- Contractor is responsible for worksite safety. Occurrences at worksite shall be the complete responsibility of the contractor.
- The contractor shall not begin construction until the proper permits have been issued.
- The contractor shall be responsible for locating all existing utilities prior to beginning construction activities and for avoiding all conflicts with the same. Any damage to existing utilities shall be repaired at the contractor's expense.
- The contractor shall completely clear and grub all areas within the limits of disturbance unless indicated otherwise.
- All construction shall conform to the Chatham County Codes of Ordinances.
- Contractor shall coordinate construction activities with local utility companies and adjacent property owners. Contractor shall be responsible for protection and any necessary repairs to existing utility lines.
- Three days notice to city and local utility companies is required prior to each different construction activity.
- Control of stormwater and groundwater throughout the construction period shall be the responsibility of the contractor. Existing drainage is not to be impeded during construction. All penalties, claims and fees imposed on owner as a result of damage caused by actions of the contractor, his employees or subcontractors shall be borne in full by the contractor. Storm drainage conveyance shall not be impeded and dewatering may be required for the contractor. These are considered "Means and Methods," and any and all cost associated with this activity shall be included in the respective pay category.
- Contractor shall be responsible for repairs of damage to any existing infrastructure including but not limited to roads, sidewalk, curb & gutter, landscaping, structures, and all existing conditions.
- All signs, mail boxes, shrubbery, fences, landscaping or existing structures interfering with construction shall be removed and replaced by the contractor at the contractor's expense.
- Contractor shall be solely responsible for all construction means, methods, techniques, and procedures and shall at all times take all reasonable safety precautions for the safety of its employees on the project and shall comply with all applicable provisions of federal, state, and municipal safety laws and building construction codes.
- Contractor shall comply to the fullest extent with the latest standards or OSHA directives or any other agency having jurisdiction for excavation and trenching procedures. The contractor shall provide support systems, sloping, benching and other means of protection. This shall include, but not be limited to, access and egress from all excavation and trenching. Contractor is responsible for his job site to be in complete compliance with all regulatory requirements.
- All construction debris shall be removed from the site and disposed of in an approved waste disposal area. The contractor shall be responsible for disposal of all construction debris.
- Contractor must provide proper traffic control devices for construction in accordance with "Manual of Uniform Traffic Control Devices" (latest edition).
- Only new Reinforced Concrete Pipe Class III, shall be used in city road rights-of-ways or for drainage systems or if any storm runoff from adjoining properties drain through the proposed project.
- Pipes up to thirty-six inches in diameter shall have flared end sections.
- Pipes of dissimilar size shall be vertical aligned with their energy grade line or shall have crowns of the pipe converge at a manhole or other structure.
- All pipe joints, in addition to the required rubber gaskets, shall be covered with approved geo-textile material of sufficient width to be secured to the pipe and completely encircle the joint with 50% overlap.
- All pipe that crosses a road shall be imbedded in suitable material compacted to minimum 100% standard proctor. Suitable materials are GW, GP, GM, GC, SP, or SW soils as classified under the Unified System.
- All stormwater inlets structures shall be of the standard design and shall have inverts built in bottoms.
- Swales shall have a 5:1 side slopes or flatter.
- All PVC pipe shall be stored out of the sunlight or appropriately covered with a UV resistant cover. All PVC pipe shall be properly supported so "sagging" of the pipe doesn't occur during storage. Any PVC pipe showing UV degradation or sagging shall be removed and replaced at the contractor's expense.

#### Staking Notes:

- All dimensions are to the edge of pavement unless shown otherwise on the plans.
- Layout for manholes, inlets, etc., is not shown on this plan.
- The contractor shall verify existing benchmarks shown on the plans to establish vertical control on the site. The contractor shall be responsible for protecting these from unauthorized removal or replacement of benchmarks. When a permanent benchmark is located such that it must be removed to complete the project, the contractor shall establish such temporary benchmarks as he may require prior to removing the permanent benchmark. The contractor shall provide the location, identification and elevation of any temporary benchmark established to the owner and engineer.

#### Paving, Grading and Drainage Notes:

- The contractor shall be responsible for locating all existing underground utilities prior to beginning construction activities and for avoiding all conflicts with the same. Any damage to existing utilities shall be repaired at the contractor's expense.
- Contours shown on these plans are for general guidance and informational purposes. The contractor shall grade the site in accordance with spot elevations shown. In cases of conflict between spot elevations and contours the spot elevations will govern.
- Load bearing and structural fills shall be approved suitable material as defined in the project specs, geotechnical report, Georgia Department of Transportation specifications and International Builder's Code. The most stringent requirement shall be adhered to. Waste material may be used for flushing of shoulder or construction of pedestrian or landscaped areas if they can be stabilized and will support plant growth and meet the required degree of compaction.
- Contractor shall be responsible for ensuring proper drainage of any areas which are field adjusted during construction.
- See details for requirements for control, construction and expansion joints in concrete sidewalks and curb and gutter.
- Standard curb and gutter will be used where the drawings indicate that the gutter is to carry water. Pitched curb and gutter will be used where the drawings indicate the water will drain away from the gutter. Transitions between the two conditions shall be made as smoothly as possible.
- Invert elevations shown on the plans are to the invert of the lowest pipe.
- All storm drainage pipe shall be Class III Reinforced Concrete Pipe.

#### Signage and Striping Notes:

- All traffic control measures shall conform to the latest edition of the "Manual on Uniform Traffic Control Devices." The manual identification and dimensions are shown on staking sheets for each required sign. The orientation of each sign from an approaching driver's point of view is also shown. Sign and support post material and installation shall conform to the pertinent sections of the current edition of the Georgia Department of Transportation specifications (latest edition).
- Street name markers are required at all intersections.

#### Water and Sewer Notes:

- The contractor shall be responsible for locating all existing underground utilities prior to beginning construction activities and for avoiding all conflicts with the same. Any damage to existing utilities shall be repaired at the contractor's expense.
- All water and sewer connections to existing active systems are to be coordinated with Chatham County Engineering and Public Works Departments a minimum of 72 hours prior to construction activities. Any damage to existing County utilities shall be repaired immediately at the Contractor's expense.
- All construction shall be in accordance with the Chatham County Codes of Ordinances.
- All water main pipe shall be AWWA C-900 Pressure Rated Pipe, Pressure Class 150, with dimension ratio 18 or lower and blue. If Ductile Iron water mains are necessary, they shall be Pressure Class 350, with cement interior lining in accordance with the latest revision of ANSI A-21.4 (AWWA C-104) and asphaltic exterior coating. The water service laterals shall be Polyethylene PE 3408 SDR 9 conforming to all requirements of AWWA C-901 and ASTM D-2737 latest revisions.
- All sanitary sewer pipe shall be PVC and green, ASTM D-3034, SDR-26.
- Minimum slope of 4-inch sewer laterals shall be 1.0%.
- All PVC Water Main shall be blue and all PVC Sewer shall be green.
- Sewer pipe deflection shall not exceed 5.0%. Deflection shall be verified using a spherical or cylindrical mandrel with a diameter no less than 95% of the inside pipe diameter.
- All manhole and inlet castings shall be American made. Manufacturer's specification sheets shall be submitted for review and approval.
- Manhole frame heights outside of paved areas shall be a minimum of 0.2 feet above finished grade.
- Pipe, fittings, valves, and other accessories shall, unless otherwise directed, be unloaded at the point of delivery and stored where they will be protected and will not be hazardous to traffic. They shall at all times be handled with care to avoid damage. The interior of all pipes, fittings and other accessories shall be kept free from dirt and foreign matter at all times.
- All water main thrust restraint shall be handled by use of joint restraint/mechanical joints equivalent to Ebao Iron Megalug or push-on joint type restrained joints equivalent to "Lok-Ring", "IR Flex", or "Super Lock". Concrete thrust block shall not be allowed.
- All water mains shall have a minimum cover of 3 feet and a maximum cover of 5 feet measured from finished grade. Where the water main crosses other utility lines, the water main shall be installed 18" (pipe to pipe) below the other utility lines (if required) to avoid conflicts and maintain cover.
- Maintain a minimum horizontal separation of 10 feet between water, sewer, and drainage lines unless otherwise shown.
- When pipe laying is not in progress, a mechanical joint plug or cap will be used to form a water tight seal at both ends of the line being installed.
- The following procedure shall be followed during flushing of the lines prior to connection to the water system:
  - Flush the water mains using a full size flush having a minimum velocity of 2.5 feet per second.
  - Continue flushing for a minimum time period of thirty minutes or until water line is purged of foreign matter and water runs clear.
- All water used for construction, if obtained from an unmetered line, must be metered through an approved fire hydrant meter with a backflow prevention device obtained from the municipality's water department.
- Water distribution pipe shall have a #12 Gauge Solid Copper Tracing Wire installed along its length, including laterals up to the meter or backflow preventer.
- All connections of the #12 Gauge Solid Copper Tracing Wire shall be made with 3m brand splice kits.
- Mylar detectable warning tape shall be installed in sanitary sewer trenches or as required by city.
- Gate Valves & Valve Boxes: Gate Valves shall be cast iron or ductile iron body, bronze mounted, double disc, or resilient wedge design, with non-rising stems conforming to AWWA C-500, C-509, or C-515. Valves shall have a working pressure of 200 psi, and be tested at 400 psi.
- Hydrants shall be Mueller or approved equal with traffic yellow enamel finish and be equipped with a 4-1/2" outlet facing the street side with two 2-1/2" outlets on either side. Hydrants shall be restrained with mechanical joint fittings and rodded. Hydrant legs shall be ductile iron pressure class 350 pipe. Tracer wire shall be extended along hydrant legs, to hydrant isolation valves and up outside of valve box, and shall also extend up hydrant base terminating above grade.

#### Special Notes:

- All earthworks for roadways shall be in accordance with Georgia Department of Transportation requirements.
- The engineer shall make periodic site visits to observe construction of the project infrastructure and furnish an engineer's letter of completion with qualifiers at project close-out.
- All sidewalks shall have no more than 2% cross slope, including driveway crossings.
- All earthworks for lot areas and building pads shall be in conformance with the geotechnical report prepared for owner by others. The contractor shall request this report from the owner if it has not been furnished in the bid documents. Any recommendations contested by the contractor shall be submitted to the owner prior to commencing. Failing to notify the owner and resolving any conflicts, the contractor will be considered to have proceeded at their own risk and expense.
- Contractor shall furnish as-built data for the water, sewer and storm lines which are to be stamped by a registered land surveyor registered in the state of Georgia. The survey shall be delivered in AutoCAD format and be in compliance with the city requirements.
- The roads and drainage in this project are public and shall be owned and maintained by Chatham County.

### LEGEND

#### LINE STYLES

#### PATTERNS

#### LEGEND

NO.	REVISIONS	BY	DATE

RAY A. PITTMAN, P.E.  
GSASVC LEVEL II  
DESIGN PROFESSIONAL  
CERTIFICATION #12469

**Pittman Engineering Co., LLC**  
2591 Hwy 17S Suite 303  
Richmond Hill, GA 31324  
912-445-0578  
www.PittmanEngineeringCo.com

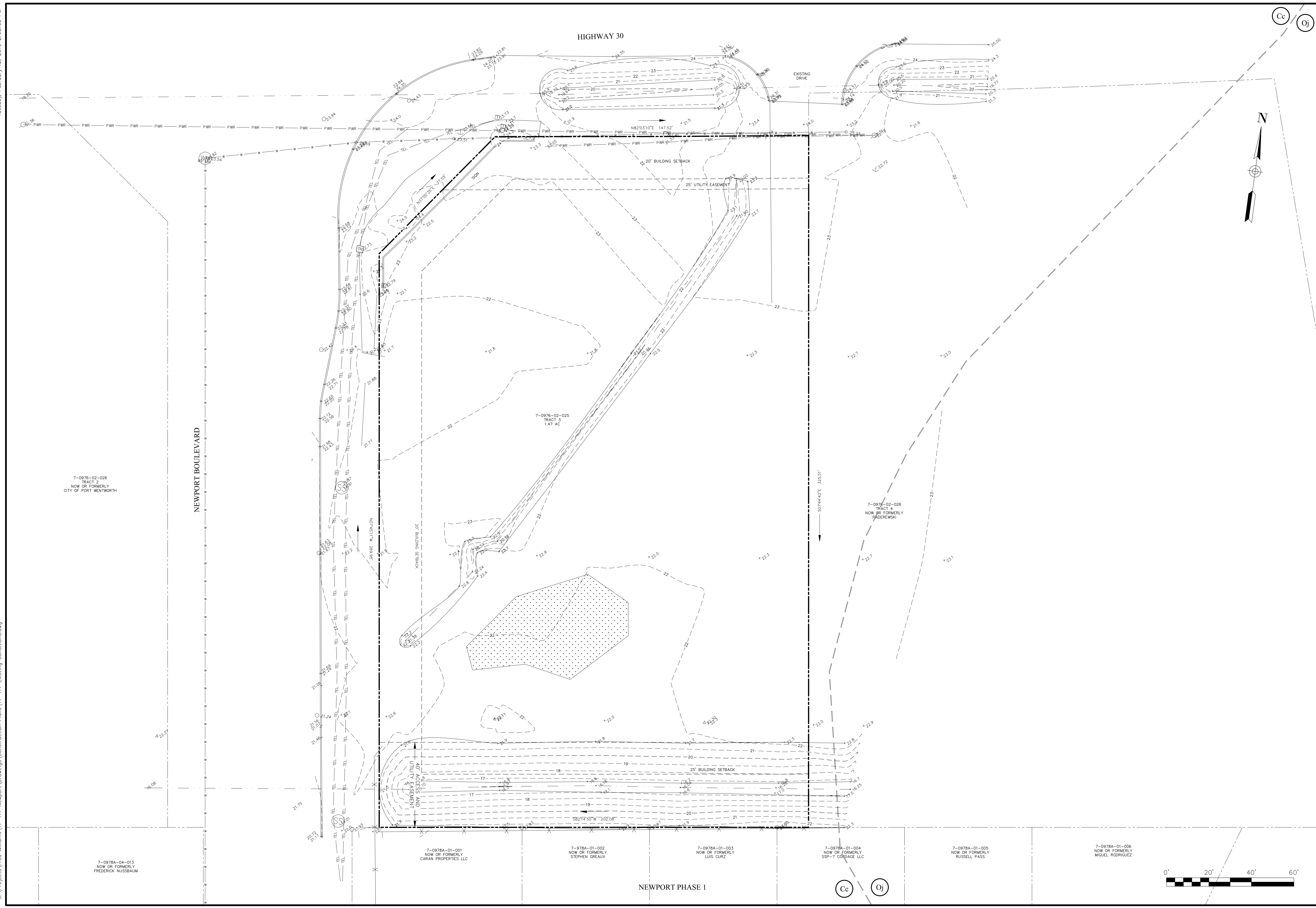
**GENERAL NOTES**  
**NEWPORT SQUARE TOWNHOMES**  
PORT WENTWORTH, GEORGIA 31407???

Prepared For  
**COOPERS HILLS, LLC**

Project No. 17-117  
Drawn By: MJS  
Designed By: RAP  
Checked By: RAP  
Scale: N.T.S.  
Date: 4/9/18

SHEET  
**C1.1**





7-0976-02-026  
TRACT 2  
NOW OR FORMERLY  
CITY OF PORT WENTWORTH

7-0978A-01-013  
NOW OR FORMERLY  
FREDERICK NUSSBAUM

7-0978A-01-001  
NOW OR FORMERLY  
CARMAN PROPERTIES, LLC

7-0978A-01-002  
NOW OR FORMERLY  
STEPHEN GREAUX

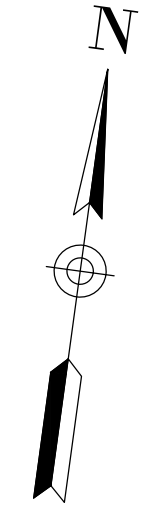
7-0978A-01-003  
NOW OR FORMERLY  
LUIS CURZ

7-0978A-01-004  
NOW OR FORMERLY  
SSP-7 CONDOAGE LLC

7-0978A-01-005  
NOW OR FORMERLY  
RUSSELL PASS

7-0978A-01-006  
NOW OR FORMERLY  
MIGUEL RODRIGUEZ

NEWPORT PHASE 1



REV	REVISIONS	BY	DATE

RAY A. PITTMAN, P.E.  
CSA/CVCC LEVEL II  
DESIGN PROFESSIONAL  
CERTIFICATION #12469

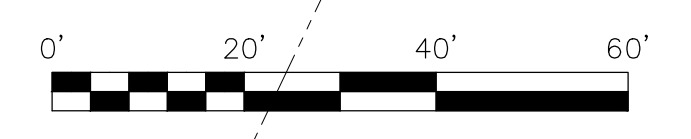
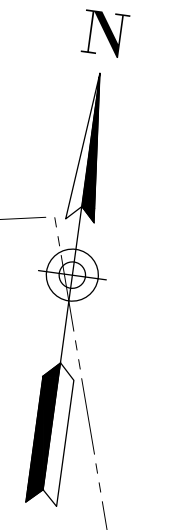
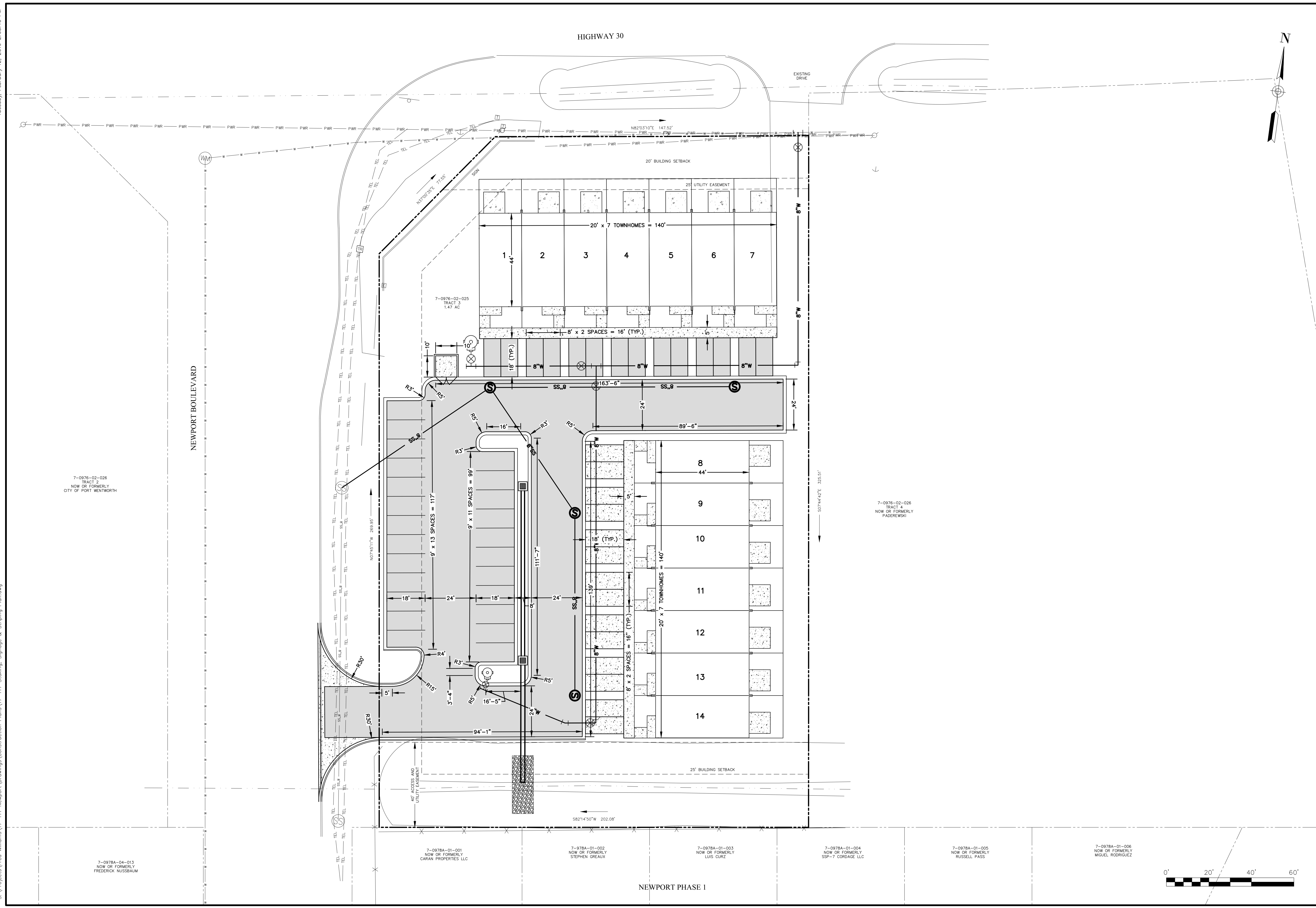
**Pittman Engineering Co., LLC**  
2591 Hwy. 17S Suite 303  
Richmond Hill, GA 31324  
912-445-0578  
www.PittmanEngineeringCo.com

**EXISTING CONDITIONS**  
**NEWPORT SQUARE TOWNHOMES**  
PORT WENTWORTH, GEORGIA 31407???

Prepared For  
**COOPERS HILLS, LLC**

Project No. 17-117  
Drawn By: **MJS**  
Designed By: **RAP**  
Checked By: **RAP**  
Scale: 1"=20'  
Date: 4/9/18

SHEET  
**C1.2**



REV	REVISIONS	BY	DATE

RAY A. PITTMAN, P.E.  
 GSACC LEVEL II  
 DESIGN PROFESSIONAL  
 CERTIFICATION #12469

**Pittman Engineering Co., LLC**  
 2591 Hwy 17S Suite 303  
 Richmond Hill, GA 31324  
 912-445-0578  
 www.PittmanEngineeringCo.com

**STAKING, SIGNAGE & STRIPING PLAN**  
**NEWPORT SQUARE TOWNHOMES**  
 PORT WENTWORTH, GEORGIA 31407???

Prepared For  
**COOPERS HILLS, LLC**

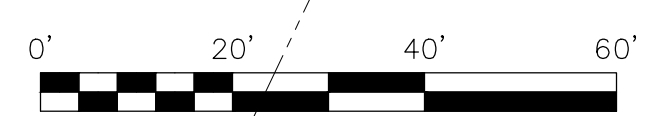
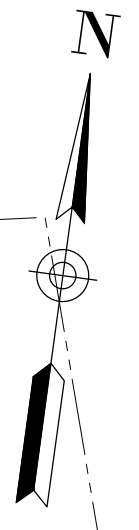
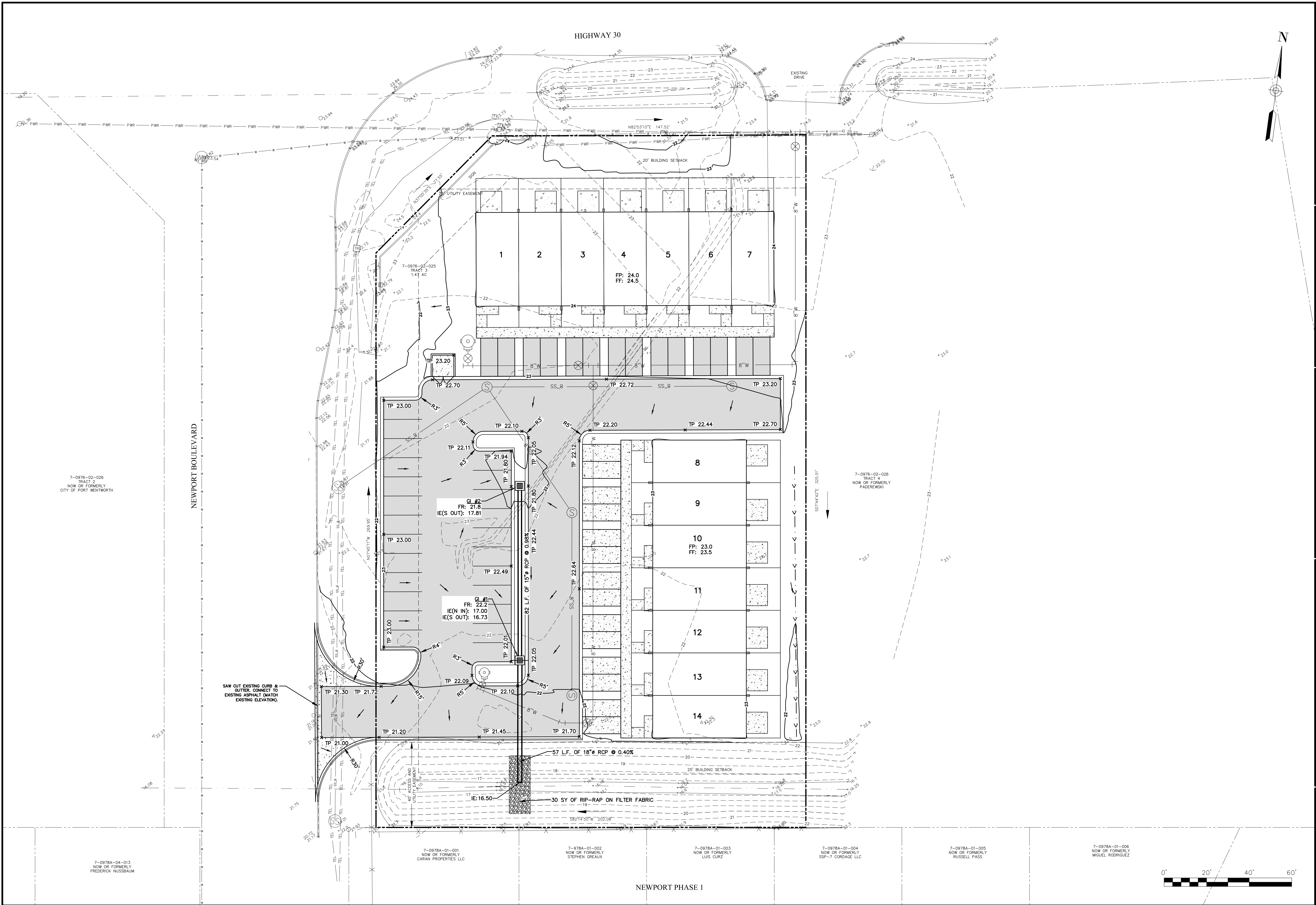
Project No. 17-117  
 Drawn By: **MJS**  
 Designed By: **RAP**  
 Checked By: **RAP**  
 Scale: 1"=20'  
 Date: 4/9/18

SHEET  
**C1.3**

Tuesday, February 12, 2019 3:14:37 PM

S:\Projects\Fred Williams\Drawings\Construction Plans\17-117 Paving, Grading & Drainage Plans.dwg

Attachment: Newport Square Townhomes-PIN 7-0976-02-025 Preliminary Plat Site Plans 1 of 2 (503 : 503) : Subdivision Application PRELIMINARY PLAT NEWPORT SQUARE TOWNHOMES March 2019)



REV.	REVISIONS	BY	DATE

RAY A. PITTMAN, P.E.  
 GSWCC LEVEL II  
 DESIGN PROFESSIONAL  
 CERTIFICATION #12469

**Pittman Engineering Co., LLC**  
 2591 Hwy. 17S Suite 303  
 Richmond Hill, GA 31324  
 912-445-0578  
 www.PittmanEngineeringCo.com

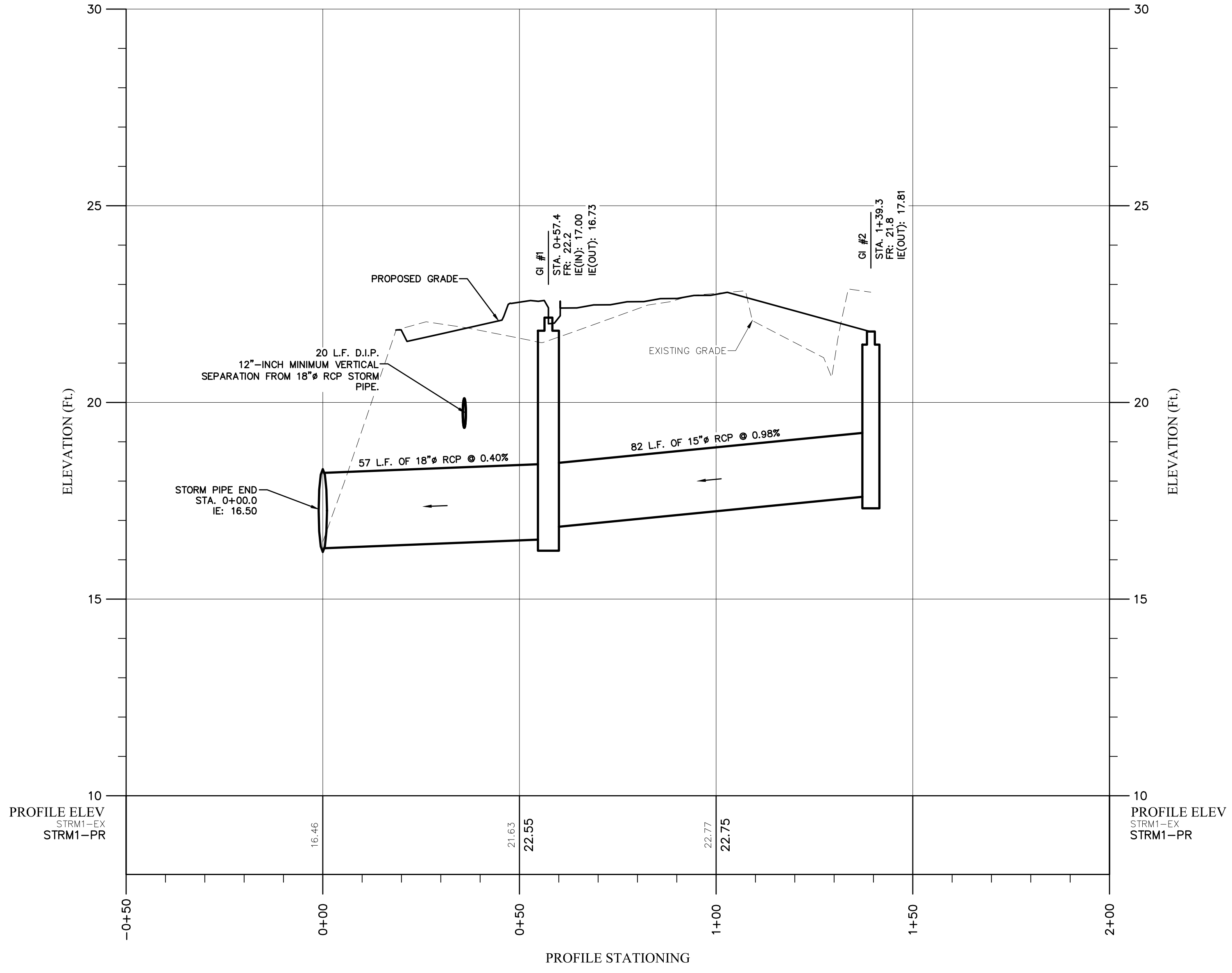
PAVING, GRADING & DRAINAGE PLAN  
**NEWPORT SQUARE TOWNHOMES**  
 Prepared For  
**COOPERS HILLS, LLC**

Project No. 17-117  
 Drawn By: MJS  
 Designed By: RAP  
 Checked By: RAP  
 Scale: 1"=20'  
 Date: 4/9/18

SHEET  
**C2.1**

S:\Projects\Fred Williams\17-117 Newport\Drawings\Xref'd Drawings\17-117 Water, Sewer & Drainage Design.dwg Tuesday, February 12, 2019 3:15:18 PM

### STORM #1



REV.	REVISIONS	BY	DATE

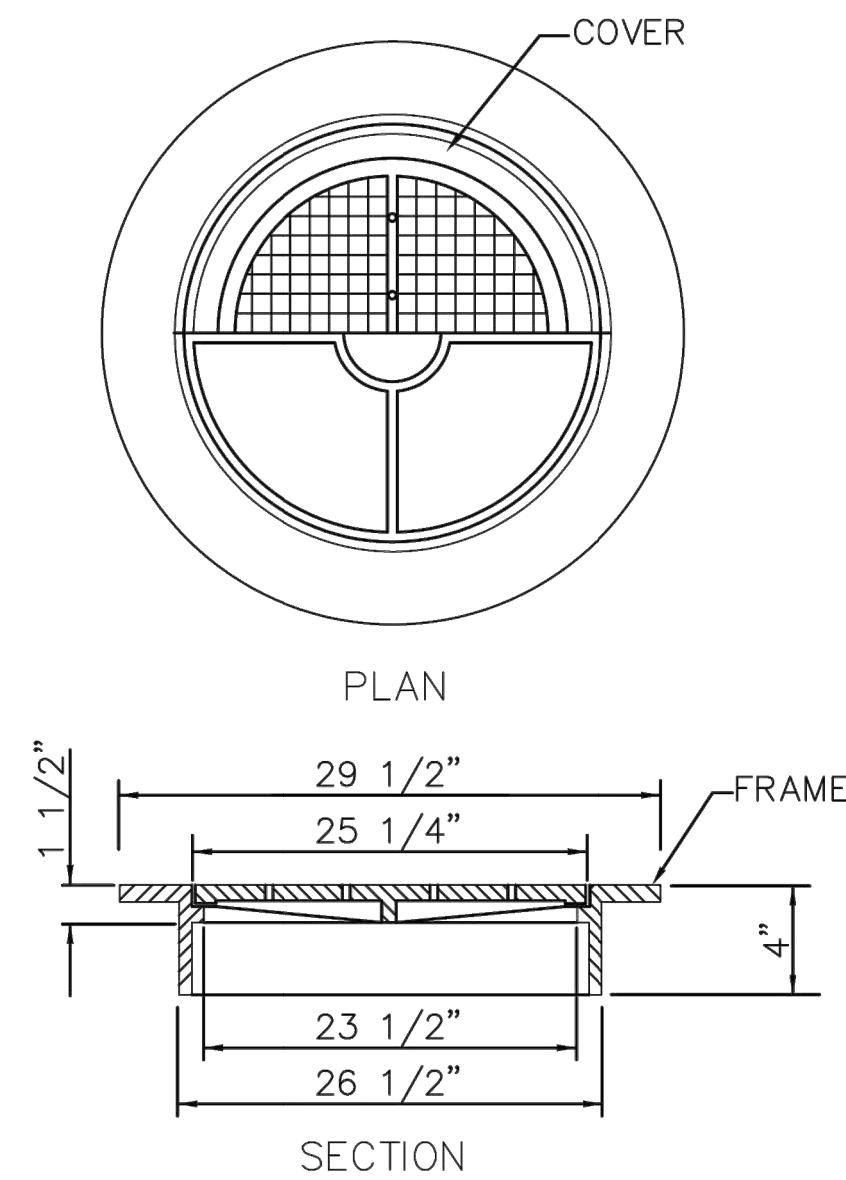
RAY A. PITTMAN, P.E.  
 GSWCC LEVEL II  
 DESIGN PROFESSIONAL  
 CERTIFICATION #12469

**Pittman Engineering Co., LLC**  
 2591 Hwy. 17S Suite 303  
 Richmond Hill, GA 31324  
 912-445-0578  
 www.PittmanEngineeringCo.com

STORM PROFILES  
 NEWPORT SQUARE TOWNHOMES  
 Prepared For  
 COOPERS HILLS, LLC

Project No. 17-117  
 Drawn By: MJS  
 Designed By: RAP  
 Checked By: RAP  
 Scale: 20H 2V  
 Date: 4/9/18

SHEET  
**C2.2**



- NOTES:
1. FRAME AND COVER TO BE NEENAH FOUNDRY COMPANY CATALOG NO. R-5900-F OR EQUIVALENT WEIGHT 205#.
  2. COVER MUST HAVE FOUNDRY STAMP SHOWING THE UTILITY (DRAINAGE).

INLET FRAME & COVER

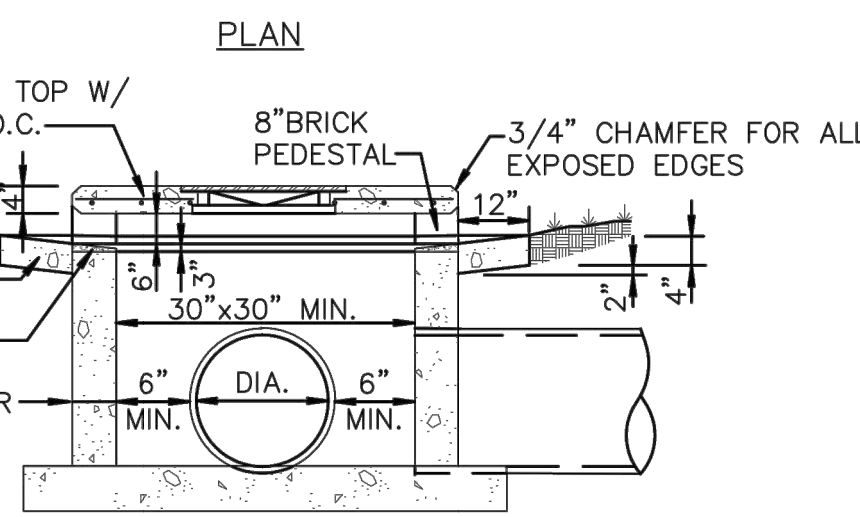
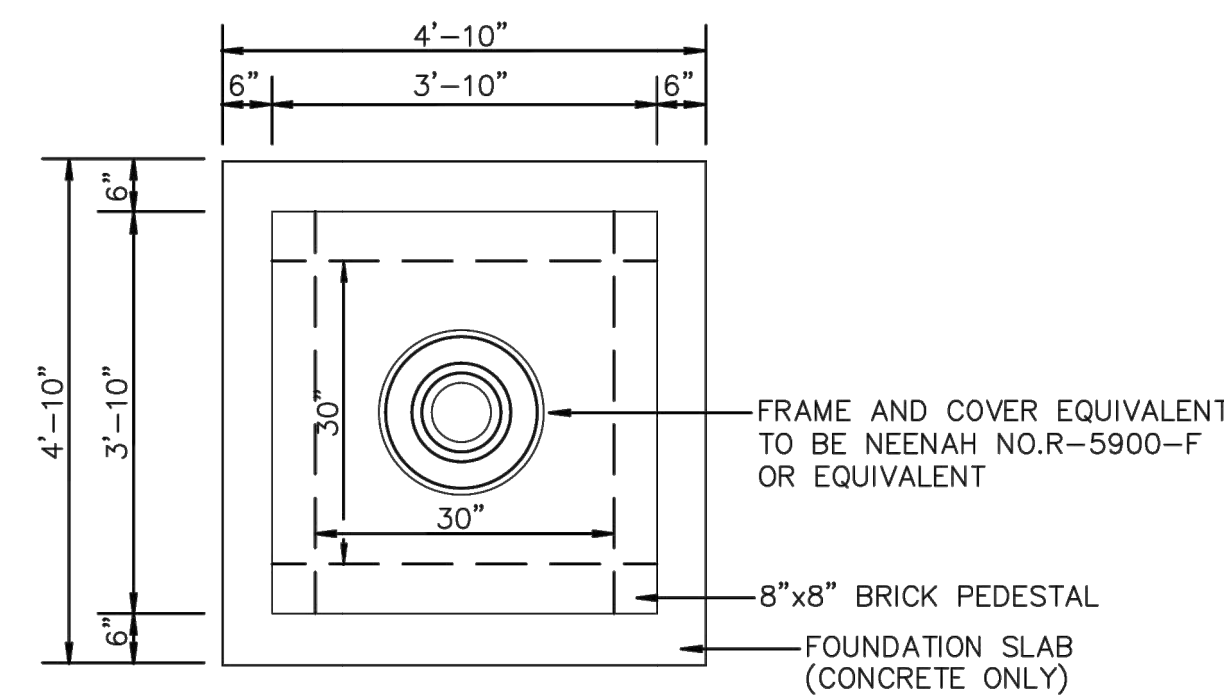


City of Port Wentworth  
TECHNICAL DETAILS

SD-5

PREPARED BY SAUSSY ENGINEERING, LLC.

SCALE: N.T.S.  
DATED: FEBRUARY 2007



ROOF INLET DETAIL

ROOF INLET DETAIL

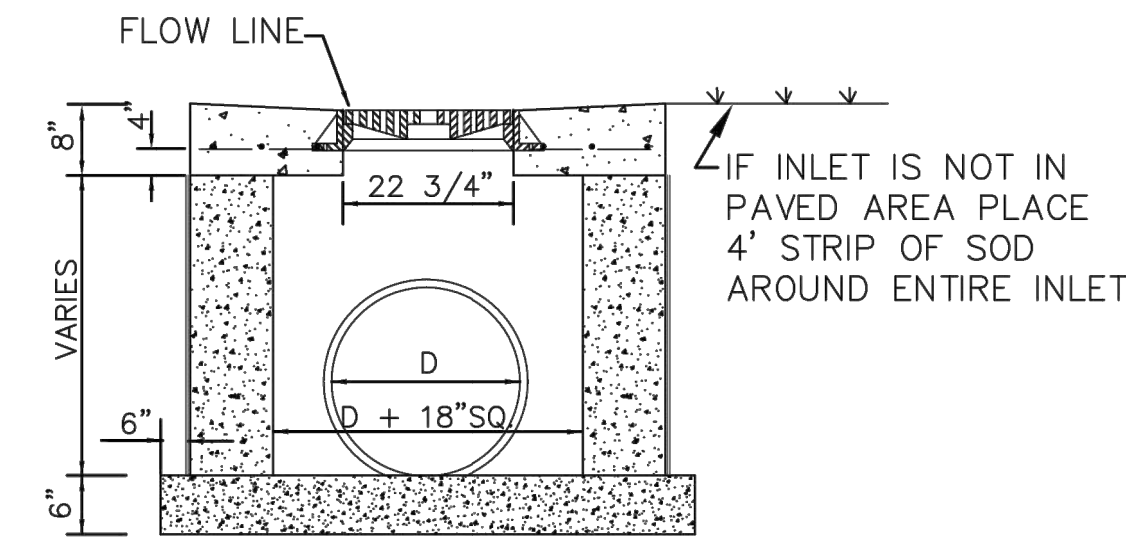
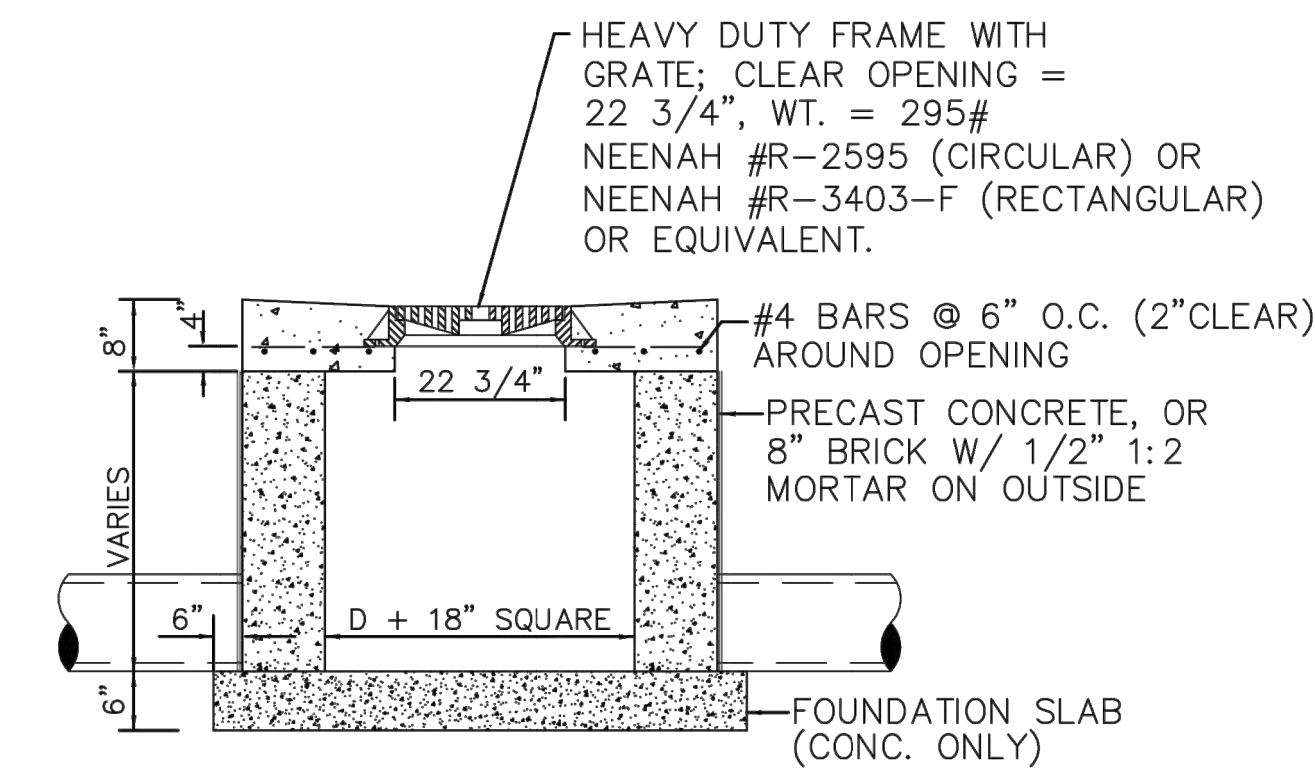


City of Port Wentworth  
TECHNICAL DETAILS

SD-6

PREPARED BY SAUSSY ENGINEERING, LLC.

SCALE: N.T.S.  
DATED: FEBRUARY 2007



GRATE INLET

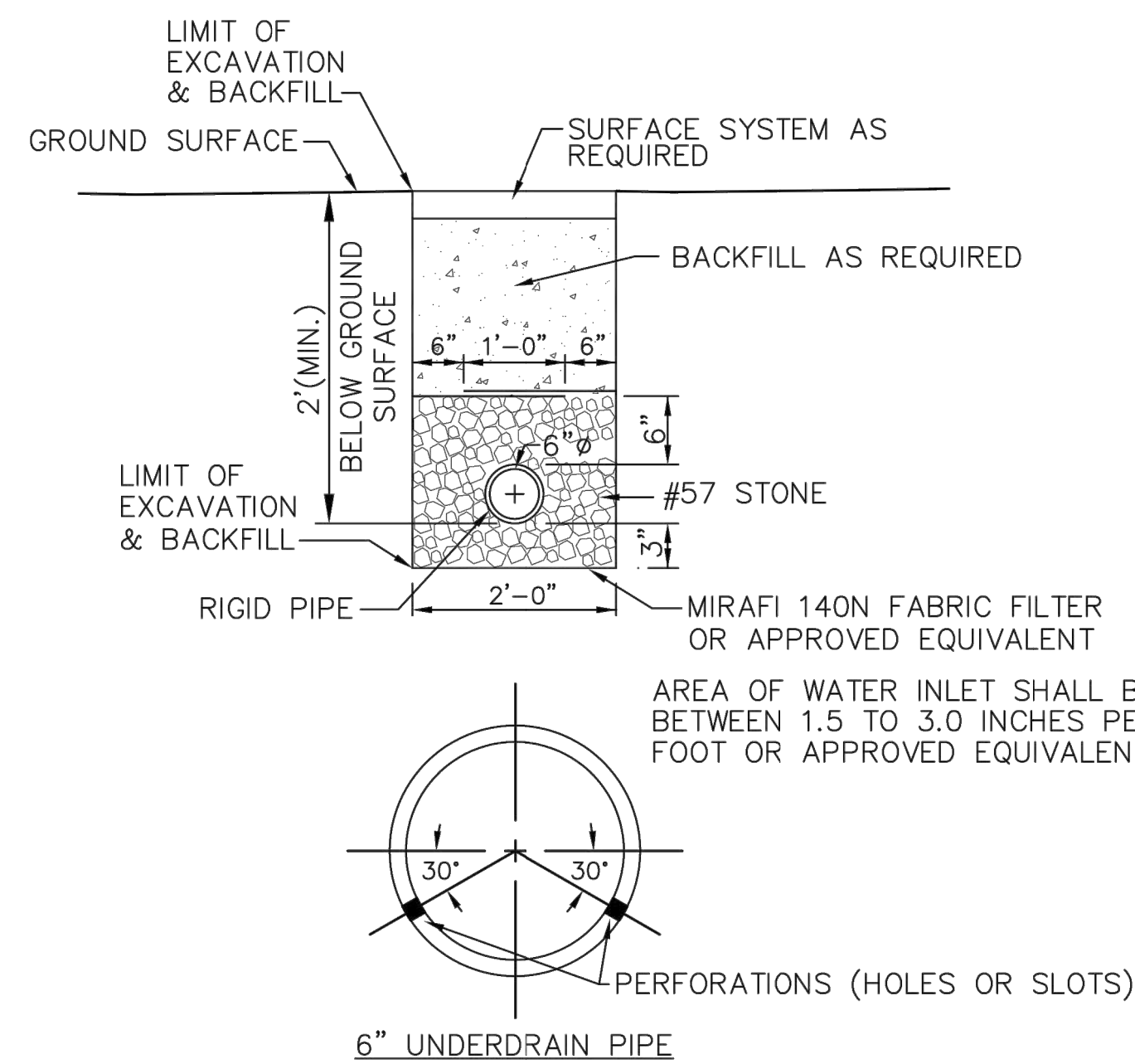


City of Port Wentworth  
TECHNICAL DETAILS

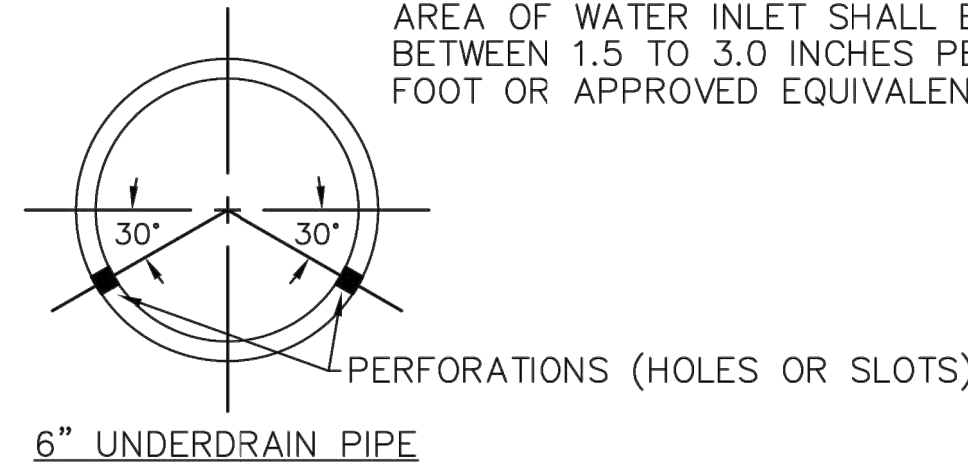
SD-8

PREPARED BY SAUSSY ENGINEERING, LLC.

SCALE: N.T.S.  
DATED: FEBRUARY 2007



AREA OF WATER INLET SHALL BE BETWEEN 1.5 TO 3.0 INCHES PER FOOT OR APPROVED EQUIVALENT



6" UNDERDRAIN PIPE

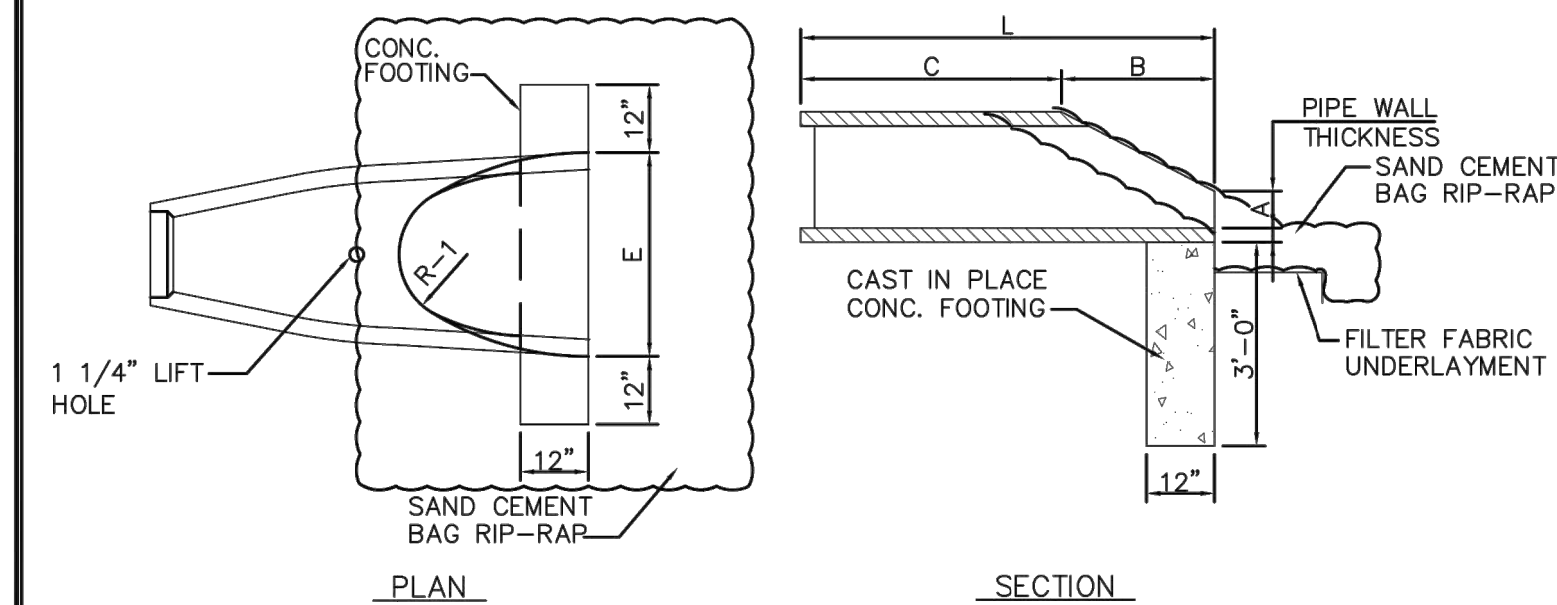


City of Port Wentworth  
TECHNICAL DETAILS

SD-10

PREPARED BY SAUSSY ENGINEERING, LLC.

SCALE: N.T.S.  
DATED: FEBRUARY 2007



PIPE DIA.	A	B	C	L	E	R-1
15"	6"	2'-3"	3'-10"	6'-1"	2'-6"	1'-0"
18"	9"	2'-3"	3'-10"	6'-1"	3'-0"	1'-4"
24"	10"	3'-8"	2'-6"	6'-2"	4'-0"	1'-5"
30"	12"	4'-6"	1'-8"	6'-2"	5'-0"	1'-6"
36"	16"	5'-3"	2'-11"	8'-2"	6'-0"	2'-0"
42"	21"	5'-3"	2'-11"	8'-2"	6'-6"	2'-4"

REINFORCEMENT CONFORMS TO ASTM A-82

FLARED END SECTION

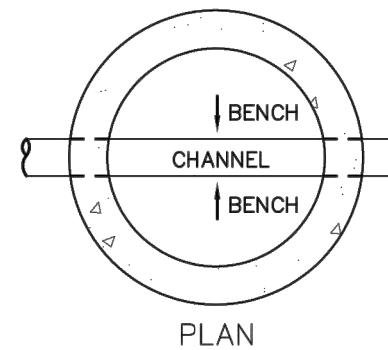
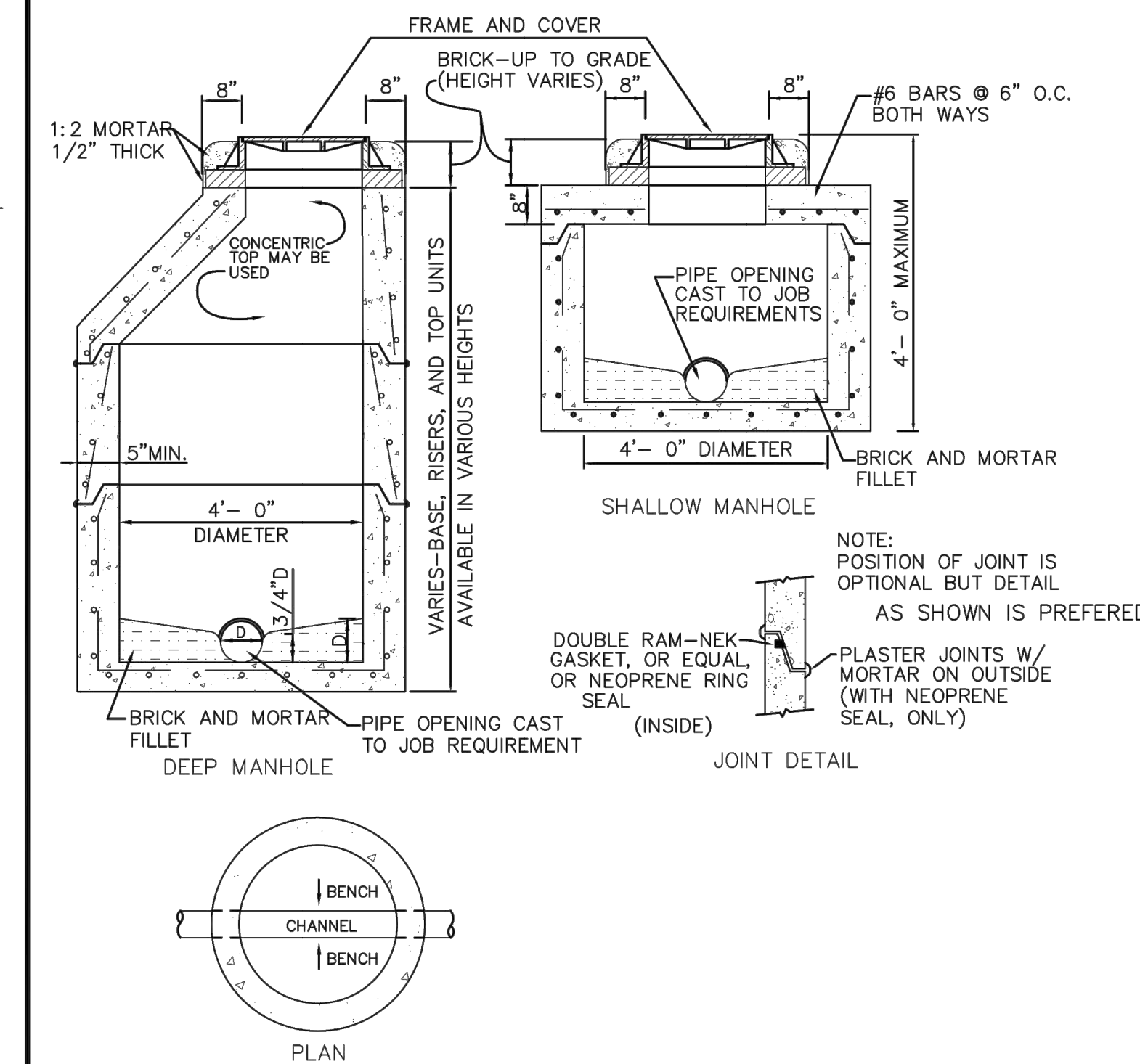


City of Port Wentworth  
TECHNICAL DETAILS

SD-11

PREPARED BY SAUSSY ENGINEERING, LLC.

SCALE: N.T.S.  
DATED: FEBRUARY 2007



PRECAST STORM MANHOLE



City of Port Wentworth  
TECHNICAL DETAILS

SD-12

PREPARED BY SAUSSY ENGINEERING, LLC.

SCALE: N.T.S.  
DATED: FEBRUARY 2007

REV.	REVISIONS	BY	DATE

RAY A. PITTMAN, P.E.  
GSNCC LEVEL II  
DESIGN PROFESSIONAL  
CERTIFICATION #12469

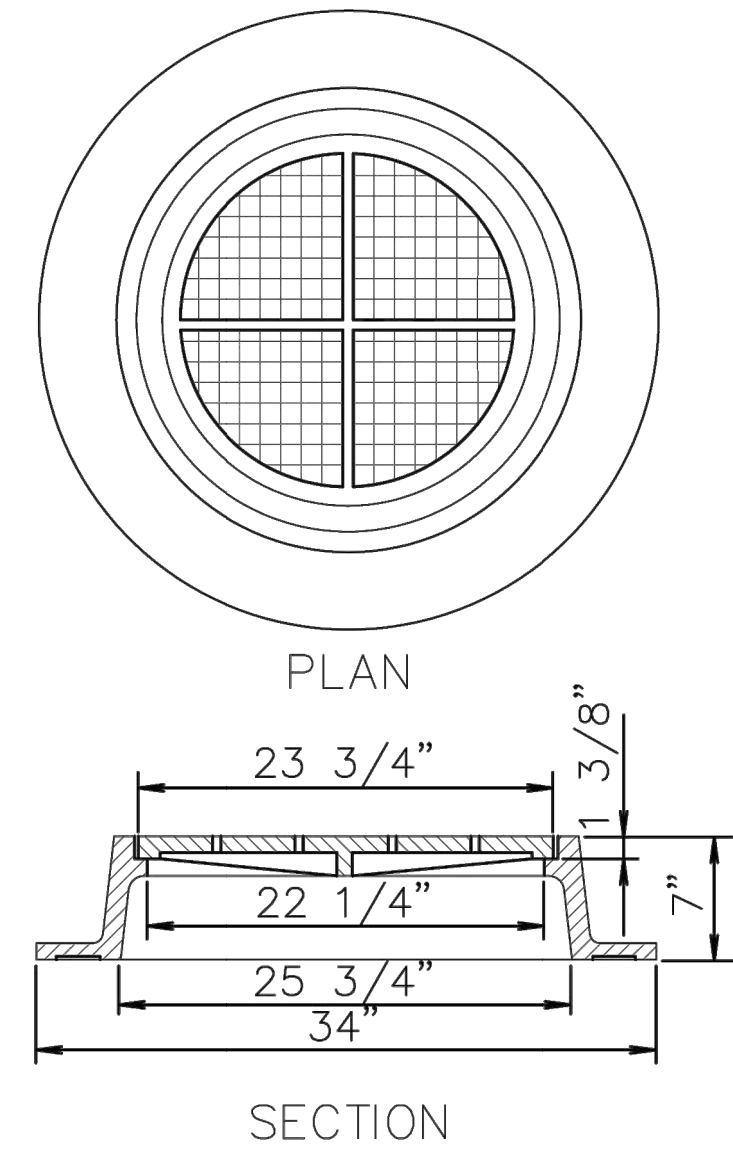
**Pittman Engineering Co., LLC**  
2591 Hwy 17S Suite 303  
Richmond Hill, GA 31324  
912-445-0578  
www.PittmanEngineeringCo.com

PAVING, GRADING & DRAINAGE DETAILS  
**NEWPORT SQUARE TOWNHOMES**  
PORT WENTWORTH, GEORGIA 31407???

Prepared For  
**COOPERS HILLS, LLC**

Project No. 17-117  
Drawn By: MJS  
Designed By: RAP  
Checked By: RAP  
Scale: N.T.S.  
Date: 4/9/18

SHEET  
**C2.3**



NOTE:  
MANHOLE RIM & COVER SIMILAR TO NEENAH FOUNDRY CO. R-1412-A4. TOTAL WEIGHT 310#. TYPE "C" LID TO HAVE MACHINED BEARING SURFACES. LID TO BE LETTERED "STORM",

STORM MANHOLE RING & COVER

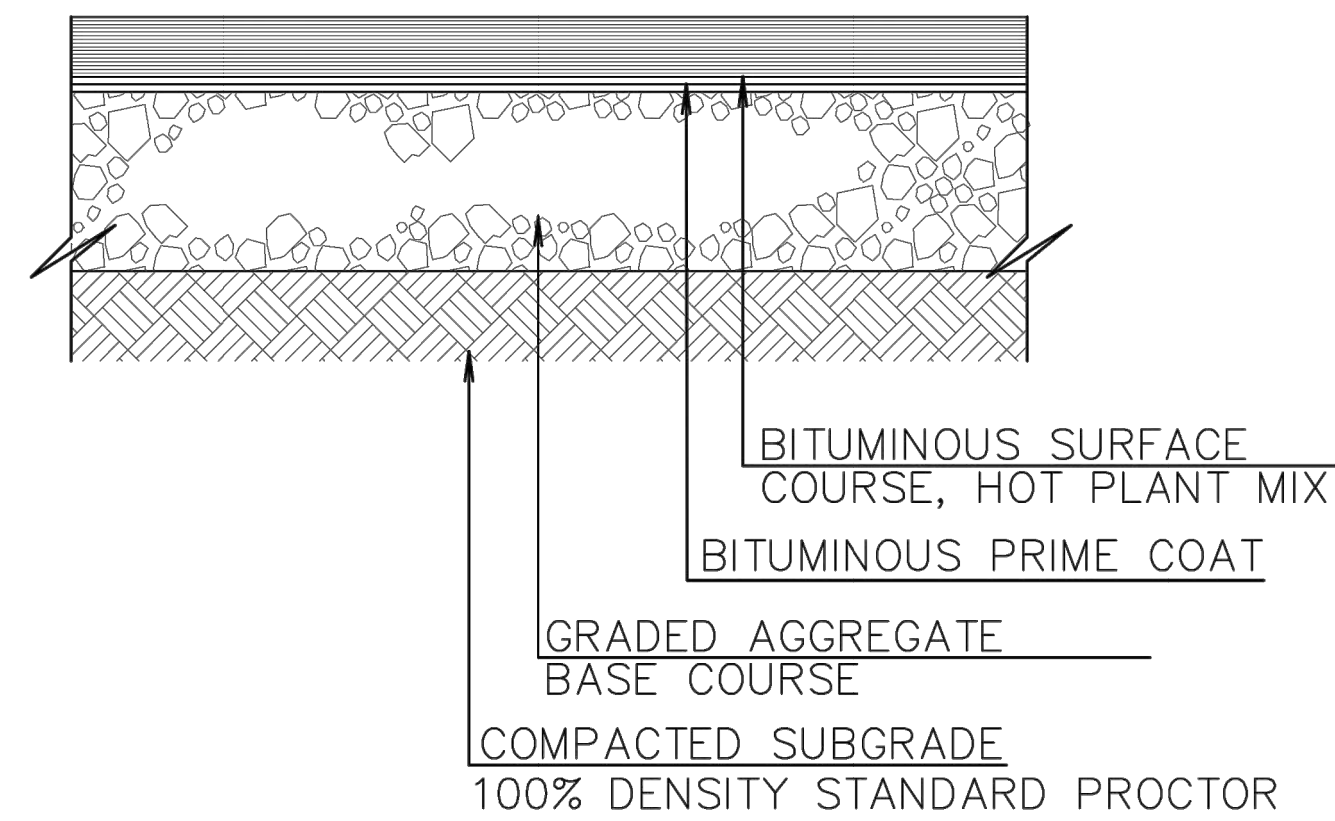


City of Port Wentworth  
TECHNICAL DETAILS

SD-14

PREPARED BY SAUSSY ENGINEERING, LLC.

SCALE: N.T.S.  
DATED: FEBRUARY 2007



TYPICAL BITUMINOUS PAVING SECTION

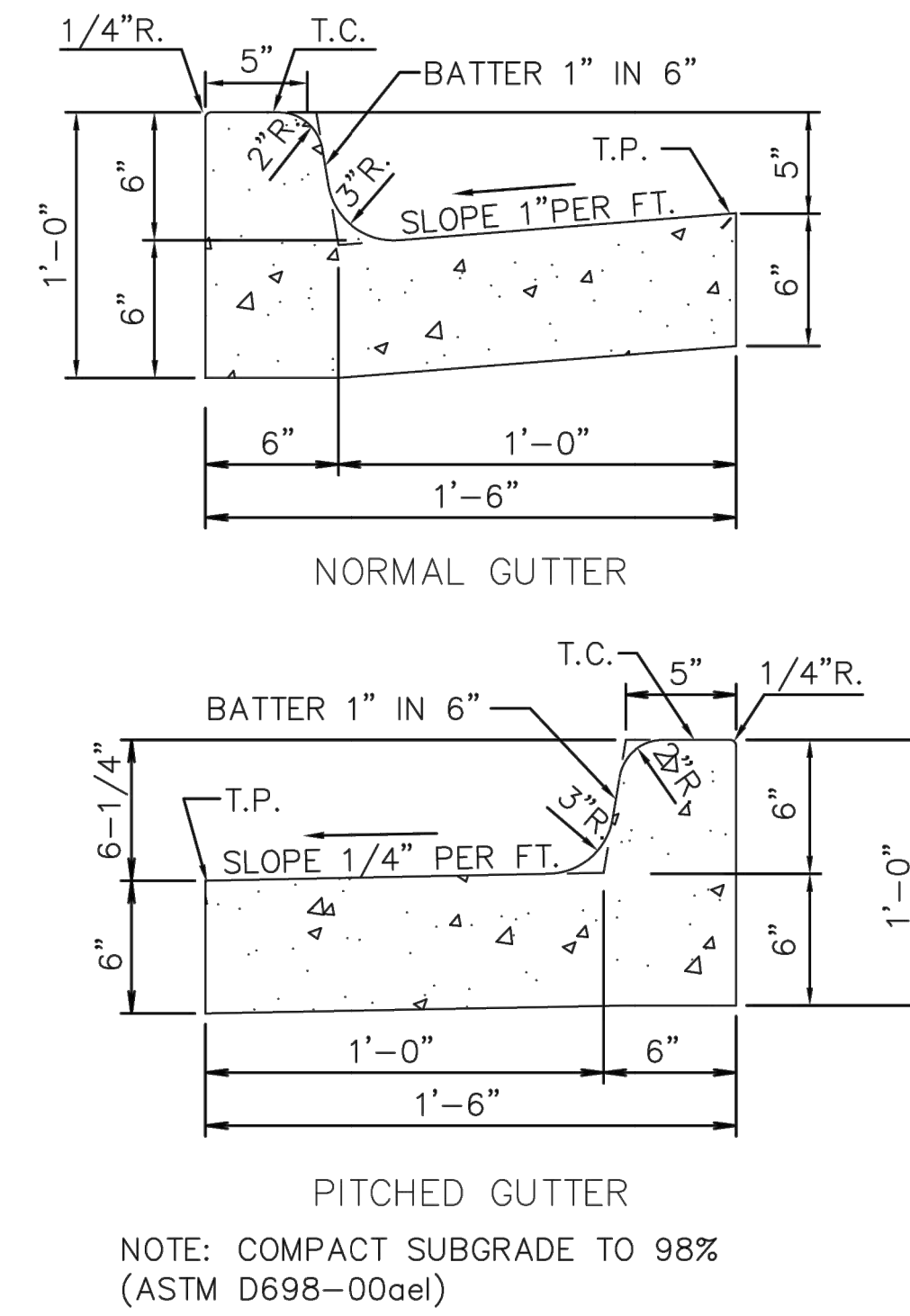


City of Port Wentworth  
TECHNICAL DETAILS

P-1

PREPARED BY SAUSSY ENGINEERING, LLC.

SCALE: N.T.S.  
DATED: FEBRUARY 2007



18" CURB & GUTTER

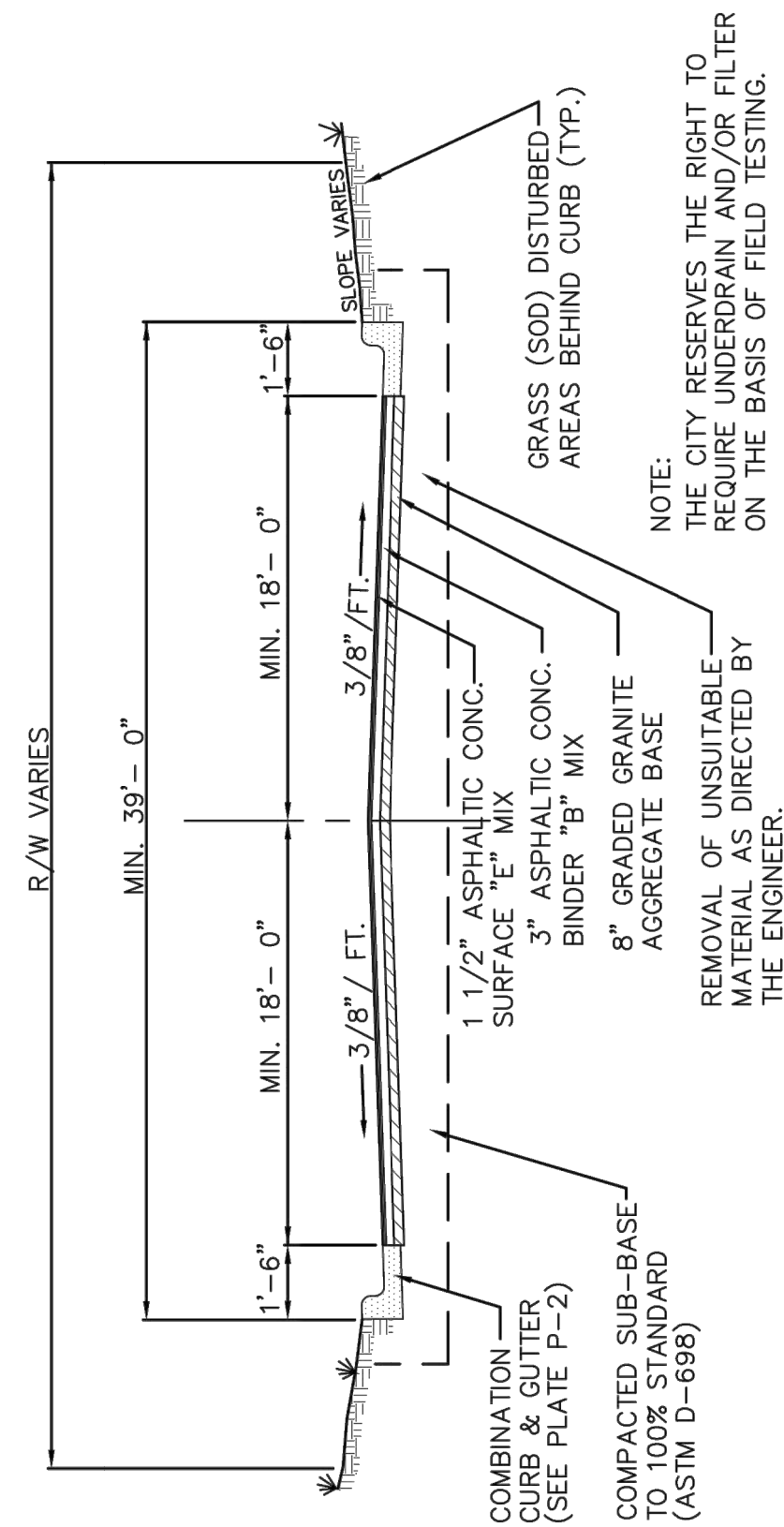


City of Port Wentworth  
TECHNICAL DETAILS

P-3

PREPARED BY SAUSSY ENGINEERING, LLC.

SCALE: N.T.S.  
DATED: FEBRUARY 2007



TYPICAL SECTION COLLECTOR/ARTERIAL STREET

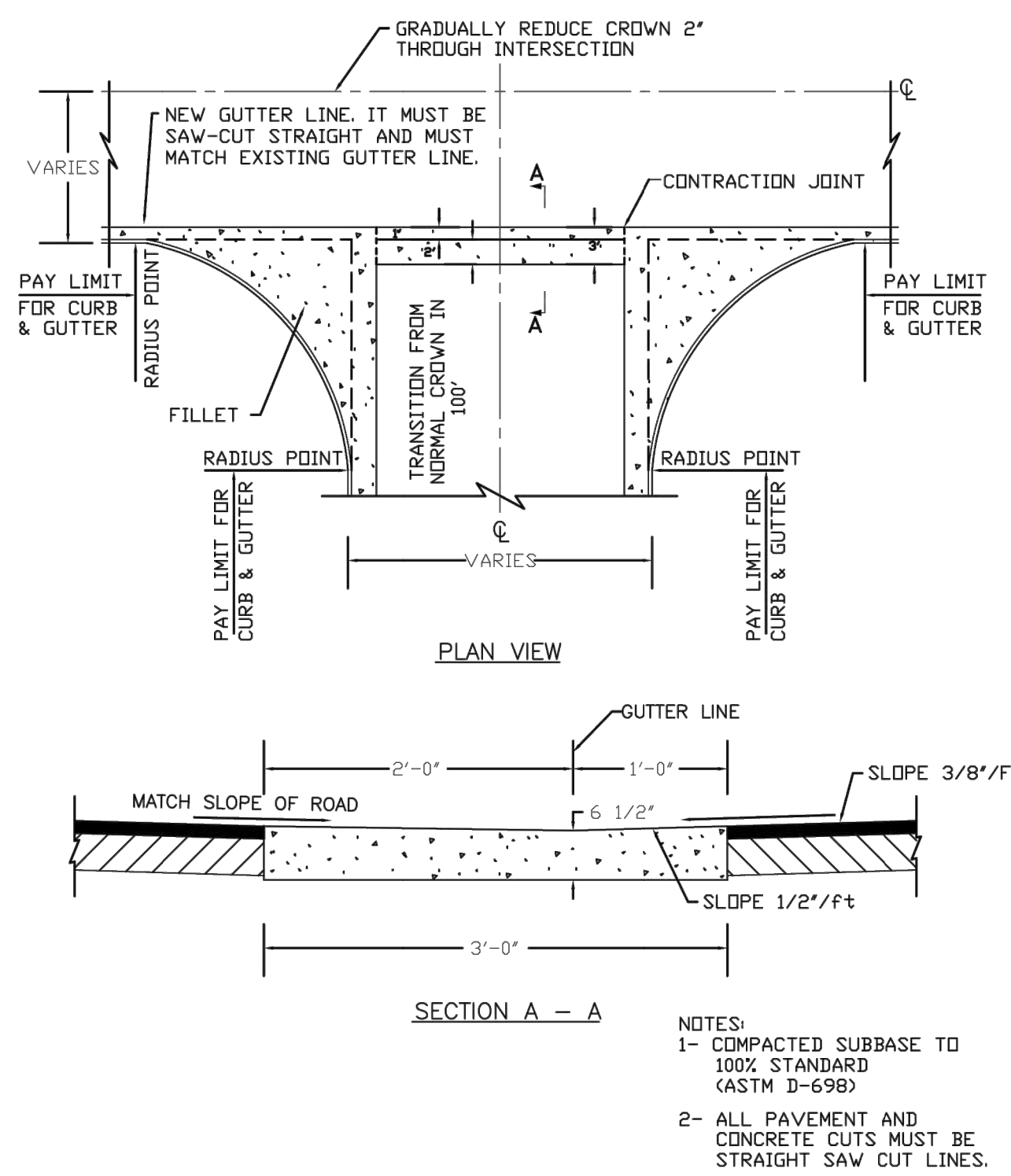


City of Port Wentworth  
TECHNICAL DETAILS

P-6

PREPARED BY SAUSSY ENGINEERING, LLC.

SCALE: N.T.S.  
DATED: FEBRUARY 2007



CONCRETE SWALE WITH FILLETS

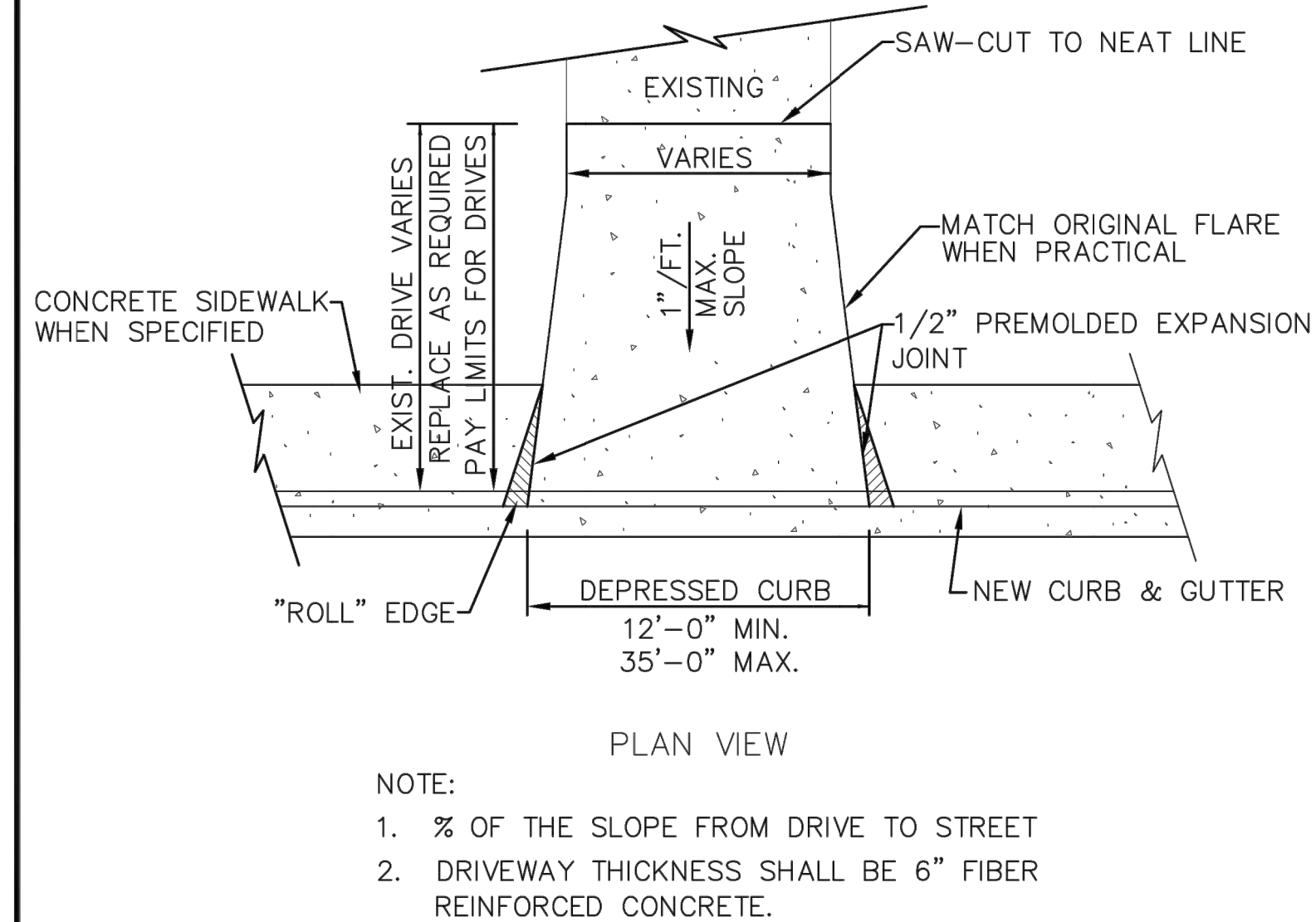


City of Port Wentworth  
TECHNICAL DETAILS

P-7

PREPARED BY SAUSSY ENGINEERING, LLC.

SCALE: N.T.S.  
DATED: FEBRUARY 2007



DRIVEWAY



City of Port Wentworth  
TECHNICAL DETAILS

P-8

PREPARED BY SAUSSY ENGINEERING, LLC.

SCALE: N.T.S.  
DATED: FEBRUARY 2007

NO.	REVISIONS	BY	DATE

RAY A. PITTMAN, P.E.  
G.S. CIVIL LEVEL II  
DESIGN PROFESSIONAL  
CERTIFICATION #12469

**Pittman Engineering Co., LLC**  
2591 Hwy 17S Suite 303  
Richmond Hill, GA 31324  
912-445-0578  
www.PittmanEngineeringCo.com

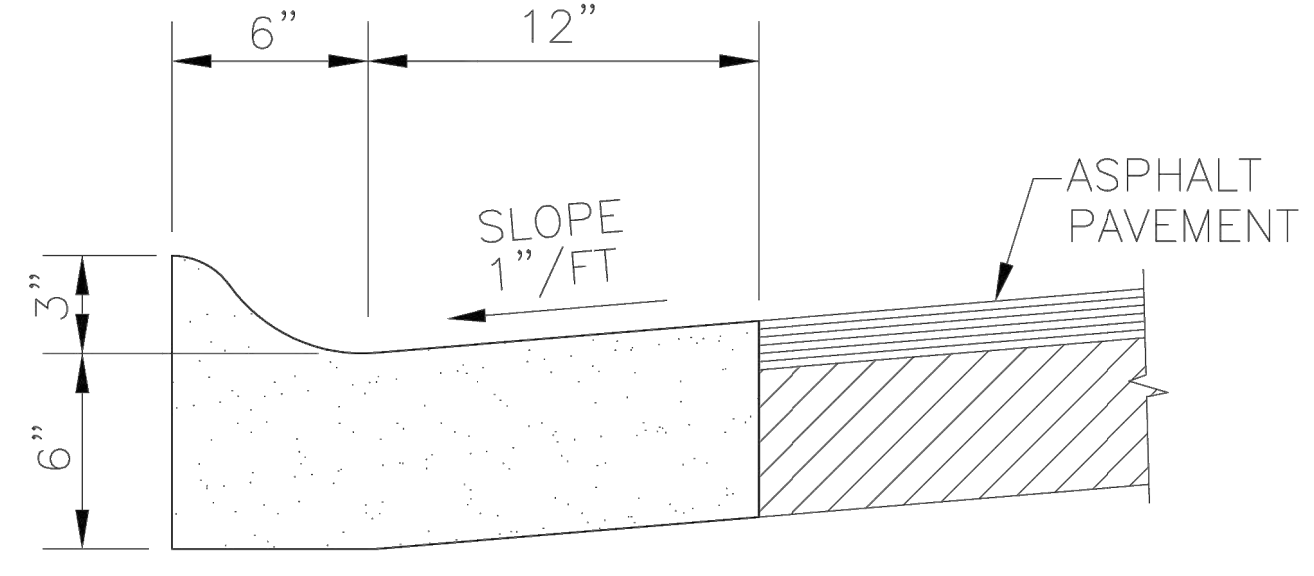
PAVING, GRADING & DRAINAGE DETAILS  
**NEWPORT SQUARE TOWNHOMES**  
PORT WENTWORTH, GEORGIA 31407???

Prepared For  
**COOPERS HILLS, LLC**

Project No. 17-117  
Drawn By: MJS  
Designed By: RAP  
Checked By: RAP  
Scale: N.T.S.  
Date: 4/9/18

SHEET  
**C2.4**

Tuesday, February 12, 2019 2:03:52 PM



NOTE: FOR RESIDENTIAL USE ONLY

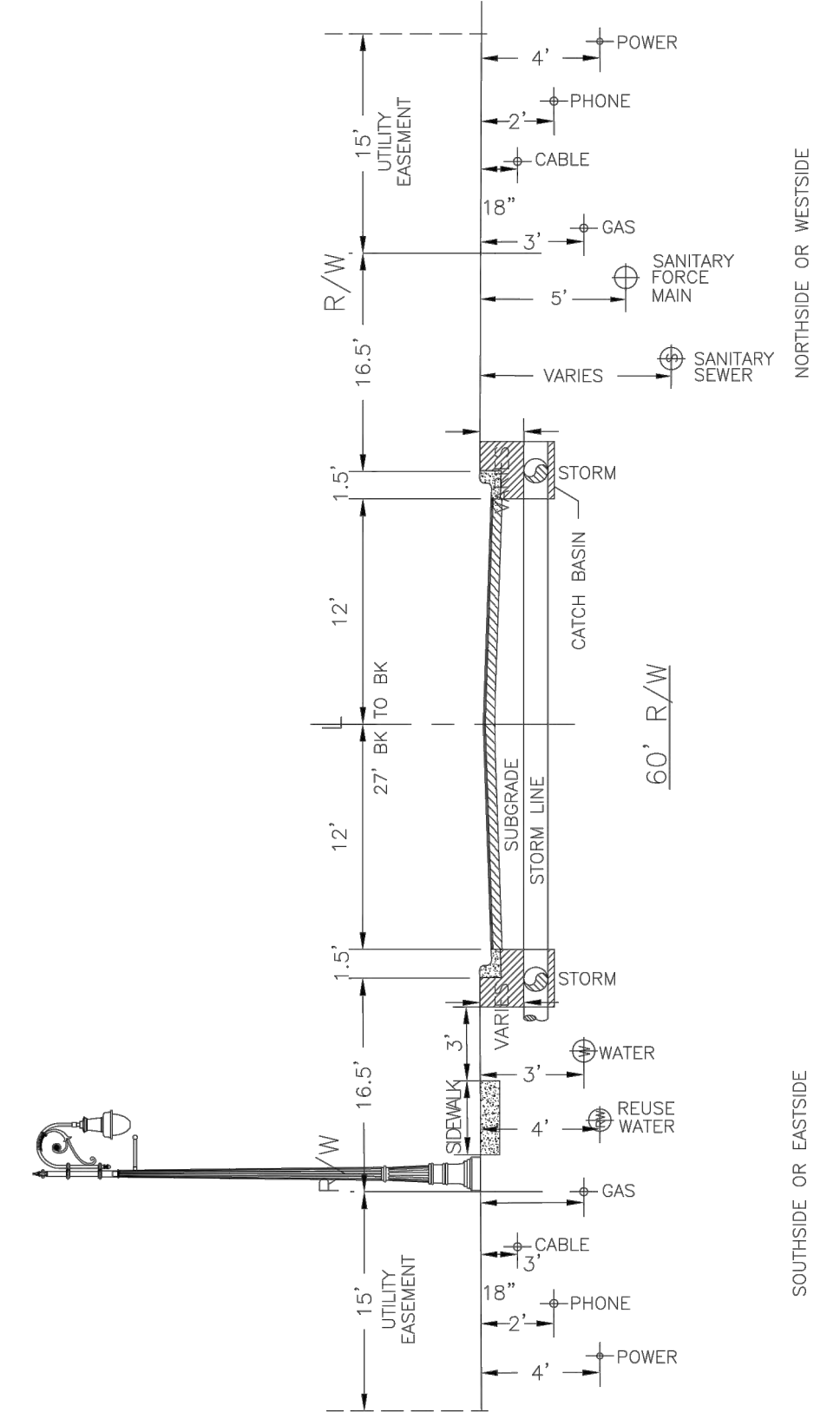


**ROLL-OVER CURB**  
*City of Port Wentworth*  
**TECHNICAL DETAILS**

P-11

PREPARED BY SAUSSY ENGINEERING, LLC.

SCALE: N.T.S.  
DATED: FEBRUARY 2007



NOTE: BESIDES WATER AND SEWER FOR THE HORIZONTAL AND VERTICAL SEPARATION, VERIFY WITH SEPARATE UTILITIES.  
 NORTH/SIDE OR WEST/SIDE  
 SOUTH/SIDE OR EAST/SIDE

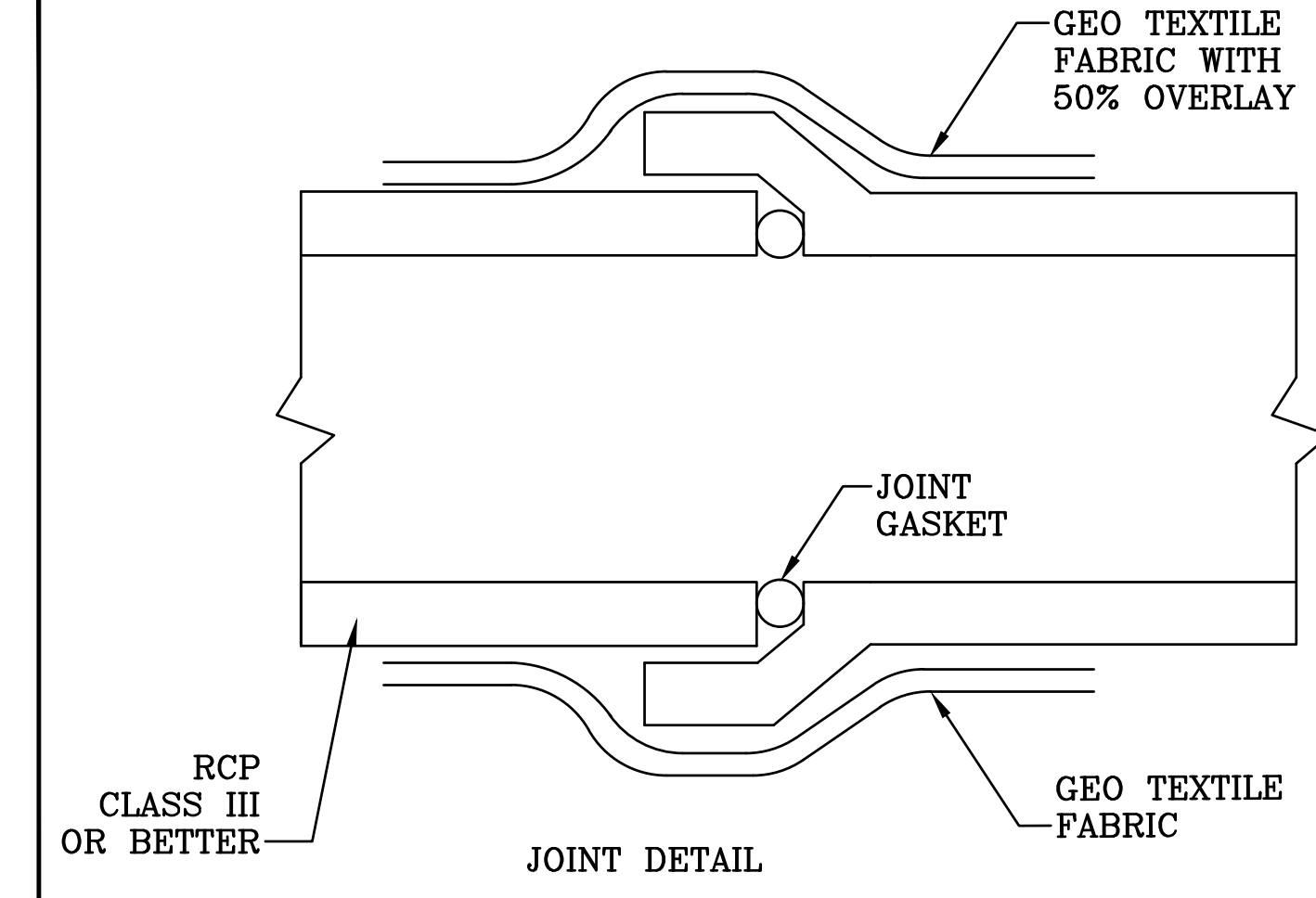


**TYP. SECTION UNDERGROUND UTILITY INSTALLATION**  
*City of Port Wentworth*  
**TECHNICAL DETAILS**

U-1

PREPARED BY SAUSSY ENGINEERING, LLC.

SCALE: N.T.S.  
DATED: FEBRUARY 2007



**CITY OF RICHMOND HILL**  
**DRAINAGE PIPE DETAIL**  
 APPROVED BY: RD DATE: 4/21/06 DRAWING NO.: D-7  
 SCALE: NTS REVISED:

**RIPRAP OUTLET PROTECTION**

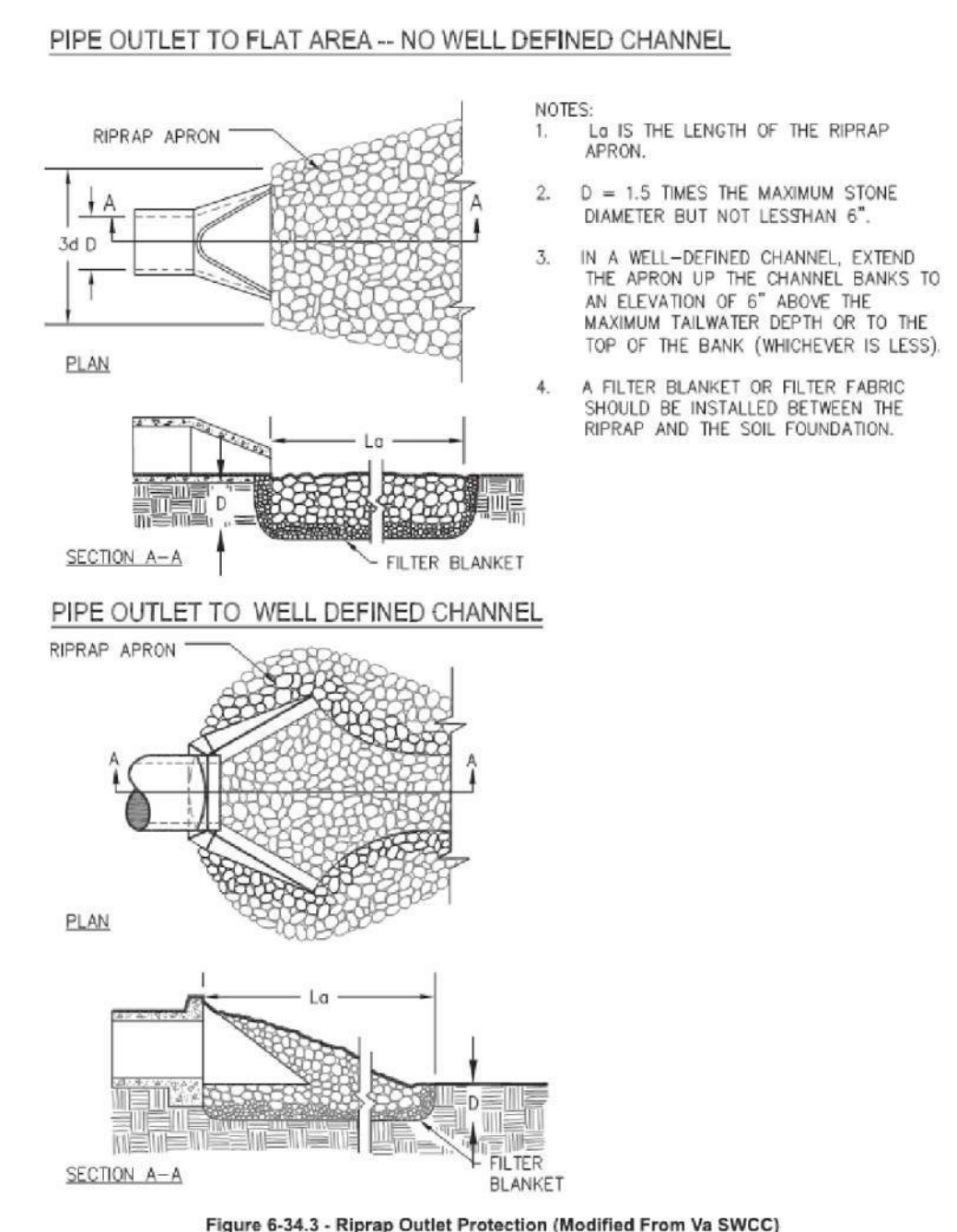
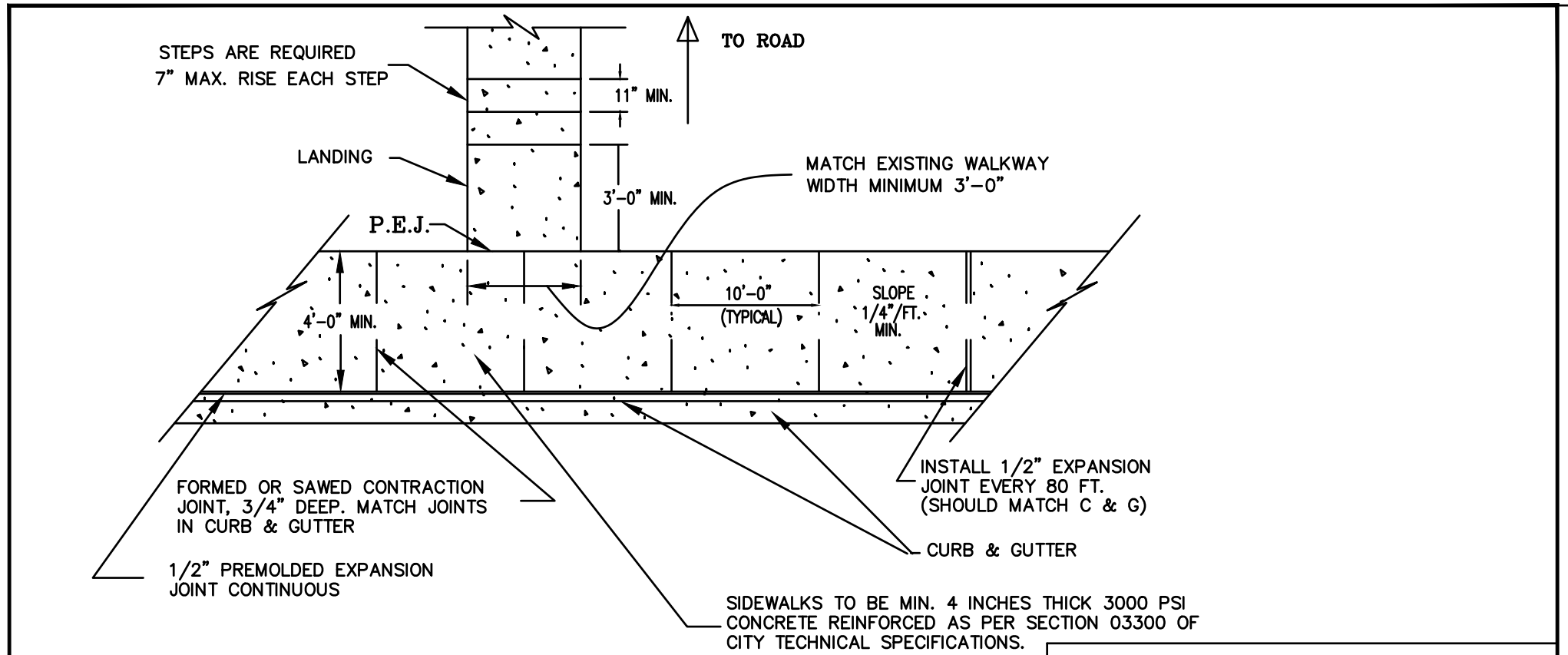
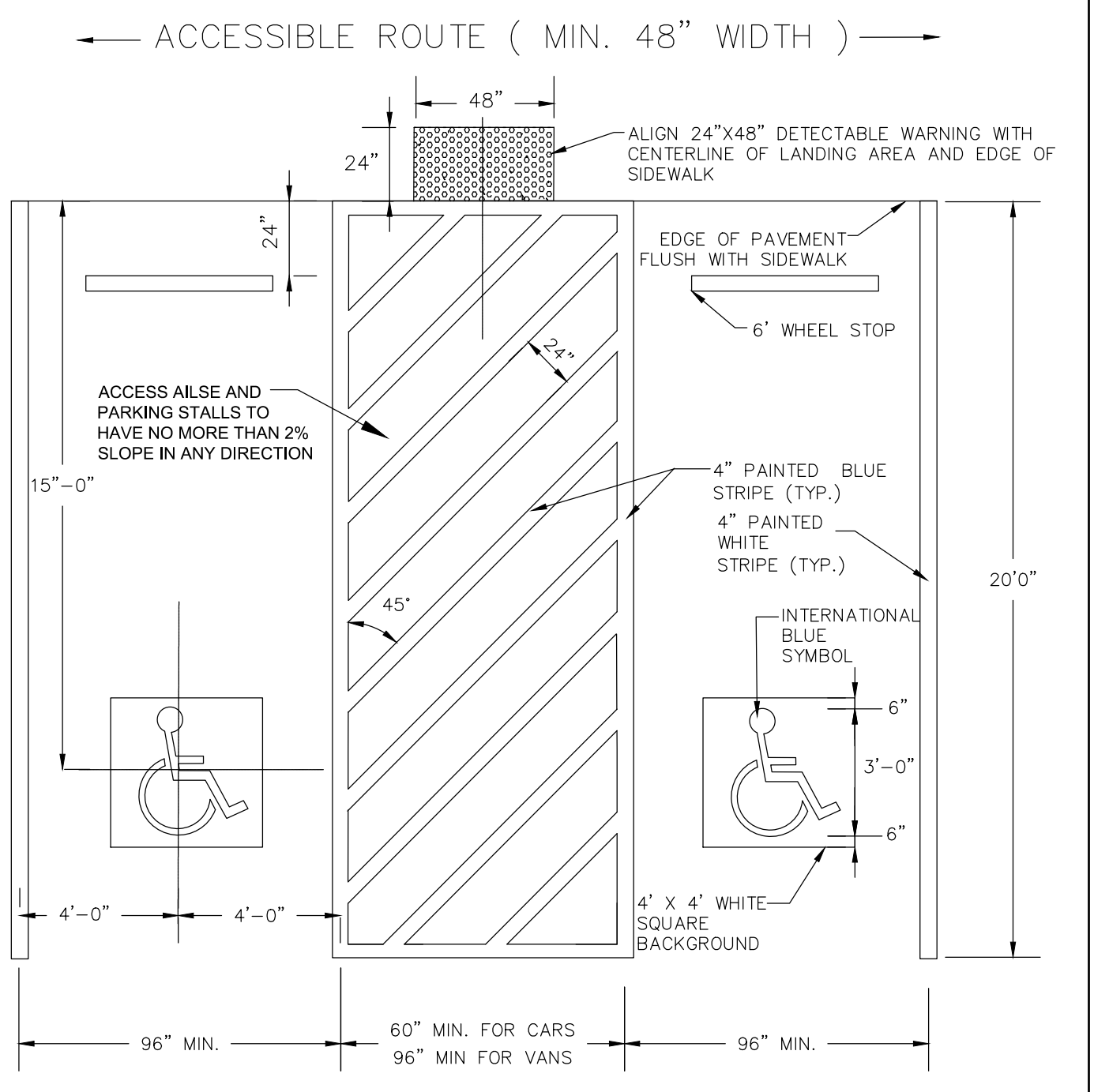


Figure 6-34.3 - Riprap Outlet Protection (Modified From Va SWCC)



**CITY OF RICHMOND HILL**  
**PEDESTRIANWAY DETAILS**  
 APPROVED BY: RD DATE: 4/21/06 DRAWING NO.: PW-1  
 SCALE: NTS REVISED:



NOTE:  
 1. STRIPING AND CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE AND CITY OF RICHMOND HILL CODES AND SPECIFICATIONS.

**ADA HANDICAP PARKING SPACE DETAIL**  
 SCALE: N.T.S.

REV.	BY	DATE

RAY A. PITTMAN, P.E.  
 G.S.W.C.C. LEVEL II  
 DESIGN PROFESSIONAL  
 CERTIFICATION #12469

**Pittman Engineering Co., LLC**  
 2591 Hwy 17S Suite 303  
 Richmond Hill, GA 31324  
 912-445-0578  
 www.PittmanEngineeringCo.com

**PAVING, GRADING & DRAINAGE DETAILS**  
**NEWPORT SQUARE TOWNHOMES**  
 PORT WENTWORTH, GEORGIA 31407???

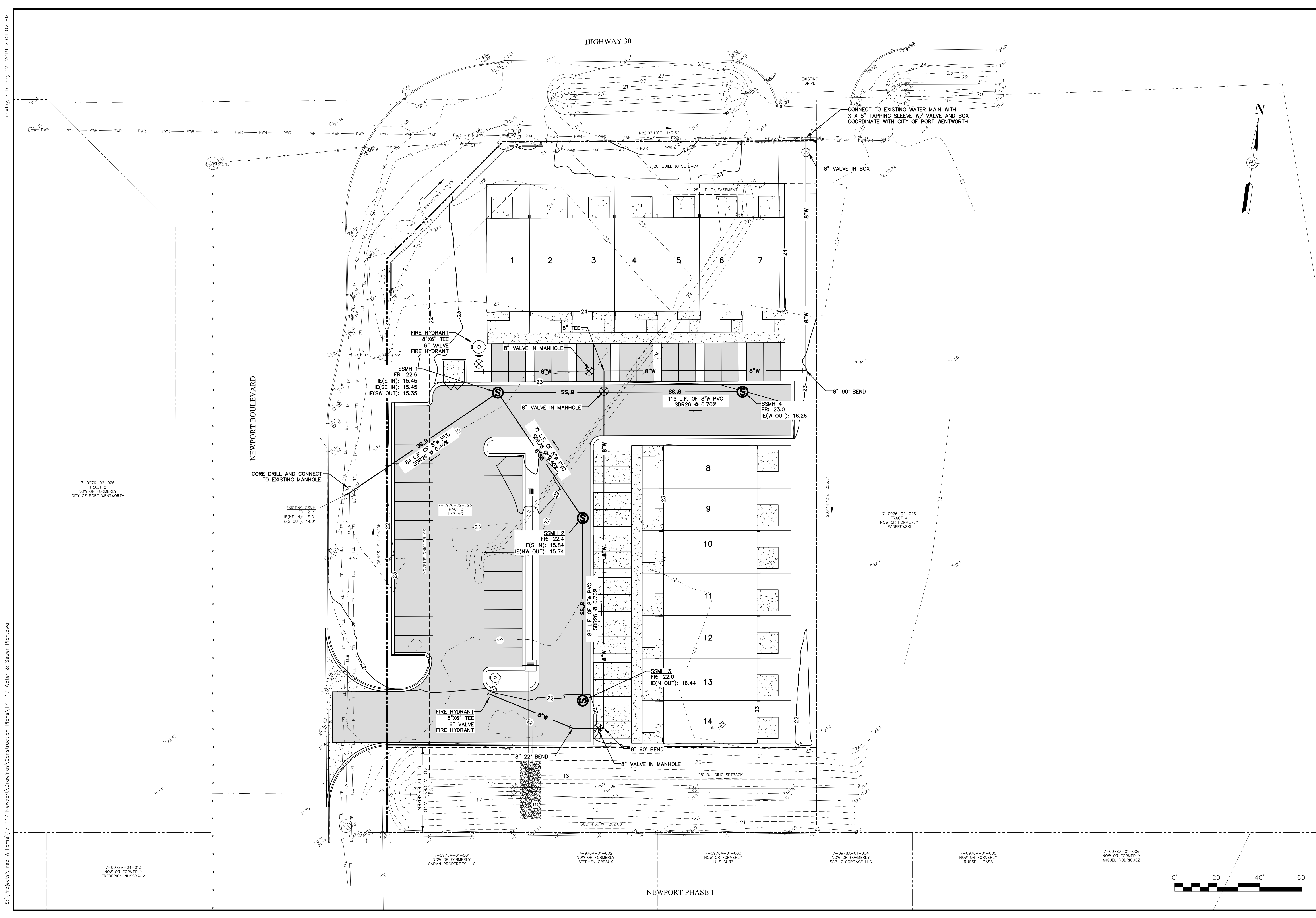
Prepared For  
**COOPERS HILLS, LLC**

Project No. 17-117  
 Drawn By: MJS  
 Designed By: RAP  
 Checked By: RAP  
 Scale: N.T.S.  
 Date: 4/9/18

SHEET  
**C2.5**

Tuesday, February 12, 2019 2:04:02 PM

S:\Projects\Fred Williams\17-117 Newport\Drawings\Construction Plans\17-117 Water & Sewer Plan.dwg



REV	REVISIONS	BY	DATE

RAY A. PITTMAN, P.E.  
 CSWCC LEVEL II  
 DESIGN PROFESSIONAL  
 CERTIFICATION #12469

**Pittman Engineering Co., LLC**  
 2591 Hwy. 17S Suite 303  
 Richmond Hill, GA 31324  
 912-445-0578  
 www.PittmanEngineeringCo.com

**WATER & SEWER PLAN**  
**NEWPORT SQUARE TOWNHOMES**  
 PORT WENTWORTH, GEORGIA 31407???

Prepared For  
**COOPERS HILLS, LLC**

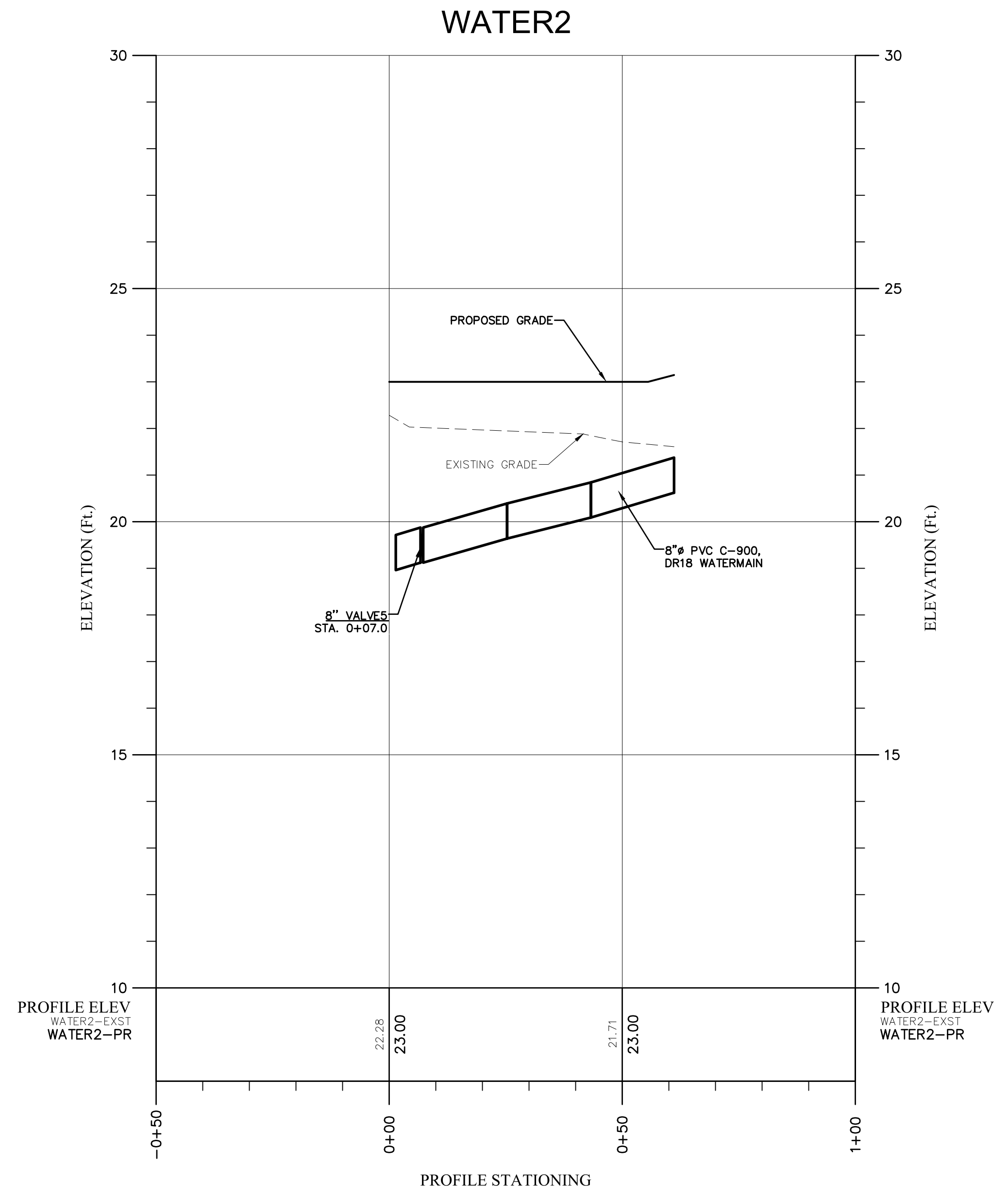
Project No. 17-117  
 Drawn By: **MJS**  
 Designed By: **RAP**  
 Checked By: **RAP**  
 Scale: 1"=20'  
 Date: 4/9/18

SHEET  
**C3.1**





S:\Projects\Fred Williams\17-117 Newport\Drawings\Xrefed Drawings\17-117 Water, Sewer & Drainage Design.dwg Tuesday, February 12, 2019 3:34:36 PM



Project No. 17-117  
 Drawn By: MJS  
 Designed By: RAP  
 Checked By: RAP  
 Scale: 20H 2V  
 Date: 4/9/18

WATER PROFILES  
 NEWPORT SQUARE TOWNHOMES  
 Prepared For  
 COOPERS HILLS, LLC

**Pittman Engineering Co., LLC**  
 2591 Hwy. 17S Suite 303  
 Richmond Hill, GA 31324  
 912-445-0578  
 www.PittmanEngineeringCo.com



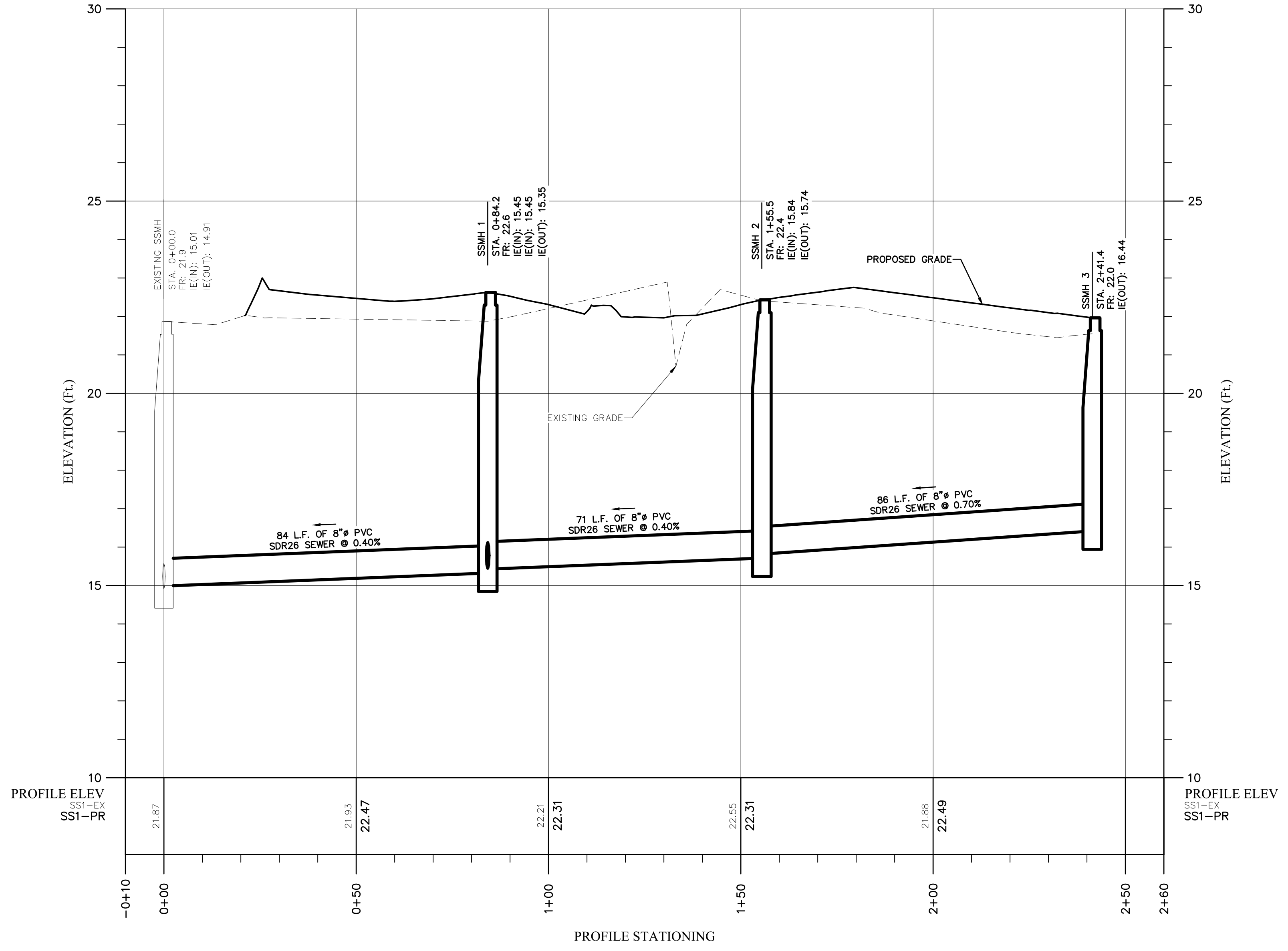
RAY A. PITTMAN, P.E.  
 GSWCC LEVEL II  
 DESIGN PROFESSIONAL  
 CERTIFICATION #12469

REV.	REVISIONS	BY	DATE

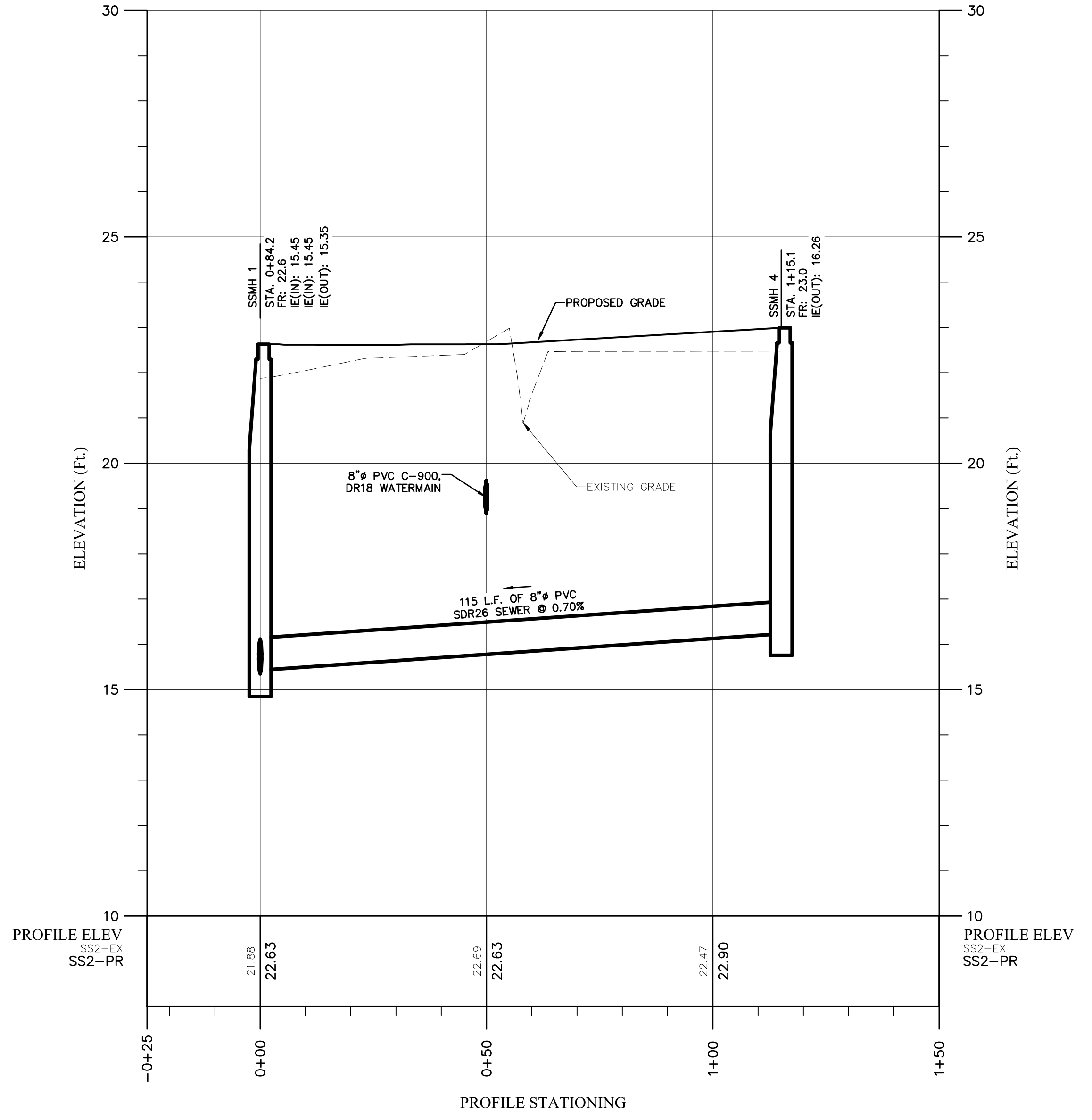
S:\Projects\Fred Williams\17-117 Newport\Drawings\Xref'd Drawings\17-117 Water, Sewer & Drainage Design.dwg  
Tuesday, February 12, 2019 3:34:49 PM

Attachment: Newport Square Townhomes-PIN 7-0976-02-025 preliminary plat Site Plans 1 of 2 (055) : Subdivision Application PRELIMINARY PLAT NEWPORT SQUARE TOWNHOMES March 2019)

### SANITARY SEWER #1



### SANITARY SEWER #2



REV.	REVISIONS	BY	DATE

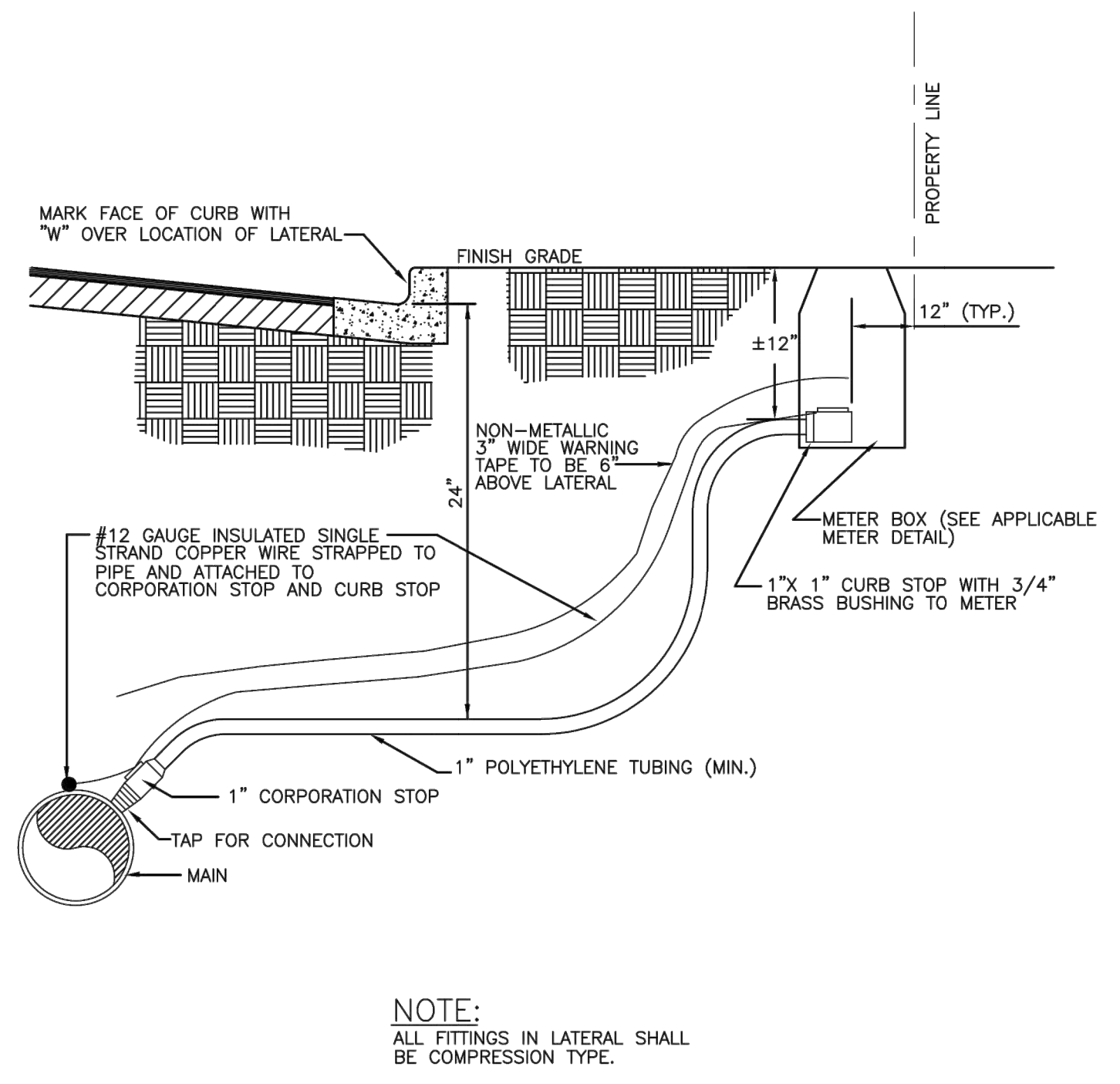
RAY A. PITTMAN, P.E.  
GSWCC LEVEL II  
DESIGN PROFESSIONAL  
CERTIFICATION #12469

**Pittman Engineering Co., LLC**  
2591 Hwy. 17S Suite 303  
Richmond Hill, GA 31324  
912-445-0578  
www.PittmanEngineeringCo.com

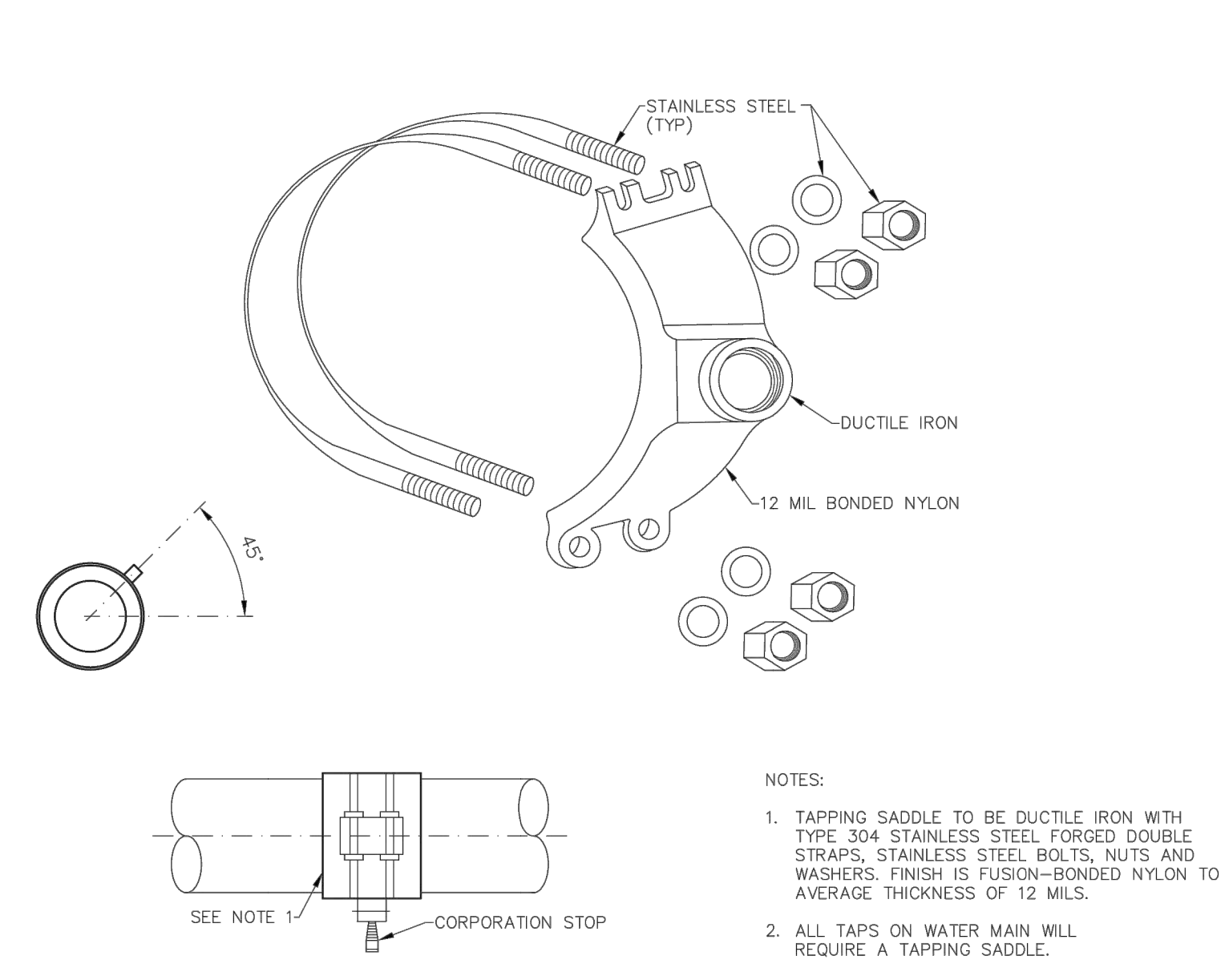
**SEWER PROFILES**  
**NEWPORT SQUARE TOWNHOMES**  
.....  
Prepared For  
**COOPERS HILLS, LLC**

Project No. 17-117  
 Drawn By: MJS  
 Designed By: RAP  
 Checked By: RAP  
 Scale: 20H 2V  
 Date: 4/9/18

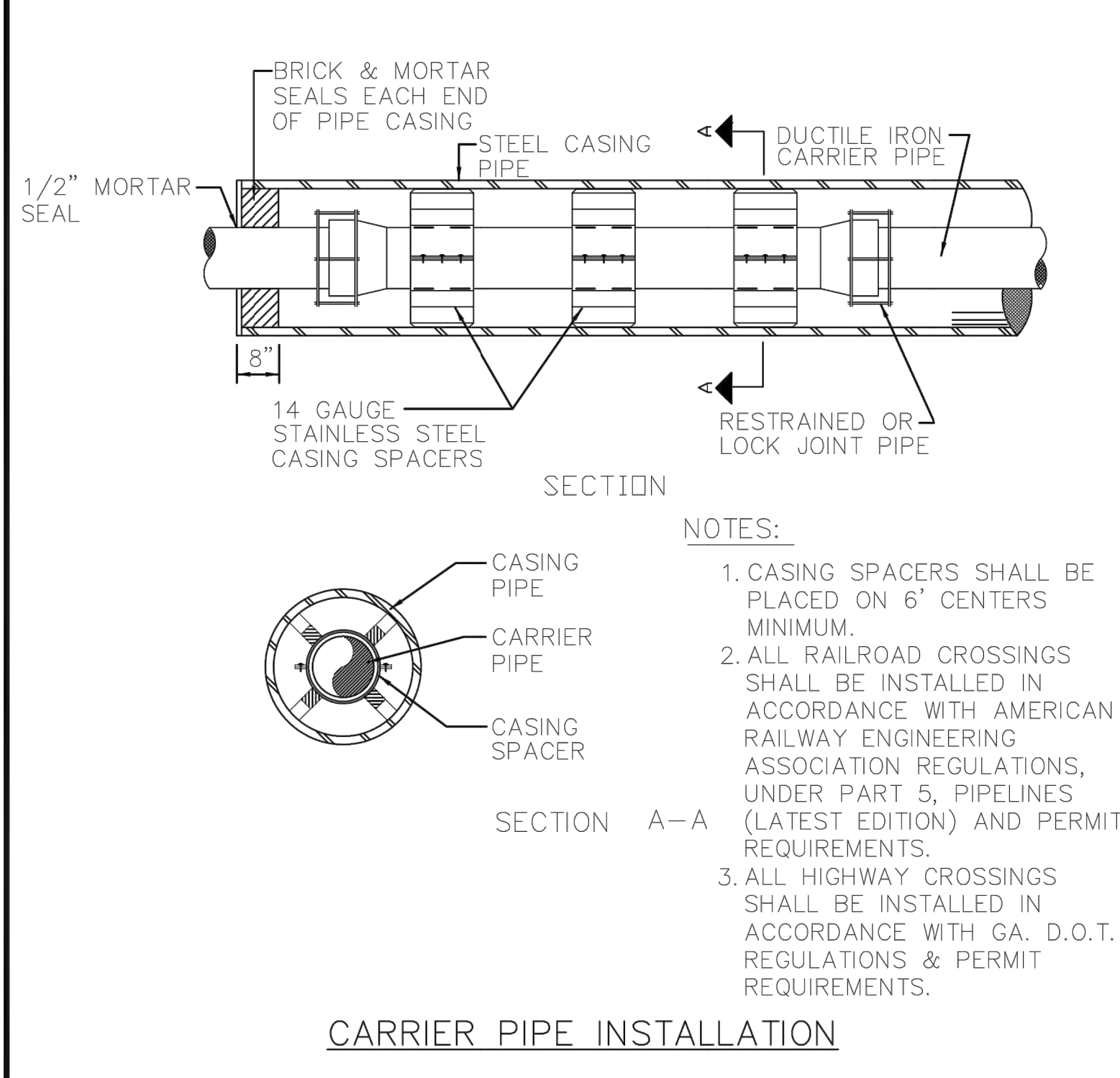
SHEET  
**C3.4**



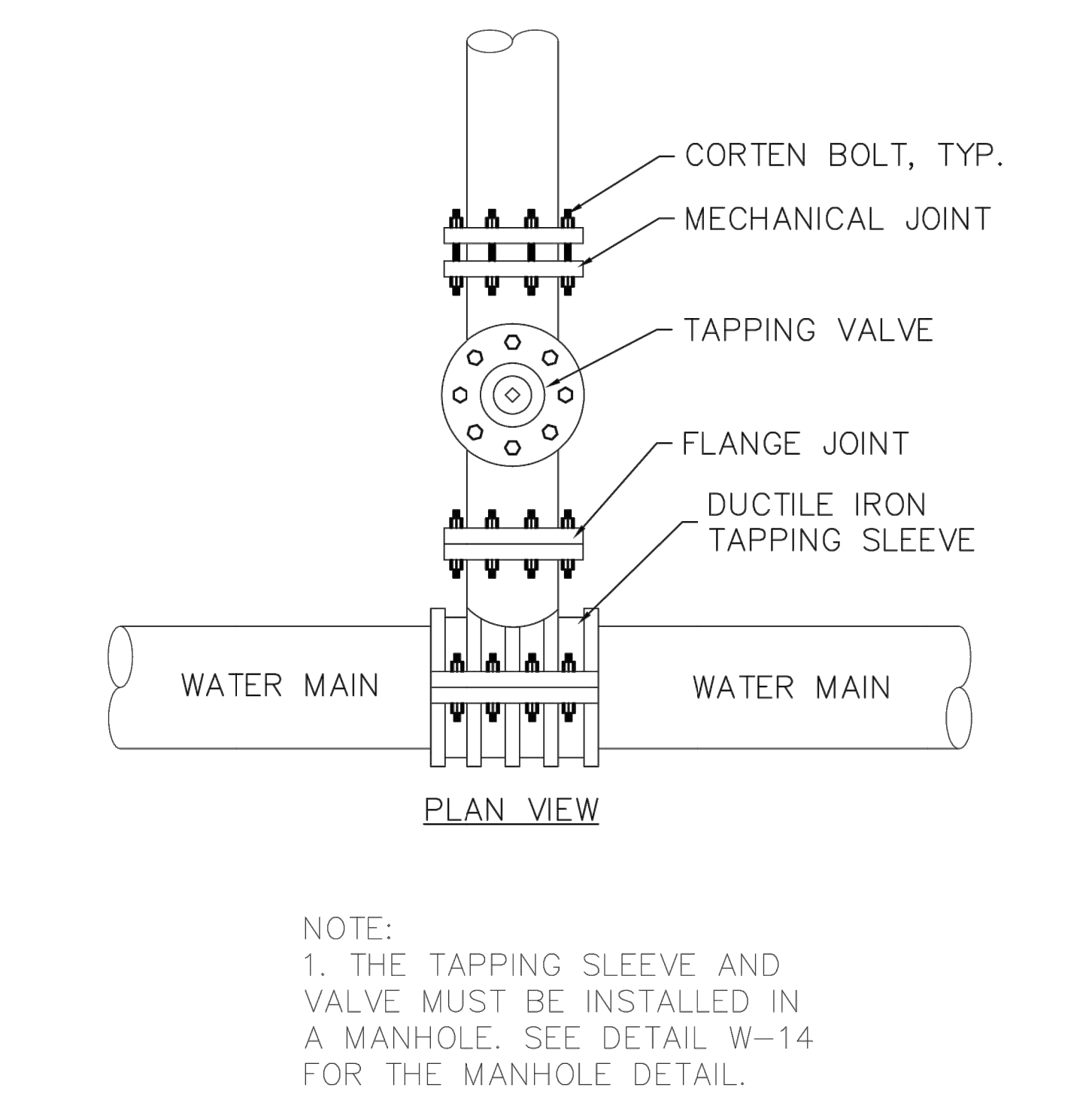
**WATER SERVICE LATERAL**  
*City of Port Wentworth*  
**TECHNICAL DETAILS** W-1  
 PREPARED BY SAUSSY ENGINEERING, LLC. SCALE: N.T.S. DATED: FEBRUARY 2007



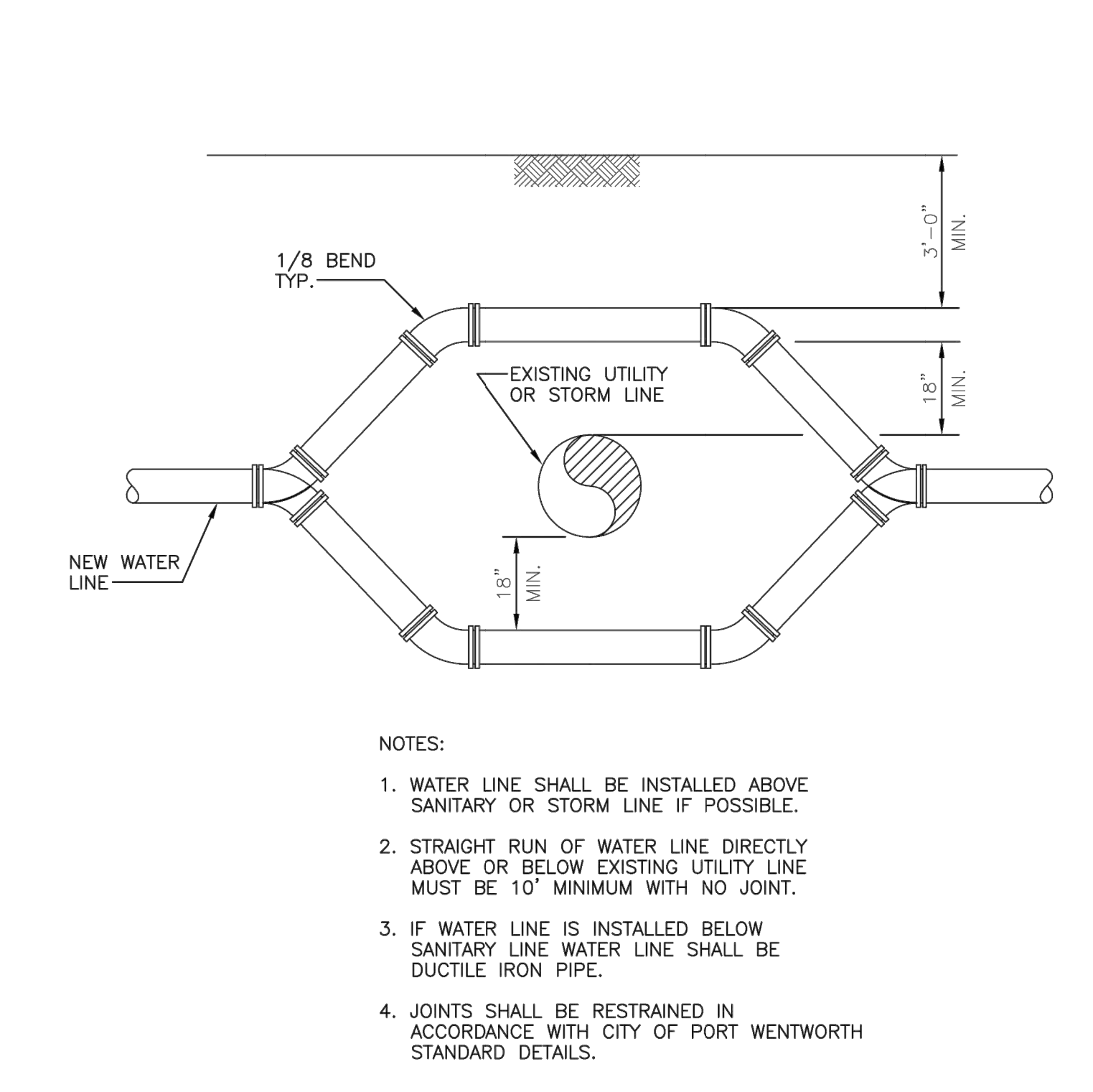
**1" AND 2" TAPPING SADDLE**  
*City of Port Wentworth*  
**TECHNICAL DETAILS** W-2  
 PREPARED BY SAUSSY ENGINEERING, LLC. SCALE: N.T.S. DATED: FEBRUARY 2007



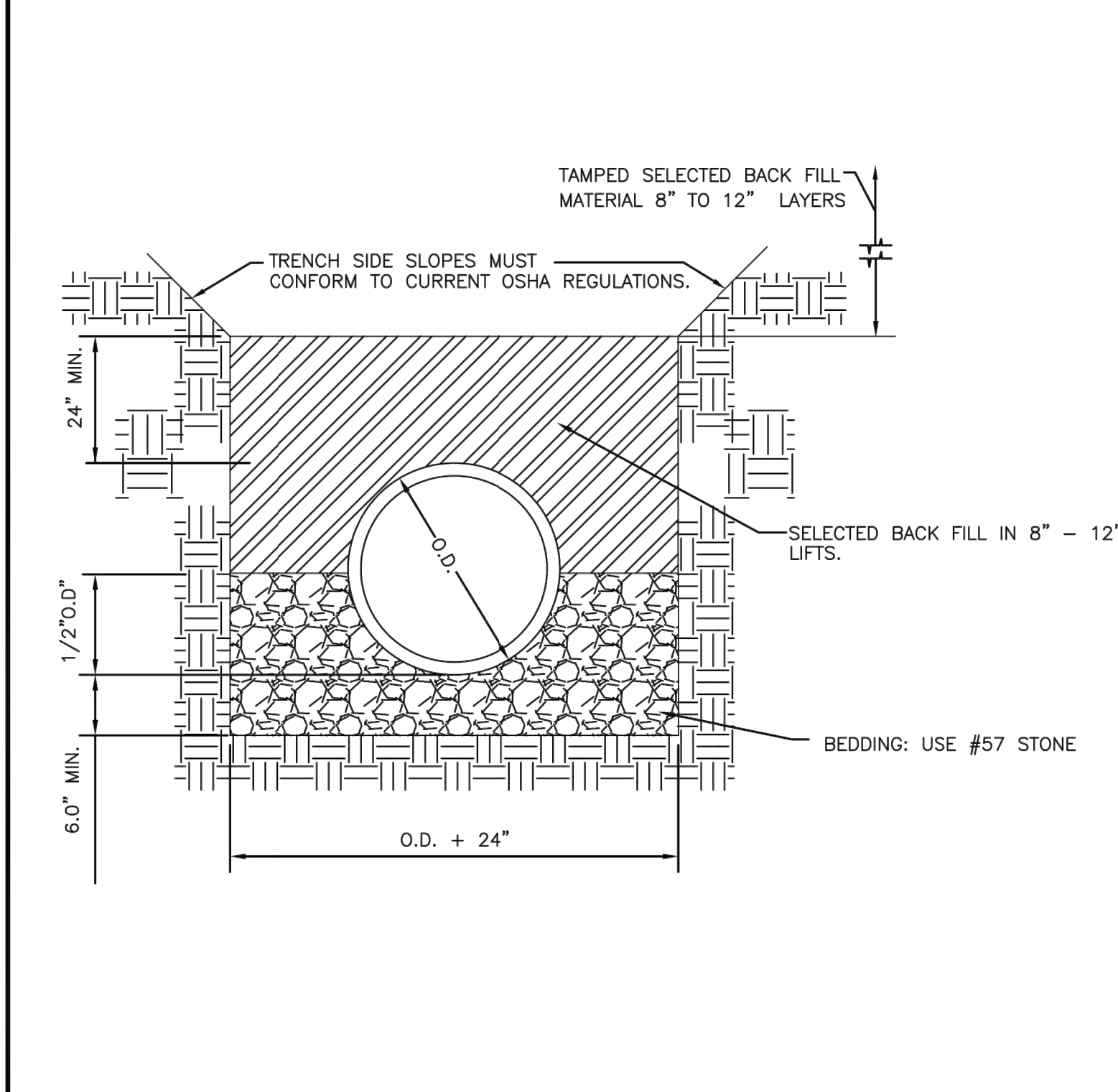
**CARRIER PIPE INSTALLATION**  
*City of Port Wentworth*  
**TECHNICAL DETAILS** W-3  
 PREPARED BY SAUSSY ENGINEERING, LLC. SCALE: N.T.S. DATED: FEBRUARY 2007



**STANDARD TAPPING SLEEVE**  
*City of Port Wentworth*  
**TECHNICAL DETAILS** W-5  
 PREPARED BY SAUSSY ENGINEERING, LLC. SCALE: N.T.S. DATED: FEBRUARY 2007



**STANDARD UTILITY CROSSING**  
*City of Port Wentworth*  
**TECHNICAL DETAILS** W-6  
 PREPARED BY SAUSSY ENGINEERING, LLC. SCALE: N.T.S. DATED: FEBRUARY 2007



**PIPE BEDDING**  
*City of Port Wentworth*  
**TECHNICAL DETAILS** W-8  
 PREPARED BY SAUSSY ENGINEERING, LLC. SCALE: N.T.S. DATED: FEBRUARY 2007

REV.	BY	DATE

RAY A. PITTMAN, P.E.  
 DESIGN PROFESSIONAL  
 CERTIFICATION #12469

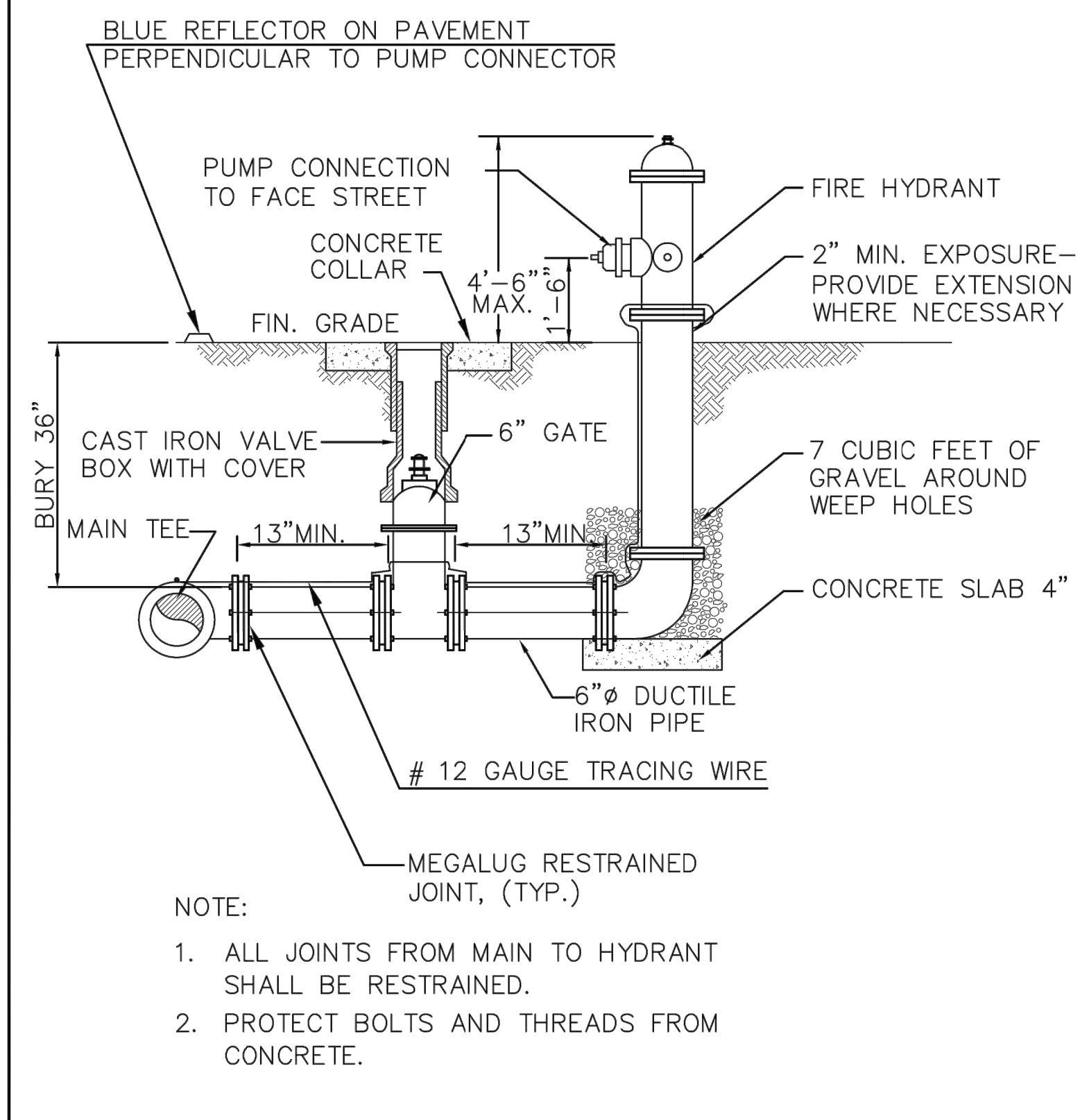
**Pittman Engineering Co., LLC**  
 2591 Hwy. 17S Suite 303  
 Richmond Hill, GA 31324  
 912-445-0578  
 www.PittmanEngineeringCo.com

**WATER & SEWER DETAILS**  
**NEWPORT SQUARE TOWNHOMES**  
 PORT WENTWORTH, GEORGIA 31407???

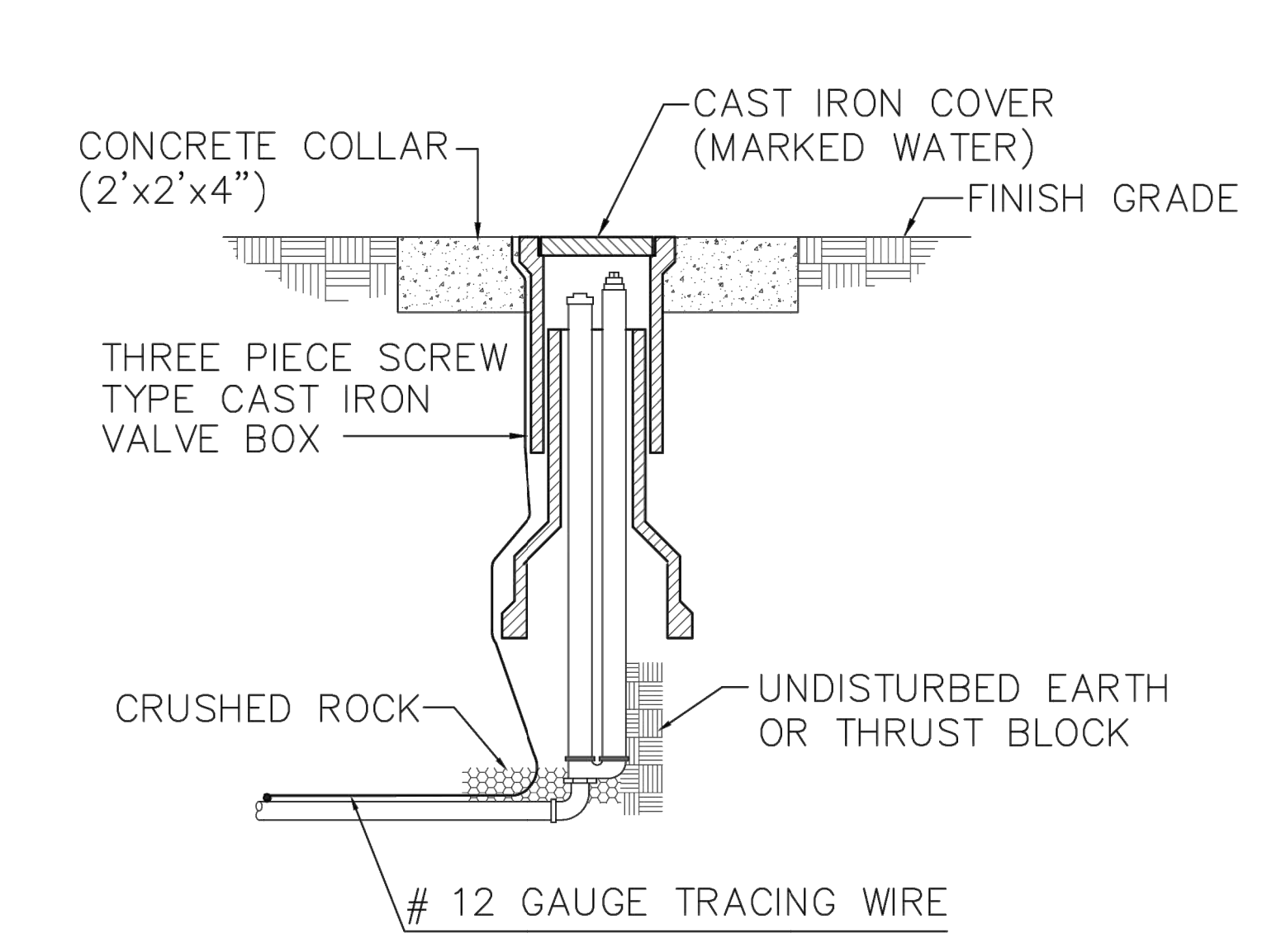
Prepared For  
**COOPERS HILLS, LLC**

Project No. 17-117  
 Drawn By: MJS  
 Designed By: RAP  
 Checked By: RAP  
 Scale: N.T.S.  
 Date: 4/9/18

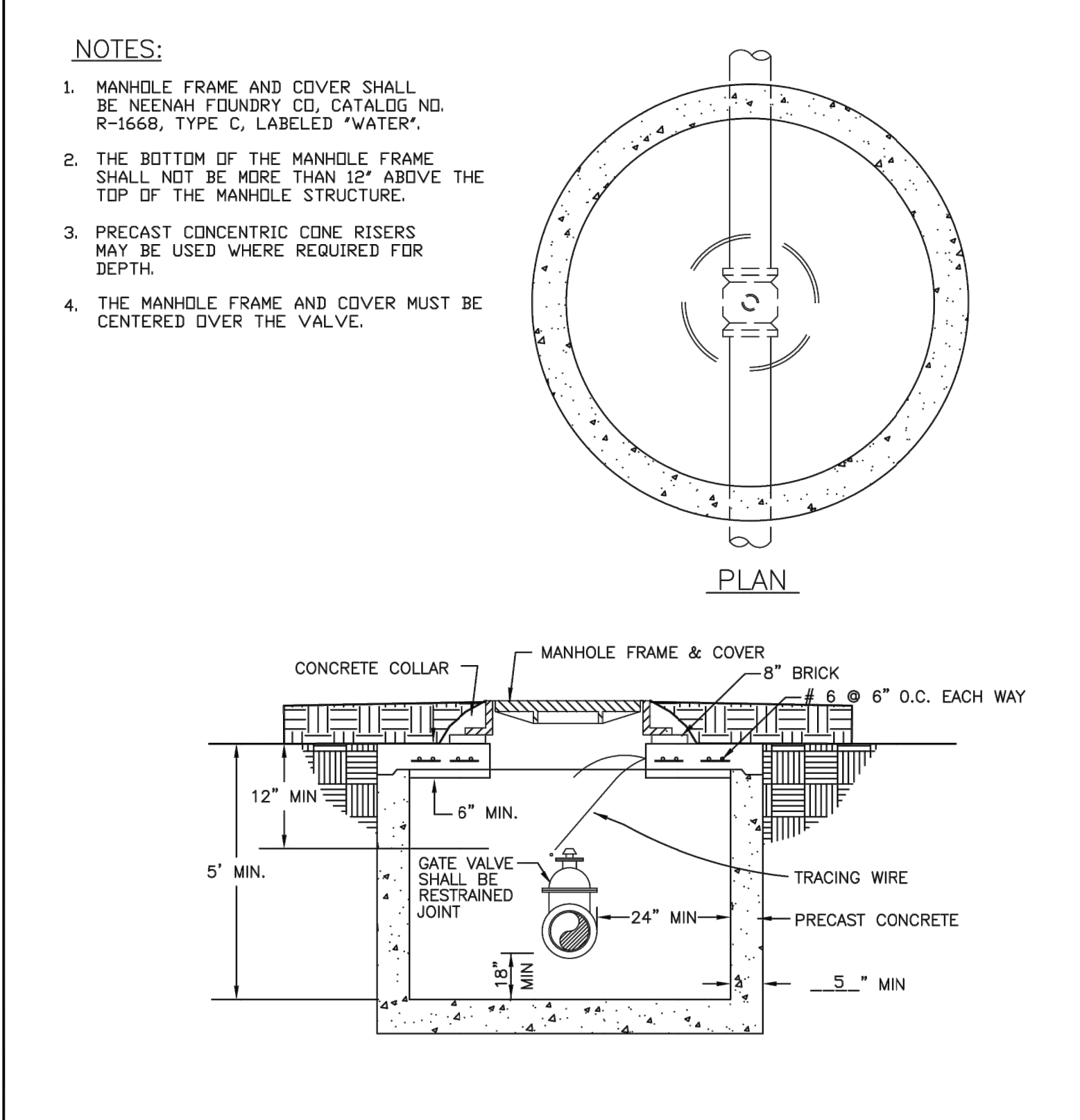
SHEET  
**C3.5**



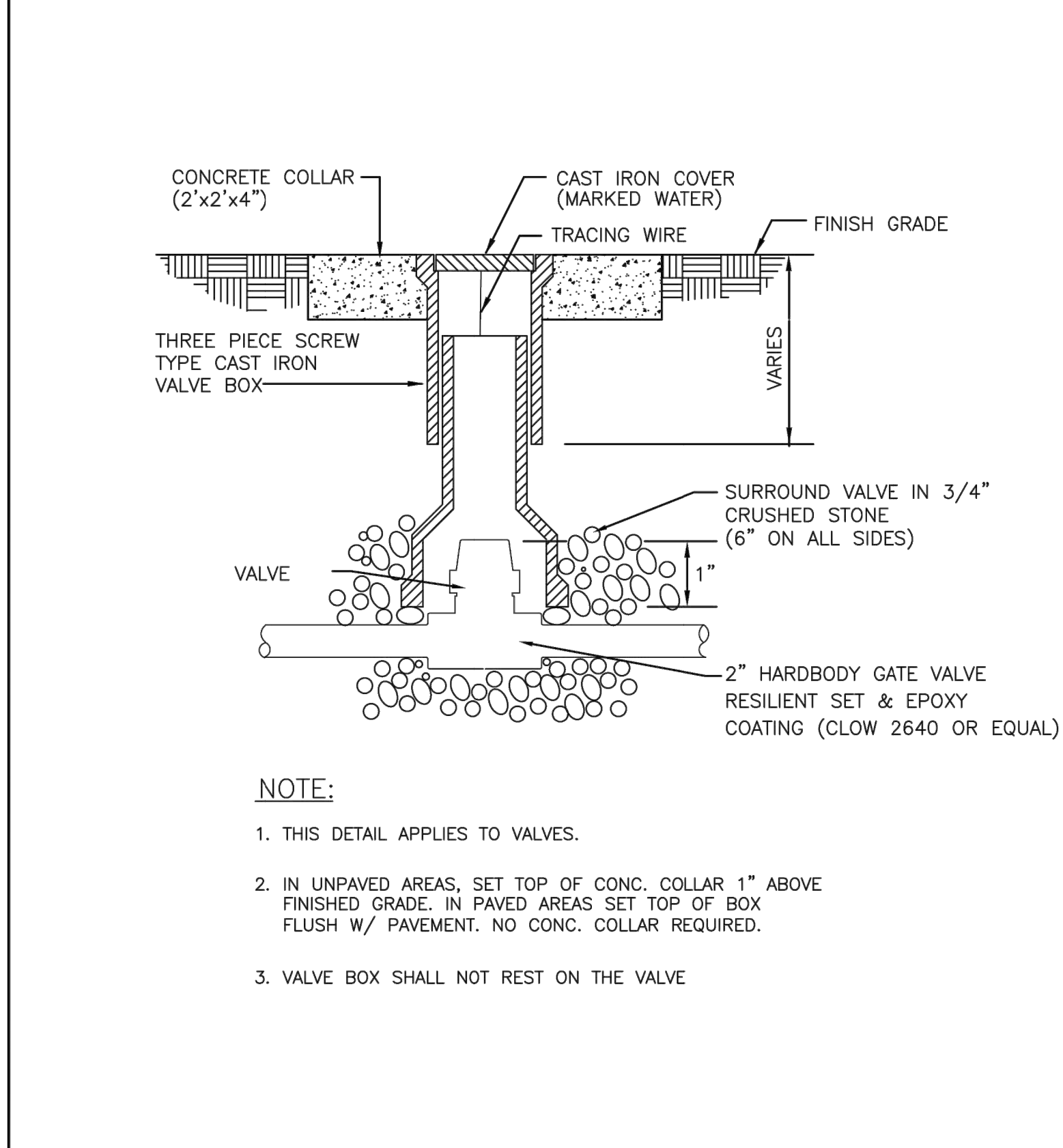
STANDARD FIRE HYDRANT  
*City of Port Wentworth*  
 TECHNICAL DETAILS  
 W-9  
 PREPARED BY SAUSSY ENGINEERING, LLC. SCALE: N.T.S. DATED: FEBRUARY 2007



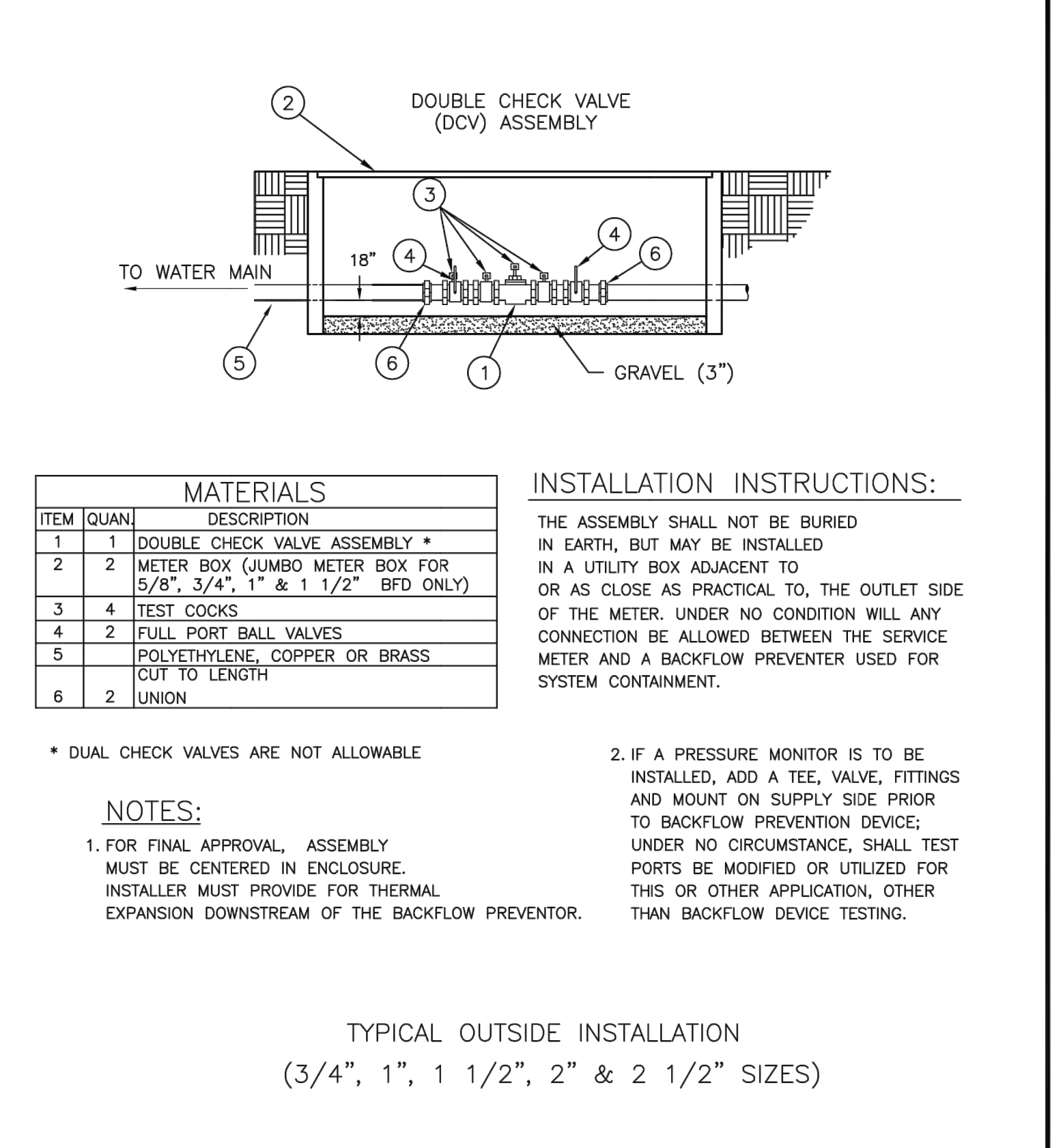
BLOW-OFF HYDRANT  
*City of Port Wentworth*  
 TECHNICAL DETAILS  
 W-10  
 PREPARED BY SAUSSY ENGINEERING, LLC. SCALE: N.T.S. DATED: FEBRUARY 2007



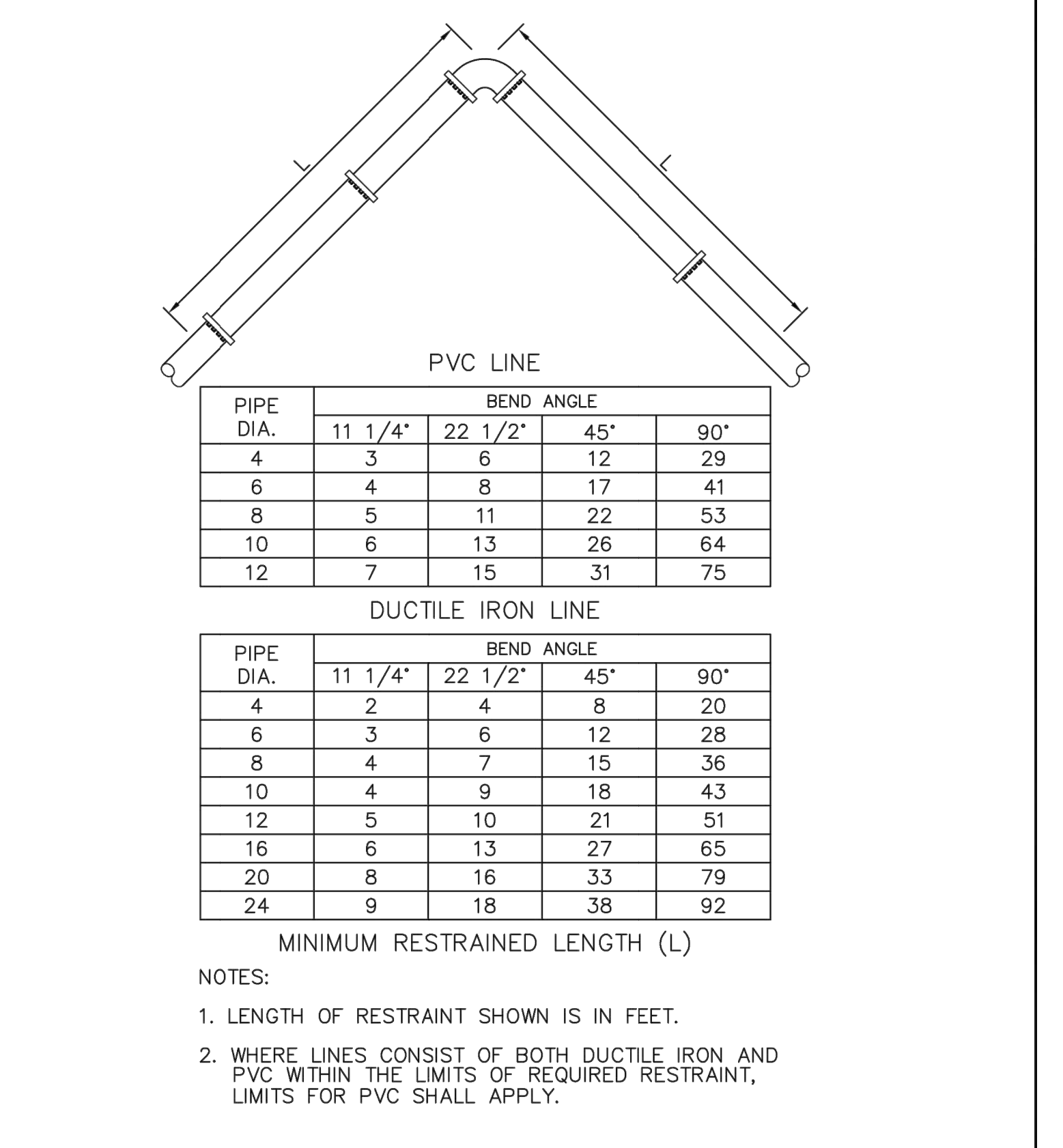
VALVE MANHOLE FOR 8" & GREATER GATE VALVE  
*City of Port Wentworth*  
 TECHNICAL DETAILS  
 W-14  
 PREPARED BY SAUSSY ENGINEERING, LLC. SCALE: N.T.S. DATED: FEBRUARY 2007



2" WATER VALVE  
*City of Port Wentworth*  
 TECHNICAL DETAILS  
 W-18  
 PREPARED BY SAUSSY ENGINEERING, LLC. SCALE: N.T.S. DATED: FEBRUARY 2007



DOMESTIC DOUBLE CHECK VALVE ASSEMBLY (A)  
*City of Port Wentworth*  
 TECHNICAL DETAILS  
 W-20  
 PREPARED BY SAUSSY ENGINEERING, LLC. SCALE: N.T.S. DATED: FEBRUARY 2007



STANDARD HORIZONTAL BEND RESTRAINT  
*City of Port Wentworth*  
 TECHNICAL DETAILS  
 W-27  
 PREPARED BY SAUSSY ENGINEERING, LLC. SCALE: N.T.S. DATED: FEBRUARY 2007

NO.	REVISIONS	BY	DATE

RAY A. PITTMAN, P.E.  
 GSNCC LEVEL II  
 DESIGN PROFESSIONAL  
 CERTIFICATION #12469

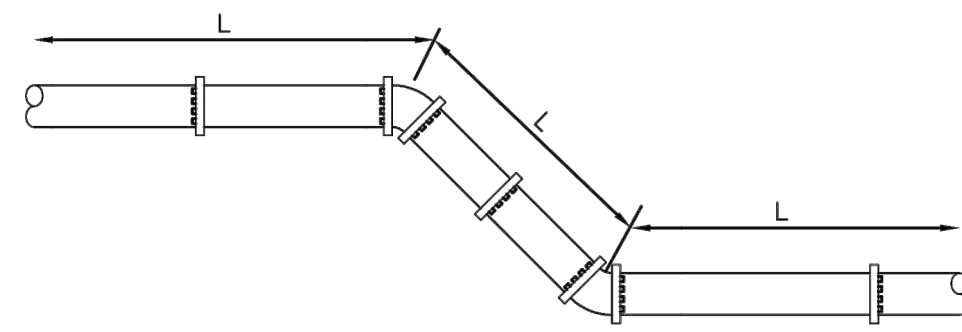
**Pittman Engineering Co., LLC**  
 2591 Hwy 17S Suite 303  
 Richmond Hill, GA 31324  
 912-445-0578  
 www.PittmanEngineeringCo.com

WATER & SEWER DETAILS  
 NEWPORT SQUARE TOWNHOMES  
 PORT WENTWORTH, GEORGIA 31407???

Prepared For  
**COOPERS HILLS, LLC**

Project No. 17-117  
 Drawn By: MJS  
 Designed By: RAP  
 Checked By: RAP  
 Scale: N.T.S.  
 Date: 4/9/18

SHEET  
**C3.6**



PVC LINE

PIPE DIA.	BEND ANGLE		
	11 1/4"	22 1/2"	90°
4	5	10	22
6	7	15	30
8	9	19	40
10	11	23	48
12	13	27	56

DUCTILE IRON LINE

PIPE DIA.	BEND ANGLE		
	11 1/4"	22 1/2"	90°
4	3	6	12
6	4	8	17
8	4	10	22
10	5	12	26
12	6	15	30
16	7	19	39
20	11	23	47
24	13	26	55

MINIMUM RESTRAINED LENGTH (L)

NOTES:

- LENGTH OF RESTRAINT SHOWN IS IN FEET.
- WHERE LINES CONSIST OF BOTH DUCTILE IRON AND PVC WITHIN THE LIMITS OF REQUIRED RESTRAINT, LIMITS FOR PVC SHALL APPLY.

STANDARD VERTICAL BEND RESTRAINT

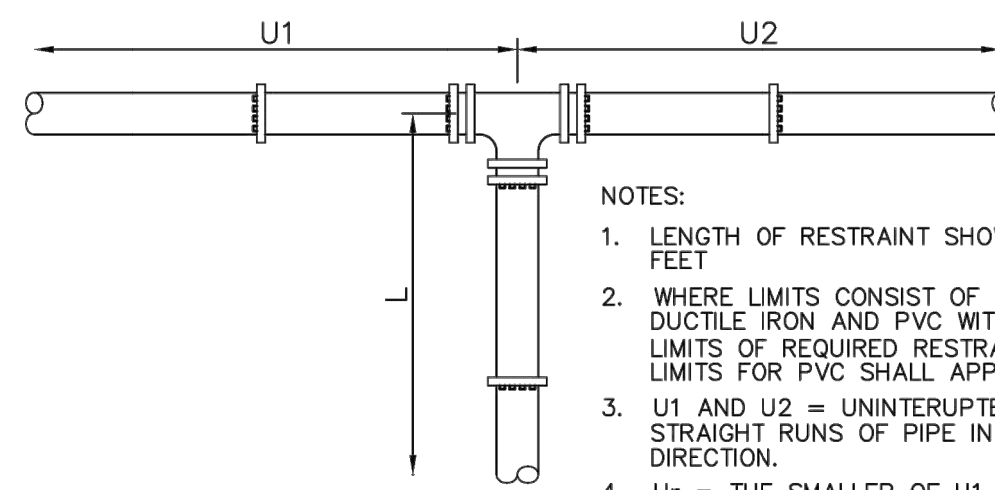


City of Port Wentworth  
TECHNICAL DETAILS

W-28

PREPARED BY SAUSSY ENGINEERING, LLC.

SCALE: N.T.S.  
DATED: FEBRUARY 2007



NOTES:

- LENGTH OF RESTRAINT SHOWN IS IN FEET
- WHERE LIMITS CONSIST OF BOTH DUCTILE IRON AND PVC WITHIN THE LIMITS OF REQUIRED RESTRAINT, LIMITS FOR PVC SHALL APPLY.
- U1 AND U2 = UNINTERUPTED STRAIGHT RUNS OF PIPE IN EACH DIRECTION.
- Ur = THE SMALLER OF U1 OR U2.
- L = MINIMUM RESTRAINED LENGTH ALONG THE BRANCH
- WHERE Ur IS LESS THAN 5', RESTRAIN TEE AS A 90° HORIZONTAL BEND.

Ur	5'-10"	11"-20"	21"-35"	> 35'
4x4	43	28	4	*
6x4	38	17	*	*
8x6	64	49	25	*
8x4	34	6	*	*
8x6	61	42	10	*
8x8	87	72	48	12
10x4	29	*	*	*
10x6	58	34	*	*
10x8	84	66	35	*
10x10	106	91	67	31
12x4	24	*	*	*
12x6	54	26	*	*
12x8	82	60	23	*
12x10	104	86	57	13
12x12	126	112	87	51

MINIMUM RESTRAINED LENGTH (L)

\* RESTRAIN AT TEE ONLY

STANDARD TEE RESTRAINT (PVC LINE)

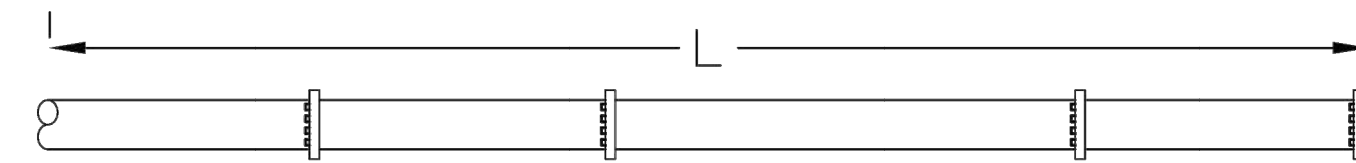


City of Port Wentworth  
TECHNICAL DETAILS

W-29

PREPARED BY SAUSSY ENGINEERING, LLC.

SCALE: N.T.S.  
DATED: FEBRUARY 2007



DUCTILE IRON LINE

PIPE DIA.	L
4	28
6	40
8	52
10	62
12	73
16	94
20	114
24	132

PVC LINE

PIPE DIA.	L
4	52
6	74
8	96
10	115
12	136

NOTES:

- LENGTH OF RESTRAINT SHOWN IS IN FEET.
- WHERE LIMITS CONSIST OF BOTH DUCTILE IRON AND PVC WITHIN THE LIMITS OF REQUIRED RESTRAINT, LIMITS FOR PVC SHALL APPLY.
- FOR LINE STUBS (SEE DETAIL W39), THE LENGTH OF RESTRAINT (L) SHALL BE FROM THE VALVE AND NOT THE CAP.

STANDARD DEAD END RESTRAINT

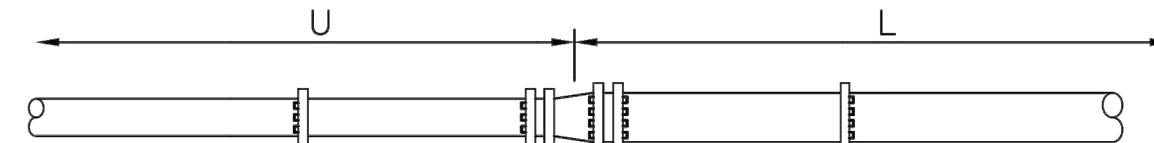


City of Port Wentworth  
TECHNICAL DETAILS

W-31

PREPARED BY SAUSSY ENGINEERING, LLC.

SCALE: N.T.S.  
DATED: FEBRUARY 2007



DUCTILE IRON LINE

REDUCER	U	L
6x4	30	21
8x4	72	38
8x6	29	22
10x4	123	51
10x6	63	38
10x8	26	21
12x4	186	64
12x6	106	53
12x8	59	39
12x10	26	21
16x6	214	79
16x8	141	68
16x10	91	56
16x12	54	40
20x10	174	84
20x12	123	71
20x16	51	40
24x12	207	97
24x16	113	72
24x20	48	39

PVC LINE

REDUCER	U	L
6x4	56	38
8x4	134	69
8x6	53	40
10x4	227	94
10x6	117	71
10x8	49	39
12x4	343	118
12x6	196	99
12x8	109	72
12x10	48	40

U = MINIMUM UNINTERUPTED STRAIGHT RUN OF PIPE ON SMALL SIDE OF REDUCER.

L = MINIMUM RESTRAINED LENGTH.

\* WHERE MINIMUM "U" IS NOT MET, PIPE ON LARGE SIDE OF REDUCER SHALL BE RESTRAINED FOR A MINIMUM OF "L" FEET.

NOTES:

- LENGTH OF RESTRAINT SHOWN IS IN FEET.
- WHERE LIMITS CONSIST OF BOTH DUCTILE IRON AND PVC WITHIN THE LIMITS OF REQUIRED RESTRAINT, LIMITS FOR PVC SHALL APPLY.

STANDARD REDUCER RESTRAINT

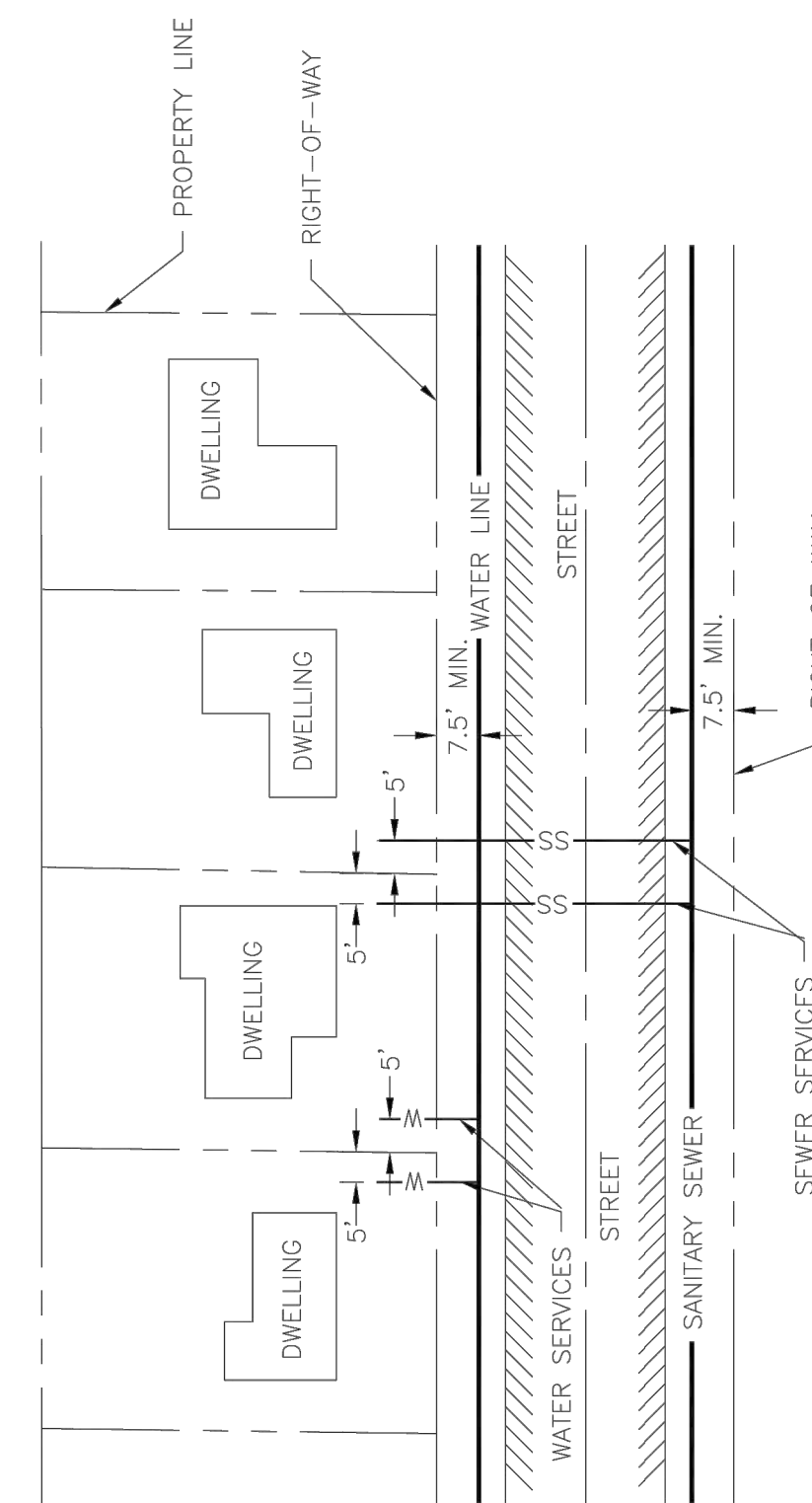


City of Port Wentworth  
TECHNICAL DETAILS

W-32

PREPARED BY SAUSSY ENGINEERING, LLC.

SCALE: N.T.S.  
DATED: FEBRUARY 2007



TYP. WATER & SEWER PLANNING

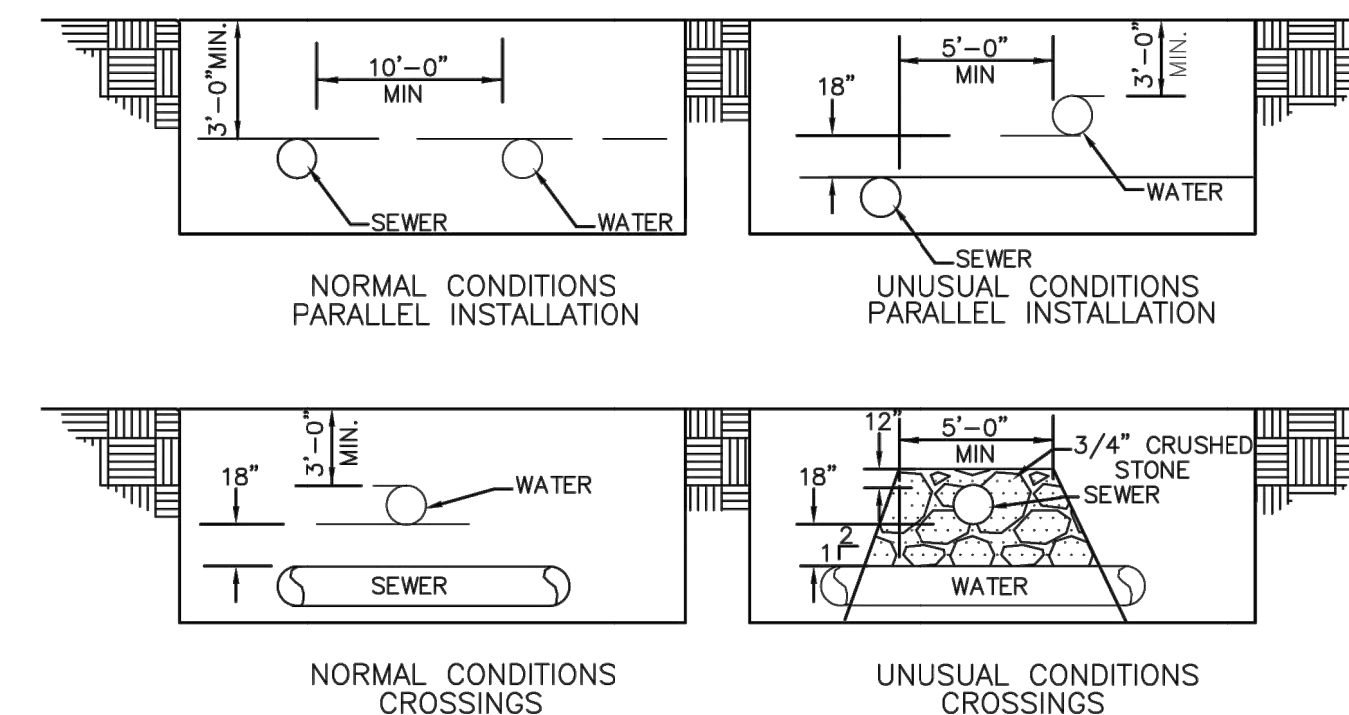


City of Port Wentworth  
TECHNICAL DETAILS

U-2

PREPARED BY SAUSSY ENGINEERING, LLC.

SCALE: N.T.S.  
DATED: FEBRUARY 2007



NOTES:

THE SEPARATION OF WATER MAINS AND SEWERS SHALL COMPLY WITH THE GEORGIA ENVIRONMENTAL PROTECTION DIVISION MINIMUM STANDARDS FOR PUBLIC WATER SYSTEMS, WHICH ARE GENERALLY AS FOLLOWS:

A. PARALLEL INSTALLATION:

- NORMAL CONDITIONS: THE INSIDE EDGE OF A WATER LINE SHALL BE LAID AT LEAST 10 FEET HORIZONTALLY FROM THE INSIDE EDGE OF ANY SANITARY SEWER, STORM SEWER OR SEWER MANHOLE.
- UNUSUAL CONDITIONS: WHEN LOCAL CONDITIONS PREVENT A HORIZONTAL SEPARATION OF 10 FEET, AND WHEN APPROVED BY THE ENGINEER, THE INSIDE EDGE OF A WATER MAIN MAY BE LAID A MINIMUM OF 5 FEET FROM THE INSIDE EDGE OF A SEWER PROVIDED THAT THE BOTTOM OF THE WATER MAIN IS AT LEAST 18 INCHES HIGHER THAN THE TOP OF THE SEWER (SEE DETAIL), AND THE WATER MAIN IS LAID IN A SEPARATE TRENCH OR ON AN UNDISTURBED EARTH SHELF.

B. CROSSINGS:

- NORMAL CONDITIONS: WHENEVER POSSIBLE, THE BOTTOM OF THE WATER MAIN SHALL BE AT LEAST 18 INCHES HIGHER THAN THE TOP OF THE SEWER.
- UNUSUAL CONDITIONS: IF A WATER MAIN MUST CROSS UNDER A SEWER, THE TOP OF THE WATER MAIN SHALL BE AT LEAST 18 INCHES LOWER THAN THE BOTTOM OF THE SEWER, THE WATER MAIN PIPE SHALL BE CENTERED AT THE CROSSING SO THAT THE JOINTS ARE EQUIDISTANT AND AS FAR AS POSSIBLE FROM THE SEWER, AND ADEQUATE STRUCTURAL SUPPORT SHALL BE PROVIDED FOR THE SEWER TO PREVENT EXCESSIVE DEFLECTION OF THE SEWER AT THE CROSSING. ADEQUATE STRUCTURAL SUPPORT SHALL INCLUDE BACKFILLING THE ENTIRE UTILITY CROSSING AREA WITH 3/4" CRUSHED STONE AS SHOWN IN THE DETAIL.

MINIMUM WATER & SEWER PIPE SEPARATION



City of Port Wentworth  
TECHNICAL DETAILS

U-3

PREPARED BY SAUSSY ENGINEERING, LLC.

SCALE: N.T.S.  
DATED: FEBRUARY 2007

REV.	REVISIONS	BY	DATE

RAY A. PITTMAN, P.E.  
GSNCC LEVEL II  
DESIGN PROFESSIONAL  
CERTIFICATION #12469

**Pittman Engineering Co., LLC**  
2591 Hwy 17S Suite 303  
Richmond Hill, GA 31324  
912-445-0578  
www.PittmanEngineeringCo.com

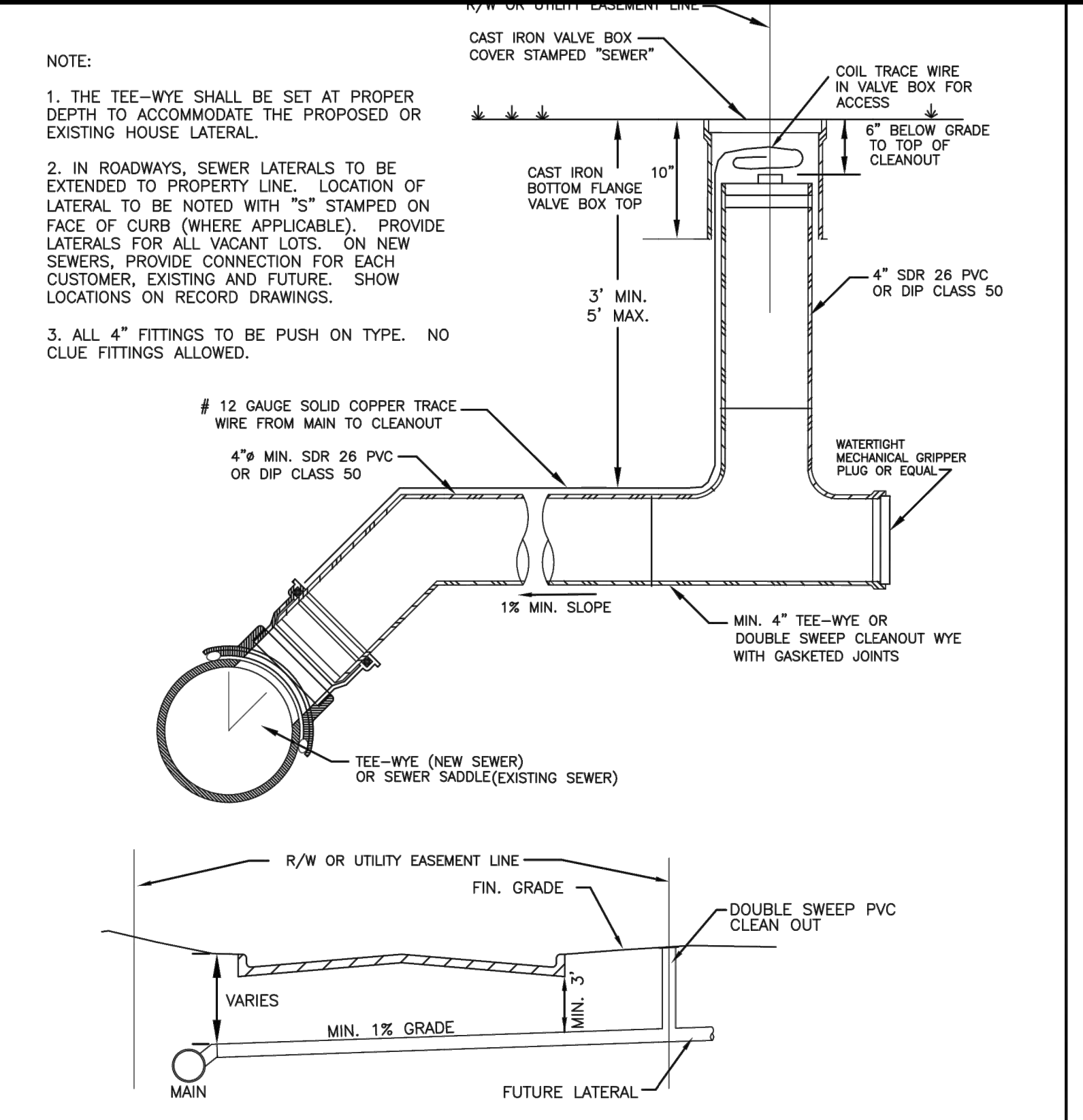
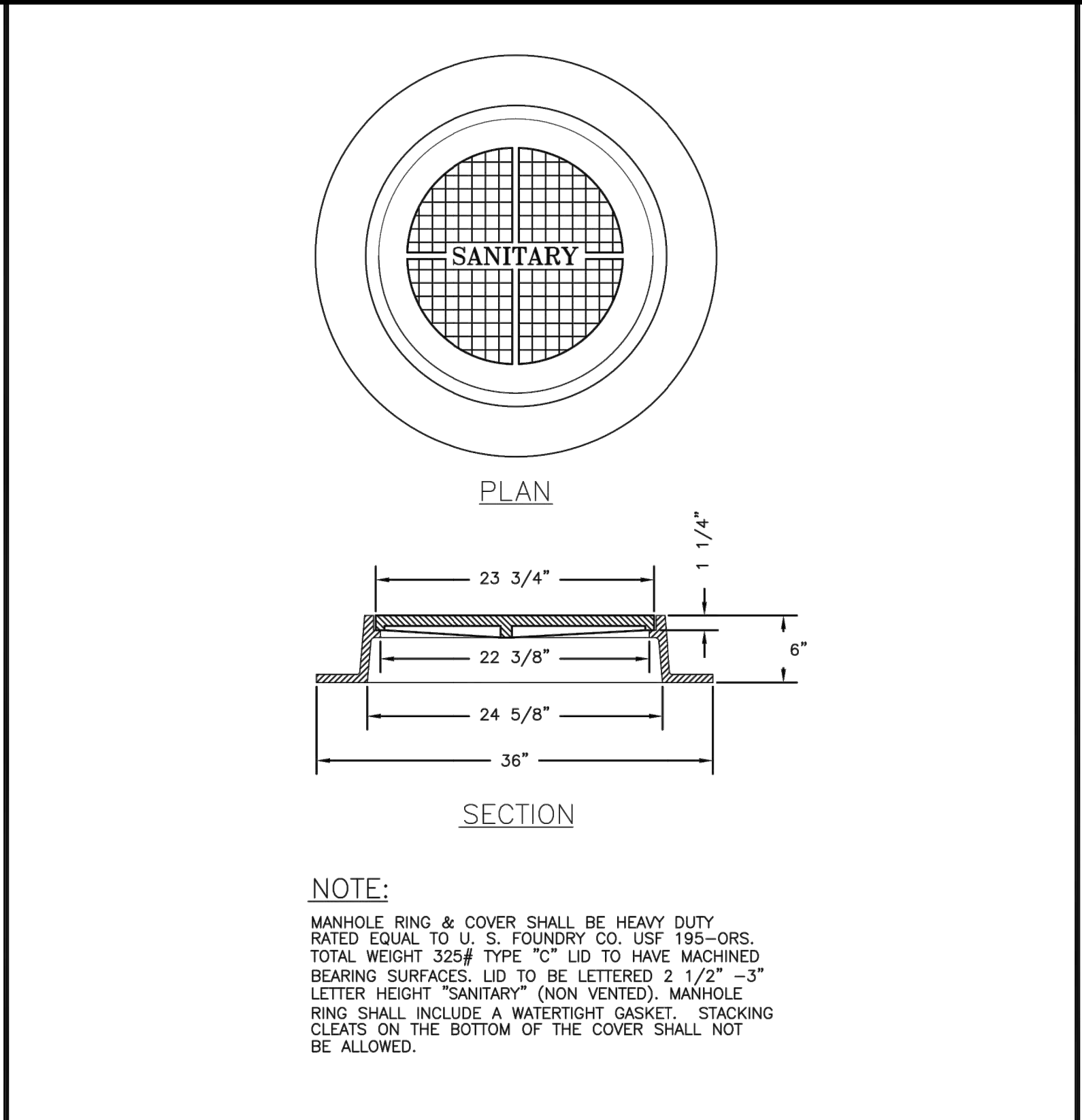
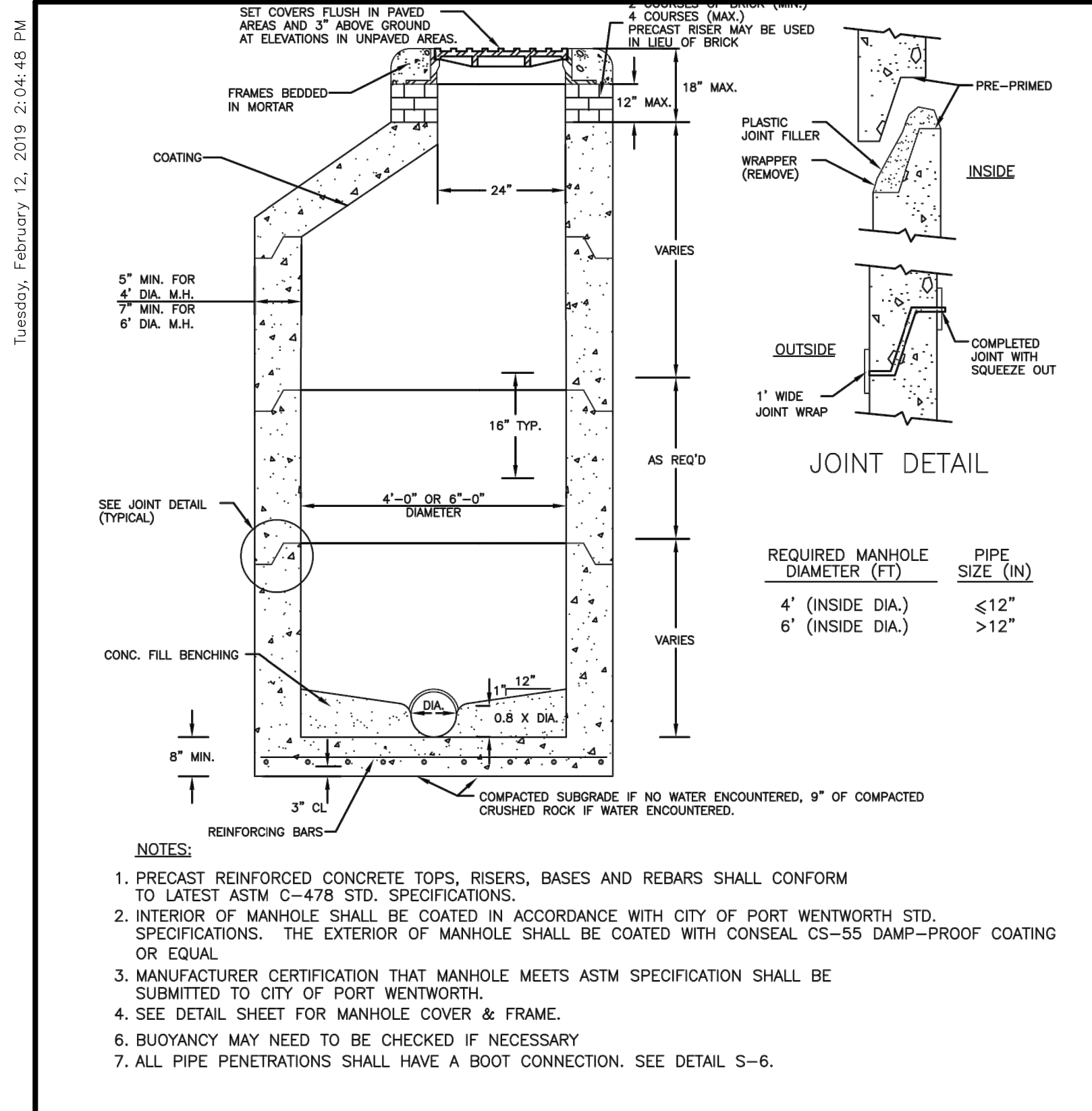
**WATER & SEWER DETAILS**  
**NEWPORT SQUARE TOWNHOMES**  
PORT WENTWORTH, GEORGIA 31407???

Prepared For  
**COOPERS HILLS, LLC**

Project No. 17-117  
Drawn By: MJS  
Designed By: RAP  
Checked By: RAP  
Scale: N.T.S.  
Date: 4/9/18

SHEET  
**C3.7**

Tuesday, February 12, 2019 2:04:48 PM



**PRECAST CONCRETE MANHOLE**

*City of Port Wentworth*

TECHNICAL DETAILS

S-1

PREPARED BY SAUSSY ENGINEERING, LLC.

SCALE: N.T.S. DATED: FEBRUARY 2007

**MANHOLE RING & COVER**

*City of Port Wentworth*

TECHNICAL DETAILS

S-2

PREPARED BY SAUSSY ENGINEERING, LLC.

SCALE: N.T.S. DATED: FEBRUARY 2007

**SANITARY SEWER SERVICE CONNECTION**

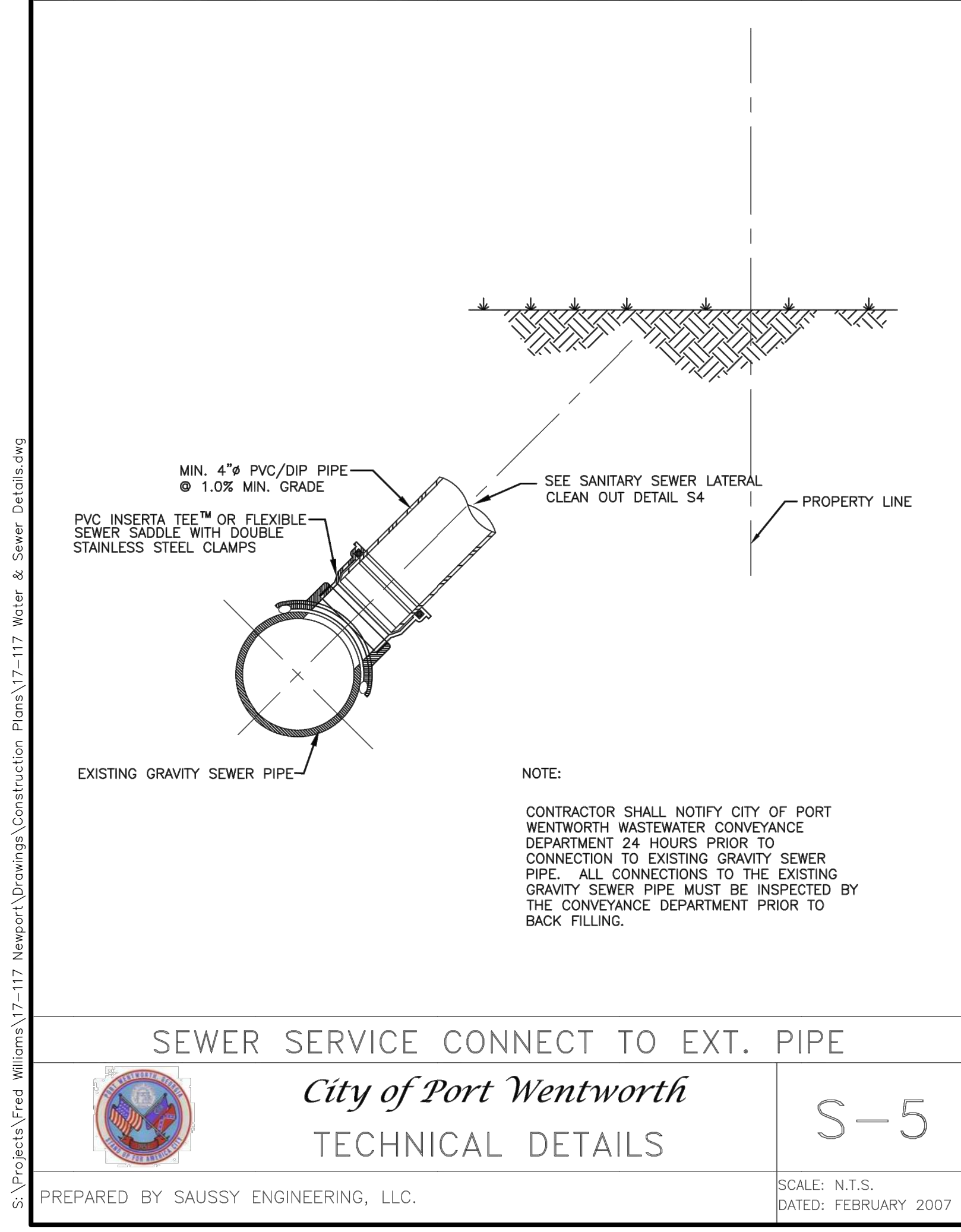
*City of Port Wentworth*

TECHNICAL DETAILS

S-4

PREPARED BY SAUSSY ENGINEERING, LLC.

SCALE: N.T.S. DATED: FEBRUARY 2007



REV.	REVISIONS	BY	DATE

RAY A. PITTMAN, P.E.  
GSNCC LEVEL II  
DESIGN PROFESSIONAL  
CERTIFICATION #12469

**Pittman Engineering Co., LLC**

2591 Hwy 17S Suite 303  
Richmond Hill, GA 31324  
912-445-0578  
www.PittmanEngineeringCo.com

**WATER & SEWER DETAILS**

**NEWPORT SQUARE TOWNHOMES**

PORT WENTWORTH, GEORGIA 31407???

Prepared For  
**COOPERS HILLS, LLC**

Project No. 17-117

Drawn By: MJS

Designed By: RAP

Checked By: RAP

Scale: N.T.S.

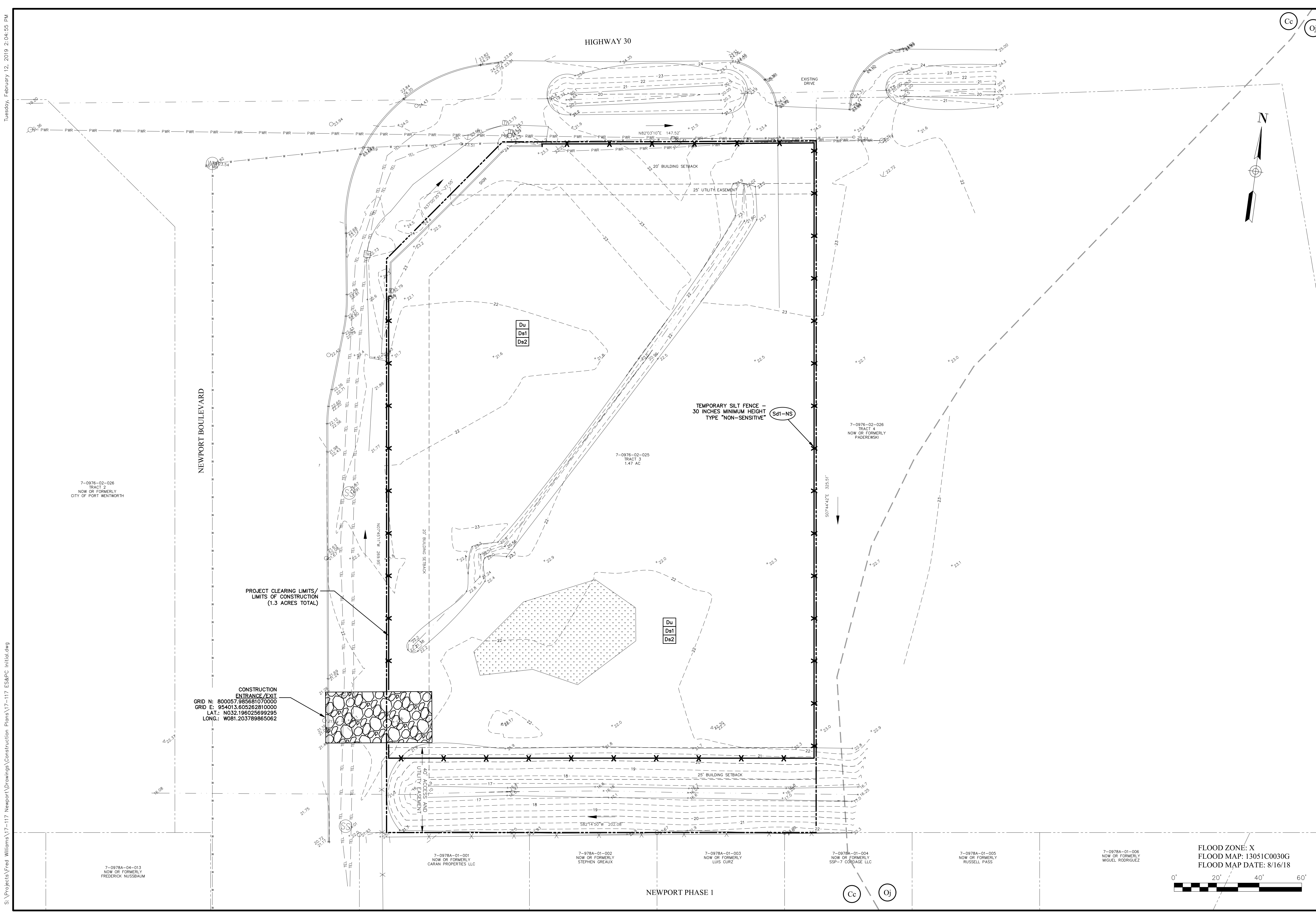
Date: 4/9/18

SHEET  
**C3.8**

S:\Projects\Fred Williams\17-117 Newport\Drawings\Construction Plans\17-117 Water & Sewer Details.dwg

Tuesday, February 12, 2019 2:04:55 PM

S:\Projects\Fred Williams\17-117 Newport\Drawings\Construction\Plans\17-117 ES&FC Initial.dwg



7-0976-02-026  
TRACT 2  
NOW OR FORMERLY  
CITY OF PORT WENTWORTH

NEWPORT BOULEVARD

HIGHWAY 30

PROJECT CLEARING LIMITS/  
LIMITS OF CONSTRUCTION  
(1.3 ACRES TOTAL)

CONSTRUCTION  
ENTRANCE/EXIT  
GRID N: 800057.985681070000  
GRID E: 954013.605262810000  
LAT.: N032.196025699295  
LONG.: W081.203789865062

TEMPORARY SILT FENCE -  
30 INCHES MINIMUM HEIGHT  
TYPE "NON-SENSITIVE" (Sd1-NS)

Du  
Ds1  
Ds2

NEWPORT PHASE I

FLOOD ZONE: X  
FLOOD MAP: 13051C0030G  
FLOOD MAP DATE: 8/16/18



REV.	REVISIONS	BY	DATE

RAY A. PITTMAN, P.E.  
GSNCC LEVEL II  
DESIGN PROFESSIONAL  
CERTIFICATION #12469

**Pittman Engineering Co., LLC**  
2591 Hwy 17S Suite 303  
Richmond Hill, GA 31324  
912-445-0578  
www.PittmanEngineeringCo.com

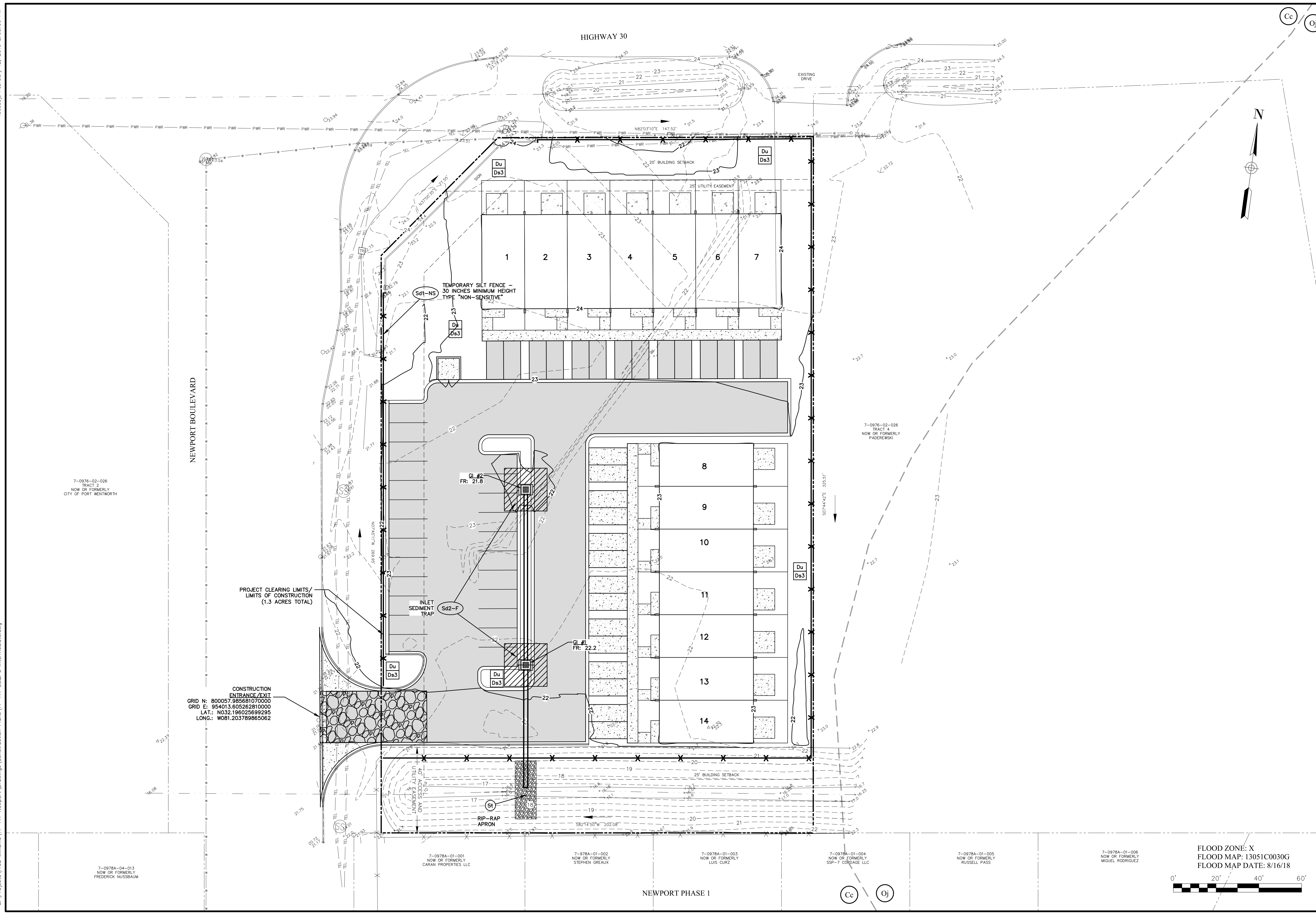
S&ECP - INITIAL PHASE  
**NEWPORT SQUARE TOWNHOMES**  
PORT WENTWORTH, GEORGIA 31407???

Prepared For  
**COOPERS HILLS, LLC**

Project No. 17-117  
Drawn By: MJS  
Designed By: RAP  
Checked By: RAP  
Scale: 1"=20'  
Date: 4/9/18

SHEET  
**EC1.0**





7-0976-02-026  
TRACT 2  
NOW OR FORMERLY  
CITY OF PORT WENTWORTH

NEWPORT BOULEVARD

HIGHWAY 30

PROJECT CLEARING LIMITS/  
LIMITS OF CONSTRUCTION  
(1.3 ACRES TOTAL)

CONSTRUCTION  
ENTRANCE/EXIT  
GRID N: 800057.985681070000  
GRID E: 954013.605262810000  
LAT.: N032.196025699295  
LONG.: W081.203789865062

7-0978A-04-013  
NOW OR FORMERLY  
FREDERICK NUSSBAUM

7-0978A-01-001  
NOW OR FORMERLY  
CARMAN PROPERTIES, LLC

7-0978A-01-002  
NOW OR FORMERLY  
STEPHEN GREAUX

7-0978A-01-003  
NOW OR FORMERLY  
LUIS CURZ

7-0978A-01-004  
NOW OR FORMERLY  
SSP-Y CORDAGE LLC

7-0978A-01-005  
NOW OR FORMERLY  
RUSSELL PASS

7-0978A-01-006  
NOW OR FORMERLY  
MIGUEL RODRIGUEZ

NEWPORT PHASE I

FLOOD ZONE: X  
FLOOD MAP: 13051C0030G  
FLOOD MAP DATE: 8/16/18



REV.	REVISIONS	BY	DATE

RAY A. PITTMAN, P.E.  
GSNCC LEVEL II  
DESIGN PROFESSIONAL  
CERTIFICATION #12469

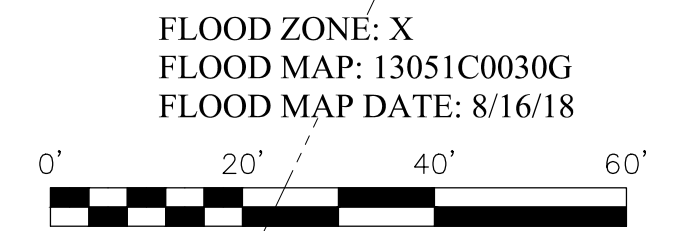
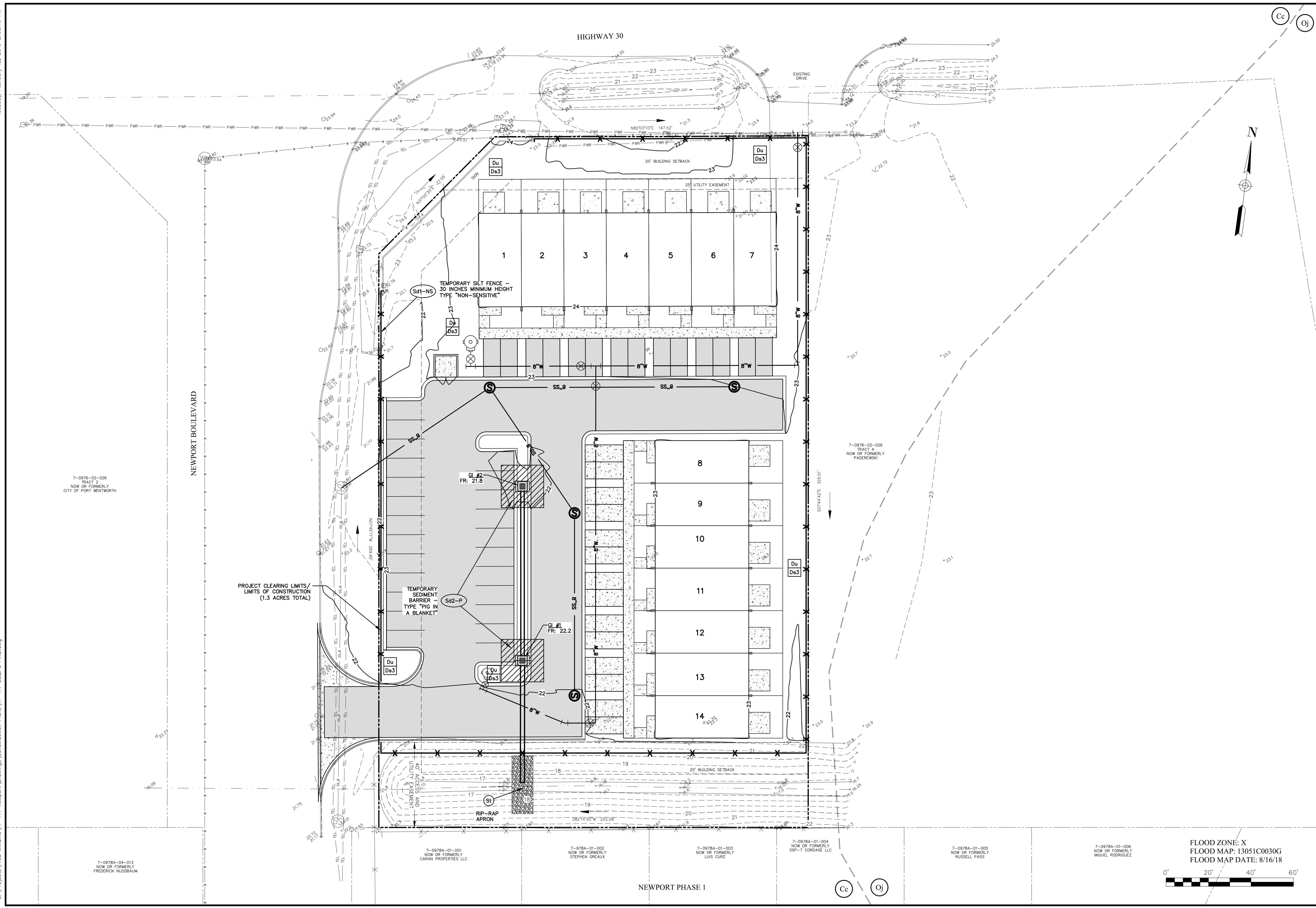
**Pittman Engineering Co., LLC**  
2591 Hwy 17S Suite 303  
Richmond Hill, GA 31324  
912-445-0578  
www.PittmanEngineeringCo.com

S&ECP - INTERMEDIATE PHASE  
**NEWPORT SQUARE TOWNHOMES**  
PORT WENTWORTH, GEORGIA 31407???

Prepared For  
**COOPERS HILLS, LLC**

Project No. 17-117  
Drawn By: MJS  
Designed By: RAP  
Checked By: RAP  
Scale: 1"=20'  
Date: 4/9/18

SHEET  
**EC2.0**



REV.	REVISIONS	BY	DATE

RAY A. PITTMAN, P.E.  
GSNCC LEVEL II  
DESIGN PROFESSIONAL  
CERTIFICATION #12469

**Pittman Engineering Co., LLC**  
2591 Hwy 17S Suite 303  
Richmond Hill, GA 31324  
912-445-0578  
www.PittmanEngineeringCo.com

S&ECP - FINAL PHASE  
**NEWPORT SQUARE TOWNHOMES**  
PORT WENTWORTH, GEORGIA 31407???

Prepared For  
**COOPERS HILLS, LLC**

Project No. 17-117  
Drawn By: MJS  
Designed By: RAP  
Checked By: RAP  
Scale: 1"=20'  
Date: 4/9/18

SHEET  
**EC3.0**

# EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST STAND ALONE CONSTRUCTION PROJECTS

SWCD: COASTAL

Project Name: NEWPORT SQUARE TOWNHOMES

Address: PORT WENTWORTH, GEORGIA 31407???

Date on Plans: 4/9/18

City/County: CITY OF PORT WENTWORTH

Plan Page #	Included Y/N	TO BE SHOWN ON ES&PC PLAN
EC4.0-EC4.2	YES	1. The applicable <u>Erosion, Sedimentation and Pollution Control Plan Checklist</u> established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted.
COV-EC5.1	YES	2. Level II certification number issued by the Commission, signature and seal of the certified design professional.
N/A	NO	3. Limit of disturbance shall be no greater than 50 acres at any one time without prior written authorization from the EPD District Office. If EPD approves the request to disturb 50 acres or more at any one time, the plan must include at least 4 of the BMPs listed in Appendix 1 of this checklist.*
EC4.0	YES	4. The name and phone number of the 24-hour local contact responsible for erosion, sedimentation and pollution controls. JANICE WILLIAMS ??? ??? ???
EC4.0	YES	5. Provide the name, address and phone number of the primary permittee or tertiary permittee. JANICE WILLIAMS ??? ??? ???
EC4.0	YES	6. Note total and disturbed acreage of the project or phase under construction. TOTAL ACREAGE: 1.47 ACRES DISTURBED ACREAGE: 1.3 ACRES
EC1.0 -EC4.0	YES	7. Provide the GPS location of the construction exit for the site. Give the Latitude and Longitude in decimal degrees. LATITUDE: N032.196025699295 LONGITUDE: W081.203789865062
COV-EC5.1	YES	8. Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.
EC4.0	YES	9. Description of the nature of construction activity. RESIDENTIAL DEVELOPMENT.
COV	YES	10. Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary.
EC4.0	YES	11. Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas, wetlands, etc. which may be affected. RECEIVING WATERS = LITTLE HEARST BRANCH
EC4.0	YES	12. Design professional's certification statement and signature that the site was visited prior to development of the ES&PC Plan as stated on page 15 of the permit.

"I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY SUPERVISION."

RAY A. PITTMAN, P.E. DATE  
GSWCC LEVEL II DESIGN PROFESSIONAL - CERTIFICATION #12469

EC4.0	YES	13. Design professional's certification statement and signature that the permittee's ES&PC Plan provides for an appropriate and comprehensive system of BMPs and sampling to meet permit requirements as stated on page 15 of the permit.*
-------	-----	--

"I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED. THE PLAN PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF THE STORM WATER OUTFALLS. THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR 100001."

RAY A. PITTMAN, P.E. DATE  
GSWCC LEVEL II DESIGN PROFESSIONAL - CERTIFICATION #12469

EC4.0	YES	14. Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect the installation of the initial sediment storage requirements and perimeter control BMPs within 7 days after installation.*"
-------	-----	---

THE PRIMARY PERMITTEE MUST RETAIN THE DESIGN PROFESSIONAL WHO PREPARED THE PLAN (EXCEPT WHEN THE PRIMARY PERMITTEE HAS REQUESTED IN WRITING AND EPD HAS AGREED TO AN ALTERNATE DESIGN PROFESSIONAL), TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMPs WHICH THE DESIGN PROFESSIONAL DESIGNED WITHIN SEVEN (7) DAYS AFTER INSTALLATION. THE DESIGN PROFESSIONAL SHALL DETERMINE IF THESE BMPs HAVE BEEN INSTALLED AND ARE BEING MAINTAINED AS DESIGNED. THE DESIGN PROFESSIONAL SHALL REPORT THE RESULTS OF THE INSPECTION TO THE PRIMARY PERMITTEE WITHIN SEVEN (7) DAYS AND THE PERMITTEE MUST CORRECT ALL DEFICIENCIES WITHIN TWO (2) BUSINESS DAYS OF RECEIPT OF THE INSPECTION REPORT FROM THE DESIGN PROFESSIONAL (UNLESS WEATHER RELATED SITE CONDITIONS ARE SUCH THAT ADDITIONAL TIME IS REQUIRED).

Plan Page #	Included Y/N	TO BE SHOWN ON ES&PC PLAN
-------------	--------------	---------------------------

### DESIGN PROFESSIONAL'S 7-DAY VISIT CERTIFICATION:

DATE OF INSPECTION: \_\_\_\_\_

I CERTIFY THE SITE WAS IN COMPLIANCE WITH THE ES&PC PLAN ON THE DATE OF INSPECTION.

RAY A. PITTMAN, P.E. DATE  
GSWCC LEVEL II DESIGN PROFESSIONAL - CERTIFICATION #12469

### INSPECTION REVEALED THE FOLLOWING DISCREPANCIES FROM THE ES&PC PLAN:

THESE DEFICIENCIES MUST BE ADDRESSED IMMEDIATELY AND A RE-INSPECTION SCHEDULED. WORK SHALL NOT PROCEED ON THE SITE UNTIL THE DESIGN PROFESSIONAL CERTIFICATION IS OBTAINED.

EC4.0	YES	15. Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of wretched vegetation or within 25-feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits."
-------	-----	--

"NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50-FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION OR WITHIN 25-FEET OF THE COASTAL MARSHLAND BUFFER AS MEASURED FROM THE JURISDICTIONAL DETERMINATION LINE WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS."

N/A	NO	16. Provide a description of any buffer encroachments and indicate whether a buffer variance is required. NO BUFFERS REQUIRED.
-----	----	--

EC4.0	YES	17. Clearly note the statement that "Amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional.*"
-------	-----	--

"AMENDMENTS/REVISIONS TO THE ES&PC PLAN WHICH HAVE A SIGNIFICANT EFFECT ON BMPs WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL."

EC4.0	YES	18. Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as authorized by a section 404 permit.*"
-------	-----	--

WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.

#### Waste Materials

All waste materials will be collected and stored in a securely lidded metal dumpster. The dumpster will meet all solid waste management regulations. All trash and construction debris from the site will be deposited in the dumpster. The dumpster will be emptied a minimum of once per week or more often if necessary and trash will be hauled as required by local regulations. No construction waste will be buried onsite.

All personnel will be instructed on proper procedures for waste disposal. A notice stating these practices will be posted at the jobsite and the Contractor will be responsible for seeing that these procedures are followed.

EC4.0	YES	19. Clearly note statement that "The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to land disturbing activities."
-------	-----	---

"THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES."

EC4.0	YES	20. Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation of the approved Plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source."
-------	-----	--

"EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE."

EC4.0	YES	21. Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."
-------	-----	---

"ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING."

N/A	NO	22. Any construction activity which discharges storm water into an <u>Impaired Stream Segment</u> or within 1 linear mile upstream of and within the same watershed as, any portion of a <u>Bio-Incubated Stream Segment</u> must comply with <u>Part III, C, of the Permit</u> . Include the completed <u>Appendix I</u> listing all the BMPs that will be used for those areas of the site which discharge to the <u>Impaired Stream Segment</u> .*
-----	----	---

N/A	NO	23. If a <u>TMDL Implementation Plan</u> for sediment has been finalized for the <u>Impaired Stream Segment</u> (identified in item 23 above) at least six months prior to submittal of NOI, the ES&PC Plan must address any site-specific conditions or requirements included in the <u>TMDL Implementation Plan</u> .*
-----	----	--

Plan Page #	Included Y/N	TO BE SHOWN ON ES&PC PLAN
-------------	--------------	---------------------------

EC4.0	YES	24. BMPs for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles. Washout of the drum at the construction site is prohibited.*
-------	-----	--

CONCRETE WASHDOWN OF TOOLS, CONCRETE MIXER CHUTES, HOPPERS AND REAR OF THE VEHICLES ON THE PROJECT SITE IS PROHIBITED. WASHOUT OF THE DRUM AT THE CONSTRUCTION SITE IS PROHIBITED.

EC4.0	YES	25. Provide BMPs for the remediation of all petroleum spills and leaks.
-------	-----	---

#### Spill Cleanup and Control Practices

- Local, State and manufacturer's recommended methods for spill cleanup will be clearly posted and procedures will be made available to site personnel.
- Material and equipment necessary for spill cleanup will be kept in the material storage areas. Typical materials and equipment includes, but is not limited to, brooms, dustpans, mops, gloves, goggles, cat litter, sand, sawdust and properly labeled plastic and metal waste container.
- Spill prevention practices and procedures will be reviewed after a spill and adjusted as necessary to prevent future spills.
- All spills will be cleaned up immediately upon discovery. All spills will be reported as required by local, State, and Federal Regulations.
- FOR SPILLS THAT IMPACT SURFACE WATER (LEAVE A SHEEN ON SURFACE WATER). THE NATIONAL RESPONSE CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOURS AT 1-800-426-2675.
- FOR SPILLS OF AN UNKNOWN AMOUNT, THE NATIONAL CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOURS AT 1-800-426-2675.
- FOR SPILLS GREATER THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE SPILL WILL BE CLEANED UP AND LOCAL AGENCIES WILL BE CONTACTED AS REQUIRED.

The contractor shall notify the licensed professional who prepared this plan if more than 1320 gallons of petroleum is stored onsite (this includes capacities of equipment) or if any one piece of equipment has a capacity greater than 660 gallons. The contractor will need a Spill Prevention Containment and Countermeasures Plan prepared by that licensed professional.

EC1.0-EC3.0 EC4.0-EC4.1 EC5.0	YES	26. Description of the measures that will be installed during the construction process to control pollutants in storm water that will occur after construction operations have been completed.*
-------------------------------------	-----	---

### CONTROLS:

#### EROSION AND SEDIMENT CONTROLS:

- ALL PERIMETER SILT FENCES AND CONSTRUCTION EXITS SHALL BE IN PLACE PRIOR TO ANY LAND DISTURBING ACTIVITIES.
- EXISTING VEGETATION SHALL BE LEFT IN PLACE UNTIL SUCH TIME THAT LAND DISTURBING ACTIVITIES ARE TO TAKE PLACE UPON THAT PORTION OF THE SITE. WHEN CONSTRUCTION ACTIVITIES HAVE CEASED IN AN AREA, THAT AREA SHALL BE STABILIZED WITHIN 14 DAYS. IF THE AREA IS NOT TO FINAL GRADE, THE AREA SHALL BE MULCHED. IF THE AREA IS TO FINAL GRADE AND WILL EVENTUALLY CONTAIN SITE IMPROVEMENTS SUCH AS STRUCTURES OR SIDEWALKS, IT SHALL BE TEMPORARILY SEEDED. AREAS BROUGHT TO FINAL GRADE THAT WILL REMAIN PEROUS ARE TO BE PERMANENTLY SEEDDED. ALLOWABLE EXCEPTIONS FROM THE NPDES GENERAL PERMIT NO. GAR 100001, ARE NOTED BELOW.
- "WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14th DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES DUE TO SNOW COVER OR OTHER ADVERSE WEATHER CONDITIONS, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE."
- "WHERE CONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN 21 DAYS FROM WHEN ACTIVITIES CEASED, (e.g. THE TOTAL TIME PERIOD THAT CONSTRUCTION ACTIVITY IS TEMPORARILY CEASED IS LESS THAN 21 DAYS) THEN STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE BY THE 14th DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY CEASED."

PLEASE REFER TO ATTACHED SHEETS FOR THE LAND DISTURBANCE CONSTRUCTION SCHEDULE (SHEET EC4.1) AND TEMPORARY AND PERMANENT GRASSING SCHEDULE (SHEET EC5.0). THE STORMWATER WILL BE DISCHARGED FROM THE BASIN TO THE EXISTING STORMWATER SYSTEM AND THROUGH THE DOWNSTREAM DITCH SYSTEM AND EVENTUALLY TO THE LITTLE HEARST BRANCH.

#### NON-STORMWATER DISCHARGE:

- ALL NON-STORMWATER DISCHARGES WILL BE ROUTED THROUGH ON-SITE BMP'S AND THE STORMWATER MANAGEMENT SYSTEM WHERE POSSIBLE. THESE DISCHARGES INCLUDE FLUSHING OF WATER AND FIRE LINES, IRRIGATION WATER, GROUND WATER, DEWATERING OF PITS OR DEPRESSIONS WITHIN THE CONSTRUCTION SITE AND RINSE-OFF WATER OF NON-MATERIALS.

#### OTHER CONTROLS:

- NO WASTE WILL BE DISPOSED INTO STORMWATER INLETS OR WATERS OF THE STATE.

#### WASTE MATERIALS:

ALL WASTE MATERIALS WILL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER. THE DUMPSTER WILL MEET ALL SOLID WASTE MANAGEMENT REGULATIONS. THE DUMPSTER WILL BE EMPTIED A MINIMUM OF ONCE A WEEK OR MORE OFTEN IF NEEDED AND TRASH WILL BE HAULED AS REQUIRED BY LOCAL REGULATIONS. NO CONSTRUCTION WASTE WILL BE BURIED ON-SITE. ALL PERSONNEL WILL BE INSTRUCTED ON PROPER PROCEDURE FOR WASTE DISPOSAL. A NOTICE STATING THESE PRACTICES WILL BE POSTED AT THE JOBSITE AND THE CONTRACTOR WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.

#### HAZARDOUS WASTES

ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL, STATE, AND/OR FEDERAL REGULATIONS AND BY THE MANUFACTURER OF SUCH PRODUCTS. THE JOB SITE SUPERINTENDENT (WHO WILL ALSO BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED) WILL INSTRUCT SITE PERSONNEL IN THESE PRACTICES. MATERIAL SAFETY DATA SHEETS (MSDS'S) FOR EACH SUBSTANCE WITH HAZARDOUS PROPERTIES THAT IS USED ON THE JOB SITE WILL BE OBTAINED AND USED FOR THE PROPER MANAGEMENT OF POTENTIAL WASTES THAT MAY RESULT FROM THESE PRODUCTS. AN MSDS WILL BE POSTED IN THE IMMEDIATE AREA WHERE SUCH PRODUCT IS STORED AND/OR USED AND ANOTHER COPY OF EACH MSDS WILL BE MAINTAINED IN THE ESPCP FILE AT THE JOB SITE CONSTRUCTION TRAILER OFFICE. EACH EMPLOYEE WHO MUST HANDLE A SUBSTANCE WITH HAZARDOUS PROPERTIES WILL BE INSTRUCTED ON THE USE OF MSDS AND THE SPECIFIC INFORMATION IN THE APPLICABLE MSDS FOR THE PRODUCT HE/SHE IS USING, PARTICULARLY REGARDING SPILL CONTROL TECHNIQUES.

THE CONTRACTOR WILL IMPLEMENT THE SPILL PREVENTION CONTROL AND COUNTERMEASURES (SPCC) PLAN FOUND WITHIN THE ESPCP AND WILL TRAIN ALL PERSONNEL IN THE PROPER CLEANUP AND HANDLING OF SPILLED MATERIALS. NO SPILLED HAZARDOUS MATERIAL OR HAZARDOUS WASTES WILL BE ALLOWED TO COME IN CONTACT WITH STORM WATER DISCHARGES. IF SUCH CONTACT OCCURS, THE STORM WATER DISCHARGE WILL BE CONTAINED ON SITE UNTIL APPROPRIATE MEASURES (IN COMPLIANCE WITH STATE AND FEDERAL REGULATIONS) ARE TAKEN TO DISPOSE OF SUCH CONTAMINATED STORM WATER. IT SHALL BE THE RESPONSIBILITY OF THE JOB SITE SUPERINTENDENT TO PROPERLY TRAIN ALL PERSONNEL IN THE USE OF THE SPCC PLAN.

#### SANITARY WASTES:

A MINIMUM OF ONE PORTABLE SANITARY UNIT WILL BE PROVIDED FOR EVERY 10 WORKERS ON THE SITE. ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS A MINIMUM OF ONE TIME PER WEEK BY A LICENSED PORTABLE FACILITY PROVIDER IN COMPLETE COMPLIANCE WITH LOCAL AND STATE REGULATIONS. ALL SANITARY WASTE UNITS WILL BE LOCATED IN AN AREA WHERE THE LIKELIHOOD OF THE UNIT CONTRIBUTING TO STORM WATER DISCHARGE IS NEGLECTABLE. ADDITIONAL CONTAINMENT BMP'S MUST BE IMPLEMENTED SUCH AS GRAVEL BAGS OR SPECIALTY DESIGNED PLASTIC SKID CONTAINERS AROUND THE BASES, TO PREVENT WASTE FROM CONTRIBUTING TO STORM WATER DISCHARGE. THE LOCATION OF SANITARY WASTE UNITS MUST BE IDENTIFIED IN THE EROSION CONTROL GRADING PLAN. BY THE CONTRACTOR ONCE THE LOCATIONS HAVE BEEN DETERMINED. SANITARY SEWER WILL BE PROVIDED BY CITY OF PORT WENTWORTH AT THE COMPLETION OF THIS PROJECT.

#### OFF-SITE VEHICLE TRACKING:

A STABILIZED CONSTRUCTION EXIT HAS BEEN PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENT. SEE SHEETS EC1.0-EC3.0 FOR CONSTRUCTION EXIT LOCATIONS AND SHEET EC5.0 FOR DETAILS. THE PAVED STREET ADJACENT TO THE SITE EXIT WILL BE INSPECTED DAILY FOR TRACKING OF DIRT, MUD, OR ROCK. DUMP TRUCKS HAULING MATERIAL TO OR FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARPULIN.

#### INVENTORY FOR POLLUTION PREVENTION PLAN:

THE FOLLOWING MATERIALS ARE EXPECTED ON-SITE DURING CONSTRUCTION: CONCRETE PRODUCTS, ASPHALT, PETROLEUM BASED FUEL AND LUBRICANTS FOR EQUIPMENT, TAR, METAL BUILDING MATERIALS, LUMBER, SHEET ROCK, FLOOR COVERINGS, ELECTRICAL WIRE AND FIXTURES, PAINT/STAINS/FINISHING TREATMENTS, PAINT, PAINT SOLVENTS, ADDITIVES FOR SOIL STABILIZATION, CLEANING SOLVENTS, PESTICIDES, FERTILIZERS, HERBICIDES, CRUSHED STONE, AND METAL PIPES.

#### SPILL PREVENTION:

PRACTICES SUCH AS GOOD HOUSEKEEPING, PROPER HANDLING OF HAZARDOUS PRODUCTS AND PROPER SPILL CONTROL PRACTICES WILL BE FOLLOWED TO REDUCE THE RISKS OF SPILLS AND SPILLS FROM DISCHARGING INTO STORMWATER RUNOFF.

REVISIONS	BY	DATE

RAY A. PITTMAN, P.E.  
GSWCC LEVEL II  
DESIGN PROFESSIONAL  
CERTIFICATION #12469

**Pittman Engineering Co., LLC**  
2591 Hwy 17S Suite 303  
Richmond Hill, GA 31324  
912-445-0578  
www.PittmanEngineeringCo.com

**SED. & EROSION CONTROL NOTES**  
**NEWPORT SQUARE TOWNHOMES**  
PORT WENTWORTH, GEORGIA 31407???

Prepared For  
**COOPERS HILLS, LLC**

Project No. 17-117
Drawn By: <u>MJS</u>
Designed By: <u>RAP</u>
Checked By: <u>RAP</u>
Scale: <u>N.T.S.</u>
Date: <u>4/9/18</u>

SHEET  
**EC4.0**

# EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST STAND ALONE CONSTRUCTION PROJECTS

SWCD: COASTAL

Project Name: NEWPORT SQUARE TOWNHOMES

Address: PORT WENTWORTH, GEORGIA 31407???

Date on Plans: 4/9/18

City/County: CITY OF PORT WENTWORTH

Plan Page #	Included Y/N	TO BE SHOWN ON ES&PC PLAN
-------------	--------------	---------------------------

### GOOD HOUSEKEEPING:

- QUANTITIES OF PRODUCTS STORED ON-SITE WILL BE LIMITED TO THE AMOUNT NEEDED FOR THE JOB.
- PRODUCTS AND MATERIALS WILL BE STORED IN A NEAT, ORDERLY MANNER IN APPROPRIATE CONTAINERS PROTECTED FROM RAINFALL WHERE POSSIBLE.
- PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH MANUFACTURER LABELS VISIBLE.
- PRODUCTS MIXING, DISPOSAL AND DISPOSAL OF PRODUCT CONTAINERS WILL BE ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
- THE CONTRACTOR WILL INSPECT SUCH MATERIALS TO ENSURE PROPER USE, STORAGE, AND DISPOSAL.

### MAINTENANCE & INSPECTION OF EROSION & SEDIMENT CONTROLS:

#### MAINTENANCE:

THE FOLLOWING BEST MANAGEMENT PRACTICE MAINTENANCE CRITERIA ARE TAKEN FROM THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA," FIFTH EDITION.

CONSTRUCTION RIGHTS SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOW OR MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC DRESSING WITH 1.5-3.5 INCH STONE, AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEANING OF ANY STRUCTURES TO TRAP SEDIMENT. ALL MATERIAL SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES OR SITE ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

RETROFIT STRUCTURES SHALL BE KEPT CLEAR OF TRASH AND DEBRIS. THIS WILL REQUIRE CONTINUOUS MONITORING AND MAINTENANCE, WHICH INCLUDES SEDIMENT REMOVAL WHEN ONE-THIRD OF THE SEDIMENT STORAGE CAPACITY HAS BEEN LOST.

SEDIMENT SHALL BE REMOVED FROM SILT FENCES ONCE IT HAS ACCUMULATED ONE-THIRD THE ORIGINAL HEIGHT OF THE BARRIER. FILTER FABRIC SHALL BE REPLACED WHENEVER IT HAS DETERIORATED TO SUCH AN EXTENT THAT THE EFFECTIVENESS OF THE FABRIC IS REDUCED (APPROXIMATELY SIX MONTHS).

SEDIMENT SHALL BE REMOVED FROM SEDIMENT TRAPS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-HALF THE HEIGHT OF THE TRAP. SEDIMENT SHALL BE REMOVED FROM CURB INLET PROTECTION IMMEDIATELY. FOR EXCAVATED INLET SEDIMENT TRAPS, SEDIMENT SHALL BE REMOVED WHEN ONE-HALF OF THE SEDIMENT STORAGE CAPACITY HAS BEEN LOST TO SEDIMENT ACCUMULATION.

SEDIMENT SHALL NOT BE WASHED INTO THE INLET. IT SHALL BE REMOVED FROM THE SEDIMENT TRAP AND DISPOSED OF AND STABILIZED SO THAT IT WILL NOT ENTER THE INLET AGAIN.

WHEN THE CONTRIBUTING DRAINAGE AREA HAS BEEN PERMANENTLY STABILIZED, ALL MATERIALS AND ANY SEDIMENT SHALL BE REMOVED, AND EITHER SALVAGED OR DISPOSED OF PROPERLY. THE DISTURBED AREA SHALL BE BROUGHT TO PROPER GRADE, SMOOTHED AND COMPACTED.

APPROPRIATELY STABILIZE ALL DISTURBED AREAS AROUND THE INLET.

REPAIR ALL DAMAGES CAUSED TO TEMPORARY SEDIMENT BASINS BY SOIL EROSION OR CONSTRUCTION EQUIPMENT AT OR BEFORE THE END OF EACH WORKING DAY. SEDIMENT SHALL BE REMOVED FROM THE BASIN WHEN IT REACHES THE TOP OF THE RISER. SEDIMENT SHALL NOT ENTER ADJACENT STREAMS OR DRAINAGE WAYS DURING SEDIMENT REMOVAL. THE SEDIMENT SHALL NOT BE DEPOSITED DOWNSTREAM FROM THE EMBANKMENT, ADJACENT TO A STREAM OR FLOODPLAIN.

INSPECT RIPRAP OUTLET STRUCTURES AFTER HEAVY RAINS TO SEE IF ANY EROSION AROUND OR BELOW THE RIPRAP HAS TAKEN PLACE OR IF STONES HAVE BEEN DISLOADED. IMMEDIATELY MAKE ALL NEEDED REPAIRS TO PREVENT FURTHER DAMAGE.

ROUGHENED AREAS SHALL BE SEEDED AND MULCHED AS SOON AS POSSIBLE TO OBTAIN OPTIMUM SEED GERMINATION AND SEEDING GROWTH.

MULCH OR TEMPORARY GRASSING SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 14 DAYS OF DISTURBANCES. MULCH CAN BE USED AS A SINGULAR EROSION CONTROL DEVICE FOR UP TO 6 MONTHS, BUT IT SHALL BE APPLIED AT THE APPROPRIATE DEPTH (DEPENDING ON THE MATERIALS USED), ANCHORED, AND HAVE A CONTINUOUS 90% COVER. TEMPORARY VEGETATION MAY BE EMPLOYED INSTEAD OF MULCH IF THE AREA WILL REMAIN UNDISTURBED FOR LESS THAN 6 MONTHS. IF THE AREA WILL REMAIN UNDISTURBED FOR GREATER THAN 6 MONTHS, PERMANENT VEGETATIVE TECHNIQUES SHALL BE EMPLOYED.

PERMANENT VEGETATION SHALL BE APPLIED IMMEDIATELY TO ROUGH GRADED AREAS THAT WILL BE UNDISTURBED FOR LONGER THAN 6 MONTHS. THIS PRACTICE OF SODDING SHALL BE APPLIED IMMEDIATELY TO ALL AREAS AT FINAL GRADE. FINAL STABILIZATION MEANS THAT ALL SOIL DISTURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED, AND THAT FOR THE UNPAVED AREAS AND AREAS NOT COVERED IN PERMANENT STRUCTURES AT LEAST 70% OF THE SOIL SURFACE IS UNIFORMLY COVERED IN PERMANENT VEGETATION OR EQUIVALENT PERMANENT STABILIZATION MEASURES (SUCH AS THE USE OF RIPRAP, CABIONS, PERMANENT MULCHES OR GEOTEXTILES) HAVE BEEN EMPLOYED. PERMANENT VEGETATION SHALL CONSIST OF PLANTED TREES, SHRUBS, PERENNIAL VINES, A CROP OF PERENNIAL VEGETATION APPROPRIATE FOR THE REGION, SUCH THAT WITHIN THE GROWING SEASON, A 70% COVERAGE OF PERENNIAL VEGETATION SHALL BE ACHIEVED. FINAL STABILIZATION APPLIES TO EACH PHASE OF CONSTRUCTION UNTIL THIS STANDARD IS SATISFIED AND PERMANENT CONTROL MEASURES AND FACILITIES ARE OPERATIONAL. INTERIM STABILIZATION MEASURES AND TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL NOT BE REMOVED.

EC4.1	YES
-------	-----

27. Description of the practices that will be used to reduce the pollutants in storm water discharges.\*

#### Product Specific Practices

**Petroleum Based Products** - Containers for products such as fuel, lubricants and tars will be inspected daily for leaks and spills. This includes on-site vehicle and machinery daily inspections and regular preventative maintenance of such equipment. Equipment maintenance areas will be located away from state water, natural drains and storm water drainage inlets. In addition, temporary fueling tanks shall have a secondary containment liner to prevent/minimize site contamination. Discharge of oils, fuels and lubricants is prohibited. Proper disposal methods will include collection in a suitable container and disposal as required by local and State regulations.

**Paints/Finishes/Solvents** - All products will be stored in tightly sealed original containers when not in use. Excess product will not be discharged to the storm water collection system. Excess product, materials used with these products and product containers will be disposed of according to manufacturer's specifications and recommendations.

**Concrete Truck Washing** - NO concrete trucks will be allowed to wash out or discharge surplus concrete or drill water on-site.

**Fertilizer/Herbicides** - These products will be applied at rates that do not exceed the manufacturer's specifications or above the guidelines set forth in the crop establishment or in the GSWCC Manual for Erosion and Sediment Control in Georgia. Any storage of these materials will be under roof in sealed containers.

**Building Materials** - No building or construction materials will be buried or disposed of onsite. All such materials will be disposed of using proper waste disposal procedures.

EC4.1	YES
-------	-----

28. Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portions of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, utility activities, temporary and final stabilization).

#### CONSIDERATIONS FOR CONSTRUCTION SCHEDULING

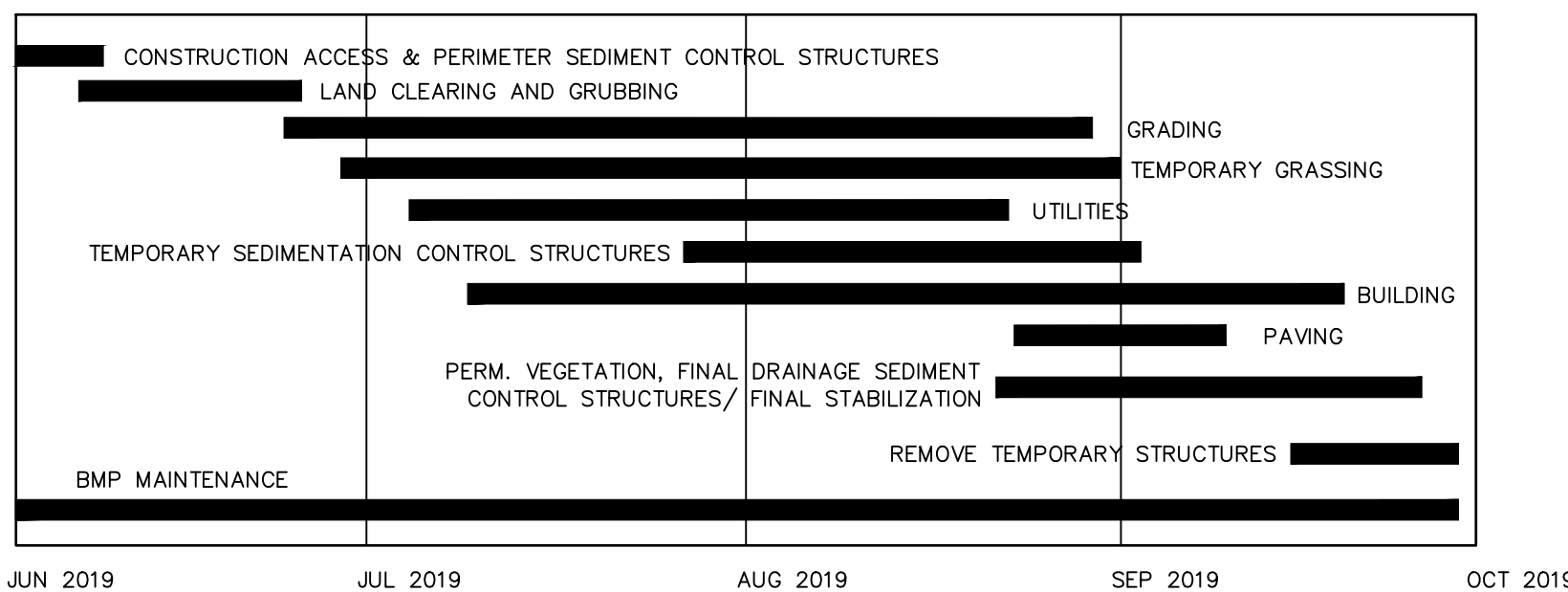
A SPECIFIED WORK SCHEDULE IS NEEDED TO COORDINATE THE TIMING OF LAND DISTURBING ACTIVITIES WITH THE INSTALLATION OF EROSION AND SEDIMENTATION CONTROL MEASURES.

THE PURPOSE OF THE SCHEDULE IS TO REDUCE ON-SITE EROSION AND OFF-SITE SEDIMENTATION BY PERFORMING LAND DISTURBING ACTIVITIES AND INSTALLING EROSION AND SEDIMENTATION CONTROL PRACTICES IN ACCORDANCE WITH A PLANNED SCHEDULE.

IN PLANNING CONSTRUCTION WORK, IT MAY BE HELPFUL TO OUTLINE ALL LAND DISTURBING ACTIVITIES NECESSARY TO COMPLETE THE PROPOSED PROJECT. THEN LIST ALL PRACTICES NEEDED TO CONTROL EROSION AND SEDIMENTATION ON THE SITE. THESE TWO LISTS CAN THEN BE COMBINED IN LOGICAL ORDER TO PROVIDE A PRACTICAL AND EFFECTIVE CONSTRUCTION SEQUENCE SCHEDULE THAT BECOMES PART OF THE EROSION AND SEDIMENTATION CONTROL PLAN.

Plan Page #	Included Y/N	TO BE SHOWN ON ES&PC PLAN
-------------	--------------	---------------------------

CONSTRUCTION ACTIVITY	SCHEDULE CONSIDERATION
1. OBTAIN ALL PLAN APPROVALS AND OTHER APPLICABLE PERMITS.	
2. FLAG THE WORK LIMITS AND MARK THE TREES AND BUFFER AREAS FOR PROTECTION.	
3. HOLD PRE CONSTRUCTION CONFERENCE AT LEAST ONE WEEK PRIOR TO STARTING CONSTRUCTION.	
4. CONSTRUCTION ACCESS - CONSTRUCTION ENTRANCE, CONSTRUCTION ROUTES, EQUIPMENT PARKING AREAS.	FIRST LAND DISTURBING ACTIVITY -- STABILIZE BARE AREAS IMMEDIATELY WITH GRAVEL AND TEMPORARY VEGETATION AS CONSTRUCTION TAKES PLACE.
5. SEDIMENT TRAPS AND BARRIERS - BASIN TRAPS, SEDIMENT FENCES, AND OUTLET PROTECTION.	INSTALL PRINCIPAL BASINS AFTER CONSTRUCTION SITE IS ACCESSED. INSTALL ADDITIONAL TRAPS AND BARRIERS AS NEEDED DURING GRADING.
6. RUNOFF CONTROL - DIVERSIONS, PERIMETER DIKES, WATER BARS, AND OUTLET PROTECTION.	INSTALL KEY PRACTICES AFTER PRINCIPAL SEDIMENT TRAPS AND BEFORE LAND GRADING. INSTALL ADDITIONAL RUNOFF-CONTROL MEASURES DURING GRADING.
7. RUNOFF CONVEYANCE SYSTEM- STABILIZE STREAM BANKS, STORM DRAINS, CHANNELS, INLET AND OUTLET PROTECTION, SLOPE DRAINS.	WHERE NECESSARY, STABILIZE STREAM BANKS AS EARLY AS POSSIBLE. INSTALL PRINCIPAL RUNOFF CONVEYANCE SYSTEM WITH RUNOFF- CONTROL MEASURES. INSTALL REMAINDER OF SYSTEM AFTER GRADING.
8. LAND CLEARING AND GRADING-SITE PREPARATION, FILLING AND GRADING, SEDIMENTATION TRAPS, BARRIERS, DIVERSIONS, DRAINS, SURFACE ROUGHENING.	BEGIN MAJOR CLEARING AND GRADING AFTER PRINCIPAL SEDIMENT AND KEY RUNOFF-CONTROL MEASURES ARE INSTALLED. CLEAR BORROW AND DISPOSAL AREAS ONLY AS NEEDED. INSTALL ADDITIONAL CONTROL MEASURES AS GRADING PROGRESSES. MARK TREES AND BUFFER AREAS FOR PRESERVATION.
9. SURFACE STABILIZATION-TEMPORARY AND PERMANENT SEEDING, MULCHING, SODDING, RIPRAP.	APPLY TEMPORARY OR PERMANENT STABILIZATION MEASURES IMMEDIATELY ON ALL DISTURBED AREAS WHERE WORK IS DELAYED OR COMPLETE.
10. BUILDING CONSTRUCTION- BUILDINGS UTILITIES, PAWING.	INSTALL NECESSARY EROSION AND SEDIMENTATION CONTROL PRACTICES AS WORK TAKES PLACE.
11. LANDSCAPING AND FINAL STABILIZATION - TOPSOILING, TREES AND SHRUBS, PERMANENT SEEDING, MULCHING, SODDING RIPRAP.	LAST CONSTRUCTION PHASE--STABILIZE ALL OPEN AREAS, INCLUDING BORROW AND SPOIL AREAS. REMOVE REMAINDER OF SYSTEM AFTER GRADING. STABILIZE ALL TEMPORARY CONTROL MEASURES.



EC4.1	YES
-------	-----

29. Provide complete requirements of inspections and record keeping by the primary permittee.\*

#### INSPECTIONS

##### PRIMARY PERMITTEE

- EACH DAY WHEN ANY TYPE OF CONSTRUCTION ACTIVITY HAS TAKEN PLACE AT A PRIMARY PERMITTEE'S SITE, CERTIFIED PERSONNEL PROVIDED BY THE PRIMARY PERMITTEE SHALL INSPECT:
  - ALL AREAS AT THE PRIMARY PERMITTEE'S SITE WHERE PETROLEUM PRODUCTS ARE STORED, USED, OR HANDLED FOR SPILLS AND LEAKS FROM VEHICLES AND EQUIPMENT AND
  - ALL LOCATIONS AT THE PRIMARY PERMITTEE'S SITE WHERE VEHICLES ENTER OR EXIT THE SITE FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING. THESE INSPECTIONS MUST BE CONDUCTED UNTIL A NOTICE OF TERMINATION IS SUBMITTED.
- MEASURE RAINFALL ONCE EVERY 24 HOURS EXCEPT NONWORKING SATURDAY, NONWORKING SUNDAY AND NONWORKING FEDERAL HOLIDAY UNTIL A NOTICE OF TERMINATION IS SUBMITTED. MEASUREMENT OF RAINFALL MAY BE SUSPENDED IF ALL AREAS OF THE SITE HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION.
- CERTIFIED PERSONNEL (PROVIDED BY THE PRIMARY PERMITTEE) SHALL INSPECT THE FOLLOWING AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES RAINFALL OR GREATER (UNLESS SUCH STORM ENDS AFTER 5:00 PM ON ANY FRIDAY OR ON ANY NONWORKING SATURDAY, NONWORKING SUNDAY OR ANY NONWORKING FEDERAL HOLIDAY IN WHICH CASE THE INSPECTION SHALL BE COMPLETED BY THE END OF THE NEXT BUSINESS DAY AND/OR WORKING DAY, WHICHEVER OCCURS FIRST):
  - DISTURBED AREAS OF THE PRIMARY PERMITTEE'S CONSTRUCTION SITE;
  - AREAS USED BY THE PRIMARY PERMITTEE FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION; AND
  - STRUCTURAL CONTROL MEASURES, EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN APPLICABLE TO THE PRIMARY PERMITTEE'S SITE SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATER(S), FOR AREAS OF A SITE THAT HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION, THE PERMITTEE MUST COMPLY WITH PART IVD.4.A.(4). THESE INSPECTIONS MUST BE CONDUCTED UNTIL A NOTICE OF TERMINATION IS SUBMITTED.
- CERTIFIED PERSONNEL (PROVIDED BY THE PRIMARY PERMITTEE) SHALL INSPECT AT LEAST ONCE PER MONTH DURING THE TERM OF THIS PERMIT (I.E., UNTIL A NOTICE OF TERMINATION IS SUBMITTED TO EPD) THE AREAS OF THE SITE THAT HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION. THESE AREAS SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM AND THE RECEIVING WATER(S). EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATER(S).
- BASED ON THE RESULTS OF EACH INSPECTION, THE SITE DESCRIPTION AND THE POLLUTION PREVENTION AND CONTROL MEASURES IDENTIFIED IN THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, THE PLAN SHALL BE REVISED AS APPROPRIATE NOT LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING EACH INSPECTION. IMPLEMENTATION OF SUCH CHANGES SHALL BE MADE AS SOON AS PRACTICAL BUT IN NO CASE LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING EACH INSPECTION. THE PRIMARY PERMITTEE MUST AMEND THE PLAN IN ACCORDANCE WITH PART IVD.4.B.(5). WHEN A SECONDARY PERMITTEE NOTICES THE PRIMARY PERMITTEE OF ANY PLAN DEFICIENCIES.
  - A REPORT OF EACH INSPECTION THAT INCLUDES THE NAME(S) OF CERTIFIED PERSONNEL MAKING EACH INSPECTION, THE DATE(S) OF EACH INSPECTION, CONSTRUCTION PHASE (I.E., INITIAL, INTERMEDIATE OR FINAL), MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, AND ACTIONS TAKEN IN ACCORDANCE WITH PART IVD.4.A.(5). OF THE PERMIT SHALL BE MADE AND RETAINED AT THE SITE OR BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION UNTIL THE ENTIRE SITE OR THAT PORTION OF A CONSTRUCTION PROJECT THAT HAS BEEN PHASED HAS UNDERGONE FINAL STABILIZATION AND A NOTICE OF TERMINATION IS SUBMITTED TO EPD. SUCH REPORTS SHALL BE READILY AVAILABLE BY END OF THE SECOND BUSINESS DAY AND/OR WORKING DAY AND SHALL IDENTIFY ALL INCIDENTS OF BEST MANAGEMENT PRACTICES THAT HAVE NOT BEEN PROPERLY INSTALLED AND/OR MAINTAINED AS DESCRIBED IN THE PLAN. WHERE THE REPORT DOES NOT IDENTIFY AN INCIDENT THE INSPECTION REPORT SHALL CONTAIN A STATEMENT THAT THE BEST MANAGEMENT PRACTICES ARE IN COMPLIANCE WITH THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART V.G.2. OF THIS PERMIT.

Plan Page #	Included Y/N	TO BE SHOWN ON ES&PC PLAN
-------------	--------------	---------------------------

AN "EROSION & SEDIMENTATION INSPECTION AND MAINTENANCE REPORT" SHEET IS ATTACHED. SHOULD THE INSPECTION REVEAL ANY DEFICIENCIES, A COPY SHALL BE SENT TO:

ATTN: JANICE WILLIAMS  
???

ATTN: PITTMAN ENGINEERING CO., LLC  
2591 HWY 17S SUITE 303  
RICHMOND HILL, GA 31324  
912-445-0578  
www.PittmanEngineeringCo.com

EC4.1-EC4.2	YES	30. Provide complete requirements of sampling frequency and reporting of sampling results.*
-------------	-----	---

#### STORM WATER SAMPLING:

##### SAMPLING FREQUENCY:

- THE PRIMARY PERMITTEE WITH A TOTAL PLANNED DISTURBANCE EQUAL TO OR GREATER THAN ONE ACRE AND TERTIARY PERMITTEE WITH A TOTAL PLANNED DISTURBANCE EQUAL TO OR GREATER THAN FIVE (5) ACRES, MUST SAMPLE IN ACCORDANCE WITH THE PLAN AT LEAST ONCE FOR EACH RAINFALL EVENT DESCRIBED BELOW. FOR A QUALIFYING EVENT, THE PERMITTEE SHALL SAMPLE AT THE BEGINNING OF ANY STORM WATER DISCHARGE TO A MONITORED RECEIVING WATER AND/OR FROM A MONITORED OUTFALL WITHIN FORTY-FIVE (45) MINUTES OR AS SOON AS POSSIBLE.
  - HOWEVER, WHERE MANUAL AND AUTOMATIC SAMPLING ARE IMPOSSIBLE (AS DEFINED IN THIS PERMIT), OR ARE BEYOND THE PERMITTEE'S CONTROL, THE PERMITTEE SHALL TAKE SAMPLES AS SOON AS POSSIBLE, BUT IN NO CASE MORE THAN TWELVE (12) HOURS AFTER THE BEGINNING OF THE STORM WATER DISCHARGE.
  - SAMPLING BY THE PERMITTEE SHALL OCCUR FOR THE FOLLOWING QUALIFYING EVENTS:
    - FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH WITH A STORM WATER DISCHARGE THAT ALLOWS FOR SAMPLING DURING NORMAL BUSINESS HOURS AS DEFINED IN THIS PERMIT AFTER ALL CLEARING AND GRUBBING OPERATIONS HAVE BEEN COMPLETED, BUT PRIOR TO COMPLETION OF MASS GRADING OPERATIONS, IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE SAMPLING LOCATION;
    - IN ADDITION TO (A) ABOVE, FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH WITH A STORM WATER DISCHARGE THAT OCCURS DURING NORMAL BUSINESS HOURS AS DEFINED IN THIS PERMIT 90 DAYS AFTER THE FIRST SAMPLING EVENT OR AFTER ALL MASS GRADING OPERATIONS HAVE BEEN COMPLETED, BUT PRIOR TO SUBMITTAL OF A NOT, IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE SAMPLING LOCATION, WHICHEVER COMES FIRST;
    - AT THE TIME OF SAMPLING PERFORMED PURSUANT TO (A) AND (B) ABOVE, IF BMP'S IN ANY AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL ARE NOT PROPERLY DESIGNED, INSTALLED AND MAINTAINED, CORRECTIVE ACTION SHALL BE TAKEN IMMEDIATELY. THE PERMITTEE SHALL SUBMIT A WRITTEN JUSTIFICATION IN THE INSPECTION REPORT OF WHY SAMPLING WAS NOT PERFORMED. PROVIDING THIS JUSTIFICATION DOES NOT RELIEVE THE PERMITTEE OF ANY SUBSEQUENT SAMPLING OBLIGATIONS UNDER (A), (B) OR (C) ABOVE; AND
    - EXISTING CONSTRUCTION ACTIVITIES, I.E., THOSE THAT ARE OCCURRING ON OR BEFORE THE EFFECTIVE DATE OF THIS PERMIT, THAT HAVE MET THE SAMPLING REQUIRED BY (A) ABOVE SHALL SAMPLE IN ACCORDANCE WITH (B). THOSE EXISTING CONSTRUCTION ACTIVITIES THAT HAVE MET THE SAMPLING REQUIRED BY (B) ABOVE SHALL NOT BE REQUIRED TO CONDUCT ADDITIONAL SAMPLING OTHER THAN AS REQUIRED BY (C) ABOVE.
- \* NOTE THAT THE PERMITTEE MAY CHOOSE TO MEET THE REQUIREMENTS OF (A) AND (B) ABOVE BY COLLECTING TURBIDITY SAMPLES FROM ANY RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH AND ALLOWS FOR SAMPLING AT ANY TIME OF THE DAY OR WEEK.

##### SAMPLE ANALYSIS:

STORM WATER SAMPLES ARE TO BE ANALYZED IN ACCORDANCE WITH METHODOLOGY AND TEST PROCEDURES ESTABLISHED BY 40 CFR PART 136 AND THE GUIDANCE DOCUMENT TITLED "NPDES STORM WATER SAMPLING GUIDANCE DOCUMENT EPA 833-B-92-001."

STORM WATER IS TO BE SAMPLED FOR NEPHELOMETRIC TURBIDITY UNITS (NTU) AT THE OUTFALL LOCATION. A DISCHARGE OF STORM WATER RUNOFF FROM DISTURBED AREAS WHERE BEST MANAGEMENT PRACTICES HAVE NOT BEEN PROPERLY DESIGNED, INSTALLED, AND MAINTAINED SHALL CONSTITUTE A SEPARATE VIOLATION FOR EACH DAY ON WHICH SUCH CONDITION RESULTS IN THE TURBIDITY OF THE DISCHARGE EXCEEDING 25 THE VALUE THAT WAS SELECTED FROM APPENDIX B IN PERMIT NO. GAR 100001. THIS NTU IS TO BE AVERAGE OF THE ENTIRE DISCHARGE. THE DRAINAGE AREA OF THE PROJECT SITE, THE SURFACE WATER DRAINAGE AREA OF 0.02 (PLUS OR MINUS) SQUARE MILES, AND RECEIVING WATER WHICH SUPPORTS WARM WATER FISHERIES.

##### SAMPLE TYPE

ALL SAMPLING SHALL BE COLLECTED BY "GRAB SAMPLES" AND THE ANALYSIS OF THESE SAMPLES MUST BE CONDUCTED IN ACCORDANCE WITH METHODOLOGY AND TEST PROCEDURES ESTABLISHED BY 40 CFR PART 136 (UNLESS OTHER TEST PROCEDURES HAVE BEEN APPROVED). THE GUIDANCE DOCUMENT TITLED "NPDES STORM WATER SAMPLING GUIDANCE DOCUMENT EPA 833-B-92-001" AND GUIDANCE DOCUMENTS PREPARED BY THE EPD.

PER NPDES PERMIT, GAR 100001, "SAMPLE CONTAINERS SHOULD BE LABELED PRIOR TO COLLECTING THE SAMPLES. SAMPLES SHOULD BE WELL MIXED BEFORE TRANSFERRING TO A SECONDARY CONTAINER. LARGE-MOUTH, WELL CLEANED AND RINSED GLASS OR PLASTIC JARS SHOULD BE USED FOR COLLECTING SAMPLES. THE JARS SHOULD BE CLEANSED THOROUGHLY TO AVOID CONTAMINATION. MANUAL, AUTOMATIC AND RISING STAGE SAMPLING MAY BE UTILIZED."

##### SAMPLING POINTS

THERE WILL BE 1 STORM WATER SAMPLING LOCATION. PER NPDES PERMIT GAR 100001, FOR CONSTRUCTION ACTIVITIES, THE PRIMARY PERMITTEE MUST COMPLETE ALL SAMPLING.

APPENDIX B WAS USED TO DETERMINE THE NTU ALLOWABLE AND UPSTREAM AND DOWNSTREAM SAMPLING WILL BE PERFORMED FOR THIS PROJECT.

- CARE SHOULD BE TAKEN TO AVOID STIRRING THE BOTTOM SEDIMENTS IN THE RECEIVING WATER(S) OR IN THE OUTFALL STORM WATER CHANNEL.
- THE SAMPLING CONTAINER SHOULD BE HELD SO THAT THE OPENING FACES UPSTREAM.
- THE SAMPLINGS SHOULD BE KEPT FREE FROM FLOATING DEBRIS.
- THE PRIMARY PERMITTEE DOES NOT HAVE TO SAMPLE SHEET FLOW ONTO UNDISTURBED NATURAL AREAS OR AREAS STABILIZED BY THE PROJECT.

##### REPORTING:

- THE APPLICABLE PERMITTEES ARE REQUIRED TO SUBMIT THE SAMPLING RESULTS TO THE EPD AT THE ADDRESS SHOWN IN PART II.C. BY THE FIFTEENTH DAY OF THE MONTH FOLLOWING THE REPORTING PERIOD. REPORTING PERIODS ARE MONTHS DURING WHICH SAMPLES ARE TAKEN IN ACCORDANCE WITH THIS PERMIT. SAMPLING RESULTS SHALL BE IN A CLEARLY LEGIBLE FORMAT. UPON WRITTEN NOTIFICATION, EPD MAY REQUIRE THE APPLICABLE PERMITTEE TO SUBMIT THE SAMPLING RESULTS ON A MORE FREQUENT BASIS. SAMPLING AND ANALYSIS OF ANY STORM WATER DISCHARGE(S) OR THE RECEIVING WATER(S) BEYOND THE MINIMUM FREQUENCY STATED IN THIS PERMIT MUST BE REPORTED IN A SIMILAR MANNER TO THE EPD. THE SAMPLING REPORTS MUST BE SIGNED IN ACCORDANCE WITH PART V.G.2. SAMPLING REPORTS MUST BE SUBMITTED TO EPD UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI. A MONTHLY SUMMARY OF THE MONITORING RESULTS SHALL BE SENT TO THE COASTAL DISTRICT OF THE GEORGIA EPD AND CHATHAM COUNTY AND PITTMAN ENGINEERING CO. BY THE 15TH OF EACH MONTH. MONITORING TO BE PERFORMED BY JANICE WILLIAMS, OR THEIR DESIGNATED REPRESENTATIVES.
- ALL SAMPLING REPORTS SHALL INCLUDE THE FOLLOWING INFORMATION:
  - THE RAINFALL AMOUNT, DATE, EXACT PLACE AND TIME OF SAMPLING OR MEASUREMENTS;
  - THE NAME(S) OF THE INDIVIDUAL(S) WHO PERFORMED THE SAMPLING AND MEASUREMENTS;
  - THE DATE(S) ANALYSIS WERE PERFORMED;
  - THE TIME(S) ANALYSIS WERE INITIATED;
  - THE NAME(S) OF THE INDIVIDUALS WHO PERFORMED THE ANALYSES;
  - REFERENCES AND WRITTEN PROCEDURES, WHEN AVAILABLE FOR THE ANALYTICAL TECHNIQUES OR METHODS USED;
  - THE RESULTS OF SUCH ANALYSIS INCLUDING THE BENCH SHEETS, INSTRUMENT READOUTS, COMPUTER DISKS OR TAPES, ETC., USED TO DETERMINE THESE RESULTS;
  - RESULTS WHICH EXCEEDED 1000 NTU SHALL BE REPORTED AS "EXCEEDED 1000 NTU;" AND
  - CERTIFICATION STATEMENT THAT SAMPLING WAS CONDUCTED AS PER THE PLAN.
- ALL WRITTEN CORRESPONDENCE REQUIRED BY THIS PERMIT SHALL BE SUBMITTED BY RETURN RECEIPT CERTIFIED MAIL (OR SIMILAR SERVICE) TO THE APPROPRIATE DISTRICT OFFICE OF THE EPD ACCORDING TO THE SCHEDULE IN APPENDIX A OF THIS PERMIT. THE APPLICABLE PERMITTEES SHALL RETAIN A COPY OF THE PROOF OF SUBMITTAL AT THE CONSTRUCTION SITE OR THE PROOF OF SUBMITTAL SHALL BE READILY AVAILABLE AT A DESIGNATED LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI. IF AN ELECTRONIC SUBMITTAL IS PROVIDED BY EPD THEN THE WRITTEN CORRESPONDENCE MAY BE SUBMITTED ELECTRONICALLY; IF REQUIRED, A PAPER COPY MUST ALSO BE SUBMITTED BY RETURN RECEIPT CERTIFIED MAIL OR SIMILAR SERVICE. IF NO QUALIFYING EVENTS OCCURRED WITHIN A MONTHLY MONITORING PERIOD, A REPORT MUST BE SUBMITTED STATING SUCH.

GOVERNING AGENCY:  
COASTAL DISTRICT - BRUNSWICK OFFICE  
GEORGIA ENVIRONMENTAL PROTECTION DIVISION  
400 COMMERCE CENTER DRIVE  
BRUNSWICK, GA 31523-8251  
(912) 264-7284

GOVERNING AGENCY:  
CITY OF PORT WENTWORTH  
DEPARTMENT OF PUBLIC WORKS  
305 SOUTH COASTAL HIGHWAY  
PORT WENTWORTH, GA 31407  
912-445-0578

OWNER CONTACT:  
JANICE WILLIAMS  
???

ATTN: PITTMAN ENGINEERING CO., LLC  
2591 HWY 17S SUITE 303  
RICHMOND HILL, GA 31324  
912-445-0578  
www.PittmanEngineeringCo.com

REVISIONS	BY	DATE
-----------	----	------

RAY A. PITTMAN, P.E.  
GSWCC LEVEL II  
DESIGN PROFESSIONAL  
CERTIFICATION #12469

**Pittman Engineering Co., LLC**  
2591 Hwy 17S Suite 303  
Richmond Hill, GA 31324  
912-445-0578  
www.PittmanEngineeringCo.com

**SED. & EROSION CONTROL NOTES**

**NEWPORT SQUARE TOWNHOMES**  
PORT WENTWORTH, GEORGIA 31407???

Prepared For  
**COOPERS HILLS, LLC**

Project No. 17-117  
Drawn By: MJS  
Designed By: RAP  
Checked By: RAP  
Scale: N.T.S.  
Date: 4/9/18

SHEET  
**EC4.1**

# EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST STAND ALONE CONSTRUCTION PROJECTS

SWCD: COASTAL

Project Name: NEWPORT SQUARE TOWNHOMES

Address: PORT WENTWORTH, GEORGIA 31407???

Date on Plans: 4/9/18

City/County: CITY OF PORT WENTWORTH

Plan Page #	Included Y/N	TO BE SHOWN ON ES&PC PLAN
-------------	--------------	---------------------------

EC4.2	YES
-------	-----

31. Provide complete details for retention of records as per Part IV.F. of the permit.\*

### RETENTION OF RECORDS:

- THE PRIMARY PERMITEE SHALL RETAIN THE FOLLOWING RECORDS AT THE CONSTRUCTION SITE (OR THE RECORDS SHALL BE READILY AVAILABLE AT THE DESIGNATED ALTERNATE LOCATION) FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOTICE OF TERMINATION IS SUBMITTED IN ACCORDANCE WITH PART VI.
  - A COPY OF NOTICES OF INTENT SUBMITTED TO EPD.
  - A COPY OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN REQUIRED BY THIS PERMIT.
  - THE DESIGN PROFESSIONAL'S REPORT OF THE RESULTS OF THE INSPECTION CONDUCTED IN ACCORDANCE WITH PART IV.A.5 OF THIS PERMIT.
  - A COPY OF ALL MONITORING INFORMATION, RESULTS AND REPORTS REQUIRED BY THIS PERMIT.
  - A COPY OF ALL INSPECTION REPORTS GENERATED IN ACCORDANCE WITH PART IV.D.4.(c) OF THIS PERMIT.
  - A COPY OF VIOLATION SUMMARIES AND VIOLATION SUMMARY REPORTS GENERATED IN ACCORDANCE WITH PART III.D.2 OF THIS PERMIT.
  - DAILY RAINFALL INFORMATION COLLECTED IN ACCORDANCE WITH PART IV.D.4.(c)(1)(c) OF THIS PERMIT.
- COPIES OF ALL NOTICES OF INTENT, NOTICE OF TERMINATION, REPORTS, PLANS, MONITORING INFORMATION (INCLUDING ALL CALIBRATION AND MAINTENANCE RECORDS AND ALL ORIGINAL STRIP CHART RECORDINGS FOR CONTINUOUS MONITORING INSTRUMENTATION), EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT TO BE COVERED BY THIS PERMIT AND ALL OTHER RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED BY THE PERMITEE WHO EITHER PRODUCED OR USED IT FOR A PERIOD OF AT LEAST 3 YEARS FROM THE DATE THAT THE NOTICE OF TERMINATION IS SUBMITTED IN ACCORDANCE WITH PART VI OF THIS PERMIT. THESE RECORDS MUST BE MAINTAINED AT THE PERMITEE'S PRIMARY PLACE OF BUSINESS (OR AT A DESIGNATED ALTERNATE LOCATION) ONCE THE CONSTRUCTION ACTIVITY HAS CEASED AT THE PERMITTED SITE. THIS PERIOD MAY BE EXTENDED BY REQUEST BY THE EPD AT ANY TIME UPON WRITTEN REQUEST TO THE PERMITEE.

### COMPLIANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS:

THE CONTRACTOR WILL OBTAIN COPIES OF ANY AND ALL LOCAL AND STATE REGULATIONS THAT ARE APPLICABLE TO STORM WATER MANAGEMENT, EROSION CONTROL, AND POLLUTION MINIMIZATION AT THIS JOB SITE AND WILL COMPLY FULLY WITH SUCH REGULATIONS. THE CONTRACTOR WILL SUBMIT WRITTEN EVIDENCE OF SUCH COMPLIANCE IF REQUESTED BY THE OWNER OR ANY AGENCY OF A REGULATORY BODY. THE CONTRACTOR WILL COMPLY WITH ALL CONDITIONS OF ANY AND ALL LOCAL, STATE AND FEDERAL AGENCIES THAT HAVE GOVERNING AUTHORITY, INCLUDING THE CONDITIONS RELATED TO MAINTAINING THE ESPCP AND EVIDENCE OF COMPLIANCE WITH THE ESPCP AT THE JOB SITE AND ALLOWING REGULATORY PERSONNEL ACCESS TO THE JOB SITE AND TO RECORDS IN ORDER TO DETERMINE COMPLIANCE.

EC4.2	YES
-------	-----

32. DESCRIPTION OF ANALYTICAL METHODS TO BE USED TO COLLECT AND ANALYZE THE SAMPLES FROM EACH LOCATION.\*

#### STORM WATER SAMPLING

#### SAMPLE ANALYSIS

STORM WATER SAMPLES ARE TO BE ANALYZED IN ACCORDANCE WITH METHODOLOGY AND TEST PROCEDURES ESTABLISHED BY 40 CFR PART 136 AND THE GUIDANCE DOCUMENT TITLED "NEDES STORM WATER SAMPLING GUIDANCE DOCUMENT EPA 833-B-92-001."

STORM WATER IS TO BE SAMPLED FOR NEPHELOMETRIC TURBIDITY UNITS (NTU) AT THE OUTFALL LOCATION. A DISCHARGE OF STORM WATER RUNOFF FROM DISTURBED AREAS WHERE BEST MANAGEMENT PRACTICES HAVE NOT BEEN PROPERLY DESIGNED, INSTALLED, AND MAINTAINED SHALL CONSTITUTE A SEPARATE VIOLATION FOR EACH DAY ON WHICH SUCH CONDITION RESULTS IN THE TURBIDITY OF THE DISCHARGE EXCEEDING 75. THE VALUE THAT WAS SELECTED FROM APPENDIX B IN PERMIT NO. GAR 100001. THE NTU IS BASED UPON THE DISTURBED ACREAGE OF 1.3 ACRES FOR THE PROJECT SITE, THE SURFACE WATER DRAINAGE AREA OF 0.02 (PLUS OR MINUS) SQUARE MILES, AND RECEIVING WATER WHICH SUPPORTS WARM WATER FISHERIES.

SITE SIZE (ACRES)	APPENDIX B Nephelometric Turbidity Unit (NTU) Table Warm Water (Supporting Warm Water Fisheries)						
	0-4.99	5-9.99	10-24.99	25-49.99	50-99.99	100-249.99	250-499.99
1.00-10	75	150	200	400	750	750	750
10.01-25	50	100	100	200	300	500	750
25.01-50	50	50	100	100	200	300	750
50.01-100	50	50	50	100	100	150	300
100.01+	50	50	50	50	50	100	200

EC4.2	YES
-------	-----

33. Appendix B rationale for NTU values at all outfall sampling points where applicable.\* FOR A DISTURBED ACREAGE SIZE OF 1.3 ACRES AND WATERS SUPPORTING WARM WATER FISHERIES DRAINAGE AREA LESS THAN 9 SQUARE MILES, THE NTU VALUE TO USE IN PART III.D.4. IS 75 NTU.

EC1.0-EC3.0	YES
-------------	-----

34. Delineate all sampling locations if applicable, perennial and intermittent streams and other water bodies into which storm water is discharged. \*

EC1.0-EC3.0	YES
-------------	-----

35. A description of appropriate controls and measures that will be implemented at the construction site including: (1) Initial Sediment Storage Requirements and Perimeter Control BMPs, (2) Intermediate Grading and Drainage BMPs, and (3) Final BMPs. For construction sites where there will be no mass grading and the Initial Perimeter Control BMPs, Intermediate Grading and Drainage BMPs, and Final BMPs are the same, the plan may combine all of the BMPs into a single phase.\*

EC1.0-EC3.0	YES
-------------	-----

36. Graphic scale and North arrow.

EC1.0-EC3.0	YES
-------------	-----

37. Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following:

Map Scale	Ground Slope	Contour Intervals, ft.
1 inch = 100ft or larger scale	Flat 0 - 2% Rolling 2 - 8% Steep 8% +	0.5 or 1 1 or 2 2.5 or 10

N/A	NO
-----	----

38. Use of alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (unless disapproved by EPD or the Georgia Soil and Water Conservation Commission). Please refer to the Alternative BMP Guidance Document found at www.goswcc.org.

N/A	NO
-----	----

39. Use of alternative BMP for application to the Equivalent BMP List. Please refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition.\*

Plan Page #	Included Y/N	TO BE SHOWN ON ES&PC PLAN
-------------	--------------	---------------------------

EC1.0-EC3.0 EC4.2	NO
----------------------	----

40. Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to State waters and any additional buffers required by the Local Issuing Authority. Clearly note and delineate all areas of impact. THERE ARE STATE WATERS LOCATED ON OR WITHIN 200' OF THIS PROJECT SITE. BUFFERS ARE NOT REQUIRED SINCE THERE IS NO WRESTED VEGETATION.

EC1.0-EC3.0 EC4.2	YES
----------------------	-----

41. Delineation of on-site wetlands and all State waters located on and within 200 feet of the project site. THERE ARE ON-SITE WETLANDS OR STATE WATERS LOCATED ON OR WITHIN 200' OF THIS PROJECT SITE.

N/A	NO
-----	----

42. Delineation and acreage of contributing drainage basins on the project site. SEE SEPARATE HYDROLOGY REPORT.

N/A	NO
-----	----

43. Provide hydrology study and maps of drainage basins for both the pre- and post-developed conditions.\* SEE SEPARATE HYDROLOGY REPORT.

EC4.2	YES
-------	-----

44. An estimate of the Runoff Coefficient or Peak Discharge Flow of the site prior to and after construction activities are completed. RUNOFF CURVE NUMBER (SCS METHOD USED): PRE-DEVELOPMENT: CN=77 POST-DEVELOPMENT: CN=87

EC1.0-EC3.0	YES
-------------	-----

45. Storm-Drain Pipe and Weir Velocities with appropriate Outlet Protection to accommodate discharges without erosion. Identify/Delineate all Storm Water Discharge Points.

EC1.0-EC3.0 EC4.2	YES
----------------------	-----

46. Soil series for the project site and their delineation.

#### SOILS LEGEND:

Symbol	Name	Rating
Cc	Cape Fear	C/D

EC1.0-EC3.0	YES
-------------	-----

47. The Limits of Disturbance for each phase of construction.

EC1.0-EC3.0 EC4.2	YES
----------------------	-----

48. Provide a minimum of 67 Cubic Yards of sediment storage per acre drained using a Temporary Sediment Basin, Retrofitted Detention Pond, and/or Excavated Inlet Sediment Traps for each common drainage location. Sediment Storage Volume must be in place prior to and during all land disturbance activities until final stabilization of the site has been achieved. A written justification explaining the decision to use equivalent controls when a Sediment Basin is not attainable must be included in the plan for each common drainage location in which a Sediment Basin is not provided. A written justification as to why 67 Cubic Yards of storage is not attainable must also be given. Worksheets from the Manual must be included for structural BMPs and all calculations used by the Design Professional to obtain the required sediment storage when using equivalent controls. When discharging from sediment basins and impoundments, permittees are required to utilize Outlet Structures that withdraw water from the surface, unless infeasible. If Outlet Structures that withdraw water from the surface are not feasible, a written justification explaining this decision must be included in the plan.

#### 67 CY SEDIMENT STORAGE PER DISTURBED ACRE REQUIREMENT

- TOTAL PROJECT ACREAGE = 1.47 ACRES.
- TOTAL DISTURBED ACREAGE = 1.3 ACRES.
- TOTAL REQUIRED SEDIMENT STORAGE: 1.3 ACRES X 67 c.y./Ac. = 87 c.y.
- THIS PROJECT WILL UTILIZE ONE TEMPORARY SEDIMENT TRAP FOR THE SEDIMENT STORAGE REQUIREMENT.

EC1.0-EC3.0 EC5.0-EC5.1	YES
----------------------------	-----

49. Location of Best Management Practices that are consistent with and no less stringent than the Manual for Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual, Chapter 6, with legend.

EC5.0-EC5.1	YES
-------------	-----

50. Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelines set forth in the Manual for Erosion and Sediment Control in Georgia.

Plan Page #	Included Y/N	TO BE SHOWN ON ES&PC PLAN
-------------	--------------	---------------------------

EC5.0	YES
-------	-----

51. Provide Vegetative Plan, noting all temporary and permanent vegetative practices. Include species, planting dates and seeding, fertilizer, lime and mulching rates. Vegetative Plan shall be site specific for appropriate time of year that seeding will take place and for the appropriate geographic region of Georgia.

#### LIME RATES AND ANALYSIS

- AGRICULTURAL LIME SHALL BE APPLIED AT THE RATE OF ONE TO TWO TONS PER ACRE UNLESS SOIL TESTS INDICATE OTHERWISE. GRADED AREAS REQUIRE LIME APPLICATION. IF LIME IS APPLIED WITHIN SIX MONTHS OF PLANTING PERENNIAL VEGETATION, ADDITIONAL LIME IS NOT REQUIRED. AGRICULTURAL LIME SHALL BE WITHIN THE SPECIFICATIONS OF THE GEORGIA DEPARTMENT OF AGRICULTURE.

MULCHING (MULCHING IS REQUIRED FOR ALL PERENNIAL VEGETATION APPLICATIONS). MULCH APPLIED TO SEEDING AREAS SHALL ACHIEVE 75% SOIL COVER. SELECT THE MULCHING MATERIAL FROM THE FOLLOWING AND APPLY AS INDICATED:

- DRY STRAW OR DRY HAY OF GOOD QUALITY AND FREE OF WEED SEEDS CAN BE USED. DRY STRAW SHALL BE APPLIED AT THE RATE OF TWO TONS PER ACRE. DRY HAY SHALL BE APPLIED AT THE RATE OF 2-1/2 TONS PER ACRE.
- WOOD CELLULOSE MULCH OR WOOD PULP FIBER SHALL BE USED WITH HYDRAULIC SEEDING. IT SHALL BE APPLIED AT A RATE OF 500 POUNDS PER ACRE. DRY STRAW OR DRY HAY SHALL BE APPLIED (AT THE RATE INDICATED BELOW) AFTER HYDRAULIC SEEDING.
- ONE THOUSAND POUNDS OF WOOD CELLULOSE OR WOOD PULP FIBER, WHICH INCLUDES TACKIFIER, SHALL BE USED WITH HYDRAULIC SEEDING ON SLOPES 4:1 OR STEEPER.
- SERICEA LESPEDEZA HAY CONTAINING MATURE SEED SHALL BE APPLIED AT A RATE OF 3 TONS PER ACRE.
- PINE STRAW OR PINE BARK SHALL BE APPLIED AT A THICKNESS OF 3 INCHES FOR BEDDING PURPOSES. OTHER SUITABLE MATERIALS IN SUFFICIENT QUANTITY MAY BE USED WHERE ORNAMENTALS OR OTHER GROUND COVERS ARE PLANTED. THIS IS NOT APPROPRIATE FOR SEEDING AREAS.
- WHEN USING TEMPORARY EROSION CONTROL BLANKETS OR BLACK SOD, MULCH IS NOT REQUIRED.

#### FERTILIZER REQUIREMENTS

TYPE OF SPECIES	YEAR	ANALYSIS OR EQUIVALENT N-P-K	RATE	N TOP DRESSING RATE
1. COOL SEASON GRASSES	FIRST MAINTENANCE	6-12-12	1500lbs./ac.	50-100 lbs./ac. *1 & *2
	SECOND MAINTENANCE	6-12-12 10-10-10	1000lbs./ac. 400 lbs./ac.	- 30
2. COOL SEASON GRASSES AND LEGUMES	FIRST MAINTENANCE	6-12-12	1500lbs./ac.	50-100 lbs./ac. *1
	SECOND MAINTENANCE	0-10-10 10-10-10	1000lbs./ac. 400 lbs./ac.	- -
3. GROUND COVERS	FIRST MAINTENANCE	10-10-10	1300lbs./ac.	-
	SECOND MAINTENANCE	10-10-10	1300lbs./ac. 1100 lbs./ac.	- *3
4. PINE SEEDLINGS	FIRST	20-10-5	ONE 21-GRAM PELLET PER SEEDLING PLACED IN THE CLOSING HOLE	-
5. SHRUB LESPEDEZA	FIRST MAINTENANCE	0-10-10	700lbs./ac.	-
	SECOND MAINTENANCE	0-10-10	700lbs./ac.	*4
6. TEMPORARY COVER CROPS SEEDED ALONE	FIRST	10-10-10	500lbs./ac.	30 lbs./ac. *5
7. WARM SEASON GRASSES	FIRST MAINTENANCE	6-12-12	1500lbs./ac.	50-100 lbs./ac. *2 & *6
	SECOND MAINTENANCE	6-12-12 10-10-10	800lbs./ac. 400 lbs./ac.	50-100 lbs./ac. 30 lbs./ac. *2
8. WARM SEASON GRASSES AND LEGUMES	FIRST MAINTENANCE	6-12-12	1500lbs./ac.	50-100 lbs./ac. *6
	SECOND MAINTENANCE	0-10-10 10-10-10	1000lbs./ac. 400 lbs./ac.	- -

- \*1 APPLY IN SPRING FOLLOWING SEEDING.
- \*2 APPLY IN SPLIT APPLICATIONS WHEN HIGH RATES ARE USED.
- \*3 APPLY IN 3 SPLIT APPLICATIONS.
- \*4 APPLY WHEN PLANTS ARE PRUNED.
- \*5 APPLY TO GRASS SPECIES ONLY.
- \*6 APPLY WHEN PLANTS GROW TO A HEIGHT OF 2 TO 4 INCHES.

REV	REVISIONS	BY	DATE

RAY A. PITTMAN, P.E.  
GSWCC LEVEL II  
DESIGN PROFESSIONAL  
CERTIFICATION #12469

**Pittman Engineering Co., LLC**  
2591 Hwy 17S Suite 303  
Richmond Hill, GA 31324  
912-445-0578  
www.PittmanEngineeringCo.com

**SED. & EROSION CONTROL NOTES**  
**NEWPORT SQUARE TOWNHOMES**  
PORT WENTWORTH, GEORGIA 31407???

Prepared For  
**COOPERS HILLS, LLC**

Project No. 17-117  
Drawn By: MJS  
Designed By: RAP  
Checked By: RAP  
Scale: N.T.S.  
Date: 4/9/18

SHEET  
**EC4.2**

# GEORGIA UNIFORM CODING SYSTEM

## FOR SOIL EROSION AND SEDIMENT CONTROL PRACTICES GEORGIA SOIL AND WATER CONSERVATION COMMISSION

### STRUCTURAL PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Cd	CHECKDAM			A small temporary barrier or dam constructed across a swale, drainage ditch or area of concentrated flow.
Ch	CHANNEL STABILIZATION			Improving, constructing or stabilizing an open channel, existing stream, or ditch.
Co	CONSTRUCTION EXIT			A crushed stone pad located at the construction site exit to provide a place for removing mud from tires thereby protecting public streets.
Cr	CONSTRUCTION ROAD STABILIZATION			A travelway constructed as part of a construction plan including access roads, subdivision roads, parking areas and other on-site vehicle transportation routes.
Dc	STREAM DIVERSION CHANNEL			A temporary channel constructed to convey flow around a construction site while a permanent structure is being constructed.
Di	DIVERSION			An earth channel or dike located above, below, or across a slope to divert runoff. This may be a temporary or permanent structure.
Dn1	TEMPORARY DOWNDRAIN STRUCTURE			A flexible conduit of heavy-duty fabric or other material designed to safely conduct surface runoff down a slope. This is temporary and inexpensive.
Dn2	PERMANENT DOWNDRAIN STRUCTURE			A paved chute, pipe, sectional conduit or similar material designed to safely conduct surface runoff down a slope.
Fr	FILTER RING			A temporary stone barrier constructed at storm drain inlets and pond outlets.
Ga	GABION			Rock filter baskets which are hand-placed into position forming soil stabilizing structures.
Gr	GRADE STABILIZATION STRUCTURE			Permanent structures installed to protect channels or waterways where otherwise the slope would be sufficient for the running water to form gullies.
Lv	LEVEL SPREADER			A structure to convert concentrated flow of water into less erosive sheet flow. This should be constructed only on undisturbed soils.
Rd	ROCK FILTER DAM			A permanent or temporary stone filter dam installed across small streams or drainageways.
Re	RETAINING WALL			A wall installed to stabilize out and fill slopes where maximum permissible slopes are not obtainable. Each situation will require special design.
Rt	RETRO FITTING			A device or structure placed in front of a permanent stormwater detention pond outlet structure to serve as a temporary sediment filter.
Sd1	SEDIMENT BARRIER			A barrier to prevent sediment from leaving the construction site. It may be sandbags, bales of straw or hay, brush, logs and poles, gravel, or a silt fence.
Sd2	INLET SEDIMENT TRAP			An impounding area created by excavating around a storm drain drop inlet. The excavated area will be filled and stabilized on completion of construction activities.
Sd3	TEMPORARY SEDIMENT BASIN			A basin created by excavation or a dam across a waterway. The surface water runoff is temporarily stored allowing the bulk of the sediment to drop out.
Sd4	TEMPORARY SEDIMENT TRAP			A small temporary pond that drains a disturbed area so that sediment can settle out. The principle feature distinguishing a temporary sediment trap from a temporary sediment basin is the lack of a pipe or riser.
Sk	FLOATING SURFACE SKIMMER			A buoyant device that releases/draws water from the surface of sediment ponds, traps, or basins at a controlled rate of flow.
Spb	SEEP BERM			Linear control device constructed as a diversion perpendicular to the direction of runoff to enhance dissipation and infiltration, while creating multiple sedimentation chambers with the employment of intermediate dikes.

### STRUCTURAL PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Sr	TEMPORARY STREAM CROSSING			A temporary bridge or culvert-type structure protecting a stream or watercourse from damage by crossing construction equipment.
St	STORMDRAIN OUTLET PROTECTION			A paved or short section of riprap channel at the outlet of a storm drain system preventing erosion from the concentrated runoff.
Su	SURFACE ROUGHENING			A rough soil surface with horizontal depressions on a contour or slopes left in a roughened condition after grading.
Tc	TURBIDITY CURTAIN			A floating or staked barrier installed within the water (it may also be referred to as a floating boom, silt barrier, or silt curtain).
Tp	TOPSOILING			The practice of stripping off the more fertile soil, storing it, then spreading it over the disturbed area after completion of construction activities.
Tr	TREE PROTECTION			To protect desirable trees from injury during construction activity.
Wt	VEGETATED WATERWAY OR STORMWATER CONVEYANCE CHANNEL			Paved or vegetative water outlets for diversions, terraces, berms, dikes or similar structures.

### VEGETATIVE PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Bf	BUFFER ZONE			Strip of undisturbed original vegetation, enhanced or restored existing vegetation or the reestablishment of vegetation surrounding an area of disturbance or bordering streams.
Cs	COASTAL DUNE STABILIZATION (WITH VEGETATION)			Planting vegetation on dunes that are denuded, artificially constructed, or re-nourished.
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)			Establishing temporary protection for disturbed areas where seedlings may not have a suitable growing season to produce an erosion retarding cover.
Ds2	DISTURBED AREA STABILIZATION (WITH TEMP SEEDING)			Establishing a temporary vegetative cover with fast growing seedlings on disturbed areas.
Ds3	DISTURBED AREA STABILIZATION (WITH PERM SEEDING)			Establishing a permanent vegetative cover such as trees, shrubs, vines, grasses, or legumes on disturbed areas.
Ds4	DISTURBED AREA STABILIZATION (SOODING)			A permanent vegetative cover using sods on highly erodible or critically eroded lands.
Du	DUST CONTROL ON DISTURBED AREAS			Controlling surface and air movement of dust on construction site, roadways and similar sites.
Fl-Co	FLOCCULANTS AND COAGULANTS			Substance formulated to assist in the solids/liquid separation of suspended particles in solution.
Sb	STREAMBANK STABILIZATION (USING PERM VEGETATION)			The use of readily available native plant materials to maintain and enhance streambanks, or to prevent, or restore and repair small streambank erosion problems.
Ss	SLOPE STABILIZATION			A protective covering used to prevent erosion and establish temporary or permanent vegetation on steep slopes, shore lines, or channels.
Tac	TACKERS AND BINDERS			Substance used to anchor straw or hay mulch by causing the organic material to bind together.

### Ds1 DISTURBED AREA STABILIZATION (WITH MULCH ONLY)

#### DEFINITION

Applying plant residues or other suitable materials not produced on the site to the soil surface.

#### PURPOSE

To reduce runoff and erosion; conserve moisture; prevent surface compaction or crusting; to control undesirable vegetation; to modify soil temperature; to increase biological activity in the soil.

#### SPECIFICATIONS

A. For temporary protection of critical areas without seeding.

This standard applies to graded or cleared areas which may be subjected to erosion for 6 months or less, where seedlings may not have a suitable growing season to produce an erosion retarding cover, but which can be stabilized with a mulch cover.

Site Preparation

1. Grade, as needed and feasible, to permit the use of equipment for applying and anchoring mulch.

2. Install needed erosion control measures as required such as dikes, diversions, berms, terraces and sediment barriers.

3. As needed and feasible, loosen compact soil to a minimum depth of 3 inches.

Mulching Materials

1. Dry straw of hay - spread at a rate of 2 1/2 tons per acre.

2. Wood waste, chips, sawdust or bark-spread 2 to 3 inches deep (about 6 to 0 tons per acre).

3. Erosion control matting or netting, such as excelsior, jute, kenite and plastic matting and netting - applied in accordance with manufacturer's recommendations.

4. Cutback asphalt, slow curing - applied at 1200 gallons per acre (or 1/4 gallon per sq. yd.)

5. Polyethylene film - secured over banks or stockpiled soil material for temporary protection.

Applying and Anchoring Mulch  
1. Apply straw or hay mulch uniformly by hand or mechanically. Anchor as appropriate and feasible. It may be pressed into the soil with a disk harrow with the disk set straight or with a special "pucker disk". The disk may be smooth or serrated and should be 20 inches or more in diameter and 8 to 12 inches apart. The edges of the disk should be dull enough not to cut the mulch but to press it into the soil leaving much of it in an erect position.

2. Spread wood waste uniformly on slopes that are 3:1 and flatter. No anchoring is needed.

3. Commercial matting and netting. Follow manufacturer's specification included with the material.

4. Apply asphalt so area has uniform appearance. (Note: Use in areas of pedestrian traffic could cause problems of "tracking in" or damage to shoes, clothing, etc.)

B. To conserve moisture and control weeds in nurseries, ornamental beds, around shrubs, and on bare areas on lawns.

Mulching Materials

Use one of the material given below and apply at thickness indicated.

Material

1. Grain straw or grass hay 6" to 10"

2. Pine Needles 4" to 6"

3. Wood waste (sawdust, bark, chips) 4" to 6"

4. Shredded residues (crop, leaves, etc.) 4" to 8"

5. Completely cover area with black polyethylene film and hold in place by placing soil on the outer edge.

When using organic mulches, apply 20-30 pounds of nitrogen in addition to the normal amount needed for plant growth to offset the tie up of N by decomposition of mulch.

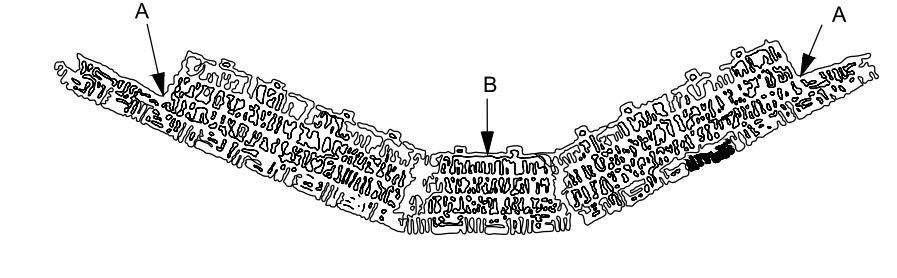
### Ds2 DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDINGS)

PLANTS, PLANTING RATES, AND PLANTING DATES FOR TEMPORARY COVER OR COMPANION CROPS 1/

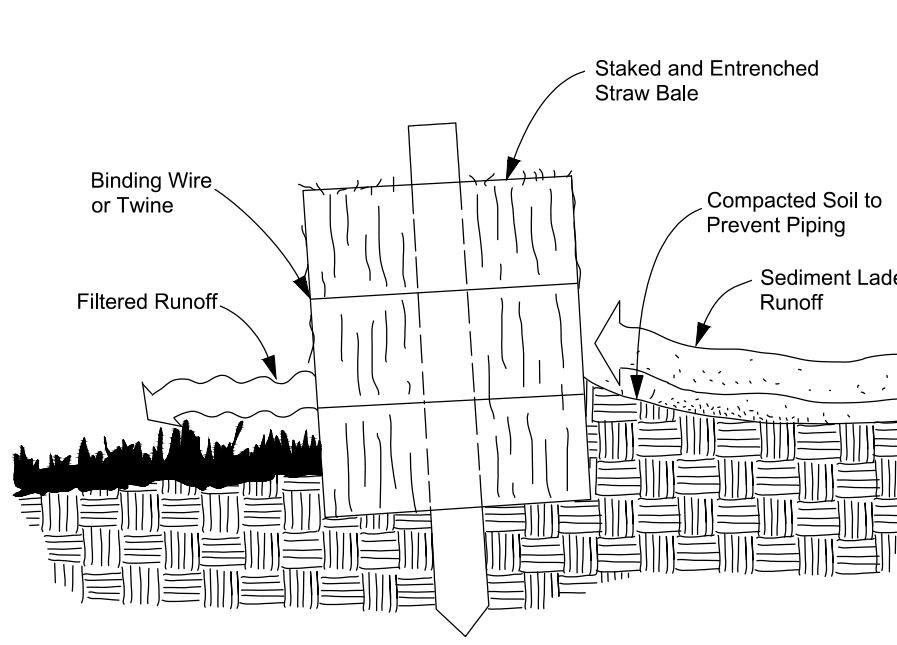
Species	Broadcast Rates 2/-PLS3/		Area	Planting Dates	Remarks
	Per Acre	Per 1000 sq. ft.			
LOVEGRASS, WEEPING (Eragrostis curvula)	4 lbs.	0.1 lb.	M-L C	J F M A M J J A S O N D	1-3000 seed per pound. May test for seed viability. Mix with Serotina lepidocarpa.
RYE (Secale cereale)	4 lbs.	3.9 lb.	M-L C	J F M A M J J A S O N D	18,000 seed per pound. Good on droughty sites. Not recommended for mixtures.
RYEGRASS, ANNUAL (Lolium temerarium)	1/2 lb.	0.6 lb.	M-L P C	J F M A M J J A S O N D	227,000 seed per pound. Dense cover. Very competitive and long-lived. Use in mixtures.
SUDANGRASS (Sorghum sudanense)	60 lbs.	1.4lb.	M-L C	J F M A M J J A S O N D	55,000 seed per pound. Good on droughty sites. Not recommended for mixtures.
TRITICALE (Triticum x hexale)	3 lb.	3.3 lb.	C	J F M A M J J A S O N D	Use on lower part of slope. Good for erosion control. Not recommended for mixtures.

1. Temporary cover crops are very competitive and will crowd perennials if seeded too heavily.
2. Reduce seeding rates by 50% when drilled.
3. PLS is an abbreviation for Pure Live Seed.
4. M-L represents the Mountain; Blue Ridge; and Ridges and Valleys MLRAs

P represents the Southern Piedmont MLRA  
C represents Southern Coastal Plain; Sand Hills; Black Lands; and Atlantic Coast Flatwoods MLRAs



PROPER PLACEMENT OF STRAW BALE BARRIER IN DRAINAGE WAY



HAY BALE DETAIL Cd-Hb

### Ds3 DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION)

PLANTS, PLANTING RATES, AND PLANTING DATES FOR PERMANENT COVER

Species	Broadcast Rates 2/-PLS3/		Area	Planting Dates	Remarks
	Per Acre	Per 1000 sq. ft.			
BERMUDA, COMMON (Cynodon dactylon)	10 lbs.	0.2 lb.	P C	J F M A M J J A S O N D	1,787,000 seed per pound. Quick cover. Low growing and sod forming. Full sun. Good for erosion control.
BERMUDA, COMMON	10 lbs.	0.2 lb.	P C	J F M A M J J A S O N D	Plant with winter annuals.
BERMUDA SPRIGS (Cynodon dactylon)	6 lbs.	0.1 lb.	M-L P C C	J F M A M J J A S O N D	Plant with Tall fescue. A cubic foot contains approximately 800 sprigs. A bushel contains 1.25 cubic feet or approximately 800 sprigs. Same as above Southern Coastal Plain only.
CENTPEDEDE (Eriocaulon octoides)	Block sod only		P C	J F M A M J J A S O N D	Drought tolerant. Full sun or partial shade. Effective adjacent to concrete and in concentrated flow areas. Irrigation is needed until fully established. Do not plant near gutters. Winterhardy as far north as Athens and Atlanta.
LOVEGRASS, WEEPING (Eragrostis curvula)	4 lbs.	0.1 lb.	M-L P C	J F M A M J J A S O N D	1,500,000 Seed per pound. May test for seed viability. Mix with Serotina lepidocarpa.
PANICGRASS, ATLANTIC COASTAL (Panicum amaran var. amarulum)	20 lbs.	0.9 lb.	P C	J F M A M J J A S O N D	Grows well on coastal sand dunes, borrow areas, and gravel pits. Provides winter cover for wildlife. Mix with Serotina lepidocarpa except on sand dunes.
REED CANARY GRASS (Phalaris arundinacea)	50 lbs.	1.1 lb.	M-L P	J F M A M J J A S O N D	Grows similar to Tall fescue.

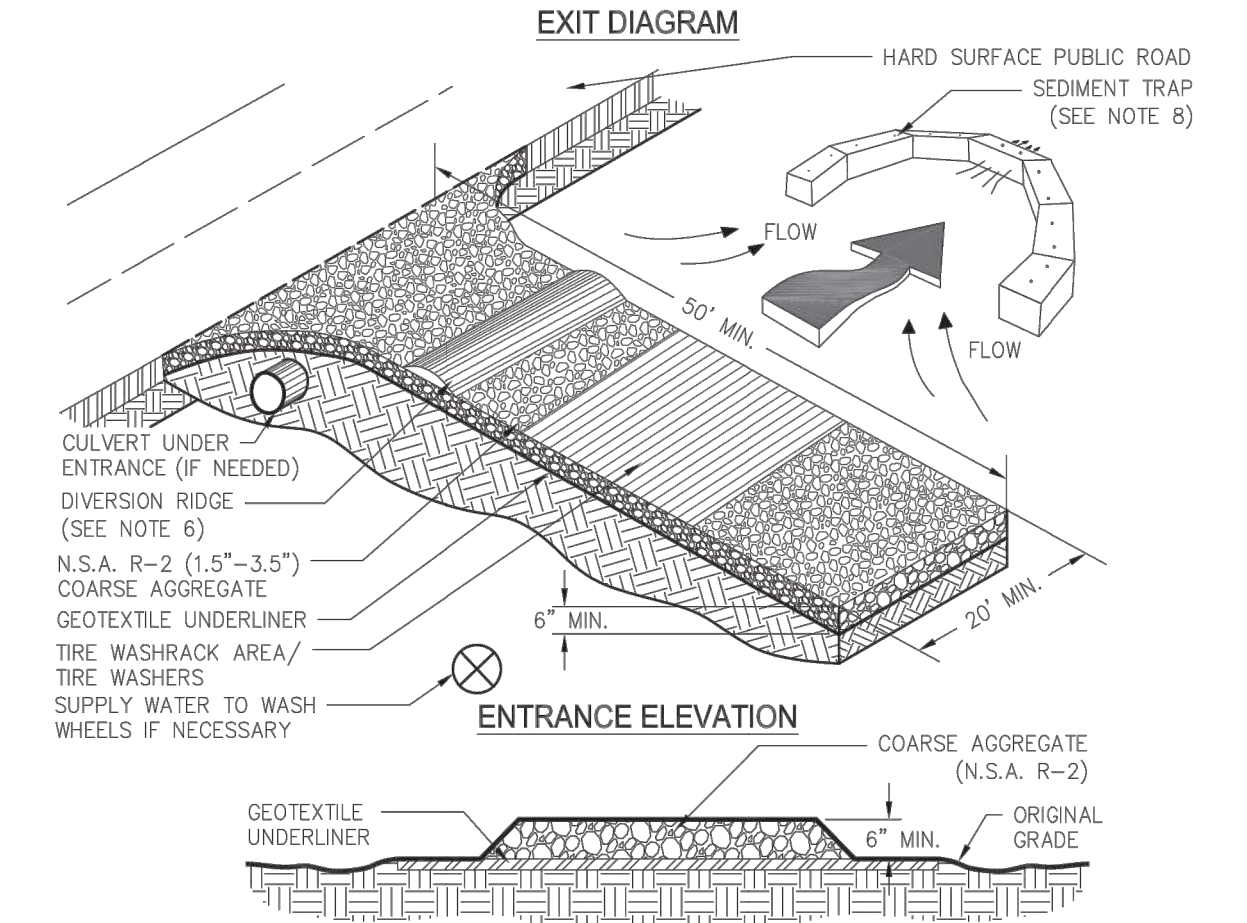
1. Reduce seeding rates by 50% when drilled.
2. PLS is an abbreviation for Pure Live Seed. Refer to Section V.E. of these specifications.
3. M-L represents the Mountain; Blue Ridge; and Ridges and Valleys MLRAs

P represents the Southern Piedmont MLRA  
C represents Southern Coastal Plain; Sand Hills; Black Lands; and Atlantic Coast

### MAINTENANCE

The exit shall be maintained in a condition which will prevent tracking or flow of mud onto public rights-of-way. This may require periodic top dressing with 1.5-3.5 inch stone, as conditions demand, and repair and/or cleanout of any structures to trap sediment. All materials spilled, dropped, washed, or tracked from vehicles or site onto roadways or into storm drains must be removed immediately.

### CRUSHED STONE CONSTRUCTION EXIT



- NOTES:
1. AVOID LOCATING ON STEEP SLOPES OR AT CURVES ON PUBLIC ROADS.
  2. REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA, GRADE, AND CROWN FOR POSITIVE DRAINAGE.
  3. AGGREGATE SIZE SHALL BE IN ACCORDANCE WITH NATIONAL STONE ASSOCIATION R-2 (1.5"-3.5" STONE).
  4. GRAVEL PAD SHALL HAVE A MINIMUM THICKNESS OF 6".
  5. PAD WIDTH SHALL BE EQUAL FULL WIDTH AT ALL POINTS OF VEHICULAR EGRESS, BUT NO LESS THAN 20'.
  6. A DIVERSION RIDGE SHOULD BE CONSTRUCTED WHEN GRADE TOWARD PAVED AREA IS GREATER THAN 2%.
  7. INSTALL PIPE UNDER THE ENTRANCE, IF NEEDED TO MAINTAIN DRAINAGE DITCHES.
  8. WHEN WASHING IS REQUIRED, IT SHOULD BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN (DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE ENTRANCE TO A SEDIMENT CONTROL DEVICE).
  9. WASHRACKS AND/OR TIRE WASHERS MAY BE REQUIRED DEPENDING ON SCALE AND CIRCUMSTANCE. IF NECESSARY, WASHRACK DESIGN MAY CONSIST OF ANY MATERIAL SUITABLE FOR TRUCK TRAFFIC THAT REMOVE MUD AND DIRT.
  10. MAINTAIN AREA IN A WAY THAT PREVENTS TRACKING AND/OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.

Figure 6-14.1

### CONSTRUCTION EXIT

SCALE: N.T.S.

NO.	REVISIONS	BY	DATE

RAY A. PITTMAN, P.E.  
GSWCC LEVEL II  
DESIGN PROFESSIONAL  
CERTIFICATION #12469

**Pittman Engineering Co., LLC**  
2591 Hwy 17S Suite 303  
Richmond Hill, GA 31324  
912-445-0578  
www.PittmanEngineeringCo.com

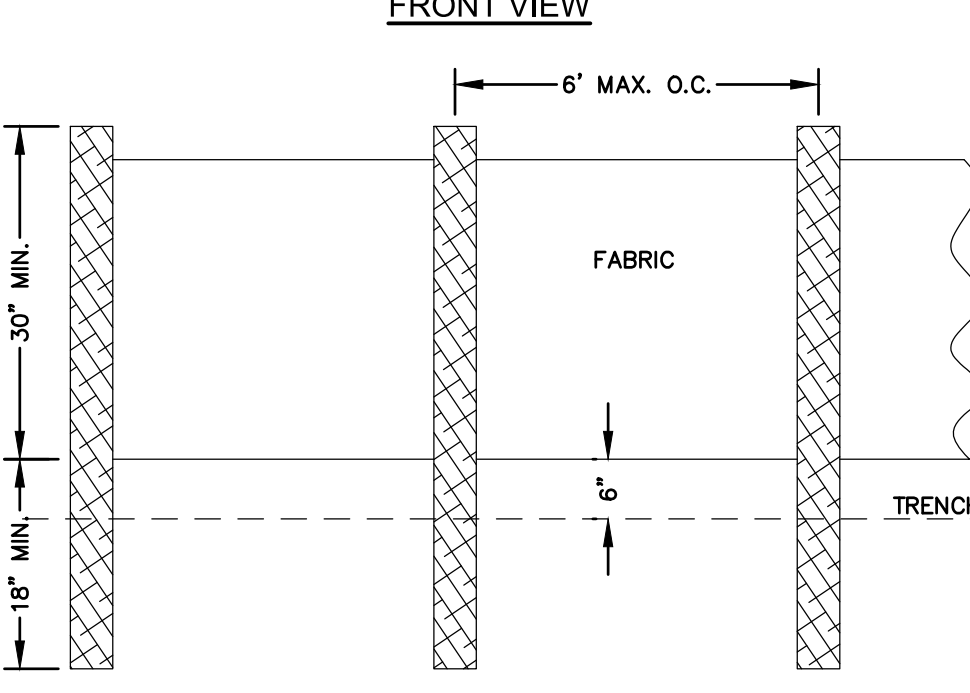
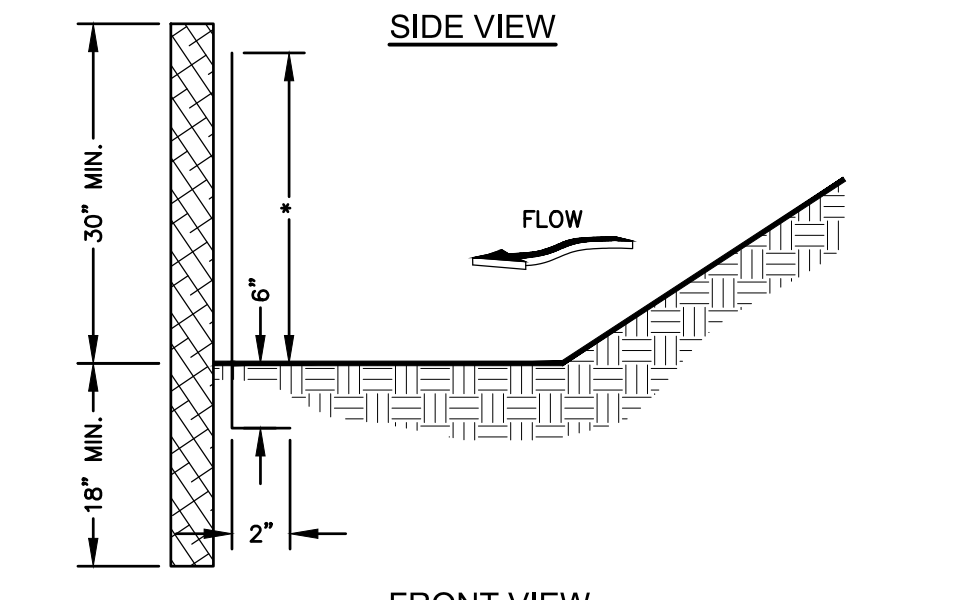
**SED. & EROSION CONTROL DETAILS**  
**NEWPORT SQUARE TOWNHOMES**  
PORT WENTWORTH, GEORGIA 31407777  
Prepared For  
**COOPERS HILLS, LLC**

Project No. 17-117  
Drawn By: **MJS**  
Designed By: **RAP**  
Checked By: **RAP**  
Scale: **N.T.S.**  
Date: **4/9/18**

SHEET  
**EC5.0**

**SEDIMENTATION & EROSION CONTROL PLAN LEGEND**

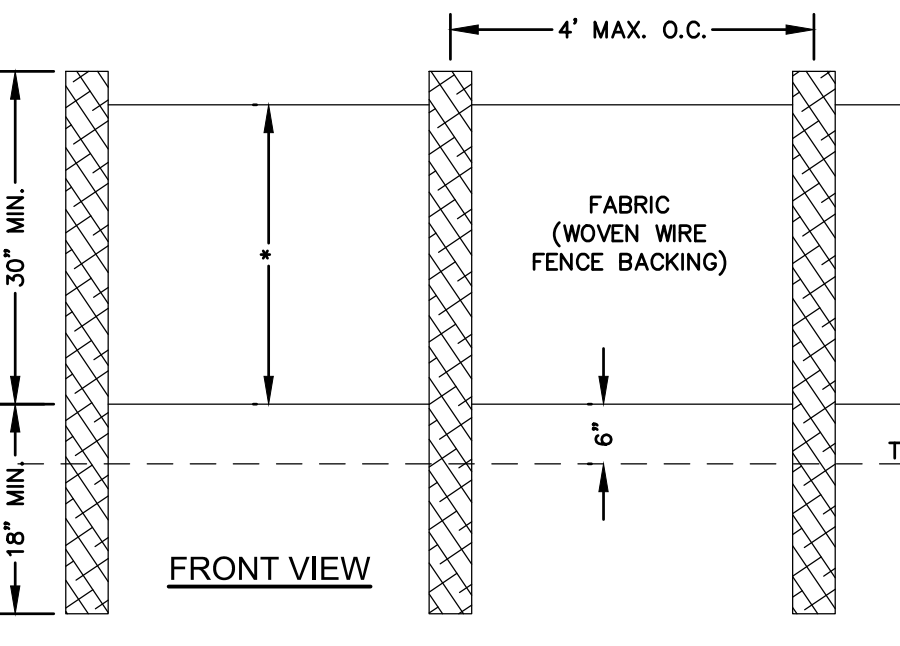
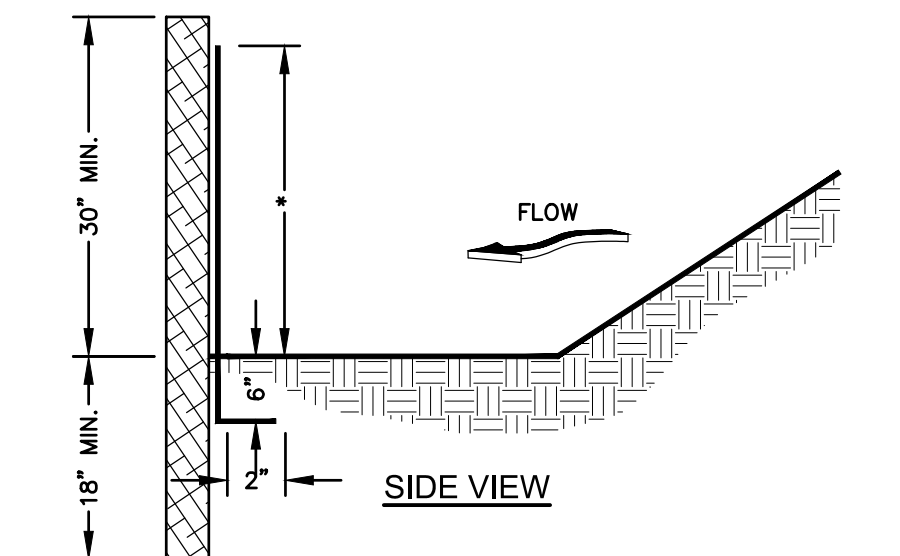
- |  |  |
|--|--|
| TEMPORARY EMBEDDED HAY-BALE CHECK DAM (Cd-Hb)                  | INLET SEDIMENT TRAP (Sd2-F)                                  |
| CONSTRUCTION EXIT (Co)   | TEMPORARY SEDIMENT BARRIER - TYPE "PIG IN A BLANKET" (Sd2-P) |
| CONCRETE WASH-OUT (Cw)   | STORM DRAINAGE OUTLET PROTECTION (St)                        |
| DISTURBED AREA STABILIZATION (WITH MULCHING ONLY) (Ds1)        | TREE PROTECTION (Tp)   |
| DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING) (Ds2)    | STORM WATER DISCHARGE SAMPLING POINT (SW)                    |
| DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION) (Ds3) | STORM WATER DIVERSION (DI)                                   |
| DUST CONTROL ON DISTURBED AREAS (Du)                           | LIMITS OF DISTURBANCE  |
| SLOTTED BOARD DAM WITH STONE-"RETROFIT" (Rt-B)                 | TREE PROTECTION  |
| TEMPORARY SILT FENCE - TYPE "NON-SENSITIVE" (Sd1-NS)           | SOILS<br>SOIL TYPE   SOIL TYPE                               |
| TEMPORARY SILT FENCE - TYPE "SENSITIVE" (Sd1-S)                |  |



- NOTES:**
- USE STEEL OR WOOD POSTS OR AS SPECIFIED BY THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
  - HEIGHT (\*) IS TO BE SHOWN ON THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.

**SILT FENCE - TYPE NON-SENSITIVE**

SCALE: N.T.S.



- NOTES:**
- USE STEEL OR WOOD POSTS OR AS SPECIFIED BY THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
  - HEIGHT (\*) IS TO BE SHOWN ON THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.

**SILT FENCE - TYPE SENSITIVE**

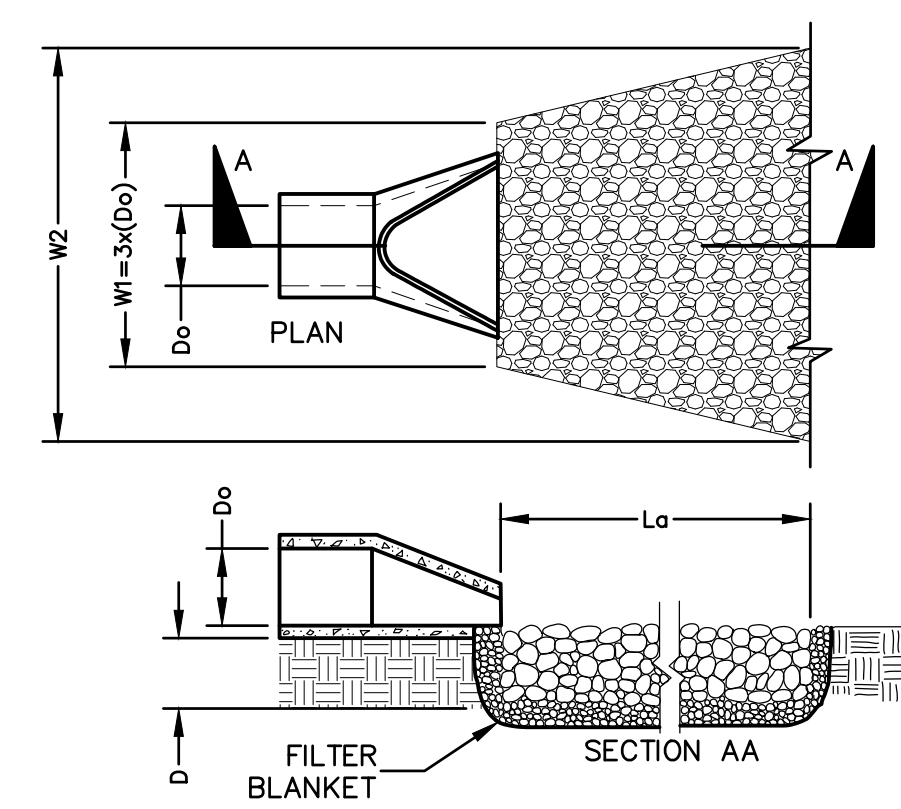
SCALE: N.T.S.

POST SIZE Table 6-27.2			
Minimum Length	Type of Post	Size of Post	
NS	Soft wood	3" dia. or 2x4	
	Oak	1.5" x 1.5"	
	Steel	1.15 lb./ft. min.	
S	Steel	1.15-1.25 lb./ft. min.	
	Oak	2"x2"	

FASTENERS FOR WOOD POSTS Table 6-27.3				
Gauge	Crown	Legs	Staples/Post	
Wire Staples	17 min.	3/4" wide	1/2" long	5 min.
Gauge	Length	Button Heads	Nail/Post	
Nails	14 min.	1"	3/4"	4 min.

**NOTE:**  
Filter fabric may also be attached to the post by wire, cord, and pockets.

**PIPE OUTLET TO FLAT AREA  
NO WELL-DEFINED CHANNEL**

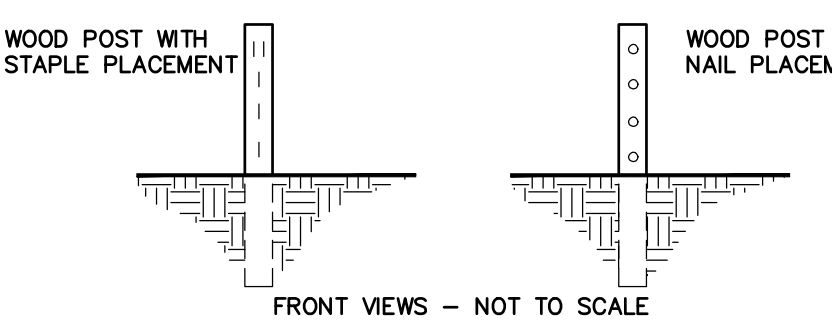
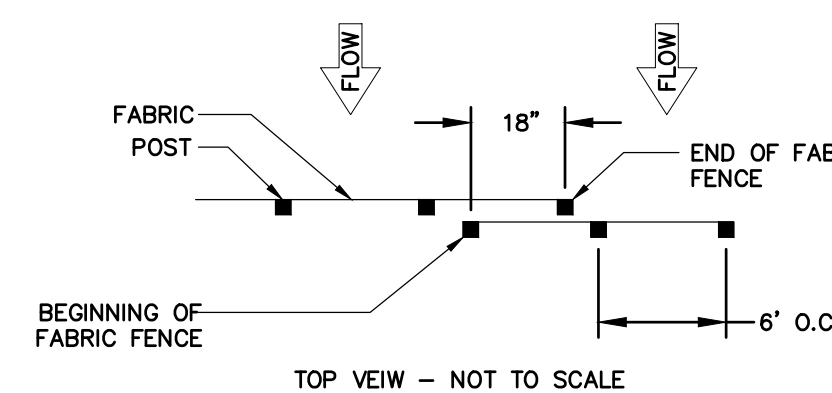


- NOTES:**
- La IS THE LENGTH OF THE RIPRAP APRON.
  - D = 1.5 TIMES THE MAXIMUM STONE DIAMETER BUT NOT LESS THAN 6".
  - IN A WELL-DEFINED CHANNEL EXTEND THE APRON UP THE CHANNEL BANKS TO AN ELEVATION OF 6" ABOVE THE MAXIMUM TAILWATER DEPTH OF TO THE TOP OF THE BANK, WHICHEVER IS LESS.
  - A FILTER BLANKET OR FILTER FABRIC SHOULD BE INSTALLED BETWEEN THE RIPRAP AND SOIL FOUNDATION.

**RIPRAP OUTLET PROTECTION**

SCALE: N.T.S.

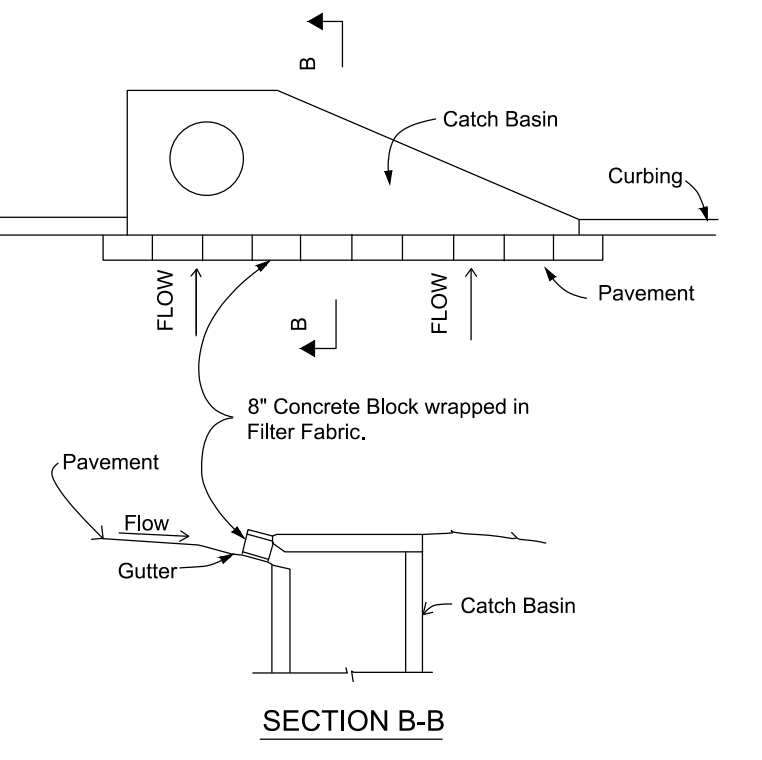
**OVERLAP AT FABRIC ENDS**



- NOTES:**
- THE FABRIC AND WIRE SHOULD BE SECURELY FASTENED TO POSTS AND FABRIC ENDS MUST BE OVERLAPPED A MINIMUM OF 18" OR WRAPPED TOGETHER AROUND A POST TO PROVIDE A CONTINUOUS FABRIC BARRIER AROUND THE INLET.

**FASTENERS FOR SILT FENCES**

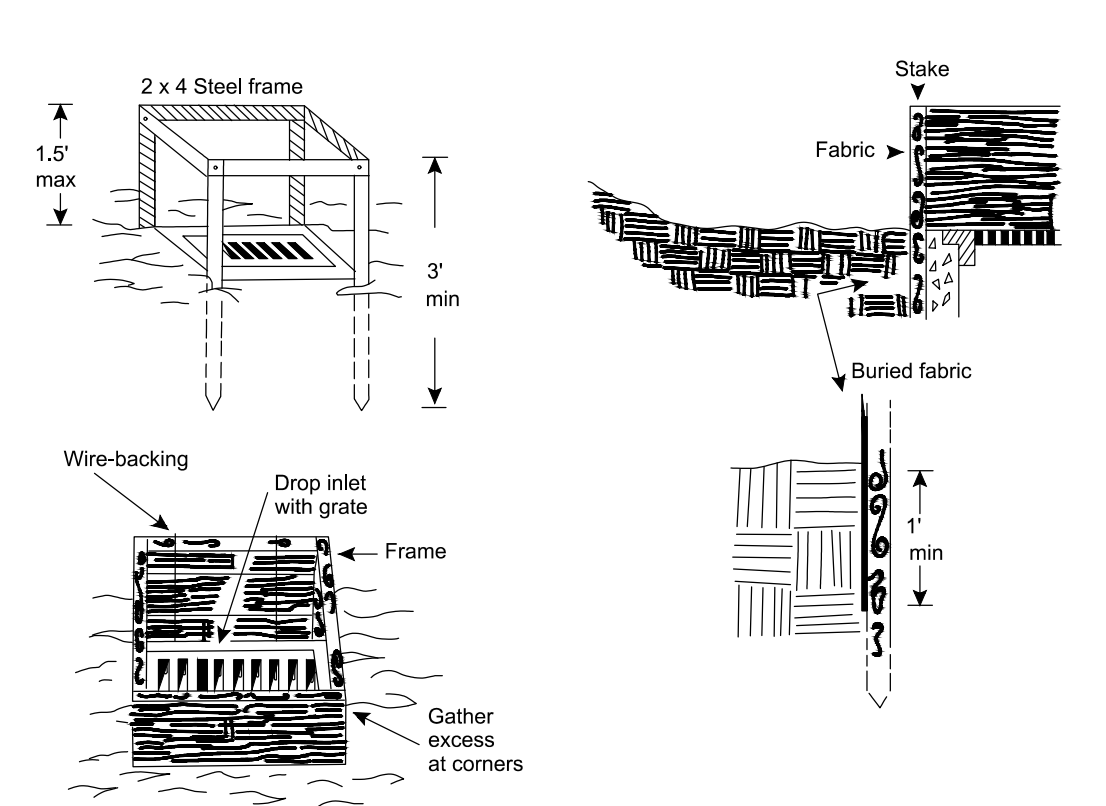
SCALE: N.T.S.



- NOTE:**  
Install filter after any asphalt pavement installation.

**CURB INLET FILTER  
"PIGS IN BLANKET"**

SCALE: N.T.S.



**FABRIC AND SUPPORTING  
FRAME FOR INLET PROTECTION**

SCALE: N.T.S.

NO.	REVISIONS	BY	DATE

RAY A. PITTMAN, P.E.  
GSNCC LEVEL II  
DESIGN PROFESSIONAL  
CERTIFICATION #12469

**Pittman Engineering Co., LLC**  
2591 Hwy 17S Suite 303  
Richmond Hill, GA 31324  
912-445-0578  
www.PittmanEngineeringCo.com

**SED. & EROSION CONTROL DETAILS**  
**NEWPORT SQUARE TOWNHOMES**  
PORT WENTWORTH, GEORGIA 31407???

Prepared For  
**COOPERS HILLS, LLC**

Project No. 17-117  
Drawn By: MJS  
Designed By: RAP  
Checked By: RAP  
Scale: N.T.S.  
Date: 4/9/18

SHEET  
**EC5.1**



**Goodwyn Mills Cawood**

35 Abercorn Street  
Suite 210  
Savannah, GA 31401

T (912) 226-1667

www.gmcnetwork.com

March 14, 2019

Mr. Brian Harvey  
Director of Development Services  
City of Port Wentworth  
305 South Coastal Highway  
Port Wentworth, GA 31407

RE: Newport Square (1<sup>st</sup> Submittal)

Dear Mr. Harvey:

We have reviewed the 1<sup>st</sup> submittal for the referenced project. Below are our comments.

- 1) Show sanitary sewer pipe easements.
- 2) Show water main easements.
- 3) All 8" and larger water valves shall be placed in a manhole (at connection).
- 4) Relocate 8" GV and Manhole from on top of 8" Gravity Sewer.
- 5) Verify existing water main size at connection point.
- 6) Water mains shall be C-900 PVC DR 18 or PC. 350 DIP. Please list on plans.
- 7) Fire Hydrants shall be Clow Medallion. Correct note on sheet C1.1.
- 8) No steps are allowed in storm sewer, sanitary sewer & water valve manholes.
- 9) Submit irrigation plans.
- 10) Provide EPD E&S approval, EPD Water & Sewer approval.
- 11) If disturbing wetlands and/or waters of the state, submit appropriate US Army Corps Permit.
- 12) Handicap Parking location?
- 13) Need more description striping, paving, grading & drainage notes in plan view on C1.3 & C2.1.
- 14) Is curb & gutter being used, if so where and what type?
- 15) Provide Parking lot paving section thicknesses.
- 16) Provide Townhome Driveway paving sections.
- 17) Complete the Owners information, 24-Hour Contact Person & tele. #.
- 18) Correct note #2, Water and Sewer Notes, coordinate with the City of Port Wentworth Public Works Department.
- 19) Correct note #6, Special Notes, roads and drainage is maintained and owned by City of Port Wentworth.
- 20) Correct note #9, General Notes, construction shall conform to The City of Port Wentworth.
- 21) Provide analysis for water system indicating flows and pressures (water model).
- 22) Provide calculations for fire system – required and available fire flow (See Exhibits in Comprehensive Development Manual [CDM] starting on page 17).
- 23) The Coastal Stormwater Supplement needs to be addressed for this site. No details were provided for the Runoff Reduction methods/calculations.
- 24) The "Drainage Calculations" file shows calculation of pre- and post-development peak flow rates for the 25-year event only. It does not show or describe how the higher post-development flow rates will be managed (2.3 CFS Pre & 6.8 CFS Post).

Attachment: Newport Square Townhomes-PIN 7-0976-02-025 preliminary plat GMC 1st submittal comments 3-14-19 (2053 : Subdivision





25) The Comprehensive Development Manual (CDM) states that peak discharge should be controlled for the 2, 5, 10, 25, and 50-year, 24-hour storms. The CDM also lists to provide hydrographs and peak water levels for these events. The 1<sup>st</sup> submission did not include these.

Let us know if there are questions.  
Sincerely,

**GOODWYN MILLS CAWOOD, INC.**

Robert A. Brown, P.E., Ph.D.  
Senior Water Resources Engineer

cc: Michael Hussey, Sundial Land Surveying (via email)



# CITY OF PORT WENTWORTH

## PLANNING COMMISSION

MARCH 11, 2019

Council Meeting Room

Regular Meeting

6:30 PM

305 SOUTH COASTAL HIGHWAY  
PORT WENTWORTH, GA 31407

### 1. CALL MEETING TO ORDER

Chairman Donna Blalock called the meeting to order.

### 2. PRAYER AND PLEDGE OF ALLEGIANCE

Commissioner Rufus Bright led the prayer and the pledge of allegiance.

### 3. ROLL CALL - SECRETARY

Attendee Name	Title	Status	Arrived
Rufus Bright	Planning Commissioner	Present	
Rosetta Franklin	Planning Commissioner	Present	
Donna Blalock	Planning Commission Chairman	Present	
Wanda Rollf	Planning Commissioner	Present	
Maurice Rahn	Planning Commissioner	Present	
Lauree Morris	Planning Commissioner	Present	
CJ Neesmith	Planning Commissioner	Present	
Brian Harvey	Director of Development Services	Present	

### 4. ADOPTION OF MINUTES

A. Planning Commission - Regular Meeting - Feb 11, 2019 6:30 PM

<b>RESULT:</b>	<b>ACCEPTED [UNANIMOUS]</b>
<b>MOVER:</b>	Rufus Bright, Planning Commissioner
<b>SECONDER:</b>	Lauree Morris, Planning Commissioner
<b>AYES:</b>	Bright, Franklin, Rollf, Rahn, Morris, Neesmith

### 5. ZONING MAP AMENDMENTS (REZONING)

### 6. ZONING TEXT AMENDMENTS (ORDINANCES)

### 7. SITE PLAN/SUBDIVISION APPROVAL

A. Site Plan Review Application submitted by Jay Maupin, PE., Maupin Engineering, Inc., on behalf of Neil Sharma, Arya Hospitality, for PIN #: 7-0037-01-027 (305 Raley Road) for a Specific Development Site Plan to allow a Hotel in a P-C-3 (Planned General Business) Zoning District

The applicant asked for this item to be withdrawn and resubmitted for next month. The vote from the Planning Commission was unanimous.

**RESULT:**           **WITHDRAWN [UNANIMOUS]**  
**MOVER:**            Lauree Morris, Planning Commissioner  
**SECONDER:**       Rufus Bright, Planning Commissioner  
**AYES:**             Bright, Franklin, Rolf, Rahn, Morris, Neesmith

- B. Subdivision Application submitted by Michael Hussey, Sundial Land Surveying, PC., on behalf of Coopers Hills, LLC., for PIN #: 7-0976-02-025 (Newport Boulevard) located in a P-RIP (Planned Residential Institutional) Zoning District for a Preliminary Plat of a Major Subdivision (Newport Square Townhomes) for the purpose of Single-Family Townhomes

Mr. Harvey advised the Commission that the application was complete; however, the application is still under technical review by City engineers. The Planning Commission had a detailed discussion regarding the approval of an application still under technical review. The Planning Commission concluded that a recommendation could be made contingent upon final approval by the City's engineers. Commissioner Morris made a motion to approve the application contingent upon final approval by the City's engineers. Commissioner Bright seconded the motion to approve the application contingent upon final approval by the City's engineers. The vote to approve was unanimous.

**RESULT:**           **APPROVED [UNANIMOUS]**  
**MOVER:**            Lauree Morris, Planning Commissioner  
**SECONDER:**       Rufus Bright, Planning Commissioner  
**AYES:**             Bright, Franklin, Rolf, Rahn, Morris, Neesmith

**8. ADJOURNMENT**

There being no further business to discuss, Commissioner Neesmith made a motion to adjourn the meeting. Commissioner Rahn seconded the motion to adjourn.

\_\_\_\_\_  
Chairman

The foregoing minutes are true and correct and approved by me on this \_\_\_\_\_ day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
Secretary

Attachment: Planning Commission Minutes 11 MARCH 2019 draft (2053 : Subdivision Application PRELIMINARY PLAT NEWPORT SQUARE



**City Council**  
305 South Coastal Highway  
Port Wentworth, GA 31407

Meeting: 03/28/19 06:30 PM  
Department: Public Safety  
Category: Budget  
Prepared By: Matt Libby  
Department Head: Matt Libby

**SCHEDULED**

**AGENDA ITEM (ID # 2052)**

DOC ID: 2052

## **Ordinance No. 19-01, Budget Adjustment for FY19, Public Safety Department, for a Vehicle Replacement, First Reading**

Issue/Item: Ordinance No. 19-01, Budget Adjustment for FY19, Public Safety Department, for a Vehicle Replacement, First Reading

Background: On January 29, 2019 Officers of this department pursued a suspect in a car, who was fleeing from Hardeeville SC. The officer lost control of his vehicle and crashed. The vehicle was a 2016 Ford Police Interceptor Sedan, was totaled.

Facts and Findings: The depreciated value of the vehicle is \$14,360.75. At this time we do not have any funds to purchase a vehicle in line item 100.3200.542200 (Vehicles). The cost to replace the vehicle will be \$25,000. We need to transfer the \$25,000 from Fund Balance to line item 100.3200.542200 (Vehicles). The insurance company has accepted responsibility but will only reimburse the City \$14,360.75. This is a difference of \$10,639.25.

We need to replace this vehicle immediately.

Alternatives: N/A

Funding: Transfer from fund balance.

Recommendation: To approve this item.

**ATTACHMENTS:**

- Ordinance No. 19-01, Budget Adjustment FY19, Public Safety (PDF)

### ORDINANCE NO. 19-01

An ORDINANCE to provide for adoption of a budget adjustment containing estimates of expenditure changes for the City of Port Wentworth for the fiscal year beginning July 1, 2018 and ending June 30, 2019.

Be it ordained by the Mayor and Council of the City of Port Wentworth, Georgia, and it is hereby ordained by the authority thereof:

SECTION 1. That for the expenditures of the government and its activities for the fiscal year beginning July 1, 2018 and ending June 30, 2019 the amount in the following sections are hereby amended.

SECTION 2. That for the said fiscal year the General Fund is hereby amended as follows:

General Fund from \$2,212,509 to \$2,187,509

SECTION 3: All ordinances or parts of ordinances in conflict with this ordinance are hereby repealed.

APPROVED BY MAYOR AND COUNCIL OF THE CITY OF PORT WENTWORTH THIS

\_\_\_\_\_ DAY OF \_\_\_\_\_, 2019.

1<sup>st</sup> Reading: \_\_\_\_\_

2<sup>nd</sup> Reading: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Mayor Gary Norton

\_\_\_\_\_  
Clerk of Council

Attachment: Ordinance No. 19-01, Budget Adjustment FY19, Public Safety (2052 : Ordinance No. 19-01, Budget Adjustment for FY19, First