

**ST. PETERSBURG CITY COUNCIL**  
**Meeting of December 7, 2017**  
**REPORT**

**TO:** The Honorable Darden Rice, Chair, and Members of City Council

**SUBJECT:** A resolution approving a partial guaranteed maximum price ("GMP") proposal – balance of the work in the amount of \$18,098,487 for The New St. Petersburg Pier Project ("Project"); approving a GMP Proposal for the addition of three Pier Enhancement elements in the amount of \$2,842,353; accepting the Final GMP proposal in an amount not to exceed \$38,520,687 (which includes (i) the partial GMP proposal – marine structural work approved by City Council on June 1, 2017 and the above referenced partial GMP proposal – balance of the work, which are collectively the base GMP for the Project, and (ii) the above referenced GMP for the addition of three Pier Enhancement elements) submitted by Skanska USA Building, Inc. ("Skanska") on November 17, 2017; authorizing the Mayor or his designee to execute a Third Amendment to the Construction Manager at Risk Agreement with a GMP between the City of St. Petersburg, Florida, and Skanska dated July 13, 2015, as amended ("Contract"), to incorporate the Final GMP proposal into the Contract, revise the disadvantaged worker and apprentices provision to clarify good faith efforts and retainer, and modify other necessary provisions; approving a transfer in the amount of \$3,642,000 from the unappropriated balance of the Downtown Redevelopment District Fund (1105) to the General Capital Improvement Fund (3001) to provide funding for Skanska's Contingency, Unforeseen Conditions Contingency, overall project contingency, and the three Pier Enhancements (the Plaza Pavilion, the enhanced Splash Pad, and the additional Breakwater); authorizing a supplemental appropriation in the amount of \$3,642,000 from the increase in the unappropriated balance of the General Capital Improvement Fund (3001), resulting from the above transfer to the Pier Visioning Project (11988) (Engineering & CID Project No. 09227-019; Oracle Project No. 11988); and providing an effective date.

**EXPLANATION:** On July 9, 2015, City Council approved a Construction Manager at Risk Agreement with a Guaranteed Maximum Price ("Contract") with Skanska for preconstruction and construction phase services for the new St. Petersburg Pier. Preconstruction Phase services were authorized in an amount not to exceed \$490,000. On March 2, 2017, City Council approved a First Amendment to the Contract for additional preconstruction services in an amount not to exceed \$381,200 for fabrication and delivery of twenty (20) test piles and two (2) overwater pile layout templates for a revised total Preconstruction Phase services fee of \$871,200. Preconstruction Phase services have been completed. On June 1, 2017, City Council approved a Partial GMP Proposal – Marine Structural in the amount of \$17,579,847 in order to commence the marine construction work and the City and Skanska executed the Second Amendment.

On August 24, 2017, City Council approved Ordinance No. 292-H adopting amendments to the Intown Redevelopment Plan (IRP) to delete reference to "mixed-use transportation facility" and reallocate its \$14,000,000 in allowable project cost that can be funded by Tax Increment Financing (TIF) such that up to \$10 million could be spent on the Enhancements to the "Municipal Pier Project" and/or "Enhancements to the Downtown Waterfront Master Plan Improvements in the Pier District". The Pinellas County Commission approved the amendments to the IRP and the Interlocal Agreement on September 14, 2017.

The \$10 million in Enhancements to the "Municipal Pier Project" and/or "Enhancements to the Downtown Waterfront Master Plan Improvements in the Pier District" included several structures, facilities and improvements that were designed to be completed as part of the construction of the new St. Petersburg Pier. This includes the 13,000 SF shade pavilion, restroom and open-air

snack shack structure that forms the anchor of the Pier Plaza, the expansion of the children's Splash Pad to add spray jets and infrastructure, and the construction of a second breakwater to supplement low wake zone and enhance the naturalized Spa Beach component of the project. The amount requested from the list of enhancements for these three elements is \$2,842,353.

In addition, the requested list of enhancements included a category for Project Contingency to assure that funding would be available within the Final GMP for the Construction Manager's Contingency and the Unforeseen Conditions Contingency as well as overall project contingency. The amount being requested from the aforementioned contingency category is \$800,000. The total of the amount being requested to be transferred from the funds authorized under the IRP Interlocal Agreement for this Final GMP Proposal is \$3,642,000.

Of the requested \$800,000 in contingency, \$600,000 is included in the Partial GMP – Balance of the Work as follows: a) the increase to the Skanska's contingency of \$400,000 plus b) the increase in the value of the City's contingency for unforeseen conditions of \$200,000. The remaining \$200,000 is requested to increase the overall project contingency from a current approximate balance of \$150,000 to a final approximate balance of \$350,000. The increase in project contingency provides levels more commonly seen in a project of this complexity.

The Final GMP Proposal is based on the following: i) the completed, architectural, landscape, civil, structural, mechanical, electrical and plumbing contract drawings and project specifications as prepared by Associated Space Design, Inc. (ASD); ii) a listing of clarifications, qualifications and assumptions made by Skanska in preparation of the Final GMP Proposal which further define the scope of the site work; and iii) the anticipated schedule for the work.

At the completion of the 100% Construction Document phase, Skanska solicited competitive proposals for the balance of the work. The subtotal value of all the subcontractor bids for the completed work is \$28,219,737. Of this amount, \$13,900,877 was approved within the Partial GMP Proposal for the marine structural. In addition to the cost of the subcontracted work, the Final GMP Proposal will include the bonds and insurance, Builder's Risk Insurance, the Construction Manager's General Conditions, the Construction Manager's Contingency and the Construction Manager's overhead and fee. The Contract (as amended) included an extended general conditions contingency not-to-exceed amount of \$400,000 to cover costs of project delays that are outside of the Skanska's control. City's contingency for unforeseen conditions is also included in the amount of \$450,000.

The breakdown comparison for the two Partial GMP Proposals is as follows:

	<b>Partial GMP(1)</b>	<b>Partial GMP(2)</b>
Subcontractor Cost of the Work	\$ 13,900,877	\$ 14,318,860
General Conditions	\$ 1,470,743	\$ 1,179,257
Extended General Conditions contingency	\$ 0	\$ 400,000
Bonds, Insurance & Warranty	\$ 880,163	\$ 1,006,459
Construction Manager's Contingency	\$ 500,000	\$ 400,000
Construction Manager's Fee	\$ 578,064	\$ 593,912
CM's Final GMP Proposal	\$ 17,329,847	\$ 17,898,487
Owner's Contingency for Unforeseen Conditions	\$ 250,000	\$ 200,000
<b>Partial GMP Proposal</b>	<b>\$ 17,579,847</b>	<b>\$ 18,098,487</b>

The Base GMP for the Project includes the following:

Subcontractor Cost of the Work	\$ 28,219,737
General Conditions	\$ 2,650,000
Extended General Conditions	\$ 400,000
Bonds, Insurance & Warranty	\$ 1,886,622
Construction Manager's Contingency	\$ 900,000
Construction Manager's Fee	<u>\$ 1,171,976</u>
CM's Final GMP Proposal	\$ 35,228,334
Owner's Contingency for Unforeseen Conditions	\$ 450,000
<b>Final Base GMP Proposal</b>	<b>\$ 35,678,334</b>

The Final GMP is the Base GMP (\$35,678,334) and following project enhancements:

Acceptance of Plaza Pavilion Enhancement	\$ 1,731,353
Acceptance of Pier Splash Pad Enhancement	\$ 415,076
Acceptance of Breakwater Enhancement	<u>\$ 695,924</u>
<b>Subtotal Project Enhancements</b>	<b>\$ 2,842,353</b>
<b>Final GMP Proposal</b>	<b>\$ 38,520,687</b>

The balance of the work for the above the deck improvements such as the Pier head building, the education building, the lawn bowl, the coastal thicket, the Spa Beach improvements, the breakwater, the tilted lawn, the splash pad, the Pier Plaza and all other supporting utilities and services will be combined with the marine structural work so that there is a single Guaranteed Maximum Price and only one required Substantial Completion Date and one required Final Completion Date. Upon execution of the Third Amendment, the final GMP proposal in an amount not to exceed \$38,520,687 (which includes (i) the partial GMP proposal – marine structural work approved by City Council on June 1, 2017 and the partial GMP proposal – balance of the work, which are collectively the base GMP for the Project, and (ii) the GMP for the addition of three Pier Enhancement elements) submitted by Skanska on November 17, 2017 will be incorporated into the Contract.

**Recommendation:** Administration recommends City Council approve the attached resolution approving a partial guaranteed maximum price ("GMP") proposal – balance of the work in the amount of \$18,098,487 for The New St. Petersburg Pier Project ("Project"); approving a GMP Proposal for the addition of three Pier Enhancement elements in the amount of \$2,842,353; accepting the Final GMP proposal in an amount not to exceed \$38,520,687 (which includes (i) the partial GMP proposal – marine structural work approved by City Council on June 1, 2017 and the above referenced partial GMP proposal – balance of the work, which are collectively the base GMP for the Project, and (ii) the above referenced GMP for the addition of three Pier Enhancement elements) submitted by Skanska USA Building, Inc. ("Skanska") on November 17, 2017; authorizing the Mayor or his designee to execute a Third Amendment to the Construction Manager at Risk Agreement with a GMP between the City of St. Petersburg, Florida, and Skanska dated July 13, 2015, as amended ("Contract"), to incorporate the Final GMP proposal into the Contract, revise the disadvantaged worker and apprentices provision to clarify good faith efforts and retainer, and modify other necessary provisions; approving a transfer in the amount of

New St. Petersburg Pier – Third Amendment to the Skanska Agreement  
December 7, 2017  
Page 4

\$3,642,000 from the unappropriated balance of the Downtown Redevelopment District Fund (1105) to the General Capital Improvement Fund (3001) to provide funding for Skanska's Contingency, Unforeseen Conditions Contingency, overall project contingency, and the three Pier Enhancements (the Plaza Pavilion, the enhanced Splash Pad, and the additional Breakwater); authorizing a supplemental appropriation in the amount of \$3,642,000 from the increase in the unappropriated balance of the General Capital Improvement Fund (3001), resulting from the above transfer to the Pier Visioning Project (11988) (Engineering & CID Project No. 09227-019; Oracle Project No. 11988); and providing an effective date.

**COST/FUNDING/ASSESSMENT INFORMATION:** A portion of the funding has been previously appropriated. Additional funds will be available after the transfer in the amount of \$3,642,000 from the unappropriated balance of the Downtown Redevelopment District Fund (1105) to the General Capital Improvement Fund (3001) and approval of a supplemental appropriation in the amount of \$3,642,000 from the increase in the unappropriated balance of the General Capital Improvement Fund (3001), resulting from the above transfer to the Pier Visioning Project (11988), (Engineering & CID Project No. 09227-019; Oracle Project No. 11988). \$800,000 is to provide funding for Skanska's Contingency, Unforeseen Conditions Contingency and overall project contingency. \$2,842,000 is to provide funding for the three Pier Enhancements (the Plaza Pavilion, the enhanced Splash Pad, and the additional Breakwater).

**ATTACHMENTS:** Resolution, Final GMP Proposal submitted by Skanska on November 17, 2017  
Amendment

**APPROVALS:** *Byjesh Rayman for CT*  
rq  
Final 350567  
*B* Administrative



Budget

RESOLUTION NO. 2017-\_\_\_\_

A RESOLUTION APPROVING A PARTIAL GUARANTEED MAXIMUM PRICE (“GMP”) PROPOSAL – BALANCE OF THE WORK IN THE AMOUNT OF \$18,098,487 FOR THE NEW ST. PETERSBURG PIER PROJECT (“PROJECT”); APPROVING A GMP PROPOSAL FOR THE ADDITION OF THREE PIER ENHANCEMENT ELEMENTS IN THE AMOUNT OF \$2,842,353; ACCEPTING THE FINAL GMP PROPOSAL IN AN AMOUNT NOT TO EXCEED \$38,520,687 (WHICH INCLUDES (I) THE PARTIAL GMP PROPOSAL – MARINE STRUCTURAL WORK APPROVED BY CITY COUNCIL ON JUNE 1, 2017 AND THE ABOVE REFERENCED PARTIAL GMP PROPOSAL – BALANCE OF THE WORK, WHICH ARE COLLECTIVELY THE BASE GMP FOR THE PROJECT, AND (II) THE ABOVE REFERENCED GMP FOR THE ADDITION OF THREE PIER ENHANCEMENT ELEMENTS) SUBMITTED BY SKANSKA USA BUILDING, INC. (“SKANSKA”) ON NOVEMBER 17, 2017; AUTHORIZING THE MAYOR OR HIS DESIGNEE TO EXECUTE A THIRD AMENDMENT TO THE CONSTRUCTION MANAGER AT RISK AGREEMENT WITH A GMP BETWEEN THE CITY OF ST. PETERSBURG, FLORIDA, AND SKANSKA DATED JULY 13, 2015, AS AMENDED (“CONTRACT”), TO INCORPORATE THE FINAL GMP PROPOSAL INTO THE CONTRACT, REVISE THE DISADVANTAGED WORKER AND APPRENTICES PROVISION TO CLARIFY GOOD FAITH EFFORTS AND RETAINER, AND MODIFY OTHER NECESSARY PROVISIONS; APPROVING A TRANSFER IN THE AMOUNT OF \$3,642,000 FROM THE UNAPPROPRIATED BALANCE OF THE DOWNTOWN REDEVELOPMENT DISTRICT FUND (1105) TO THE GENERAL CAPITAL IMPROVEMENT FUND (3001) TO PROVIDE FUNDING FOR SKANSKA’S CONTINGENCY, UNFORESEEN CONDITIONS CONTINGENCY, OVERALL PROJECT CONTINGENCY, AND THE THREE PIER ENHANCEMENTS (THE PLAZA PAVILION, THE ENHANCED SPLASH PAD, AND THE ADDITIONAL BREAKWATER); AUTHORIZING A SUPPLEMENTAL APPROPRIATION IN THE AMOUNT OF \$3,642,000 FROM THE INCREASE IN THE UNAPPROPRIATED BALANCE OF THE GENERAL CAPITAL IMPROVEMENT FUND (3001), RESULTING FROM THE ABOVE TRANSFER TO THE PIER VISIONING PROJECT (11988) (ENGINEERING & CID PROJECT NO. 09227-019; ORACLE PROJECT NO. 11988); AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City of St. Petersburg, Florida (“City”) and Skanska USA Building, Inc. (“Skanska”) entered into a Construction Manager at Risk Agreement with a Guaranteed Maximum Price on July 13, 2015 (“Contract”) for Skanska to provide preconstruction and construction phase services for the new Pier; and

WHEREAS, following execution of the Contract, the City authorized Skanska to provide the preconstruction phase services in an amount not to exceed \$490,000; and

WHEREAS, on March 24, 2017, the City and Skanska executed a First Amendment to the Contract for Skanska to provide additional preconstruction services which includes fabrication and delivery of twenty (20) test piles and two (2) overwater pile layout templates in an amount not to exceed \$381,200 (for the total preconstruction phase costs not to exceed \$871,200); and

WHEREAS, on June 1, 2017, City Council approved a Partial GMP Proposal for the marine structural work in the amount of \$17,579,847 and the City and Skanska executed a Second Amendment to the Contract (as amended); and

WHEREAS, in accordance with the Contract (as amended) requirements, Skanska has submitted the Final GMP Proposal in an amount not to exceed \$38,520,687 (which includes (i) the Partial GMP Proposal – Marine Structural Work approved by City Council on June 1, 2017 and the Partial GMP Proposal – Balance of the Work in the amount of \$18,098,487, which are collectively the base GMP for the project, and (ii) the GMP proposal for the addition of three pier enhancement elements {the Plaza Pavilion, the Enhanced Splash Pad, and the Additional Breakwater} in the amount of \$2,842,353) to the City for review and approval; and

WHEREAS, the City desires to amend the Contract (as amended) with Skanska to incorporate the Final GMP Proposal in an amount not to exceed \$38,520,687 (which includes (i) the Partial GMP Proposal – Marine Structural Work approved by City Council on June 1, 2017 and the Partial GMP Proposal – Balance of the Work in the amount of \$18,098,487, which are collectively the base GMP for the project, and (ii) the GMP proposal for the addition of three pier enhancement elements {the Plaza Pavilion, the Enhanced Splash Pad, and the Additional Breakwater} in the amount of \$2,842,353) into the Contract (as amended), revise the disadvantaged worker and apprentices provision to clarify good faith efforts and retainer, and modify other necessary provisions; and

WHEREAS, funding for the Final GMP Proposal in an amount not to exceed \$38,520,687 will require (i) a transfer in the amount of \$3,642,000 from the unappropriated balance of the Downtown Redevelopment District Fund (1105) to the General Capital Improvement Fund (3001) and (ii) a supplemental appropriation in the amount of \$3,642,000 from the increase in the unappropriated balance of the General Capital Improvement Fund (3001), resulting from the above transfer to the Pier Visioning Project (11988).

NOW THEREFORE, BE IT RESOLVED by the City Council of the City of St. Petersburg, Florida, that a Partial Guaranteed Maximum Price (“GMP”) Proposal – Balance of the Work in the amount of \$18,098,487 for the new St. Petersburg Pier Project (“Project”) is hereby approved.

BE IT FURTHER RESOLVED that a GMP Proposal for the addition of three Pier Enhancement Elements in the amount of \$2,842,353 is hereby approved.

BE IT FURTHER RESOLVED that the Final GMP Proposal in an amount not to exceed \$38,520,687 (which includes (i) the Partial GMP Proposal – Marine Structural Work approved by City Council on June 1, 2017 and the above referenced Partial GMP Proposal – Balance of the Work, which are collectively the base GMP for the Project, and (ii) the above referenced GMP Proposal for the addition of three Pier Enhancement Elements) submitted by Skanska USA Building, Inc. (“Skanska”) on November 17, 2017 is hereby accepted.

BE IT FURTHER RESOLVED that the Mayor or his designee is authorized to execute a Third Amendment to the Construction Manager at Risk Agreement with a GPM between the City of St. Petersburg, Florida, and Skanska dated July 13, 2015, as amended (“Contract”), to incorporate the Final GMP Proposal into the Contract, revise the disadvantaged worker and apprentices provision to clarify good faith efforts and retainer, and modify other necessary

provisions.

BE IT FURTHER RESOLVED that there is hereby approved the following transfer for FY18:

Downtown Redevelopment District Fund (1105)

Transfer to: General Capital Improvement Fund (3001)	\$3,642,000
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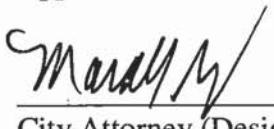
BE IT FURTHER RESOLVED that there is hereby approved from the increase in the unappropriated balance of the General Capital Improvement Fund (3001), resulting from the above transfer, the following supplemental appropriation for FY18:

General Capital Improvement Fund (3001)

Pier Visioning Project (11988)	\$3,642,000
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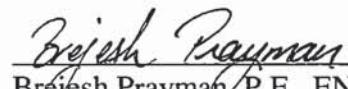
This resolution shall become effective immediately upon its adoption.

Approvals



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City Attorney (Designee)



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Brejesh Prayman, P.E., ENV SP  
Engineering and Capital Improvements  
Director



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Budget  
Final 350563

Attached is the current draft of the Third Amendment to the Skanska CMAR Agreement which will be discussed at your December 7, 2017 City Council meeting.

**THIRD AMENDMENT**  
**Final Guaranteed Maximum Price Amendment**

**THIS THIRD AMENDMENT** ("Third Amendment") is made and entered into on this \_\_\_\_\_ day of December, 2017 by and between the City of St. Petersburg, Florida ("City" or "Owner") and Skanska USA Building Inc. ("Construction Manager" or "Contractor").

**WHEREAS**, the Owner and the Construction Manager entered into a Construction Manager at Risk Agreement with a Guaranteed Maximum Price on July 13, 2015 for Construction Manager to provide preconstruction and construction phase services for the new St. Petersburg Pier; and

**WHEREAS**, following execution of the agreement, the Owner authorized the Construction Manager to provide the preconstruction phase services in an amount not to exceed \$490,000; and

**WHEREAS**, on March 24, 2017, the Owner and Construction Manager executed a First Amendment for Construction Manager to provide additional preconstruction services which included fabrication and delivery of twenty (20) test piles and two (2) overwater pile layout templates in an amount not to exceed \$381,200 (for the total preconstruction phase costs not to exceed \$871,200); and

**WHEREAS**, on June 1, 2017, City Council approved a Partial Guaranteed Maximum Price Proposal for the marine structural work in the amount of \$17,579,847 and the Owner and Construction Manager executed a Second Amendment; and

**WHEREAS**, the Construction Manager at Risk Agreement with a Guaranteed Maximum Price dated July 13, 2015 as amended by the First Amendment and Second Amendment (and all the contract documents) is referred to herein as the "Contract"; and

**WHEREAS**, in accordance with the Contract requirements, Construction Manager submitted the Final Guaranteed Maximum Price ("GMP") Proposal in an amount not to exceed \$38,520,687 (which includes (i) the Partial GMP Proposal – Marine Structural Work approved by City Council on June 1, 2017 and the Partial GMP Proposal – Balance of the Work in the amount of \$18,098,487, which are collectively the base GMP for the Project, and (ii) the GMP proposal for the addition of three pier enhancement elements {the Plaza Pavilion, the Enhanced Splash Pad, and the Additional Breakwater} in the amount of \$2,842,353) to the Owner for review and acceptance; and

**WHEREAS**, the City and Construction Manager desires to amend the Contract for a third time to incorporate the Final Guaranteed Maximum Price Proposal in an amount not to exceed \$38,520,687 into the Contract, revise the disadvantaged worker and apprentices provision to clarify good faith efforts and retainer, and modify other necessary provisions.

**NOW, THEREFORE**, in consideration of the foregoing recitals (which are an integral part of this Third Amendment and are incorporated herein by reference) and the promises and covenants contained herein and other good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the Owner and Construction Manager hereby agree as follows:

1. All capitalized terms in this Third Amendment shall have the same meaning specified in the Contract unless otherwise set forth herein.

2. §1.1 of the Standard Form of Agreement between Owner and Construction Manager (e.g., Document A133-2009, as amended), which is part of the Contract, is hereby amended to read as follows:

### **§ 1.1 The Contract and Contract Documents**

This Agreement and the Contract Documents form the Contract between the Owner and the Construction Manager. The Contract Documents consist of the Conditions of the Contract (General, Supplementary and other Conditions), Drawings, Specifications, the Request for Proposals, Construction Manager's Proposal, other documents listed or referenced in this Agreement or the Contract Documents, and Modifications issued after execution of this Contract. Upon the Owner's acceptance of the Construction Manager's Guaranteed Maximum Price proposal(s), the Contract Documents will also include the documents described in Section 2.2.3 and identified in the Guaranteed Maximum Price Amendment (and any amendments thereto) and revisions prepared by the Architect and furnished by the Owner as described in Section 2.2.8. The Contract represents the entire and integrated agreement between the parties hereto and supersedes prior negotiations, representations or agreements, either written or oral. In the event of an inconsistency or conflict between or among the documents referenced herein, the following order of precedence shall govern: (i) Modifications exclusive of exhibits (ii) this Agreement, exclusive of its exhibits; (iii) the Conditions of the Contract (General, Supplementary and other Conditions), exclusive of its exhibits; (iv) the Exhibit containing the Final Guaranteed Maximum Price proposal submitted by Construction Manager (e.g. Amended Exhibit E); (v) the other exhibits; and (vi) all other Contract Documents. Any inconsistency or conflict between all other Contract Documents shall be initially resolved by the Initial Decision Maker after consulting with the Construction Manager with Construction Manager reserving all rights to dispute such resolution under Article 15 of the AIA Document 201-2007, as modified by the Owner.

3. §2.2.4.1 of the Standard Form of Agreement between Owner and Construction Manager (e.g., Document A133-2009, as amended), which is part of the Contract, is hereby amended to read as follows:

**2.2.4.1** In preparing the Construction Manager's Guaranteed Maximum Price proposal, the Construction Manager shall include its contingency to cover those costs considered reimbursable as the Cost of the Work but not included in a Change Order. Construction Manager shall obtain Owner's written approval to using such contingency, which approval shall be promptly provided after receipt of a request from Construction Manager. Such contingency may be used for any costs reasonably required to perform or manage the Work to address items that include, but are not limited to: items inadvertently omitted during the estimating and bidding process, schedule recovery costs associated with weather and other causes of delay that are not otherwise compensable, interfacing omissions between and from the various categories of work, additional costs incurred due to the withdrawal or disqualification of a subcontractor bid that the Construction Manager had relied upon prior to execution of a written subcontract, general conditions over-runs, costs associated with subcontractor default, cost increases due to unanticipated local labor and material market

conditions, selective overtime, or the like. Upon Final Completion of the Project, if this contingency has not been used, these remaining funds shall be disbursed back to the Owner to be used at its sole discretion.

4. §2.2.4.2 of the Standard Form of Agreement between Owner and Construction Manager (e.g., Document A133-2009, as amended), which is part of the Contract, is hereby amended to read as follows:

#### **2.2.4.2 Intentionally Left Blank**

5. §2.3.2.10 of the Standard Form of Agreement between Owner and Construction Manager (e.g., Document A133-2009, as amended), which is part of the Contract, is hereby amended to read as follows:

#### **§ 2.3.2.10 Disadvantaged Workers and Apprentices Requirements for the Project.**

The Construction Manager and Owner agree (i) that at least ten percent (10%) of all labor hours of work performed on the Project shall be performed by disadvantaged workers employed by the Construction Manager or Subcontractors and (ii) that at least ten percent (10%) of all labor hours of work performed on the Project shall be performed by apprentices employed by the Construction Manager or Subcontractors. The Construction Manager shall be responsible for achieving and maintaining the required participation percentage for the duration of the Project. If the Construction Manager and respective Subcontractors are not able to achieve or maintain the required percentage, the Construction Manager must demonstrate and document that good faith efforts were made to achieve or maintain the required percentage. Good faith efforts shall constitute: (i) Construction Manager conducting at least one monthly outreach event; (ii) Construction Manager placing at least two monthly advertisements in two different community targeted local publications to promote its monthly outreach event and inform the public of potential employment opportunities; (iii) Construction Manager working with Career Source Pinellas, Pinellas Ex-Offender Re-Entry Coalition, 2020 Plan Taskforce, and Pinellas Technical College to recruit applicants and causing its Subcontractors to work with Career Source Pinellas, Pinellas Ex-Offender Re-Entry Coalition, 2020 Plan Taskforce, and Pinellas Technical College to recruit applicants; (iv) Construction Manager documenting solicited responses regarding background from employees and subcontractor's employees; and (v) Construction Manager registering job openings with the Urban League and Career Edge/United Way and causing its Subcontractors to register job openings with the Urban League and Career Edge/United Way. Documentation that the Construction Manager or Subcontractor(s) made good faith efforts shall be submitted on forms provided by the Initial Decision Maker (i.e., the Engineering and Capital Improvements Director) or his designee. The Initial Decision Maker or his designee shall review the documentation and determine whether good faith efforts were made to achieve or maintain the required percentage of disadvantaged workers and apprentices. If the Construction Manager is dissatisfied with the Initial Decision Maker or his designee's determination, Construction Manager may make an appeal to the Mayor within fifteen (15) days after receipt of the Initial Decision Maker or his designee's determination.

The Construction Manager and Subcontractors shall keep records showing (i) the total hours of work performed on the Project, (ii) the name, address, trade classification, and

labor hours worked, (iii) evidence of disadvantaged worker status and apprentices status, and (iv) employment status of all disadvantaged workers and apprentices asserted to meet the requirements set forth in this §2.3.2.10. The Construction Manager shall submit records to the Initial Decision Maker or his designee on a quarterly cycle for the duration of the Project. The record shall be submitted on or before January 15, April 15, July 15 and October 15 respectively. The records shall consist of the cumulative number of labor hours worked to date by disadvantaged workers and apprentices, and total labor hours worked to date. The records shall be cumulative for the duration of the Project and shall indicate any new hires. The Construction Manager is responsible for assuring that all compliance documentation is submitted to the City on forms provided by the Initial Decision Maker or his designee.

During the duration of the Project, compliance with this §2.3.2.10 shall be monitored and evaluated quarterly. If the Construction Manager has not met the requirements of §2.3.2.10, the Initial Decision Maker or his designee will provide written notice regarding noncompliance. The Construction Manager will be required to present a corrective action plan within thirty (30) days of such notice. Once the corrective action plan is approved by the Initial Decision Maker or his designee, the Initial Decision Maker or his designee will provide a time period for completion of the corrective action plan. The time period for completion of the corrective action plan shall not exceed thirty (30) days unless the Mayor or his designee determines that the Construction Manager has demonstrated that a longer time period is necessary and in the best interest of the City. If the Construction Manager fails to correct the deficiency within the time period, the Initial Decision Maker or his designee shall impose a penalty equal to the amount of the retainage withheld on the value of the labor hours.

Except to the extent in conflict with this §2.3.2.10, Construction Manager agrees to comply with the St. Petersburg City Code Sections 2-297 and 2-298.5.

6. Exhibit B is hereby deleted.

7. The Final Guaranteed Maximum Price Proposal in an amount not to exceed \$38,520,687 (which includes (i) the Partial GMP Proposal – Marine Structural Work approved by City Council on June 1, 2017 and the Partial GMP Proposal – Balance of the Work in the amount of \$18,098,487 and (ii) the GMP proposal for the addition of three pier enhancement elements in the amount of \$2,842,353) dated November 17, 2017, attached hereto and made a part hereof as Amended Exhibit E is hereby approved and accepted.

8. Exhibit E (the Partial GMP Proposal - Marine Structural Work approved by City Council on June 1, 2017) is hereby deleted and replaced with Amended Exhibit E. All references in the Contract to Exhibit E shall mean the Amended Exhibit E.

9. Any and all provisions of the Contract not specifically amended by this Third Amendment shall remain in full force and effect.

**IN WITNESS WHEREOF**, the City and Construction Manager have caused this Third Amendment to be executed by their duly authorized representatives on the date first above written.

CITY OF ST. PETERSBURG, FLORIDA

ATTEST

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

\_\_\_\_\_  
City Clerk

Print: \_\_\_\_\_

(SEAL)

Title: \_\_\_\_\_

Approved as to Form and Content:

\_\_\_\_\_  
City Attorney (Designee)

SKANSKA USA BUILDING, INC:

WITNESSES

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

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

Print: \_\_\_\_\_

Print: \_\_\_\_\_

Title: \_\_\_\_\_

350552 11-21-17

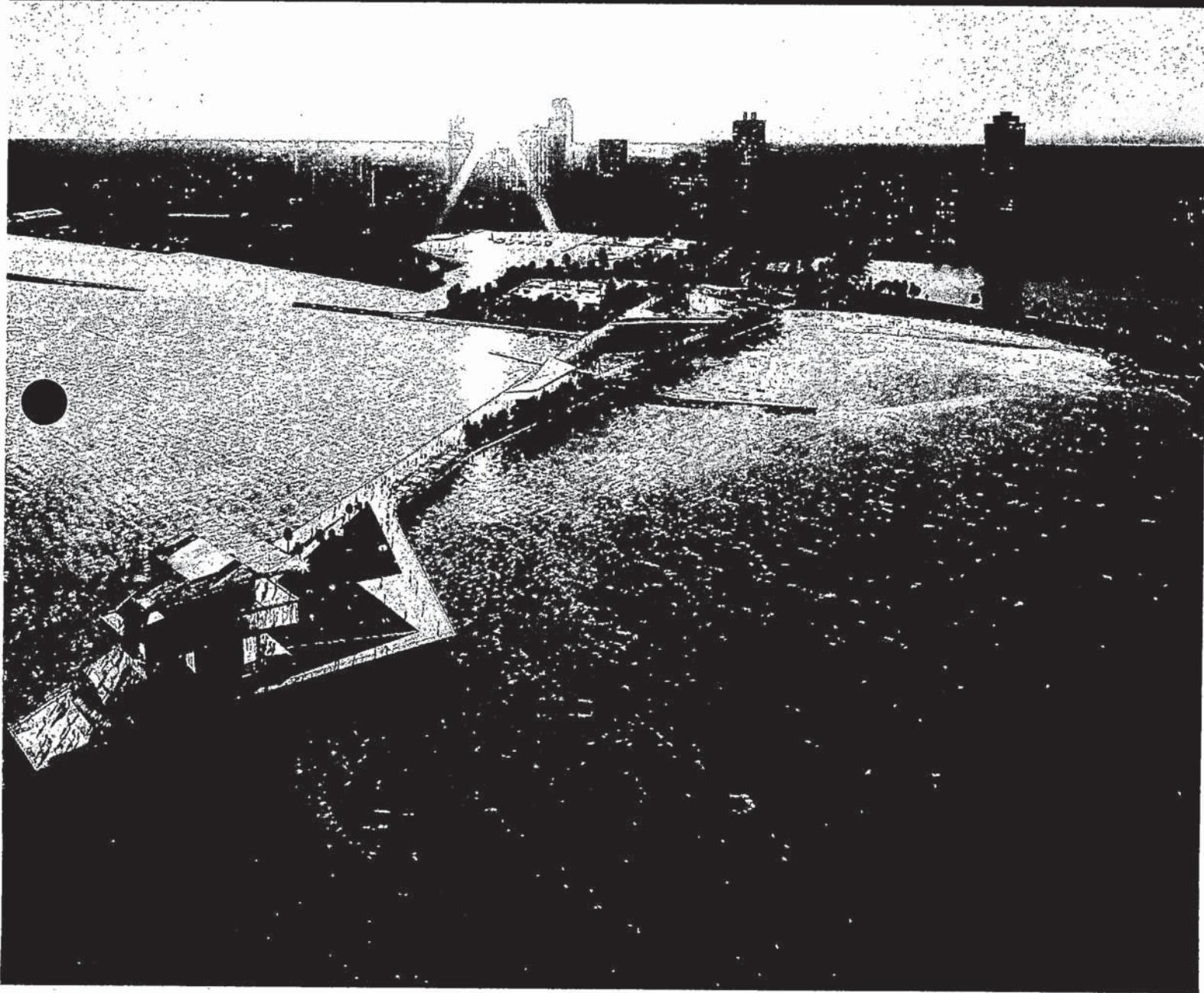
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By: \_\_\_\_\_

Print: \_\_\_\_\_

www.skanska.com

## The New St. Petersburg Pier

St. Petersburg, Florida  
Architectural & Construction Manager



**SKANSKA**

# SKANSKA

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November 17, 2017

Mr. Brejesh Praymon, PE  
Engineering and Capital Improvements Director  
City of St. Petersburg  
One 4th Street N.  
St. Petersburg, FL 33701

Re: The New St. Petersburg Pier  
Guaranteed Maximum Price

Dear Mr. Praymon,

Skanska USA Building, Inc. is pleased to submit its Guaranteed Maximum Price for the City of St. Petersburg project mentioned above.

Sincerely,  
SKANSKA USA BUILDING INC.



Chuck Jablon, Sr. Vice President - Account Manager

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**SKANSKA**

**1**

## **Final Guaranteed Maximum Price Summary**

- Executive Summary
- Cost Summary

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**1****Final GMP Summary****Executive Summary**

The Final Guaranteed Maximum Price (GMP) is based upon the documents prepared by ASD/SKY with Rogers Partners and their respective consultants (A/E Team) which are itemized in the Document List of this proposal. Further project scope definition has been developed by Skanska USA Building Inc., and various assumptions that are attached to this proposal.

The Final GMP is \$38,520,687. This Final GMP Proposal, upon acceptance by the City of St. Petersburg, is intended to serve as the basis for the Third Amendment to the Construction Manager at Risk Agreement with a Guaranteed Maximum Price, dated July 13, 2015 as amended ("Contract"), adding the balance of the construction phase activities to the current contract.

This is the Final GMP proposal for this project. Portions of this proposal includes and incorporates the previously approved Partial GMP Marine Structural and adds the Balance of the Work required to complete the entire Pier project as well as three Pier Enhancement elements. This Final GMP is made part of the work previously submitted in the Partial GMP Marine Structural work executed in Amendment No. 2 on June 9, 2017.

**Guaranteed Maximum Price components**

■ Partial GMP Marine Structural	\$ 17,579,847
■ Partial GMP Balance of the Work	\$ 18,098,487
■ Pier Enhancement Elements	\$ 2,842,353

Total Final Guaranteed Maximum Price (GMP)                   \$ 38,520,687

**Project Description**

The New St. Petersburg Pier consists of approximately 92,000sf of concrete deck supported on approximately 425 concrete piles. This new deck supports elements such as the coastal thicket, equipped with trees and landscaping as well as a boardwalk. It also includes a new sloped lawn bowl that will be utilized for events and general recreation. The deck also supports 2 buildings, the new Pier Head and the new Education Center. The Pier Head includes approximately 6800 SF of restaurant shell space and a 4500 SF roof/observation deck. The Education Center is approximately 2,000 SF of multipurpose space at the center of the new pier and provides both indoor and outdoor program space. Surrounding the new pier are breakwaters that provide erosion protection for the newly constructed Spa Beach. On the landside, a new plaza, called Pier Plaza, supports outdoor program space, a new splash pad, the new tilted lawn and the Pavilion building. The Pavilion building shell is designed to contain a small concession area as well as comfort stations.

**Partial GMP Marine Structural {previously submitted and approved}**

This Partial GMP totaled \$17,579,847 and consisted of the marine structural work for the overall project and is based on specific documents in the Marine Structural GMP dated May 17, 2017.

### **Final GMP**

This Final GMP, totaling \$38,520,687, includes the Partial GMP Marine Structural and the Partial GMP balance of work required to complete the new St. Petersburg Pier as well as three Pier Enhancement elements.

### **Project Schedule**

Skanska has developed and enclosed a Project Schedule, which indicated the agreed upon schedule objectives for the project. The overall project schedule reflects an overall duration of twenty-one (21) months for the construction phase of the project.

The following contractual dates are as follows:

- |                          |                |
|--------------------------|----------------|
| ▪ Substantial Completion | March 26, 2019 |
| ▪ Final Completion       | May 21, 2019   |

The following additional Milestone Dates are anticipated within the project schedule in order to achieve the contractual dates listed above.

- |   |                   |
|---|-------------------|
| ▪ Notice to Proceed for Partial GMP Marine Structural | June 15, 2017     |
| ▪ Final GMP Notice To Proceed                         | December 11, 2017 |

### **Cost Summary**

Following is the Cost Summary breakdown.

## Cost Summary

Description	Partial GMP	Partial Balance of Work	Final GMP
<b>Target Estimate Summary</b>			
1 01A General Requirements	14,759	14,759	
2 01B Survey / Layout / Asbults	52,000	(20,000)	72,000
3 01C Pile Driving Criteria & Concrete Testing Allowance	124,950	25,000	149,950
4 01D Temporary Construction	97,464	76,000	173,464
5 03A Marine Structural	13,045,900	0	13,045,900
6 03B C.I.P Concrete	99,755	3,615,807	3,715,562
7 05A Steel		162,026	162,026
8 05B Railings		691,609	691,609
9 06A Rough Carpentry - Boardwalk		0	
10 06B Millwork		11,350	11,350
11 06C Fishing & education Stair		125,099	125,099
12 07A Roofing		163,450	163,450
13 07B Waterproofing		281,768	281,768
14 07C Rainscreen		22,301	22,301
15 08A Doors		87,614	87,614
16 08B Overhead Doors		4,190	4,190
17 08C Exterior Skin		924,200	924,200
18 08D Aluminum Canopy		1,442,300	1,442,300
19 09A Drywall		774,566	774,566
20 09E Flooring		660	660
22 09F Epoxy Flooring		19,927	19,927
23 09G Painting		89,772	89,772
24 10A Accessories		29,897	29,897
25 10C Signage Allowance		2,889	2,889
26 13A Water Feature Allowance		200,000	200,000
27 14A Traction Elevators		285,000	285,000
28 21A Fire Protection	156	276,307	276,463
29 22A Plumbing	14,192	718,800	732,992
30 23A HVAC	7,524	302,196	309,720
31 26A Electrical	287,000	514,309	801,309
32 26B Lighting Fixture Package Allowance		206,000	206,000
33 31A Sitenework	171,936	536,325	708,261
34 32A Landscape, Irrigation & Hardscape		1,786,739	1,786,739
35 32B Trees Shrubs and Ground Cover Allowance		121,000	121,000
36 35A Breakwater		787,000	787,000
<b>Direct Cost</b>	<b>13,900,877</b>	<b>14,318,860</b>	<b>28,219,737</b>
<b>BUILDING PERMIT</b>	<b>NIC</b>	<b>NIC</b>	<b>NIC</b>
CONSTRUCTION CONTINGENCY	500,000	400,000	900,000
SUBCONTRACTOR DEFAULT INSURANCE 1.42%	197,392	209,008	406,400
CCIP 2.58%	447,110	461,781	908,891
<b>Sub Total</b>	<b>15,045,379</b>	<b>15,389,649</b>	<b>30,435,028</b>
<b>GENERAL CONDITIONS</b>			
General Conditions LS	1,470,743	1,579,257	3,050,000
<b>CM FEES</b>			
Construction Management Fees	578,064	593,912	1,171,976
<b>INSURANCES &amp; BOND</b>			
Builders risk insurance	118,614	214,782	333,396
Performance & Payment Bond 0.68%	117,047	120,888	237,935
<b>SUBTOTAL WITHOUT ENHANCEMENTS</b>	<b>17,329,847</b>	<b>17,898,487</b>	<b>35,228,334</b>
<b>OWNER'S CONTINGENCY FOR UNFORSEEN CONDITIONS</b>	<b>250,000</b>	<b>200,000</b>	<b>450,000</b>
<b>CONTRACT TOTALS</b>	<b>17,579,847</b>	<b>18,098,487</b>	<b>35,678,334</b>
<b>ENHANCEMENTS including indirect costs</b>			
Interactive Water Feature Enhancement			415,076
Breakwater Expansion			695,924
Pavilion Building			1,731,353
<b>GMP Total</b>			<b>38,520,687</b>

# SKANSKA

New St. Petersburg Pier Final GMP

11/10/2017

## Enhancement Summary

Description	Amount
ENHANCEMENT 03	
Interactive Water Feature Enhancement Allowance	369,177
	369,177
	369,177
	ALLOW
	12,452
	5,419
	10,709
	397,757
GENERAL CONDITIONS	
General Conditions	0
Additional General Conditions Allowance	0
CM FEES	
Construction Management Fees	3.50%
	13,922
INSURANCES & BOND	
Builders risk insurance	594
Performance & Payment Bond	2,803
<b>TOTAL COST</b>	<b>\$ 415,076</b>

# SKANSKA

New St. Petersburg Pier

Final GMP

11/10/2016

## Enhancement Summary

### Description

### Amount

#### ENHANCEMENT 04

Breakwater Expansion

618,969

#### Direct Cost Total

618,969

#### BUILDING PERMIT

ALLOW

#### CONSTRUCTION CONTINGENCY

ls

20,878

#### SUBGUARD

1.42%

9,086

#### CCIP % OF

2.58%

17,955

#### Sub Total

666,887

#### GENERAL CONDITIONS

General Conditions

0

Additional General Conditions Allowance

0

#### CM FEES

Construction Management Fees

3.50%

23,341

#### INSURANCES & BOND

Builders risk insurance

995

Performance & Payment Bond

0.68%

4,700

#### TOTAL COST

\$

**695,924**

# SKANSKA

New St. Petersburg Pier

Final GMP

11/10/2017

## Enhancement Summary

Description	Amount
ENHANCEMENT 05 Pavilion Building	1,539,901
Direct Cost Total	1,539,901
BUILDING PERMIT	ALLOW
CONSTRUCTION CONTINGENCY	Is
SUBGUARD	51,941
CCIP % OF	1.42% 22,604
Sub Total	2.58% 44,669
	1,659,115
GENERAL CONDITIONS	
General Conditions	0
Additional General Conditions Allowance	0
CM FEES	
Construction Management Fees	3.50% 58,069
INSURANCES & BOND	
Builders risk insurance	2,476
Performance & Payment Bond	0.68% 11,694
<b>TOTAL COST</b>	<b>\$ 1,731,353</b>

## **2**

# **Basis of Guaranteed Maximum Price**

- Introduction
- Insurances and Bonds
- Standard Qualifications
  - 1. Final GMP, including sections 3, 4 and 5 of the Partial GMP Marine Structural

**2****Basis of GMP****Introduction**

This section of the Final GMP describes modifications, conceptualizations, and exclusions.

No cost or time has been accounted for in the Final GMP to address the issue of any items identified as "excluded". For those items that are clarified, qualified and/or based upon an assumption, the Final GMP reflects only the cost and time of the element as assumed or clarified.

Skanska USA's Final GMP is based upon the following:

1. Document log provided in Section.
2. Skanska USA's Final GMP dated November 17, 2017.
3. The qualifications mentioned in this proposal.

**Insurances and Bonds****Insurances:**

1. Builders Risk Insurance is included and is based on total cost of the GMP as defined in section One Cost Summary.
2. Contractor Controlled Insurance Program (CCIP) Insurance is included.

**Bonds:**

1. Payment and Performance Bond is included.
2. Subcontractor Default Insurance (SDI) is included.

**Coordination with other Contractors**

This Final GMP is based on the assumption that the Owner's contractors and all other parties performing construction work at the project site, not under direct contract with Skanska USA will:

1. Comply with Skanska's site specific safety program and maintain an injury free environment.
2. This Final GMP is based on the expectation that all pre-purchased items to be provided by the Owner will be provided without delay or disruption per Skanska's schedule attached.
3. This Final GMP assumes any separate contractors hired by the Owner will not interfere with the operation of Skanska.
4. Perform work according to Skanska's project schedule, and achieve system and area completion dates according to that schedule.
5. Perform work so as to not impact Skanska's ability to perform its work in accordance with its project logistics plan.

6. Provide detailed schedule, logistics, and technical information, when and as requested by Skanska so as to enable Skanska to maintain or accelerate elements of its schedule, maintain its overall schedule and achieve necessary milestone completion dates.
7. Maintain insurance as required by the city, naming Skanska USA Building Inc. as an additional insured party.

## Standard Qualifications

The following are the Standard Qualifications for The New St. Petersburg Pier:

1. In preparing the Final GMP and the project schedule, Skanska relies on the construction documents to be fully designed, fully coordinated, code compliant, and accepted by the appropriate agencies and other applicable parties.
2. The cost of changes to the construction documents due to permit comments or conditions issued to Skanska following the delivery and acceptance of the Final GMP are excluded.
3. The information in Appendix B – Supplemental Information take precedence over drawings and all other documents listed in the document log.
4. Owner provided materials and furnished materials included but not limited to imported fill to be free of hazardous materials and contamination.
5. Property, business operations and other taxes related to the Project Site and the operation of the project have not been included.
6. All sales tax on material is included.
7. Third party agency testing and inspection services have not been included, unless otherwise noted.
8. In establishing the price for the GMP, Skanska has assumed that reasonable substitutions may be made to specified materials except where otherwise noted and with the prior written consent by Owner.
9. All costs associated with moving and/or relocating of any furniture or equipment from other sites is excluded.

10. All Owner supplied material and equipment, as well as any required submittal or design information is to be furnished and installed by the Owner in accordance with the project schedule. As part of its obligation, the Owner shall provide detailed information on all final connections. All Owner furnished equipment and final connections shall be coordinated to the rough-ins provided by Skanska.
11. Commissioning services are not included except for trade labor to support commissioning. Performance/Aesthetic mock ups and prototypes that will not be incorporated into the permanent work are excluded.
12. Required mock ups are assumed to be in place mock-ups that will be incorporated in final construction.
13. All extended warranties included in the specifications, including the material/labor warranties, shall be assigned to Owner following the construction manager's one year repair/replacement obligation under the Contract. Thereafter, Skanska shall only be responsible for assisting reasonably the Owner in enforcing those warranties provided by the manufacturers, suppliers and subcontractors.
14. No archaeological remediation is included.
15. Skanska assumes unfettered access to the Project Site at all times. The Final GMP does not anticipate any stoppage or interruption of work as a result of present operations by others or other site restrictions or interferences. The City will provide written notice of any activities in downtown St. Petersburg that could result in disruptions to site ingress/egress and both parties will work cooperatively to resolve any potential disruptions.
16. All fees including utility company, public agency reviews or approvals and associated fees are not included. Threshold inspection costs are not included.
17. Skanska excludes the building envelope consultant.
18. The Owner and Skanska shall be responsible for obtaining permits as set forth in Contract. Building permit costs are not included.
19. Final GMP is based on the City's acceptance and execution of the Third Amendment and issuance of the Notice to Proceed (NTP) by December 11, 2017. The Substantial Completion is directly linked to this date and shall adjust to a later date equal to the NTP being issued on a later date than noted.

20. No costs have been included for obtaining any temporary certification occupancy permits or any type of intermediary inspections prior to the final certificate of occupancy.
21. Use of union labor/prevailing wage is not included.
22. Delegated design for the following is not included:
  - a. 05 14 00 - Design connections not detailed on the drawings for structural aluminum framing and steel and aluminum canopy.
  - b. 05 70 00 - Design fences, and other metal components and structures.
  - c. 22 05 29 - Design trapeze pipe hangers and equipment supports.
23. Sections 3, 4 and 5 of the Partial GMP - Marine Structural are attached hereto and made a part of this Final GMP. In the event of a conflict, the Final GMP shall control.
24. The GMP includes costs that are established for items accepted on the PCE log, but not incorporated into the documents pending development of final details from the Architect. Once these items are shown on the documents final pricing will be verified. Accepted PCEs are not substitutions or alternates, but rather the base design within the GMP.

# SKANSKA

## Section 3 – Bid Package Specific Assumptions and Clarifications

City of St. Petersburg  
The New St. Petersburg Pier

Partial Guaranteed Maximum Price Proposal  
Marine Structural Scope of Work  
May 17, 2017

The clarifications also provide detailed information regarding items that may not be indicated in the Construction Documents but are included in Partial Guaranteed Maximum Price. The qualifications below provide clarity for the design elements that are not yet developed to the point where they can be clearly interpreted.

### 03A Marine Structural

1. The Marine Structural scope of work is limited to the concrete piles, Coastal Thicket walls, 12" deck, beams and elevated 15" structural deck, and the 30" thick deck at the pier head elevator. The following items are not included in the scope and will be provided in the Final Guaranteed Maximum Price provided at a later date:
  - a. Cast-in-place concrete on land is not included. The retaining wall at the tilted lawn is included as indicated in the Tilted Lawn Plan Study in Section 10-Supplemental Information of this estimate deliverable. The retaining wall height is included up to the elevation of the sidewalk at the seawall cap. The remainder of the wall will be provided in the Final Guaranteed Maximum Price.
  - b. Cast-in-place concrete on top of structural deck is not included in this Partial Guaranteed Maximum Price.
2. 425 ea. square piles at 24" x 24" have been included for a total of 31,456 linear feet of pile. This quantity includes 20 test piles. Test piles will be incorporated in the project as permanent piles. The pile indicated for the boardwalk bridge alternate is not included in Partial Guaranteed Maximum Price Proposal as the alternate for the boardwalk bridge will be included in the Final Guaranteed Maximum Price Proposal.
3. We have included the handling, installing and splicing, as necessary, of 20 piles at the 100' – 130' length range as indicated in the documents included in Section 9-Document Log. Splicing of more than 20 piles will be considered a changed condition. Splicing of piles is at Skanska's option.
4. Partial Guaranteed Maximum Price assumes that Skanska will have the ability to rotate piles so all piles are rotated the same direction.
5. Partial Guaranteed Maximum Price assumes that Skanska will have the ability to make minor location shifts of pile to best accommodate pile driving and forming efficiency.

# SKANSKA

## Section 3 – Bid Package Specific Assumptions and Clarifications

City of St. Petersburg

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6. Removal of any debris at the bay bottom is not included. Debris is defined to be anything that obstructs 24x24 inch pile that inhibits driving." Debris that is encountered that does not inhibit the Work will be left in place.
7. We have included the cost to provide signed and sealed submittals by an engineer registered in the State of Florida only for the following scopes of work:
  - a. Pier Deck Formwork;
  - b. Pier Deck Formwork inspection Prior to Placing Concrete for the purpose of validating the engineered form work drawings are in compliance;
  - c. Concrete Mix Designs;
  - d. Evaluation and Placing of Pump Truck and or crane on new structural concrete deck.
8. The sheet pile seawall is included based on sheets/sketches Sk.1 through Sk.4 included in Section 10-Supplemental Information. These sketches take precedence over the Tilted Lawn Plan, Section and Elevation Study sheets dated 2/28/2017.
9. The current seawall cap and deadman designs do not indicate reinforcing steel size or quantity. We have assumed a combined 125lbs/lft of seawall for reinforcing steel for the seawall cap and deadman.
10. The depressed slab at the Lawn Bowl area is not included. The elevations at the top and bottom of slab will match the surrounding deck elevations. We have extended the cast-in-place bench seat, provided curb and added three cast-in-place stair risers to retain the geofoam/soil per the attached marked up sheet L-303 in Section 10-Supplemental Information.
11. A revised elevated walkway that connects the North and South walkway is included, *as shown in the Revised Elevated Walkway sketch in Section 10 – Supplemental Information*, reduces 5,262 sf of deck to 2410 sf and reduces the number of piles from 16 to 10. This reduction is reflected in the total quantity of 425 piles. The Railing and Lighting referenced in this sketch are not included but will be provided in the Final Guaranteed Maximum Price.
12. Fishing Pier Option B is included as indicated on Fishing Deck Stair Options 3-8-2017 shown in *Section 10 – Supplemental Information*.
13. The Partial Guaranteed Maximum Price scope of work is included as defined on the marked up Tilted Lawn Plan Study, Tilted Lawn Section Study and the Tilted Lawn Elevation Study dated 2/28/2017 and shown in *Section 10 – Supplemental Information*

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## Section 3 – Bid Package Specific Assumptions and Clarifications

City of St. Petersburg

The New St. Petersburg Pier

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Marine Structural Scope of Work

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14. The coastal thicket design modifications are included based on Rogers Partners Sketches SK.1, SK.2, SK.3 & SK.4 provided in *Section 10 - Supplemental Information*.
15. The cost for piles included in this Partial Guaranteed Maximum Price is based on the pile lengths provided in the documents identified in Section 9-Document Log. If the actual installed pile length exceeds the applicable length set forth in the documents identified in Section 9-Document Log, Skanska shall be compensated for such increased length at the rate of \$46.50 per linear foot. If the actual installed pile length is less than the applicable length set forth in the documents identified in Section 9-Document Log, the pile cost carried in the Partial Guaranteed Maximum Price shall be decreased at the rate of \$46.50 per linear foot. The foregoing adjustments are applicable to pile length changes +/- 15% of the lengths identified on sheets S-07 and S-07A with a maximum pile length of 100'.
16. Pile splices added prior to pile casting will be charged at the unit cost of \$6,000 per each. Up to ten unplanned pile splices after pile casting shall be provided at a rate of \$5,000 plus \$60 per lineal foot of pile added. Unplanned pile splices over 10 ea. will be \$7,500 plus \$60 per lineal foot. An additional two weeks would be required for unplanned pile splices.

### A. Qualifications for in progress design documents:

- Reference dwg's issued by John Curran on 5/4/17 e-mail as in progress - TT Pier Deck Structural Revisions 1.
- Reference dwg's issued by John Curran on 5/2/17 e-mail "Pier Seawall and Tilted Lawn Retaining Wall" as in progress dwg's - CD Rev 1 progress set.
  - a. An allowance approximately 770 LF of additional tie-rods is included for the seawall per drawings S-01.
  - b. An allowance is included for added plate and anchors per detail 4/S-10-R on sheet S-10-R. Thornton Thomesetti approved galvanized material in lieu of the stainless steel as indicated. Therefore, the allowance is based on galvanized materials.
  - c. Our proposal is based on Thornton Thomesetti committing to raising the tieback deadmen and wall cap bottoms to be above the water line.

### 03B Cast-in-place Concrete

1. Cast-in-place concrete included in Partial Guaranteed Maximum Price is as follows:

# SKANSKA

## Section 3 – Bid Package Specific Assumptions and Clarifications

City of St. Petersburg

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- a. Three 24" x 24" x 4'-6" Cast-in-place Columns are included for a total of 4cuyds. Columns reinforcing is included at 250lbs/cuyd.
  - b. (3) Column Foundations 4'x4"x16" Deep is included. Column foundation reinforcing is included at 150lbs/cuyd.
  - c. The retaining wall is 12" thick x 4'-6" Tall x 307'-4" Long = 56cy
  - d. Concrete Compressive Strength for the columns, retaining wall and foundations are 4000 psi in 28 days.
  - e. 12" Cast-in-place Retaining Wall. The wall portion that is included will be placed up to the same elevation as the walkway between the retaining wall and the seawall. The remainder of the wall will be completed in the final Guaranteed Maximum Price. 250 lbs. per cuyd is included for the wall.
  - f. Retaining Wall Foundations include cast in place concrete 6' Wide x 3' Deep x Cont. 150lbs. per cuyd is included for the foundations.
  - g. Form liner premium at retaining wall is not included for Partial Guaranteed Maximum Price since the wall provided will be below grade.
  - h. 120 tons of 57 stone have been included below the retaining wall foundation for required compaction. Dewatering will be provided prior to excavation during foundation placing. This is required due to the wall foundation is below existing bay bottom.
2. All Concrete on deck or on grade other than listed above is not included in Partial Guaranteed Maximum Price and will be provided in the Final Guaranteed Maximum Price at a later date.

### 21A Fire Protection Sleeving in Concrete

1. Sleeves will be provided. Piping is not included in Partial Guaranteed Maximum Price.

### 22A Plumbing Sleeving in Concrete

1. Sleeves will be provided. Piping is not included in Partial Guaranteed Maximum Price.

### 23A HVAC Raceways & Sleeving in Concrete

1. Conduits for refrigerant lines and sleeves will be provided. Refrigerant lines are not included in this Partial Guaranteed Maximum Price.

# **SKANSKA**

## **Section 3 – Bid Package Specific Assumptions and Clarifications**

**City of St. Petersburg  
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### **26A Electrical & Low Voltage Raceways & Sleeving in Concrete**

1. Conduits for power and low voltage lines and sleeves will be provided. Wire & Cable are not included in this Partial Guaranteed Maximum Price.

### **31A Sitework, Demolition & Removal**

1. Demolition includes cutting and capping of utilities as required for performing the marine structural Partial Guaranteed Maximum Price scope of work. Clearing of existing slabs and structures is limited to the scope of work required to perform the marine structural Partial Guaranteed Maximum Price.
2. Removal of unsuitable sub surface materials at the proposed seawall and Tilted Lawn wall deep foundations is excluded.
3. All sitework other than the excavation and backfill required for the seawall and retaining wall foundations is not included in this Partial Guaranteed Maximum Price and will be provided in the Final Guaranteed Maximum Price.

### **32A Landscape & Irrigation Sleeving in Concrete**

1. Irrigation sleeves will be provided. Piping is not included and will be provided in the Final Guaranteed Maximum Price. Sleeves are based on attached landscape sheets L500 through L504 included in Section 10-Supplemental Information.

# SKANSKA

## Section 4 – General Qualifications and Clarifications

City of St. Petersburg  
The New St. Petersburg Pier

Partial Guaranteed Maximum Price Proposal  
Marine Structural Scope of Work  
May 17, 2017

General qualifications and clarifications listed below identify items that are not included within the base scope of this Project or otherwise clarify commercial and other terms upon which this Partial Guaranteed Maximum Price is based. The qualifications also clarify scope that will be provided by others:

1. The documents in Section 10 – Supplemental Information, take precedence over the documents in Section 9 – Document Log.
2. In preparing the Partial Guaranteed Maximum Price and the Project schedule, Skanska understands and assumes that the marine construction documents, sheets S-00 through S-16-R are 100% complete while associated MEP, Fire Protection, Conduit Raceway and Sleeving Drawings are 50% complete in order to locate sleeves and raceways in the structural deck only. The documents identified in Section 10 Supplemental Information are not fully designed, but are assumed to be fully coordinated. Furthermore, it is assumed that such documents are fully code compliant, will be accepted by the appropriate agencies and other applicable parties including the Owner's lenders and insurers, and are fit for the Owner's intended purpose.
3. Threshold inspection costs are not included.
4. Building and all other Project-related permit costs are not included.
5. Use of union labor/prevailing wage is not included.
6. Testing and inspection services are included in Section 5 –Allowances.
7. Delegated design is not included, except as expressly provided in Paragraph 7 of Section 3-Bid Package Specific Assumptions and Clarifications.
8. Notwithstanding anything to the contrary elsewhere in the Contract Documents, the labor and other indirect scope items for which Skanska will be compensated on a lump sum basis are specified in Table 4-1 (the "General Conditions Costs"). Any scope item not expressly specified in Table 4-1 and that is otherwise a permissible Cost of the Work shall be reimbursed pursuant to the other provisions of the Contract Documents. The General Conditions Costs included in this Partial Guaranteed Maximum Price only cover the Work contemplated by Partial Guaranteed Maximum Price and additional lump sum General Conditions Costs will be added in Final Guaranteed Maximum Price.

# SKANSKA

## Section 4 – General Qualifications and Clarifications

City of St. Petersburg

The New St. Petersburg Pier

Partial Guaranteed Maximum Price Proposal

Marine Structural Scope of Work

May 17, 2017

9. Skanska shall furnish a Contractor Controlled Insurance Program ("CCIP") providing for the insurance coverages identified in Sections 9.1, 9.2 and 9.3 below. The cost of the CCIP is included in the Cost of the Work included in the Guaranteed Maximum Price calculation. The CCIP shall only cover on-site exposures and enrolled participants. Owner shall pay Skanska for CCIP premiums calculated as 2.58% of the Guaranteed Maximum Price,
  - 9.1 On-Site General Liability, including Products & Completed Operations coverage for ten (10) years;
  - 9.2 On-Site Workers Compensation and Employers Liability, including USL&H and Jones Act coverage;
  - 9.3 \$100M in Excess Liability Limits
10. The Final Schedule and Substantial Completion Date will be finalized based on a mutually agreed to Partial Guaranteed Maximum Price for the balance of the work and a Notice to Proceed date. If the NTP is not issued by the date agreed to, the schedule will adjust accordingly.
11. The height of the piling crane & construction equipment is anticipated to reach an elevation 185 ft. above mean low high tide. Skanska has submitted the application for approval of the needed elevations for equipment, etc. during construction to the Federal Aviation Authority (FAA). This Partial GMP Proposal is based on the assumption that unconditional and timely approval for the use of equipment operating at this elevation shall be obtained. In the event use of equipment operating at the proposed elevation is not approved, and different restrictions are mandated which result in additional costs, such restrictions shall be deemed a Change entitling Skanska to reimbursement for additional costs and an equitable adjustment in the Contract Time.
12. Partial Guaranteed Maximum Price is based on the assumption that (i) the Partial Guaranteed Maximum Price Amendment will be finalized and executed by the parties on or before June 8, 2017, (ii) the Notice to Proceed for Work on the Partial GMP will be issued on or before June 15, 2017. If not, Schedule will be shifted out to the date of the NTP issuance.
13. In lieu of bonding its Subcontractors, Skanska shall maintain subcontractor default insurance ("SDI") for the protection of the Skanska and the Owner against the default of Subcontractors. The cost of the SDI program will be included in the Cost of the Work included in the Guaranteed Maximum Price calculation. Owner shall pay Skanska for SDI premiums calculated as 1.42% of the Cost of the Work less General Conditions Costs for SDI.

# SKANSKA

## Section 4 – General Qualifications and Clarifications

City of St. Petersburg  
The New St. Petersburg Pier

Partial Guaranteed Maximum Price Proposal  
Marine Structural Scope of Work  
May 17, 2017

14. The Partial Guaranteed Maximum Price for the marine structural work and the Partial Guaranteed Maximum Price for the balance of the work will be combined and collectively known as the Guaranteed Maximum Price so that there is a single Guaranteed Maximum Price and only one required Substantial Completion Date and one required Final Completion Date. Any overruns or savings in the Partial Guaranteed Maximum Price for the marine structural work can apply to the combined Guaranteed Maximum Price.
15. Buyout savings, if any realized through the procurement process are to revert back to project contingency per Section 2.2.4.1 of the Agreement.

**Table 4-1  
Scope of General Conditions Costs**

- Staffing
- Prints and Records (printing / storage / filing)
- Progress photos on a monthly basis
- Designated temporary signage
- Water access "Crew Boat" & boat expenses, maintenance, dockage, fuel, registration & License
- Postage / courier
- Courier / delivery services
- One copier
- One large document copier
- Office Security
- Water / Coffee Service
- Office supplies
- Trailer cleanup
- Temporary utilities hookup at trailer / consumption
- Telephone system & monthly phone cost
- Internet service / monthly cost
- Computers / software / video conferencing equipment for contractor's personnel only
- Prolog/Software/License Fees
- ProCor/Software/License Fees
- Check Processing Fees
- Safety Signage & Maintenance
- PPE Safety Equipment (staff) for contractor's personnel only
- Small tools, excluding any such tools provided by subcontractors
- One off road vehicle and one pickup truck
- Vehicle Fuel

# **SKANSKA**

## **Section 5 – Allowances**

City of St. Petersburg  
The New St. Petersburg Pier

Partial Guaranteed Maximum Price Proposal  
Marine Structural Scope of Work  
May 17, 2017

In order to provide Partial Guaranteed Maximum Price per Owner's requested delivery date, a number of cost allowances had to be established. These allowances are intended to provide for all direct construction costs associated with each of these items. Indirect costs are not included in allowances.

- |   |          |
|---|----------|
| 1. Concrete Sampling, Testing and Breaks for Marine Structural Deck   | \$25,000 |
| 2. Additional 770 lf of additional tie rod length                     | \$15,000 |
| 3. Added galvanized plate and anchors at detail 4/S-10-R sheet S-10-R | \$10,000 |

**SKANSKA**

## **3 Document Log**

The Document Log that follows represents the information that forms the Basis of the GMP and associated clarifications defined herein.

## Document Log

Discipline	Drawing No.	Drawing Title	Revision No.	Drawing Date	Set Name
Architectural	A0.00	Cover	0	5/19/2017	100 % CD
Architectural	A0.11	Drawing Sheet Index	2	7/31/2017	ASI #1
Architectural	A0.12	Drawing Sheet Index	2	7/31/2017	ASI #1
Architectural	A0.13	General Project Information	1	6/28/2017	Addendum 1
Architectural	A0.14	UL ASSEMBLIES & FIRE RESISTANCE RATINGS	0	5/19/2017	100 % CD
Architectural	A1.00	OVERALL SITEPLAN	1	6/28/2017	Addendum 1
Architectural	A1.01	SITE PLAN ZONE 1	1	6/28/2017	Addendum 1
Architectural	A1.02	Site Plan Zone 2	1	6/28/2017	Addendum 1
Architectural	A1.03	SITE PLAN ZONE 3	0	5/19/2017	100 % CD
Architectural	A1.10	SITE ELEVATIONS & SECTIONS	0	5/19/2017	100 % CD
Architectural	A1.11	OVERALL SITE PERSPECTIVES	0	5/19/2017	100 % CD
Architectural	A1.15	BUILDING LOCATION - PAVILION	1	6/28/2017	Addendum 1
Architectural	A1.16	Building Location- Flight Deck	0	5/19/2017	100 % CD
Architectural	A1.17	BUILDING LOCATION - EDUCATION CENTER	0	5/19/2017	100 % CD
Architectural	A1.18	Building Location- Pier Head	0	5/19/2017	100 % CD
Architectural	A1.20	SITE DETAILS	1	6/28/2017	Addendum 1
Architectural	A1.21	SEAWALL BELOW	0	5/19/2017	100 % CD
Architectural	A1.22	SITE DETAILS	1	6/28/2017	Addendum 1
Architectural	A1.23	SITE DETAILS @ LAWN BOWL	1	6/28/2017	Addendum 1
Architectural	A1.24	PAVING PATTERN & SITE DETAILS	1	6/28/2017	Addendum 1
Architectural	A1.30	SLOPED STAIR - FISH DOCK	0	5/19/2017	100 % CD
Architectural	A1.31	WET CLASSROOM - STAIR	1	6/28/2017	Addendum 1
Architectural	A1.40	TILTED LAWN PLANS	1	6/28/2017	Addendum 1
Architectural	A1.41	TILTED LAWN- PLANS+ WALL SECTIONS	1	6/28/2017	Addendum 1
Architectural	A1.42	TILTED LAWN - SECTION + DETAILS	1	6/28/2017	Addendum 1
Architectural	A1.50	RAILING LOCATION PLAN	1	6/28/2017	Addendum 1
Architectural	A1.51	RAILING LOCATION PLAN	1	6/28/2017	Addendum 1

Architectural	A1.52	RAILING LOCATION PLAN	1	6/28/2017	Addendum 1
Architectural	A1.53	RAILING LOCATION PLAN	1	6/28/2017	Addendum 1
Architectural	A1.55	RAILING ELEVATIONS & DETAILS	1	6/28/2017	Addendum 1
Architectural	A1.56	RAILING ELEVATIONS & DETAILS	1	6/28/2017	Addendum 1
Architectural	A1.57	RAILING ELEVATIONS & DETAILS	1	6/28/2017	Addendum 1
Architectural	A1.80	FLOATING DOCK PLAN	1	6/28/2017	Addendum 1
Architectural	A1.90	FLIGHT DECK	1	6/28/2017	Addendum 1
Architectural	A1.91	FLIGHT DECK - ELEVATIONS	1	6/28/2017	Addendum 1
Architectural	A1.92	FLIGHT DECK - SECTION	1	6/28/2017	Addendum 1
Architectural	A1.93	FLIGHT DECK - DETAILS	1	6/28/2017	Addendum 1
Architectural	A2.01	PIERHEAD - FLOOR PLAN - LEVEL 01 PIER DECK	1	6/28/2017	Addendum 1
Architectural	A2.02	PIERHEAD - FLOOR PLAN - LEVEL 02 PATIO	1	6/28/2017	Addendum 1
Architectural	A2.03	PIERHEAD - FLOOR PLAN - LEVEL 03 STORAGE	1	6/28/2017	Addendum 1
Architectural	A2.04	PIERHEAD - FLOOR PLAN - LEVEL 04 RESTAURANT	1	6/28/2017	Addendum 1
Architectural	A2.05	PIERHEAD - FLOOR PLAN - LEVEL 05 ROOF DECK	1	6/28/2017	Addendum 1
Architectural	A2.06	PIERHEAD - FLOOR PLAN - LEVEL 06 MECHANICAL PENTHOUSE	0	5/19/2017	100 % CD
Architectural	A2.07	PIERHEAD - FLOOR PLAN - CANOPY	1	6/28/2017	Addendum 1
Architectural	A2.11	PIERHEAD - EDGE OF SLAB PLAN - LEVEL 01 PIER DECK	1	6/28/2017	Addendum 1
Architectural	A2.11A	PIERHEAD - TOPPING SLAB PLAN - LEVEL 01 PIER DECK	1	6/28/2017	Addendum 1
Architectural	A2.12	PIERHEAD - EDGE OF SLAB PLAN - LEVEL 02 PATIO	1	6/28/2017	Addendum 1
Architectural	A2.12A	PIERHEAD - TOPPING SLAB PLAN - LEVEL 02 PATIO	1	6/28/2017	Addendum 1
Architectural	A2.13	PIERHEAD - EDGE OF SLAB PLAN - LEVEL 3 STORAGE MEZZANINE	1	6/28/2017	Addendum 1
Architectural	A2.13A	PIERHEAD - TOPPING SLAB PLAN - LEVEL 3 STORAGE MEZZANINE	1	6/28/2017	Addendum 1
Architectural	A2.14	PIERHEAD - EDGE OF SLAB PLAN - LEVEL 04 RESTAURANT	0	5/19/2017	100 % CD
Architectural	A2.14A	PIERHEAD - TOPPING SLAB PLAN - LEVEL 04 RESTAURANT	1	6/28/2017	Addendum 1

Architectural	A2.14A	PIERHEAD - TOPPING SLAB PLAN - LEVEL 04 RESTAURANT	1	6/28/2017	Addendum 1
Architectural	A2.14B	PIERHEAD - REFLECTED EDGE OF SLAB - LEVEL 04 DINING	0	5/19/2017	100 % CD
Architectural	A2.15	PIERHEAD - EDGE OF SLAB PLAN - LEVEL 05 ROOF DECK	1	6/28/2017	Addendum 1
Architectural	A2.15A	PIERHEAD - TOPPING SLAB PLAN - LEVEL 05 ROOF DECK	1	6/28/2017	Addendum 1
Architectural	A2.15B	PIERHEAD - REFLECTED EDGE OF SLAB - LEVEL 05 ROOF DECK	0	5/19/2017	100 % CD
Architectural	A2.16	PIERHEAD - EOS PLAN - MECHANICAL PENT-HOUSE	0	5/19/2017	100 % CD
Architectural	A2.21	PIERHEAD - REFLECTED CEILING PLAN - LEVEL 1 PIER DECK	1	6/28/2017	Addendum 1
Architectural	A2.22	PIERHEAD - REFLECTED CEILING PLAN - LEVEL 2 PATIO	1	6/28/2017	Addendum 1
Architectural	A2.23	PIERHEAD - REFLECTED CEILING PLAN - LEVEL 3 STORAGE MEZZANINE	1	6/28/2017	Addendum 1
Architectural	A2.24	PIERHEAD - REFLECTED CEILING PLAN - LEVEL 4	1	6/28/2017	Addendum 1
Architectural	A2.25	PIERHEAD - REFLECTED CEILING PLAN - LEVEL 5 ROOF DECK	1	6/28/2017	Addendum 1
Architectural	A2.26	PIERHEAD - REFLECTED CEILING PLAN - CANOPY	1	6/28/2017	Addendum 1
Architectural	A2.30	PIERHEAD - ELEVATION NORTH	1	6/28/2017	Addendum 1
Architectural	A2.31	PIERHEAD - ELEVATION EAST	1	6/28/2017	Addendum 1
Architectural	A2.32	PIERHEAD - ELEVATION SOUTH	0	5/19/2017	100 % CD
Architectural	A2.33	PIERHEAD - ELEVATION WEST	0	5/19/2017	100 % CD
Architectural	A2.34	PIERHEAD - ENLARGED CONCRETE ELEVATIONS	1	6/28/2017	Addendum 1
Architectural	A2.35	PIERHEAD - ENLARGED CONCRETE ELEVATIONS	0	5/19/2017	100 % CD
Architectural	A2.36	PIERHEAD - ENLARGED CONCRETE ELEVATIONS	0	5/19/2017	100 % CD
Architectural	A2.37	PIERHEAD - ENLARGED CONCRETE ELEVATIONS	0	5/19/2017	100 % CD
Architectural	A2.41	PIERHEAD - SECTION - LOOKING SOUTH	0	5/19/2017	100 % CD
Architectural	A2.42	PIERHEAD - SECTION - LOOKING SOUTH	1	6/28/2017	Addendum 1
Architectural	A2.43	PIERHEAD - SECTION - LOOKING SOUTH	1	6/28/2017	Addendum 1
Architectural	A2.44	PIERHEAD - SECTION - LOOKING SOUTH	1	6/28/2017	Addendum 1
Architectural	A2.45	PIERHEAD - SECTION - LOOKING SOUTH	0	5/19/2017	100 % CD
Architectural	A2.46	PIERHEAD - SECTION - LOOKING NORTH	0	5/19/2017	100 % CD
Architectural	A2.47	PIERHEAD - SECTION - LOOKING NORTH	0	5/19/2017	100 % CD
Architectural	A2.48	PIERHEAD - SECTION - LOOKING NORTH	1	6/28/2017	Addendum 1

Architectural	A2.49	PIERHEAD - SECTION - LOOKING EAST	0	5/19/2017	100 % CD
Architectural	A2.50	PIERHEAD - WALL SECTIONS DETAILS	0	5/19/2017	100 % CD
Architectural	A2.51	PIERHEAD - WALL SECTIONS DETAILS	1	6/28/2017	Addendum 1
Architectural	A2.52	PIERHEAD - WALL SECTIONS DETAILS	1	6/28/2017	Addendum 1
Architectural	A2.53	PIERHEAD - WALL SECTIONS DETAILS RAINSCREEN	1	6/28/2017	Addendum 1
Architectural	A2.54	PIERHEAD - WALL SECTIONS DETAILS RAINSCREEN	1	6/28/2017	Addendum 1
Architectural	A2.55	PIERHEAD - WALL SECTIONS DETAILS	1	6/28/2017	Addendum 1
Architectural	A2.56	PIERHEAD - WALL SECTIONS DETAILS	1	6/28/2017	Addendum 1
Architectural	A2.57	PIERHEAD - WALL SECTIONS DETAILS	1	6/28/2017	Addendum 1
Architectural	A2.58	PIERHEAD - DETAILS CIP STAIRS	1	6/28/2017	Addendum 1
Architectural	A2.59	PIERHEAD - ROOF DETAILS	0	5/19/2017	100 % CD
Architectural	A2.61	PIERHEAD - ENLARGED FLOOR PLANS ELEVATIONS RESTROOMS LEVEL 1	1	6/28/2017	Addendum 1
Architectural	A2.62	PIERHEAD - ENLARGED FLOOR PLANS ELEVATIONS ELEVATOR LOBBY LEVEL 2	1	6/28/2017	Addendum 1
Architectural	A2.63	PIERHEAD - ENLARGED FLOOR PLAN ELEVATIONS	0	5/19/2017	100 % CD
Architectural	A2.64	PIERHEAD - ENLARGED FLOOR PLAN ELEVATIONS LEVEL 5	0	5/19/2017	100 % CD
Architectural	A2.65	PIERHEAD - INTERIOR ELEVATIONS	0	5/19/2017	100 % CD
Architectural	A2.66	PIERHEAD - INTERIOR ELEVATIONS	1	6/28/2017	Addendum 1
Architectural	A2.71	PIERHEAD - FIRE STAIR SERVICE ELEVATOR	1	6/28/2017	Addendum 1
Architectural	A2.72	PIERHEAD - FIRE STAIR ISOMETRIC	0	5/19/2017	100 % CD
Architectural	A2.73	PIERHEAD - ELEVATOR PLANS SECTIONS	0	5/19/2017	100 % CD
Architectural	A2.75	PIERHEAD - RAILING DETAILS	1	6/28/2017	Addendum 1
Architectural	A2.76	PIERHEAD - RAILING DETAILS	1	6/28/2017	Addendum 1
Architectural	A2.81	PIERHEAD - INTERIOR DETAILS	0	5/19/2017	100 % CD
Architectural	A2.90	PIERHEAD - CANOPY DETAILS	1	6/28/2017	Addendum 1
Architectural	A3.01	EDUCATION CENTER - CONSTRUCTION PLAN	0	5/19/2017	100 % CD
Architectural	A3.02	EDUCATION CENTER - EDGE OF SLAB	0	5/19/2017	100 % CD
Architectural	A3.03	EDUCATION CENTER - ROOF PLAN	0	5/19/2017	100 % CD
Architectural	A3.11	EDUCATION CENTER - REFLECTED CEILING PLAN	1	6/28/2017	Addendum 1

Architectural	A3.30	EDUCATION CENTER - EXTERIOR ELEVATIONS	1	6/28/2017	Addendum 1
Architectural	A3.31	EDUCATION CENTER - EXTERIOR ELEVATIONS	1	6/28/2017	Addendum 1
Architectural	A3.32	EDUCATION CENTER - ENLARGED CONCRETE	1	6/28/2017	Addendum 1
Architectural	A3.40	EDUCATION CENTER - BUILDING SECTIONS	1	6/28/2017	Addendum 1
Architectural	A3.41	EDUCATION CENTER - DETAILS	1	6/28/2017	Addendum 1
Architectural	A3.42	EDUCATION CENTER - CANOPY DETAILS	1	6/28/2017	Addendum 1
Architectural	A3.61	EDUCATION CENTER - ENLARGED PLANS	1	6/28/2017	Addendum 1
Architectural	A4.01	PAVILION - CONSTRUCTION PLAN	1	6/28/2017	Addendum 1
Architectural	A4.02	PAVILION - EDGE OF SLAB	1	6/28/2017	Addendum 1
Architectural	A4.03	PAVILION - CONTROLJOINTS	1	6/28/2017	Addendum 1
Architectural	A4.04	PAVILION - ROOF PLAN	1	6/28/2017	Addendum 1
Architectural	A4.05	PAVILION - REFLECTED CEILING PLAN	1	6/28/2017	Addendum 1
Architectural	A4.11	PAVILION - EASTWEST ELEVATIONS	1	6/28/2017	Addendum 1
Architectural	A4.12	PAVILION - NORTH SOUTH ELEVATIONS	1	6/28/2017	Addendum 1
Architectural	A4.13	PAVILION - ENLARGED CONCRETE ELEVATIONS	1	6/28/2017	Addendum 1
Architectural	A4.14	PAVILION - ENLARGED CONCRETE ELEVATIONS	1	6/28/2017	Addendum 1
Architectural	A4.21	PAVILION - BUILDING SECTION	1	6/28/2017	Addendum 1
Architectural	A4.22	PAVILION - BUILDING SECTION	1	6/28/2017	Addendum 1
Architectural	A4.31	PAVILION - DETAILS	1	6/28/2017	Addendum 1
Architectural	A4.32	PAVILION - CANOPY DETAILS	1	6/28/2017	Addendum 1
Architectural	A4.33	PAVILION - RAMP & STAIRS DETAILS	1	6/28/2017	Addendum 1
Architectural	A4.41	PAVILION - INTERIOR ELEVATIONS	1	6/28/2017	Addendum 1
Architectural	A9.01	DOOR & FRAME SCHEDULE	1	6/28/2017	Addendum 1
Architectural	A9.02	WALL TYPES	1	6/28/2017	Addendum 1
Architectural	A9.03	WINDOW SCHEDULE - PIERHEAD - LEVEL 1&2	0	5/19/2017	100 % CD
Architectural	A9.04	WINDOW SCHEDULE - PIERHEAD - LEVEL 4 & 5	1	6/28/2017	Addendum 1
Architectural	A9.05	WINDOW SCHEDULE - EDUCATION CENTER	1	6/28/2017	Addendum 1
Civil	C.1	GENERAL NOTES	0	5/19/2017	100 % CD

Civil	C.2	EXISTING CONDITIONS MAP	0	5/19/2017	100 % CD
Civil	C.2A	SITE DEMOLITION PLAN	0	5/19/2017	100 % CD
Civil	C.3	MASTER SITE PLAN	0	5/19/2017	100 % CD
Civil	C.4	2ND AVENUE CONNECTION SITE PLAN	0	5/19/2017	100 % CD
Civil	C.5	PIER CONNECTION AT SEAWALL SITE PLAN	0	5/19/2017	100 % CD
Civil	C.6	MID PIER SITE PLAN	0	5/19/2017	100 % CD
Civil	C.7	PIER HEAD SITE PLAN	0	5/19/2017	100 % CD
Civil	C.8	SPA BEACH SITE PLAN	0	5/19/2017	100 % CD
Civil	C.9	MASTER DRAINAGE PLAN	0	5/19/2017	100 % CD
Civil	C.10	2ND AVENUE CONNECTION DRAINAGE PLAN	1	6/28/2017	Addendum 1
Civil	C.11	PIER CONNECTIN AT SEAWALL DRAINAGE PLAN	1	6/28/2017	Addendum 1
Civil	C.12	MID PIER DRAINAGE PLAN	1	6/28/2017	Addendum 1
Civil	C.13	PIER HEAD DRAINAGE PLAN	1	6/28/2017	Addendum 1
Civil	C.14	SPA BEACH DRAINAGE PLAN	0	5/19/2017	100 % CD
Civil	C.15	SITE DETAILS	0	5/19/2017	100 % CD
Civil	C.16	DRAINAGE DETAILS	0	5/19/2017	100 % CD
Civil	C.17	DRAINAGE DETAILS	0	5/19/2017	100 % CD
Civil	C.18	WASTEWATER DETAILS	0	5/19/2017	100 % CD
Civil	C.19	WASTEWATER PUMP STATION 1	0	5/19/2017	100 % CD
Civil	C.20	WASTEWATER PUMP STATION 2	0	5/19/2017	100 % CD
Civil	C.21	CONCRETE WETWELL	0	5/19/2017	100 % CD
Civil	C.22	WATER DETAILS	0	5/19/2017	100 % CD
Civil	C.23	2ND AVENUE CONNECTION BEST MANAGEMENT PRACTICE PLAN	0	5/19/2017	100 % CD
Electrical	E0.01	ELECTRICAL LEGEND, GENERAL NOTES & SHEET INDEX	0	5/19/2017	100 % CD
Electrical	E0.02	ELECTRICAL MECHCANICAL EQUIPMENT SCHEDULE & LUMINAIRE SCHEDULES	0	5/19/2017	100 % CD
Electrical	E1.01	SITE AND MARINE CONSTRUCTION - CONSTRUCTION DOCUMENTS	1	6/28/2017	Addendum 1
Electrical	E1.11	ENLARGED SITE LIGHTING PLAN - APPROACH	1	6/28/2017	Addendum 1
Electrical	E1.12	ENLARGED SITE LIGHTING PLAN - CENTER SPAN	0	5/19/2017	100 % CD

Electrical	E1.13	ENLARGED SITE LIGHTING PLAN - PIER HEAD DECK	0	5/19/2017	100 % CD
Electrical	E1.21	ENLARGED SITE POWER PLAN - APPROACH	0	5/19/2017	100 % CD
Electrical	E1.22	ENLARGED SITE POWER PLAN - CENTER SPAN	0	5/19/2017	100 % CD
Electrical	E1.23	ENLARGED SITE POWER PLAN - PIER HEAD DECK	0	5/19/2017	100 % CD
Electrical	E2.01	PIER HEAD - LIGHTING PLAN - LEVEL 01 PIER DECK	1	6/28/2017	Addendum 1
Electrical	E2.02	PIER HEAD - LIGHTING PLAN - LEVEL 02 PATIO/CAFE LEVEL	1	6/28/2017	Addendum 1
Electrical	E2.03	PIER HEAD - LIGHTING PLAN - LEVEL 03 TERRACE/STORAGE LEVEL	1	6/28/2017	Addendum 1
Electrical	E2.04	PIER HEAD - LIGHTING PLAN - LEVEL 04 RESTAURANT	1	6/28/2017	Addendum 1
Electrical	E2.05	PIER HEAD - LIGHTING PLAN - LEVEL 05 ROOF DECK	1	6/28/2017	Addendum 1
Electrical	E2.06	PIER HEAD - LIGHTING PLAN - LEVEL 07 ROOF CANOPY	1	6/28/2017	Addendum 1
Electrical	E2.07	PIER HEAD - POWER PLAN - LEVEL 01 PIER DECK	1	6/28/2017	Addendum 1
Electrical	E2.08	PIER HEAD - POWER PLAN - LEVEL 02 PATIO/CAFE LEVEL	1	6/28/2017	Addendum 1
Electrical	E2.09	PIER HEAD - POWER PLAN - LEVEL 03 TERRACE/STORAGE LEVEL	1	6/28/2017	Addendum 1
Electrical	E2.10	PIER HEAD - POWER PLAN - LEVEL 04 RESTAURANT	1	6/28/2017	Addendum 1
Electrical	E2.11	PIER HEAD - POWER PLAN - LEVEL 05 ROOF DECK	0	5/19/2017	100 % CD
Electrical	E2.12	PIER HEAD - POWER PLAN - LEVEL 06 PENTHOUSE	0	5/19/2017	100 % CD
Electrical	E2.13	PIER HEAD FIRE ALARM PLAN - LEVEL 01 PIER DECK	1	6/28/2017	Addendum 1
Electrical	E2.14	PIER HEAD FIRE ALARM PLAN - LEVEL 02 PATIO/CAFE LEVEL	0	5/19/2017	100 % CD
Electrical	E2.15	PIER HEAD FIRE ALARM PLAN - LEVEL 03 TERRACE/STORAGE LEVEL	0	5/19/2017	100 % CD
Electrical	E2.16	PIER HEAD FIRE ALARM PLAN - LEVEL 04 RESTAURANT	0	5/19/2017	100 % CD
Electrical	E2.17	PIER HEAD FIRE ALARM PLAN - LEVEL 05 ROOF DECK	0	5/19/2017	100 % CD
Electrical	E2.18	PIER HEAD FIRE ALARM PLAN - LEVEL 06 PENTHOUSE	0	5/19/2017	100 % CD
Electrical	E3.01	EDUCATION CENTER - LIGHTING & POWER PLANS	1	6/28/2017	Addendum 1
Electrical	E3.02	EDUCATION CENTER - FIRE ALARM PLAN	0	5/19/2017	100 % CD
Electrical	E4.01	PAVILION BUILDING - LIGHTING & POWER PLANS	1	6/28/2017	Addendum 1
Electrical	E5.01	FLIGHT DECK & FLOATING PLATFORM - LIGHTING & POWER PLANS	1	6/28/2017	Addendum 1
Electrical	E7.01	ELECTRICAL DETAILS	0	5/19/2017	100 % CD
Electrical	E7.02	ELECTRICAL DETAILS	0	5/19/2017	100 % CD

Electrical	E9.01	PIER HEAD POWER RISER DIAGRAM AND PANEL SCHEDULES	1	6/28/2017	Addendum 1
Electrical	E9.02	PIER HEAD PANEL SCHEDULES	1	6/28/2017	Addendum 1
Electrical	E9.03	EDUCATION POWER RISER DIAGRAM AND PANEL SCHEDULES	1	6/28/2017	Addendum 1
Electrical	E9.04	PAVILION POWER RISER DIAGRAM AND PANEL SCHEDULES	1	6/28/2017	Addendum 1
Fire Protection	FP0.01	FIRE PROTECTION SYMBOLS, LEGEND, NOTES AND INDEX	1	6/28/2017	Addendum 1
Fire Protection	FP2.01	PIERHEAD BUILDING - LEVEL 01 - PIER DECK - FIRE PROTECTION PLAN	1	6/28/2017	Addendum 1
Fire Protection	FP2.02	PIERHEAD BUILDING - LEVEL 02 - PATIO/CAFE LEVEL - FIRE PROTECTION PLAN	0	5/19/2017	100 % CD
Fire Protection	FP2.03	PIERHEAD BUILDING - LEVEL 03 - TERRACE/ STORAGE LEVEL - FIRE PROTECTION PLAN	0	5/19/2017	100 % CD
Fire Protection	FP2.04	PIERHEAD BUILDING - LEVEL 04 - RESTAURANT - FIRE PROTECTION PLAN	0	5/19/2017	100 % CD
Fire Protection	FP2.05	PIERHEAD BUILDING - LEVEL 05 - ROOF DECK - FIRE PROTECTION PLAN	0	5/19/2017	100 % CD
Fire Protection	FP3.01	EDUCATION CENTER BUILDING - FIRE PROTECTION PLAN	0	5/19/2017	100 % CD
Fire Protection	FP6.01	FIRE PROTECTION DETAILS	1	6/28/2017	Addendum 1
Landscape	L1.00	OVERALL LAYOUT PLAN	1	6/28/2017	Addendum 1
Landscape	L2.00	OVERALL HARDSCAPE PLAN	1	6/28/2017	Addendum 1
Landscape	L-2.01	PIER PLAZA HARDSCAPE PLAN	0	6/28/2017	Addendum 1
Landscape	L2.01	100 CONSTRUCTION DOCUMENTS	0	5/19/2017	100 % CD
Landscape	L2.02	COASTAL THICKET 11063- HARDSCAPE PLAN L2.02	0	5/19/2017	100 % CD
Landscape	L2.03	PIER HEAD HARDSCAPE PLAN	1	6/28/2017	Addendum 1
Landscape	L2.04	INTERACTIVE WATER 11063- FEATURE ENLARGEMENT L2.04	0	5/19/2017	100 % CD
Landscape	L3.04	INTERACTIVE WATER 11063- FEATURE ENLARGEMENT L3.04	0	5/19/2017	100 % CD
Landscape	L-201.2	PIER PLAZA HARDSCAPE DIMENSION PLAN	1	6/28/2017	Addendum 1
Landscape	L-205	HARDSCAPE DETAILS 11063- PIER PLAZA L-205	0	5/19/2017	100 % CD
Landscape	L-205.1	HARDSCAPE DETAILS PIER PLAZA	0	5/19/2017	100 % CD
Landscape	L-205.2	HARDSCAPE DETAILS PIER PLAZA	1	6/28/2017	Addendum 1
Landscape	L-206	COASTAL THICKET WALKWAY DETAILS	1	6/28/2017	Addendum 1
Landscape	L-206.1	HARDSCAPE DETAILS COASTAL THICKET	1	6/28/2017	Addendum 1
Landscape	L-206.2	HARDSCAPE DETAILS COASTAL THICKET	1	6/28/2017	Addendum 1
Landscape	L-206.3	HARDSCAPE DETAILS COASTAL THICKET	0	5/19/2017	100 % CD

Landscape	L-206.4	HARDSCAPE DETAILS COASTAL THICKET	0	5/19/2017	100 % CD
Landscape	L-207	HARDSCAPE DETAILS PIERHEAD	1	6/28/2017	Addendum 1
Landscape	L-207.1	HARDSCAPE DETAILS PIERHEAD	1	6/28/2017	Addendum 1
Landscape	L-207.2	HARDSCAPE DETAILS PIERHEAD	1	6/28/2017	Addendum 1
Landscape	L-207.3	PIERHEAD DETAILS	0	5/19/2017	100 % CD
Landscape	L-300	OVERALL GRADING PLAN	1	6/28/2017	Addendum 1
Landscape	L-301	PIER PLAZA GRADING PLAN	1	6/28/2017	Addendum 1
Landscape	L-302	COASTAL THICKET GRADING PLAN	1	6/28/2017	Addendum 1
Landscape	L-303	100 CONSTRUCTION DOCUMENTS	0	5/19/2017	100 % CD
Landscape	L-305	COASTAL THICKET 3 & 4 ELEVATIONS	1	6/28/2017	Addendum 1
Landscape	L-400	OVERALL LANDSCAPE LAYOUT PLAN	1	6/28/2017	Addendum 1
Landscape	L-401	PIER PLAZA TREE PLANTING PLAN	1	6/28/2017	Addendum 1
Landscape	L-401.1	PIER PLAZA TREE PLANTING PLAN DETAILS	1	6/28/2017	Addendum 1
Landscape	L-402	COASTAL THICKET TREE PLANTING PLAN	1	6/28/2017	Addendum 1
Landscape	L-403	PIER HEAD TREE PLANTING PLAN L-403	0	5/19/2017	100 % CD
Landscape	L-404	UNDERSTORY PLANTING- OVERALL LAYOUT PLAN	1	6/28/2017	Addendum 1
Landscape	L-405	PIER PLAZA UNDERSTORY PLANTING PLAN	1	6/28/2017	Addendum 1
Landscape	L-406	COASTAL THICKET UNDERSTORY PLANTING PLAN	1	6/28/2017	Addendum 1
Landscape	L-407	COASTAL THICKET - UNDERSTORY PLANTING PLAN L-407	0	5/19/2017	100 % CD
Landscape	L-408	PIERHEAD - UNDERSTORY PLANTING PLAN L-408	0	5/19/2017	100 % CD
Landscape	L-409	LANDSCAPE DETAILS	1	6/28/2017	Addendum 1
Landscape	L-410	LANDSCAPE DETAILS	1	6/28/2017	Addendum 1
Landscape	L-411	LANDSCAPE DETAILS	1	6/28/2017	Addendum 1
Landscape	L-412	TREE REMOVAL PLAN	1	6/28/2017	Addendum 1
Landscape	L-413	LANDSCAPE DETAILS	1	6/28/2017	Addendum 1
Landscape	L-500	IRRIGATION PLAN	1	6/28/2017	Addendum 1
Landscape	L-501	PIER PLAZA- IRRIGATION PLAN L-501	0	5/19/2017	100 % CD
Landscape	L-502	COASTAL THICKET IRRIGATION PLAN	1	6/28/2017	Addendum 1

Landscape	L-503	PIER HEAD - IRRIGATION PLAN L-503	0	5/19/2017	100 % CD
Landscape	L-504	IRRIGATION DETAILS L-504	0	5/19/2017	100 % CD
Landscape	LS1	OVERALL EXIT PLAN	0	5/19/2017	100 % CD
Landscape	LS2	PIER HEAD LEVEL 1 PIER - LIFE SAFETY PLAN	0	5/19/2017	100 % CD
Landscape	LS3	PIER HEAD LEVEL 2 PATIO - LIFE SAFETY PLAN	0	5/19/2017	100 % CD
Landscape	LS4	PIER HEAD LEVEL 3 MEZZANINE - LIFE SAFETY	0	5/19/2017	100 % CD
Landscape	LS5	PIERHEAD LEVEL 4 RESTUARANT - LIFE SAFETY PLAN	0	5/19/2017	100 % CD
Landscape	LS6	PIERHEAD LEVLE 5 ROOF DECK - LIFE SAFETY PLAN	0	5/19/2017	100 % CD
Landscape	LS7	EDUCATION CENTER - LIFE SAFETY PLAN	0	5/19/2017	100 % CD
Landscape	LS8	FLIGHT DECK - LIFE SAFETY PLAN	0	5/19/2017	100 % CD
Landscape	LS9	PAVILION - LIFE SAFETY PLAN	0	5/19/2017	100 % CD
Marine	B.1	COASTAL WORKS PLAN CONSTRUCTION DRWINGS - NOT VALID UNLESS SIGNED AND SEALED	0	5/19/2017	100 % CD
Marine	B.2	COASTAL SECTIONS BREAKWATERS CONSTRUCTION DRAWINGS - NOT VALID UNLESS SIGNED AND SEALED	0	5/19/2017	100 % CD
Marine	B.3	COASTAL SECTIONS BREAKWATER EXCAVATIONS & BREAKWATER	0	5/19/2017	100 % CD
Marine	B.4	BREAKWATER SECTIONS	0	5/19/2017	100 % CD
Marine	B.5	LIGHTED DAYMARKER DETAILS	0	5/19/2017	100 % CD
Marine Structural	S-00	GENERAL NOTES	0	5/19/2017	100 % CD
Marine Structural	S-01	PILE LAYOUT PLAN SHEET 1 OF 3	1	7/31/2017	ASI #1
Marine Structural	S-02	PILE LAYOUT PLAN SHEET 2 OF 3	1	7/31/2017	ASI #1
Marine Structural	S-03	PILE LAYOUT PLAN SHEET 3 OF 3	1	7/31/2017	ASI #1
Marine Structural	S-04	SECTIONS AND DETAILS	1	7/31/2017	ASI #1
Marine Structural	S-05	SECTIONS AND DETAILS	1	7/31/2017	ASI #1
Marine Structural	S-06	SECTIONS AND DETAILS	1	7/31/2017	ASI #1
Marine Structural	S-07	PILE SCHEDULE sheet 1 of 2	1	7/31/2017	ASI #1
Marine Structural	S-07A	PILE SCHEDULE sheet 2 of 2	1	7/31/2017	ASI #1
Marine Structural	S-08	ISSUED FOR CONSTRUCTION	0	5/19/2017	100 % CD
Marine Structural	S-09	TYPICAL SLAB REINFORCING SECTIONS	1	7/31/2017	ASI #1

Marine Structural	S-09A	TYPICAL SLAB REINFORCING DETAILS	0	5/19/2017	100 % CD
Marine Structural	S-10-R	REINFORCING PLAN - AREA 1	0	5/19/2017	100 % CD
Marine Structural	S-11-R	REINFORCING PLAN - AREAS 2 & 3	0	5/19/2017	100 % CD
Marine Structural	S-12-R	REINFORCEMENT PLAN - AREA 4	0	5/19/2017	100 % CD
Marine Structural	S-13-R	REINFORCING PLAN - AREA 5	0	5/19/2017	100 % CD
Marine Structural	S-14-R	REINFORCING PLAN - AREA 6	0	5/19/2017	100 % CD
Marine Structural	S-15-R	REINFORCING PLAN - AREA 7	0	5/19/2017	100 % CD
Marine Structural	S-16-R	REINFORCING PLAN - AREA 8	0	5/19/2017	100 % CD
Mechanical	M0.01	MECHANICAL LEGEND, GENERAL NOTES & SHEET INDEX	0	5/19/2017	100 % CD
Mechanical	M1.01	SITE AND MARINE CONSTRUCTION - CONSTRUCTION DOCUMENTS	0	5/19/2017	100 % CD
Mechanical	M1.02	SITE AND MARINE CONSTRUCTION - CONSTRUCTION DOCUMENTS	0	5/19/2017	100 % CD
Mechanical	M1.03	SITE AND MARINE CONSTRUCTION - CONSTRUCTION DOCUMENTS	0	5/19/2017	100 % CD
Mechanical	M2.01	PIERHEAD BUILDING - LEVEL 01 - PIER DECK - MECHANICAL PLAN	0	5/19/2017	100 % CD
Mechanical	M2.02	PIERHEAD BUILDING - LEVEL 02 - PATIO/CAFE LEVEL - MECHANICAL PLAN	0	5/19/2017	100 % CD
Mechanical	M2.03	PIERHEAD BUILDING - LEVEL 03 - TERRACE/ STORAGE LEVEL - MECHANICAL PLAN	0	5/19/2017	100 % CD
Mechanical	M2.04	PIERHEAD BUILDING - LEVEL 04 - RESTAURANT - MECHANICAL PLAN	0	5/19/2017	100 % CD
Mechanical	M2.05	LEVEL 05 - ROOF DECK - MECHANICAL PLAN	0	5/19/2017	100 % CD
Mechanical	M2.06	PIERHEAD BUILDING - LEVEL 06 - PENTHOUSE - MECHANICAL PLAN	0	5/19/2017	100 % CD
Mechanical	M3.01	EDUCATION CENTER BUILDING - MECHANICAL PLAN	0	5/19/2017	100 % CD
Mechanical	M4.01	PAVILION BUILDING - MECHANICAL PLAN	0	5/19/2017	100 % CD
Mechanical	M5.01	MECHANICAL SCHEDULES	1	6/28/2017	Addendum 1
Mechanical	M6.01	MECHANICAL DETAILS	0	5/19/2017	100 % CD
Mechanical	M6.02	MECHANICAL DETAILS	0	5/19/2017	100 % CD
Mechanical	M6.03	MECHANICAL DETAILS	0	5/19/2017	100 % CD
Mechanical	M6.04	MECHANICAL DETAILS	0	5/19/2017	100 % CD
Mechanical	M7.01	MECHANICAL CONTROLS	0	5/19/2017	100 % CD
Mechanical	M7.02	MECHANICAL VRV PIPE & WIRE DIAGRAMS	0	5/19/2017	100 % CD
Plumbing	P0.01	PLUMBING SYMBOLS, LEGEND,	1	6/28/2017	Addendum 1

Plumbing	P1.02	SITE AND MARINE CONSTRUCTION - CONSTRUCTION DOCUMENTS	0	5/19/2017	100 % CD
Plumbing	P1.03	SITE AND MARINE CONSTRUCTION - CONSTRUCTION DOCUMENTS	0	5/19/2017	100 % CD
Plumbing	P1.04	SITE AND MARINE CONSTRUCTION - CONSTRUCTION DOCUMENTS	0	5/19/2017	100 % CD
Plumbing	P1.05	SITE AND MARINE CONSTRUCTION - CONSTRUCTION DOCUMENTS	0	5/19/2017	100 % CD
Plumbing	P2.01	PIERHEAD BUILDING - LEVEL 01 - PIER DECK - PLUMBING PLAN	1	6/28/2017	Addendum 1
Plumbing	P2.02	PIERHEAD BUILDING - LEVEL 02 - PATIO/CAFE LEVEL - PLUMBING PLAN	1	6/28/2017	Addendum 1
Plumbing	P2.03	PIERHEAD BUILDING - LEVEL 03 - TERRACE/ STORAGE LEVEL - PLUMBING PLAN	0	5/19/2017	100 % CD
Plumbing	P2.04	PIERHEAD BUILDING - LEVEL 04 - RESTAURANT - PLUMBING PLAN	0	5/19/2017	100 % CD
Plumbing	P2.05	PIERHEAD BUILDING - LEVEL 05 - ROOF DECK - PLUMBING PLAN	0	5/19/2017	100 % CD
Plumbing	P2.06	PIERHEAD BUILDING - LEVEL 06 - PENTHOUSE - PLUMBING PLAN	0	5/19/2017	100 % CD
Plumbing	P3.01	EDUCATION CENTER BUILDING - PLUMBING PLAN	1	6/28/2017	Addendum 1
Plumbing	P4.01	PAVILION BUILDING - PLUMBING PLAN	0	5/19/2017	100 % CD
Plumbing	P5.01	ENLARGED PLANS AND ELEVATIONS	1	6/28/2017	Addendum 1
Plumbing	P6.01	PLUMBING DETAILS	0	5/19/2017	100 % CD
Plumbing	P7.01	PLUMBING ISOMETRICS - PAVILION AND EDUCATION CENTER	1	6/28/2017	Addendum 1
Plumbing	P7.02	PLUMBING ISOMETRIC - PIER HEAD PRESSURE SYSTEM	1	6/28/2017	Addendum 1
Plumbing	P7.03	PLUMBING ISOMETRIC - PIER HEAD GRAVITY SYSTEMS	1	6/28/2017	Addendum 1
POSTTENSION CONCRETE DRAWINGS	S1.0	PIERHEAD - LEVEL 2 FRAMING PLAN	0	5/19/2017	100 % CD
POST TENSION CONCRETE DRAWINGS	S1.0A	PIERHEAD - LEVEL 2 WALL REACTIONS	0	5/19/2017	100 % CD
POST TENSION CONCRETE DRAWINGS	S1.1	PIERHEAD - LEVEL 4 FRAMING PLAN	0	5/19/2017	100 % CD
POST TENSION CONCRETE DRAWINGS	S1.1A	PIRHEAD - LEVEL 4 WALL REACTIONS	0	5/19/2017	100 % CD
POST TENSION CONCRETE DRAWINGS	S1.2	PIERHEAD - LEVEL 5 FRAMING PLAN	0	5/19/2017	100 % CD
POST TENSION CONCRETE DRAWINGS	S1.2A	PIERHEAD - LEVEL 5 WALL REACTIONS	0	5/19/2017	100 % CD
POST TENSION CONCRETE DRAWINGS	S1.3	EDUCATIONAL CENTER - ROOF FRAMING PLAN	0	5/19/2017	100 % CD
POST TENSION CONCRETE DRAWINGS	S1.4	TILTED LAWN FRAMING PLAN	0	5/19/2017	100 % CD

<u>POST TENSION CONCRETE DRAWINGS</u>	S1.5	PAVILION ROOF FRAMING PLAN	0	5/19/2017	100 % CD
<u>POST TENSION CONCRETE DRAWINGS</u>	S2.0	SECTION & DETAILS	0	5/19/2017	100 % CD
<u>POST TENSION CONCRETE DRAWINGS</u>	S2.1	SECTION & DETAILS	0	5/19/2017	100 % CD
<u>POST TENSION CONCRETE DRAWINGS</u>	S2.2	TYPICAL SECTIONS & DETAILS	0	5/19/2017	100 % CD
<u>POST TENSION CONCRETE DRAWINGS</u>	S3.0	BEAM SCHEDULE	0	5/19/2017	100 % CD
Structural	S0.1	GENERAL NOTES	0	5/19/2017	100 % CD
Structural	S0.01	STRUCTURAL ABBREVIATIONS SYMBOLS SHEET INDEX AND LEGEND	1	6/28/2017	Addendum 1
Structural	S0.02	STRUCTURAL NOTES	1	6/28/2017	Addendum 1
Structural	S0.03	STRUCTURAL NOTES II	1	6/28/2017	Addendum 1
Structural	S0.04	STRUCTURAL NOTES III	0	5/19/2017	100 % CD
Structural	S0.05	WIND LOADING - PATIO/STORAGE	0	5/19/2017	100 % CD
Structural	S0.06	WIND LOADING - RESTAURANT/ROOF DECK	0	5/19/2017	100 % CD
Structural	S0.07	WIND LOADING - MECHANICAL PENTHOUSE/ CANOPY	0	5/19/2017	100 % CD
Structural	S0.08	WIND LOADING -- EDUCATION CENTER / PAVILLON / FLIGHT DECK	0	5/19/2017	100 % CD
Structural	S0.09	FLOOR LOADING PLANS	1	6/28/2017	Addendum 1
Structural	S2.01	ENGINEERING and CAPITAL IMPROVEMENTS DEPARTMENT CITY of ST. PETERSBURG	0	5/19/2017	100 % CD
Structural	S2.02	PIERHEAD-LEVEL 02- PATIO/CAFE LEVEL	1	6/28/2017	Addendum 1
Structural	S2.03	PIERHEAD-LEVEL 03- TERRACE/STORAGE LEVEL	1	6/28/2017	Addendum 1
Structural	S2.04	PIERHEAD-LEVEL 04- RESTAURANT LEVEL	1	6/28/2017	Addendum 1
Structural	S2.05	PIERHEAD - LEVEL 05 - ROOF DECK LEVEL	1	6/28/2017	Addendum 1
Structural	S2.06	PIERHEAD-LEVEL 06- MECHANICAL PENTHOUSE	1	6/28/2017	Addendum 1
Structural	S2.07	PIERHEAD - LEVEL 07 CANOPY - NORTH	1	6/28/2017	Addendum 1
Structural	S2.08	- LEVEL 07 CANOPY - SOUTH	1	6/28/2017	Addendum 1
Structural	S2.11	PIERHEAD - CORE WALL SECTIONS	0	5/19/2017	100 % CD
Structural	S2.12	PIERHEAD - NORTH CORE ELEVATIONS	1	6/28/2017	Addendum 1
Structural	S2.13	PIERHEAD - SOUTH CORE ELEVATIONS	0	5/19/2017	100 % CD

Structural	S2.21	PIERHEAD - SECTIONS I	1	6/28/2017	Addendum 1
Structural	S2.22	PIERHEAD - SECTIONS II	1	6/28/2017	Addendum 1
Structural	S2.23	PIERHEAD - SECTIONS III	1	6/28/2017	Addendum 1
Structural	S2.24	PIERHEAD - SECTIONS IV	1	6/28/2017	Addendum 1
Structural	S2.25	PIERHEAD - SECTIONS V	1	6/28/2017	Addendum 1
Structural	S2.26	PIERHEAD - SECTIONS VI	0	5/19/2017	100 % CD
Structural	S2.27	PIERHEAD - SECTIONS VII	1	6/28/2017	Addendum 1
Structural	S2.28	PIERHEAD - SECTIONS VIII	1	6/28/2017	Addendum 1
Structural	S2.29	PIERHEAD - SECTIONS IX	1	6/28/2017	Addendum 1
Structural	S2.30	PIERHEAD - SECTIONS X	0	5/19/2017	100 % CD
Structural	S3.01	EDUCATION CENTER - FOUNDATION PLAN	0	5/19/2017	100 % CD
Structural	S3.02	EDUCATION CENTER - ROOF FRAMING PLAN	0	5/19/2017	100 % CD
Structural	S4.01	PAVILION - FOUNDATION PLAN	1	6/28/2017	Addendum 1
Structural	S4.02	PAVILION - ROOF FRAMING PLAN	0	5/19/2017	100 % CD
Structural	S4.11	PAVILION - BUILDING SECTIONS AND ELEVATIONS	0	5/19/2017	100 % CD
Structural	S5.01	FLIGHT DECK - STRUCTURAL FRAMING	1	6/28/2017	Addendum 1
Structural	S5.11	FLIGHT DECK - SECTIONS AND DETAILS	0	5/19/2017	100 % CD
Structural	S6.01	TITLED LAWN - STRUCTURAL PLAN	0	5/19/2017	100 % CD
Structural	S6.02	TILTED LAWN - PILE ALT	0	5/19/2017	100 % CD
Structural	S6.11	TILTED LAWN - SECTIONS	0	5/19/2017	100 % CD
Structural	S6.12	SPA BEACH - STRUCTURAL PLAN	1	6/28/2017	Addendum 1
Structural	S7.01	TYPICAL FOUNDATION DETAILS I	0	5/19/2017	100 % CD
Structural	S7.02	TYPICAL FOUNDATION DETAILS II & FOUNDATION SCHEDULE	0	5/19/2017	100 % CD
Structural	S7.11	CONCRETE WALL SCHEDULE AND DETAILS	0	5/19/2017	100 % CD
Structural	S7.12	COLUMN SCHEDULE AND DIAGRAM	1	6/28/2017	Addendum 1
Structural	S7.13	SCHEDULE AND DETAILS	1	6/28/2017	Addendum 1
Structural	S7.21	TYPICAL SUPERSTRUCTURE DETAILS I	0	5/19/2017	100 % CD
Structural	S7.31	PIERHEAD - CANOPY DETAILS	1	6/28/2017	Addendum 1

Structural	S7.32	PAVILION AND EDUCATION CENTER - CANOPY DETAILS	0	5/19/2017	100 % CD
TECHNOLOGY	T0.01	TECHNOLOGY LEGEND, GENERAL NOTES, & SHEET INDEX	0	5/19/2017	100 % CD
TECHNOLOGY	T1.02	SITE - TECHNOLOGY	0	5/19/2017	100 % CD
TECHNOLOGY	T2.01	PIER HEAD LEVEL 01 - PIER DECK - TECHNOLOGY	0	5/19/2017	100 % CD
TECHNOLOGY	T2.02	PIER HEAD LEVEL 02 - PATIO/CAFE - TECHNOLOGY PLAN	0	5/19/2017	100 % CD
TECHNOLOGY	T2.03	PIER HEAD LEVEL 03 & 04 - TERRACE/STORAGE & RESTAURANT- TECHNOLOGY PLAN	0	5/19/2017	100 % CD
TECHNOLOGY	T2.04	100 CONSTRUCTION DOCUMENTS PIER HEAD LEVEL 05 & 06 - ROOF	0	5/19/2017	100 % CD
TECHNOLOGY	T3.01	100 CONSTRUCTION DOCUMENTS	0	5/19/2017	100 % CD
TECHNOLOGY	T4.01	100 CONSTRUCTION DOCUMENTS	0	5/19/2017	100 % CD
TECHNOLOGY	T5.01	100 CONSTRUCTION DOCUMENTS	0	5/19/2017	100 % CD
TECHNOLOGY	T7.01	TECHNOLOGY RISER	0	5/19/2017	100 % CD
TECHNOLOGY	T7.02	PAGING SYSTEM DIAGRAM	0	5/19/2017	100 % CD
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05 - Metals	05.50.00	METAL FABRICATIONS	0
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05 - Metals	05.52.13	PIPE AND TUBE RAILINGS	0
05 - Metals	05 70 00	LANDSCAPE METAL	0

05 - Metals	05 73 05	RAILING MESH INFILL	0
05 - Metals	51200	STRUCTURAL STEEL FRAMING	0
05 - Metals	51400	STRUCTURAL ALUMINUM FRAMING	0
06 - Wood, Plastics, and Composites	06.10.00	ROUGH CARPENTRY	0
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06 - Wood, Plastics, and Composites	06.42.16	WOOD RAIN SCREEN	0
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07 - Thermal and Moisture Protection	07 14 16	ROOF DECK WATERPROOFING MEMBRANE	0
07 - Thermal and Moisture Protection	07.21.00	THERMAL INSULATION	0
07 - Thermal and Moisture Protection	07.21.29	SPRAYED INSULATION	0
07 - Thermal and Moisture Protection	07 26 16	Below-Grade Vapor Retarders	0
07 - Thermal and Moisture Protection	07 42 A3	Composite Wall Panels	0
07 - Thermal and Moisture Protection	07 46 00	RAIN SCREEN WOOD SIDING	0
07 - Thermal and Moisture Protection	07.56.00	FLUID-APPLIED ROOFING	0
07 - Thermal and Moisture Protection	07.71.00	ROOF SPECIALTIES	0
07 - Thermal and Moisture Protection	07.72.00	ROOF ACCESSORIES	0
07 - Thermal and Moisture Protection	07.84.00	FIRESTOPPING	0
07 - Thermal and Moisture Protection	07.92.00	JOINT SEALANTS	0
08 - Openings	08.11.16	ALUMINUM DOORS AND FRAMES	0
08 - Openings	08.33.23	OVERHEAD COILING DOORS	0
08 - Openings	08.43.13	ALUMINUM FRAMED STOREFRONTS	0
08 - Openings	08.71.00	DOOR HARDWARE	0
08 - Openings	08 71 05	DOOR HARDWARE SCHEDULE	0
08 - Openings	08.80.00	GLAZING	0
08 - Openings	08.83.00	MIRRORS	0
08 - Openings	08.91.00	LOUVERS	0

09 - Finishes	09.21.16	GYPSUM BOARD ASSEMBLIES	0
09 - Finishes	09 24 23	PORLTAND CEMENT STUCCO	0
09 - Finishes	09.67.00	FLUID APPLIED FLOORING	0
09 - Finishes	09.90.00	PAINTING AND COATING	0
10 - Specialties	10.14.00	SIGNAGE	0
10 - Specialties	10.21.13	Toilet Compartments	0
10 - Specialties	10.28.00	TOILET BATH AND LAUNDRY ACCESSORIES	0
13 - Special Construction	13 12 13	EXTERIOR WATER FEATURE	0
14 - Conveying Equipment	14.21.00	ELECTRIC TRACTION ELEVATORS	0
21 - Fire Suppression	210500	COMMON WORK RESULTS FOR FIRE SUPPRESSION	0
21 - Fire Suppression	210517	SLEEVES AND SLEEVE SEALS FOR FIRE SUPPRESSION PIPING	0
21 - Fire Suppression	210518	ESCUTCHEONS FOR FIRE SUPPRESSION PIPING	0
21 - Fire Suppression	210553	IDENTIFICATION FOR FIRE SUPPRESSION PIPING AND EQUIPMENT	0
21 - Fire Suppression	211200	FIRE SUPPRESSION STANDPIPES	0
21 - Fire Suppression	211313	WET-PIPE SPRINKLER SYSTEMS	0
21 - Fire Suppression	211319	Preaction Sprinkler Systems	0
22 - Plumbing	22 42 16.16	Commercial Sinks	0
22 - Plumbing	220500	COMMON WORK RESULTS FOR PLUMBING	0
22 - Plumbing	220513	COMMON MOTOR REQUIREMENTS FOR PLUMBING EQUIPMENT	0
22 - Plumbing	220517	SLEEVES AND SLEEVE SEALS FOR PLUMBING PIPING	0
22 - Plumbing	220518	ESCUTCHEONS FOR PLUMBING PIPING	0
22 - Plumbing	220519	METERS AND GAGES FOR PLUMBING PIPING	0
22 - Plumbing	220523	GENERAL-DUTY VALVES FOR PLUMBING PIPING	0
22 - Plumbing	220529	HANGERS AND SUPPORTS FOR PLUMBING PIPING AND EQUIPMENT	0
22 - Plumbing	220553	IDENTIFICATION FOR PLUMBING PIPING AND EQUIPMENT	0
22 - Plumbing	220719	PLUMBING PIPING INSULATION	0
22 - Plumbing	221116	DOMESTIC WATER PIPING	0

22 - Plumbing	221119	DOMESTIC WATER PIPING SPECIALTIES	0
22 - Plumbing	221123	DOMESTIC WATER PUMPS	0
22 - Plumbing	221124	FACILITY NATURAL GAS PIPING	0
22 - Plumbing	221316	SANITARY WASTE AND VENT PIPING	0
22 - Plumbing	221423	STORM DRAINAGE PIPING SPECIALTIES	0
22 - Plumbing	221429	SUMP PUMPS	0
22 - Plumbing	223300	ELECTRIC DOMESTIC-WATER HEATERS	0
22 - Plumbing	223400	FUEL-FIRED DOMESTIC-WATER HEATERS	0
22 - Plumbing	224213	Commercial Water Closets Urinals and Bidets	0
22 - Plumbing	224216	Commercial Lavatories and Sinks	0
22 - Plumbing	224233	WASH FOUNTAINS	0
22 - Plumbing	224723	REMOTE WATER COOLERS	0
23 - Heating, Ventilating, and Air Conditioning (HVAC)	230010	BASIC MECHANICAL REQUIREMENTS	0
23 - Heating, Ventilating, and Air Conditioning (HVAC)	230513	COMMON MOTOR REQUIREMENTS FOR HVAC EQUIPMENT	0
23 - Heating, Ventilating, and Air Conditioning (HVAC)	230529	HANGERS AND SUPPORTS FOR HVAC PIPING AND EQUIPMENT	0
23 - Heating, Ventilating, and Air Conditioning (HVAC)	230553	IDENTIFICATION FOR HVAC PIPING AND EQUIPMENT	0
23 - Heating, Ventilating, and Air Conditioning (HVAC)	230593	TESTING ADJUSTING AND BALANCING FOR HVAC	0
23 - Heating, Ventilating, and Air Conditioning (HVAC)	230713	DUCT INSULATION	0
23 - Heating, Ventilating, and Air Conditioning (HVAC)	230719	HVAC PIPING INSULATION	0
23 - Heating, Ventilating, and Air Conditioning (HVAC)	230800	HVAC COMMISSIONING	0
23 - Heating, Ventilating, and Air Conditioning (HVAC)	230900	INSTRUMENTATION AND CONTROL FOR HVAC	0
23 - Heating, Ventilating, and Air Conditioning (HVAC)	232300	REFRIGERANT PIPING	0
23 - Heating, Ventilating, and Air Conditioning (HVAC)	232800	VARIABLE REFRIGERANT FLOW	0
23 - Heating, Ventilating, and Air Conditioning (HVAC)	233113	METAL DUCTS	0
23 - Heating, Ventilating, and Air Conditioning (HVAC)	233300	AIR DUCT ACCESSORIES	0

23 - Heating, Ventilating, and Air Conditioning (HVAC)	237413	PACKAGED ROOFTOP UNITS OUTDOOR AIR-HANDLING UNITS	0
23 - Heating, Ventilating, and Air Conditioning (HVAC)	238126	SPLIT-SYSTEM AIR-CONDITIONERS	0
26 - Electrical	26.41.13	LIGHTNING PROTECTION FOR STRUCTURES	0
26 - Electrical	260010	BASIC ELECTRICAL REQUIREMENTS	0
26 - Electrical	260519	LOW VOLTAGE ELECTRICAL POWER CONDUCTORS	0
26 - Electrical	260526	GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS	0
26 - Electrical	260529	HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS	0
26 - Electrical	260533	RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS	0
26 - Electrical	260544	SLEEVES AND SLEEVE SEALS FOR ELECTRICAL RACEWAYS	0
26 - Electrical	260553	IDENTIFICATION FOR ELECTRICAL SYSTEMS	0
26 - Electrical	260923	LIGHTING CONTROL DEVICES	0
26 - Electrical	262416	PANELBOARDS	0
26 - Electrical	262726	WIRING DEVICES	0
26 - Electrical	262813	FUSES	0
26 - Electrical	262816	ENCLOSED SWITCHES AND CIRCUIT BREAKERS	0
26 - Electrical	264313	TRANSIENT VOLTAGE SUPPRESSION FOR LOW VOLTAGE ELECTRICAL POWER CIRCUITS	0
26 - Electrical	265100	INTERIOR LIGHTING	0
26 - Electrical	265600	LIGHTING	0
27 - Communications	270010	TECHNOLOGY GENERAL PROVISIONS	0
27 - Communications	270526	GROUNDING AND BONDING FOR TELECOMMUNICATIONS SYSTEMS	0
27 - Communications	270528	Pathways for Communications Systems	0
28 - Electronic Safety and Security	283111	DIGITAL ADDRESSABLE FIRE-ALARM SYSTEM	0
31 - Earthwork	31 00 00	EARTHWORK	0
31 - Earthwork	31 10 00	SITE CLEARING	0
31 - Earthwork	31 23 23	Fill	0
31 - Earthwork	31 25 00	EROSION AND SEDIMENTATION CONTROLS	0
31 - Earthwork	31.31.16	TERMITIC CONTROL	0

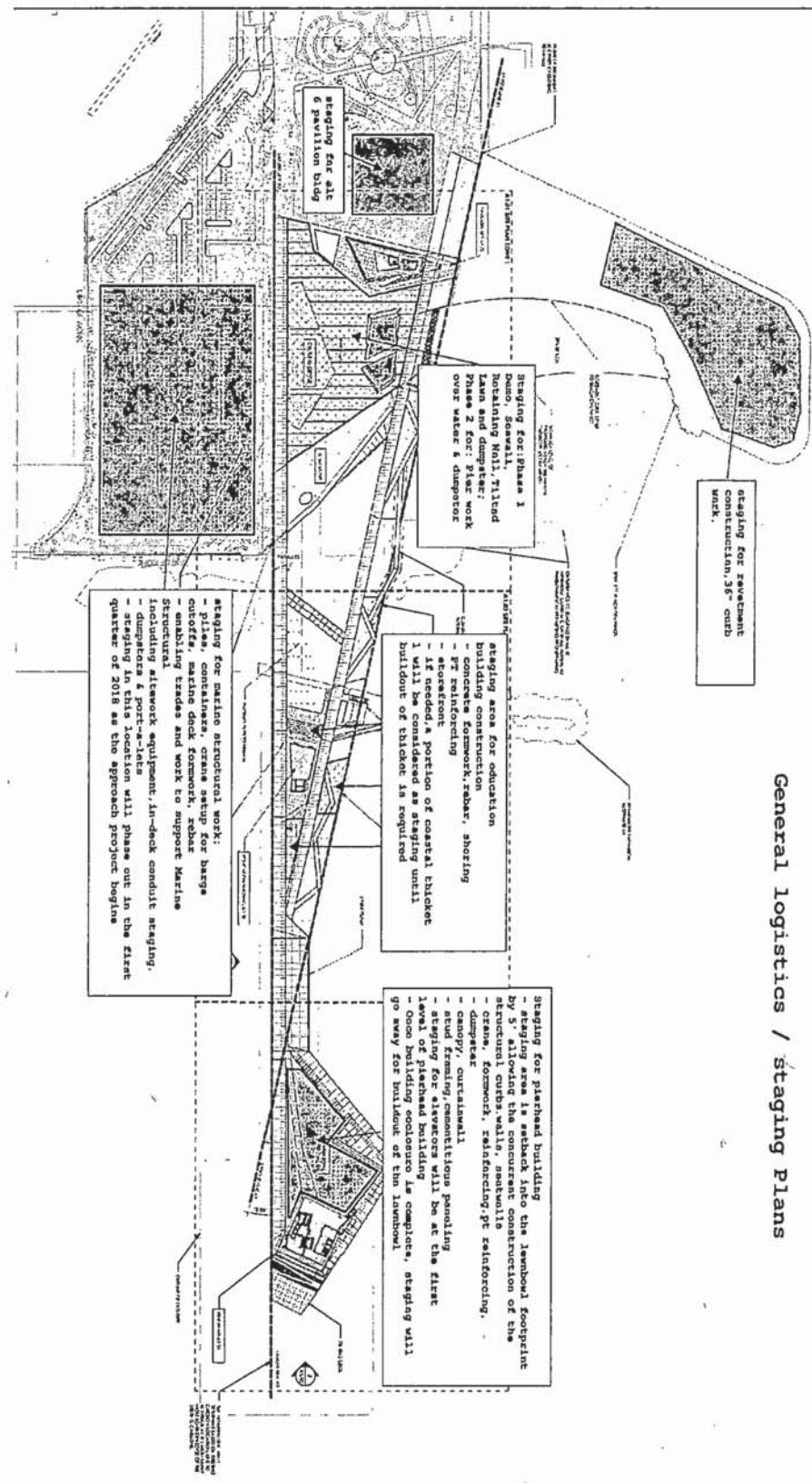
31 - Earthwork	31 64 55	Structures Foundations - Pier	0
32 - Exterior Improvements	32 12 00	FLEXIBLE PAVING	0
32 - Exterior Improvements	32 13 00	RIGID PAVING	0
32 - Exterior Improvements	32 13 13	CAST-IN-PLACE CONCRETE PAVING	0
32 - Exterior Improvements	32 13 13.13	Exposed Aggregate Concrete Paving	0
32 - Exterior Improvements	32 14 13	PRECAST CONCRETE UNIT PAVERS	0
32 - Exterior Improvements	32 23 23.43	Geofoam Subbase Coarse	0
32 - Exterior Improvements	32 84 00	PLANTING IRRIGATION	0
32 - Exterior Improvements	32 91 13	SOIL PREPERATION	0
32 - Exterior Improvements	32 91 90	CTS SOIL MEDIA	0
32 - Exterior Improvements	32 92 00	TURF AND GRASSES	0
32 - Exterior Improvements	32 93 00	PLANTS	0
33 - Utilities	33 10 00	WATER UTILITIES	0
33 - Utilities	33 11 19	FIRE SUPPRESSION UTILITY WATER	0
33 - Utilities	33 30 00	SANITARY SEWERAGE UTILITIES	0
33 - Utilities	33 40 00	STORM DRAINAGE	0
35 - Waterway and Marine Construction	35 50 00	LAYOUT OF MARINE STRUCTURES AND BEACH CONSTRUCTION	0
35 - Waterway and Marine Construction	35 73 46	Portland Cement Concrete	0
35 - Waterway and Marine Construction	35 74 00	Concrete Structures - Pier Deck	0
35 - Waterway and Marine Construction	35 74 50	Precast Prestressed Concrete Construction	0
35 - Waterway and Marine Construction	35 74 61	Multirotational Bearings	0
35 - Waterway and Marine Construction	35 75 60	Coating New Structural Steel	0
36 - Appendix A	360000	Appendix A - Flood Category Analysis	0
36 - Appendix A	360001	Appendix A - CMS Wave Model Results	0
36 - Appendix A	360002	Appendix A - CMS Wave Model Results of Breakwater Alternatives	0
36 - Appendix A	360003	Appendix A - Field Exploration	0
37 - Appendix B	370000	Appendix B Egress Analysis	0

37 - Appendix B	370001	Appendix B - Schematic Design Drawings	0
37 - Appendix B	370002	Appendix B - Laboratory Testing	0
38 - Appendix C	380000	Appendix C - Navigation Aids	0
38 - Appendix C	380001	Appendix C - Piles Capacity Curves FBPier Soil Parameters	0
39 - Appendix D	390000	Appendix D - Supportive Documents	0
40 - Geotechnical Reports	400000	Coastal Engineering Analysis	0
40 - Geotechnical Reports	400001	Coastal Engineering Analysis B	0
40 - Geotechnical Reports	400002	Coastal Engineering Analysis - Attachment C	0
40 - Geotechnical Reports	400003	Geotechnical Engineering Report	0
Other Documents	Date	Description	Revision No.
Borings (11 pages)	5-20-16		
Grillage Plan	3-9-16		
Geotechnical Report and Analysis (93 pages)	3-31-16		
Wave Study (22 pages)	3-4-16		
RFI Responses 1-150, 152, 153-169, 171, 174, 181-190			
Alternates 1-6 (13 pages)			
Joint Sealant Bid Package (1 page)			
Test Pile Locations	6-29-17		
Partial GMP	5-17-17		
GMP Appendix A	N/A	Package Specific Assumptions and Clarifications	
GMP Appendix B	N/A	Supplemental Information	

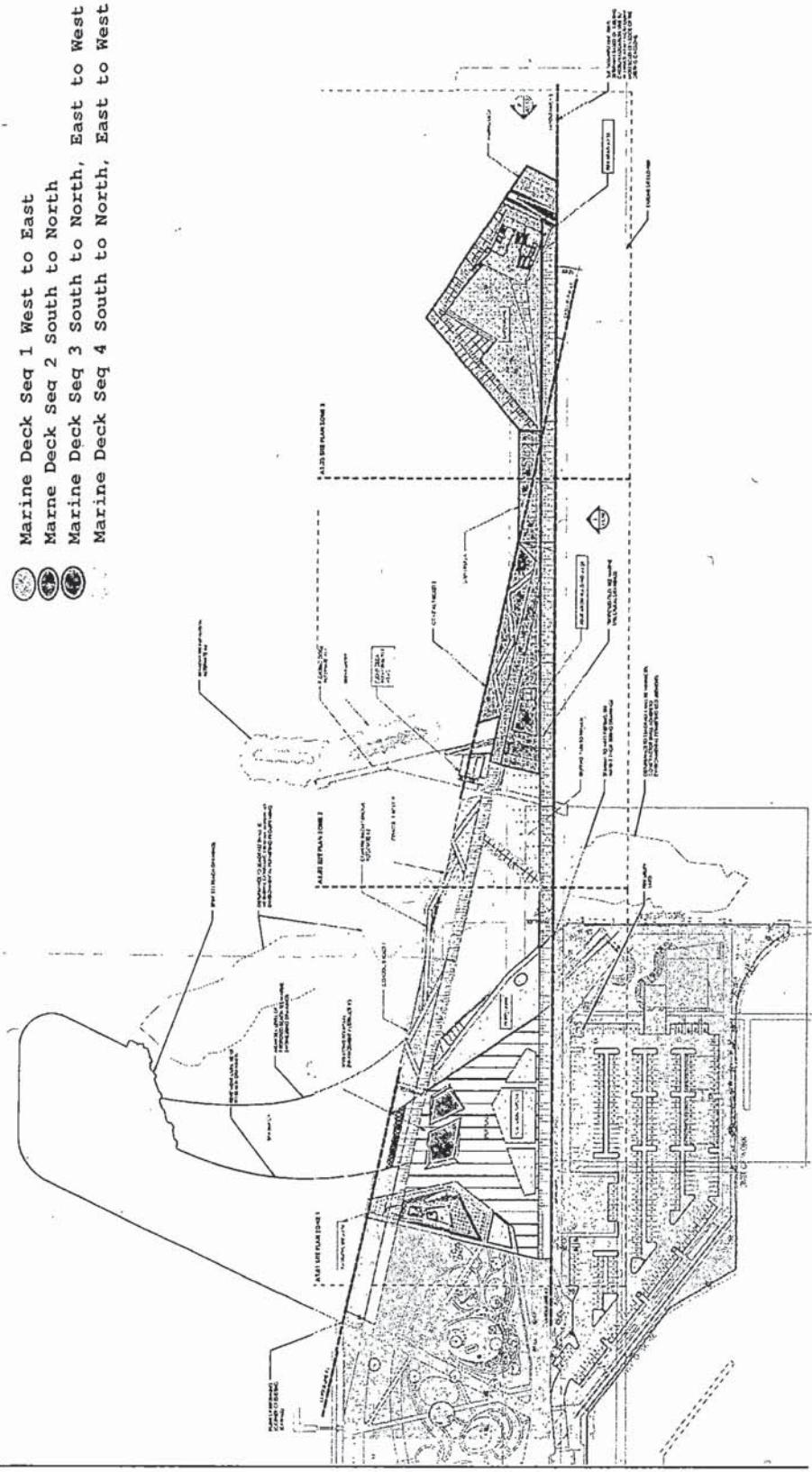
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## **4 Site Logistics Plan**

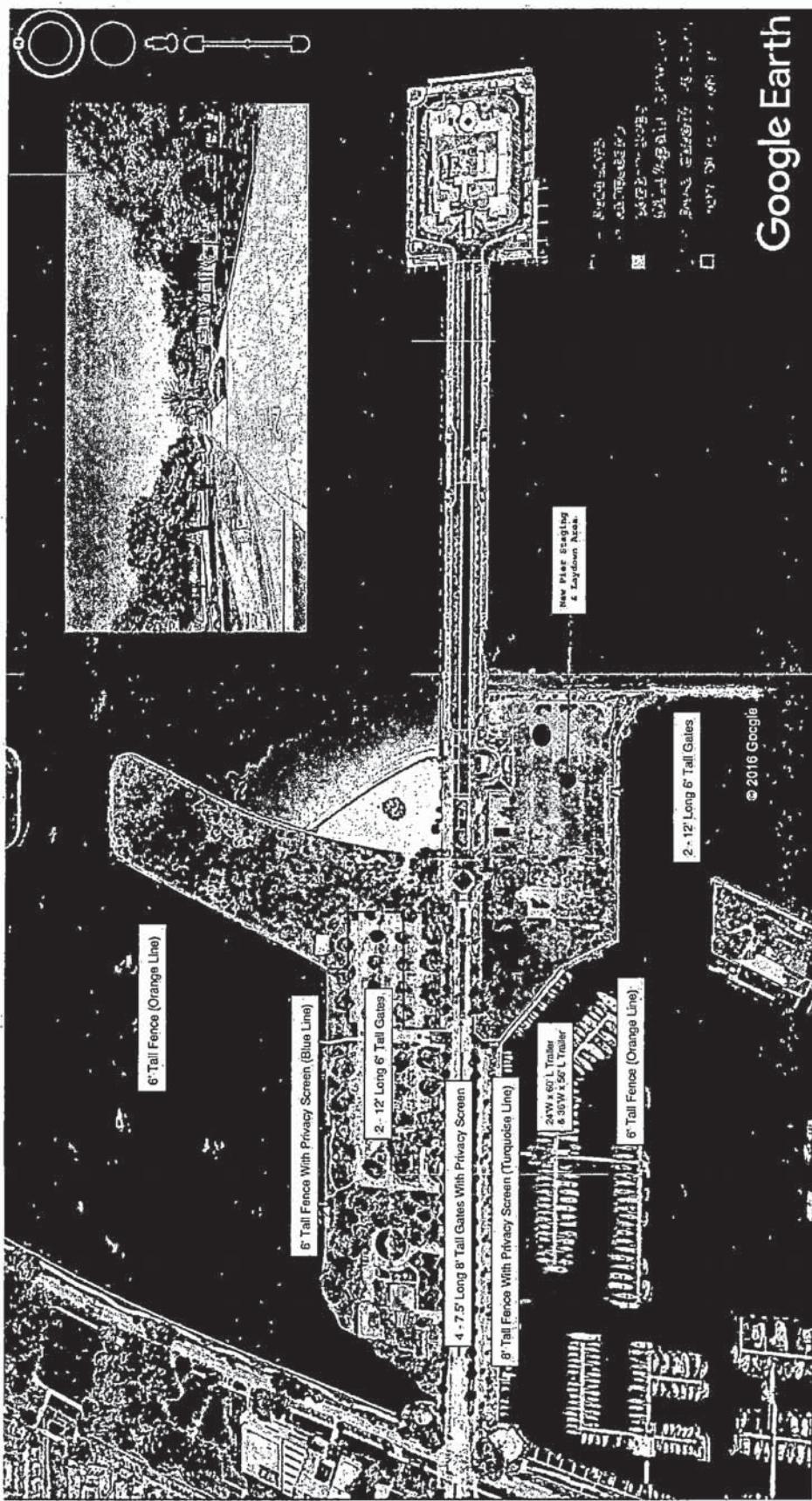
## General logistics / staging Plans



Marine Deck Seq 1 West to East  
Marine Deck Seq 2 South to North  
Marine Deck Seq 3 South to North, East to West  
Marine Deck Seq 4 South to North, East to West



## Phase One B Pier Perimeter Fencing And Gates



Google Earth

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**5** Project Schedule

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The New St. Petersburg Pier											Data Date: 18-Oct-17 Date Printed: 01-Nov-17										
Activity ID	Activity Name	Start	Duration	Original Duration	Remaining Duration	Start	Duration	Original Duration	Remaining Duration	Start	Duration	Original Duration	Remaining Duration	Start	Duration	Original Duration	Remaining Duration	Start	Duration	Original Duration	Remaining Duration
<b>The New St. Petersburg Pier CURRENT</b>																					
Milestones		956	400	03-Aug-15A	21-May-19	654	396	07-Apr-16A	21-May-19	654	296	07-Apr-16A	21-May-19	333	33	07-Apr-16A	11-Dec-17	333	33	07-Apr-16A	21-May-19
New Pier	Pre-Construction	MS14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Schematic Design Complete	MS15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Design Development Complete	MS16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50% Construction Documents Complete	MS19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	SWIMFLUD Permit	MS17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	100% Construction Documents Complete	MS05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Army Corps of Engineers Permit	MS06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Start Mobilization	MS08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Notice To Proceed (PTer) - ERP	MS02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Skanska 100% GMP Issue	MS18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Notice To Proceed (PTer) - Final GMP	MS21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction		MS07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Start Test Files	MS26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Start New Seawall	MS20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Start Production Piles	MS08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	South Production Piles Complete	MS22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	East Production Piles Complete	MS13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Seawall Complete	MS24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	East Structural Deck Complete	MS23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	North Production Piles Complete	MS25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Pier Structure Complete (Icon)	MS11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Pier Head Building Top Out	MS31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Education Facility Complete	MS29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Pier Head Crane Removal	MS27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lawn Bowl Complete	MS28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Pier Head Building Temp Dry In	MS30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Permanent Power Available	MS12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Pier Head Building Complete	MS03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Substantial Completion	MS04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Final Completion	MS05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Local Events		EV104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Food & Wine (Bayshore Closings)	EV102	3	3	04-Nov-17*	06-Nov-17	4	4	09-Nov-17*	12-Nov-17	1	1	11-Nov-17*	11-Nov-17	5	5	16-Nov-17*	20-Nov-17	2	2	17-Nov-17*
	Ribfest (Close 5th Ave NE)	EV103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Veterans Day Parade (Central Ave & Bayshore Closings)	EV102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	El Culture (Street Closings at Waterfront & Downtown)	EV101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	St. Pete Run Fest (Close Bayshore - AM)	EV105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Santa Parade (Central Ave & Bayshore Closings)	EV106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	New Year's Eve Evening Celebration (Several Street Closings Along Waterfront)	EV107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Design		DO01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Pier	Critical Remaining Work	DO01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Schematic Design	Summary	DO01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Actual Work	Remaining Work	DO01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Activity ID	Activity Name	Master Schedule												Data Date: 18-Oct-17 Date Printed: 01-Nov-17														
		Original Due	Remaining Duration	Start	Finish	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
D005	Skanska SD Estimate	20	0	19-Feb-16 A	07-Apr-16 A	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
D002	Design Development	85	0	08-Apr-16 A	18-Oct-16 A																							
D013	DD Check Set Provided to Skanska and City	65	0	08-Apr-16 A	22-Jul-16 A																							
D019	DD Check Set Review Period	0	0																									
D006	Skanska DD Estimate & VE	11	0	28-May-16 A	08-Jun-16 A																							
D014	100% DD Documents Provided to Skanska and City	41	0	22-Jul-16 A	13-Oct-16 A																							
<b>Construction Documents</b>		0																										
D003	50% CD Construction Documents	60	0	01-Oct-16 A	20-Nov-17																							
D008	Early Release Package 1 - Marine & Structural	44	0	01-Oct-16 A	20-Mar-17 A																							
D007	50% CD Check Set	20	0	22-Dec-16 A	31-Mar-17 A																							
D016	50% CD GMP Permit Set Provided to Skanska & City	0	0	07-Mar-17 A	06-Mar-17 A																							
D015	50% CD Check Set Review Period	10	0	21-Mar-17 A	19-May-17 A																							
D009	100% Construction Documents	45	0	21-Mar-17 A	19-May-17 A																							
D017	100% CD Incorporate Permit Comments	16	24	07-Apr-17 A	20-Nov-17																							
D020	100% CD GMP Bid Documents Provided to Skanska & City	0	0	0	19-May-17 A																							
D022	Confirmed Marine CDs	0																										
<b>Pre-Construction</b>																												
<b>New Pier</b>																												
GMP #1																												
D010	ERP GMP Preparation & Submission - GMP #1	107	0	15-Dec-16 A	09-Jun-17 A																							
D011	ERP GMP Review & City Council Approval - GMP #1	5	0	05-Dec-16 A	27-Apr-17 A																							
D023	Signed/Amendment - GMP #1	20	0	28-Apr-17 A	01-Jun-17 A																							
GMP #2																												
D012	Skanska 100% GMP - GMP #2	140	31	22-May-17 A	11-Dec-17 A																							
D018	GMP Review - GMP #2	60	4	22-May-17 A	23-Oct-17																							
D021	City Council Meeting Approval - GMP #2	30	30	24-Oct-17	06-Dec-17																							
D032	City Issues Amendment for GMP 2	1	1	07-Dec-17	07-Dec-17																							
<b>Procurement</b>																												
<b>New Pier</b>																												
<b>03A Marine Structural</b>																												
P005	Test Pier Purchase Order / Procurement	173	41	21-Apr-17 A	15-Jun-18 A																							
P006	EPP Buyout / Procurement	40	0	21-Apr-17 A	16-Jun-17 A																							
P004	Hicon Submittals / Hicon Material Procurement - New Sea Wall	20	0	09-Jun-17 A	26-Jun-17 A																							
P002	Fabrication & Delivery - Production Plans	40	10	21-Jul-17 A	31-Oct-17																							
P001	Submittals / Fabrication & Delivery - Utilities	100	40	28-Jul-17 A	15-Dec-17																							
03B C.I.P. Concrete	Award Bid Package (03B)	45	20	10-Oct-17 A	14-Nov-17																							
SK1499	Prepare & Submit Submittals / Shop Drawings For Approval (03B)	60	60	12-Dec-17	08-Mar-18																							
SK1500	Architect Review & Approve Submittals (03B)	10	10	27-Dec-17	24-Jan-18																							
SK1501	Prepare & Submit Submittals / Shop Drawings For Approval (03B)	40	10	25-Jan-18	07-Feb-18																							
SK1502	Fabrication & Delivery (03B)	20	20	08-Feb-18	08-Mar-18																							
05A Structural Steel		70	70	12-Dec-17	22-Mar-18																							
SK1408	Award Bid Package (05A)	10	10	12-Dec-17	26-Dec-17																							
<b>Actual Work</b>																												
<b>Remaining Work</b>																												
<b>Milestone</b>																												

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## The New St. Petersburg Pier

Data Date: 18-Oct-17 Date Printed: 01-Nov-17																											
Activity ID	Activity Name	Original Duration		Remaining Duration		Start		Finish		2018								2019									
		Month	Year	Month	Year	Month	Year	Month	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr		
SK1409	Prepare & Submit Submittals / Shop Drawings For Approval (05A)	10	10	10	10	25-Jan-18	27-Dec-17	24-Jan-18	07-Feb-18	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
SK1410	Architect Review & Approve Submittals (05A)	10	10	10	10	25-Jan-18	27-Dec-17	24-Jan-18	07-Feb-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SK1411	Fabrication & Delivery (05A)	30	30	08-Feb-18	22-Mar-18	08-Feb-18	22-Mar-18	07-Feb-18	15-Jun-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06 Glass & Glazing	Award Bid Package (08)	10	10	10	10	27-Dec-17	10-Jan-18	10-Jan-18	07-Feb-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SK1523	Prepare & Submit Submittals / Shop Drawings For Approval (08)	20	20	11-Jan-18	22-Feb-18	11-Jan-18	22-Feb-18	07-Feb-18	15-Jun-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SK1524	Architect Review & Approve Submittals (08)	10	10	08-Feb-18	22-Feb-18	08-Feb-18	22-Feb-18	07-Feb-18	15-Jun-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SK1525	Fabrication & Delivery (08)	5	0	28-Jul-17A	09-Aug-17A	09-Aug-17A	14-Nov-17	14-Nov-17	14-Nov-17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SK1526	Fabrication & Delivery (08)	5	0	19-Apr-17A	14-Nov-17	19-Apr-17A	14-Nov-17	14-Nov-17	14-Nov-17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31A Site Work	Early Release Demo Package to Install New SeaWall	59	20	19-Apr-17A	14-Nov-17	19-Apr-17A	14-Nov-17	14-Nov-17	14-Nov-17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SK1523	New Pier	1	FAA Determination of No Hazard	0	0	19-Apr-17A	14-Nov-17	19-Apr-17A	14-Nov-17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PE103	Public Petition Period	20	0	20-Apr-17A	19-May-17A	20-Apr-17A	19-May-17A	19-May-17A	14-Nov-17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PE104	Pinellas County Water & Navigation Permit	0	0	25-Apr-17A	07-Jul-17A	25-Apr-17A	07-Jul-17A	07-Jul-17A	14-Nov-17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PE107	Construction Equipment Airspace Review For Permit	45	0	04-May-17A	20-May-17A	04-May-17A	20-May-17A	20-May-17A	14-Nov-17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PE105	FAA Final Determination of No Hazard	10	0	08-Jun-17A	08-Jun-17A	08-Jun-17A	08-Jun-17A	08-Jun-17A	14-Nov-17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PE106	City of Saint Petersburg Site & Marine Construction Permit	0	0	01-May-17A	12-May-17A	01-May-17A	12-May-17A	01-May-17A	14-Nov-17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PE109	100% CD Building Permit	5	20	15-Jun-17A	01-May-17A	15-Jun-17A	01-May-17A	01-May-17A	14-Nov-17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PE108	Site Studies	5	0	01-May-17A	12-May-17A	01-May-17A	12-May-17A	01-May-17A	14-Nov-17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ST101	GRY Perform Side Scan Sonar For Rem. Demo Debris	5	0	01-May-17A	12-May-17A	01-May-17A	12-May-17A	01-May-17A	14-Nov-17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ST102	GRY Issues Side Scan Report	5	0	01-May-17A	12-May-17A	01-May-17A	12-May-17A	01-May-17A	14-Nov-17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Construction																											
New Pier																											
Mobilization	Locate Utilities	36	0	05-Jun-17A	07-Jul-17A	05-Jun-17A	07-Jul-17A	07-Jul-17A	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOB-100	Construction Compound	20	0	05-Jun-17A	12-Jun-17A	05-Jun-17A	12-Jun-17A	12-Jun-17A	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOB-101	Marine Mobilization	10	0	13-Jun-17A	07-Jul-17A	13-Jun-17A	07-Jul-17A	07-Jul-17A	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOB-102	Secure Site / Early Mobilization	5	0	15-Jun-17A	20-Jun-17A	15-Jun-17A	20-Jun-17A	20-Jun-17A	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOB-104	Temporary Utilities	20	0	01-Oct-17	26-Apr-18	01-Oct-17	26-Apr-18	26-Apr-18	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stakeout	Land Demo	131	30	19-Oct-17	01-Dec-17	19-Oct-17	01-Dec-17	01-Dec-17	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ST-F101	Land Demo	60	60	01-Feb-18	10-Aug-17A	01-Feb-18	10-Aug-17A	10-Aug-17A	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ST-F102	Street Utility Work	101	53	10-Aug-17A	05-Jan-18	10-Aug-17A	05-Jan-18	05-Jan-18	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Demolition	Early Demo To Install New Sea Wall	5	0	10-Aug-17A	18-Aug-17A	10-Aug-17A	18-Aug-17A	18-Aug-17A	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEM-104	Demo Existing Seawall - Phase I	10	1	10-Aug-17A	19-Oct-17	10-Aug-17A	19-Oct-17	19-Oct-17	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEM-102	Demo Existing Seawall - Phase II	10	10	15-Nov-17	30-Nov-17	15-Nov-17	30-Nov-17	30-Nov-17	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEM-103	Demo Canopies & Hardscape (Above Pavement Surface)	7	7	12-Dec-17	20-Dec-17	12-Dec-17	20-Dec-17	20-Dec-17	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEM-101	Demo Pavement & Underground Utilities	10	10	21-Dec-17	05-Jan-18	21-Dec-17	05-Jan-18	05-Jan-18	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Marine	Marine	244	187	11-Jul-17A	16-Jul-18	11-Jul-17A	16-Jul-18	16-Jul-18	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEM-104	Demo Existing Seawall - Phase I	10	1	11-Jul-17A	18-Oct-17	11-Jul-17A	18-Oct-17	18-Oct-17	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEM-102	Demo Existing Seawall - Phase II	20	1	11-Jul-17A	18-Oct-17	11-Jul-17A	18-Oct-17	18-Oct-17	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEM-101	Demo Canopies & Hardscape (Above Pavement Surface)	1	1	11-Jul-17A	18-Oct-17	11-Jul-17A	18-Oct-17	18-Oct-17	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEM-103	Demo Pavement & Underground Utilities	20	0	28-Jul-17A	16-Aug-17A	28-Jul-17A	16-Aug-17A	16-Aug-17A	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEM-104	Demo Geotechnical Pile Driving Criteria	1	1	11-Aug-17A	16-Aug-17A	11-Aug-17A	16-Aug-17A	16-Aug-17A	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEM-102	Demo Geotechnical Pile Driving Criteria	20	0	0	16-Aug-17A	16-Aug-17A	0	16-Aug-17A	16-Aug-17A	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEM-101	Demo Geotechnical Pile Driving Criteria	1	1	0	16-Aug-17A	16-Aug-17A	0	16-Aug-17A	16-Aug-17A	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEM-103	Demo Geotechnical Pile Driving Criteria	1	1	0	16-Aug-17A	16-Aug-17A	0	16-Aug-17A	16-Aug-17A	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEM-104	Demo Geotechnical Pile Driving Criteria	1	1	0	16-Aug-17A	16-Aug-17A	0	16-Aug-17A	16-Aug-17A	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEM-102	Demo Geotechnical Pile Driving Criteria	1	1	0	16-Aug-17A	16-Aug-17A	0	16-Aug-17A	16-Aug-17A	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEM-101	Demo Geotechnical Pile Driving Criteria	1	1	0	16-Aug-17A	16-Aug-17A	0	16-Aug-17A	16-Aug-17A	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEM-103	Demo Geotechnical Pile Driving Criteria	1	1	0	16-Aug-17A	16-Aug-17A	0	16-Aug-17A	16-Aug-17A	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEM-104	Demo Geotechnical Pile Driving Criteria	1	1	0	16-Aug-17A	16-Aug-17A	0	16-Aug-17A	16-Aug-17A	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEM-102	Demo Geotechnical Pile Driving Criteria	1	1	0	16-Aug-17A	16-Aug-17A	0	16-Aug-17A	16-Aug-17A	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEM-101	Demo Geotechnical Pile Driving Criteria	1	1	0	16-Aug-17A	16-Aug-17A	0	16-Aug-17A	16-Aug-17A	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEM-103	Demo Geotechnical Pile Driving Criteria	1	1	0	16-Aug-17A	16-Aug-17A	0	16-Aug-17A	16-Aug-17A	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEM-104	Demo Geotechnical Pile Driving Criteria	1	1	0	16-Aug-17A	16-Aug-17A	0	16-Aug-17A	16-Aug-17A	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEM-102	Demo Geotechnical Pile Driving Criteria	1	1	0	16-Aug-17A	16-Aug-17A	0	16-Aug-17A	16-Aug-17A	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEM-101	Demo Geotechnical Pile Driving Criteria	1	1	0	16-Aug-17A	16-Aug-17A	0	16-Aug-17A	16-Aug-17A	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEM-103	Demo Geotechnical Pile Driving Criteria	1	1	0	16-Aug-17A	16-Aug-17A	0	16-Aug-17A	16-Aug-17A	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEM-104	Demo Geotechnical Pile Driving Criteria	1	1	0	16-Aug-17A	16-Aug-17A	0	16-Aug-17A	16-Aug-17A	04-Mar-19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEM-102	Demo Geotechnical Pile Driving Criteria	1	1	0	16-Aug-17A	16-Aug-17A	0	16-Aug-17A	16-Aug-17A	04-Mar-19	-	-	-</td														

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Master Schedule												
Activity ID	Activity Name	Original Start	Remaining Duration	Start	Finish	2018						
						Jan	Feb	Mar	Apr	May	Jun	Jul
MAR-105	Production Piles - South (79 Piles)	30	0	17-Aug-17 A	06-Oct-17 A	4	5	6	7	8	9	10
MAR-106	Pier Structural Deck - South	50	29	19-Sep-17 A	30-Nov-17	11	12	13	14	15	16	17
MAR-117	Production Piles - East (179 Piles)	2	0	20-Sep-17 A	21-Sep-17 A	18	19	20	21	22	23	24
MAR-150	Pier Structural Deck - East	50	34	26-Sep-17 A	07-Dec-17	20	21	22	23	24	25	26
MAR-159	Production Piles - North (152 Piles)	50	50	01-Dec-17	12-Feb-18	23	24	25	26	27	28	29
MAR-166	Pier Structural Deck - North	48	48	08-Dec-17	08-Feb-18	26	27	28	29	30	31	32
MAR-167	Treated Lawn Piles	41	41	13-Feb-18	31-Apr-18	29	30	31	32	33	34	35
Utilities		2	2	12-Aug-18	13-Aug-18	36	37	38	39	40	41	42
MAR-108	Electrical Rough In - South Structural Deck	47	47	19-Oct-17	27-Dec-17	39	40	41	42	43	44	45
MAR-109	Communications Rough In - South Structural Deck	25	25	19-Oct-17	22-Nov-17	46	47	48	49	50	51	52
MAR-142	Fire Protection Rough In - Zone 1	3	3	16-Nov-17	20-Nov-17	53	54	55	56	57	58	59
MAR-145	Domestic Water Rough In - Zone 1	3	3	21-Nov-17	27-Nov-17	60	61	62	63	64	65	66
MAR-146	Fire Protection Rough In - Zone 2	7	7	21-Nov-17	01-Dec-17	67	68	69	70	71	72	73
MAR-147	Sanitary Rough In - Zone 1	3	3	28-Nov-17	30-Nov-17	74	75	76	77	78	79	80
MAR-151	Domestic Water Rough In - Zone 2	7	7	04-Dec-17	12-Dec-17	81	82	83	84	85	86	87
MAR-152	Fire Protection Rough In - Zone 3	3	3	04-Dec-17	06-Dec-17	88	89	90	91	92	93	94
MAR-155	Sanitary Rough In - Zone 2	7	7	13-Dec-17	19-Dec-17	95	96	97	98	99	100	101
MAR-156	Domestic Water Rough In - Zone 3	3	3	13-Dec-17	15-Dec-17	102	103	104	105	106	107	108
MAR-158	Sanitary Rough In - Zone 3	3	3	22-Dec-17	27-Dec-17	109	110	111	112	113	114	115
Landscape & Pier Seawall												
South												
MAR-107	Layout - South Seawall	1	0	25-Jul-17 A	25-Jul-17 A	11	12	13	14	15	16	17
MAR-110	Hardscape Removal 5' E/W of New Sheepsile Wall - South Seawall	2	0	10-Aug-17 A	11-Aug-17 A	18	19	20	21	22	23	24
MAR-113	Excavate at New Seawall For Full Corrosion Protection Depth - South Seawall	1	0	16-Aug-17 A	10-Oct-17 A	25	26	27	28	29	30	31
MAR-115	Slope Back 1/1 to Top of Existing Grade - South Seawall	0	0	10-Oct-17 A	10-Oct-17 A	38	39	40	41	42	43	44
MAR-119	Install New Sheepsile - South Seawall	3	0	10-Oct-17 A	14-Oct-17 A	45	46	47	48	49	50	51
MAR-116	Exc / Removal of Existing Soil b/w East & New Seawall / Demo Existing Seawall - South Seawall	10	3	10-Oct-17 A	20-Oct-17	52	53	54	55	56	57	58
MAR-122	Excavate for New Teaback System Anchors / Deadmen - South Seawall	2	2	18-Oct-17	19-Oct-17	59	60	61	62	63	64	65
MAR-124	Drive 4 New Piles - South Seawall	2	2	20-Oct-17	23-Oct-17	66	67	68	69	70	71	72
MAR-127	Fr/RP Deadmen - South Seawall	3	3	24-Oct-17	26-Oct-17	73	74	75	76	77	78	79
MAR-130	Install Teaback Anchors - South Seawall	2	2	27-Oct-17	30-Oct-17	80	81	82	83	84	85	86
MAR-131	Backfill / Compact Up to Bottom Elevation of Seawall Caps - South Seawall	2	2	31-Oct-17	01-Nov-17	87	88	89	90	91	92	93
MAR-133	Fit/RP Seawall Concrete Cap - South Seawall	4	4	02-Nov-17	07-Nov-17	94	95	96	97	98	99	100
MAR-137	Place & Compact Balance of Backfill - South Seawall	2	2	08-Nov-17	09-Nov-17	101	102	103	104	105	106	107
MAR-138	Exc/F/RP South End of Retaining Wall Footing - South Seawall	4	4	10-Nov-17	15-Nov-17	118	119	120	121	122	123	124
MAR-140	Fr/RP/S Retaining Wall to Lowest SOD Elev - South Seawall	3	3	16-Nov-17	20-Nov-17	125	126	127	128	129	130	131
MAR-143	Install Foundation Drainsage - South Seawall	4	4	21-Nov-17	28-Nov-17	138	139	140	141	142	143	144
MAR-148	Backfill / Compact at Retaining Wall - South Seawall	2	2	29-Nov-17	30-Nov-17	145	146	147	148	149	150	151
Middle		116	72	25-Jul-17 A	31-Jan-18	158	159	160	161	162	163	164
MAR-118	Layout - Middle Seawall	1	0	25-Jul-17 A	25-Jul-17 A	165	166	167	168	169	170	171
MAR-120	Hardscape Removal 5' E/W of New Sheepsile Wall - Middle Seawall	2	0	11-Aug-17 A	14-Aug-17 A	178	179	180	181	182	183	184
MAR-121	Excavate at New Seawall For Full Corrosion Protection Depth - Middle Seawall	3	3	18-Oct-17	20-Oct-17	191	192	193	194	195	196	197
MAR-125	Slope Back 1/1 to Top of Existing Grade - Middle Seawall	2	2	23-Oct-17	24-Oct-17	202	203	204	205	206	207	208
MAR-128	Exc / Removal of Existing Soil b/w East & New Seawall / Demo Existing Seawall - Middle Seawall	10	10	25-Oct-17	07-Nov-17	215	216	217	218	219	220	221
MAR-135	Install New Sheepsile - Middle Seawall	5	5	08-Nov-17	14-Nov-17	228	229	230	231	232	233	234
MAR-154	Exc/F/RP South End of Retaining Wall Footing - Middle Seawall	7	7	11-Dec-17	19-Dec-17	241	242	243	244	245	246	247

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Actual Work  
Remaining Work  
MilestoneCritical Remaining Work  
Summary

Master Schedule											
Activity ID	Activity Name	Start	Finish	Remaining Duration							
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
MAR-157	F/R/P/S Retaining Wall to Lowest SOG Elevation - Middle Seawall	5	5	20-Dec-17	27-Dec-17						
MAR-160	Install Foundation Drainage - Middle Seawall	4	4	28-Dec-17	03-Jan-18						
MAR-161	Backfill / Compact Up to Bottom of Elevation of Seawall Cap - Middle Seawall	2	2	04-Jan-18	05-Jan-18						
MAR-162	F/R/P Deadmen - Middle Seawall	3	3	06-Jan-18	10-Jan-18						
MAR-163	Install Tieback Anchors - Middle Seawall	7	7	11-Jan-18	19-Jan-18						
MAR-164	F/R/P Seawall Concrete Cap - Middle Seawall	5	5	22-Jan-18	28-Jan-18						
MAR-165	Place & Compact Balance of Backfill - Middle Seawall	3	3	28-Jan-18	31-Jan-18						
<b>North</b>											
MAR-111	Layout - North Seawall	1	0	25-Jul-17A	25-Jul-17A						
MAR-112	Hardscape Removal & EAW of New Seawall - North Seawall	2	0	16-Aug-17A	17-Aug-17A						
MAR-114	Excavate at New Seawall For Full Corrosion Protection Depth - North Seawall	2	2	18-Oct-17	18-Oct-17						
MAR-123	Install New Shearpile - North Seawall	3	3	20-Oct-17	20-Oct-17						
MAR-126	Excavate For New Tieback System Anchors / Deadmen - North Seawall	3	3	25-Oct-17	27-Oct-17						
MAR-129	F/R/P Deadmen - North Seawall	3	3	30-Oct-17	01-Nov-17						
MAR-132	Install Tieback Anchors - North Seawall	3	3	02-Nov-17	06-Nov-17						
MAR-134	Backfill / Compact Up to Bottom of Elevation of Seawall Cap - North Seawall	2	2	07-Nov-17	08-Nov-17						
MAR-136	F/R/P Seawall Concrete Cap - North Seawall	5	5	09-Nov-17	15-Nov-17						
MAR-139	Place & Compact Balance of Backfill - North Seawall	2	2	16-Nov-17	17-Nov-17						
MAR-141	Exc/F/R/P North End of Retaining Wall Footing - North Seawall	3	3	22-Nov-17	22-Nov-17						
MAR-144	F/R/P/S Retaining Wall to Lowest SOG Elevation - North Seawall	5	5	27-Nov-17	01-Dec-17						
MAR-149	Install Foundation Drainage - North Seawall	3	3	04-Dec-17	06-Dec-17						
MAR-153	Backfill / Compact at Retaining Wall - North Seawall	2	2	07-Dec-17	08-Dec-17						
<b>Beach Improvements</b>											
MAR-168	Breakwater Reef	35	35	14-Apr-18	31-May-18						
MAR-169	Breakwater Reef Extension - Alternate 4	35	35	18-Apr-18	07-Jun-18						
MAR-170	Spa Beach 36" Concrete Curb	20	20	01-May-18	26-May-18						
MAR-171	Demo Existing Seawall & Excavate/Reshape Beach at New Rubble Mound Revetment R1,R2,R3	10	10	08-May-18	21-May-18						
MAR-172	Spa Beach Sand (Phase I)	15	15	30-May-18	19-Jun-18						
MAR-173	Install Rubble Mound Revetment R1,R2,R3	20	20	26-Jun-18	26-Jun-18						
MAR-174	Day Marker With Pile & Beacon x2 at Breakwater	6	6	06-Jun-18	25-Jun-18						
MAR-175	Day Marker With Pile & Beacon x1 at New Rubble Mound Revetment R1,R2,R3	3	3	20-Jun-18	27-Jun-18						
MAR-176	Spa Beach Sand (Phase II)	10	10	27-Jun-18	11-Jul-18						
MAR-177	Spa Beach Amenities	3	3	12-Jul-18	18-Jul-18						
<b>Pier Plaza (Zone 1)</b>											
ZNI-100	Coastal Thicket 3	228	228	28-Mar-18	26-Mar-19						
ZNI-101	F/R/P Stab With Drain Sleeves - Thicket 3	5	5	28-Mar-18	04-Apr-18						
ZNI-103	F/R/P Walls (Over Water) - Thicket 3	5	5	05-Apr-18	11-Apr-18						
ZNI-104	Drain Protection Barrier - Thicket 3	2	2	12-Apr-18	13-Apr-18						
ZNI-112	Exc/F/R/P Spread footer @ N Star Wall 4is6.12 - Thicket 3	3	3	19-Apr-18	23-Apr-18						
ZNI-114	Backfill at Retaining Wall - Thicket 3	1	1	24-Apr-18	24-Apr-18						
ZNI-171	Layout Boardwalk Support Posts - Thicket 3	1	1	06-Jun-18	08-Jun-18						
ZNI-174	Install 4x4 Pressure Treated Support Posts - Thicket 3	3	3	11-Jun-18	13-Jun-18						
ZNI-177	Install Tonsail at Coastal Thicket 1	3	3	14-Jun-18	18-Jun-18						
ZNI-181	Plant Cabbage Palms - Thicket 3	3	3	16-Jun-18	21-Jun-18						
ZNI-182	Set Direct Burial Light Pole at Thicket 3	1	1	22-Jun-18	22-Jun-18						
ZNI-183	Electrical Rough In - Thicket 3	2	2	25-Jun-18	28-Jun-18						
<b>SKANSKA</b>											
Actual Work      ─ Critical Remaining Work      ─ Summary      ♦ Milestone											

\* The New St. Petersburg Pier

Activity ID

Activity Name	Master Schedule											
	Original Duration	Remaining Duration	Start	Finish	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
Irrigation Rough In - Thicket 3	2	2	27-Jun-18	28-Jun-18	4	5	6	7	8	9	10	11
ZNI-184	10	10	29-Jun-18	13-Jul-18	13	14	15	16	17	18	19	20
Install Ornamental Pals - Thicket 3	5	5	16-Jul-18	20-Jul-18								
ZNI-185	3	3	23-Jul-18	25-Jul-18								
F/R/P Deck Curb - Thicket 3	5	5	26-Jul-18	01-Aug-18								
ZNI-192	3	3	02-Aug-18	08-Aug-18								
Install Boardwalk Sleepers / Structural Ledger & Stringers - Thicket 3	5	5	09-Aug-18	13-Aug-18								
ZNI-194	3	3	14-Aug-18	15-Aug-18								
Install Composite Decking With Bent Metal Flashing - Thicket 3	5	5	15-Aug-18	15-Aug-18								
ZNI-196	5	5	16-Aug-18	16-Aug-18								
Install Rail Type F on Stringers - Thicket 3	5	5	17-Aug-18	17-Aug-18								
ZNI-201	5	5	18-Aug-18	18-Aug-18								
Landscape / Ground Cover / Shrubs / Mulch - Thicket 3	3	3	09-Aug-18	13-Aug-18								
ZNI-205	2	2	14-Aug-18	14-Aug-18								
Irrigation & Electrical Trim Out - Thicket 3	2	2	15-Aug-18	15-Aug-18								
ZNI-207	2	2	16-Aug-18	16-Aug-18								
Cosatil Thicket 4	31	31	01-Jun-18	19-Aug-18								
ZNI-111	2	2	19-Aug-18	20-Aug-18								
Excavate Spread Footers - Thicket 4	3	3	23-Aug-18	25-Aug-18								
ZNI-113	3	3	26-Aug-18	30-Aug-18								
F/R/P Spread Footers - Thicket 4	3	3	01-May-18	03-May-18								
ZNI-116	3	3	04-May-18	04-May-18								
F/R/P Walls - Thicket 4	1	1	05-May-18	07-May-18								
ZNI-117	1	1	08-May-18	10-May-18								
Set Water Feature Vault & Piping - Thicket 4	3	3	11-May-18	14-May-18								
ZNI-121	1	1	15-May-18	15-May-18								
Layout Boardwalk Support Posts - Thicket 4	2	2	09-May-18	10-May-18								
ZNI-123	2	2	11-May-18	14-May-18								
Install Axle Pressure Treated Support Posts - Thicket 4	2	2	15-May-18	15-May-18								
ZNI-126	2	2	16-May-18	16-May-18								
Backfill Walls & Install Amended Topsoil - Thicket 4	2	2	17-May-18	17-May-18								
ZNI-128	2	2	18-May-18	18-May-18								
Set Cabbage Palms - Thicket 4	1	1	19-May-18	19-May-18								
ZNI-131	1	1	20-May-18	20-May-18								
Install Direct Burial 60' Light Pole - Thicket 4	1	1	21-May-18	21-May-18								
ZNI-132	1	1	22-May-18	22-May-18								
Electrical Rough In - Thicket 4	1	1	23-May-18	23-May-18								
ZNI-136	1	1	24-May-18	24-May-18								
Irrigation Rough In - Thicket 4	3	3	25-May-18	25-May-18								
ZNI-140	3	3	26-May-18	26-May-18								
ZNI-142	3	3	27-May-18	27-May-18								
Install Boardwalk Sleepers / Structural Ledger & Stringers - Thicket 4	1	1	28-May-18	28-May-18								
ZNI-147	1	1	29-May-18	29-May-18								
ZNI-150	2	2	30-May-18	30-May-18								
Install Composite Decking With Bent Metal Flashing - Thicket 4	2	2	31-May-18	01-Jun-18								
ZNI-155	2	2	02-Jun-18	02-Jun-18								
ZNI-156	2	2	03-Jun-18	03-Jun-18								
Cosatil Thicket 5	197	197	04-Jun-18	19-Aug-18								
ZNI-129	1	1	11-May-18	11-May-18								
Cut to Subgrade - Thicket 5	3	3	14-May-18	16-May-18								
ZNI-130	3	3	17-May-18	18-May-18								
Initial Cabbage Palms - Thicket 5	2	2	21-May-18	22-May-18								
ZNI-137	2	2	23-May-18	23-May-18								
Electrical Rough In - Thicket 5	1	1	24-May-18	24-May-18								
ZNI-142	1	1	25-May-18	25-May-18								
Irrigation Rough In - Thicket 5	2	2	26-May-18	27-May-18								
ZNI-148	2	2	28-May-18	28-May-18								
Install Crushed Concrete Sub-Base for Header Curb 61206.1 - Thicket 5	1	1	29-May-18	29-May-18								
ZNI-151	1	1	30-May-18	30-May-18								
Compact Coastal Thicket Sub-Grade - Thicket 5	3	3	31-May-18	31-May-18								
ZNI-153	3	3	32-May-18	32-May-18								
F/R/P Header Curb - Thicket 5	1	1	33-May-18	33-May-18								
ZNI-157	1	1	34-May-18	34-May-18								
Install Geofabric at Sub-Grade - Thicket 5	2	2	01-Jun-18	04-Jun-18								
ZNI-160	2	2	05-Jun-18	06-Jun-18								
ZNI-164	1	1	07-Jun-18	07-Jun-18								
Furniture Install - Thicket 5	1	1	08-Jun-18	08-Jun-18								
Interactive Fountain	96	96	09-Jun-18	19-Sep-18								
ZNI-120	0	0	03-May-18	03-May-18								
Neat Structure Installation Complete at Thicket 4	2	2	04-May-18	07-May-18								
ZNI-122	5	5	08-May-18	14-May-18								
Excavate for Underground Piping & Electrical	2	2	15-May-18	16-May-18								
ZNI-125	2	2	17-May-18	17-May-18								
Rough In Underground Piping & Electrical	1	1	18-May-18	18-May-18								
ZNI-132	1	1	19-May-18	19-May-18								
rough In Compact Undergound Piping to Sub-Grade	1	1	20-May-18	20-May-18								
ZNI-138	20	20	21-May-18	14-Jun-18								
Fountain Controllers / Equipment / Wiring Within Vault	1	1	21-May-18	21-May-18								
ZNI-139	2	2	22-May-18	24-May-18								
Install Compact Crushed Concrete Sub-Base	1	1	25-May-18	25-May-18								
ZNI-141	2	2	26-May-18	26-May-18								
F/R/P Perimeter PS Sloped Concrete	3	3	27-May-18	24-May-18								
ZNI-146	3	3	28-May-18	30-May-18								
F/R/P at P4 Concrete Area	3	3	29-May-18	30-May-18								
ZNI-154	3	3	31-May-18	30-May-18								
F/R/P at P4 Concrete Area	0	0	03-May-18	03-May-18								
F/R/P at P4 Concrete Area	0	0	04-May-18	07-May-18								
F/R/P at P4 Concrete Area	0	0	08-May-18	14-May-18								
F/R/P at P4 Concrete Area	0	0	15-May-18	21-May-18								
F/R/P at P4 Concrete Area	0	0	22-May-18	24-May-18								
F/R/P at P4 Concrete Area	0	0	25-May-18	30-May-18								
F/R/P at P4 Concrete Area	0	0	31-May-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	03-Jun-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	04-Jun-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	05-Jun-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	06-Jun-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	07-Jun-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	08-Jun-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	09-Jun-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	10-Jun-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	11-Jun-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	12-Jun-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	13-Jun-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	14-Jun-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	15-Jun-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	16-Jun-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	17-Jun-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	18-Jun-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	19-Jun-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	20-Jun-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	21-Jun-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	22-Jun-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	23-Jun-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	24-Jun-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	25-Jun-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	26-Jun-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	27-Jun-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	28-Jun-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	29-Jun-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	30-Jun-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	31-Jun-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	01-Jul-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	02-Jul-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	03-Jul-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	04-Jul-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	05-Jul-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	06-Jul-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	07-Jul-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	08-Jul-18	19-Jun-18								
F/R/P at P4 Concrete Area	0	0	09-Jul-18	19-Jun-18			</td					

The New St. Petersburg Pier		Master Schedule												Data Date: 18-Oct-17 Date Printed: 01-Nov-17														
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Sep 4	Sep 5	Sep 6	Sep 7	Sep 8	Sep 9	Sep 10	Sep 11	Sep 12	Sep 13	Sep 14	Sep 15	Sep 16	Sep 17	Sep 18	Sep 19	Sep 20	Sep 21	Sep 22	Sep 23	Sep 24	Sep 25	Sep 26
ZNI-215	Fountain Final Connections & Startup	5	5	13-Sep-18	19-Sep-18	06-Jun-18																						
<b>Cultural Grove</b>																												
ZNI-105	Excavate to Sub-Grade	2	2	12-Apr-18	13-Apr-18																							
ZNI-106	Fill With Soil Mix	2	2	16-Apr-18	17-Apr-18																							
ZNI-109	Install Cabbage Palms	10	10	01-Apr-18	01-May-18																							
ZNI-118	Install Live Oaks	5	5	02-May-18	08-May-18																							
ZNI-119	Temporary Watering	22	22	02-May-18	01-Jun-18																							
ZNI-127	Install Crepe Myrtles	5	5	09-May-18	15-May-18																							
ZNI-134	Electrical Rough In	3	3	16-May-18	16-May-18																							
ZNI-143	Irrigation Rough In	3	3	21-May-18	23-May-18																							
ZNI-152	Install Ground Cover / Shrubs & Plants	5	5	24-May-18	31-May-18																							
ZNI-161	Install Mulch	1	1	01-Jun-18	01-Jun-18																							
ZNI-163	Trim Out Irrigation & Lighting	3	3	04-Jun-18	06-Jun-18																							
<b>Tiled Lawn</b>																												
ZNI-107	F/R/P Retaining Wall 2nd Lift W/ Formliner from Lowest SOG Elev	15	15	16-Apr-18	25-Feb-19																							
ZNI-124	Mass Backfill (Wall Support As Required)	10	10	07-May-18	18-May-18																							
ZNI-144	F/R/P Elevated Slab	15	15	21-May-18	11-Jun-18																							
ZNI-175	Final Backfill / Final Grading Landside of Tiled Lawn & Wall	10	10	12-Jun-18	25-Jun-18																							
ZNI-176	Reshare Elev Slab Unit PT Stress	15	15	12-Jun-18	02-Jul-18																							
ZNI-189	Shoring Removal	5	5	03-Jul-18	10-Jul-18																							
ZNI-1228	Slab On Grade Stairs (Fingrade, Compact, F/R/P/S)	10	10	11-Feb-19	25-Feb-19																							
<b>Pavers</b>																												
ZNI-190	Fingrade / Compact Subgrade / Install Geofabric for Pavers	5	5	15-Jun-18	19-Jun-18																							
ZNI-193	Install Crushed Concrete Sub-base	5	5	11-Jun-18	17-Jul-18																							
ZNI-195	Sand Setting Bed	5	5	18-Jul-18	24-Jul-18																							
ZNI-197	Install Pavers Restraints	5	5	01-Aug-18	07-Aug-18																							
ZNI-204	Install Pavers	15	15	08-Aug-18	28-Aug-18																							
ZNI-210	Wash Sand Into Joints	5	5	29-Aug-18	05-Sep-18																							
ZNI-212	Protect Pavers	5	5	06-Sep-18	12-Sep-18																							
ZNI-214	Final Clean & Seal	5	5	13-Sep-18	14-Sep-18																							
<b>Coastal Thicket Bridge (Alternate)</b>																												
ZNI-108	Initial Rail For Boardwalk - Thicket Bridge	1	1	16-Apr-18	16-Apr-18																							
ZNI-159	Layout Boardwalk Support Posts - Thicket Bridge	1	1	01-May-18	03-May-18																							
ZNI-162	Initial 4x4 Pressure Treated Support Posts - Thicket Bridge	2	2	01-Jun-18	04-Jun-18																							
ZNI-167	Install Boardwalk Sleepers, Structural Ledger & Stringers - Thicket Bridge	1	1	05-Jun-18	05-Jun-18																							
ZNI-168	Install Composite Decking With Bent Metal Flashing - Thicket Bridge	2	2	06-Jun-18	07-Jun-18																							
ZNI-173	Electrical Trim Out - Thicket Bridge	2	2	08-Jun-18	11-Jun-18																							
<b>Railings</b>																												
ZNI-149	Initial Rail Posts (Zone 1)	10	10	08-Aug-18	21-Aug-18																							
ZNI-158	Pour Curbs (Zone 1)	3	3	29-Aug-18	31-Aug-18																							
<b>Hardscape &amp; Drainage</b>																												
ZNI-145	Underground M/E/P Rough In	10	10	21-May-18	23-May-18																							
ZNI-178	Pier Plaza West Curb & Seawall at Depressed Sealing (Exc, Compact, Subbase, F/R/P/S, inc)	8	8	05-Jun-18	14-Jun-18																							
ZNI-165	Excavate & Compact at Perimeter Pavilion Building	5	5	05-Jun-18	14-Jun-18																							
ZNI-166	Pier Plaza East / West Trench Drains (Excavate, Compact, Subbase, F/R/P/S)	8	8	15-Jun-18	26-Jun-18																							
ZNI-179	F/R/P Sub On Grade at Perimeter Pavilion Building (Base Scope)	5	5	03-Jul-18	10-Jul-18																							
ZNI-187	F/R/P Sub On Grade at Perimeter Pavilion Building (Base Scd)																											

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Master Schedule										
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Jun	Jul	Aug	Sep	Oct
						09-May-18	10-May-18	11-May-18	12-May-18	13-May-18
ZN2-118	FR/PP PT Root Deck - Edu Bldg.	10	10	26-Apr-18	09-May-18					
ZN2-128	Curb at Curtain Wall - Edu Bldg.	5	5	08-May-18	14-May-18					
ZN2-129	Reshoring - Edu Bldg.	15	15	10-May-18	31-May-18					
Roof	Install Roof Insulation Board / Pressure Treated Perimeter Blocking & Fluid Applied Membrane -	37	37	17-May-18	31-May-18					
	Install Roof Edge Flashing - Edu Bldg.	10	10	17-May-18	31-May-18					
	Top Coat Fluid Applied Membrane - Edu Bldg.	5	5	01-Jun-18	07-Jun-18					
	Install Sunshade - Edu Bldg.	20	20	08-Jun-18	11-Jun-18					
	Skin,	30	30	12-Jun-18	10-Jul-18					
North	Waterproofing - North Edu Bldg.	3	3	08-Jun-18	20-Jul-18					
	Storefront Blocking & Head / Sill Flashing - North Edu Bldg.	2	2	13-Jun-18	14-Jun-18					
	Storefront Systems - North Edu Bldg.	4	4	15-Jun-18	20-Jun-18					
	Exterior Panels - North Edu Bldg.	3	3	22-Jun-18	26-Jun-18					
	Install Door Frames & Doors - North Edu Bldg.	2	2	27-Jun-18	28-Jun-18					
West	Seal Concrete Finish Walls - North Edu Bldg.	1	1	27-Jun-18	27-Jun-18					
	Caulking - North Edu Bldg.	5	5	28-Jun-18	05-Jul-18					
	MEP Trim Out - North Edu Bldg.	2	2	28-Jun-18	29-Jun-18					
	Storefront Protection - North Edu Bldg.	2	2	05-Jul-18	09-Jul-18					
	Waterproofing - West Edu Bldg.	21	21	13-Jul-18	12-Jul-18					
South	Storefront Blocking & Head / Sill Flashing - West Edu Bldg.	3	3	13-Jul-18	15-Jun-18					
	Storefront Systems - West Edu Bldg.	4	4	18-Jun-18	26-Jun-18					
	Exterior Panels - West Edu Bldg.	3	3	27-Jun-18	29-Jun-18					
	Install Door Frames & Doors - West Edu Bldg.	2	2	02-Jul-18	03-Jul-18					
	Seal Concrete Finish Walls - West Edu Bldg.	1	1	02-Jul-18	02-Jul-18					
East	Caulking - West Edu Bldg.	5	5	03-Jul-18	10-Jul-18					
	MEP Trim Out - West Edu Bldg.	2	2	03-Jul-18	05-Jul-18					
	Storefront Protection - West Edu Bldg.	2	2	11-Jul-18	12-Jul-18					
	Waterproofing - South Edu Bldg.	21	21	13-Jul-18	12-Jul-18					
	Storefront Blocking & Head / Sill Flashing - South Edu Bldg.	3	3	18-Jun-18	20-Jun-18					
East	Storefront Systems - South Edu Bldg.	4	4	21-Jun-18	02-Jul-18					
	Exterior Panels - South Edu Bldg.	3	3	02-Jul-18	05-Jul-18					
	Install Door Frames & Doors - South Edu Bldg.	2	2	05-Jul-18	06-Jul-18					
	Seal Concrete Finish Walls - South Edu Bldg.	1	1	06-Jul-18	06-Jul-18					
	Caulking - South Edu Bldg.	5	5	09-Jul-18	13-Jul-18					
East	MEP Trim Out - South Edu Bldg.	2	2	09-Jul-18	10-Jul-18					
	Storefront Protection - South Edu Bldg.	2	2	16-Jul-18	17-Jul-18					
	Waterproofing - East Edu Bldg.	21	21	21-Jul-18	20-Jul-18					
	Storefront Blocking & Head / Sill Flashing - East Edu Bldg.	3	3	21-Jul-18	25-Jun-18					
	Exterior Panels - East Edu Bldg.	2	2	26-Jun-18	27-Jun-18					
East	Install Door Frames & Doors - East Edu Bldg.	4	4	03-Jul-18	09-Jul-18					
	Seal Concrete Finish Walls - East Edu Bldg.	3	3	05-Jul-18	10-Jul-18					
	Caulking - East Edu Bldg.	1	1	11-Jul-18	11-Jul-18					
	MEP Trim Out - East Edu Bldg.	5	5	12-Jul-18	18-Jul-18					
	Storefront Protection - East Edu Bldg.									
Legend										
Actual Work		Critical Remaining Work								
Remaining Work		Summary								
Milestone		Milestone								

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Remaining Work ◆ Milestone

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Remaining Work ◆ Milestone

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A Gantt chart illustrating project progress. The x-axis represents time, and the y-axis lists tasks. A legend indicates:

- Actual Work**: Represented by a solid blue bar.
- Remaining Work**: Represented by a dashed blue bar.
- Critical Remaining Work**: Represented by a thick solid red bar.
- Milestone**: Indicated by a diamond marker.

The chart shows the following task details:

Task	Actual Work Progress (%)	Remaining Work (%)	Critical Remaining Work (%)	Milestone
Root	100	0	0	
Task A	100	0	0	
Task B	100	0	0	
Task C	100	0	0	
Task D	100	0	0	
Task E	100	0	0	
Task F	100	0	0	
Task G	100	0	0	
Task H	100	0	0	
Task I	100	0	0	
Task J	100	0	0	
Task K	100	0	0	
Task L	100	0	0	
Task M	100	0	0	
Task N	100	0	0	
Task O	100	0	0	
Task P	100	0	0	
Task Q	100	0	0	
Task R	100	0	0	
Task S	100	0	0	
Task T	100	0	0	
Task U	100	0	0	
Task V	100	0	0	
Task W	100	0	0	
Task X	100	0	0	
Task Y	100	0	0	
Task Z	100	0	0	

Master Schedule																												
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	2018						2019																
						Sep	Oct	Nov	Dec	Jan	Feb	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug					
ZN3-136	Install Canopy - Pier Head Bdg.	60	60	10-Jul-18	02-Oct-18	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Skin				91	10-Jul-18	15-Nov-18																						
<b>East</b>																												
ZN3-137	Exterior Framing - East Pier Head Bdg. (All Curbwall to Align With Backface of Curb)	9	9	10-Jul-18	20-Jul-18																							
ZN3-161	Sheathing - East Pier Head Bdg. (All Curbwall to Align With Backface of Curb)	15	15	24-Jul-18	13-Aug-18																							
ZN3-191	Waterproofing - East Pier Head Bdg. (All Curbwall to Align With Backface of Curb)	15	15	14-Aug-18	04-Sep-18																							
ZN3-202	Storefront Systems - East Pier Head Bdg. (All Curbwall to Align With Backface of Curb)	20	20	21-Aug-18	18-Sep-18																							
ZN3-220	Exterior Panels - East Pier Head Bdg. (All Curbwall to Align With Backface of Curb)	6	6	19-Sep-18	26-Sep-18																							
ZN3-270	Caulking - East Pier Head Bdg. (All Curbwall to Align With Backface of Curb)	6	6	23-Jul-18	10-Oct-18																							
North				96	10-Jul-18	15-Nov-18																						
ZN3-156	Exterior Framing - North Pier Head Bdg.	9	9	23-Jul-18	02-Aug-18																							
ZN3-165	Sheathing - North Pier Head Bdg.	15	15	06-Aug-18	24-Aug-18																							
ZN3-214	Waterproofing - North Pier Head Bdg.	15	15	20-Aug-18	10-Sep-18																							
ZN3-245	Exterior Panels - North Pier Head Bdg.	20	20	04-Sep-18	01-Oct-18																							
ZN3-252	Storefront Systems - North Pier Head Bdg.	15	15	05-Sep-18	25-Sep-18																							
ZN3-287	Caulking - North Pier Head Bdg.	6	6	02-Oct-18	10-Oct-18																							
<b>Ceiling at Level 3</b>																												
ZN3-201	Exterior Framing - Ceiling @ Lvl 3 Pier Head Bdg.	10	10	13-Aug-18	24-Sep-18																							
ZN3-218	Waterproofing - Ceiling @ Lvl 3 Pier Head Bdg.	10	10	20-Aug-18	31-Aug-18																							
ZN3-233	Painting All Surfaces, Framing, Insulation, etc Within Soffit (White) - Ceiling @ Lvl 3 Pier Head Bdg.	5	5	27-Aug-18	31-Aug-18																							
ZN3-247	Exterior Panels - Ceiling @ Lvl 3 Pier Head Bdg.	15	15	04-Sep-18	24-Sep-18																							
ZN3-248	Spray Foam Insulation - Ceiling @ Lvl 3 Pier Head Bdg.	5	5	04-Sep-18	10-Sep-18																							
<b>Level 3</b>																												
ZN3-182	Exterior Framing - Ceiling @ Lvl 3 Pier Head Bdg.	9	9	03-Aug-18	15-Aug-18																							
ZN3-218	Waterproofing - Ceiling @ Lvl 3 Pier Head Bdg.	15	15	17-Aug-18	07-Sep-18																							
ZN3-233	Painting All Surfaces, Framing, Insulation, etc Within Soffit (White) - Ceiling @ Lvl 3 Pier Head Bdg.	15	15	31-Aug-18	21-Sep-18																							
ZN3-247	Exterior Panels - Ceiling @ Lvl 3 Pier Head Bdg.	20	20	17-Sep-18	15-Oct-18																							
ZN3-279	Storefront Systems - South Pier Head Bdg.	15	15	26-Sep-18	17-Oct-18																							
ZN3-294	Caulking - South Pier Head Bdg.	6	6	18-Oct-18	25-Oct-18																							
<b>West</b>																												
ZN3-207	Exterior Framing - West Pier Head Bdg.	9	9	16-Aug-18	28-Aug-18																							
ZN3-238	Sheathing - West Pier Head Bdg.	15	15	30-Aug-18	14-Sep-18																							
ZN3-260	Waterproofing - West Pier Head Bdg.	15	15	14-Sep-18	04-Oct-18																							
ZN3-284	Exterior Panels - West Pier Head Bdg.	20	20	28-Sep-18	26-Oct-18																							
ZN3-293	Storefront Systems - West Pier Head Bdg.	15	15	18-Oct-18	07-Nov-18																							
ZN3-302	Caulking - West Pier Head Bdg.	6	6	08-Nov-18	15-Nov-18																							
<b>Interior</b>																												
ZN3-1	Pier Decking - Wall Layout - Lvl 1 Pier Head Bdg.	121	121	16-Aug-18	23-Jan-19																							
ZN3-138	Wall Layout - Lvl 1 Pier Head Bdg.	3	3	10-Jul-18	12-Jul-18																							
ZN3-139	Initial HVAC Equipment - Lvl 1 Pier Head Bdg.	5	5	10-Jul-18	16-Jul-18																							
ZN3-147	Overhead Fire Protection - Lvl 1 Pier Head Bdg.	7	7	23-Jul-18	02-Aug-18																							
ZN3-156	Initial Ductwork - Lvl 1 Pier Head Bdg.	10	10	26-Jul-18	03-Jul-18																							
ZN3-171	Interior Framing - Lvl 1 Pier Head Bdg.	8	8	31-Jul-18	09-Aug-18																							
ZN3-172	Overhead Electrical Rough In - Lvl 1 Pier Head Bdg.	10	10	31-Jul-18	13-Aug-18																							
ZN3-196	In-Wall Plumbing Rough In - Lvl 1 Pier Head Bdg.	9	9	10-Aug-18	21-Aug-18																							
ZN3-199	Initial Overhead Rollup Door - Lvl 1 Pier Head Bdg.	2	2	10-Aug-18	13-Aug-18																							
ZN3-205	Overhead Inspections - Lvl 1 Pier Head Bdg.	1	1	14-Aug-18	14-Aug-18																							
<b>Actual Work</b>																												
<b>Remaining Work</b>																												
<b>Milestone</b>																												

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Critical Remaining Work

Overhead Inspections - Lvl 1 Pier Head Bdg.

Initial Ductwork - Lvl 1 Pier Head Bdg.

Initial HVAC Equipment - Lvl 1 Pier Head Bdg.

Initial Fire Protection - Lvl 1 Pier Head Bdg.

Initial Exterior Panels - Lvl 1 Pier Head Bdg.

Initial Sheathing - Lvl 1 Pier Head Bdg.

Initial Waterproofing - Lvl 1 Pier Head Bdg.

Initial Wall Layout - Lvl 1 Pier Head Bdg.

Initial Interior Framing - Lvl 1 Pier Head Bdg.

Initial Overhead Rough In - Lvl 1 Pier Head Bdg.

Initial Storefront Systems - Lvl 1 Pier Head Bdg.

Initial Caulking - Lvl 1 Pier Head Bdg.

Initial Painting - Lvl 1 Pier Head Bdg.

Initial Exterior Framing - Lvl 1 Pier Head Bdg.

Initial Sheathing - Lvl 1 Pier Head Bdg.

Initial Waterproofing - Lvl 1 Pier Head Bdg.

Initial Exterior Panels - Lvl 1 Pier Head Bdg.

Initial Sheathing - Lvl 1 Pier Head Bdg.

Initial Waterproofing - Lvl 1 Pier Head Bdg.

Initial Exterior Panels - Lvl 1 Pier Head Bdg.

Initial Sheathing - Lvl 1 Pier Head Bdg.

Initial Waterproofing - Lvl 1 Pier Head Bdg.

Initial Exterior Panels - Lvl 1 Pier Head Bdg.

Initial Sheathing - Lvl 1 Pier Head Bdg.

Initial Waterproofing - Lvl 1 Pier Head Bdg.

Initial Exterior Panels - Lvl 1 Pier Head Bdg.

Initial Sheathing - Lvl 1 Pier Head Bdg.

Initial Waterproofing - Lvl 1 Pier Head Bdg.

Initial Exterior Panels - Lvl 1 Pier Head Bdg.

Initial Sheathing - Lvl 1 Pier Head Bdg.

Initial Waterproofing - Lvl 1 Pier Head Bdg.

Initial Exterior Panels - Lvl 1 Pier Head Bdg.

Initial Sheathing - Lvl 1 Pier Head Bdg.

Initial Waterproofing - Lvl 1 Pier Head Bdg.

Initial Exterior Panels - Lvl 1 Pier Head Bdg.

Initial Sheathing - Lvl 1 Pier Head Bdg.

Initial Waterproofing - Lvl 1 Pier Head Bdg.

Initial Exterior Panels - Lvl 1 Pier Head Bdg.

Initial Sheathing - Lvl 1 Pier Head Bdg.

Initial Waterproofing - Lvl 1 Pier Head Bdg.

Initial Exterior Panels - Lvl

The New St. Petersburg Pier

Activity ID	Activity Name	Master Schedule												Data Date: 18-Oct-17 Date Printed: 01-Nov-17											
		Original Duration	Start	Finish	2018	2019	2020	2021	2022	2023	2024	2025	2026	2018	2019	2020	2021	2022	2023	2024	2025	2026			
ZNS-206	Frame Hard Ceilings - Lvl 1 Pier Head Bdg.	10	10	15-Aug-18	28-Aug-18																				
ZNS-222	In-Wall Electrical Rough In - Lvl 1 Pier Head Bdg.	6	8	22-Aug-18	31-Aug-18																				
ZNS-271	Install Transformer - Lvl 1 Pier Head Bdg.	5	5	27-Aug-18*	31-Aug-18*																				
ZNS-246	In-Wall Inspections - Lvl 1 Pier Head Bdg.	1	1	04-Sep-18	04-Sep-18																				
ZNS-282	Pull Man Transformer Feeder - Pier Head Bdg.	25	25	04-Sep-18	09-Oct-18																				
ZNS-285	Hang & Finish Drywall - Lvl 1 Pier Head Bdg.	10	10	18-Oct-18	31-Oct-18																				
ZNS-297	Install Grease Traps - Lvl 1 Pier Head Bdg.	5	5	25-Oct-18	31-Oct-18																				
ZNS-298	Install Electrical Panels & Switchgear - Lvl 1 Pier Head Bdg.	5	5	25-Oct-18	31-Oct-18																				
ZNS-299	Hang & Finish Hard Ceilings - Lvl 1 Pier Head Bdg.	8	8	01-Nov-18	12-Nov-18																				
ZNS-301	Install Secondary Feeders to Transformer - Pier Head Bdg.	15	15	01-Nov-18	21-Nov-18																				
ZNS-304	Prime Paint - Lvl 1 Pier Head Bdg.	5	5	13-Nov-18	19-Nov-18																				
ZNS-305	Epoxy Fiber Paint - Lvl 1 Pier Head Bdg.	7	7	13-Nov-18	21-Nov-18																				
ZNS-309	Final Paint - Lvl 1 Pier Head Bdg.	8	8	20-Nov-18	03-Dec-18																				
ZNS-314	Terminal Panels - Pier Head Bdg.	5	5	26-Nov-18	30-Nov-18																				
ZNS-320	Plumbing Fixtures - Lvl 1 Pier Head Bdg.	5	5	04-Dec-18	10-Dec-18																				
ZNS-321	Doors & Hardware - Lvl 1 Pier Head Bdg.	4	4	04-Dec-18	07-Dec-18																				
ZNS-324	Fire Protection Trim Out - Lvl 1 Pier Head Bdg.	4	4	04-Dec-18	07-Dec-18																				
ZNS-337	Install Electrical Pictures - Lvl 1 Pier Head Bdg.	5	5	11-Dec-18	17-Dec-18																				
ZNS-341	Install Partitions & Accessories - Lvl 1 Pier Head Bdg.	5	5	11-Dec-18	17-Dec-18																				
ZNS-345	MEP Trim Out - Lvl 1 Pier Head Bdg.	5	5	18-Dec-18	24-Dec-18																				
ZNS-346	Punch / Clean - Lvl 1 Pier Head Bdg.	5	5	26-Dec-18	02-Jan-19																				
<b>Level 2: Patio/Career Center</b>		<b>12-Dec-18 - 12-Dec-18</b>												<b>12-Dec-18 - 12-Dec-18</b>											
ZNS-348	Wall Layout - Lvl 2 Pier Head Bdg.	3	3	13-Jul-18	17-Jul-18																				
ZNS-150	Overhead Fire Protection - Lvl 2 Pier Head Bdg.	5	5	18-Jul-18	24-Jul-18																				
ZNS-153	Install Ductwork - Lvl 2 Pier Head Bdg.	7	7	03-Aug-18	13-Aug-18																				
ZNS-197	Interior Framing - Lvl 2 Pier Head Bdg.	5	5	10-Aug-18	16-Aug-18																				
ZNS-203	Overhead Electrical Rough In - Lvl 2 Pier Head Bdg.	7	7	14-Aug-18	22-Aug-18																				
ZNS-209	In-Wall Plumbing Rough In - Lvl 2 Pier Head Bdg.	5	5	17-Aug-18	23-Aug-18																				
ZNS-223	Overhead Inspections - Lvl 2 Pier Head Bdg.	1	1	23-Aug-18	30-Aug-18																				
ZNS-224	In-Wall Electrical Rough In - Lvl 2 Pier Head Bdg.	5	5	24-Aug-18	31-Aug-18																				
ZNS-225	Frame Hard Ceilings - Lvl 2 Pier Head Bdg.	6	6	24-Aug-18	31-Aug-18																				
ZNS-240	In-Wall Inspections - Lvl 2 Pier Head Bdg.	1	1	31-Aug-18	03-Dec-18																				
ZNS-300	Hang & Finish Drywall - Lvl 2 Pier Head Bdg.	2	2	29-Nov-18	30-Nov-18																				
ZNS-306	Prime Paint - Lvl 2 Pier Head Bdg.	8	8	01-Nov-18	19-Nov-18																				
ZNS-308	Flooring Prep - Lvl 2 Pier Head Bdg.	5	5	15-Nov-18	21-Nov-18																				
ZNS-310	Final Paint - Lvl 2 Pier Head Bdg.	5	5	20-Nov-18	28-Nov-18																				
ZNS-311	Hang & Finish Hard Ceilings - Lvl 2 Pier Head Bdg.	6	6	20-Nov-18	28-Nov-18																				
ZNS-316	Install Electrical Pictures - Lvl 2 Pier Head Bdg.	3	3	29-Nov-18	03-Dec-18																				
ZNS-317	Doors & Hardware - Lvl 2 Pier Head Bdg.	2	2	29-Nov-18	30-Nov-18																				
ZNS-318	MEP Trim Out - Lvl 2 Pier Head Bdg.	4	4	30-Nov-18	06-Dec-18																				
ZNS-319	Fire Protection Trim Out - Lvl 2 Pier Head Bdg.	4	4	30-Dec-18	12-Dec-18																				
ZNS-335	Punch / Clean - Lvl 2 Pier Head Bdg.	5	5	06-Dec-18	12-Dec-18																				
<b>Level 3: Mezzanine / Storage</b>		<b>12-Dec-18 - 12-Dec-18</b>												<b>12-Dec-18 - 12-Dec-18</b>											
ZNS-151	Wall Layout - Lvl 3 Pier Head Bdg.	3	3	18-Apr-18	20-Jul-18																				
ZNS-159	Overhead Fire Protection - Lvl 3 Pier Head Bdg.	10	10	23-Jul-18	03-Aug-18																				
ZNS-170	Overhead Electrical Rough In - Lvl 3 Pier Head Bdg.	10	10	30-Jul-18	10-Aug-18																				
ZNS-204	Initial Ductwork - Lvl 3 Pier Head Bdg.	4	4	14-Aug-18	17-Aug-18																				

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Actual Work

Remaining Work

◆ Milestone



Summary

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Master Schedule																									
Activity ID	Activity Name	Start			Duration			Remaining Duration			Finish			Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul											
		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
ZNS-210	Interior Framing - Lvl 3 Pier Head Bldg.	20-Aug-18	23-Aug-18																						
ZNS-219	Overhead Inspections - Lvl 3 Pier Head Bldg.	20-Aug-18	23-Aug-18																						
ZNS-226	In-Wall Plumbing Rough In - Lvl 3 Pier Head Bldg.	24-Aug-18	30-Aug-18																						
ZNS-241	In-Wall Electric Rough In - Lvl 3 Pier Head Bldg.	31-Aug-18	07-Sep-18																						
ZNS-254	In-Wall Inspections - Lvl 3 Pier Head Bldg.	10-Sep-18	10-Sep-18																						
ZNS-278	MEP Trim Out - Ceiling @ Lvl 3 Pier Head Bldg.	10-Sep-18	09-Oct-18																						
ZNS-307	Hang & Finish Drywall - Lvl 3 Pier Head Bldg.	10-Sep-18	09-Nov-18																						
ZNS-312	Prime Paint - Lvl 3 Pier Head Bldg.	6	6	13-Nov-18	20-Nov-18																				
ZNS-315	Final Paint - Lvl 3 Pier Head Bldg.	3	3	21-Nov-18	27-Nov-18																				
ZNS-327	MEP Trim Out - Lvl 3 Pier Head Bldg.	5	5	28-Nov-18	04-Dec-18																				
ZNS-328	Install Electrical Fixtures - Lvl 3 Pier Head Bldg.	2	2	05-Dec-18	06-Dec-18																				
ZNS-331	Doors & Hardware - Lvl 3 Pier Head Bldg.	3	3	05-Dec-18	07-Dec-18																				
ZNS-334	Fire Protection Trim Out - Lvl 3 Pier Head Bldg.	2	2	05-Dec-18	06-Dec-18																				
ZNS-338	Punch / Clean - Lvl 3 Pier Head Bldg.	4	4	05-Dec-18	10-Dec-18																				
Level 4 - Restaurant		5	5	11-Dec-18	17-Dec-18																				
ZNS-160	Wall Layout - Lvl 4 Pier Head Bldg.	113	113	23-Jul-18	03-Jan-19																				
ZNS-168	Overhead Fire Protection - Lvl 4 Pier Head Bldg.	9	9	23-Jul-18	25-Jul-18																				
ZNS-181	Overhead Ductwork - Lvl 4 Pier Head Bldg.	7	7	26-Jul-18	03-Aug-18																				
ZNS-200	Overhead Electrical Rough In - Lvl 4 Pier Head Bldg.	5	5	02-Aug-18	08-Aug-18																				
ZNS-227	Interior Framing - Lvl 4 Pier Head Bldg.	10	10	13-Aug-18	24-Aug-18																				
ZNS-234	Overhead Inspections - Lvl 4 Pier Head Bldg.	5	5	24-Aug-18	30-Aug-18																				
ZNS-242	In-Wall Plumbing Rough In - Lvl 4 Pier Head Bldg.	1	1	27-Aug-18	27-Aug-18																				
ZNS-259	In-Wall Electrical Rough In - Lvl 4 Pier Head Bldg.	8	8	31-Aug-18	12-Sep-18																				
ZNS-275	In-Wall Inspections - Lvl 4 Pier Head Bldg.	8	8	13-Sep-18	24-Sep-18																				
ZNS-313	Hang & Finish Drywall - Lvl 4 Pier Head Bldg.	1	1	25-Sep-18	25-Sep-18																				
ZNS-329	Prime Paint - Lvl 4 Pier Head Bldg.	8	8	21-Nov-18	04-Dec-18																				
ZNS-336	Flooring Prep - Lvl 4 Pier Head Bldg.	4	4	05-Dec-18	10-Dec-18																				
ZNS-339	Flooring - Lvl 4 Pier Head Bldg.	7	7	07-Dec-18	17-Dec-18																				
ZNS-340	MEP Trim Out - Lvl 4 Pier Head Bldg.	6	6	11-Dec-18	18-Dec-18																				
ZNS-346	Instal Electrical Fixtures - Lvl 4 Pier Head Bldg.	5	5	11-Dec-18	17-Dec-18																				
ZNS-347	Doors & Hardware - Lvl 4 Pier Head Bldg.	3	3	19-Dec-18	21-Dec-18																				
ZNS-348	Fire Protection Trim Out - Lvl 4 Pier Head Bldg.	4	4	19-Dec-18	24-Dec-18																				
ZNS-355	Punch / Clean - Level 4	5	5	27-Dec-18	03-Jan-19																				
Level 5 - Roof Deck		15	15	10-Jan-19	10-Jan-19																				
ZNS-169	Wal Layout - Lvl 5 Pier Head Bldg.	3	3	28-Jul-18	30-Jul-18																				
ZNS-173	Overhead Fire Protection - Lvl 5 Pier Head Bldg.	4	4	31-Jul-18	03-Aug-18																				
ZNS-195	Initial Ductwork - Lvl 5 Pier Head Bldg.	8	8	09-Aug-18	20-Aug-18																				
ZNS-215	Overhead Electrical Rough In - Lvl 5 Pier Head Bldg.	5	5	20-Aug-18	24-Aug-18																				
ZNS-235	Overhead Inspections - Lvl 5 Pier Head Bldg.	1	1	27-Aug-18	27-Aug-18																				
ZNS-243	Interior Framing - Lvl 5 Pier Head Bldg.	5	5	31-Aug-18	07-Sep-18																				
ZNS-255	In-Wall Plumbing Rough In - Lvl 5 Pier Head Bldg.	6	6	10-Sep-18	17-Sep-18																				
ZNS-267	In-Wall Electrical Rough In - Lvl 5 Pier Head Bldg.	5	5	18-Sep-18	24-Sep-18																				
ZNS-278	In-Wall Inspections - Lvl 5 Pier Head Bldg.	1	1	25-Sep-18	11-Dec-18																				
ZNS-320	Hang & Finish Drywall - Lvl 5 Pier Head Bldg.	5	5	05-Dec-18	12-Dec-18																				
ZNS-342	Prime Paint - Lvl 5 Pier Head Bldg.	3	3	12-Dec-18	14-Dec-18																				
ZNS-343	Install Electrical Equipment - Lvl 5 Pier Head Bldg.	5	5	17-Dec-18	21-Dec-18																				
ZNS-344	Final Paint - Lvl 5 Pier Head Bldg.	5	5	17-Dec-18	17-Dec-18																				
Actual Work		Critical Remaining Work														Summary							◆ Milestone		
Remaining Work																							Page 15 of 17		
Data Date: 18-Oct-17 Date Printed: 01-Nov-17																							SKANSKA		

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Activity ID	Activity Name	Master Schedule												Data Date: 18-Oct-17 Date Printed: 01-Nov-17																	
		Original Start	Remaining Duration	Start	Finish	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019						
ZNS-349	Install Electrical Fixtures - Lvl 5 Pier Head Bldg.	3	3	24-Dec-18	27-Dec-18	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26			
ZNS-350	Install Plumbing Fixtures - Lvl 5 Pier Head Bldg.	5	5	24-Dec-18	31-Dec-18	3	3	24-Dec-18	27-Dec-18	4	4	24-Dec-18	28-Dec-18	2	2	24-Dec-18	26-Dec-18	2	2	24-Dec-18	26-Dec-18	1	1	24-Dec-18	26-Dec-18	1	1	24-Dec-18	26-Dec-18		
ZNS-351	Doors & Hardware - Lvl 5 Pier Head Bldg.	3	3	24-Dec-18	31-Dec-18	4	4	24-Dec-18	28-Dec-18	3	3	24-Dec-18	28-Dec-18	2	2	24-Dec-18	26-Dec-18	2	2	24-Dec-18	26-Dec-18	1	1	24-Dec-18	26-Dec-18	1	1	24-Dec-18	26-Dec-18		
ZNS-352	Fire Protection Trim Out - Lvl 5 Pier Head Bldg.	4	4	24-Dec-18	28-Dec-18	5	5	24-Dec-18	31-Dec-18	6	6	24-Dec-18	31-Dec-18	7	7	24-Dec-18	31-Dec-18	8	8	24-Dec-18	31-Dec-18	9	9	24-Dec-18	31-Dec-18	10	10	24-Dec-18	31-Dec-18		
ZNS-353	Install Partitions & Accessories - Lvl 5 Pier Head Bldg.	2	2	24-Dec-18	31-Dec-18	3	3	24-Dec-18	28-Dec-18	4	4	24-Dec-18	28-Dec-18	5	5	24-Dec-18	28-Dec-18	6	6	24-Dec-18	28-Dec-18	7	7	24-Dec-18	28-Dec-18	8	8	24-Dec-18	28-Dec-18		
ZNS-356	MEP Trim Out - Lvl 5 Pier Head Bldg.	2	2	24-Dec-18	31-Dec-18	3	3	24-Dec-18	28-Dec-18	4	4	24-Dec-18	28-Dec-18	5	5	24-Dec-18	28-Dec-18	6	6	24-Dec-18	28-Dec-18	7	7	24-Dec-18	28-Dec-18	8	8	24-Dec-18	28-Dec-18		
ZNS-357	Punch Clean - Lvl 5 Pier Head Bldg.	5	5	04-Jan-19	10-Jan-19	6	6	04-Jan-19	10-Jan-19	7	7	04-Jan-19	10-Jan-19	8	8	04-Jan-19	10-Jan-19	9	9	04-Jan-19	10-Jan-19	10	10	04-Jan-19	10-Jan-19	11	11	04-Jan-19	10-Jan-19		
<b>Level 6: Penthouse</b>																															
ZNS-140	Root Hatches - Lvl 6 Pier Head Bldg.	2	2	10-Jul-18	11-Jul-18	3	3	10-Jul-18	11-Jul-18	4	4	10-Jul-18	11-Jul-18	5	5	10-Jul-18	11-Jul-18	6	6	10-Jul-18	11-Jul-18	7	7	10-Jul-18	11-Jul-18	8	8	10-Jul-18	11-Jul-18		
ZNS-143	Install HSS Steel Posts & Beam - Lvl 6 Pier Head Bldg.	5	5	11-Jul-18	16-Jul-18	6	6	11-Jul-18	16-Jul-18	7	7	11-Jul-18	16-Jul-18	8	8	11-Jul-18	16-Jul-18	9	9	11-Jul-18	16-Jul-18	10	10	11-Jul-18	16-Jul-18	11	11	11-Jul-18	16-Jul-18		
ZNS-174	Wall Layout - Lvl 6 Pier Head Bldg.	3	3	11-Jul-18	16-Jul-18	4	4	11-Jul-18	16-Jul-18	5	5	11-Jul-18	16-Jul-18	6	6	11-Jul-18	16-Jul-18	7	7	11-Jul-18	16-Jul-18	8	8	11-Jul-18	16-Jul-18	9	9	11-Jul-18	16-Jul-18		
ZNS-184	Fire Protection - Lvl 6 Pier Head Bldg.	4	4	11-Jul-18	16-Jul-18	5	5	11-Jul-18	16-Jul-18	6	6	11-Jul-18	16-Jul-18	7	7	11-Jul-18	16-Jul-18	8	8	11-Jul-18	16-Jul-18	9	9	11-Jul-18	16-Jul-18	10	10	11-Jul-18	16-Jul-18		
ZNS-237	Install Membrane Roofing - Lvl 6 Pier Head Bldg.	4	4	11-Jul-18	16-Jul-18	5	5	11-Jul-18	16-Jul-18	6	6	11-Jul-18	16-Jul-18	7	7	11-Jul-18	16-Jul-18	8	8	11-Jul-18	16-Jul-18	9	9	11-Jul-18	16-Jul-18	10	10	11-Jul-18	16-Jul-18		
ZNS-258	Initial Mechanical Equipment - Lvl 6 Pier Head Bldg.	5	5	11-Jul-18	16-Jul-18	6	6	11-Jul-18	16-Jul-18	7	7	11-Jul-18	16-Jul-18	8	8	11-Jul-18	16-Jul-18	9	9	11-Jul-18	16-Jul-18	10	10	11-Jul-18	16-Jul-18	11	11	11-Jul-18	16-Jul-18		
ZNS-277	Initial Ductwork - Lvl 6 Pier Head Bldg.	2	2	11-Jul-18	16-Jul-18	3	3	11-Jul-18	16-Jul-18	4	4	11-Jul-18	16-Jul-18	5	5	11-Jul-18	16-Jul-18	6	6	11-Jul-18	16-Jul-18	7	7	11-Jul-18	16-Jul-18	8	8	11-Jul-18	16-Jul-18		
ZNS-281	Interior Framing - Lvl 6 Pier Head Bldg.	5	5	11-Jul-18	16-Jul-18	6	6	11-Jul-18	16-Jul-18	7	7	11-Jul-18	16-Jul-18	8	8	11-Jul-18	16-Jul-18	9	9	11-Jul-18	16-Jul-18	10	10	11-Jul-18	16-Jul-18	11	11	11-Jul-18	16-Jul-18		
ZNS-288	Electrical Rough In - Lvl 6 Pier Head Bldg.	3	3	11-Jul-18	16-Jul-18	4	4	11-Jul-18	16-Jul-18	5	5	11-Jul-18	16-Jul-18	6	6	11-Jul-18	16-Jul-18	7	7	11-Jul-18	16-Jul-18	8	8	11-Jul-18	16-Jul-18	9	9	11-Jul-18	16-Jul-18		
ZNS-289	MEP Trim Out - Lvl 6 Pier Head Bldg.	1	1	10-Oct-18	10-Oct-18	2	2	10-Oct-18	10-Oct-18	3	3	10-Oct-18	10-Oct-18	4	4	10-Oct-18	10-Oct-18	5	5	10-Oct-18	10-Oct-18	6	6	10-Oct-18	10-Oct-18	7	7	10-Oct-18	10-Oct-18		
ZNS-290	Punch / Clean - Lvl 6 Pier Head Bldg.	5	5	11-Oct-18	17-Oct-18	6	6	11-Oct-18	17-Oct-18	7	7	11-Oct-18	17-Oct-18	8	8	11-Oct-18	17-Oct-18	9	9	11-Oct-18	17-Oct-18	10	10	11-Oct-18	17-Oct-18	11	11	11-Oct-18	17-Oct-18		
ZNS-325	HVAC Startup - Lvl 6 Pier Head Bldg.	3	3	03-Dec-18	05-Dec-18	4	4	03-Dec-18	05-Dec-18	5	5	03-Dec-18	05-Dec-18	6	6	03-Dec-18	05-Dec-18	7	7	03-Dec-18	05-Dec-18	8	8	03-Dec-18	05-Dec-18	9	9	03-Dec-18	05-Dec-18		
<b>Lawn Bowl</b>																															
ZNS-100	FR/FP Structural Wall at North Side - Lawn Bowl	15	15	13-Feb-18	16-Oct-18	16	15	13-Feb-18	16-Oct-18	17	17	13-Feb-18	16-Oct-18	18	17	13-Feb-18	16-Oct-18	19	17	13-Feb-18	16-Oct-18	20	17	13-Feb-18	16-Oct-18	21	17	13-Feb-18	16-Oct-18		
ZNS-107	FR/FP Pierhead Building West Wall - Lawn Bowl	10	10	07-Mar-18	20-Mar-18	11	10	07-Mar-18	20-Mar-18	12	12	07-Mar-18	20-Mar-18	13	12	07-Mar-18	20-Mar-18	14	12	07-Mar-18	20-Mar-18	15	12	07-Mar-18	20-Mar-18	16	12	07-Mar-18	20-Mar-18		
ZNS-111	FR/FP Curb Along South Perimeter - Lawn Bowl	5	5	21-Mar-18	27-Mar-18	6	5	21-Mar-18	28-Mar-18	7	5	21-Mar-18	28-Mar-18	8	5	21-Mar-18	28-Mar-18	9	5	21-Mar-18	28-Mar-18	10	5	21-Mar-18	28-Mar-18	11	5	21-Mar-18	28-Mar-18		
ZNS-113	FR/FP Beach Wall at West Perimeter - Lawn Bowl	5	5	28-Mar-18	04-Apr-18	6	5	28-Mar-18	04-Apr-18	7	5	28-Mar-18	04-Apr-18	8	5	28-Mar-18	04-Apr-18	9	5	28-Mar-18	04-Apr-18	10	5	28-Mar-18	04-Apr-18	11	5	28-Mar-18	04-Apr-18		
ZNS-115	Waterproofing at Pierhead Building West Wall - Lawn Bowl	5	5	04-Apr-18	10-Apr-18	6	5	04-Apr-18	10-Apr-18	7	5	04-Apr-18	10-Apr-18	8	5	04-Apr-18	10-Apr-18	9	5	04-Apr-18	10-Apr-18	10	5	04-Apr-18	10-Apr-18	11	5	04-Apr-18	10-Apr-18		
ZNS-118	57 Stone At Deck Drains - Lawn Bowl	3	3	11-Apr-18	13-Apr-18	4	3	11-Apr-18	13-Apr-18	5	3	11-Apr-18	13-Apr-18	6	3	11-Apr-18	13-Apr-18	7	3	11-Apr-18	13-Apr-18	8	3	11-Apr-18	13-Apr-18	9	3	11-Apr-18	13-Apr-18		
ZNS-119	Bold & Gold Drainage Soil Media - Lawn Bowl	5	5	16-Apr-18	20-Apr-18	6	5	16-Apr-18	20-Apr-18	7	5	16-Apr-18	20-Apr-18	8	5	16-Apr-18	20-Apr-18	9	5	16-Apr-18	20-Apr-18	10	5	16-Apr-18	20-Apr-18	11	5	16-Apr-18	20-Apr-18		
ZNS-123	Plant Trees & Proper Lift Elevation - Lawn Bowl	5	5	27-Apr-18	27-Apr-18	6	5	27-Apr-18	27-Apr-18	7	5	27-Apr-18	27-Apr-18	8	5	27-Apr-18	27-Apr-18	9	5	27-Apr-18	27-Apr-18	10	5	27-Apr-18	27-Apr-18	11	5	27-Apr-18	27-Apr-18		
ZNS-125	Irrigation Rough In - Lawn Bowl	5	5	30-Apr-18	04-May-18	6	5	30-Apr-18	04-May-18	7	5	30-Apr-18	04-May-18	8	5	30-Apr-18	04-May-18	9	5	30-Apr-18	04-May-18	10	5	30-Apr-18	04-May-18	11	5	30-Apr-18	04-May-18		
ZNS-250	Install Geotext Layers (8 Lats) - Lawn Bowl	10	10	05-Sep-18	18-Sep-18	11	10	05-Sep-18	18-Sep-18	12	10	05-Sep-18	18-Sep-18	13	10	05-Sep-18	18-Sep-18	14	10	05-Sep-18	18-Sep-18	15	10	05-Sep-18	18-Sep-18	16	10	05-Sep-18	18-Sep-18		
ZNS-251	Branch Electric Rough In - Lawn Bowl	5	5	06-Sep-18	11-Sep-18	6	5	06-Sep-18	11-Sep-18	7	5	06-Sep-18	11-Sep-18	8	5	06-Sep-18	11-Sep-18	9	5	06-Sep-18	11-Sep-18	10	5	06-Sep-18	11-Sep-18	11	5	06-Sep-18	11-Sep-18		
ZNS-269	Fil / Tops oil for Plantings - Lawn Bowl	4	4	19-Sep-18	24-Sep-18	5	4	19-Sep-18	24-Sep-18	6	4	19-Sep-18	24-Sep-18	7	4	19-Sep-18	24-Sep-18	8	4	19-Sep-18	24-Sep-18	9	4	19-Sep-18	24-Sep-18	10	4	19-Sep-18	24-Sep-18		
ZNS-273	Complete Aggregate Base - Lawn Bowl	3	3	25-Sep-18	27-Sep-18	4	3	25-Sep-18	27-Sep-18	5	3	25-Sep-18	27-Sep-18	6	3	25-Sep-18	27-Sep-18	7	3	25-Sep-18	27-Sep-18	8	3	25-Sep-18	27-Sep-18	9	3	25-Sep-18	27-Sep-18		
ZNS-274	Plants Tree Anchors - Lawn Bowl	2	2	25-Sep-18	26-Sep-18	3	2	25-Sep-18	26-Sep-18	4	2	25-Sep-18	26-Sep-18	5	2	25-Sep-18	26-Sep-18	6	2	25-Sep-18	26-Sep-18	7	2	25-Sep-18	26-Sep-18	8	2	25-Sep-18	26-Sep-18		
ZNS-280	Landscape Finishes - Lawn Bowl	10	10	10	10	11	10	10	10	11	10	10	11	10	11	10	11	10	11	10	11	10	11	10	11	10	11	10	11	10	11
ZNS-283	FR/FP 6 Lawn Bowl Sidewalk to Pierhead and Level - Lawn Bowl	3	3	12-Sep-18	16-Oct-18	4	3	12-Sep-18	16-Oct-18	5	3	12-Sep-18	16-Oct-18	6	3	12-Sep-18	16-Oct-18	7	3	12-Sep-18	16-Oct-18	8	3	12-Sep-18	16-Oct-18	9	3	12-Sep-18	16-Oct-18		
ZNS-291	Trimout Electrical Fixtures & Devices - Lawn Bowl	3	3	12-Oct-18	16-Oct-18	4	3	12-Oct-18	16-Oct-18	5	3	12-Oct-18	16-Oct-18	6	3	12-Oct-18	16-Oct-18	7	3	12-Oct-18	16-Oct-18	8	3	12-Oct-18	16-Oct-18	9	3	12-Oct-18	16-Oct-18		
ZNS-292	Trimout Irrigation - Lawn Bowl	23	23	19-Jun-18	20-Jun-18	24	23	19-Jun-18	20-Jun-18	25	23	19-Jun-18	20-Jun-18	26	23	19-Jun-18	20-Jun-18	27	23	19-Jun-18	20-Jun-18	28	23	19-Jun-18	20-Jun-18</						

Master Schedule										Data Date: 18-Oct-17 Date Printed: 01-Nov-17										
Activity ID	Activity Name	Original Duration	Remaining Duration	Start		Finish		Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul		
				4	5	6	7													
ZN3-256	F/R/P Stars & Ramp	15	15	10-Sep-18		28-Sep-18														
Lift Station	Lift Station Structural Steel Below Deck - Lift Station #1	778	778	23-Mar-18		05-Dec-18														
ZN3-102	Concrete Manhole Structure - Lift Station #1	5	5	23-Mar-18		29-Mar-18														
ZN3-103	Pre-Manufactured Fiberglass Lift Station Well - Lift Station #1	5	5	30-Mar-18		05-Apr-18														
ZN3-105	Install Pump & Floats - Lift Station #1	2	2	06-Apr-18		05-Apr-18														
ZN3-106	Terminal / Connect All Piping - Lift Station #1	5	5	10-Apr-18		16-Apr-18														
ZN3-108	Mount Controller - Lift Station #1	5	5	17-Apr-18		23-Apr-18														
ZN3-110	Connect Power & Test - Lift Station #1	3	3	03-Dec-18		30-Apr-18														
ZN3-326	FF & A/ Signage	10	10	19-Feb-19		04-Mar-19														
FF & A/ Signage	FF & A/ Signage	10	10	19-Feb-19		04-Mar-19														
Project Closeout	New Pier	76	76	04-Feb-19		21-May-19														
PCL-100	Punch / Clean	76	76	04-Feb-19		21-May-19														
PCL-101	Inspections / Certifications	25	25	04-Feb-19		11-Mar-19														
PCL-102	CO / SC	10	10	06-Mar-19		19-Mar-19														
PCL-103	Substantial Completion	10	10	13-Mar-19		26-Mar-19														
PCL-104	Final Punch	0	0																	
PCL-105	Commissioning / Closeout	40	40	27-Mar-19		21-May-19														
PCL-106	Final Completion	40	40	27-Mar-19		21-May-19														
		0	0																	

Actual Work      Remaining Work      Critical Remaining Work      Summary      Milestone

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SKANSKA



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Bryan Ray, Sr. Project Manager - Self-Perform Work  
Teresa Morales, Preconstruction Coordinator

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