Construction Plans

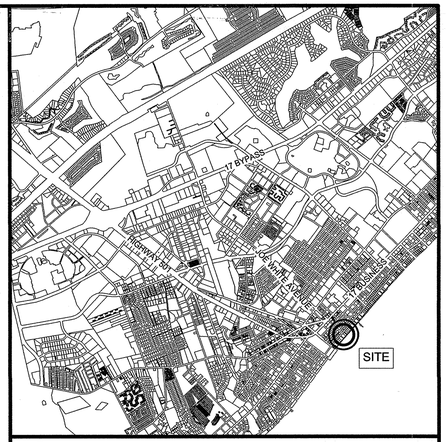
for

Plyler Park Renovation

Myrtle Beach, South Carolina

Prepared for:

City of Myrtle Beach
P.O. Drawer 2468
Myrtle Beach, S.C. 29578



LOCATION MAP

PROJECT GENERAL NOTES

1. ALL DIRECTIONS AND REQUIREMENTS LISTED BELOW SHALL BE CONSIDERED AS DIRECTLY APPLICABLE TO THE CONTRACTOR, AS HIS/HER SOLE RESPONSIBILITY UNDER THE CONTRACT. IN ADDITION, THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE ACTION OR INACTION OF ALL OF HIS/HER SUPPLIERS, VENDORS, SUBCONTRACTORS, ETC., WHO SHALL ALSO COMPLY WITH ALL THE REQUIREMENTS OF THESE DOCUMENTS.

2. CONTRACTOR SHALL THOROUGHLY REVIEW THE SITE PRIOR TO COMMENCING ANY WORK. NOTIFY ENGINEER IN WRITING IMMEDIATELY OF ANY CONDITION THAT IS MATERIALLY DIFFERENT FROM THAT SHOWN ON THE PLANS; DO NOT PROCEED FURTHER UNTIL DIRECTION HAS BEEN GIVEN. ANY NEGATIVE IMPACT TO THE CONTRACTOR, CAUSED DIRECTLY OR INDIRECTLY FROM SITE CONDITIONS DIFFERING FROM THAT SHOWN ON THE PLANS, AND WHICH ARE NOT REPORTED IN WRITING TO THE ENGINEER FOR DIRECTION PRIOR TO COMMENCING ANY WORK, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

3. PRIOR TO COMMENCING ANY WORK, CONTRACTOR SHALL DETERMINE TO HIS/HER OWN SATISFACTION THE LOCATIONS OF ALL UTILITIES, STRUCTURES AND ALL OTHER FEATURES, EXISTING AND PROPOSED. UTILITIES, STRUCTURES AND/OR FEATURES ARE NOT NECESSARILY SHOWN ON THE PLANS. ANY DAMAGE TO UTILITIES, STRUCTURES AND/OR FEATURES (THAT ARE NOT NOTED TO BE REMOVED OR ABANDONED), CAUSED BY THE CONTRACTOR, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

4. CONTRACTOR SHALL PERFORM PRELIMINARY LAYOUT TO DETERMINE LOCATIONS OF WORK AND POSSIBLE CONFLICTS, PRIOR TO BEGINNING INSTALLATION. NOTIFY THE ENGINEER OF ANY CONFLICTS OR OTHER ISSUES THAT MAY REQUIRE ADJUSTMENTS TO THE PLAN. DO NOT PROCEED UNTIL DIRECTION HAS BEEN GIVEN.

5. CONTRACTOR SHALL BE RESPONSIBLE FOR TIMELY SCHEDULING, COORDINATION AND COOPERATION WITH THE OWNER, THE ENGINEER, TESTING AGENT, UTILITY COMPANIES AND ALL OTHER CONTRACTORS/SUBCONTRACTORS THROUGHOUT THE CONSTRUCTION PROCESS.

6. ALL WORK SHALL BE IN ACCORDANCE WITH THE APPLICABLE FEDERAL, STATE AND LOCAL CODES, ORDINANCES, REGULATIONS, SPECIFICATIONS AND PERMITS. CONTRACTOR SHALL BE FAMILIAR WITH AND SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF AUTHORITY(IES) HAVING JURISDICTION. PRIOR TO COMMENCING ANY WORK, NOTIFY ENGINEER IN WRITING OF ANY DISCREPANCIES BETWEEN THE CONTRACT DOCUMENTS AND APPLICABLE CODES, ORDINANCES, REGULATIONS, SPECIFICATIONS AND PERMITS; DO NOT PROCEED UNTIL DIRECTION HAS BEEN GIVEN.

7. THE CONTRACTOR SHALL SUBMIT A CONSTRUCTION STAGING PLAN, AS WELL AS A CONSTRUCTION SCHEDULE, TO THE OWNER AND ENGINEER PRIOR TO CONSTRUCTION.

8. THE CONTRACTOR SHALL NOTIFY ALL AUTHORITIES HAVING JURISDICTION, THE OWNER, THE ENGINEER, AND ALL OTHER CONCERNED PARTIES WHEN CONSTRUCTION IS TO COMMENCE. PRIOR TO CONSTRUCTION, A PRE-CONSTRUCTION MEETING SHALL BE HELD WITH THE OWNER, THE AUTHORITIES HAVING JURISDICTION, THE CONTRACTOR, THE ENGINEER AND ANY OTHER INTERESTED PARTIES.

9. THREE DAYS BEFORE DIGGING IN SOUTH CAROLINA, CALL 811, PALMETTO UTILITY LOCATION SERVICE.

10. ALL WORK SHALL BE PERFORMED WITHOUT TRESPASS ONTO ADJACENT PROPERTIES.

11. DATA REQUIRED FOR THE PREPARATION OF RECORD DRAWINGS SHALL BE OBTAINED AND RECORDED BY THE CONTRACTOR AT THE TIME OF INSTALLATION. THIS DATA SHALL BE ACCUMULATED BY THE CONTRACTOR DURING THE CONSTRUCTION PERIOD. CONTRACTOR SHALL PROVIDE NEAT AND LEGIBLE RECORD DRAWINGS TO THE ENGINEER AND THE OWNER AT THE COMPLETION OF THE PROJECT, PER SPECIFICATIONS SECTION 1720.

12. DETAIL REFERENCE CALL-OUTS ARE TYPICAL, UNLESS NOTED OTHERWISE. NOT ALL LOCATIONS WHERE DETAIL APPLIES ARE CALLED OUT ON DRAWINGS. COMBINATION OF CALL-OUTS, SYMBOLS AND NORMAL DRAWING CONTINUITY SHALL BE USED TO IDENTIFY THE NATURE OF THE WORK.

13. ACCESS TO ABUTTING BUSINESSES: SOME BUSINESSES ABUTTING THE PROJECT WILL REMAIN OPEN DURING PART OR ALL OF THE CONSTRUCTION PERIOD. FOR THOSE ABUTTING BUSINESSES PRESENTLY HAVING EITHER PRIMARY OR SECONDARY ACCESS BY WAY OF THE PROJECT CONSTRUCTION ACTIVITY AREA, AND REMAINING OPEN DURING THE CONSTRUCTION PERIOD, CONTRACTOR SHALL PROVIDE GENERALLY CONTINUOUS ACCESS TO EACH ACCESS POINT OF SUCH BUSINESS. WHEN TEMPORARY DISRUPTIONS IN ACCESS BECOME NECESSARY TO ADVANCE CONSTRUCTION, SUCH DISRUPTIONS SHALL BE MINIMIZED TO THE GREATEST EXTENT POSSIBLE, ESPECIALLY TAKING INTO CONSIDERATION THE BUSINESS'S PRIMARY BUSINESS HOURS. CONTRACTOR SHALL NOTIFY THE CITY AND SHALL CONFIRM WITH EACH BUSINESS OWNER/OPERATOR, A MINIMUM OF ONE WEEK PRIOR TO ACCESS DISRUPTIONS, THE SPECIFIC NATURE AND DURATION OF THE DISRUPTION. ACCESS WAYS SHALL BE MAINTAINED BY THE CONTRACTOR IN A CITY-APPROVED, SAFE, STABLE, SLIP-RESISTANT, FIRM, DRY AND HANDICAPPED ACCESSIBLE FORM. WHERE MORE THAN ONE POINT OF ACCESS BY WAY OF THE PROJECT CONSTRUCTION ACTIVITY AREA EXISTS FOR A GIVEN BUSINESS, AT LEAST ONE ACCESS POINT SHALL BE MAINTAINED ACCESSIBLE AT ALL TIMES. CONTRACTOR SHALL COORDINATE CLOSELY WITH THE CITY AND EACH AFFECTED BUSINESS.

HARDSCAPE GENERAL NOTES

1. CONTRACTOR SHALL PROTECT FROM DAMAGE ALL EXISTING PLANT MATERIAL NOT NOTED TO BE REMOVED. AVOID CUTTING ROOTS, OPERATING EQUIPMENT OR STORING MATERIALS WITHIN THE DRIP LINE, AND/OR DAMAGING TRUNKS OR BRANCHES. ADJUST NEW PLANTINGS AS NECESSARY TO RESPECT EXISTING PLANT MATERIAL. WHERE SIGNIFICANT ADJUSTMENTS NEED TO BE MADE, CONTACT ENGINEER FOR DIRECTION, PRIOR TO CONTINUING WORK.

2. ALL DIMENSIONS SHALL BE ASSUMED TO BE TAKEN PERPENDICULAR TO THE WORK, UNLESS SPECIFICALLY NOTED OR CONVENTION DICTATES OTHERWISE.

3. AT ALL TIMES, PROVISIONS SHALL BE MADE TO PREVENT EROSION AND SILTATION CAUSED BY CONSTRUCTION. DAMAGE ON OR OFF SITE, AS WELL AS REWORK (OF WORK BY THE CONTRACTOR AND/OR BY OTHERS) REQUIRED, CAUSED BY EROSION AND/OR SILTATION, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE COSTS OF DAMAGE REPAIR AND/OR REWORK SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR, AT NO COST TO THE OWNER.

4. AT ALL TIMES, PROVISIONS SHALL BE MADE TO ENSURE POSITIVE DRAINAGE ON AND THROUGH THE SITE. NATURAL DRAINAGE FEATURES DISTURBED BY CONSTRUCTION MUST BE RE-ESTABLISHED AS SOON AS PRACTICAL. NO PONDING DUE TO SPOILS STOCKPILING OR OTHER ACTIVITIES SHALL BE PERMITTED.

5. ALL HORIZONTAL SURFACES SHALL MEET FLUSH, UNLESS SPECIFICALLY NOTED OTHERWISE.

6. WHERE SPOT ELEVATIONS AND/OR CONTOURS ARE GIVEN, PROVIDE CONSTANT SLOPE BETWEEN INDIVIDUAL SPOTS/CONTOURS, UNLESS SPECIFICALLY NOTED OTHERWISE.

7. MINIMUM SLOPE ON CONCRETE SURFACES SHALL BE 0.5%. WHERE CONTOURS AND/OR SPOT ELEVATIONS GIVEN WILL RESULT IN LESS THAT THIS SLOPE, NOTIFY ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH THE WORK.

8. MINIMUM SLOPE ON LAWN OR PLANTED SURFACES SHALL BE 1.0%. WHERE CONTOURS AND/OR SPOT ELEVATIONS GIVEN WILL RESULT IN LESS THAT THIS SLOPE, NOTIFY ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH THE WORK.

9. MAXIMUM SLOPE ON LAWN OR PLANTED SURFACES SHALL BE 3:1. WHERE CONTOURS AND/OR SPOT ELEVATIONS GIVEN WILL RESULT IN MORE THAT THIS SLOPE, NOTIFY ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH THE WORK.

10. DO NOT GRADE SO AS TO TRAP WATER AGAINST ANY STRUCTURE. WHERE CONTOURS AND/OR SPOT ELEVATIONS GIVEN WILL RESULT IN TRAPPING WATER AGAINST A STRUCTURE, NOTIFY ENGINEER BEFORE PROCEEDING WITH THE WORK.

11. RAMPS SHALL BE STABLE, FIRM AND SLIP RESISTANT AND SHALL COMPLY WITH CURRENT AND APPLICABLE SECTIONS OF ICC / ANSI STANDARDS.

12. SLOPE RUN AND CROSS SLOPE OF RAMPS SHALL COMPLY WITH CURRENT AND APPLICABLE SECTIONS OF ICC / ANSI STANDARDS (MAX. 2% CROSS SLOPE).

DEMOLITION NOTES

1. PRIOR TO INITIATION OF ANY DEMOLITION OR CONSTRUCTION ACTIVITY, PHOTO DOCUMENT EXISTING CONDITIONS SUFFICIENT TO VERIFY CONDITIONS PRIOR TO DEMOLITION AND/OR CONSTRUCTION ACTIVITY. THIS DOCUMENTATION WILL BE USED TO ASSESS THE VALIDITY OF DAMAGE CLAIMS OF AFFECTED ADJACENT PROPERTY OWNERS. SUBMIT THIS DOCUMENTATION TO THE ENGINEER TO VERIFY THAT THIS REQUIREMENT HAS BEEN ACCOMPLISHED, PRIOR TO BEGINNING WORK.

2. CONDUCT DEMOLITION AND/OR CONSTRUCTION ACTIVITIES SUCH THAT NO DAMAGE IS DONE TO ADJACENT PROPERTIES/STRUCTURES. IF CONDITIONS EXIST THAT COULD POSSIBLY LEAD TO DAMAGE, NOTIFY ENGINEER FOR DIRECTION, PRIOR TO PROCEEDING WITH WORK.

3. EXISTING SITE FURNITURE AND MISC MINOR ITEMS IN THE WAY OF WORK, INCLUDING BUT NOT LIMITED TO BENCHES, TRASH CANS AND CIGARETTE RECEPTACLES, SHALL BE REMOVED AND TURNED OVER TO THE CITY OF MYRTLE BEACH. COORDINATE WITH THE CITY PRIOR TO AND DURING REMOVAL.

4. COORDINATE WITH THE APPROPRIATE PRIVATE UTILITY COMPANY FOR THE REMOVAL AND/OR CAPPING OF ANY PRIVATE UTILITIES TO BE REMOVED. ALL REMOVAL AND CAPPING SHALL BE DONE PER THE REQUIREMENTS OF THE APPLICABLE UTILITY COMPANY. UNLESS NOTED OTHERWISE, REMOVAL SHALL BE TAKEN TO AND CAPPING SHALL OCCUR AT OR NEAR THE PROPERTY LINE.

5. EXISTING IRRIGATION SYSTEM SHALL BE REMOVED AND CAPPED AT WATER SOURCE.

6. SAW CUT AT THE LIMITS OF ALL CONCRETE REMOVAL. CUTS SHALL BE SMOOTH, CLEAN, AND ALIGNED, AND MADE TO ACCEPT THE FINAL WORK. CARE SHALL BE TAKEN TO PROTECT FROM DAMAGE ADJACENT SURFACES AND EDGES TO REMAIN. SAW CUT AT EXISTING SCORE LINES, EXCEPT WHERE NOTED OTHERWISE.

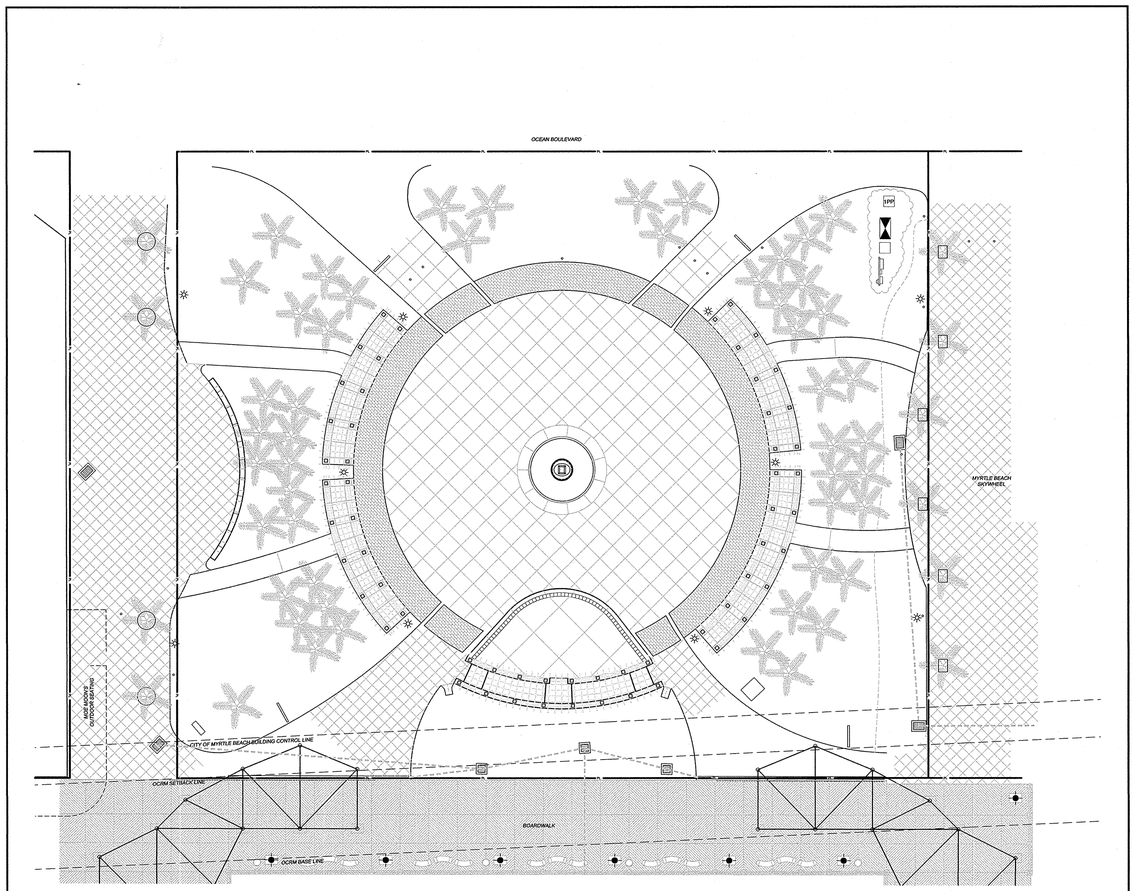
7. UNLESS NOTED OTHERWISE, ALL ITEMS TO BE DEMOLISHED/REMOVED SHALL BE COMPLETELY DEMOLISHED AND REMOVED, INCLUDING ALL BASE MATERIAL, FOUNDATIONS AND FOOTERS. DISCONNECTED UTILITIES MAY BE ABANDONED IN PLACE ONLY IF SPECIFICALLY NOTED ON PLANS.

8. LIMITS OF DEMOLITION SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL PERFORM ALL DEMOLITION OF EXISTING CONDITION NECESSARY TO CONSTRUCT THE PROJECT AS DEFINED ON THE DRAWINGS.

9. ALL MATERIAL DEMOLISHED SHALL BE CONSIDERED PROPERTY OF THE CONTRACTOR, UNLESS SPECIFICALLY NOTED OTHERWISE.

10. ALL REMOVED/DEMOLISHED MATERIALS SHALL BE HAULED OFF SITE AND DISPOSED OF PROPERLY. COST OF DISPOSAL SHALL BE BORNE BY THE CONTRACTOR.

11. REMOVAL OF EXISTING PLANT MATERIAL: CONTRACTOR SHALL REMOVE ALL PLANT MATERIAL EXISTING THROUGHOUT LIMITS OF THE PROJECT, REGARDLESS OF WHETHER SHOWN OR NOTED ON THE DRAWINGS, EXCEPT WHERE PLANT MATERIAL IS SPECIFICALLY NOTED TO REMAIN. COORDINATE WITH CITY OF MYRTLE BEACH PRIOR TO AND DURING REMOVAL.



OVERALL PLAN

SHEET TITLE	SHEET NO	ORIGINAL DATE	REVISION DATE
COVER SHEET	C0	11/22/2017	12/6/2017
EXISTING CONDITIONS / DEMOLITION PLAN	C1	11/22/2017	12/6/2017
SEDIMENT & EROSION CONTROL PLAN	C2	11/22/2017	12/6/2017
SEDIMENT & EROSION CONTROL DETAILS	C3	11/22/2017	12/6/2017
COMPONENT IDENTIFICATION & LAYOUT PLAN	C4	11/22/2017	12/6/2017
GRADING, DRAINAGE & CONDUIT PLAN	C5	11/22/2017	12/6/2017
ENLARGEMENTS PLAN	C6	11/22/2017	12/6/2017
SITE DETAILS	C7	11/22/2017	12/6/2017
SITE DETAILS	C8	11/22/2017	12/6/2017
STRUCTURAL PLAN	S1.0	11/22/2017	12/6/2017
STRUCTURAL SECTIONS AND DETAILS	S2.0	11/22/2017	12/6/2017
ELECTRICAL PLAN	E1.0	11/22/2017	12/6/2017
IRRIGATION PLAN	IRR1	11/22/2017	12/6/2017
IRRIGATION NOTES	IRR2	11/22/2017	12/6/2017

REVISION OCCURRENCE LIST			
1	12/6/2017	REVISED PER DRAWING CLARIFICATIONS	JLB
REVISION NO.	DATE	REVISION DESCRIPTION	BY

THIS SET IS CURRENT THROUGH SHEET DATED - DECEMBER 6, 2017

3 DAYS BEFORE DIGGING IN
SOUTH CAROLINA
CALL 811
www.sc811.org
PALMETTO UTILITY LOCATION SERVICE

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER
12/7/17
JAMES M. WOOTEN

SOUTH CAROLINA
DDC ENGINEERS, INC.
No. C00036
CERTIFICATE OF AUTHORIZATION

DDC

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Consulting Engineers, Surveyors, Planners, Landscape Architects & Environmentalists
1298 Professional Dr., Myrtle Beach, SC 29577
Phone: (843) 692-3200 Fax: (843) 692-3210

DDC P/N: 16113L

PROJECT NAME: PLYLER PARK RENOVATION

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OCEAN BOULEVARD

PL

REMOVE ALL PLANT MATERIAL, EXCEPT PALMETTOS & SAGO PALMS. COORDINATE WITH CITY OF MYRTLE BEACH PRIOR TO & DURING REMOVAL.

SAW CUT & REMOVE EXISTING CONCRETE PANELS TO LIMITS SHOWN.

REMOVE ALL PLANT MATERIAL, EXCEPT PALMETTOS & SAGO PALMS. COORDINATE WITH CITY OF MYRTLE BEACH PRIOR TO & DURING REMOVAL. PRESERVE & PROTECT EXISTING WALL.

PRESERVE & PROTECT EXISTING CIGARETTE RECEPTACLES NOT IN THE WAY OF WORK, TYP.

SAW CUT & REMOVE EXISTING CONCRETE TO LIMITS SHOWN.

PRESERVE & PROTECT EXISTING OLEANDER BEHIND & HAWTHORN SHRUBS IN FRONT OF UTILITIES

1PP

EXISTING UTILITIES (SEE ELECTRICAL PLAN)

SAW CUT & REMOVE EXISTING CONCRETE PANELS TO LIMITS SHOWN.

REMOVE ALL PLANT MATERIAL, EXCEPT PALMETTOS & SAGO PALMS. COORDINATE WITH CITY OF MYRTLE BEACH PRIOR TO & DURING REMOVAL.

PRESERVE & PROTECT EXISTING SANTEE COOPER LIGHT, TYP.

PRESERVE & PROTECT EXISTING PALMETTO, IRRIGATION & TREE GRATE, EXCEPT AS NOTED OTHERWISE, TYP.

SAW CUT & REMOVE EXISTING CONCRETE TO LIMITS SHOWN.

±12.0'

REMOVE ALL SOD & ORGANIC MATERIAL

±12.0'

EXISTING SOD TO REMAIN

±23.5'

PRESERVE & PROTECT EXISTING PALMETTO, IRRIGATION & TREE GRATE, EXCEPT AS NOTED OTHERWISE, TYP.

REMOVE EXISTING PALMETTO & TREE GRATE. SAW CUT & REMOVE EXISTING CONCRETE PANELS TO LIMITS SHOWN.

REMOVE ALL SOD & ORGANIC MATERIAL TO LIMITS SHOWN.

REMOVE ALL SOD & ORGANIC MATERIAL TO LIMITS SHOWN.

REMOVE ALL PLANT MATERIAL, EXCEPT PALMETTOS & SAGO PALMS. COORDINATE WITH CITY OF MYRTLE BEACH PRIOR TO & DURING REMOVAL.

LIMIT LINE

REMOVE ALL PAVERS

REMOVE ALL PLANT MATERIAL, EXCEPT PALMETTOS & SAGO PALMS. COORDINATE WITH CITY OF MYRTLE BEACH PRIOR TO & DURING REMOVAL.

REMOVE CIGARETTE RECEPTACLES IN THE WAY OF WORK & TURN OVER TO CITY OF MYRTLE BEACH. COORDINATE WITH CITY PRIOR TO & DURING REMOVAL, TYP.

PRESERVE & PROTECT EXISTING SANTEE COOPER LIGHT, TYP.

REMOVE SITE FURNITURE IN THE WAY OF WORK & TURN OVER TO CITY OF MYRTLE BEACH. COORDINATE WITH CITY PRIOR TO & DURING REMOVAL, TYP.

±12.0'

EXISTING PANEL BOX (SEE ELECTRICAL PLAN)

EXISTING PANEL BOX (SEE ELECTRICAL PLAN)

MYRTLE BEACH SKYWHEEL

REMOVE EXISTING PALMETTO & TREE GRATE. SAW CUT & REMOVE EXISTING CONCRETE PANELS TO LIMITS SHOWN.

REMOVE ALL PLANT MATERIAL & ORGANIC MATERIAL TO LIMITS SHOWN. COORDINATE WITH CITY OF MYRTLE BEACH PRIOR TO & DURING REMOVAL.

EXISTING SOD TO REMAIN

SAW CUT & REMOVE EXISTING CONCRETE TO LIMITS SHOWN.

NOTE: REMOVE SITE FURNITURE IN THE WAY OF WORK & TURN OVER TO CITY OF MYRTLE BEACH. COORDINATE WITH CITY PRIOR TO & DURING REMOVAL, TYP.

±22.75'

±27.5'

SAW CUT & REMOVE EXISTING CONCRETE PANEL TO LIMITS SHOWN.

SAW CUT & REMOVE EXISTING CONCRETE TO LIMITS SHOWN.

±12.0'

REMOVE CIGARETTE RECEPTACLES IN THE WAY OF WORK & TURN OVER TO CITY OF MYRTLE BEACH. COORDINATE WITH CITY PRIOR TO & DURING REMOVAL, TYP.

±12.0'

REMOVE ALL PLANT MATERIAL, EXCEPT PALMETTOS & SAGO PALMS. COORDINATE WITH CITY OF MYRTLE BEACH PRIOR TO & DURING REMOVAL.

EXISTING JUNCTION BOX (SEE ELECTRICAL PLAN)

REMOVE ALL PLANT MATERIAL, EXCEPT PALMETTOS & SAGO PALMS. COORDINATE WITH CITY OF MYRTLE BEACH PRIOR TO & DURING REMOVAL.

MOE MOON'S OUTDOOR SEATING

REMOVE ALL SOD & ORGANIC MATERIAL TO LIMITS SHOWN

REMOVE IRRIGATION SYSTEM & CAP AT WATER SOURCE. TURN OVER IRRIGATION CLOCK & CONTROLLER TO CITY OF MYRTLE BEACH. COORDINATE WITH CITY PRIOR TO & DURING REMOVAL.

PRESERVE & PROTECT EXISTING MONUMENT & UTILITIES

PRESERVE & PROTECT EXISTING BIKE RACK, TYP.

PRESERVE & PROTECT EXISTING MONUMENT

EXISTING SOD TO REMAIN

RELOCATE EXISTING ELECTRICAL SERVICES (SEE ELECTRICAL PLAN)

LIMIT LINE

REMOVE (4) EXISTING BOLLARDS. BOLLARD SLEEVES TO REMAIN.

CITY OF MYRTLE BEACH BUILDING CONTROL LINE

PRESERVE & PROTECT EXISTING CATCH BASIN, TYP.

EXISTING SOD TO REMAIN

PRESERVE & PROTECT EXISTING TRENCH DRAIN

EXISTING SOD TO REMAIN

PRESERVE & PROTECT EXISTING TRENCH DRAIN

OCRM SETBACK LINE

PRESERVE & PROTECT EXISTING BOARDWALK.

BOARDWALK

OCRM BASE LINE

SCALE
0' 5' 10'

NOTES:

1. CONTRACTOR SHALL TAKE EXTREME CARE TO PRESERVE & PROTECT EXISTING CONCRETE PAVING / PAVERS, STRUCTURES AND PLANT MATERIAL TO REMAIN THROUGHOUT DURATION OF PROJECT.

2. CONTRACTOR SHALL DISPOSE OF ALL REMOVED MATERIAL OFF-SITE, EXCEPT WHERE NOTED TO BE TURNED OVER TO THE CITY OF MYRTLE BEACH.

3. NOT ALL UTILITIES ARE SHOWN ON DRAWINGS.

4. REFER TO COVER SHEET FOR ADDITIONAL PROJECT NOTES & REQUIREMENTS.

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Consulting Engineers, Surveyors, Planners, Landscape Architects & Environmentalists
1298 Professional Dr., Myrtle Beach, SC 29577
Phone: (843) 692-3200 Fax: (843) 692-3210

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
DDC ENGINEERS, INC. No. C00036

SOUTH CAROLINA Professional Engineer JAMES L. BOOTEN 10/71

NO.	DATE	REVISION DESCRIPTION	BY
1	12/8/2017	REVISED PER DRAWING CLARIFICATIONS	JLB

EXISTING CONDITIONS / DEMOLITION PLAN

PLYLER PARK

CITY OF MYRTLE BEACH, SOUTH CAROLINA

PREPARED FOR: CITY OF MYRTLE BEACH

SCALE:	1" = 10'
DATE:	NOVEMBER 22, 2017
DESIGNED BY:	
DRAWN BY:	
APROV. BY:	
PROJECT NO.:	16113L

C1

FILE NO.:

PLOT SCALE: 1:1
PCP: PILE: New DDC.ctb

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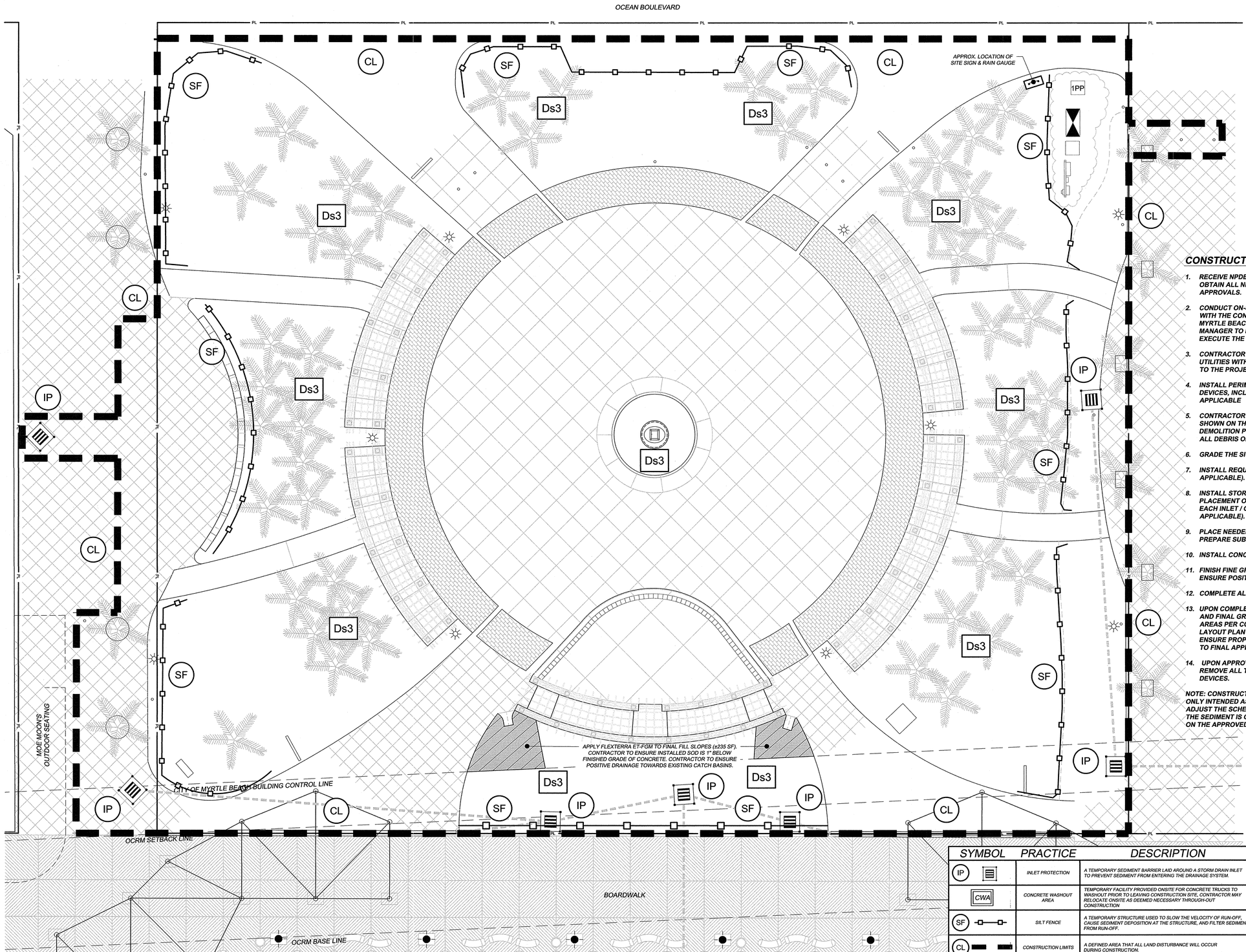

CONSTRUCTION SEQUENCE:

1. RECEIVE NPDES COVERAGE FROM DHEC AND OBTAIN ALL NECESSARY PERMITS AND APPROVALS.
2. CONDUCT ON-SITE PRE-CONSTRUCTION MEETING WITH THE CONTRACTOR, OWNER, CITY OF MYRTLE BEACH, ENGINEER AND CONSTRUCTION MANAGER TO REVIEW THE PROJECT AND EXECUTE THE SWPPP.
3. CONTRACTOR TO LOCATE ALL EXISTING UTILITIES WITHIN AND IMMEDIATELY ADJACENT TO THE PROJECT AREA.
4. INSTALL PERIMETER EROSION CONTROL DEVICES, INCLUDING ALL TREE PROTECTION, IF APPLICABLE
5. CONTRACTOR TO PERFORM ALL DEMOLITION AS SHOWN ON THE EXISTING CONDITIONS / DEMOLITION PLAN AND LEGALLY DISPOSE OF ALL DEBRIS OFF SITE.
6. GRADE THE SITE (WHERE APPLICABLE).
7. INSTALL REQUIRED UTILITIES (WHERE APPLICABLE).
8. INSTALL STORM DRAINAGE SYSTEM WITH PLACEMENT OF INLET / OUTLET PROTECTION AS EACH INLET / OUTLET IS INSTALLED (WHERE APPLICABLE).
9. PLACE NEEDED FILL ON SITE, GRADE AND PREPARE SUBGRADE FOR CONCRETE AREA.
10. INSTALL CONCRETE FLATWORK / SIDEWALK.
11. FINISH FINE GRADING THE COMMON AREAS TO ENSURE POSITIVE DRAINAGE AS NEEDED.
12. COMPLETE ALL REMAINING SITE IMPROVEMENTS.
13. UPON COMPLETING ALL SITE IMPROVEMENTS AND FINAL GRADING, STABILIZE ALL DENUDED AREAS PER COMPONENT IDENTIFICATION & LAYOUT PLAN AND MAINTAIN ALL AREAS TO ENSURE PROPER GROUND STABILIZATION PRIOR TO FINAL APPROVAL.
14. UPON APPROVAL BY CITY OF MYRTLE BEACH, REMOVE ALL TEMPORARY EROSION CONTROL DEVICES.

NOTE: CONSTRUCTION SEQUENCE LISTED ABOVE IS ONLY INTENDED AS A GUIDELINE. CONTRACTOR MAY ADJUST THE SCHEDULE AS NECESSARY SO LONG AS THE SEDIMENT IS CONTAINED ONSITE AS DEPICTED ON THE APPROVED PLANS.

SYMBOL	PRACTICE	DESCRIPTION
IP	INLET PROTECTION	A TEMPORARY SEDIMENT BARRIER LAID AROUND A STORM DRAIN INLET TO PREVENT SEDIMENT FROM ENTERING THE DRAINAGE SYSTEM.
CWA	CONCRETE WASHOUT AREA	TEMPORARY FACILITY PROVIDED ONSITE FOR CONCRETE TRUCKS TO WASHOUT PRIOR TO LEAVING CONSTRUCTION SITE, CONTRACTOR MAY RELOCATE ONSITE AS DEEMED NECESSARY THROUGH-OUT CONSTRUCTION
SF	SILT FENCE	A TEMPORARY STRUCTURE USED TO SLOW THE VELOCITY OF RUN-OFF, CAUSE SEDIMENT DEPOSITION AT THE STRUCTURE, AND FILTER SEDIMENT FROM RUN-OFF.
CL	CONSTRUCTION LIMITS	A DEFINED AREA THAT ALL LAND DISTURBANCE WILL OCCUR DURING CONSTRUCTION.
Ds3	DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION)	ESTABLISHING PERMANENT VEGETATIVE COVER SUCH AS TREES, SHRUBS, VINES, GRASSES, SOD, OR LEGUMES ON DISTURBED AREAS. SEE COMPONENT IDENTIFICATION & LAYOUT PLAN.

SCALE
0' 5' 10'

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SOUTH CAROLINA — DDC ENGINEERS, INC. No. C00036 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — 21615 — REGISTERED PROFESSIONAL ENGINEER — JAMES M. WOOTEN — 12/7/17

NO.	DATE	REVISION DESCRIPTION	BY
1	12/6/2017	REVISED PER DRAWING CLARIFICATIONS	JLB

SEDIMENT & EROSION CONTROL PLAN

PLYLER PARK
CITY OF MYRTLE BEACH, SOUTH CAROLINA
PREPARED FOR: CITY OF MYRTLE BEACH

SCALE:	1" = 10'
DATE:	NOVEMBER 22, 2017
DESIGNED BY:	
DRAWN BY:	
APROV. BY:	
PROJECT NO.:	16113L

C2

FILE NO.:

PLOT SCALE: 1:1
PCP FILE: Name PDC.ctb

L:\16\16113L-Plyler Park\E\16113-ERO.dwg, EROSION, 12/7/2017 2:45:51 PM, 24x36, 1:1

EROSION CONTROL NOTES:

1. TOTAL DEVELOPMENT AREA : ±0.86 ACRES
2. DISTURBED AREA THIS PHASE: ±0.74 ACRES
3. IF NECESSARY, SLOPES, WHICH EXCEED EIGHT (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO HYDROSEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED UNTIL THE SLOPE IS BROUGHT TO GRADE.
4. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) DAYS AFTER WORK HAS CEASED, EXCEPT AS STATED BELOW:

- WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.
- WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.

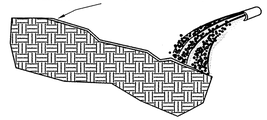
5. ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED EVERY CALENDAR WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BMP HAS BEEN INAPPROPRIATELY OR INCORRECTLY INSTALLED, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 HOURS OF IDENTIFICATION.
6. PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION. FILL, COVER AND TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOMMENDED. IF WATER IS ENCOUNTERED WHILE TRENCHING, THE WATER SHOULD BE FILTERED TO REMOVE ANY SEDIMENTS BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE.
7. ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFF SITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
8. THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO PAVED ROADWAYS FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.
9. RESIDENTIAL SUBDIVISIONS REQUIRE EROSION CONTROL FEATURES FOR INFRASTRUCTURE AS WELL AS FOR INDIVIDUAL LOT CONSTRUCTION. INDIVIDUAL PROPERTY OWNERS SHALL FOLLOW THESE PLANS DURING CONSTRUCTION OR OBTAIN APPROVAL OF AN INDIVIDUAL PLAN IN ACCORDANCE WITH S.C. REG. 72-300 ET SEQ. AND SCR 100000.
10. TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT-LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.
11. ALL WATERS OF THE STATE (WoS), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT FENCE IS TO BE INSTALLED IN ALL AREAS WHERE A 50 FOOT BUFFER CANNOT BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WoS. A 10 FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WoS.
12. LITTER, CONSTRUCTION DEBRIS, OILS, FUELS AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORM WATER DISCHARGES.
13. A COPY OF THE SWPPP, INSPECTION RECORDS, AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OR A NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE THAT FINAL STABILIZATION IS REACHED.
14. INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF 7 CALENDAR DAYS.
15. MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.
16. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE.
17. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OF TRENCHES AND EXCAVATED AREAS. THESE DISCHARGES ARE TO BE ROUTED THROUGH APPROPRIATE BMPs (SEDIMENT BASIN, FILTER BAG, ETC.). THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED:

- WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL;
- WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS;
- FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE;
- SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.

18. AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE.
19. IF EXISTING BMPs NEED TO BE MODIFIED OR IF ADDITIONAL BMPs ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THIS PERMIT AND / OR SC'S WATER QUALITY STANDARDS, IMPLEMENTATION MUST BE COMPLETED BEFORE THE NEXT STORM EVENT WHENEVER PRACTICABLE. IF IMPLEMENTATION BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE, THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMPs MUST BE IMPLEMENTED AS SOON AS REASONABLY POSSIBLE.
20. A PRE-CONSTRUCTION CONFERENCE MUST BE HELD FOR EACH CONSTRUCTION SITE WITH AN APPROVED ON-SITE SWPPP PRIOR TO THE IMPLEMENTATION OF CONSTRUCTION ACTIVITIES. FOR NON-LINEAR PROJECTS THAT DISTURB 10 ACRES OR MORE THIS CONFERENCE MUST BE HELD ON-SITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.
21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL SILT BARRIERS AND SEDIMENT CONTROL INSTALLATIONS DURING CONSTRUCTION UNTIL THE COMPLETION OF THE SITE DEVELOPMENT.
22. EROSION CONTROL DEVICES MUST BE INSTALLED IMMEDIATELY AFTER LAND DISTURBANCE OCCURS. THE LOCATION OF SOME OF THE CONTROL DEVICES MAY BE ALTERED FROM THAT SHOWN ON THE APPROVED PLANS, IF DRAINAGE PATTERNS DURING CONSTRUCTION VARY FROM THE FINAL DRAINAGE PATTERNS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PROVIDE SOIL EROSION CONTROL FOR ALL DRAINAGE PATTERNS DURING ALL STAGES OF CONSTRUCTION. ALL INADEQUACIES IN SOIL EROSION CONTROL DURING ANY PHASE OF CONSTRUCTION MUST BE REPORTED IMMEDIATELY TO THE ENGINEER.
23. THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED. THE CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE PROPER FUNCTIONING OF ALL DEVICES.
24. FAILURE TO INSTALL, OPERATE AND MAINTAIN ALL EROSION CONTROL MEASURES, AS SHOWN ON THE APPROVED PLANS OR AS DIRECTED BY THE ENGINEER AND/OR OCRM WILL RESULT IN ALL WORK ON THE CONSTRUCTION SITE BEING STOPPED UNTIL PROPER CORRECTIVE MEASURES HAVE BEEN MET, AS REQUIRED AND/OR DIRECTED.
25. ALL LAND DISTURBING ACTIVITIES REQUIRES COMPLIANCE UNDER THE NPDES GENERAL PERMIT FOR STORM WATER DISCHARGES FROM THE CONSTRUCTION ACTIVITIES (PERMIT NO. SCR100000). ANY NONCOMPLIANCE WITH THESE REGULATIONS IS A VIOLATION OF THE FEDERAL CLEAN WATER ACT AND MAY REQUIRE ENFORCEMENT ACTION BY CITY OF MYRTLE BEACH OR SCDHEC.
26. CONTRACTOR SHALL PROVIDE A WATER TIGHT ENCLOSURE FOR STORAGE OF THE OCRM CERTIFIED PLANS AND INSPECTION REPORTS. ENCLOSURE SHALL BE LOCATED IN AN AREA ACCESSIBLE TO REGULATORY PERSONNEL.
27. ALL STOCKPILE TO BE PROTECTED WITH SILT FENCE.
28. ALL CONCRETE TO BE WASHED OUT IN AN APPROVED AREA.

PLOT SCALE: 1:1
PDF FILE: filter DOC.dgn

CONTRACTOR TO INSTALL SEDIMENT AND EROSION CONTROL BMP'S PER SCDHEC STORMWATER MANAGEMENT BMP HANDBOOK LATEST EDITION.



NOTE:
CONTRACTOR MAY USE COCO FLEX ET-FGM EROSION CONTROL PRODUCT, PER MANUFACTURER'S SPECIFICATIONS, AS AND ALTERNATE TO THE INSTALLATION OF THE FINAL LANDSCAPING TO ENSURE THE SITE IS STABILIZED.

INSTALLATION

Strictly comply with equipment manufacturer's installation instructions and recommendations. Use approved hydro-spraying machines with fan-type nozzle (50-degree tip). To achieve optimum soil surface coverage, apply from opposing directions to soil surface. Rough surfaces (rocky terrain, cat tracks and ripped soils) may require higher application rates to achieve 100% cover. Slope interruption devices or water diversion techniques are recommended when slope lengths exceed 125 feet (38 m). Maximum slope length is for product applications on a 3H:1V slope. For application on steeper slopes, slope interruption lengths may need to be decreased based on actual site conditions. Not recommended for channels or areas with concentrated water flow. This product may be applied on saturated soils and does not require a curing period to be effective. No chemical additives with the exception of fertilizer, liming and biostimulant materials should be added to this product. To ensure proper application rates, measure and stake area. For maximum performance, apply in a two-step process as follows:

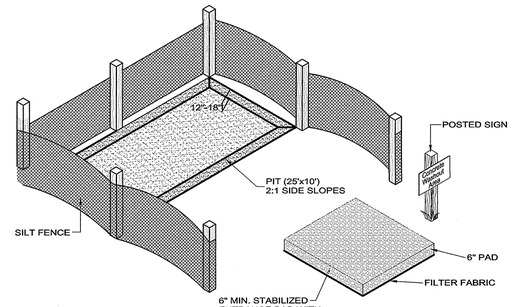
1. Step One: Apply fertilizer with specified prescriptive agronomic formulations and 50% of seed with a small amount of (HECP) for visual metering.
2. Step Two: Mix balance of seed and apply (HECP) at a rate of 50 lb per 125 gallons (23 kg/475 liters) of water over freshly seeded surfaces. Confirm loading rates with equipment manufacturer. Do not leave seeded surfaces unprotected, especially if precipitation is imminent.

APPLICATION RATES: These application rates are for standard conditions. Designers may wish to reduce rates to encourage faster vegetation establishment or may need to increase application rates on rough surfaces. Consult application and loading charts to determine number of bags to be added for desired area and application rate.

Slope Gradient / Condition	English	SI
≤ 4H to 1V	2500 lb/ac	2800 kg/ha
> 4H to 1V and ≤ 3H to 1V	3000 lb/ac	3400 kg/ha
> 3H to 1V and ≤ 2H to 1V	3500 lb/ac	3900 kg/ha
> 2H to 1V and ≤ 1H to 1V	4000 lb/ac	4500 kg/ha
> 1H to 1V	4500 lb/ac	5100 kg/ha
Below ECB or TRM	1500 lb/ac	1700 kg/ha

Profile
Your Ground Control for Soil Solutions

DISTURBED AREA STABILIZATION
SCALE: N.T.S.



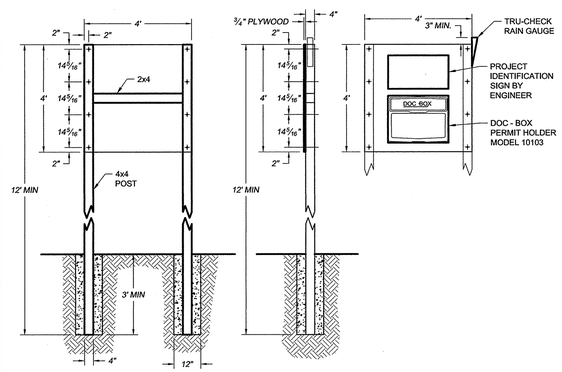
NOTE:

CONTRACTOR TO MAINTAIN THROUGH OUT CONSTRUCTION BY REMOVING CONCRETE & LEGALLY DISPOSING OF WHEN PIT IS FULL.

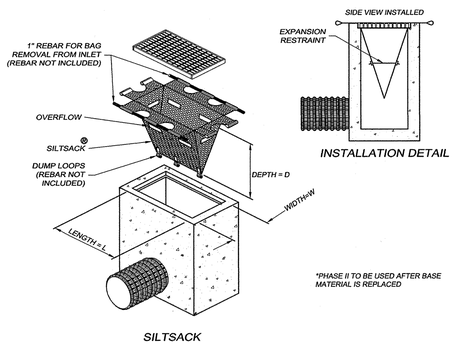
CONTRACTOR TO MAINTAIN PROPER CONSTRUCTION OF WASH-OUT FACILITY FOR THE DURATION OF THE PROJECT.

CONTRACTOR SHALL COORDINATE LOCATION WITH CITY OF MYRTLE BEACH.

CWA
CONCRETE WASHOUT AREA
SCALE: N.T.S.



SITE SIGN DETAIL
SCALE: N.T.S.

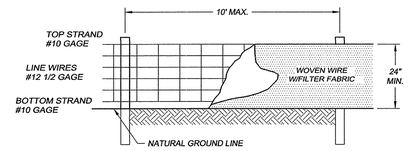


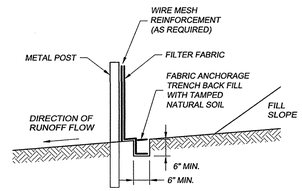
INSTALLATION DETAIL

*PHASE II TO BE USED AFTER BASE MATERIAL IS REPLACED

SILTSACK

IP
PHASE II INLET PROTECTION
SCALE: N.T.S.





SILT FENCE NOTES:

1. WOVEN WIRE FENCE SHALL BE REQUIRED AS A BACKING FOR FILTER FABRIC WITH AN ELONGATION AS DETERMINED BY ASTM D 1682, OF 50% OR GREATER. THE WIRE FENCE SHALL BE A MINIMUM OF 32" IN WIDTH AND SHALL HAVE A MINIMUM OF 6 LINE WIRES WITH 12" STAY SPACING.
2. STEEL POST MUST BE USED. STEEL POST SHALL BE A MINIMUM OF 5' LONG WEIGH A MINIMUM OF 1.3 POUNDS/FOOT, AND HAVE PROJECTIONS FOR FASTENING THE WIRE OR THE FABRIC TO THE POST. STEEL POST SHALL ALSO HAVE A METAL PLATE SECURELY ATTACHED SUCH THAT WHEN THE POST IS DRIVEN TO THE PROPER DEPTH, THE PLATE WILL BE BELOW GROUND LEVEL FOR ADDITIONAL STABILITY. POSTS SHALL BE INSTALLED TO A DEPTH DIRECTED BY THE ENGINEER, WITH 1 TO 2 INCHES OF THE POST PROTRUDING ABOVE THE TOP OF THE WIRE FENCE OF FABRIC BEING IDEAL, BUT IN ANY CASE, NO MORE THAN 3' OF THE POST SHALL PROTRUDE ABOVE THE GROUND.

SF
CONSTRUCTION OF A SILT FENCE
SCALE: N.T.S.

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Phone: (843) 692-3200 Fax: (843) 692-3210

SOUTH CAROLINA CERTIFICATION — DDC ENGINEERS, INC. No. C00036

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER — JAMES M. WOOTEN — No. 21271 — 11/22/17

NO.	DATE	BY
1	12/6/2017	JLB

REVISED PER DRAWING CLARIFICATIONS

SEDIMENT & EROSION CONTROL DETAILS

PLYLER PARK
CITY OF MYRTLE BEACH, SOUTH CAROLINA

PREPARED FOR: CITY OF MYRTLE BEACH

SCALE:	N / A
DATE:	NOVEMBER 22, 2017
DESIGNED BY:	
DRAWN BY:	
APROV. BY:	
PROJECT NO.:	16113L

C3

FILE NO.:

L:\16\16113L-Plyler Park\E\16113-ERO.dwg, EROSION DETAILS, 12/7/2017 2:46:09 PM, 24x36, 1:1

OCEAN BOULEVARD

PL

LANDSCAPE AREA

EXISTING PAVER BAND, TYP.

2 S2.0 (2) REMOVABLE BOLLARDS CENTER IN PANEL, TYP.

EXISTING SANTEE COOPER LIGHT, TYP.

6' CONCRETE CONNECTOR SIDEWALK 3 C8

EDGE OF EXISTING CONCRETE

INFILL AREAS WITH STANDARD BROOM FINISH CONCRETE (STANDARD DUTY), SCORING PATTERN TO MATCH EXISTING. EXPANSION JOINT LOCATION TO MATCH EXISTING WHERE POSSIBLE.

3 C8 4 C8

EQ.

SALT-TREATED CONCRETE PANELS & STANDARD BROOM FINISH CONCRETE COLLARS. CENTER BETWEEN EXISTING SANTEE COOPER LIGHTS, TYP. (SEE ENLARGEMENTS PLAN)

1 C8 2 C8

1PP

EXISTING SOD

TIE-IN LINE

PERGOLA STRUCTURE 1 1 C7

LANDSCAPE AREA

CONCRETE SEATING, TYP 7 C8

MYRTLE BEACH SKYWHEEL

INFILL AREAS WITH STANDARD BROOM FINISH CONCRETE (HEAVY DUTY), SCORING PATTERN TO MATCH EXISTING

5 C8

R40.0'

4.0'

5 C8 INFILL AREAS WITH STANDARD BROOM FINISH CONCRETE (HEAVY DUTY), SCORING PATTERN TO MATCH EXISTING

1 C7 PERGOLA STRUCTURE 1

7 C8 CONCRETE SEATING, TYP

1 S2.0 RETAINING WALL, CENTERED BETWEEN EXISTING TREE GRATES. TROWEL ALL EXPOSED FACES OF WALL SMOOTH. SCORE TOP, FRONT & BACK @36" O.C. STARTING AT CENTER OF WALL

53.0'

2.5'

8.0'

2.5'

EXISTING SANTEE COOPER LIGHT, TYP.

EDGE OF EXISTING CONCRETE

5.0' TYP.

INSTALL SLEEP-DETERRENT BAR @5' O.C.*

*TYPE 316 STAINLESS STEEL SLEEP DETERRENT BAR, NOMINAL ¾" WIDE x ¾" HT ABOVE WALL SURFACE, CLEAR WITH ALL EXPOSED EDGES EASED.

SCORE PATTERN, TYP.

3.0'

3.7'

R1.50'

INFILL AREAS WITH STANDARD BROOM FINISH CONCRETE (HEAVY DUTY), SCORING PATTERN TO MATCH EXISTING

5 C8

TIE-IN LINE

3 C8 6' CONCRETE CONNECTOR SIDEWALK, TIE IN WITH & MATCH EXISTING

7 C8 CONCRETE SEATING, TYP

LANDSCAPE AREA

EXISTING SANTEE COOPER LIGHT, TYP.

2 S2.0 (1) REMOVABLE BOLLARD CENTER IN PANEL, TYP.

MOE MOON'S OUTDOOR SEATING

FILL EXISTING BOLLARD SLEEVES WITH PEA GRAVEL TO 4" BELOW GRADE. FILL FINAL 4" WITH CONCRETE TO FLUSH WITH FINISHED GRADE. TROWEL SMOOTH.

CITY OF MYRTLE BEACH BUILDING CONTROL LINE

OCRM SETBACK LINE

OCRM BASE LINE

5.0'

SCORE PATTERN, TYP.

LANDSCAPE AREA

CONCRETE CURB 6 C8

GODDESS OF THE SEA STATUE & BASE, CENTERED IN CIRCLE 8 C8 4 S2.0

EDGE OF EXISTING CONCRETE

EXISTING PAVER BAND, TYP.

INFILL AREAS WITH STANDARD BROOM FINISH CONCRETE (STANDARD DUTY), SCORING PATTERN TO MATCH EXISTING. EXPANSION JOINT LOCATION TO MATCH EXISTING WHERE POSSIBLE.

3 C8 4 C8

SALT-TREATED CONCRETE PANELS & STANDARD BROOM FINISH CONCRETE COLLARS. CENTER BETWEEN EXISTING SANTEE COOPER LIGHTS, TYP. (SEE ENLARGEMENTS PLAN)

1 C8 2 C8

DETECTABLE WARNING PAVERS

SCORE PATTERN, TYP.

STAGE (SEE ENLARGEMENTS PLAN)

10.0'

90°

10.0'

STANDARD BROOM FINISH ON STAGE SURFACE

LANDING

RAMP

LANDING

RAMP

LANDING

CONCRETE GUTTER

CONCRETE GUTTER

3 C7 PERGOLA STRUCTURE 3

INSTALL SOD, MATCH EXISTING

HEAVY BROOM FINISH ON RAMP SURFACE; STANDARD BROOM FINISH ON LANDING SURFACE

INSTALL SOD, MATCH EXISTING

EXISTING SOD

*START SCORE PATTERN 5.75' FROM & CENTERED ON LANDING EDGE. SCORE JOINTS TO BE SAW CUT 45° TO LANDING EDGE. LAYOUT PATTERN & OBTAIN APPROVAL FROM CITY OF MYRTLE BEACH PRIOR TO CUT.

BOARDWALK

SCALE 0' 5' 10'

NOTES:

1. CONTRACTOR SHALL TAKE EXTREME CARE TO PRESERVE & PROTECT EXISTING CONCRETE PAVING / PAVERS, STRUCTURES AND PLANT MATERIAL TO REMAIN THROUGHOUT DURATION OF PROJECT.

2. CONTRACTOR SHALL FIELD-VERIFY AREAS OF CONCRETE INFILL WITHIN EXISTING PAVER BAND.

3. CONTRACTOR SHALL ROUGH LAYOUT THE STAGE AND CONNECTOR SIDEWALKS AND REVIEW WITH CITY OF MYRTLE BEACH PRIOR TO CONSTRUCTION. ADJUST LAYOUT AS DIRECTED BY CITY.

4. FOLLOWING REMOVAL OF ALL PLANT MATERIAL, AS SHOWN ON THE EXISTING CONDITIONS / DEMOLITION PLAN, CONTRACTOR SHALL INFILL LANDSCAPE AREAS WITH SUITABLE TOPSOIL MATERIAL AND RETURN TO SMOOTH GRADE. SUITABLE TOPSOIL MATERIAL SHALL BE CAPABLE OF SUPPORTING PLANT LIFE, BLEND WITH EXISTING & BE APPROVED BY THE CITY OF MYRTLE BEACH PRIOR TO SITE DELIVERY.

5. NOT ALL UTILITIES ARE SHOWN ON DRAWINGS.

6. REFER TO COVER SHEET FOR ADDITIONAL PROJECT NOTES & REQUIREMENTS.

DDC ENGINEERS®
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Phone: (843) 692-3200 Fax: (843) 692-3210

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
DDC ENGINEERS, INC. No. C00036

SOUTH CAROLINA REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT 1371 JAMES M. WOOTEN

NO.	DATE	REVISION DESCRIPTION	BY
1	12/6/2017	REVISED PER DRAWING CLARIFICATIONS	JLB

COMPONENT IDENTIFICATION & LAYOUT PLAN

PLYLER PARK
CITY OF MYRTLE BEACH, SOUTH CAROLINA

PREPARED FOR: CITY OF MYRTLE BEACH

SCALE:	1" = 10'
DATE:	NOVEMBER 22, 2017
DESIGNED BY:	
DRAWN BY:	
APROV. BY:	
PROJECT NO.:	16113L

C4

FILE NO.:

PLOT SCALE: 1:1
PCP FILE: New DDC.ctb

OCEAN BOULEVARD

PL

LANDSCAPE AREA

2 - 4" CONDUIT

CONSTANT SLOPE, MATCH ADJACENT EXISTING GRADES, TYP.

FLUSH, TYP.

BREAK-LINE

CONSTANT SLOPE

1% SLOPE

CONSTANT SLOPE, MATCH ADJACENT EXISTING GRADES, TYP.

CONSTANT SLOPE, MATCH ADJACENT EXISTING GRADES, TYP.

1PP

EXISTING SOD

MYRTLE BEACH SKYWHEEL

17.06 (TOP OF STAGE 15" ABOVE EXISTING CONCRETE GRADE AT THIS POINT ONLY)

STAGE (SEE ENLARGEMENTS PLAN)

25' @ 1% SLOPE

TOP OF STAGE 16.81 CONSTANT

MATCH EXISTING GRADE

LANDING

16.5' RAMP @8% SLOPE*

16.5' RAMP @7.5% SLOPE*

TOP OF WALL 16.81 CONSTANT

2 - 6" CONDUIT PROVIDE REMOVABLE CAP ON EITHER END, FLUSH WITH OUTER VERTICAL FACE OF WALL & WITH SURFACE OF STAGE

*RAMP SLOPE TO BE CONSTANT. CONTRACTOR TO CONFIRM SLOPE DOES NOT EXCEED 1:12 PRIOR TO BEGINNING WORK & THAT CROSS SLOPE IS NOT GREATER THAN 2%.

MOE MOON'S OUTDOOR SEATING

CITY OF MYRTLE BEACH BUILDING CONTROL LINE

OCRM SETBACK LINE

OCRM BASE LINE

BOARDWALK

SCALE
0' 5' 10'

NOTES:

1. CONTRACTOR SHALL TAKE EXTREME CARE TO PRESERVE & PROTECT EXISTING CONCRETE PAVING / PAVERS, STRUCTURES AND PLANT MATERIAL TO REMAIN THROUGHOUT DURATION OF PROJECT.

2. CONTRACTOR TO FIELD-VERIFY ALL EXISTING SPOT ELEVATIONS. NOTIFY CITY OF MYRTLE BEACH OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

3. CONCRETE PAVEMENT AREAS TO HAVE 1% MIN / 4% MAX SLOPE, UNLESS NOTED OTHERWISE. CONTRACTOR TO ENSURE SMOOTH TRANSITION AT BREAK-LINES.

4. CONTRACTOR TO ADJUST ELEVATION OF LANDSCAPE AREAS, AS NEEDED, TO WITHIN 1" BELOW FINISHED GRADE OF CONCRETE PAVEMENT AREAS.

5. PROPOSED CONDUIT SHALL BE PVC SCHEDULE 40. PROVIDE TEMPORARY PLUGS & TEMPORARY MARKER STAKES AT EACH END.

6. NO UTILITY / CONDUIT CUTS SHALL BE ALLOWED THROUGH EXISTING PAVEMENT. UTILITIES & CONDUIT PASSING UNDER EXISTING PAVEMENT SHALL BE BORED. MINIMUM BURIAL DEPTH OF 4" CONDUIT SHALL BE 30" BELOW FINISHED GRADE, UNLESS NOTED OTHERWISE.

7. EXISTING CONDUIT IS LOCATED THROUGHOUT THE PARK. CONTRACTOR MAY UTILIZE EXISTING CONDUIT, ONLY IF EMPTY AND ONLY WITH PERMISSION FROM THE CITY OF MYRTLE BEACH.

8. NOT ALL UTILITIES ARE SHOWN ON DRAWINGS.

9. REFER TO COVER SHEET FOR ADDITIONAL PROJECT NOTES & REQUIREMENTS.

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DDC ENGINEERS, INC. No. C00036

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER
12/7/17
JAMES M. WOOTEN

NO.	DATE	REVISION DESCRIPTION	BY
1	12/8/2017	REVISED PER DRAWING CLARIFICATIONS	JLB

GRADING, DRAINAGE & CONDUIT PLAN

PLYLER PARK
CITY OF MYRTLE BEACH, SOUTH CAROLINA

PREPARED FOR: CITY OF MYRTLE BEACH

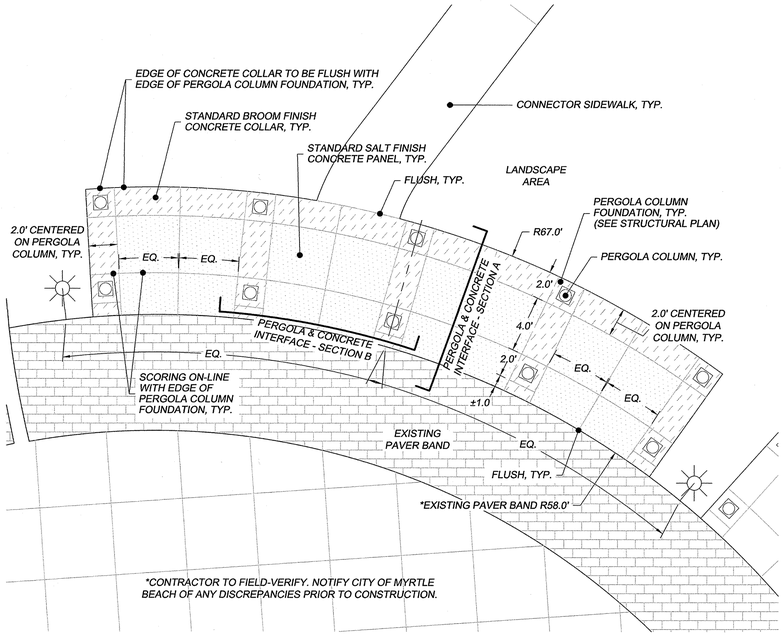
SCALE:	1" = 10'
DATE:	NOVEMBER 22, 2017
DESIGNED BY:	
DRAWN BY:	
APROV. BY:	
PROJECT NO.:	16113L

C5

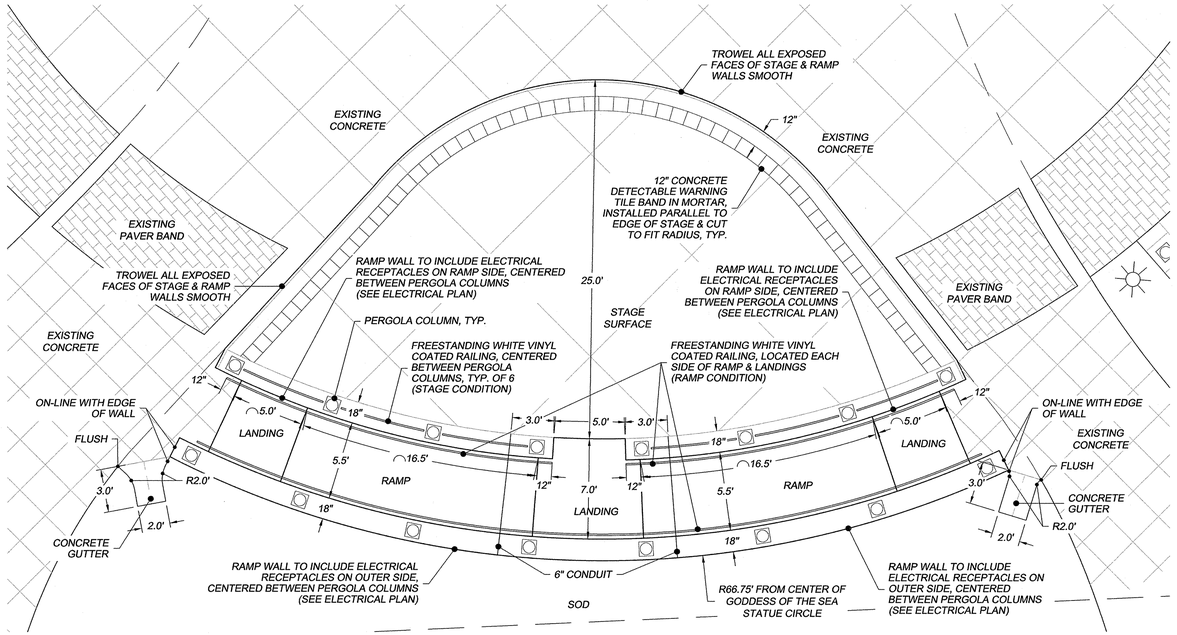
FILE NO.:

PCP FILE: New PDC-cb
PLOT SCALE: 1:1

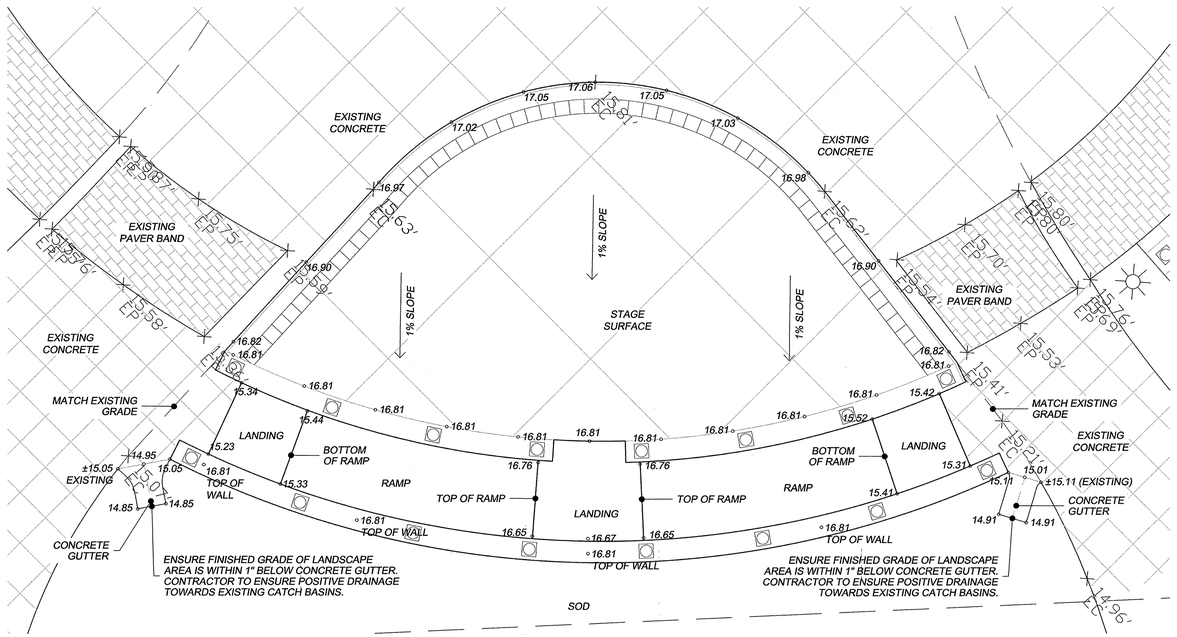
L:\16\16113L-Plyler Park\E\16113-GRADING.dwg, GRADING, 12/7/2017 2:46:50 PM, 24x36, 1:1



PERGOLA CONCRETE LAYOUT



STAGE LAYOUT



STAGE GRADING

SCALE
0' 2.5' 5'

NOTES:

1. *CONTRACTOR SHALL TAKE EXTREME CARE TO PRESERVE & PROTECT EXISTING CONCRETE PAVING / PAVERS, STRUCTURES AND PLANT MATERIAL TO REMAIN THROUGHOUT DURATION OF PROJECT.*
2. *CONTRACTOR TO FIELD-VERIFY ALL EXISTING SPOT ELEVATIONS. NOTIFY CITY OF MYRTLE BEACH OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.*
3. *NOT ALL UTILITIES ARE SHOWN ON DRAWINGS.*
4. *REFER TO GRADING, DRAINAGE & CONDUIT PLAN, STRUCTURAL PLAN AND ELECTRICAL PLAN FOR ADDITIONAL INFORMATION.*
5. *REFER TO COVER SHEET FOR ADDITIONAL PROJECT NOTES & REQUIREMENTS.*

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Consulting Engineers, Surveyors, Planners, Landscape Architects & Environmentalists
1298 Professional Dr., Myrtle Beach, SC 29577
Phone: (843) 692-3200 Fax: (843) 692-3210

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION DDC ENGINEERS, INC. No. C00036

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER JAMES M. WOOTEN

NO.	DATE	REVISION DESCRIPTION	BY
1	12/8/2017	REVISED PER DRAWING CLARIFICATIONS	JLB

ENLARGEMENTS PLAN

PLYLER PARK
CITY OF MYRTLE BEACH, SOUTH CAROLINA

PREPARED FOR: CITY OF MYRTLE BEACH

SCALE:	1" = 5'
DATE:	NOVEMBER 22, 2017
DESIGNED BY:	
DRAWN BY:	
APROV. BY:	
PROJECT NO.:	16113L

C6

FILE NO.:

PLOT SCALE: 1:1
PCP, FILE: New DDC-cb

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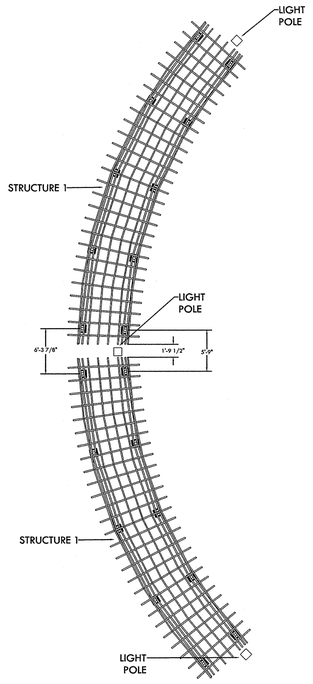
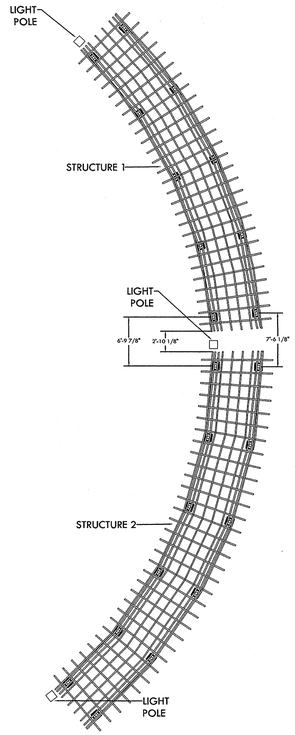


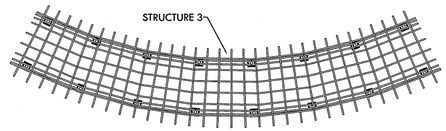


PERGOLAS AS DESIGNED AND MANUFACTURED BY:

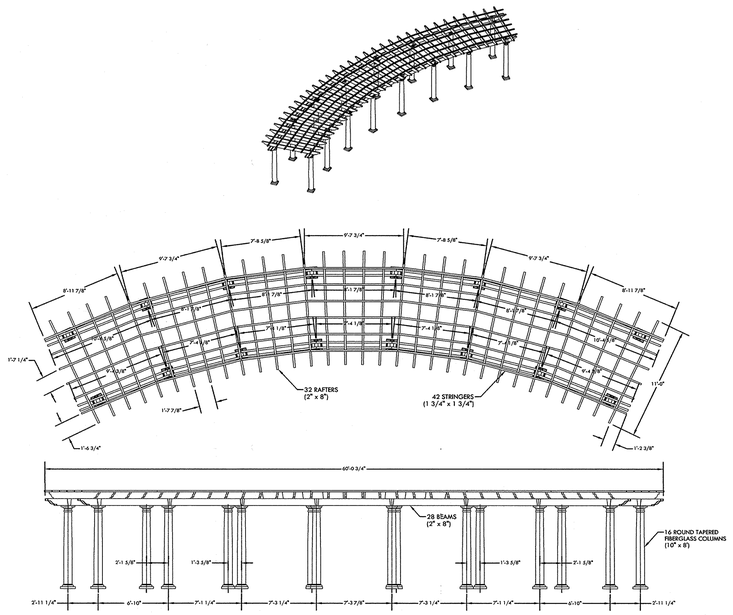
STRUCTUREWORKS FABRICATION
3300 DILL SMITH DRIVE
FREDRICKSBURG, VA 22408

CONTACT:

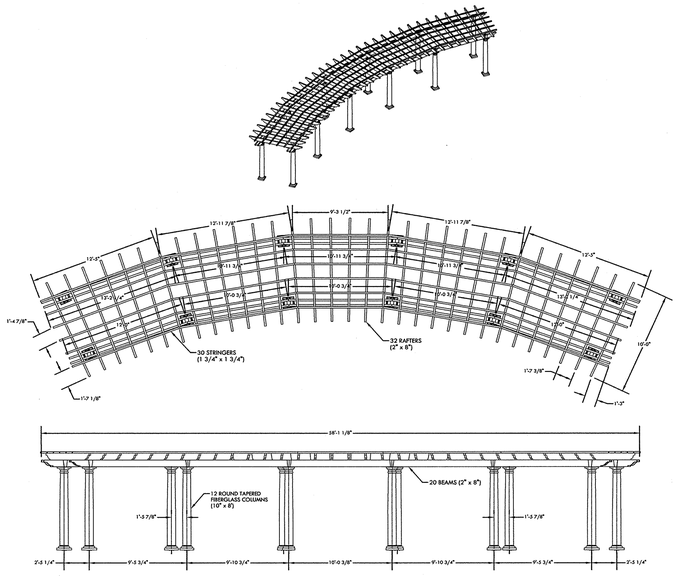
NEIL O'HARE, SALES MANAGER
NOHARE@STRUCTUREWORKSFAB.COM
(540)-416-0823



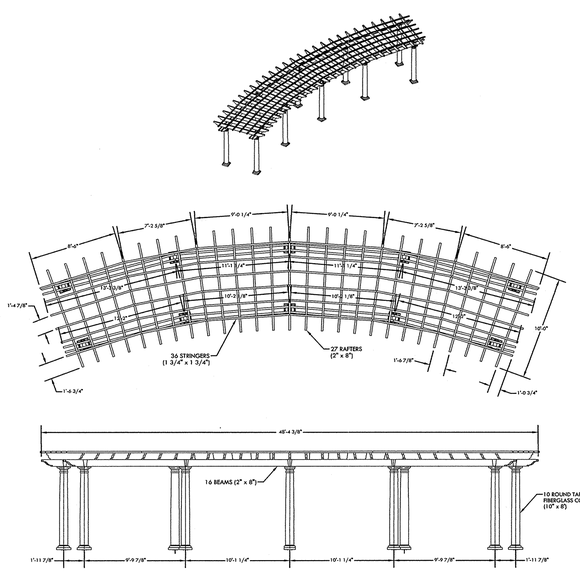
LAYOUT FOR PERGOLA STRUCTURES 1 - 3



3/C7 *PERGOLA STRUCTURE 3*



2/C7 *PERGOLA STRUCTURE 2*



1/C7 *PERGOLA STRUCTURE 1*

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DDC ENGINEERS, INC. No. C00036

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER
JAMES M. WOOTEN

NO.	DATE	REVISION DESCRIPTION	BY
1	12/8/2017	REVISED PER DRAWING CLARIFICATIONS	JLB

SITE DETAILS

PLYLER PARK
CITY OF MYRTLE BEACH, SOUTH CAROLINA

PREPARED FOR: CITY OF MYRTLE BEACH

SCALE:	N / A
DATE:	NOVEMBER 22, 2017
DESIGNED BY:	
DRAWN BY:	
APROV. BY:	
PROJECT NO.:	16113L

C7

FILE NO.:

PCP FILE: New DDC.ctb
PLOT SCALE: 1:1

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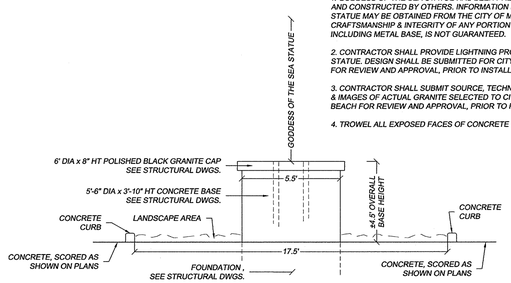
NOTES

1. GODDESS OF THE SEA STATUE HAS BEEN PREVIOUSLY DESIGNED AND CONSTRUCTED BY OTHERS. INFORMATION REGARDING THE STATUE MAY BE OBTAINED FROM THE CITY OF MYRTLE BEACH. CRAFTSMANSHIP & INTEGRITY OF ANY PORTION OF THE STATUE, INCLUDING METAL BASE, IS NOT GUARANTEED.

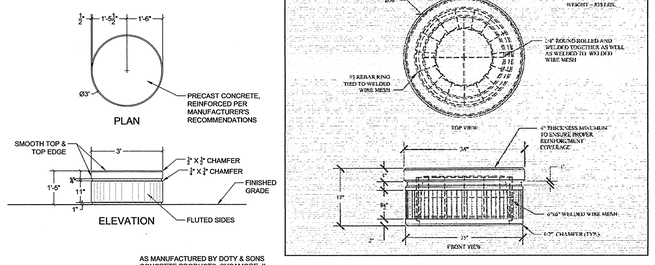
2. CONTRACTOR SHALL PROVIDE LIGHTNING PROTECTION FOR STATUE. DESIGN SHALL BE SUBMITTED FOR CITY OF MYRTLE BEACH FOR REVIEW AND APPROVAL, PRIOR TO INSTALLATION.

3. CONTRACTOR SHALL SUBMIT SOURCE, TECHNICAL INFORMATION & IMAGES OF ACTUAL GRANITE SELECTED TO CITY OF MYRTLE BEACH FOR REVIEW AND APPROVAL, PRIOR TO FABRICATION.

4. TROWEL ALL EXPOSED FACES OF CONCRETE SMOOTH.

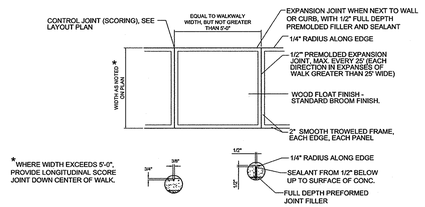


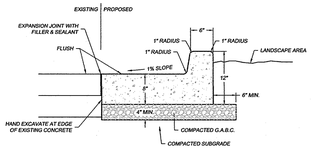
8/C8 GODDESS OF THE SEA STATUE BASE



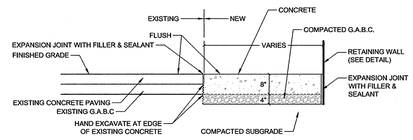
AS MANUFACTURED BY DOTY & SONS CONCRETE PRODUCTS, SYCAMORE, IL, OR APPROVED EQUAL

7/C8 CONCRETE SEATING

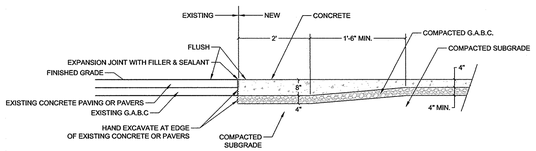




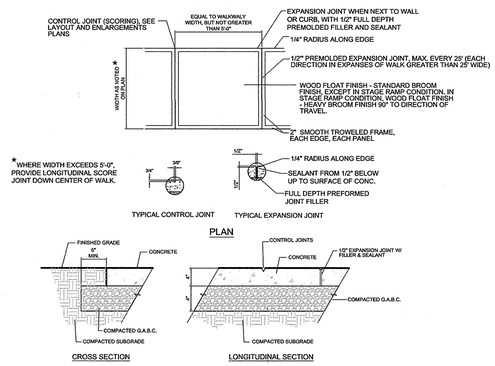
6/C8 CONCRETE CURB



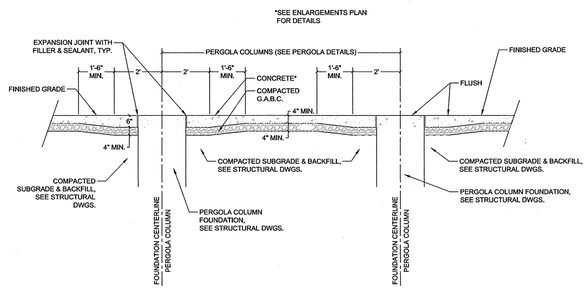
5/C8 EXISTING & PROPOSED CONCRETE INTERFACE (HEAVY DUTY)



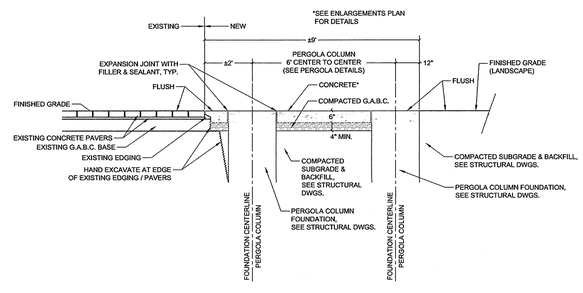
4/C8 EXISTING & PROPOSED CONCRETE INTERFACE (STANDARD DUTY)



3/C8 STANDARD-DUTY CONCRETE PAVING



2/C8 PERGOLA & CONCRETE INTERFACE - SECTION B



1/C8 PERGOLA & CONCRETE INTERFACE - SECTION A

PDF FILE: New DOC.nb

PLOT SCALE: 1:1

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Phone: (843) 692-3200 Fax: (843) 692-3210

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
DDC ENGINEERS, INC. No. C00036

SOUTH CAROLINA PROFESSIONAL ENGINEER
12-7-17
JAMES M. WOOTEN

NO.	DATE	REVISION DESCRIPTION	BY
1	12/8/2017	REVISED PER DRAWING CLARIFICATIONS	JLB

SITE DETAILS

PLYLER PARK
CITY OF MYRTLE BEACH, SOUTH CAROLINA

PREPARED FOR: CITY OF MYRTLE BEACH

SCALE:	N / A
DATE:	NOVEMBER 22, 2017
DESIGNED BY:	
DRAWN BY:	
APROV. BY:	
PROJECT NO.:	16113L

C8

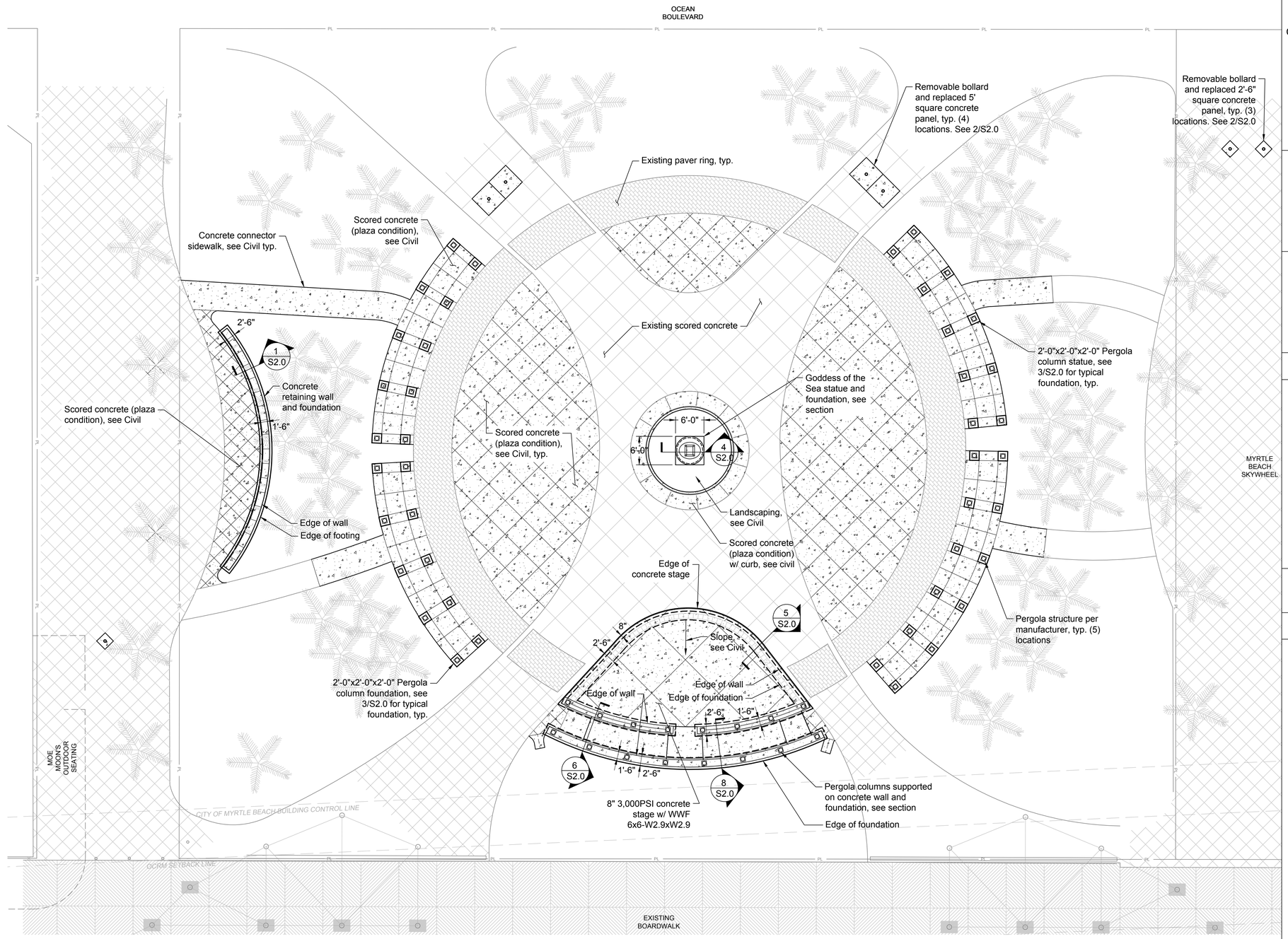
FILE NO.:

General Notes:

1. Design Specifications: International Building Code (2015 Edition).
   Design Loads:
   - Snow load: 10 PSF
   - Floor live load: 100 PSF
   - Dead load: Actual
   - Occupancy Category: I
   - Wind Velocity: 135 MPH
   - Exposure Category: D
   - Site Class: Assumed D
   - Mapped Spectral Response Accelerations: Ss=0.470 g, S1=0.169 g
   - Site coefficients: Fa=1.424, Fv=2.125
   - Seismic design category: D
   - Seismic Analysis Procedure: Equivalent lateral force procedure.
2. In case of a discrepancy in dimensions or details, between Civil and Structural Drawings, not affecting strength, the Civil plans shall govern. For dimensions and details not shown, see Civil plans.
3. The construction falsework design (if any) is the responsibility of the Contractor. The design shall be performed by a Registered Engineer and shall be submitted for approval before commencing of the work.
4. Where a detail is shown on Structural Drawings for one condition, it shall apply to all similar or like conditions, unless noted or shown otherwise on plans.
5. All items shall be tightly anchored or attached square, plumb, and true, or in other planes and shapes as shown on the drawings. Joints shall be tight, even, and free of offsets. No field altering of any members will be allowed that will cause them not to be in accordance with the drawings and specifications, without written approval of the Project Engineer.
6. The dimensions shown with a suffix "±" are approximate and shall be verified by the Contractor before fabrication.
7. If the Contractor finds a difference between these drawings & existing conditions, or finds any other conditions which prohibit execution of the work as directed in these drawings, the Contractor shall notify the Engineer immediately.
8. The Owner shall employ a laboratory to perform the quality assurance, sampling, testing and/or inspection at his expense. Final selection of such laboratory shall be approved by the Engineer.
9. The foundation is designed based on the assumed allowable soil bearing pressure of 2 KSF. The foundation excavation shall be verified by the Geotechnical Engineer before the placement of foundation. Foundation construction shall be compliant with the geotechnical report prepared by a qualified geotechnical engineer licensed in the state of SC. All fill soil shall be compacted at 8" lift in loose thickness. All subgrade of foundation shall be compacted to 95% standard proctor density as a minimum or as directed by soil report.
10. Any revision/modification to the original design during the shop drawing process, the Contractor shall clearly cloud line all the changes and shall receive approval from the Engineer in writing before fabrication. Any costs associated with correcting the unapproved change shall be at the Contractor's expense.

Concrete:

1. Concrete minimum compressive strength at 28 days shall be 3,000 PSI.
2. Reinforcement: all mild reinforcement bar shall be A615 grade 60 steel. All welded wire fabric shall conform to ASTM A185, grade 65. All welded wire fabric shall be in sheets and shall be supported on chairs.
3. Bending dimensions & tolerances for reinforcing bar shall conform to current CRSI Manual of Standard Practice.
4. Lap splices shall conform to the current CRSI Manual of Standard Practice unless otherwise noted.
5. Horizontal construction joints to be scrubbed with a coarse wire brush at the approximate time of initial set to remove all laitance and to produce a roughened surface.
6. Concrete work shall comply with ACI "Specifications for Structural Concrete" (ACI 301-10) and applicable provisions of ACI 318-14. Keep a copy of ACI Field Reference Manual (ACI SP-15-10) which includes ACI 301 and other ACI and ASTM references on the job.
7. Detailing, fabricating, and placing of reinforcing steel and accessories shall be in accordance with ACI "Details and Detailing of Concrete Reinforcement" (ACI 315-99) and shall comply with (ACI 318-14) and with (ACI 301-10).
8. The Owner shall select the testing laboratory & employ the laboratory at his expense to perform concrete strength testing per ACI 318-14. Final selection of testing laboratory shall be approved by engineer.



Key:

Denotes new concrete

CHAO & ASSOCIATES, INC.
CONSULTING ENGINEERS & LAND SURVEYORS

Chao & Associates, Inc.
Civil - Structural - Survey
7 Clusters Court
Columbia, SC 29210
Voice: (803) 772-8420
Fax: (803) 772-9120
Email: consult@chaoinc.com

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
CHAO & ASSOCIATES No. C00357

SOUTH CAROLINA PROFESSIONAL ENGINEER
No. 29014
11-22-17
WEI D. CHAO

NO.	DATE	BY
1	12/6/17	REVISION FOR DRAWING CLARIFICATION

STRUCTURAL PLAN

PLYLER PARK
CITY OF MYRTLE BEACH, SOUTH CAROLINA

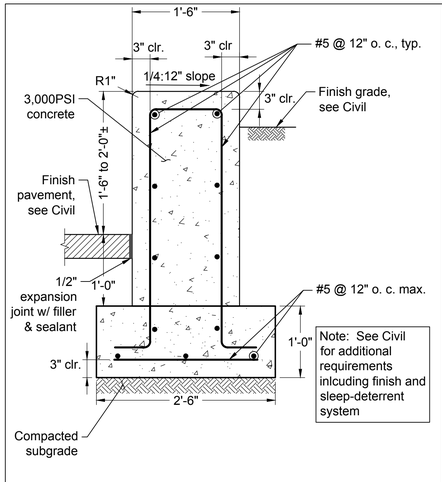
PREPARED FOR: CITY OF MYRTLE BEACH

SCALE:	3/32" = 1'-0"
DATE:	NOVEMBER 22, 2017
DESIGNED BY:	CH
DRAWN BY:	LPL
APROV. BY:	DC
PROJECT NO.:	16113L

S1.0

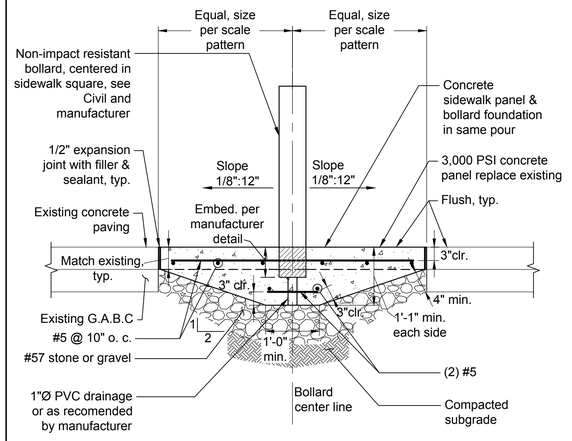
FILE NO.:

PLOT SCALE: 1:1
PDF FILE: Item 05C.dgn



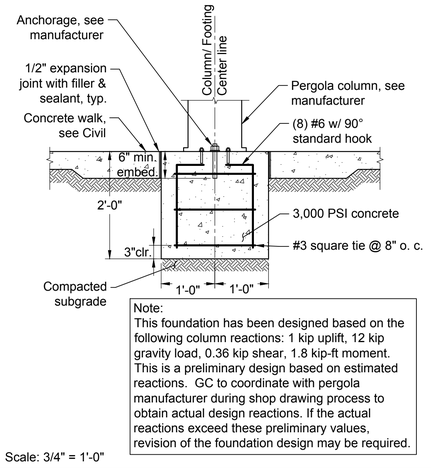
1 - Retaining Wall Section

Scale: 1" = 1'-0"



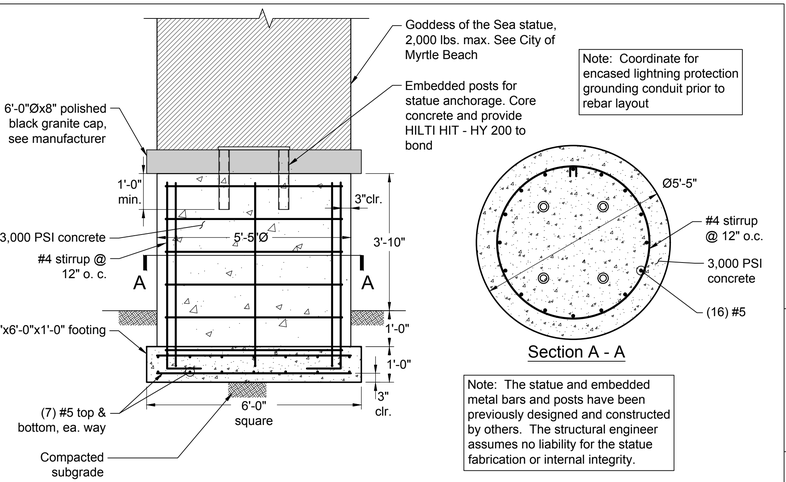
2 - Bollard Foundation Section

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



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

3 - Typical Pergola Column Foundation Section



4 - Goddess of the Sea Statue Foundation Section

Scale: 1/2"= 1'-0"

5 - Stage Section

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

6 - Stage Section at Pergola Columns

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

For use in Plaza Concrete

For use in Connector Sidewalk and Stage Concrete

Note: Provide where shown on Civil plans.

7 - Control Joint Detail

Scale: NTS

Note:
This foundation has been designed based on the following column reactions: 1 kip uplift, 12 kip gravity load, 0.36 kip shear, 1.8 kip-ft moment. This is a preliminary design based on estimated reactions. GC to coordinate with pergola manufacturer during shop drawing process to obtain actual design reactions. If the actual reactions exceed these preliminary values, revision of the foundation design may be required.

8 - Stage Section at Railing Posts

Scale: 1" = 1'-0"

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SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
CHAO & ASSOCIATES No. C00357

SOUTH CAROLINA PROFESSIONAL ENGINEER
No. 29014
11-22-17
MEI D. CHAO

NO.	DATE	REVISION/ DESCRIPTION	BY
1	12/6/17	REVISION FOR DRAWING CLARIFICATION	

STRUCTURAL SECTIONS AND DETAILS

PLYLER PARK

CITY OF MYRTLE BEACH, SOUTH CAROLINA

PREPARED FOR: CITY OF MYRTLE BEACH

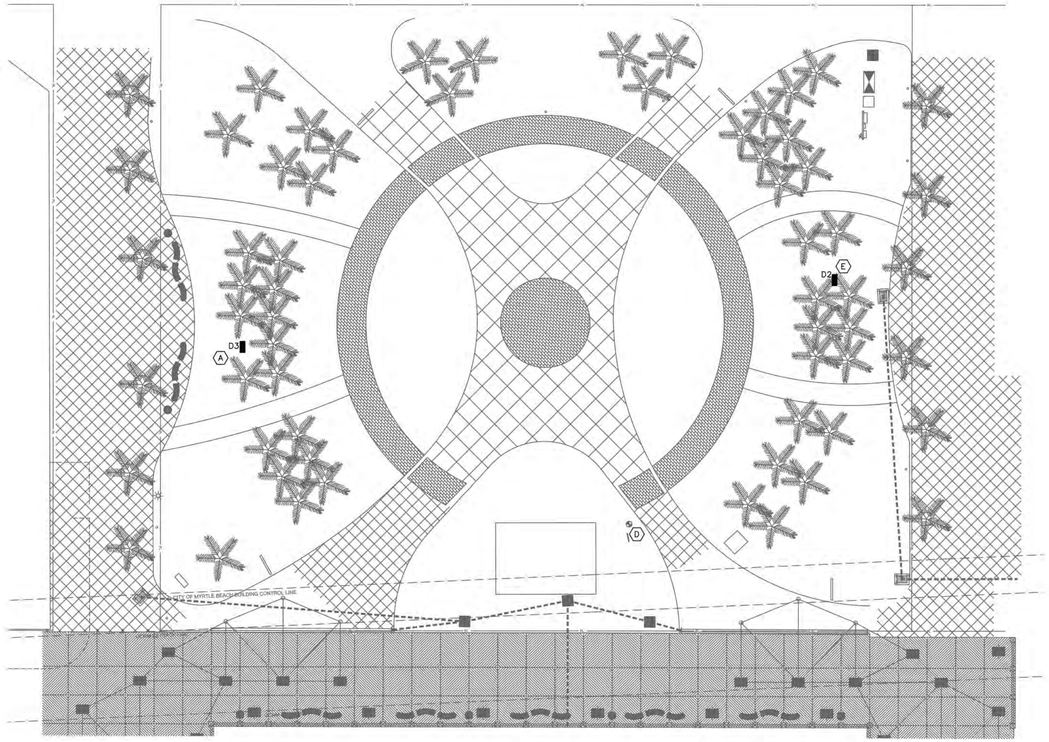
SCALE:	AS NOTED
DATE:	NOVEMBER 22, 2017
DESIGNED BY:	CH
DRAWN BY:	LPL
APROV. BY:	DC
PROJECT NO.:	16113L

S2.0

FILE NO.:

PDF FILE: Ver IDOC.dw

PLOT SCALE: 1:1



1 E1.0 ELECTRICAL PLAN – EXISTING
SCALE: 1" = 20'-0"

ELECTRICAL KEY NOTES:

(A) EXISTING 100A 120/208V 1 PHASE PANEL. REMOVE ALL THE RECEPTACLES, BOXES AND CONDUITS ON THE PANEL MOUNTING. REUSE THE CIRCUITS AND ADD NEW AS REQUIRED TO GIVE A DEDICATED 120V CIRCUIT TO EACH NEW GFI RECEPTACLE AS SHOWN. RECEPTACLES SHALL BE PT TYPE AS NOTED ON LEGEND.

(B) RELOCATE THE EXISTING 100A 3 POLE DISCONNECT SWITCH TO THIS LOCATION BEHIND THE STAGE. PROVIDE TWO EMPTY 6" PVC CONDUITS FROM THE WIREWAY BELOW THE SWITCH UP THROUGH THE STAGE FLOOR WITH CAPS. SEE ENLARGEMENTS PLAN FOR LOCATIONS OF ALL ELECTRICAL ITEMS FOR STAGE..

(C) PROVIDE AN IN-GROUND JUNCTION BOX IN ORDER TO EXTEND THE 100A FEED FROM THE EXISTING 100A DISCONNECT SWITCH LOCATION TO THE NEW LOCATION BEHIND THE STAGE. UNIT SHALL BE QUALZITE Model # PC1212Z80217 12"X12"X12" OR EQUAL.

(D) REMOVE THE 50A 2 POLE, AND 6 120V RECEPTACLES AND BOXES, MOUNTING POSTS AND DISCONNECT SWITCH FROM THIS LOCATION. REMOVE AND RETAIN THE 100A 3 POLE STAINLESS STEEL SWITCH FOR USE BEHIND THE NEW STAGE.

(E) REMOVE THE 120V RECEPTACLES AND BOXES FROM BELOW THIS EXISTING 50A PANEL. RETAIN PANEL D2 TO FEED THE EXISTING IRRIGATION SYSTEM AND TO FEED THE NEW RECEPTACLES. PROVIDE ADDITIONAL 1 POLE 20A CIRCUIT BREAKERS AS REQUIRED. RECEPTACLES SHALL BE PT TYPE PER THE LEGEND.

(F) EXISTING JUNCTION BOX TO REMAIN. EXTEND THE CIRCUITS FROM THE RELOCATED STAGE RECEPTACLES VIA THIS JUNCTION BOX TO THE EXISTING FEED PANEL..

(G) FEED THESE NEW RECEPTACLES FROM THE EXISTING PANEL D2, EACH WITH A DEDICATED CIRCUIT BREAKER .RECEPTACLES SHALL BE PT TYPE PER THE LEGEND.

(H) EXISTING 100A 3 PHASE DISCONNECT SWITCH TO REMAIN AS FEED FOR THE RELOCATED STAGE 100A 3 PHASE SERVICE.

(K) EXISTING PANEL D1 TO REMAIN AS FEED TO OTHER SITE PANELS AND FOR THE STAGE RECEPTACLES.

(L) PROVIDE 120V 1 PHASE FEED TO IN-GROUND JUNCTION BOX FOCUS DBS-66-JB OR EQUAL, FIELD LOCATE PER ENGINEER, FOR FUTURE LIGHTING FIXTURES. PROVIDE TIME CLOCK ON FEED WITH PHOTOCELL.

(M) FEED THESE NEW RECEPTACLES FROM THE EXISTING PANEL D3, EACH WITH A DEDICATED CIRCUIT BREAKER. RECEPTACLES SHALL BE PT TYPE PER THE LEGEND.

PLAN ELECTRICAL NOTES:

1. ALL CONDUITS SHOWN ARE 1" WITH 2-#10 COPPER AND 1-#10 GROUNDING CONDUCTOR UNLESS NOTED OTHERWISE.
2. ALL CONDUITS ARE SCHEDULE 40 PVC, EXCEPT UNDER TRAFFIC BEARING AREAS. TRAFFIC AREAS SHALL BE SCHEDULE 80 PVC.
3. CONDUIT BENDS ARE NOT TO EXCEED 12' RADIUS, EXCEPT FOR 2' RADIUS BENDS AT BOLLARDS AND PANEL.

ELECTRICAL LEGEND

SCALE 0' 10' 20'

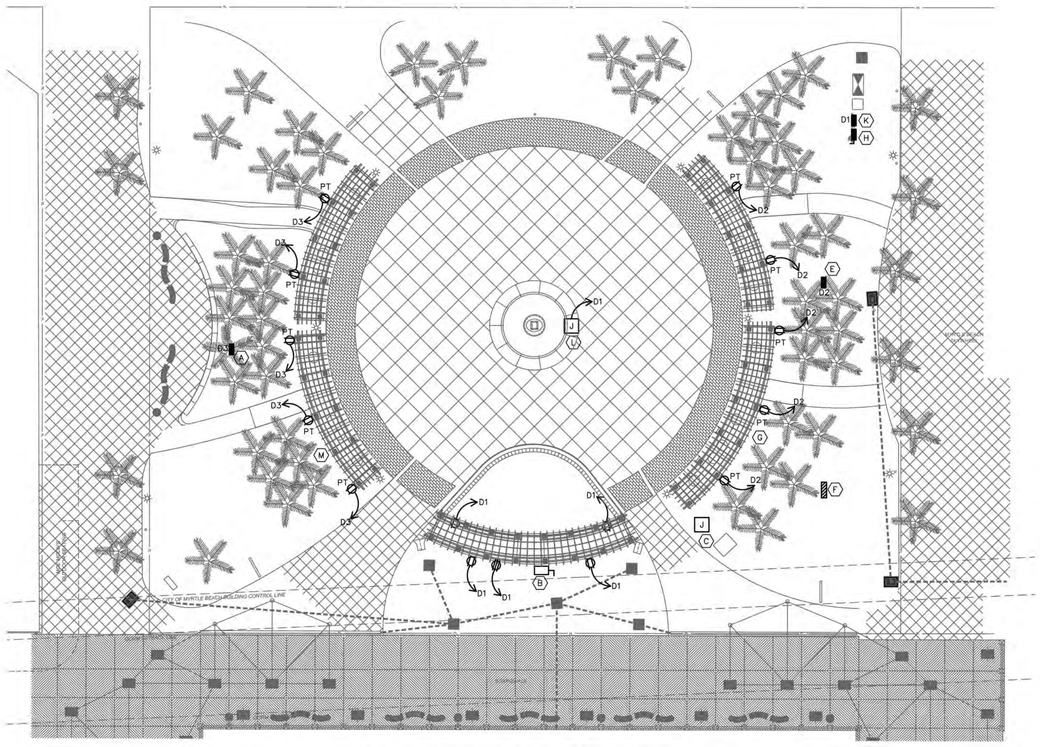
- GFCI DUPLEX RECEPTACLE COMMERCIAL GRADE 20A W/ IN-USE COVER, EMBED INTO CONCRETE
- J — JUNCTION BOX – PER KEY NOTES
- DISCONNECT SWITCH SIZE PER EQUIPMENT REQUIREMENT STAINLESS STEEL
- EXISTING ELECTRICAL PANEL
- D2 — HOME RUN TO PANEL AS NOTED 2 #10 W/ GND. U.N.O. OR AS REQUIRED BY LOAD
- PT — POST MOUNTED GFCI DUPLEX RECEPTACLE COMMERCIAL GRADE 20A FOCUS INDUSTRIES MODEL FA 26 GFIC-BLT-WTX WHITE OR APPROVED EQUAL.
- SINGLE RECEPTACLE COMMERCIAL GRADE 50A W/ IN-USE COVER, EMBED INTO CONCRETE FEED WITH 3 #8 W/GND

GENERAL ELECTRICAL NOTES

1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL ALL MATERIAL AND EQUIPMENT IN A NEAT AND WORKMANLIKE WAY. INSTALLATIONS SHALL COMPLY WITH THE CURRENT EDITION OF THE NATIONAL ELECTRIC CODE (NEC), THE NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION (NECA), AND ANY OTHER LOCAL CODE HAVING JURISDICTION
2. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, AND SUPERVISION NECESSARY TO ACCOMPLISH THE WORK AS SHOWN AND NOTED ON THE DRAWINGS. ANY DEVIATION FROM THE DRAWINGS SHALL BE APPROVED BY THE OWNER OR ENGINEER.
3. ALL WORK SHALL BE COORDINATED WITH THE OTHER TRADES.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS.
5. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL HIS TOOLS, DEBRIS, AND GENERAL CLEANUP FROM HIS WORK.
6. THE ELECTRICAL CONTRACTOR SHALL DO ALL CUTTING AND PATCHING OF BUILDING MATERIALS REQUIRED FOR THE INSTALLATION HIS WORK.
7. UNLESS OTHERWISE NOTED ON THE CONTRACT DOCUMENTS, THE FOLLOWING LIST REPRESENTS THE TYPICAL MOUNTING HEIGHTS REQUIRED FOR THE DEVICES SHOWN.

   A. SWITCHES.....48" AFF
   B. RECEPTACLES.....18" AFF
   C. POWER PANELS (TO TOP).....72" AFF
   D. DISCONNECT SWITCHES (TO TOP).....60" AFF

   THE HEIGHTS INDICATED SHALL BE NOMINAL TO THE BOTTOM OF THE BOX, REQUIRING ONLY ONE BLOCK CUT FOR FLUSH MOUNTED DEVICES. MAINTAIN HEIGHT CONSISTENCY BETWEEN SURFACE AND FLUSH MOUNTED DEVICES.
8. EXACT MOUNTING HEIGHTS AND LOCATIONS OF ALL NEW POWER OUTLETS, DATA OUTLETS, AND TELEPHONE OUTLETS SHALL BE CONFIRMED WITH OWNER, FURNITURE SUPPLIER, AND ARCHITECT BEFORE ROUGH-IN.
9. ALL WIRING SHALL BE RUN CONCEALED IN CEILING, WALLS OR FLOOR SLABS.
10. IN GENERAL, CONDUIT RUNS BETWEEN PULL BOXES SHALL NOT EXCEED THE EQUIVALENT OF TWO 90 DEGREE BENDS AND IN NO CASE EXCEED THREE EQUIVALENT 90 DEGREE BENDS. IN LONG STRAIGHT CONDUIT RUNS LOCATE PULL BOXES AT 100 FOOT INTERVALS. INSTALL ELECTRICAL BOXES AS SHOWN ON DRAWINGS, AND AS REQUIRED FOR SPLICES, TAPS, WIRE PULLING, EQUIPMENT CONNECTIONS, AND REGULATORY REQUIREMENTS. USE CAST BOXES IN MANHOLE AND IN OUTSIDE LOCATIONS.
11. ALL CONDUCTORS TO BE SOFT DRAWN COPPER WITH 600 VOLT INSULATION MINIMUM SIZE TO BE #12 AWG. WIRE SIZED #10 AWG AND SMALLER SHALL BE SOLID COPPER WITH TYPE 'THWN' OR 'THHN' INSULATION. CABLE SIZED #8 AND LARGER SHALL BE STRANDED COPPER WITH TYPE 'THWN' OR 'XHHW' INSULATION EXCEPT WHERE NOTED OTHERWISE. ALL EXTERIOR WIRING SHALL BE INSTALLED IN CONDUIT. COMPLETELY SWAB RACEWAYS BEFORE INSTALLING CONDUCTORS. INTERIOR WIRING MAY BE NMC.
12. PROVIDE CONNECTIONS TO ALL EQUIPMENT, MOTORS, ETC. FURNISHED BY OTHERS TO MAKE A COMPLETE, WORKING INSTALLATION.
13. INSTALL WIRE MARKERS ON EACH CONDUCTOR IN PANELBOARD GUTTERS. PULL BOXES, OUTLET, AND JUNCTION BOXES, AND AT LOAD CONNECTIONS.
    A. USE BRANCH CIRCUIT OR FEEDER NUMBER TO IDENTIFY PULL BOXES POWER AND LIGHTING CIRCUITS.
    B. USE CONTROL WIRE NUMBER AS INDICATED ON SCHEMATIC AND INTERCONNECTION DIAGRAMS TO IDENTIFY CONTROL WIRING.
14. PROVIDE A TYPEWRITTEN PANEL SCHEDULE FOR EACH PANEL USED IN THIS PROJECT.
15. THE ELECTRICAL CONTRACTOR SHALL MAKE ALL NECESSARY TESTS TO INSURE THAT THE ENTIRE INSTALLATION IS FREE FROM IMPROPER GROUNDS AND FROM SHORTED AND/OR OPEN CIRCUITS. VOLTAGE AND CURRENT TESTS SHALL BE MADE BEFORE ANY CIRCUITS ARE PLACED IN OPERATION.
16. IT IS THE INTENT OF THIS SPECIFICATION FOR THE CONTRACTOR TO PROVIDE A COMPLETE AND OPERABLE ELECTRICAL SYSTEM WITHOUT ANY EXCEPTIONS. IN THE UNLIKELY CASE WHERE THESE PLANS AND SPECIFICATIONS SHOW OTHERWISE DUE TO ERRORS OR OMISSIONS THE CONTRACTOR SHALL PROVIDE A LIST OF EXCEPTIONS WITH HIS BID. OTHERWISE, EXTRAS DURING CONSTRUCTION WILL NOT BE ALLOWED IN ORDER TO PROVIDE A COMPLETE AND OPERABLE ELECTRICAL SYSTEM.
17. ALL WIRING MUST BE CONCEALED. DO NOT SURFACE MOUNT ANY CONDUIT.
18. RECEPTACLES SHALL BE TAMPER PROOF WHERE REQUIRED BY NEC SECTION 406.13



2 E1.0 ELECTRICAL PLAN – PROPOSED
SCALE: 1" = 20'-0"

PLOT SCALE: 1:1
PDF FILE: New DOC.dtb

BEST ENGINEERING, LLC
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SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION BEST ENGINEERING NO: C02536

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER NO: 17129 DAWN E. DOZIER

NO.	DATE	REVISION DESCRIPTION	BY
1	12/8/2017	REVISED PER DRAWING CLARIFICATIONS	

ELECTRICAL PLAN

PLYLER PARK
CITY OF MYRTLE BEACH, SOUTH CAROLINA

PREPARED FOR: CITY OF MYRTLE BEACH

SCALE:	1" = 20'
DATE:	NOVEMBER 22, 2017
DESIGNED BY:	BES
DRAWN BY:	BES
APROV. BY:	BES
PROJECT NO.:	16113L

E1.0

FILE NO.:

OCEAN BOULEVARD

PL

CONTRACTOR TO FIELD-LOCATE EXISTING IRRIGATION ROUTE BETWEEN ALLEY TREE GRATES. CONTRACTOR TO REPAIR EXISTING IRRIGATION, AS NEEDED, AND INCORPORATE INTO THE NEW IRRIGATION SYSTEM. COORDINATE WITH CITY OF MYRTLE BEACH PRIOR TO AND DURING INSTALLATION.

SEE GRADING, DRAINAGE & CONDUIT PLAN FOR CONDUIT LOCATIONS, TYP

EXISTING WATER SOURCE, COORDINATE WITH CITY OF MYRTLE BEACH PRIOR TO AND DURING INSTALLATION

SEE GRADING, DRAINAGE & CONDUIT PLAN FOR CONDUIT LOCATIONS, TYP

1PP

1" 1½" 1"

1 1" 15.0

2 1" 15.0

3 1" 15.0

4 1" 15.0

5 1" 10.6

6 1" 15.0

7 1" 21.0

8 1" 15.0

9 1" 15.0

NOTE: CONTRACTOR TO INSTALL COMPLETE IRRIGATION SYSTEM, AS SHOWN. IRRIGATION TUBING FOR DRIP ZONES SHALL BE INSTALLED AT A LATER DATE AND IS NOT PART OF THIS CONTRACT.

COORDINATE WITH CITY OF MYRTLE BEACH FOR EXACT LOCATION OF IRRIGATION CONTROLLER.

C 1"S

CONTRACTOR TO FIELD-LOCATE EXISTING IRRIGATION ROUTE BETWEEN ALLEY TREE GRATES. CONTRACTOR TO REPAIR EXISTING IRRIGATION, AS NEEDED, AND INCORPORATE INTO THE NEW IRRIGATION SYSTEM. COORDINATE WITH CITY OF MYRTLE BEACH PRIOR TO AND DURING INSTALLATION.

MYRTLE BEACH SKYWHEEL

SEE GRADING, DRAINAGE & CONDUIT PLAN FOR CONDUIT LOCATIONS, TYP

SEE GRADING, DRAINAGE & CONDUIT PLAN FOR CONDUIT LOCATIONS, TYP

NICE MOON'S OUTDOOR SEATING

CITY OF MYRTLE BEACH BUILDING CONTROL LINE

OCRM SETBACK LINE

OCRM BASE LINE

BOARDWALK

SCALE
0' 5' 10'

PCP FILE: New DDC.ctb

PLOT SCALE: 1:1

L:\16\16113L-Plyler Park\E\16113-IRR.dwg, IRR, 12/8/2017 9:41:32 AM, 24x36, 1:1

DDC ENGINEERS®

Consulting Engineers, Surveyors, Planners, Landscape Architects & Environmentalists
1298 Professional Dr., Myrtle Beach, SC 29577
Phone: (843) 692-3200 Fax: (843) 692-3210

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
DDC ENGINEERS, INC.
No. C00036

ATLANTIC IRRIGATION

NO.	DATE	REVISION DESCRIPTION	BY
1	12/8/2017	REVISED PER DRAWING CLARIFICATIONS	JLB

IRRIGATION PLAN

PLYLER PARK
CITY OF MYRTLE BEACH, SOUTH CAROLINA
PREPARED FOR: CITY OF MYRTLE BEACH

SCALE:	1" = 10'
DATE:	NOVEMBER 22, 2017
DESIGNED BY:	
DRAWN BY:	
APROV. BY:	
PROJECT NO.:	16113L

IRR1

FILE NO.:

IRRIGATION_SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
(8) 08HE-VAN (12) 12HE-VAN (10) 10HE-VAN (15) 15HE-VAN	Rain Bird 1806 ADJ Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet.
B Y A	Hunter MP3000 PROS-06-PRS40-CV (2) Turf Rotator, 6" (15.24 cm) pop-up with factory installed check valve, pressure regulated to 40 psi (2.76 bar), MP Rotator nozzle on PRS40 body. B=Blue adj arc 90-210, Y=Yellow adj arc 210-270, A=Gray 360 arc.
T	Hunter MP Corner PROS-06-PRS40-CV (2) Turf Rotator, 6" (15.24cm) pop-up with factory installed check valve, pressure regulated to 40 psi (2.76 bar), MP Rotator nozzle on PRS40 body. T=Turquoise adj arc 45-105.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	Rain Bird XCZ-100-PRF 1" Medium Flow Drip Control Kit, 1" DV valve, 1" pressure regulating filter, 40psi pressure regulator. 3gpm - 15gpm.
	Pipe Transition Point

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	Rain Bird PGA Globe 1" 1", 1-1/2", 2" Electric Remote Control Valve, Globe.
	Rain Bird 44RC Quick Coupler Valve 1", 2-Piece Body. Install in landscape area max. 3' from edge of concrete walk.
	Shut Off Valve
	Recessed 1" hose bib mounted on a swing-joint in 12" Valve-Box. Install in landscape area max. 3' from edge of concrete walk.
C	Rain Bird ESP8LXME 12 Station Capable Commercial Controller. Without flow sensor. Coordinate with City of Myrtle Beach for mounting location.
BF	Zurn 950XL 1" Double Check Valve Assembly
rs	Rain Bird RSD-BEx Rain Sensor, with metal latching bracket, extension wire.
	Existing Water Source of 30 GPM at 60 PSI
----------	Irrigation Lateral Line: PVC Class 200 SDR 21 Sized on plan
— — — —	Irrigation Mainline: PVC Class 200 SDR 21 Sized on plan

NOTE: Pipe Sleeve to be PVC Schedule 40 located and sized on Grading, Drainage & Conduit Plan Irrigation Lateral Lines and Mainline locations, as shown, are schematic and should be adjusted to fit locations of conduit in the field.

VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	GPM	HEADS	PIPE	WIRE	DESIGN PSI	FRICTION LOSS	VALVE LOSS	PSI	PSI @ POC	PRECIP
1	Rain Bird XCZ-100-PRF	1"	Area for Dripline	15.00		6.4		20	0.05	15.50	35.55	36.14	0.85 in/h
2	Rain Bird XCZ-100-PRF	1"	Area for Dripline	15.00		6.0		20	0.05	15.50	35.55	36.37	0.85 in/h
3	Rain Bird XCZ-100-PRF	1"	Area for Dripline	15.00		5.7		20	0.11	10.86	30.96	31.27	0.85 in/h
4	Rain Bird XCZ-100-PRF	1"	Area for Dripline	15.00		6.2		20	0.06	15.50	35.56	36.36	0.85 in/h
5	Rain Bird PGA Globe	1"	Turf Rotary	10.58	11	191.9		30	0.09	5.91	36.00	36.17	0.55 in/h
6	Rain Bird XCZ-100-PRF	1"	Area for Dripline	15.00		6.5		20	0.24	15.50	35.74	35.96	0.85 in/h
7	Rain Bird PGA Globe	1"	Turf Spray	21.03	18	224.7		30	1.01	6.04	37.05	37.36	1.19 in/h
8	Rain Bird XCZ-100-PRF	1"	Area for Dripline	15.00		75.0		20	0.15	11.06	31.22	31.29	0.85 in/h
9	Rain Bird XCZ-100-PRF	1"	Area for Dripline	15.00		6.3		20	0.20	15.50	35.70	35.82	0.85 in/h

WATERING SCHEDULE

NUMBER	MODEL	TYPE	PRECIP	IN./WEEK	MIN./WEEK	GAL./WEEK
1	Rain Bird XCZ-100-PRF	Area for Dripline	0.85 in/h	1	71	1,374
2	Rain Bird XCZ-100-PRF	Area for Dripline	0.85 in/h	1	71	1,419
3	Rain Bird XCZ-100-PRF	Area for Dripline	0.85 in/h	1	71	829.4
4	Rain Bird XCZ-100-PRF	Area for Dripline	0.85 in/h	1	71	1,446
5	Rain Bird PGA Globe	Turf Rotary	0.55 in/h	1	109	1,154
6	Rain Bird XCZ-100-PRF	Area for Dripline	0.85 in/h	1	71	1,200
7	Rain Bird PGA Globe	Turf Spray	1.19 in/h	1	51	1,073
8	Rain Bird XCZ-100-PRF	Area for Dripline	0.85 in/h	1	71	840.0
9	Rain Bird XCZ-100-PRF	Area for Dripline	0.85 in/h	1	71	1,081
TOTALS:					657	10,416

CRITICAL ANALYSIS

P.O.C. NUMBER: 01
Water Source Information:

FLOW AVAILABLE	
Custom Max Flow:	30.00 gpm
Flow Available:	30.00 gpm
PRESSURE AVAILABLE	
Static Pressure at POC:	60.00 psi
Pressure Available:	60.00 psi
DESIGN ANALYSIS	
Maximum Station Flow:	21.03 gpm
Flow Available at POC:	30.00 gpm
Residual Flow Available:	8.97 gpm
Pressure Req. at Critical Station:	37.05 psi
Loss for Fittings:	0.07 psi
Loss for Main Line:	0.65 psi
Loss for POC to Valve Elevation:	0.00 psi
Loss for Backflow:	0.00 psi
Critical Station Pressure at POC:	37.77 psi
Pressure Available:	60.00 psi
Residual Pressure Available:	22.23 psi

Maximum Total Feet of Tubing Per Control Zone @ 15 GPM			
.6 GPH 12"	.6 GPH 18"	.9 GPH 12"	.9 GPH 18"
1500'	2238'	1000'	1500'

Flow Rate (GPM) per 100' of Tubing		
Emitter Flow GPH	Flow (GPM) per 100' Tubing Emitter Spacing Inches	
	12"	18"
0.6	1.0 GPM	.67 GPM
0.9	1.5 GPM	1.0 GPM

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No. C00036
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ATLANTIC IRRIGATION

NO.	DATE	REVISION DESCRIPTION	BY
1	12/6/2017	REVISED PER DRAWING CLARIFICATIONS	JLB

IRRIGATION NOTES

PLYLER PARK
CITY OF MYRTLE BEACH, SOUTH CAROLINA

PREPARED FOR: CITY OF MYRTLE BEACH

SCALE:	1" = 10'
DATE:	NOVEMBER 22, 2017
DESIGNED BY:	
DRAWN BY:	
APROV. BY:	
PROJECT NO.:	16113L

IRR2

FILE NO.:

PLOT FILE: New (DDC).ctb
PLOT SCALE: 1:1