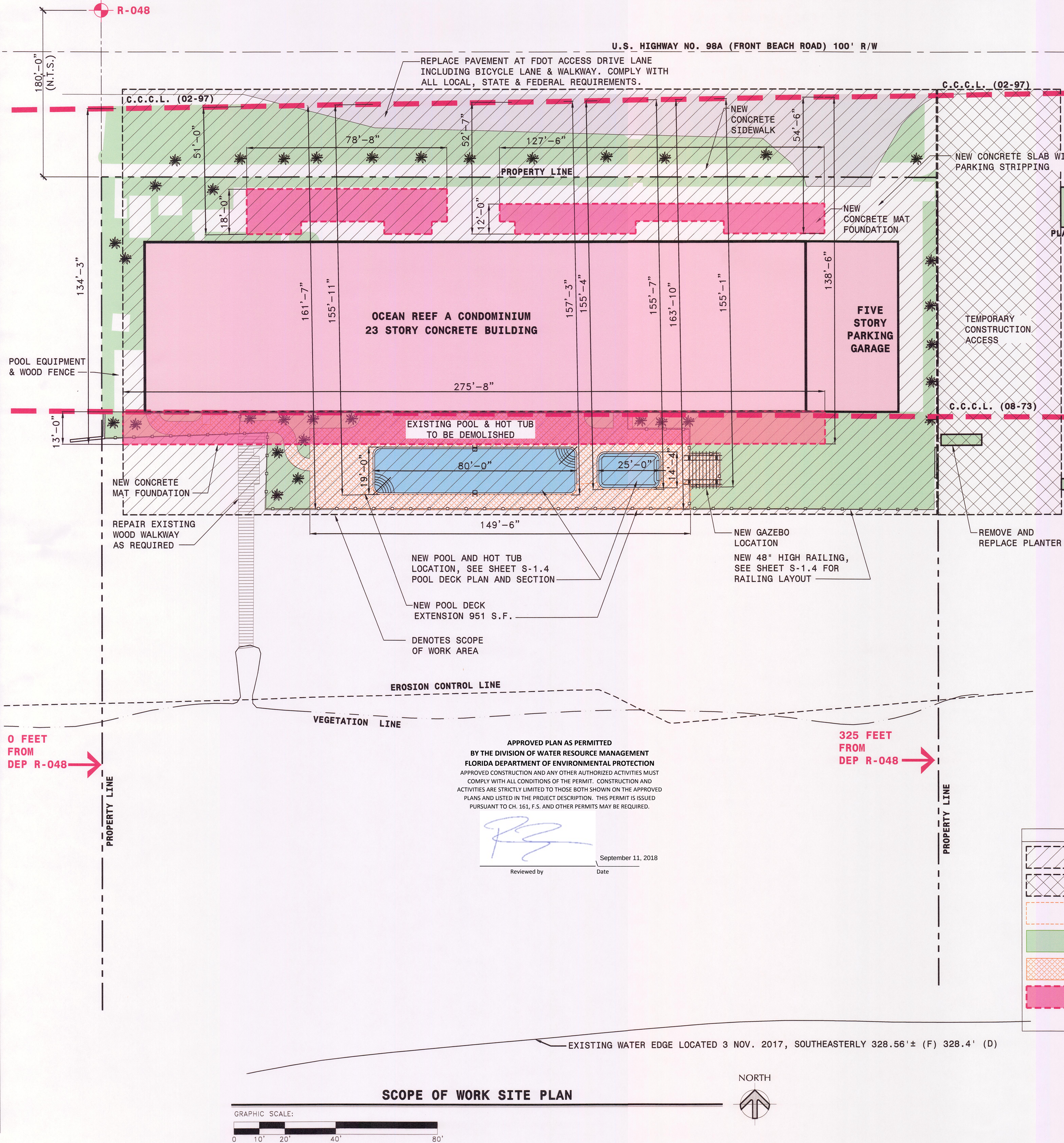


These Designs and Drawings are the Copyrighted Property of Atkins Engineers, Inc. and may not be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of Atkins Engineers, Inc.



D.E.P. GENERAL NOTES

- CONTRACTOR TO CARRY OUT CONSTRUCTION ACTIVITIES IN STRICT COMPLIANCE WITH PLANS AS APPROVED BY FLORIDA D.E.P. AND SECTION 628-33, FLORIDA ADMINISTRATIVE CODE.
- CONTRACTOR TO USE EXTREME CARE TO PREVENT ADVERSE IMPACTS TO THE BEACH AND DUNE SYSTEM, MARINE TURTLES, THEIR NESTS AND HABITAT.
- CONTRACTOR TO FACILITATE SITE ACCESS TO D.E.P. AUTHORIZED PERSONNEL TO MONITOR CONSTRUCTION FOR COMPLIANCE APPROVED PLANS AND HAVE ALL APPROVED CONSTRUCTION DOCUMENTS AVAILABLE FOR REVIEW DURING SITE VISIT.
- CONTRACTOR TO INSTALL TEMPORARY FENCING TO SEPARATE EXISTING VEGETATED AREAS SEAWARD OF C.C.C.L. AND APPROVED CONSTRUCTION AREAS.
- CONTRACTOR SHALL NOT DISTURB EXISTING BEACH, DUNE TOPOGRAPHY AND VEGETATION EXCEPT AS EXPRESSLY AUTHORIZED BY PERMITTED PLANS.
- ALL FILL MATERIAL PLACED SEAWARD OF THE C.C.C.L. SHALL BE SAND WHICH IS SIMILAR TO THE ALREADY EXISTING ON THE SITE IN BOTH COLORATION AND GRAIN SIZE. ALL SUCH FILL MATERIAL SHALL BE FREE OF CONSTRUCTION DEBRIS, ROCKS, CLAY, OR OTHER FOREIGN MATTER; SHALL BE OBTAINED FROM A SOURCE LANDWARD OF THE COASTAL CONSTRUCTION CONTROL LINE; AND SHALL BE FREE OF COARSE GRAVEL OR COBBLES.
- ALL NEW FILL MATERIAL TO COMPLY WITH CITY OF PANAMA BEACH CODE OF ORDINANCES. ORDINANCE 1383 (4/28/2016), SECTION 8-131:
UNACCEPTABLE FILL MATERIAL IS FILL MATERIAL NOT HAVING A MUNSSELL VALUE OF 7 OR ABOVE, HUE 7.5YR OR 10YR OR 5Y, CHROMA/1 OR/2 (SEE MUNSSELL SOIL COLOR CHARTS, KOLLMORGEN INSTRUMENT CORP., 1994) IN A WASHED, DRY STATE WITH A MEAN GRAIN SIZE OF 0.5 MM OR LESS, BUT NOT MORE THAN TEN PERCENT (10%) SILT. A MUNSSELL VALUE OF 6 FOR UNWASHED FILL MATERIAL MAY BE DEPOSITED IF THE OWNER OF THE LAND BEING FILLED OR THE OWNER'S AGENT CAN SHOW THAT THE VALUE WILL INCREASE TO A MINIMUM OF 7 AFTER TEN WASHINGS. NOTWITHSTANDING ANYTHING HEREIN, NO FILL MATERIAL SHALL BE STORED, DEPOSITED, TRANSFERRED OR USED SOUTH OF THE NORTH RIGHT-OF-WAY OF FRONT BEACH ROAD, SOUTH THOMAS DRIVE AND THOMAS DRIVE UNLESS THE ENGINEERING DEPARTMENT FIRST FINDS IN WRITING THAT THE PROPOSED FILL MATERIAL MEETS THE STANDARDS OF THIS SECTION.
- TOP SIX INCHES OF SOIL USED IN SURFACES FOR LANDSCAPING AND STONE OR GRAVEL FOR STORM DRAINAGE EXFILTRATION SYSTEM IS EXEMPT TO COMPLY WITH NOTE 7 ABOVE.
- IF SURPLUS SAND FILL RESULTS FROM ANY APPROVED EXCAVATION SEAWARD OF THE CONTROL LINE, SUCH MATERIAL SHALL BE DISTRIBUTED SEAWARD OF THE CONTROL LINE ON THE SITE, AS DIRECTED BY THE DEPARTMENT, UNLESS OTHERWISE SPECIFICALLY AUTHORIZED BY THE PERMIT.
- ANY NATIVE SALT-TOLERANT VEGETATION DESTROYED DURING CONSTRUCTION SHALL BE REPLACED WITH PLANTS OF THE SAME SPECIES OR, BY AUTHORIZATION OF THE DEPARTMENT, WITH OTHER NATIVE SALT-TOLERANT VEGETATION SUITABLE FOR BEACH AND DUNE STABILIZATION. UNLESS OTHERWISE SPECIFICALLY AUTHORIZED BY THE DEPARTMENT, ALL PLANTS INSTALLED IN BEACH AND COASTAL AREAS - WHETHER TO REPLACE VEGETATION DISPLACED, DAMAGED, OR DESTROYED DURING CONSTRUCTION OR OTHERWISE - SHALL BE OF SPECIES INDIGENOUS TO FLORIDA BEACHES AND DUNES, SUCH AS SEA OATS, SEA GRAPE, SAW PALMETTO, PANIC GRASS, SALTMEADOW HAY CORDGRASS, SEASHORE SALTGRASS, AND RAILROAD VINE, AND GROWN FROM STOCK INDIGENOUS TO THE REGION IN WHICH THE PROJECT IS LOCATED.
- NO OPERATION, TRANSPORTATION, OR STORAGE OF EQUIPMENT OR MATERIALS IS AUTHORIZED SEAWARD OF THE DUNE CREST OR RIGID COASTAL STRUCTURE DURING THE MARINE TURTLE NESTING SEASON. THE MARINE TURTLE NESTING SEASON IS MAY 1 THROUGH OCTOBER 31.
- NO TEMPORARY LIGHTING OF THE CONSTRUCTION AREA IS AUTHORIZED AT ANY TIME DURING THE MARINE TURTLE NESTING SEASON AND NO ADDITIONAL PERMANENT EXTERIOR LIGHTING IS AUTHORIZED.



VICINITY MAP RECEIVED
JAN 08 2018
DIVISION OF WATER RESOURCE MANAGEMENT

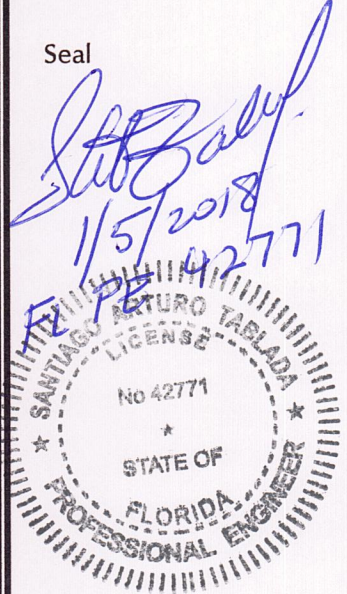
SCOPE OF WORK SITE PLAN

ATKINS
ENGINEERS
2555 Ponce De Leon Blvd.
Suite # 220
Coral Gables, FL 33134
Phone: (305) 444-4200
Fax: (305) 909-8111
EMAIL: mail@ae-fl.com
CA # 6564
AR # AA26001691

Date Revisions
01/05/2018
DEP COMMENTS

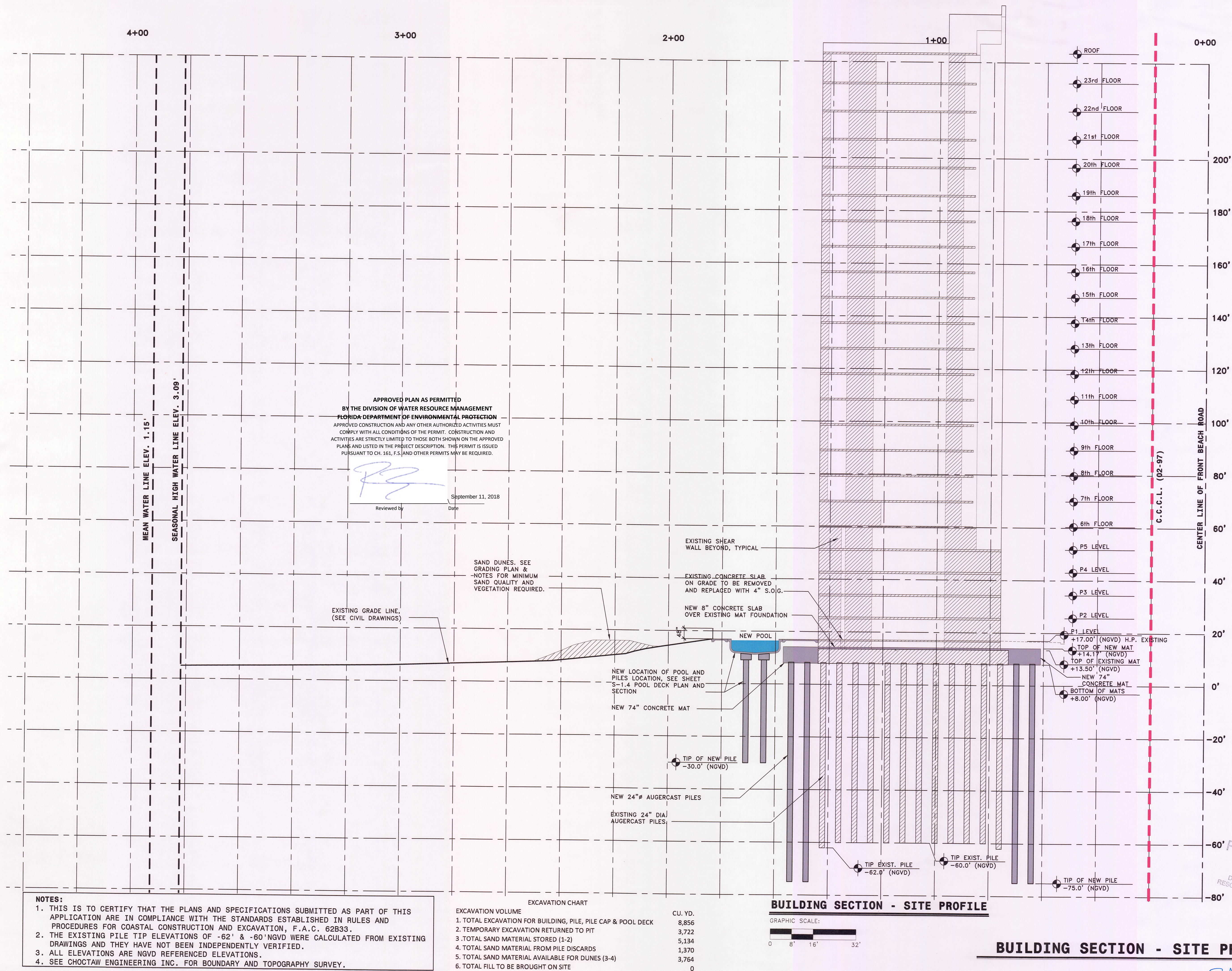
Ocean Reef A Condominium
Remediation
14415 Front Beach Road Panama City Beach, FL 32413

Date Of Issue
04/19/2017
Drawn By
IA
Checked By
SAT
Scale
AS - NOTED
Job Number

Seal

PERMIT SET JANUARY 05, 2018
D.E.P. FILE # BA-986
Sheet Number

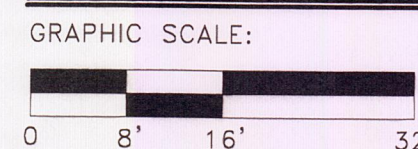
S-0.2

The Contractor Must Check And Verify All Dimensions Of The Job And Be Responsible For Same. Reporting Any Discrepancies To The Engineer Before Commencing work. Drawings Not To Be Scaled.



1. THIS IS TO CERTIFY THAT THE PLANS AND SPECIFICATIONS SUBMITTED AS PART OF THIS APPLICATION ARE IN COMPLIANCE WITH THE STANDARDS ESTABLISHED IN RULES AND PROCEDURES FOR COASTAL CONSTRUCTION AND EXCAVATION, F.A.C. 62B33.
2. THE EXISTING PILE TIP ELEVATIONS OF -62' & -60' NGVD WERE CALCULATED FROM EXISTING DRAWINGS AND THEY HAVE NOT BEEN INDEPENDENTLY VERIFIED.
3. ALL ELEVATIONS ARE NGVD REFERENCED ELEVATIONS.
4. SEE CHOCTAW ENGINEERING INC. FOR BOUNDARY AND TOPOGRAPHY SURVEY.

EXCAVATION CHART		CU. YD.
1. TOTAL EXCAVATION FOR BUILDING, PILE, PILE CAP & POOL DECK		8,856
2. TEMPORARY EXCAVATION RETURNED TO PIT		3,722
3. TOTAL SAND MATERIAL STORED (1-2)		5,134
4. TOTAL SAND MATERIAL FROM PILE DISCARDS		1,370
5. TOTAL SAND MATERIAL AVAILABLE FOR DUNES (3-4)		3,764
6. TOTAL FILL TO BE BROUGHT ON SITE		



BUILDING SECTION - SITE PROFILE

BUILDING SECTION - SITE PROFILE

**ATKINS
ENGINEERS**
2555 Ponce De Leon Blvd.
Suite # 220
Coral Gables, FL 33134
Phone: (305) 444-6260
Fax: (305) 909-8111
EMAIL: mail@a-e-fl.com
CA # 6964
AR # AA26001691

[illegible]

Ocean Reef A Condominium Remediation

Date Of Issue
04/19/2017
Drawn By
IA
Checked By
SAT
Scale
AS - NOTED
Job Number

Sea

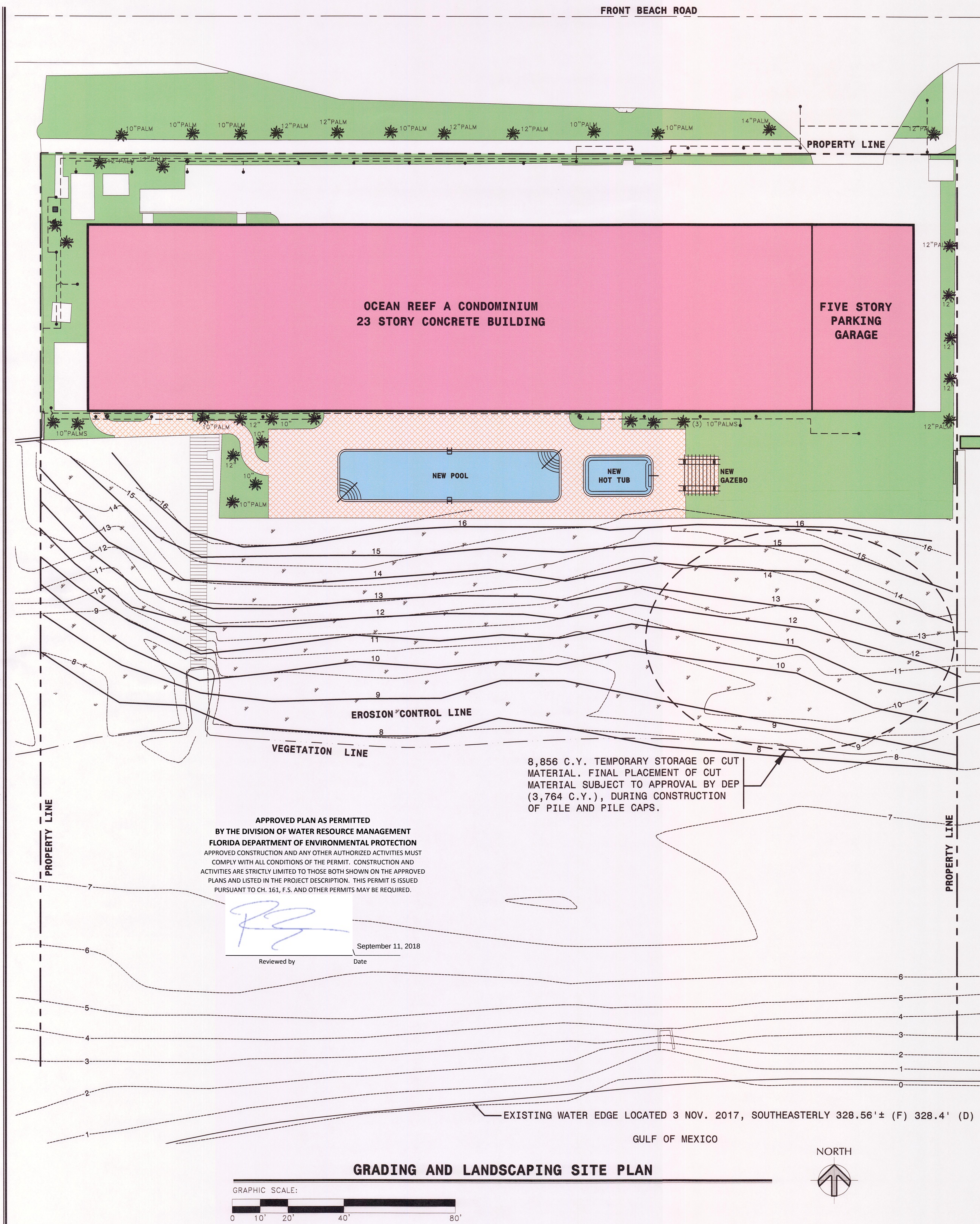
PERMIT SET JANUARY 05, 2018
D.E.P. FILE # BA-986

Sheet Number

S-0.3

BA-986

This Submittal and Drawings are the Copyrighted Property of Atkins Engineers, Inc. and may not be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of Atkins Engineers, Inc. The Contractor shall check and verify all dimensions of the job and be responsible for any discrepancies. The Engineer is not responsible for any discrepancies. Drawings not to be scaled.



LANDSCAPING NOTES

- ALL SHRUBS AND GROUND COVER SHALL BE FULL FOLIAGE TO BASE AND MEET #1 GRADES AND STANDARDS OR BETTER.
- ALL TREES SHALL BE PROVIDED WITH FULL CROWNS AND/OR AS SPECIFIED.
- PLANTS SHALL HAVE A HABIT OF GROWTH, WHICH IS NORMAL FOR THE SPECIES AND SHALL BE SOUND, HEALTHY, VIGOROUS, AND FREE FROM INSECT PESTS, PLANT DISEASES, INJURIES AND AFTER EFFECTS THEREOF.
- AREAS TO BE SODDED SHALL BE RAKED OF STONES AND DEBRIS. DEBRIS AND STONES OF 1" OR GREATER SHALL BE REMOVED FROM SITE. ALL DAMAGED SOD WILL BE REJECTED. ALL SOD MUST BE PLACED WITH STAGGERED, TIGHTLY BUTTED JOINTS, WITH NO INEQUALITIES IN GRADE.
- THE CONTRACTOR SHALL GUARANTEE ALL MATERIALS, LABOR, AND WORKMANSHIP FOR ONE YEAR FROM DATE OF FINAL ACCEPTANCE OF WORK.
- THE LOCATION AND EXISTENCE OF UNDERGROUND UTILITIES SHALL BE INVESTIGATED AND VERIFIED IN THE FIELD BY THE CONTRACTOR BEFORE STARTING WORK. THE CONTRACTOR SHALL BE RESPONSIBLE AND LIABLE FOR ANY DAMAGE TO EXISTING UTILITIES AND STRUCTURES AND SHALL PROPERLY MAINTAIN THE PROTECTION OF SAME.
- AS SHOWN ON THE DRAWINGS, LOCATIONS ARE DIAGRAMMATIC AND THE EXACT LOCATIONS SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT IF NECESSARY. AFTER SPACING HAS BEEN ADJUSTED, IF NECESSARY, AND APPROVED BY THE LANDSCAPE ARCHITECT, PLANT WHERE LOCATED.
- ANY ROCK OVER 3" DIAMETER, CONCRETE, OR OTHER UNDERGROUND OBSTRUCTION OR UNSUITABLE PLANTING SOIL SHALL BE REMOVED TO THE DEPTH NECESSARY TO PERMIT PROPER PLANTING ACCORDING TO THE PLANS. IF UNDERGROUND CONSTRUCTION, UTILITIES, OVERSIZED ROCK, OTHER SERIOUS OBSTRUCTIONS OR UNSUITABLE SOIL CONDITIONS ARE ENCOUNTERED IN PLANTING AREAS; OTHER LOCATIONS FOR THE PLANTING MAY BE SELECTED BY THE LANDSCAPE ARCHITECT.
- UPON COMPLETION OF THE PLANTING, TREES, SHRUBS, AND BED AREAS SHALL BE MULCHED WITH A (4) INCH LAYER OF PINE STRAW THAT IS CLEAN, BRIGHT, AND FREE OF WEEDS, STICKS AND OTHER DEBRIS.
- AS PLANTING OPERATIONS PROCEED, ROPE, WIRE, BURLAP, EMPTY CONTAINERS, ROCKS, CLOD AND OTHER DEBRIS LEFT BY THE CONTRACTOR SHALL BE REMOVED DAILY AND NOT ALLOWED TO ACCUMULATE AND THE SITE SHALL BE KEPT AS TIDY AS POSSIBLE AT ALL TIMES. AFTER DAILY OPERATIONS ARE FINISHED, PAVED AREAS, WHICH HAVE BECOME DIRTY, OR STREWN WITH OTHER MATERIALS, SHALL BE CLEANED BY SWEEPING OR POWER BLOWING.

IRRIGATION NOTES

- CONTRACTOR TO VERIFY ALL QUANTITIES BEFORE PROCEEDING WITH WORK.
- THE IRRIGATION DESIGN IS DIAGRAMMATIC, DRAWN FOR CLARITY. DEPENDING UPON SITE CONDITIONS AND/OR OBSTACLES THE ACTUAL PLACEMENT OF COMPONENTS MAY VARY. EXACT LOCATION OF COMPONENTS TO BE DETERMINED BY THE CONTRACTOR AT TIME OF INSTALLATION.
- WORK CONSISTS OF INSTALLING A COMPLETE AUTOMATIC UNDERGROUND IRRIGATION AS SHOWN ON THE DRAWINGS AS HEREAFTER SPECIFIED: INCLUDING THE FURNISHING OF ALL LABOR, EQUIPMENT, APPLIANCES AND MATERIALS. NO SUBSTITUTIONS WILL BE ALLOWED WITHOUT PRIOR APPROVAL FROM THE LANDSCAPE ARCHITECT.
- IN PERFORMING ALL OPERATIONS IN CONNECTION WITH THE CONSTRUCTION OF THE IRRIGATION SYSTEM THE IRRIGATION CONTRACTOR WILL INSURE THAT A MATCHED PRECIPITATION RATE OF WATER IS APPLIED AND AN EFFICIENT OPERATION OF THE IRRIGATION SYSTEM.
- THE IRRIGATION SYSTEM SHALL BE CONSTRUCTED USING SPRINKLERS, VALVES, CONTROLLERS, RAIN SENSORS, PIPING, FITTINGS, ETC., OF SIZES AND TYPES AS SHOWN ON THE DRAWINGS AND AS CALLED OUT IN THESE SPECIFICATIONS. SPACING OF THE SPRINKLER HEADS IS AS SHOWN ON THE DRAWING; SPACING SHALL NOT EXCEED 60% OF THE DIAMETER OF THE SPRINKLER HEAD.
- THE IRRIGATION CONTRACTOR SHALL CONTINUOUSLY MAINTAIN, A COMPETENT SUPERINTENDENT SATISFACTORY TO THE LANDSCAPE ARCHITECT AND OWNER, ON THE WORK SITE DURING THE INSTALLATION OF THE IRRIGATION SYSTEM IN PROGRESS, WITH THE AUTHORITY TO CALL HIM IN ALL MATTERS PERTAINING TO THE WORK.
- THE IRRIGATION CONTRACTOR'S RESPONSIBILITY SHALL BE TO COORDINATE AND COOPERATE WORK SCHEDULES WITH THE OTHER CONTRACTORS ON THE WORK SITE TO ENABLE WORK TO PROCEED RAPIDLY AND EFFICIENTLY.
- THE IRRIGATION SYSTEM INSTALLATION SHALL MEET INDUSTRY STANDARDS FOR 100% COVERAGE, MATCHED PRECIPITATION RATES, RESPONSIBLE WATER USE ALLOCATION AND MAXIMUM EFFICIENCY FOR PROPER WATER DISTRIBUTION WITHOUT "DRY SPOTS" IN THE COVERAGE.
- IT SHALL BE THE IRRIGATION CONTRACTOR'S RESPONSIBILITY TO REPORT IN WRITING ANY CHANGES IN DESIGN FROM CHANGES IN SITE CONDITIONS. FAILURE TO DO SO PRIOR TO INSTALLING EQUIPMENT SHALL BE DONE AT THE IRRIGATION CONTRACTOR'S EXPENSE.
- THE EXACT LOCATION OF ALL EXISTING UTILITIES, STRUCTURES AND UNDERGROUND UTILITIES NOT SHOWN ON ANY DRAWINGS SHALL BE DETERMINED BY THE IRRIGATION CONTRACTOR, AND SHALL CONDUCT HIS WORK SO AS TO PREVENT INTERRUPTION OF SERVICE OR DAMAGE TO THEM. THEY SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITIES AND SECURING ALL NECESSARY LINE SPOTS.
- THE IRRIGATION CONTRACTOR SHALL PROTECT EXISTING STRUCTURES AND UTILITY SERVICES AND BE RESPONSIBLE FOR THEIR REPLACEMENT IF DAMAGED BY HIM OR TO MAKE NECESSARY ADJUSTMENT IN THEIR LOCATION IF REQUIRED IN ORDER TO COMPLETE THE WORK OF THIS CONTRACT.
- ANY NECESSARY RE-EXCAVATION OF ALTERATION TO THE IRRIGATION SYSTEM NEEDED BECAUSE OF FAILURE OF THE IRRIGATION CONTRACTOR TO PROPERLY INSTALL ANY AND ALL COMPONENTS OF THE IRRIGATION SYSTEM PROPERLY SHALL BE PERFORMED AT IRRIGATION CONTRACTOR'S EXPENSE.
- ADJUSTMENT OF THE SPRINKLERS HEADS, DRIP EMITTERS, REMOTE CONTROL VALVES, CONTROLLER(S), AND PRESSURE RELIEF VALVES WILL BE DONE BY THE IRRIGATION CONTRACTOR UPON COMPLETION OF THE IRRIGATION SYSTEM INSTALLATION TO PROVIDE OPTIMUM PERFORMANCE.
- AFTER COMPLETION, TESTING AND ACCEPTANCE OF THE IRRIGATION SYSTEM, THE IRRIGATION CONTRACTOR SHALL PROVIDE WRITTEN INSTRUCTIONS AND VERBALLY INSTRUCT THE OWNER IN THE OPERATION AND MAINTENANCE OF THE IRRIGATION SYSTEM. ALL WRITTEN INSTRUCTIONS SHALL BE INCLUDED IN A BOUND MAINTENANCE PACKAGE.
- THE CONTRACTOR WILL PROVIDE THE ENGINEER AND OWNER(S) WITH A COMPLETE DETAILED AS BUILT DRAWING OF THE IRRIGATION SYSTEM, SHOWING EXACT LOCATION OF ALL REMOTE CONTROL VALVES, ISOLATION VALVES, MAIN IRRIGATION LINES, WIRE PATHS, AND CONTROLLER LOCATION.
- THE IRRIGATION CONTRACTOR SHALL PROVIDE AN AS-BUILT DRAWING SHOWING THE GEOGRAPHIC LOCATION OF ALL REMOTE CONTROL VALVE ASSIGNMENTS IN RELATION TO CONTROLLER ZONE NUMBER, I.E., ZONE (1) VALVE (1) GUARD HOUSE AND WEST OF FRONT ENTRY.
- ALL TREES AND PALMS SHALL BE BUBBLE IRRIGATED.
- CONTRACTOR TO COORDINATE WITH OWNER FOR LOCATION OF CONTROL CLOCK(S).
- SYSTEM SHALL BE SPLIT ZONE. TURF, BEDS, AND TREE BUBBLERS SHALL BE ZONED SEPARATELY FOR EFFICIENT IRRIGATION CONTROL.

LEGEND

- EXISTING COUNTOURS
- PROPOSED COUNTOURS
- PROPOSED VEGETATION SHALL BE SPACED AT 12" AND A MINIMUM OF THREE TYPES OF SPECIES INDIGENOUS TO FLORIDA BEACHES AND DUNES, SUCH AS: SEA OATS, SEA GRAPE, SAN PALMETTO, PANIC GRASS, SALTMEDOW HAY CORDGRASS, SEASHORE SALTGRASS, AND RAILROAD VINE. PLANTS SHALL BE GROWN FROM STOCK INDIGENOUS TO THE REGION IN WHICH THE PROJECT IS LOCATED.
- EXISTING GRASS AREAS TO BE REPLACED IN KIND.
- METER TO BE REMOVED AND REPLACED
- ELECTRICAL REMOTE CONTROL TO BE REMOVED AND REPLACED
- IRRIGATION LATERAL TO BE REMOVED AND REPLACED
- IRRIGATION LINE TO BE REMOVED AND REPLACED
- PALMS TO BE REMOVED AND REPLACED

EXCAVATION CHART

EXCAVATION VOLUME	CU. YD.
1. TOTAL EXCAVATION FOR BUILDING, PILE, PILE CAP & POOL DECK	8,856
2. TEMPORARY EXCAVATION RETURNED TO PIT	3,722
3. TOTAL SAND MATERIAL STORED (1-2)	5,134
4. TOTAL SAND MATERIAL FROM PILE DISCARDS	1,370
5. TOTAL SAND MATERIAL AVAILABLE FOR DUNES (3-4)	3,764
6. TOTAL FILL TO BE BROUGHT ON SITE	0

ALL SAND FROM PILE DRIVING OPERATIONS SHALL BE DISCARDED OFFSITE WITH D.E.P. APPROVAL

RECEIVED
JAN 08 2018
DIVISION OF WATER
RESOURCE MANAGEMENT

GRADING AND LANDSCAPING SITE PLAN

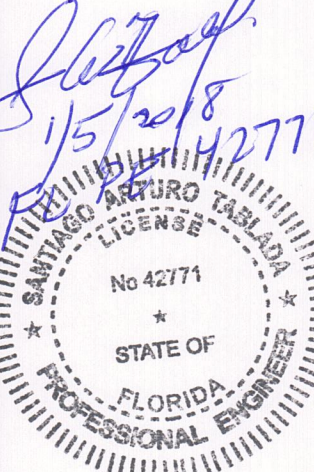
ATKINS
ENGINEERS
2555 Ponce De Leon Blvd.
Suite # 220
Coral Gables, FL 33134
Phone: (305) 444-4260
Fax: (305) 999-8111
EMAIL: mail@ae-fl.com
CA # 6964
AR # AA2601691

Date Revisions
01/05/2018
DEP COMMENTS

Ocean Reef A Condominium
Remediation
14415 Front Beach Road Panama City Beach, FL 32413

Date Of Issue
04/19/2017
Drawn By
IA
Checked By
SAT
Scale
AS - NOTED
Job Number

Seal



Sheet Number

S-0.4

PERMIT SET JANUARY 05, 2018
D.E.P. FILE # BA-986

BA-986

DEMOLITION KEYNOTES

- 1 REMOVE EXISTING CONCRETE SEAWALL AND SAFELY DISCARD MATERIALS OFFSITE.
- 2 REMOVE EXISTING SWIMMING POOL, PIPING, ELECTRICAL CONNECTIONS, AND CUT EXISTING PILES. PROVIDE NEW POOL AS SHOWN IN SITE PLAN SHEET S-02 AND S-1.4. CONTRACTOR TO PROVIDE SIGNED & SEALED DRAWINGS BY A SPECIALTY ENGINEER TO COMPLY WITH ALL APPLICABLE CODES INCLUDING FLORIDA D.E.P. REQUIREMENTS.
- 3 REMOVE EXISTING PAVERS AND SAFELY DISCARD MATERIALS OFFSITE.
- 4 REMOVE EXISTING WHIRLPOOL SPA, PIPING, ELECTRICAL CONNECTIONS, AND CUT EXISTING PILES. PROVIDE NEW WHIRLPOOL SPA AS SHOWN IN SITE PLAN SHEET S-02 AND S-1.4. CONTRACTOR TO PROVIDE SIGNED & SEALED DRAWINGS BY A SPECIALTY ENGINEER TO COMPLY WITH ALL APPLICABLE CODES INCLUDING FLORIDA D.E.P. REQUIREMENTS.
- 5 REMOVE EXISTING GAZEBO STRUCTURE AND INSTALL NEW GAZEBO AS SHOWN IN PROPOSED SITE PLAN SHEET S-0.2 AND S-1.4.
- 6 REMOVE EXISTING SOD AND SOIL TO EXPOSE SIDE OF EXISTING PILE CAP FOR ENTIRE SOUTH ELEVATION OF BUILDING. SEPARATE EXISTING WHITE SAND AND STORE IN DESIGNATED AREA FOR LATER USE AS APPROVED BY FLORIDA D.E.P. PROTECT EXISTING CATCH BASINS, DRAINAGE PIPING, REPLACE PIPING AS REQUIRED.
- 7 REMOVE, PROTECT, STORE AND MAINTAIN ALL EXISTING PLANTS AND LANDSCAPING. REPLACE IN KIND AS REQUIRED.
- 8 REPAIR EXISTING WOOD WALKWAY AS REQUIRED.
- 9 REMOVE AND REPLACE IN KIND EXISTING CONCRETE PAVER WALKWAY.
- 10 REMOVE AND REPLACE EXISTING POOL EQUIPMENT INCLUDING GAS HEATERS, CHEMICAL TREATMENT EQUIPMENT. REMOVE EXISTING SLAB ON GRADE, AND EXPOSE TOP OF EXISTING PILE CAP ALONG THE WEST ELEVATION OF THE BUILDING.
- 11 REMOVE EXISTING PAVING, PROTECT EXISTING UTILITIES, EXPOSED TOP OF EXISTING NORTH FACE OF PILE CAP ALONG THE AREA SHOWN IN DEMOLITION PLAN.
- 12 REMOVE EXISTING STORM WATER DRAINAGE & REPLACE IN KIND AFTER FOUNDATION WORK HAS COMPLETED.
- 13 PROTECT EXISTING STORM DRAINAGE SYSTEM. REPAIR AS REQUIRED IN AREAS WHERE PROTECTION IS NOT AN OPTION. COORDINATE WITH CITY & COUNTY.
- 14 INSTALL TEMPORARY SHEET PILING TO PROTECT EXISTING SITE IMPROVEMENTS. REMOVE SHEET PILING AFTER SCOPE OF WORK IS COMPLETED.
- 15 ARRANGE AND PAY FOR RELOCATION, REPAIR AND MAINTENANCE OF UTILITY SERVICES WITHIN AREA OF DEMOLITION. ENCASE ELECTRIC SERVICE IN CONCRETE TO PROTECT ALL TO LEVEL P5, ELECTRIC SERVICE TO REMAIN HOT.
- 16 TEMPORARY ACCESS AREA FOR CONSTRUCTION TRAFFIC (6,526 S.F.) FROM ADJACENT PROPERTY TO THE EAST KNOWN AS FONTAINEBLEAU. MAINTAIN CONCRETE DRIVE IN USABLE CONDITION, PATCH AND REPAIR ALL DAMAGE DURING PERIOD OF USE. AFTER COMPLETION OF CONSTRUCTION ACTIVITIES, PROVIDE NEW CONCRETE SLAB ON GRADE TO MATCH EXISTING FINISHES INCLUDING PLANTERS AND PARKING STRIPPING. COORDINATE ACCESS AND SCHEDULE WITH FONTAINEBLEAU OWNER.
- 17 INSTALL SECURITY FENCE AT PERIMETER FOR ENTIRE SITE INCLUDING PARKING LOT TO THE NORTH S.R. 98. PROVIDE NIGHT TIME SECURITY GUARD.

DEMOLITION NOTES

A. PROTECTION

DO NOT INTERFERE WITH THE USE OF ADJACENT BUILDINGS. CEASE OPERATIONS AND NOTIFY THE ENGINEER AND OWNER IMMEDIATELY IF SAFETY OF STRUCTURE APPEARS TO BE ENDANGERED. TAKE PRECAUTIONS TO PROPERLY SUPPORT STRUCTURE. DO NOT RESUME OPERATIONS UNTIL SAFETY IS RESTORED.

B. EXISTING SERVICES

ARRANGE AND PAY FOR RELOCATION, REPAIR AND MAINTENANCE OF UTILITY SERVICES WITHIN AREA OF DEMOLITION.

C. PREPARATION

ERECT WEATHER CLOSURES FOR EXTERIOR OPENINGS MAINTAINING DUSTPROOF PARTITIONS AS REQUIRED TO PREVENT SPREAD OF DUST TO OTHER PARTS OF THE BUILDING. UPON COMPLETION, REMOVE PARTITIONS AND REPAIR DAMAGED SURFACES TO MATCH ADJACENT SURFACES. CARRY OUT DEMOLITION WORK TO CAUSE AS LITTLE INCONVENIENCE TO OWNER AND TO ADJACENT OCCUPIED BUILDING AREAS AS POSSIBLE.

D. DEMOLITION

DEMOLISH IN AN ORDERLY AND CAREFUL MANNER AS REQUIRED TO ACCOMMODATE NEW WORK. PROTECT EXISTING STRUCTURAL MEMBERS. REPAIR ALL DEMOLITION PERFORMED IN EXCESS OF WHAT IS REQUIRED AT NO COST TO THE OWNER.

E. EXISTING

ALL FINISHES AFFECTED BY DEMOLITION TO BE REPLACED TO MATCH EXISTING. EXISTING EQUIPMENT TO BE RELOCATED DURING CONSTRUCTION AND RESTORED TO ORIGINAL LOCATION UPON COMPLETION OF WORK.

F. SUPERVISION

THE GENERAL CONTRACTOR OR HIS QUALIFIED REPRESENTATIVE SHALL BE PRESENT WHEN SUBCONTRACTORS ARE ON THE JOB.

G. PROTECTION OF LANDSCAPING

THE CONTRACTOR SHALL PROTECT FROM DAMAGE, WITHOUT LIMITING THE SCOPE THEREOF, EXISTING LANDSCAPING, GROUND COVERS, GRASS, SHRUBS, PLANTS AND TREES. VERIFY WITH THE OWNER FOR EXISTING LANDSCAPE TO REMAIN.

H. WORKMANSHIP

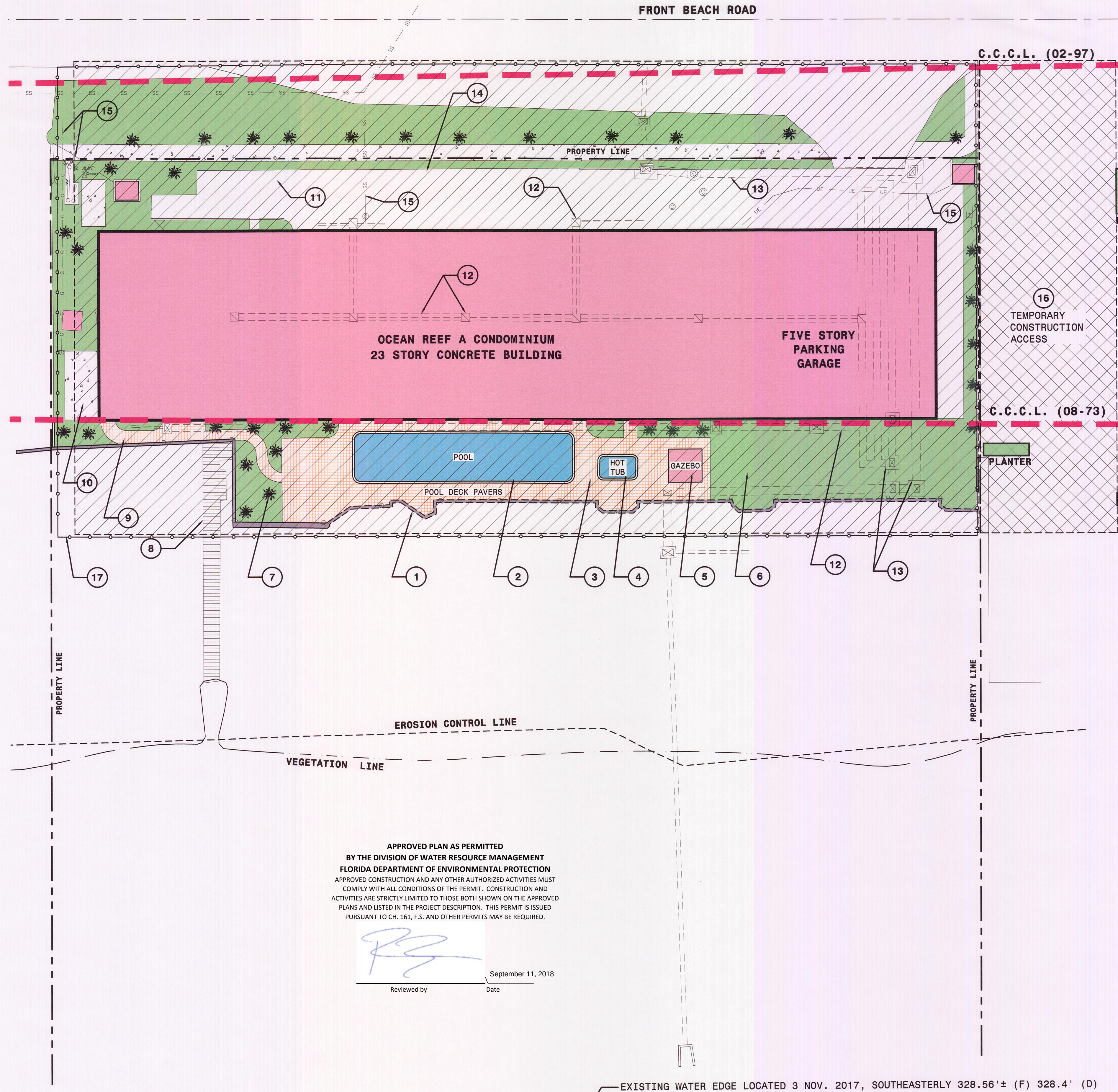
ALL WORK SHALL BE PERFORMED IN A PROFESSIONAL MANNER IN ACCORDANCE WITH THE BEST PRACTICES FOR EACH TRADE AND QUALITY SPECIFIED. WORK NOT CONSISTENT WITH THE TRADE'S HIGHEST LEVEL OF WORKMANSHIP SHALL BE REJECTED. ANY WORK REJECTED SHALL BE DONE AT CONTRACTOR'S EXPENSE. CORRECTION OF DEFECTIVE WORK SHALL BE STARTED NOT LATER THAN 5 DAYS AFTER NOTICE IS GIVEN TO CONTRACTOR AND CONTRACTOR SHALL PROCEED WITHOUT DELAY UNTIL WORK IS COMPLETED.

I. PROTECTION OF PERSONS AND PROPERTY

CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN ACCORDANCE WITH THE WORK. CONTRACTOR TO COMPLY WITH ALL O.S.H.A. AND FLORIDA BUILDING CODE SAFETY REQUIREMENTS. THE CONTRACTOR SHALL TAKE ALL REASONABLE PROTECTION TO PREVENT DAMAGE, INJURY OR LOSS TO ALL EMPLOYEES ON THE WORK SITE AND ALL OTHER PERSONS WHO MAY BE AFFECTED.

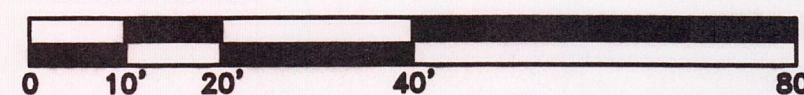
J. DUNE RE-NOURISHMENT PROJECT

COORDINATE ALL EARTHWORK WITH STATE OF FLORIDA D.E.P. AND COMPLY WITH ALL GUIDELINES AND REQUIREMENTS.



DEMOLITION SITE PLAN

GRAPHIC SCALE:



NORTH

DEMOLITION SITE PLAN

ATKINS
ENGINEERS
2555 Ponce De Leon Blvd.
Suite # 200
Coral Gables, FL 33134
Phone: (305) 444-6260
Fax: (305) 909-8111
EMAIL: mulligan@atkins.com
CA # 6964
AR # AA2001091

Date Revisions

ATKINS ENGINEERS, INC.

Ocean Reef A Condominium
Remediation
14415 Front Beach Road Panama City Beach, FL 32413

Date Of Issue
04/19/2017
Drawn By
IA
Checked By
SAT
Scale
AS - NOTED
Job Number

Seal

1/5/2018
15/2018

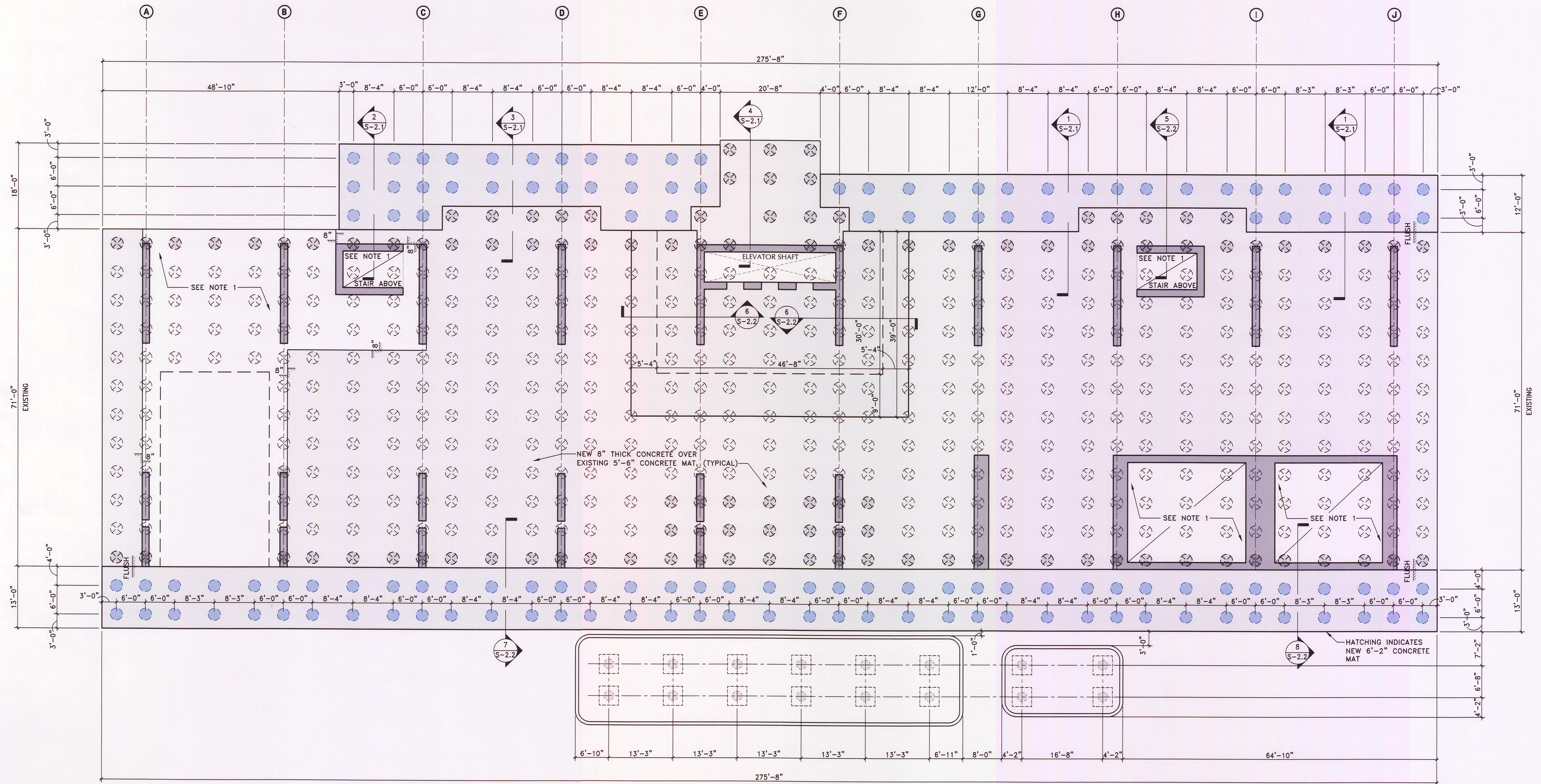
RECEIVED
JAN 08 2018
DIVISION OF WATER
RESOURCE MANAGEMENT

Sheet Number

S-1.0

BA-986

These Designs And Drawings Are The Copyrighted Property Of Atkins Engineers, Inc. and May Not Be Reproduced Except With Specific Written Consent of The Engineer. The Contractor Must Check And Verify All Dimensions Of The Job And Be Responsible For Same. Reporting Any Discrepancies To The Engineer Before Commencing Work. Drawings Not To Be Scaled.



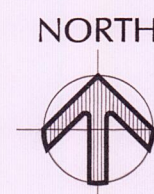
APPROVED PLAN AS PERMITTED
BY THE DIVISION OF WATER RESOURCE MANAGEMENT
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
APPROVED CONSTRUCTION AND ANY OTHER AUTHORIZED ACTIVITIES MUST
COMPLY WITH ALL CONDITIONS OF THE PERMIT. CONSTRUCTION AND
ACTIVITIES ARE STRICTLY LIMITED TO THOSE BOTH SHOWN ON THE APPROVED
PLANS AND LISTED IN THE PROJECT DESCRIPTION. THIS PERMIT IS ISSUED
PURSUANT TO CH. 161, F.S. AND OTHER PERMITS MAY BE REQUIRED.

RS
Reviewed by
September 11, 2018
Date

EXISTING AND NEW PILES LOCATION

SCALE : 3/32" = 1'-0"

LEGEND:	
	NEW 24" DIA. AUGERCAST PILES (MIN. 300K COMP. CAPACITY)
	EXIST. 24" DIA. AUGERCAST PILES (MIN. 210K COMP. CAPACITY)
	EXIST. 24" DIA. AUGERCAST PILES (MIN. 260K COMP. CAPACITY)
	NEW 24" DIA. AUGERCAST PILES (MIN. 100K COMP. CAPACITY)



NOTES:
1. EXISTING SLAB TO REMAIN THIS AREA.
2. SEE FOUNDATION NOTES ON SHEET S-0.

RECEIVED
JAN 08 2018
DIVISION OF WATER
RESOURCE MANAGEMENT

EXISTING AND NEW PILES LOCATION

BA-986

ATKINS
ENGINEERS
2555 Ponce De Leon Blvd.
Suite # 220
Coral Gables, FL 33134
Phone: (305) 444-6260
Fax: (305) 909-8111
EMAIL: mulligan@atkins.com
CA # 6964
AR # AA2001691

Date Revisions

ATKINS ENGINEERS, INC.

Ocean Reef A Condominium
Remediation
14415 Front Beach Road Panama City Beach, FL 32413

Date Of Issue
04/19/2017
Drawn By
IA
Checked By
SAT
Scale
AS - NOTED
Job Number

Seal

Arturo Tablón
1/5/2018
FL RE #4271

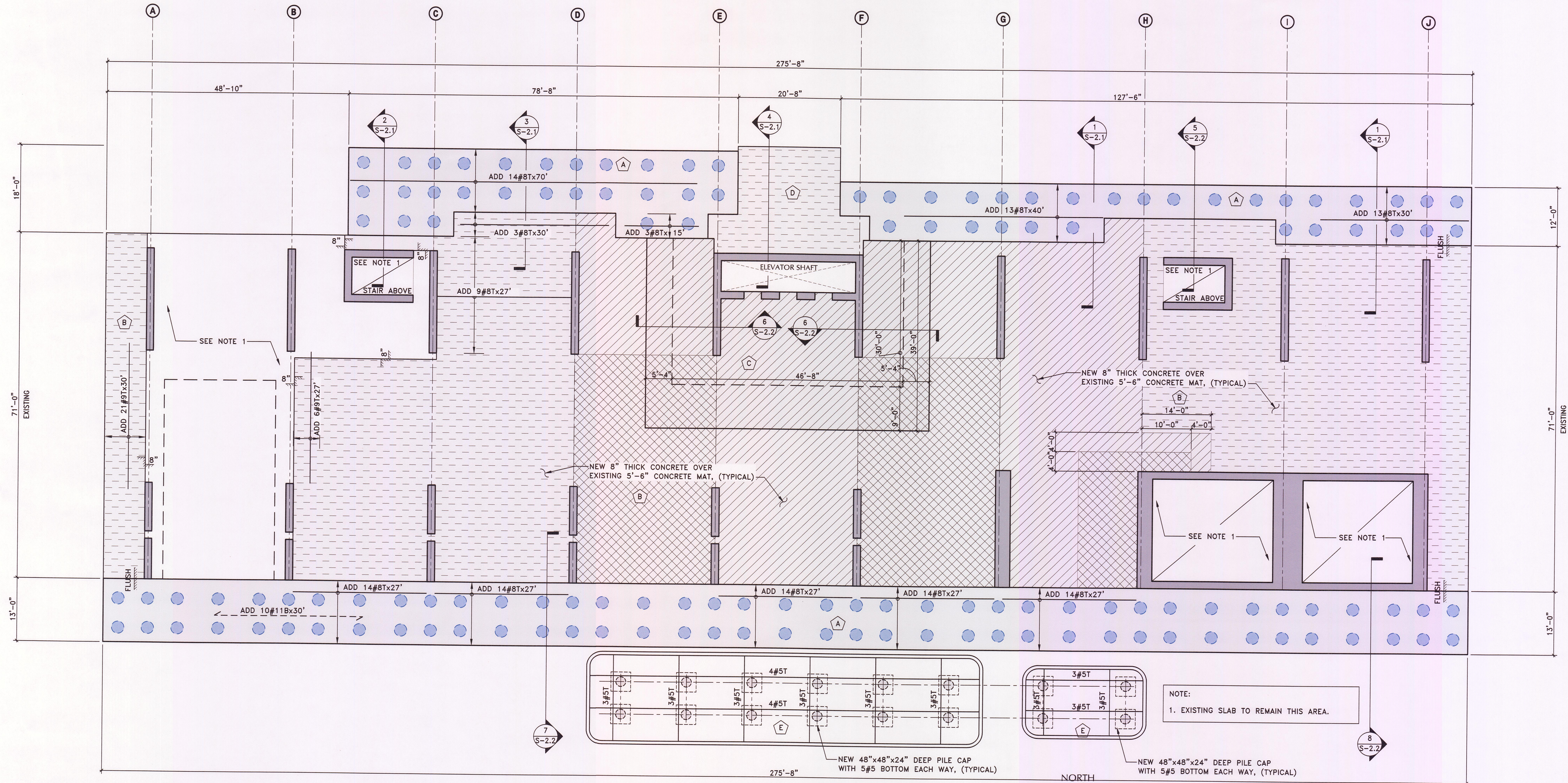
ARTURO TABLÓN
No 4271
DIVISION OF WATER
RESOURCE MANAGEMENT
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Sheet Number

S-1.1

PERMIT SET JANUARY 05, 2018
D.E.P. FILE # BA-986

These designs and drawings are the copyrighted property of Atkins Engineers, Inc. and may not be reproduced except with specific written consent of the engineer. The contractor shall check and verify all dimensions of this job and be responsible for same. Reporting any discrepancies to the engineer before commencing work. Drawings not to be scaled.



PILE CAP REINFORCEMENT

- ALL NEW CONCRETE: MINIMUM COMPRESSIVE STRENGTH, $f'_c = 6,000$ PSI (28 DAYS)
- ALL NEW STEEL REINFORCING: MINIMUM YIELD STRENGTH, $f_y = 75,000$ PSI (#11'S)
- OTHER THAN #11 BARS: MINIMUM YIELD STRENGTH, $f_y = 60,000$ PSI

SCALE: $\frac{3}{32}'' = 1'-0''$

SHEAR FRICTION REINFORCEMENT (S.F.)				
MARK	LEGEND	SHEAR FRICTION REINFORCEMENT	EMBEDMENT (INCHES)	HILTI EPOXY
SF1		#6 @ 24" O.C. SEE SECTION 1/S-2.1	10"	HIT-RE 500
SF2		#7 @ 20" O.C. SEE SECTION 1/S-2.1	14"	HIT-RE 500
SF3		#8 @ 24" O.C. SEE SECTION 1/S-2.1	14"	HIT-RE 500

LEGEND:	
	300 k NEW PILES

APPROVED PLAN AS PERMITTED
BY THE DIVISION OF WATER RESOURCE MANAGEMENT
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
APPROVED CONSTRUCTION AND ANY OTHER AUTHORIZED ACTIVITIES MUST
COMPLY WITH ALL CONDITIONS OF THE PERMIT. CONSTRUCTION AND
ACTIVITIES ARE STRICTLY LIMITED TO THOSE BOTH SHOWN ON THE APPROVED
PLANS AND LISTED IN THE PROJECT DESCRIPTION. THIS PERMIT IS ISSUED
PURSUANT TO CH. 161, F.S. AND OTHER PERMITS MAY BE REQUIRED.

Reviewed by

September 11, 2018
Date

PILE CAP REINFORCEMENT AND THICKNESS			
MARK	THICKNESS	BOTTOM REINFORCEMENT	TOP REINFORCEMENT
A	74 INCHES	#11 @ 12" EAST-WEST #11 @ 10" NORTH-SOUTH	#8 @ 12" EAST-WEST #9 @ 12" NORTH-SOUTH
B	8 INCHES OVER 66" EXISTING CAP	EXISTING REINF. EXISTING REINF.	#8 @ 12" EAST-WEST #9 @ 12" NORTH-SOUTH
C	36 INCHES OVER 66" EXISTING CAP	EXISTING REINF. EXISTING REINF.	#8 @ 12" EAST-WEST #9 @ 12" NORTH-SOUTH
D	38 INCHES OVER 66" EXISTING CAP	EXISTING REINF. EXISTING REINF.	#10 @ 12" EAST-WEST #10 @ 12" NORTH-SOUTH
E	12 INCHES SLAB	#5 @ 12" EACH WAY CONTINUOUS	#5 @ 12" EACH WAY CONTINUOUS

RECEIVED
JAN 03 2018
DIVISION OF WATER
RESOURCE MANAGEMENT

PILE CAP REINFORCEMENT

ATKINS
ENGINEERS
2555 Ponce De Leon Blvd.
Suite # 220
Coral Gables, FL 33134
Phone: (305) 444-0200
Fax: (305) 909-8111
EMAIL: mail@ae-fl.com
CA # 6964
AR # AA26001691

Date Revisions

Ocean Reef A Condominium
Remediation
14415 Front Beach Road Panama City Beach, FL 32413

Date Of Issue
04/19/2017
Drawn By
IA
Checked By
SAT
Scale
AS - NOTED
Job Number

Seal

PERMIT SET JANUARY 05, 2018
D.E.P. FILE # BA-986

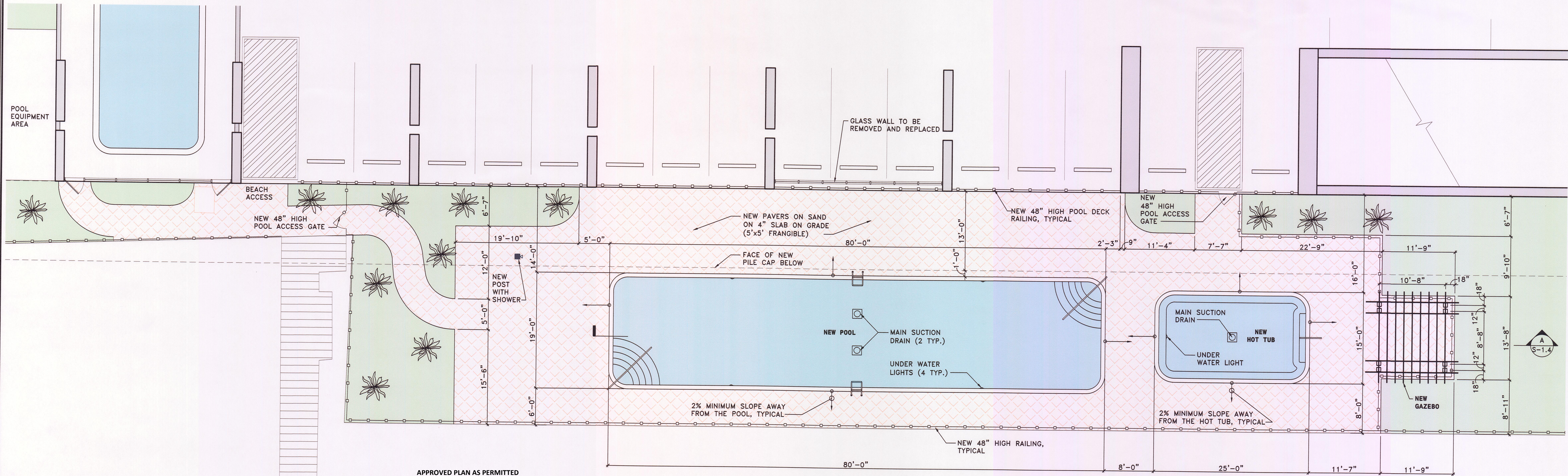
RECEIVED
JAN 03 2018
DIVISION OF WATER
RESOURCE MANAGEMENT

Sheet Number

S-1.2

BA-986

These Designs And Drawings Are The Copyrighted Property Of Atkins Engineers, Inc. and May Not Be Reproduced Except With Specific Written Consent of The Engineer. The Contractor Must Check And Verify All Dimensions Of The Job And Be Responsible For Any Discrepancies To The Engineer Before Commencing Work. Drawings Not To Be Sealed.

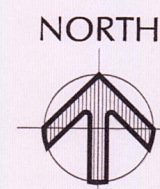


APPROVED PLAN AS PERMITTED
BY THE DIVISION OF WATER RESOURCE MANAGEMENT
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
APPROVED CONSTRUCTION AND ANY OTHER AUTHORIZED ACTIVITIES MUST
COMPLY WITH ALL CONDITIONS OF THE PERMIT. CONSTRUCTION AND
ACTIVITIES ARE STRICTLY LIMITED TO THOSE BOTH SHOWN ON THE APPROVED
PLANS AND LISTED IN THE PROJECT DESCRIPTION. THIS PERMIT IS ISSUED
PURSUANT TO CH. 161, F.S. AND OTHER PERMITS MAY BE REQUIRED.

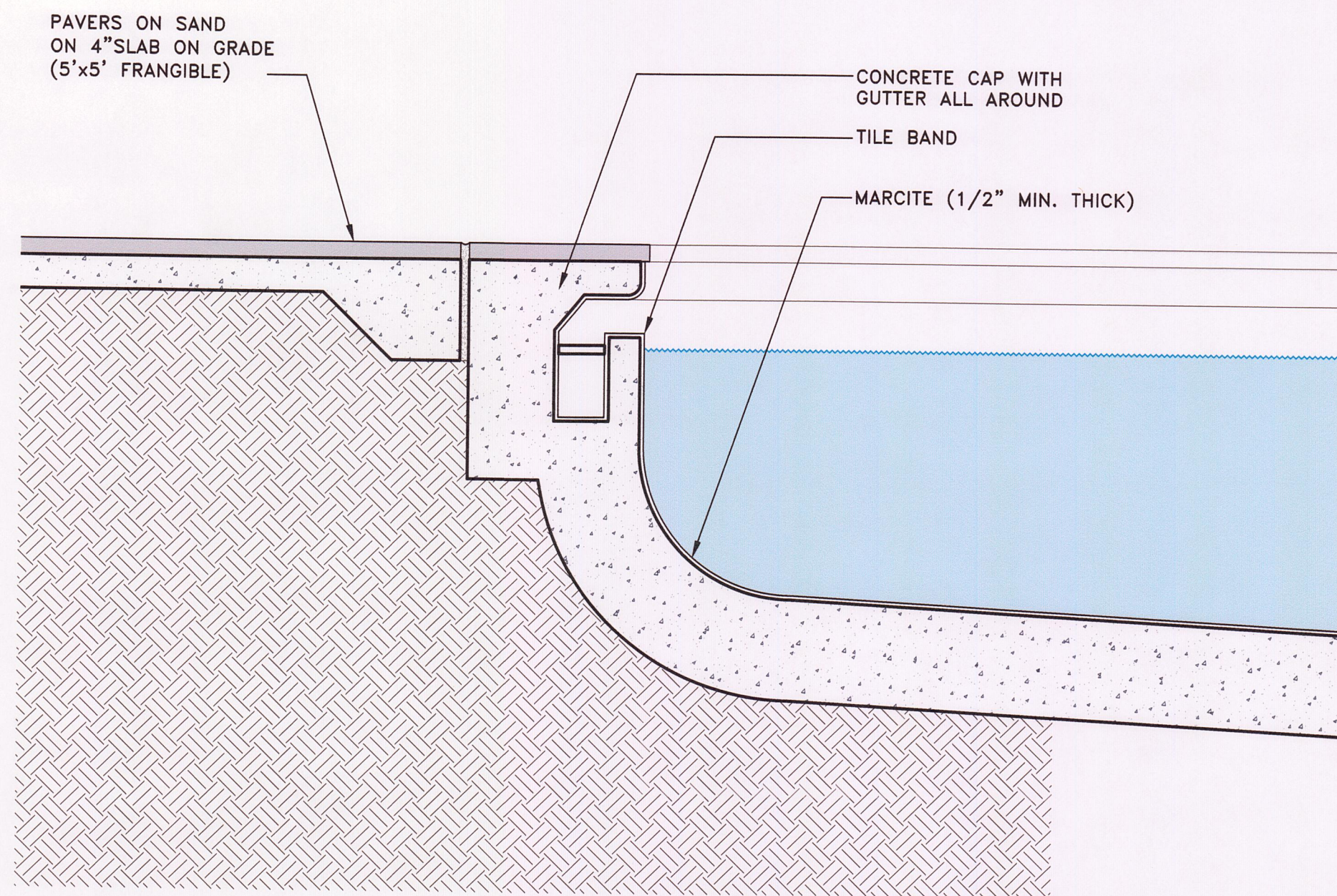
[Signature]
Reviewed by
September 11, 2018
Date

NOTE:
SPECIALTY CONTRACTOR TO PROVIDE ALL DESIGN DOCUMENTS, PERMITTING AND CONSTRUCTION
INCLUDING EQUIPMENT AND REQUIRED ACCESSORIES.
SUBMIT SIGNED AND SEALED DESIGN DRAWINGS FOR REVIEW BY ENGINEER.

SCALE : 1/8" = 1'-0"

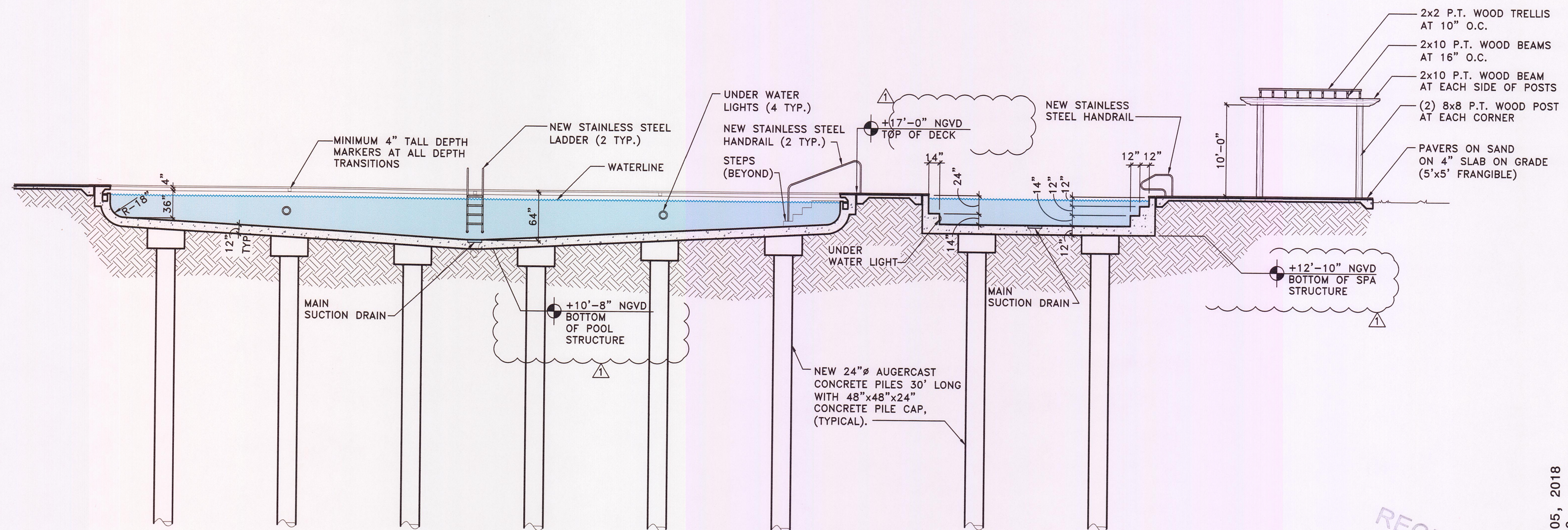


POOL DECK PLAN



TYPICAL POOL SECTION

SCALE : 3/4" = 1'-0"



POOL AND HOT TUB LONGITUDINAL SECTION

SCALE : 1/8" = 1'-0"

POOL DECK PLAN AND SECTION

PERMIT SET JANUARY 05, 2018
D.E.P. FILE # BA-986

RECEIVED
JAN 05 2018
DIVISION OF WATER
RESOURCE MANAGEMENT

ATKINS
ENGINEERS
2555 Ponce De Leon Blvd.
Suite # 220
Coral Gables, FL 33134
Phone: (305) 444-6200
Fax: (305) 904-1111
EMAIL: mail@ae-fl.com
CA # 0064
AR # AA26001691

Date Revisions
01/05/2018
DEP COMMENTS

Ocean Reef A Condominium
Remediation
14415 Front Beach Road Panama City Beach, FL 32413

Date Of Issue
04/19/2017
Drawn By
IA
Checked By
SAT
Scale
AS - NOTED
Job Number

Seal
[Signature]
1/5/2018
FL # 42771
SANTIBO ARTURO TABLADA
No 42771
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Sheet Number

S-1.4

BA-986