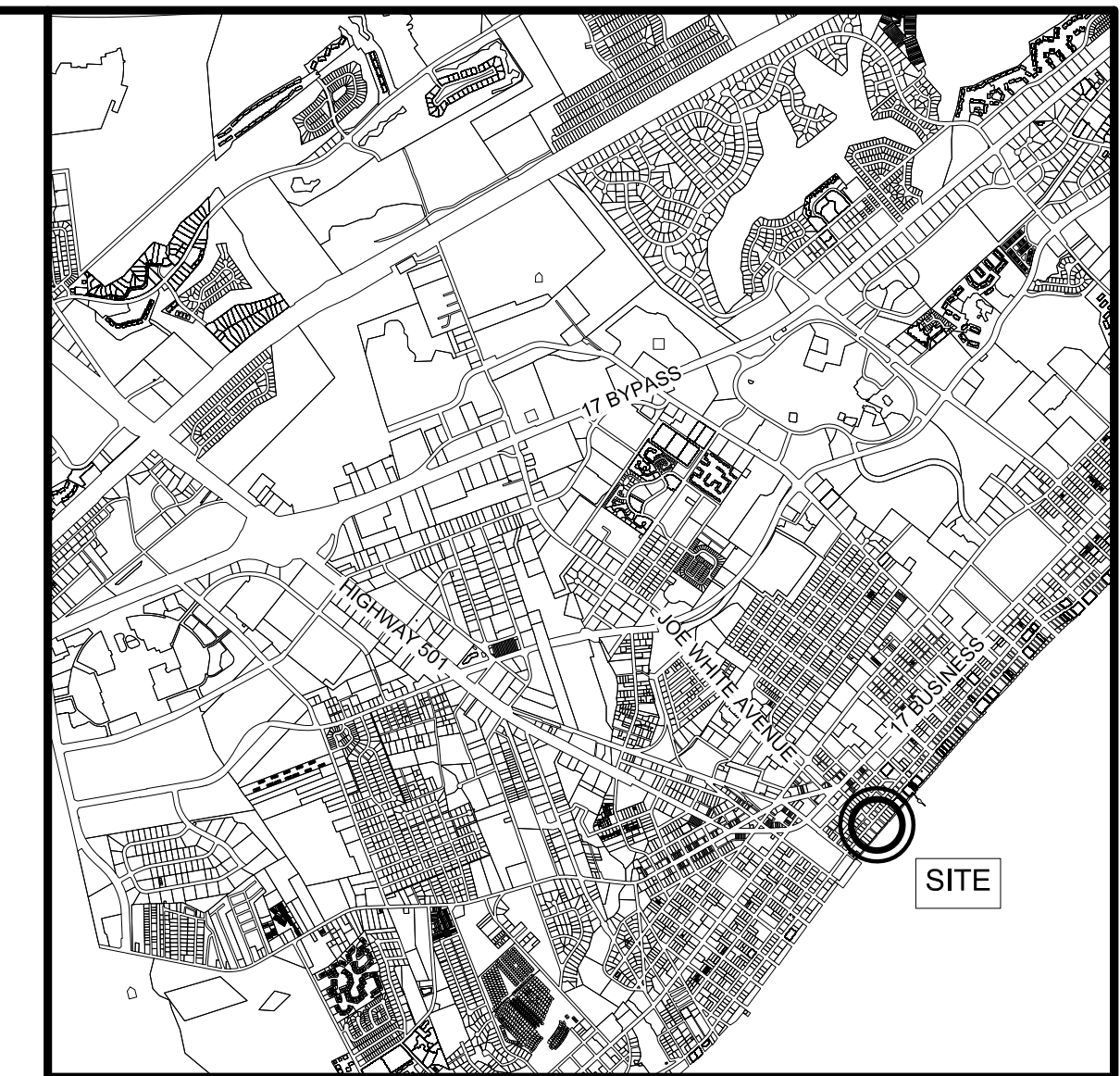
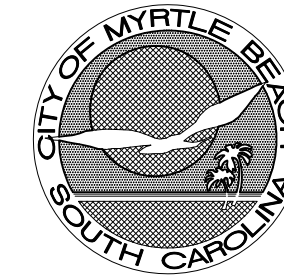


Construction Plans

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

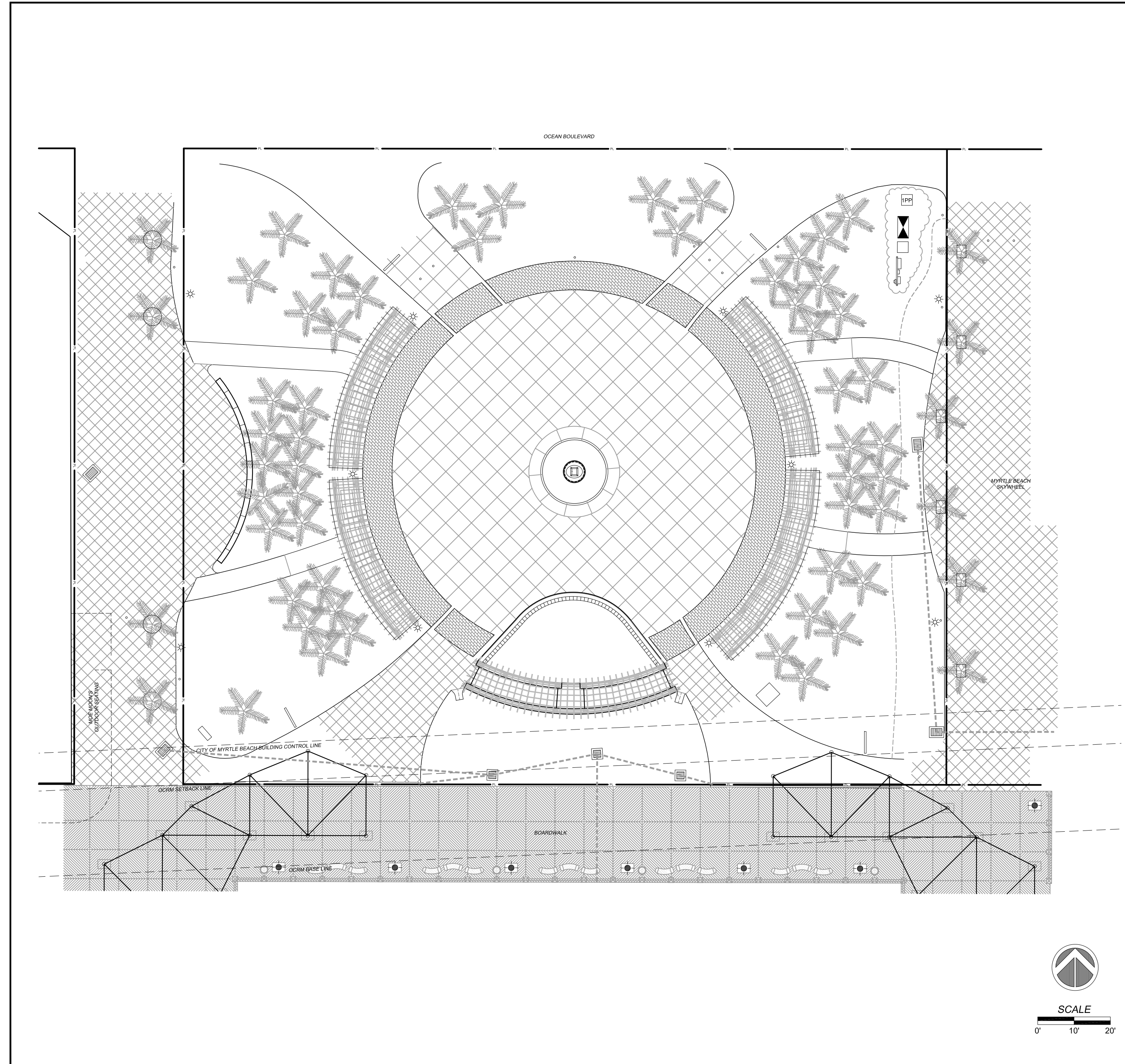
- ALL DIRECTIONS AND REQUIREMENTS LISTED BELOW SHALL BE CONSIDERED AS DIRECTLY APPLICABLE TO THE CONTRACTOR, AS HIS/HER SOLE RESPONSIBILITY UNDER THE CONTRACT. IN ADDITION, THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE ACTION OR INACTION OF ALL OF HIS/HER SUPPLIERS, VENDORS, SUBCONTRACTORS, ETC., WHO SHALL ALSO COMPLY WITH ALL THE REQUIREMENTS OF THESE DOCUMENTS.
- 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.
- 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.
- 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.
- CONTRACTOR SHALL BE RESPONSIBLE FOR TIMELY SCHEDULING, COORDINATION AND COOPERATION WITH THE OWNER, THE LANDSCAPE ARCHITECT, ARCHITECT, ENGINEER, TESTING AGENT, UTILITY COMPANIES AND ALL OTHER CONTRACTORS/SUBCONTRACTORS THROUGHOUT THE CONSTRUCTION PROCESS.
- 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(ES) 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.
- THE CONTRACTOR SHALL SUBMIT A CONSTRUCTION STAGING PLAN, AS WELL AS A CONSTRUCTION SCHEDULE, TO THE OWNER AND ENGINEER PRIOR TO CONSTRUCTION.
- 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.
- THREE DAYS BEFORE DIGGING IN SOUTH CAROLINA, CALL 1-888-721-7877, PALMETTO UTILITY LOCATION SERVICE.
- ALL WORK SHALL BE PERFORMED WITHOUT TRESPASS ONTO ADJACENT PROPERTIES.
- 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 AND SHALL BE PROVIDED, IN NEAT AND LEGIBLE FORM, AS EVIDENCE TO THE ENGINEER AS PART OF THE MONTHLY PAY REQUEST. PAY REQUESTS WILL NOT BE REVIEWED OR APPROVED BY THE ENGINEER IF THIS DATA IS NOT SUBMITTED WITH THE PAY REQUEST. CONTRACTOR SHALL PROVIDE NEAT AND LEGIBLE RECORD DRAWINGS TO THE ENGINEER AT THE COMPLETION OF THE PROJECT.
- 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.
- 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

- 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.
- ALL DIMENSIONS SHALL BE ASSUMED TO BE TAKEN PERPENDICULAR TO THE WORK, UNLESS SPECIFICALLY NOTED OR CONVENTION DICTATES OTHERWISE.
- DIMENSIONS TO SITE WALLS, MASONRY PIERS AND OTHER SIMILAR STRUCTURES ARE TAKEN FROM THE FACE OF THE WALL/PIER/STRUCTURE, MEASURED 12" ABOVE FINISHED GRADE, UNLESS SPECIFICALLY NOTED OTHERWISE.
- 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.
- 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.
- ALL HORIZONTAL SURFACES SHALL MEET FLUSH, UNLESS SPECIFICALLY NOTED OTHERWISE.
- WHERE SPOT ELEVATIONS AND/OR CONTOURS ARE GIVEN, PROVIDE CONSTANT SLOPE BETWEEN INDIVIDUAL SPOTS/CONTOURS, UNLESS SPECIFICALLY NOTED OTHERWISE.
- MINIMUM SLOPE ON CONCRETE SURFACES SHALL BE 0.5%. WHERE CONTOURS AND/OR SPOT ELEVATIONS GIVEN WILL RESULT IN LESS THAN THIS SLOPE, NOTIFY ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH THE WORK.
- MINIMUM SLOPE ON LAWN OR PLANTED SURFACES SHALL BE 1.0%. WHERE CONTOURS AND/OR SPOT ELEVATIONS GIVEN WILL RESULT IN LESS THAN THIS SLOPE, NOTIFY ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH THE WORK.
- MAXIMUM SLOPE ON LAWN OR PLANTED SURFACES SHALL BE 3:1. WHERE CONTOURS AND/OR SPOT ELEVATIONS GIVEN WILL RESULT IN MORE THAN THIS SLOPE, NOTIFY ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH THE WORK.
- 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.
- ANY EXISTING IRRIGATION SYSTEM SHALL BE REMOVED IF IN THE WAY OF THE WORK; OTHERWISE, EXISTING IRRIGATION SYSTEM MAY BE ABANDONED IN PLACE.
- RAMPS SHALL BE STABLE, FIRM AND SLIP RESISTANT AND SHALL COMPLY WITH ICC / ANSI A117.1-2003, SECTIONS 405.4, 302.1, AND 405.10.
- SLOPE RUN AND CROSS SLOPE OF RAMPS AND HANDICAPPED SIDEWALKS SHALL COMPLY WITH ICC / ANSI A117.1-2003, SECTIONS 405.2 AND 405.3 (MAX. 2% CROSS SLOPE).

DEMOLITION NOTES

- 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.
- 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.
- EXISTING SITE FURNITURE, INCLUDING BUT NOT LIMITED TO BENCHES, TRASHCANS AND CIGARETTE RECEPTACLES, SHALL BE TURNED OVER TO THE CITY OF MYRTLE BEACH. COORDINATE WITH THE CITY OF MYRTLE BEACH.
- 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.
- 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.
- UNLESS NOTED OTHERWISE, ALL ITEMS TO BE DEMOLISHED/REMOVED SHALL BE COMPLETELY DEMOLISHED AND REMOVED, INCLUDING ALL FOUNDATIONS AND FOOTERS. DISCONNECTED UTILITIES MAY BE ABANDONED IN PLACE ONLY IF SPECIFICALLY NOTED ON PLANS.
- LIMITS OF DEMOLITION SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL PERFORM ALL DEMOLITION OF EXISTING CONDITION NECESSARY TO CONSTRUCT THE PROJECT AS SHOWN ON THE DRAWINGS.
- ALL MATERIAL DEMOLISHED SHALL BE CONSIDERED PROPERTY OF THE CONTRACTOR, UNLESS SPECIFICALLY NOTED OTHERWISE.
- ALL REMOVED/DEMOLISHED MATERIALS SHALL BE HAULED OFF SITE AND DISPOSED OF PROPERLY. COST OF DISPOSAL SHALL BE BORNE BY THE CONTRACTOR.
- REMOVAL OF EXISTING VEGETATION: CONTRACTOR SHALL REMOVE ALL VEGETATION EXISTING THROUGHOUT THE LIMITS OF THE PROJECT, REGARDLESS OF WHETHER SHOWN OR NOTED ON THE DRAWINGS, EXCEPT WHERE VEGETATION IS SPECIFICALLY NOTED TO REMAIN. COORDINATE WITH CITY OF MYRTLE BEACH PRIOR TO REMOVAL.
- REMOVAL OF MISCELLANEOUS, MINOR ITEMS: CONTRACTOR SHALL REMOVE ALL MISCELLANEOUS MINOR ITEMS (SUCH AS SAND FENCES, POSTS, SIGNS, FOUNDATIONS, ETC) EXISTING THROUGHOUT THE LIMITS OF THE PROJECT, REGARDLESS OF WHETHER SHOWN OR NOTED ON DRAWINGS, EXCEPT WHERE ITEM IS SPECIFICALLY NOTED TO REMAIN. COORDINATE WITH CITY OF MYRTLE BEACH PRIOR TO REMOVAL.



OVERALL PLAN

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

REVISION OCCURRENCE LIST			
REVISION NO.	DATE	REVISION DESCRIPTION	BY

THIS SET IS CURRENT THROUGH SHEET DATED - NOVEMBER 22, 2017

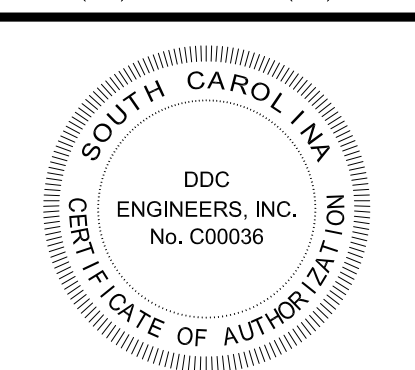
3 DAYS BEFORE DIGGING IN
SOUTH CAROLINA
CALL 811
www.sc811.org
PALMETTO UTILITY LOCATION SERVICE

SOUTH CAROLINA
REGISTERED PROFESSIONAL ENGINEERS
DDC ENGINEERS, INC.
No. C00036

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



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NOTES:
CONTRACTOR SHALL TAKE EXTREME CARE TO PROTECT EXISTING CONCRETE PAVING / PAVERS, STRUCTURES AND PLANT MATERIAL TO REMAIN THROUGHOUT DURATION OF PROJECT.
CONTRACTOR SHALL DISPOSE OF ALL REMOVED MATERIAL OFF-SITE, EXCEPT WHERE NOTED TO BE TURNED OVER TO THE CITY OF MYRTLE BEACH.
NOT ALL UTILITIES ARE SHOWN ON DRAWINGS.
REFER TO COVER SHEET FOR ADDITIONAL PROJECT NOTES & REQUIREMENTS.

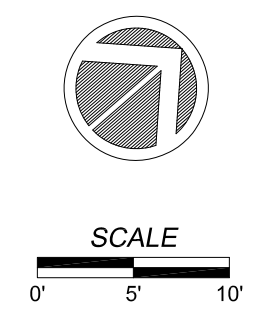
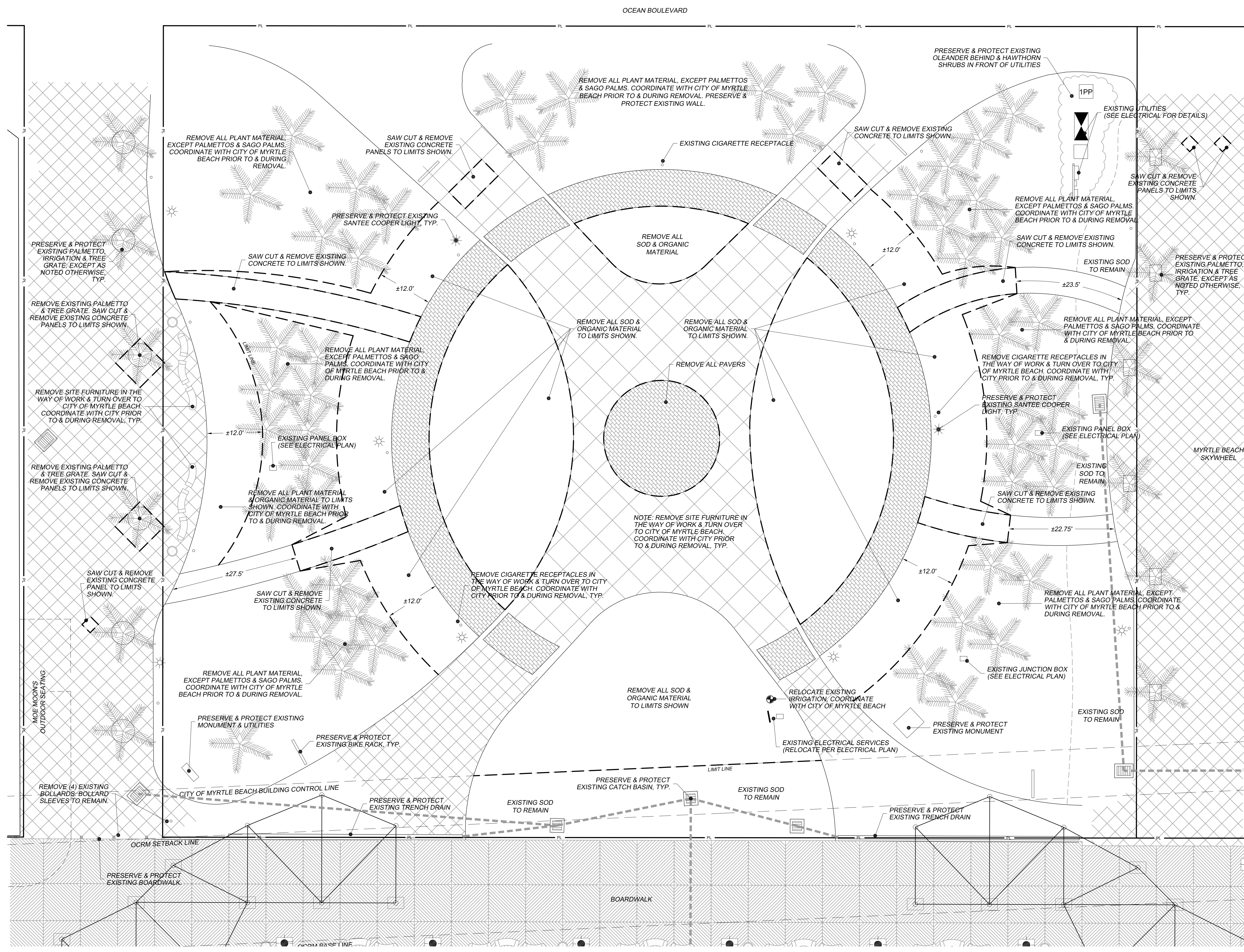
NO.	DATE	REVISION DESCRIPTION	BY

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:
APPROV. BY:
PROJECT NO.: 16113L

C1

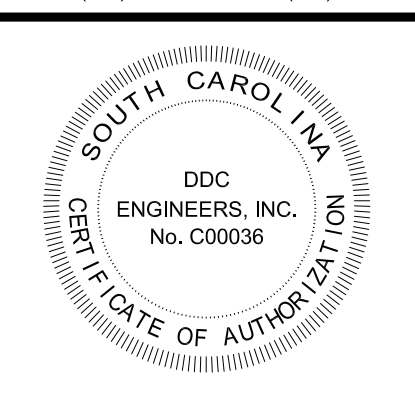
FILE NO.:



PDP FILE: 16113L.DWG
PLOT SCALE: 1:1



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

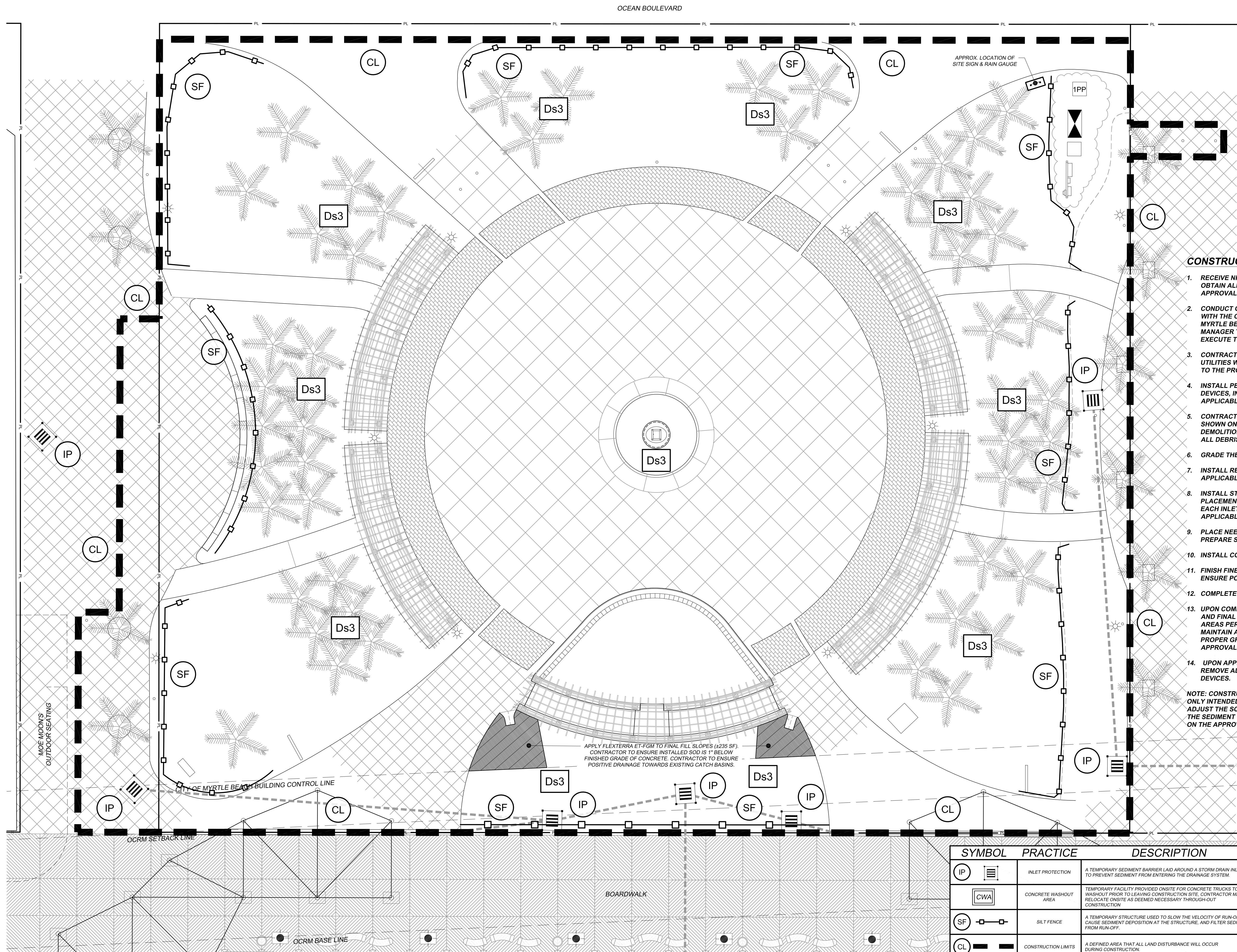


NO.	DATE	REVISION DESCRIPTION	BY

NO.	DATE	REVISION DESCRIPTION	BY

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:
 APPROV. BY:
 PROJECT NO.: 16113L
C2
 FILE NO.:

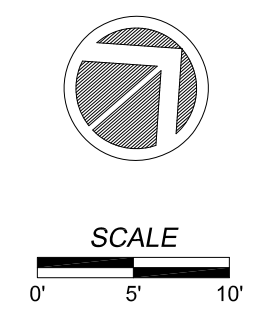


CONSTRUCTION SEQUENCE:

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 LANDSCAPE PLAN, WATER AND MAINTAIN ALL LANDSCAPED AREAS TO ENSURE PROPER GROUND COVERAGE 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 THROUGHOUT 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.
D3s3	DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION)	ESTABLISHING PERMANENT VEGETATIVE COVER SUCH AS TREES, SHRUBS, VINES, GRASSES, SOD, OR LEGUMES ON DISTURBED AREAS. SEE LANDSCAPE PLAN.

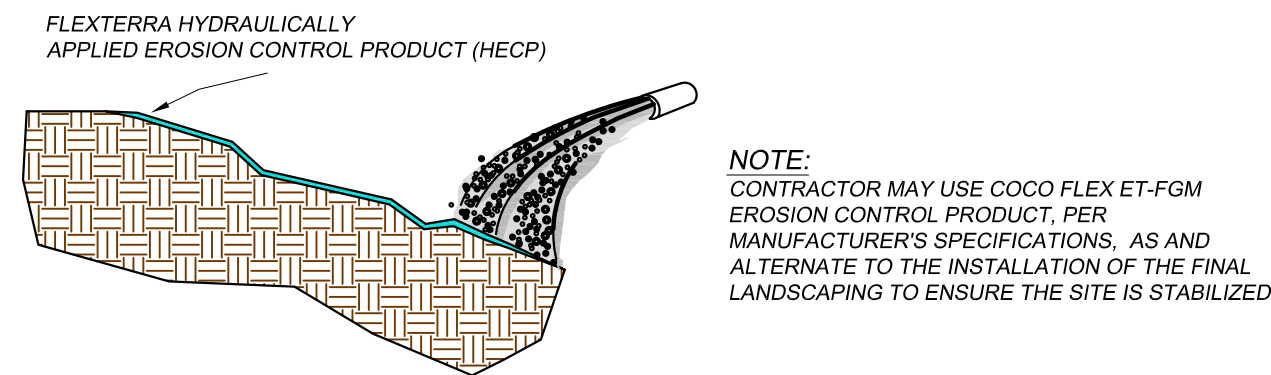


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EROSION CONTROL NOTES:

- TOTAL DEVELOPMENT AREA : ±0.86 ACRES
- DISTURBED AREA THIS PHASE: ±0.74 ACRES
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- ALL WATERS OF THE STATE (W/S), 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 W/S. A 10 FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL W/S.
- 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.
- 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.
- 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.
- MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.
- 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.
- 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.
- 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.
- 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.
- 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.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL SILT BARRIERS AND SEDIMENT CONTROL INSTALLATIONS DURING CONSTRUCTION UNTIL THE COMPLETION OF THE SITE DEVELOPMENT.
- 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 CONTRACTOR'S 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.
- 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.
- 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.
- 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.
- 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.
- ALL STOCKPILE TO BE PROTECTED WITH SILT FENCE.
- ALL CONCRETE TO BE WASHED OUT IN AN APPROVED AREA.

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



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, cut 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:

- Step One: Apply fertilizer with specified prescriptive agronomic formulations and 50% of seed with a small amount of (HECP) for visual metering.
- 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.

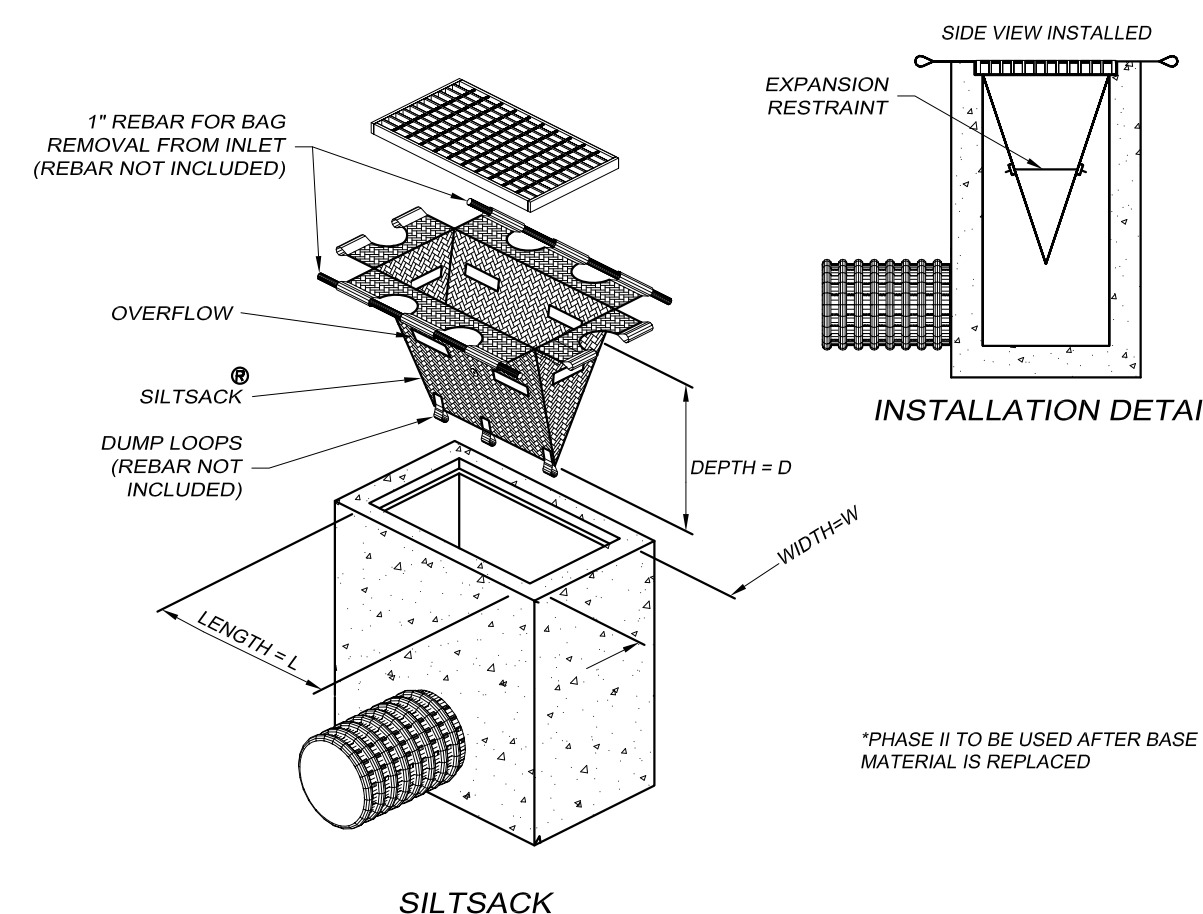
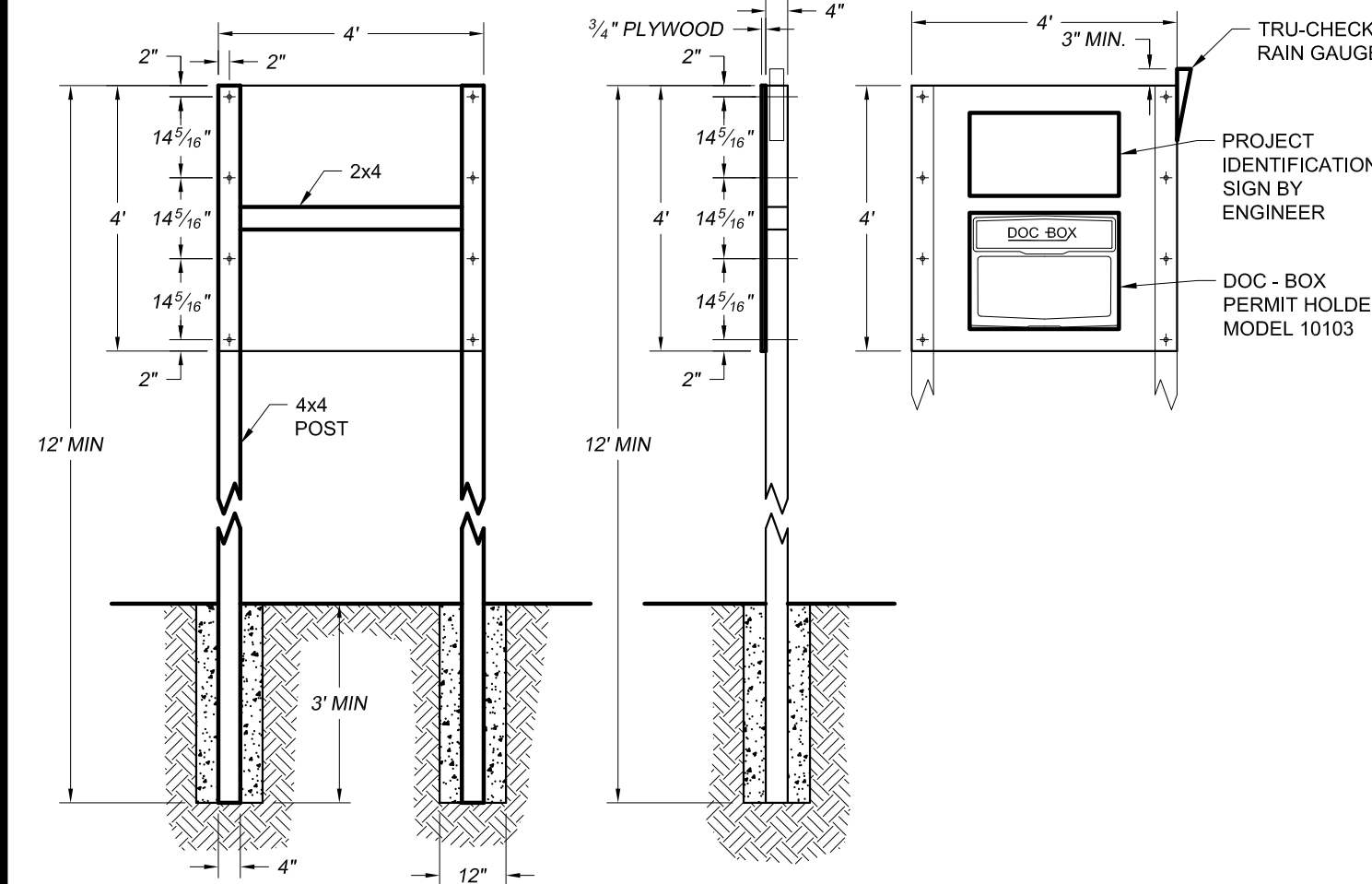
APPLICATION RATES: These application rates are for standard conditions. Designers may wish to reduce rates to encourage faster vegetation establishment or may need to increase application rates on rough surfaces. Consult application and loading charts to determine number of bags to be added for desired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



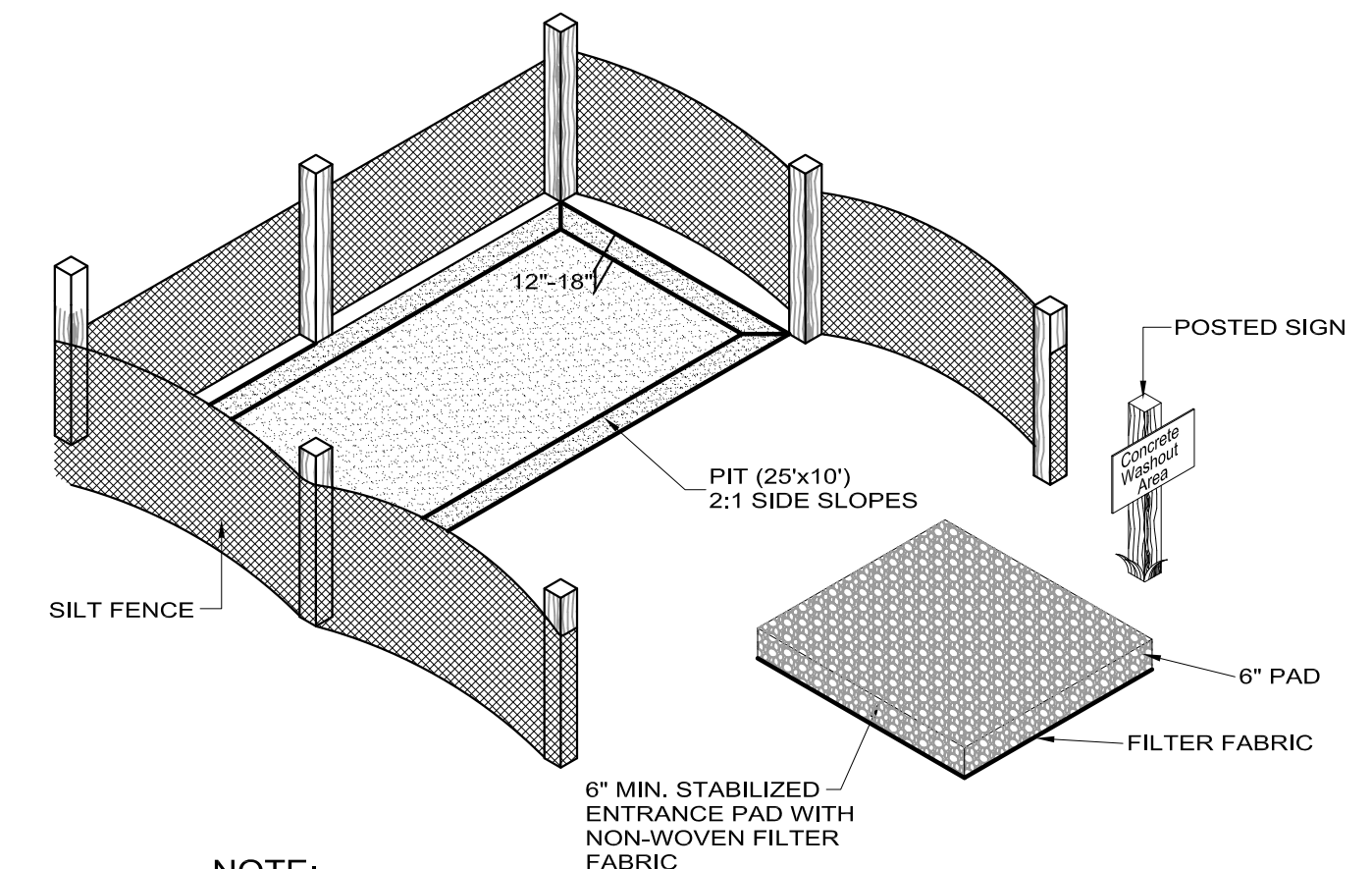
DISTURBED AREA STABILIZATION

SCALE: N.T.S.



PHASE II INLET PROTECTION

SCALE: N.T.S.



NOTE:

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

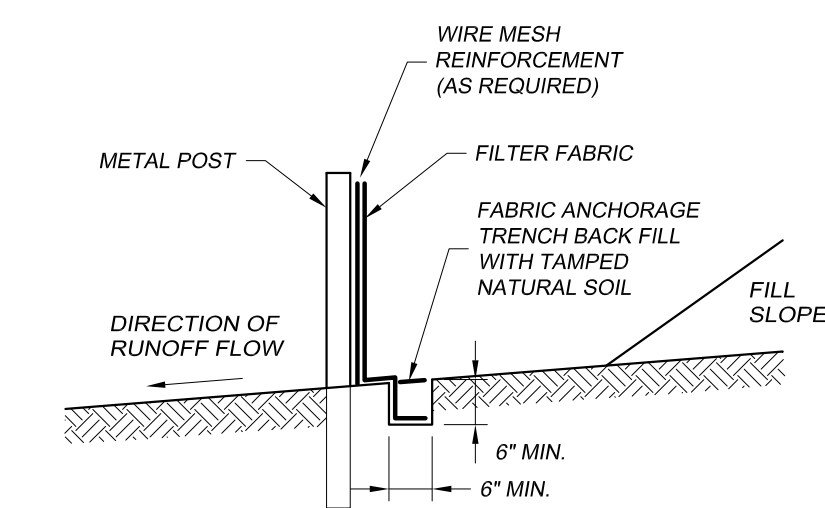
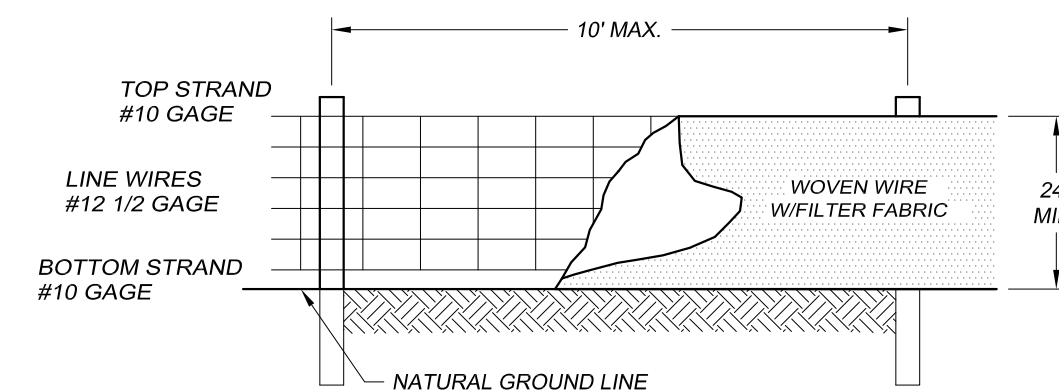
CONTRACTOR TO MAINTAIN PROPER CONSTRUCTION OF WASH-OUT FACILITY FOR THE DURATION OF THE PROJECT.

CONTRACTOR MAY RELOCATE ON SITE IF NEEDED.



CONCRETE WASHOUT AREA

SCALE: N.T.S.



SILT FENCE NOTES:

- 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\"/>
- STEEL POST MUST BE USED. STEEL POST SHALL BE A MINIMUM OF 5\"/>

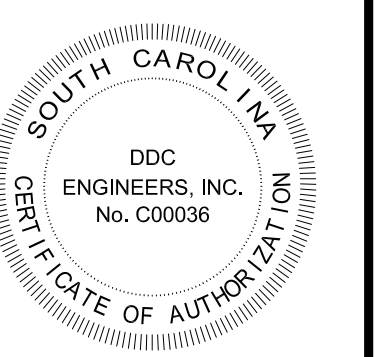


CONSTRUCTION OF A SILT FENCE

SCALE: N.T.S.



Consulting Engineers, Surveyors, Planners, Landscape Architects & Environmentalists
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Phone: (843) 692-3200 Fax: (843) 692-3210



NO.	DATE	REVISION DESCRIPTION	BY

SEDIMENT & EROSION CONTROL DETAILS
PLYLER PARK
CITY OF MYRTLE BEACH, SOUTH CAROLINA
PREPARED FOR: CITY OF MYRTLE BEACH

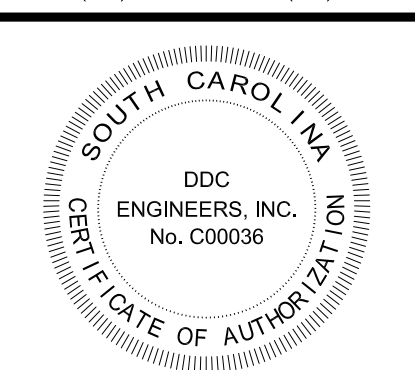
SCALE:	N/A
DATE:	NOVEMBER 22, 2017
DESIGNED BY:	
DRAWN BY:	
APPROV. BY:	
PROJECT NO.:	16113L
C3	
FILE NO.:	

PDP FILE: New DDC 08

PDP SCALE: 1:1



DDC ENGINEERS, INC. No. C00036
Consulting Engineers, Surveyors, Planners, Landscape Architects & Environmentalists
1298 Professional Dr., Myrtle Beach, SC 29577
Phone: (843) 692-3200 Fax: (843) 692-3210



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

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

FOLLOWING REMOVAL OF ALL PLANT MATERIAL, AS SHOWN ON THE EXISTING CONDITIONS / DEMOLITION PLAN, CONTRACTOR SHALL INFILL LANDSCAPE AREAS WITH SUITABLE MATERIAL AND RETURN TO SMOOTH GRADE. SUITABLE MATERIAL SHALL BE CAPABLE OF SUPPORTING PLANT LIFE AND BLEND WITH EXISTING.

NOT ALL UTILITIES ARE SHOWN ON DRAWINGS.

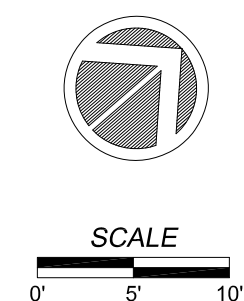
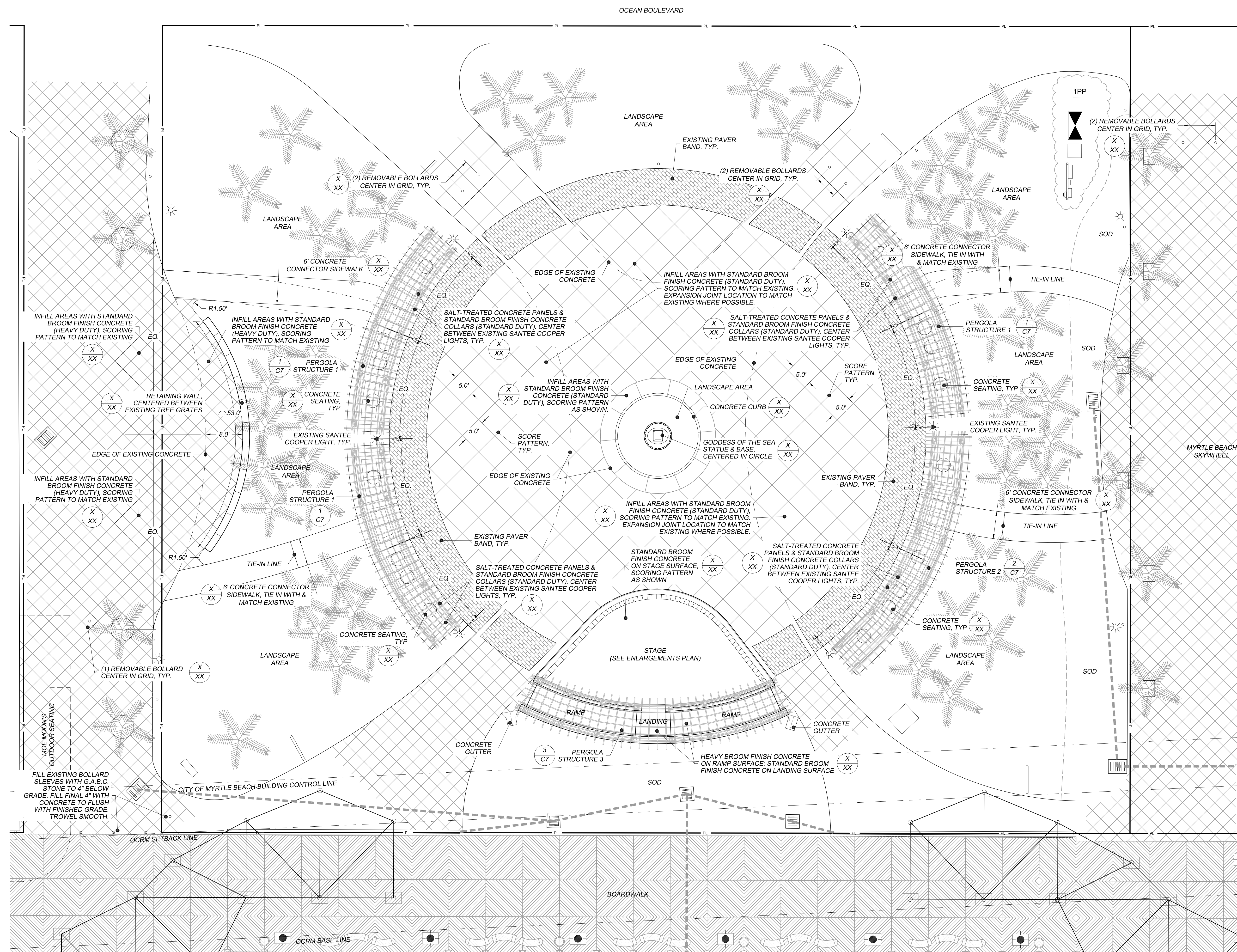
REFER TO COVER SHEET FOR ADDITIONAL PROJECT NOTES & REQUIREMENTS.

NO.	DATE	REVISION DESCRIPTION	BY

COMPONENT IDENTIFICATION & LAYOUT PLAN
 PLYLER PARK
 CITY OF MYRTLE BEACH, SOUTH CAROLINA
 PREPARED FOR: CITY OF MYRTLE BEACH

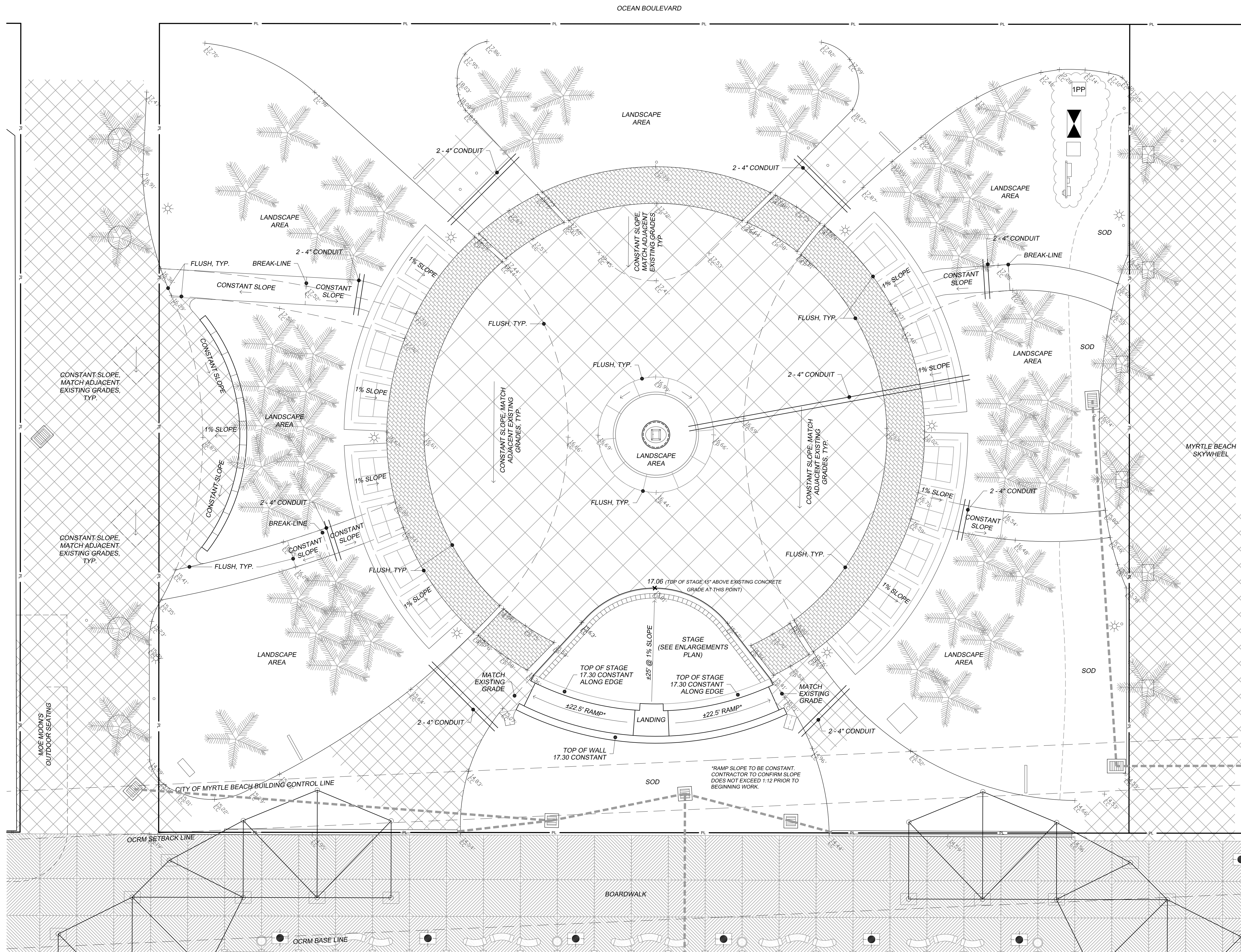
SCALE:	1" = 10'
DATE:	NOVEMBER 22, 2017
DESIGNED BY:	
DRAWN BY:	
APPROV. BY:	
PROJECT NO.:	16113L
C4	

FILE NO.:



PDP FILE: New DDC.dwg

PLOT SCALE: 1:1



NOTES:

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

CONTRACTOR TO FIELD-VERIFY ALL EXISTING SPOT ELEVATIONS PRIOR TO CONSTRUCTION.

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

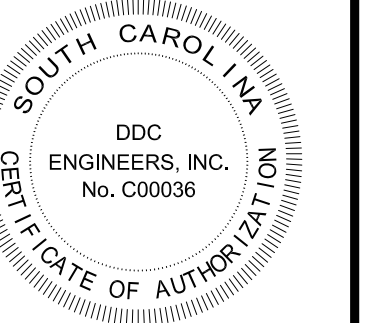
EXISTING CONDUIT IS LOCATED THROUGHOUT THE PARK. CONTRACTOR MAY UTILIZE EXISTING CONDUIT, IF EMPTY AND WITH PERMISSION FROM THE OWNER. EXISTING CONDUIT, IF IN USE, MAY NOT BE UTILIZED.

NOT ALL UTILITIES ARE SHOWN ON DRAWINGS.

REFER TO COVER SHEET FOR ADDITIONAL PROJECT NOTES & REQUIREMENTS.



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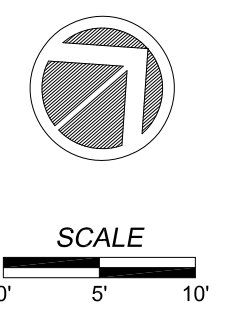


NO.	DATE	REVISION DESCRIPTION	BY

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

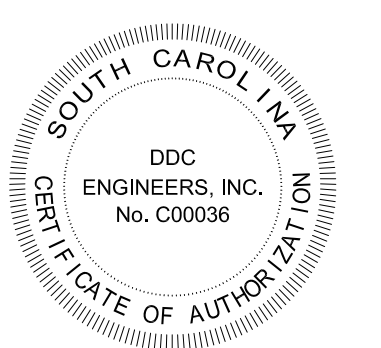
C5
 FILE NO.:



PDP FILE: New DDC.dwg
 PLOT SCALE: 1:1



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 1298 Professional Dr., Myrtle Beach, SC 29577
 Phone: (843) 692-3200 Fax: (843) 692-3210



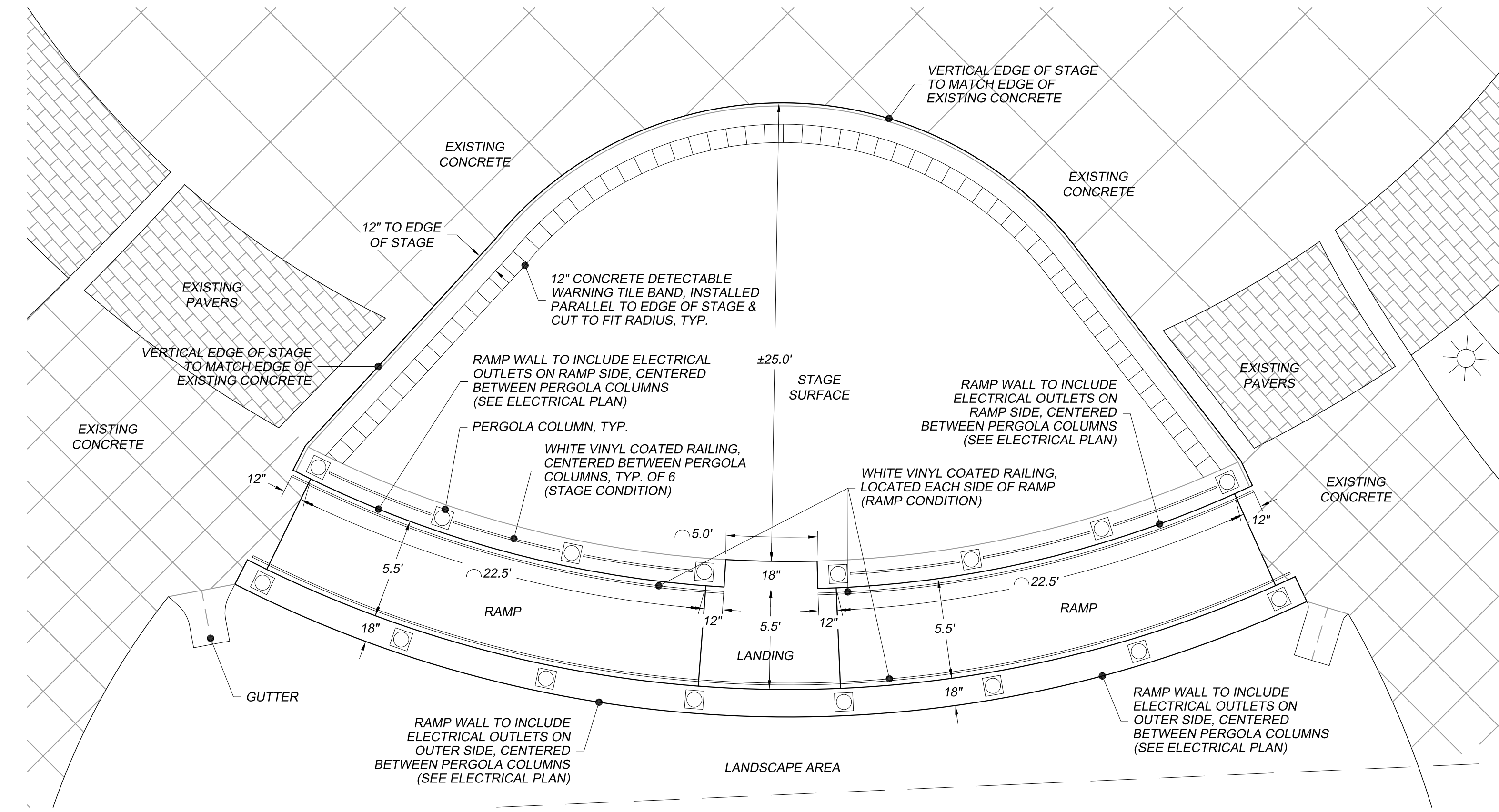
NOTES:
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CONTRACTOR TO FIELD-VERIFY ALL EXISTING SPOT ELEVATIONS PRIOR TO CONSTRUCTION.

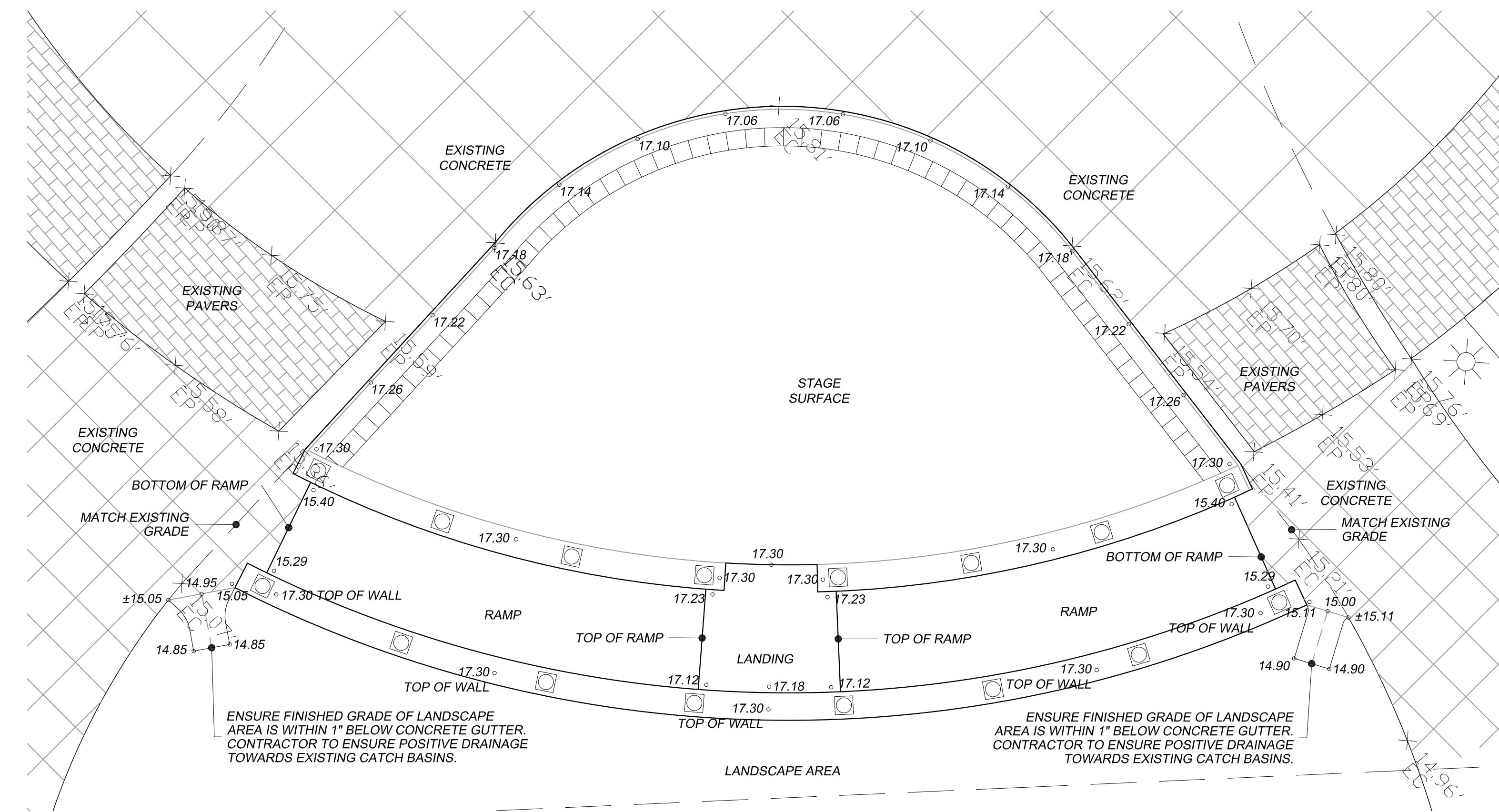
NOT ALL UTILITIES ARE SHOWN ON DRAWINGS.

REFER TO GRADING, DRAINAGE & CONDUIT PLAN FOR ADDITIONAL INFORMATION.

REFER TO COVER SHEET FOR ADDITIONAL PROJECT NOTES & REQUIREMENTS.



STAGE COMPONENTS



STAGE GRADING



NO.	DATE	REVISION DESCRIPTION	BY

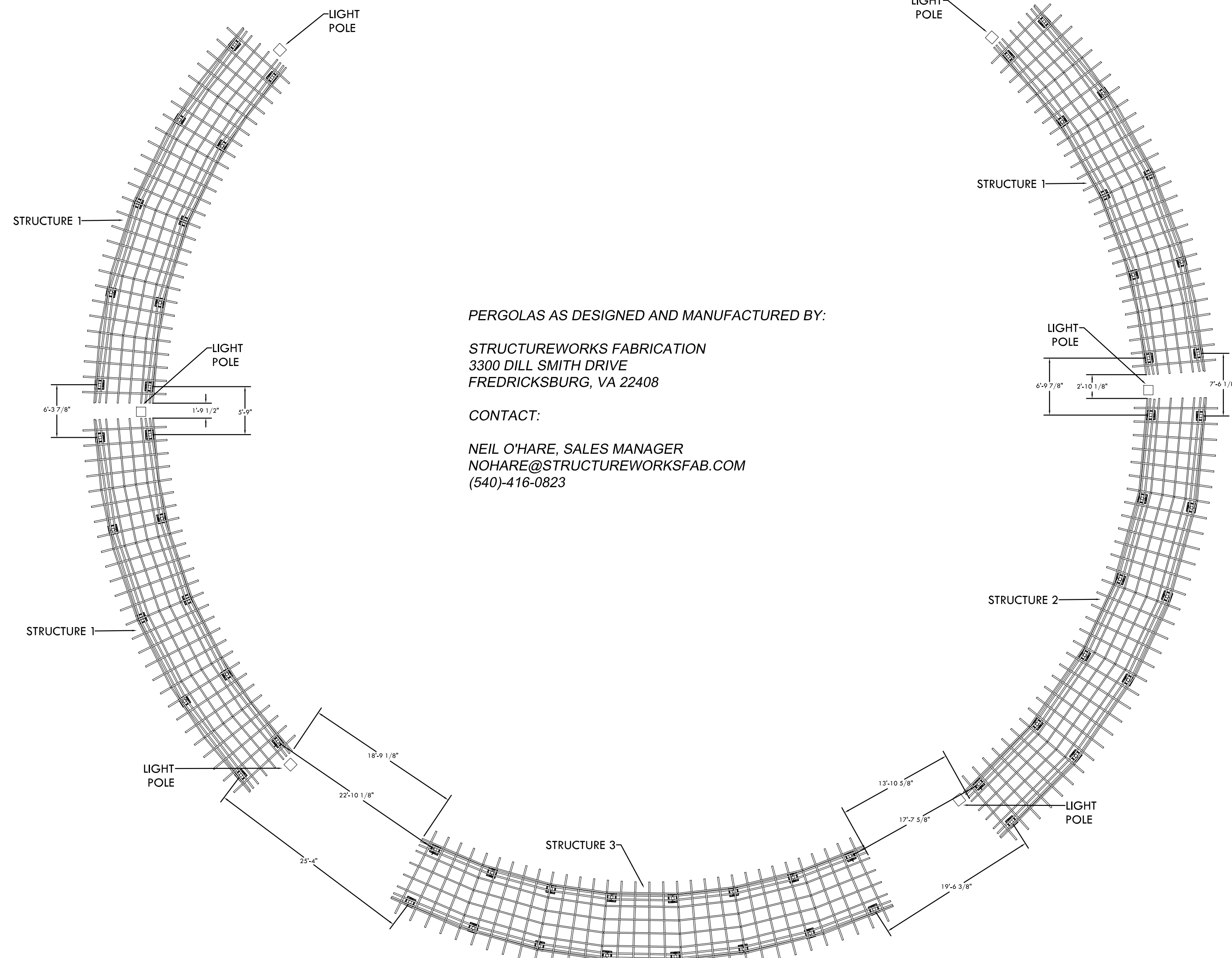
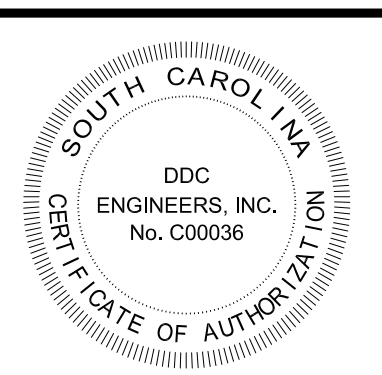
ENLARGEMENTS PLAN
 PLYLER PARK
 CITY OF MYRTLE BEACH, SOUTH CAROLINA
 PREPARED FOR: CITY OF MYRTLE BEACH

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

C6
 FILE NO.:



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



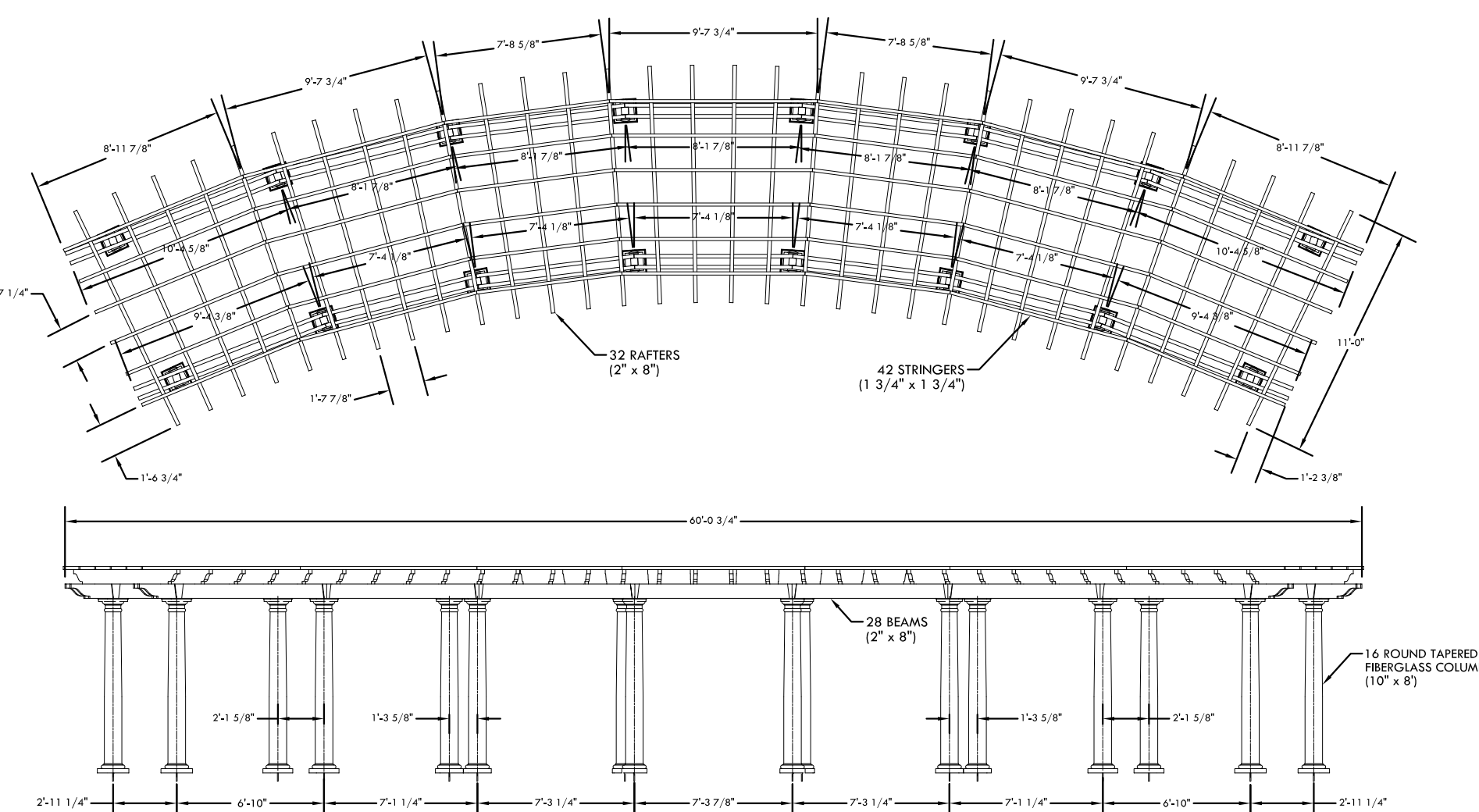
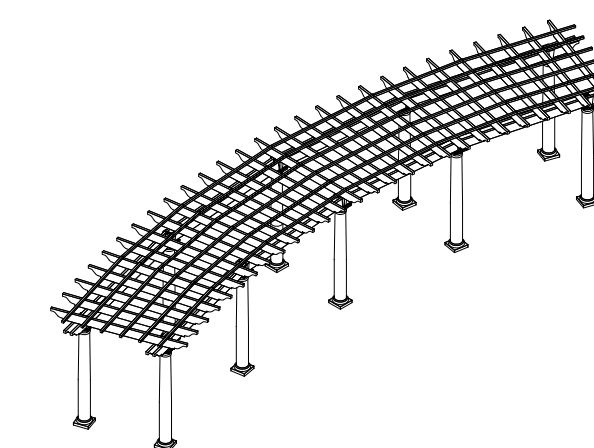
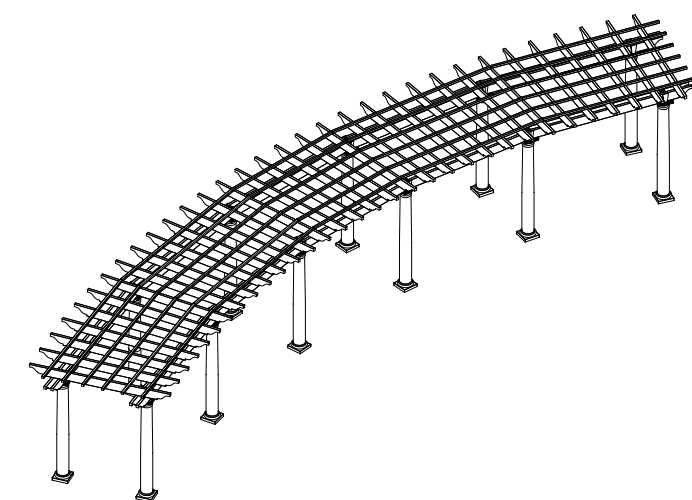
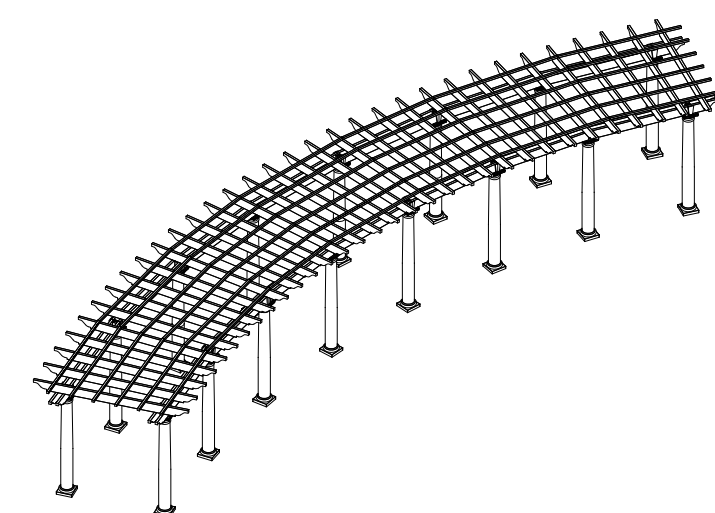
PERGOLAS AS DESIGNED AND MANUFACTURED BY:

STRUCTUREWORKS FABRICATION
 3300 DILL SMITH DRIVE
 FREDRICKSBURG, VA 22408

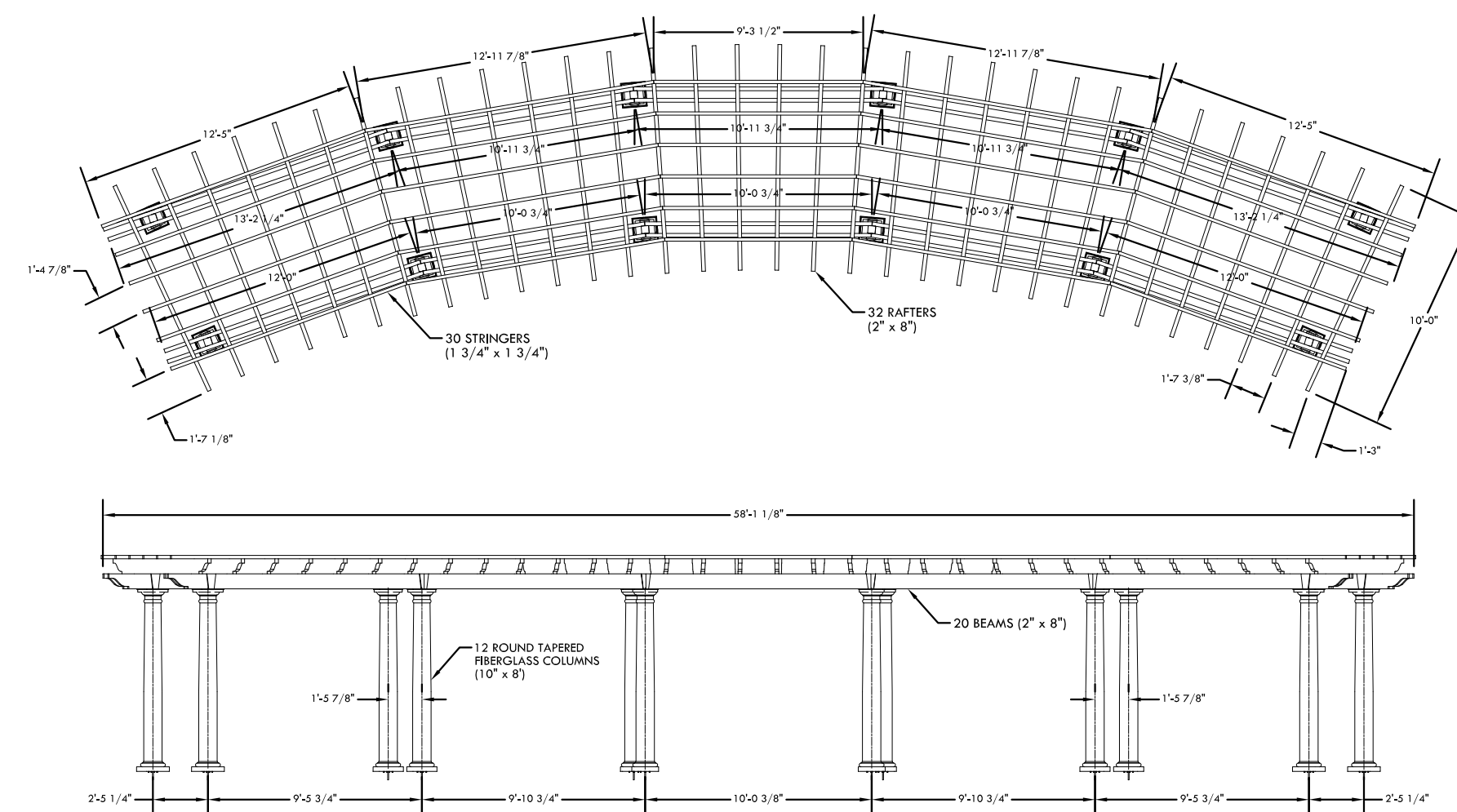
CONTACT:

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

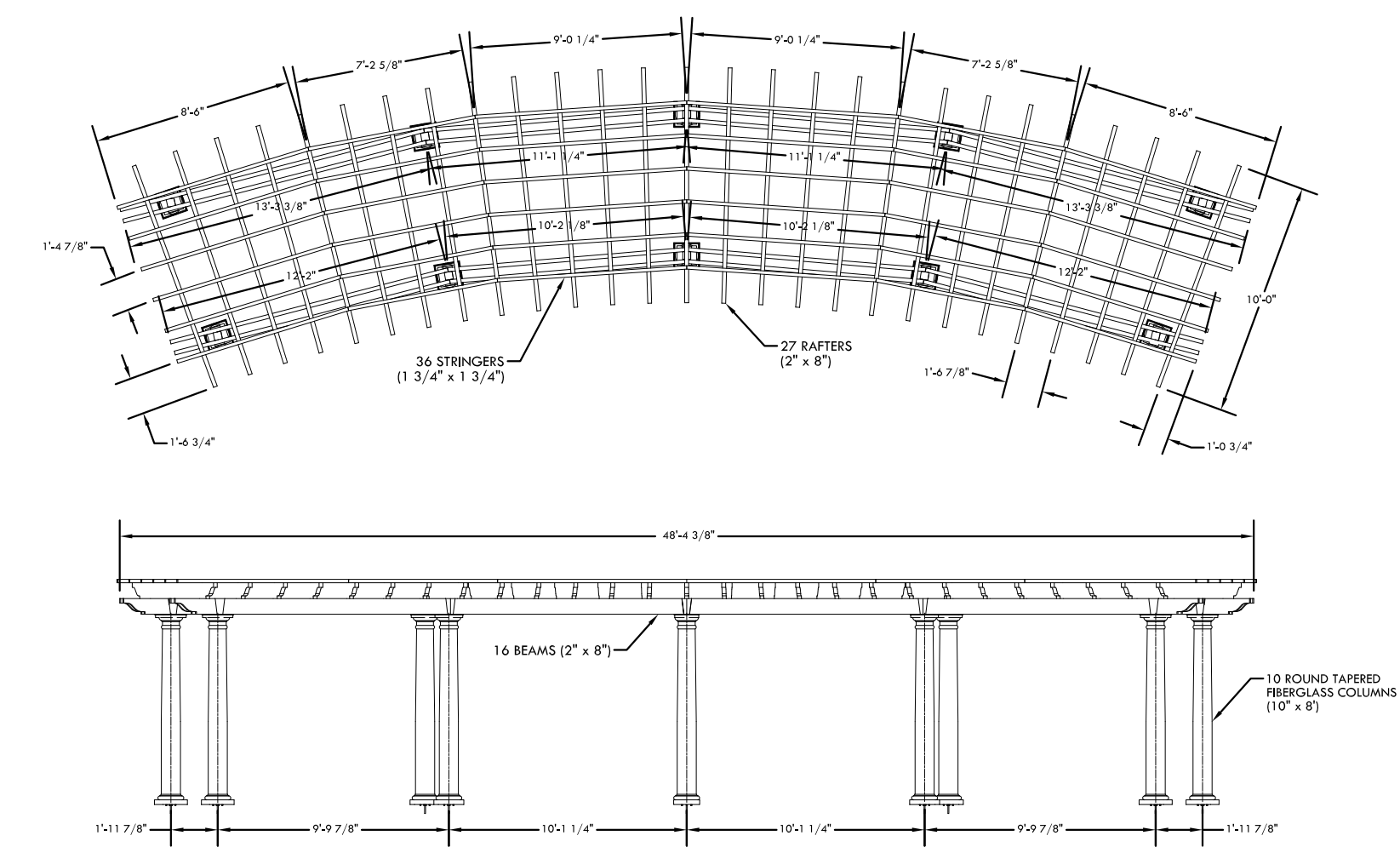
LAYOUT FOR PERGOLA STRUCTURES 1 - 3



3
C7 PERGOLA STRUCTURE 3



2
C7 PERGOLA STRUCTURE 2



1
C7 PERGOLA STRUCTURE 1

NO.	DATE	REVISION DESCRIPTION	BY

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

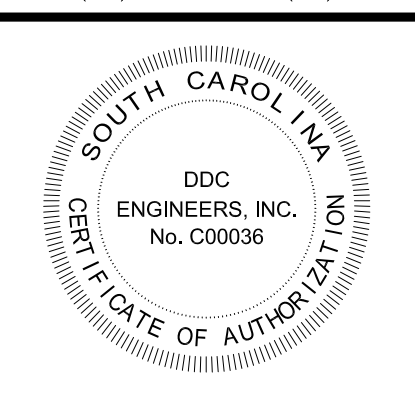
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 DATE: NOVEMBER 22, 2017
 DESIGNED BY:
 DRAWN BY:
 APPROV. BY:
 PROJECT NO.: 16113L

C7

FILE NO.:



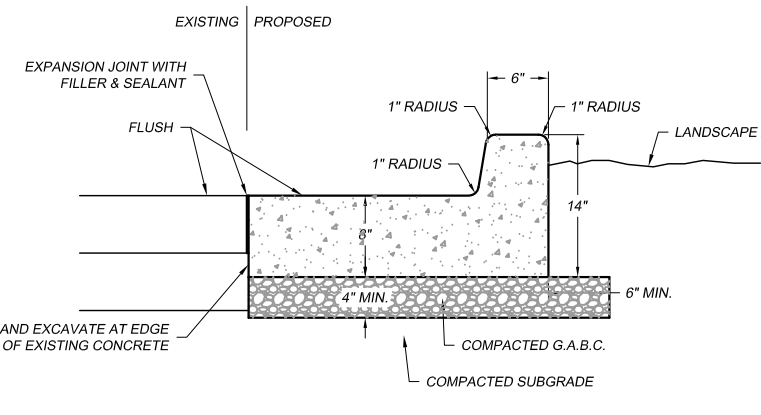
DDC ENGINEERS
 Consulting Engineers, Surveyors, Planners,
 Landscape Architects & Environmentalists
 1298 Professional Dr., Myrtle Beach, SC 29577
 Phone: (843) 692-3200 Fax: (843) 692-3210



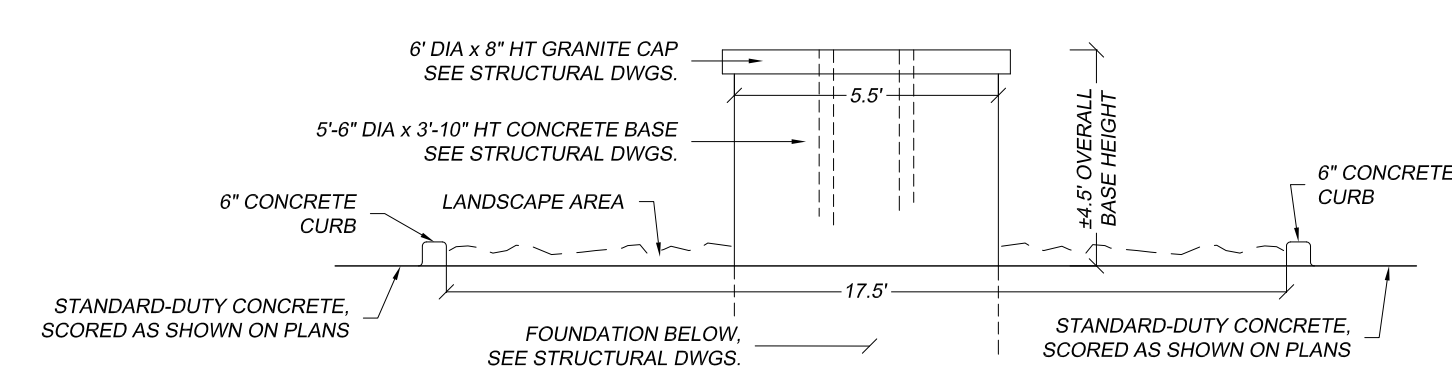
NO.	DATE	REVISION DESCRIPTION	BY

NO.	DATE	REVISION DESCRIPTION	BY

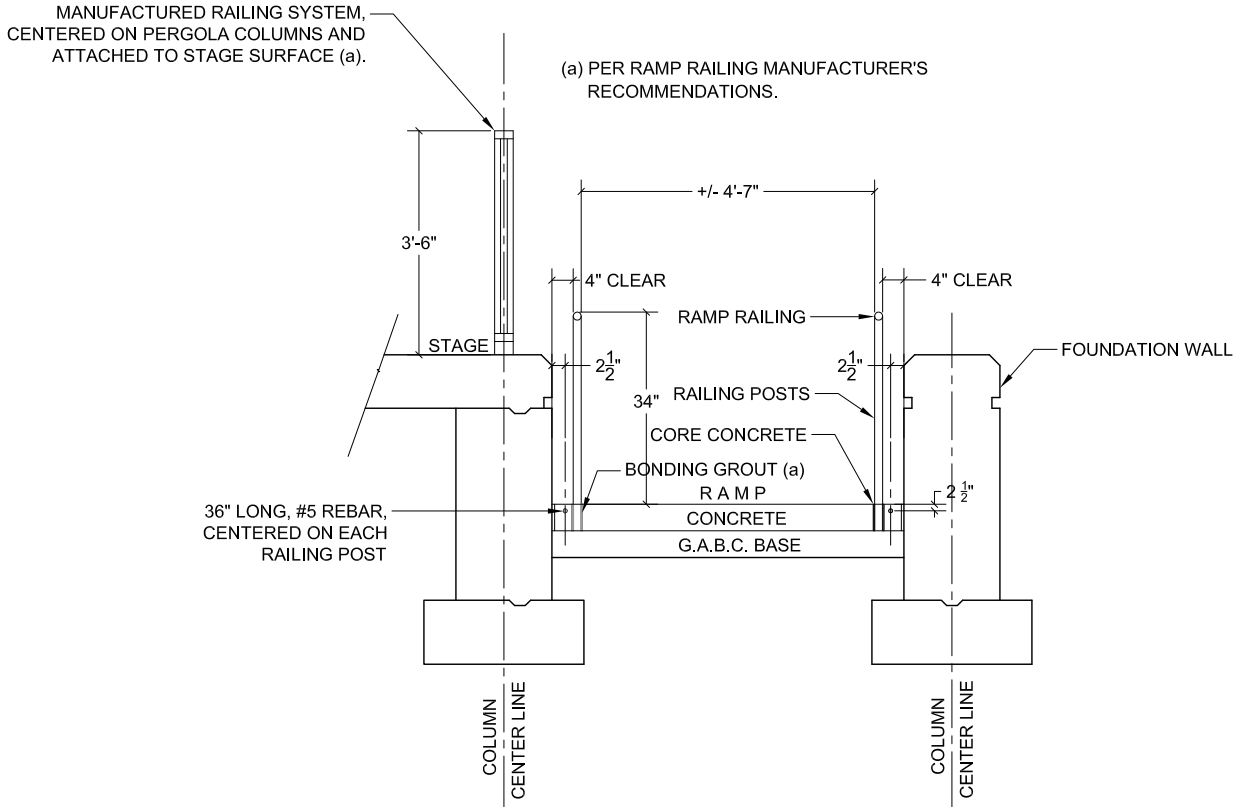
SITE DETAILS	PLYER PARK
	CITY OF MYRTLE BEACH, SOUTH CAROLINA
	PREPARED FOR: CITY OF MYRTLE BEACH
	SCALE: N/A
	DATE: NOVEMBER 22, 2017
DESIGNED BY:	
DRAWN BY:	
APPROV. BY:	
PROJECT NO.: 16113L	
C8	
FILE NO.:	



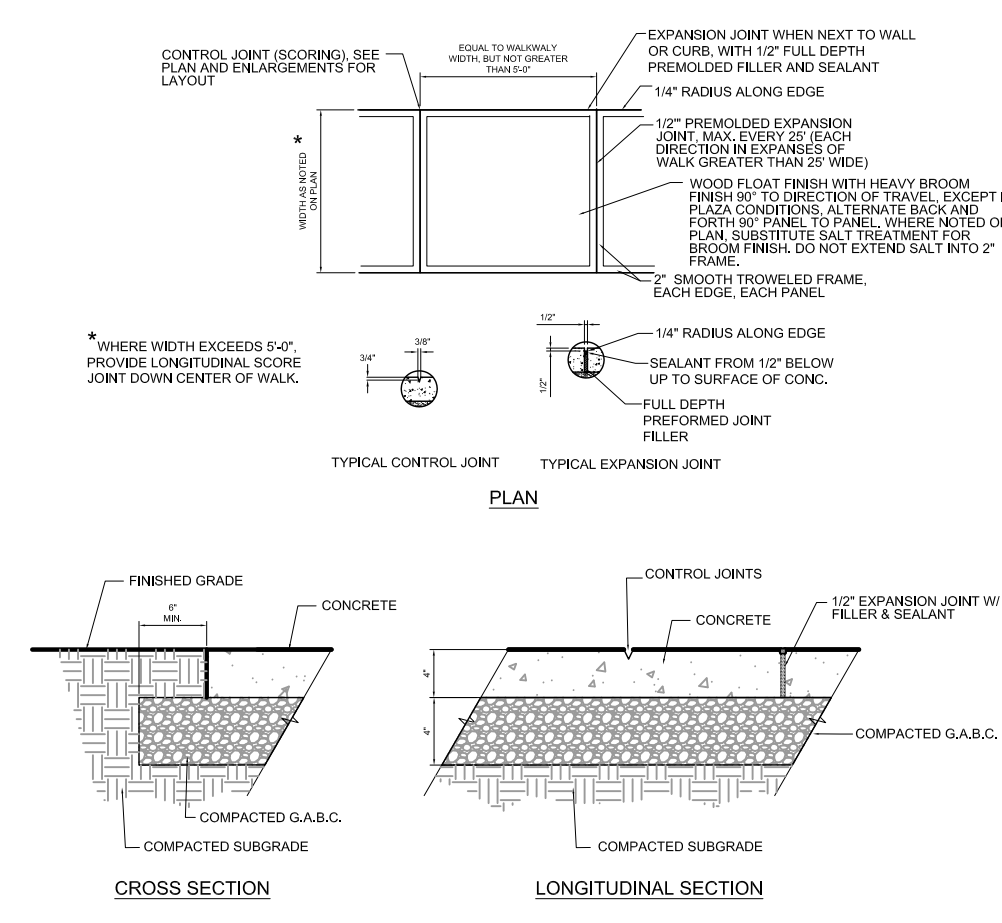
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C8 CONCRETE CURB



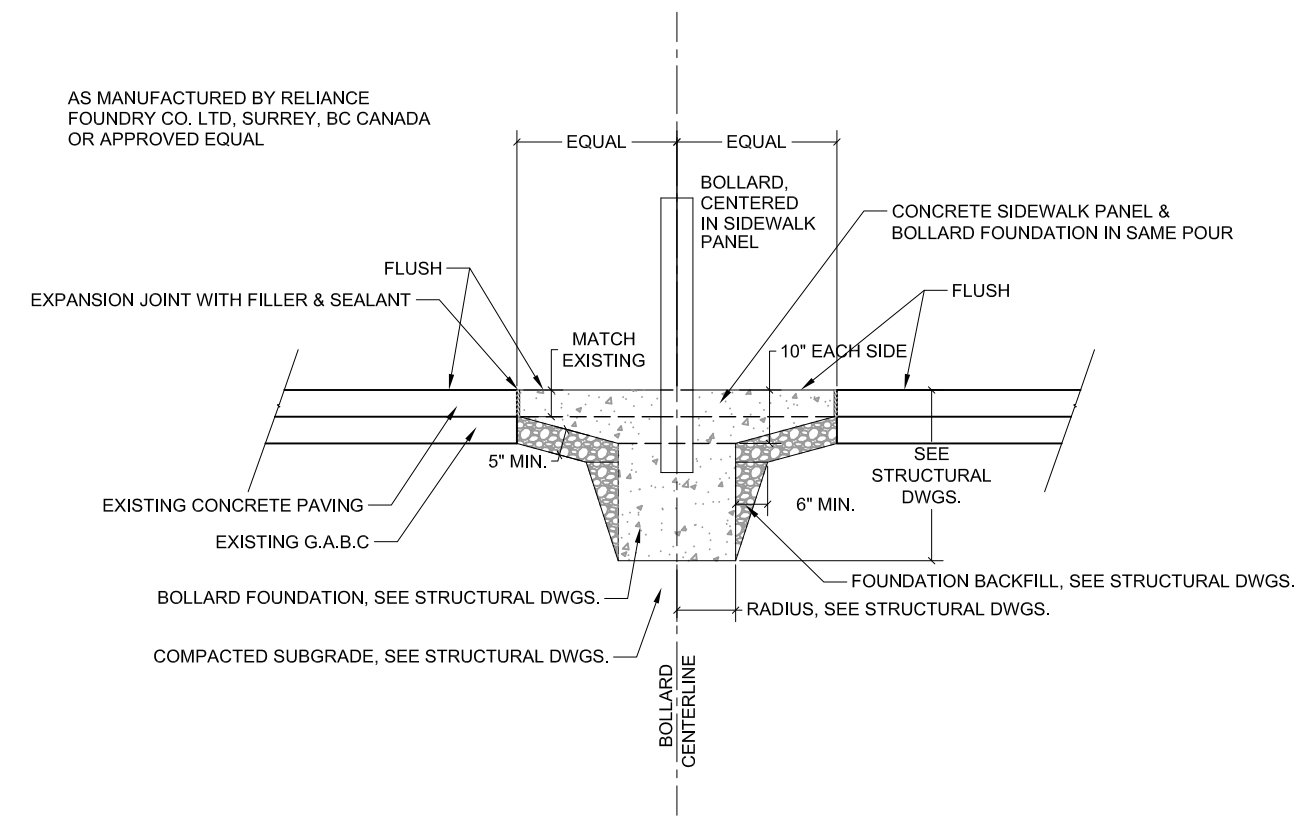
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C8 GODDESS OF THE SEA SCULPTURE BASE



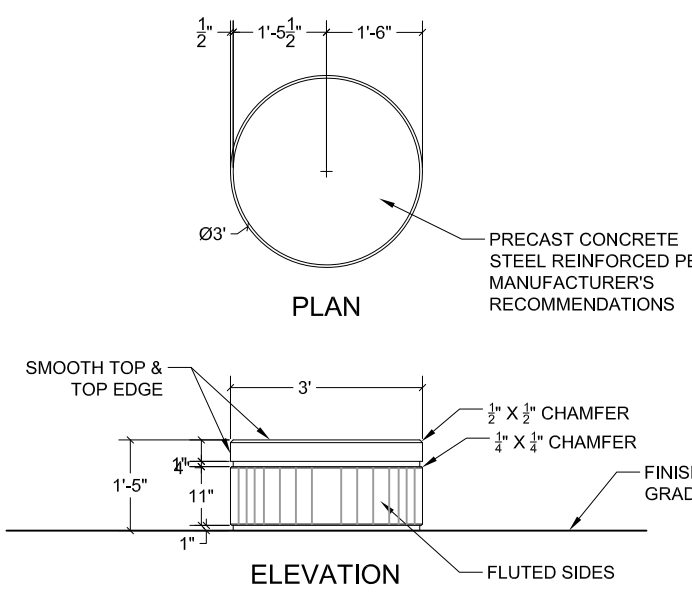
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C8 STAGE RAMP & RAILINGS INTERFACE



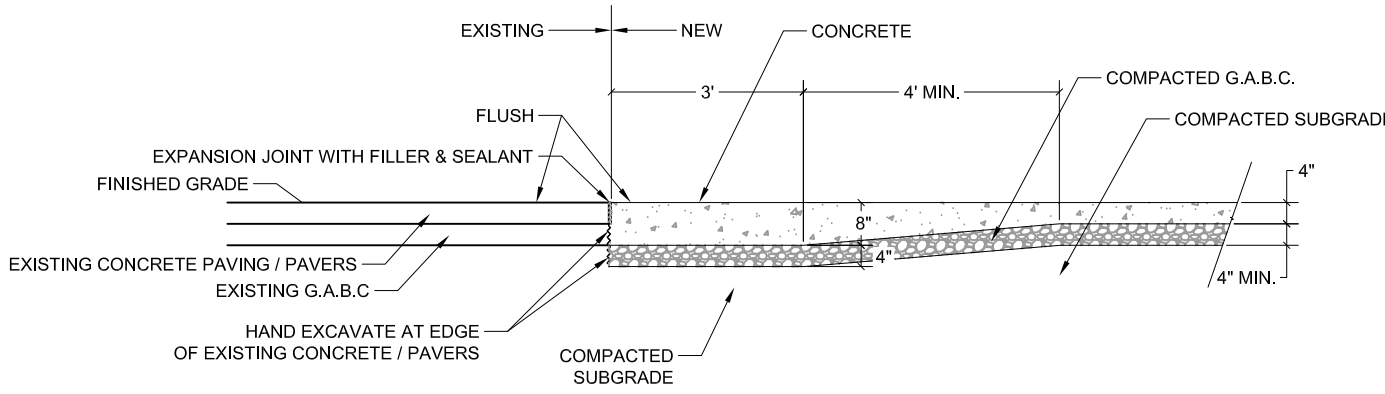
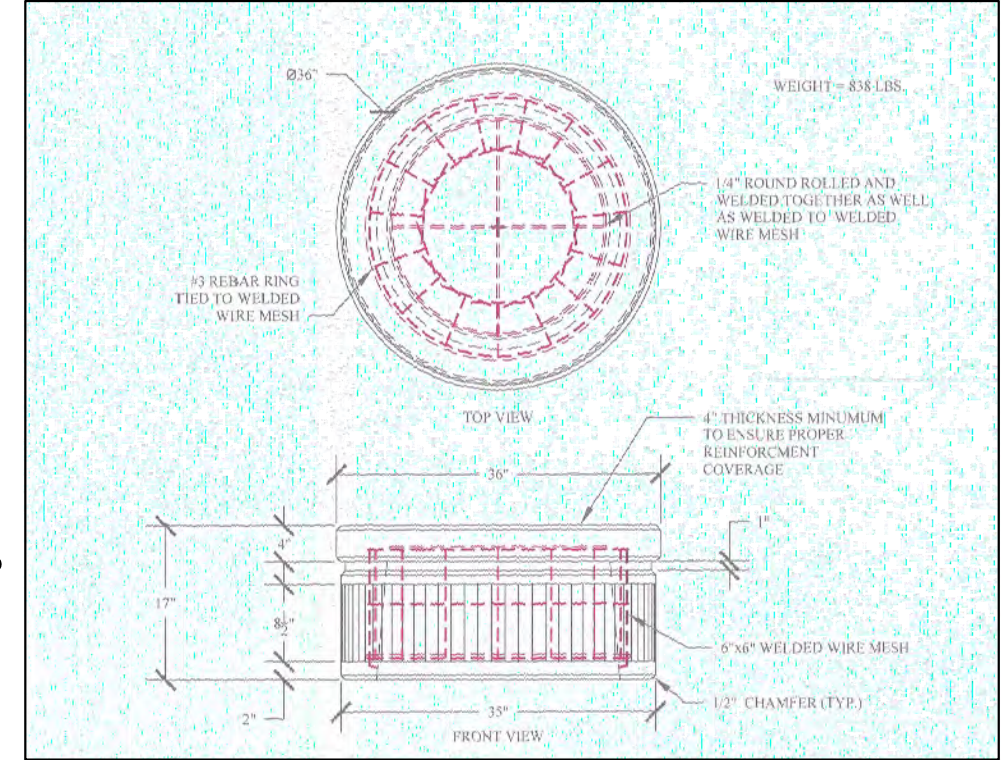
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C8 STANDARD-DUTY CONCRETE PAVING



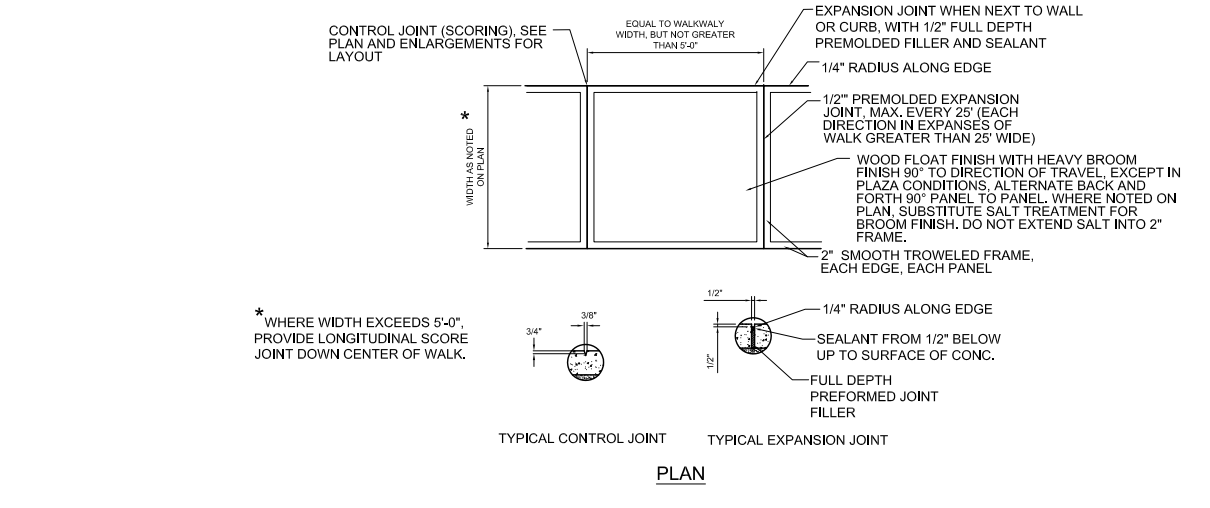
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C8 BOLLARD



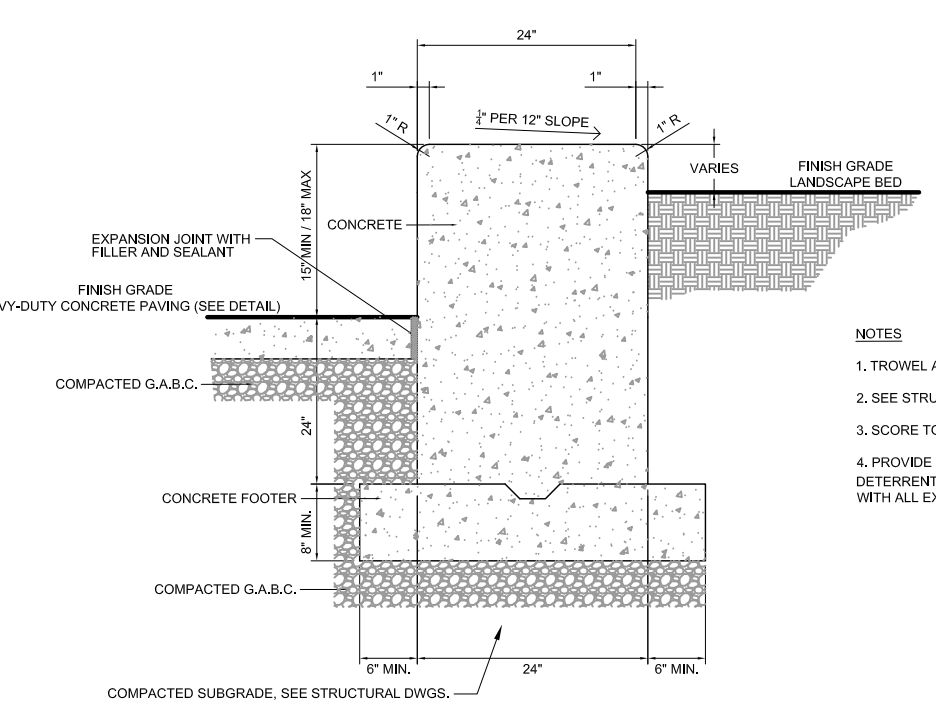
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C8 CONCRETE SEATING



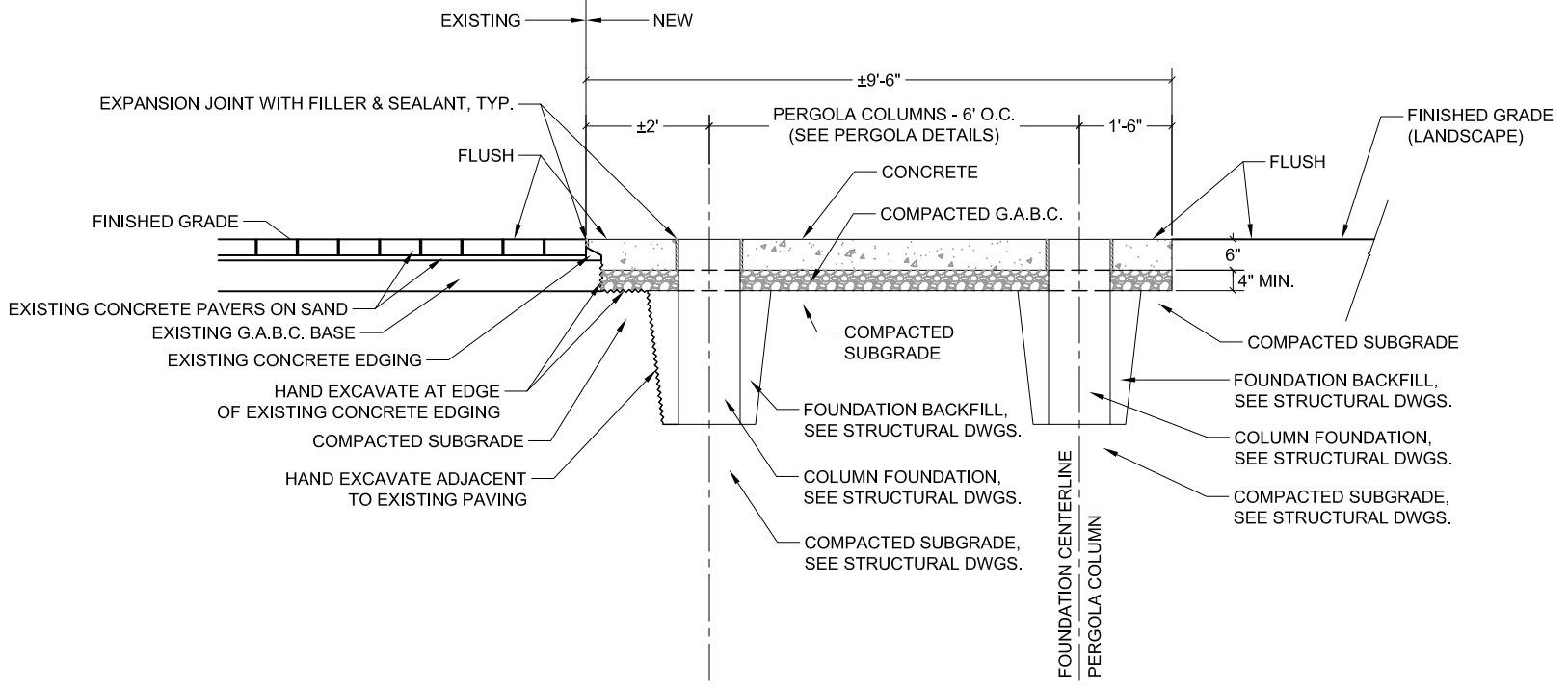
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C8 EXISTING & PROPOSED CONCRETE INTERFACE (STANDARD DUTY)



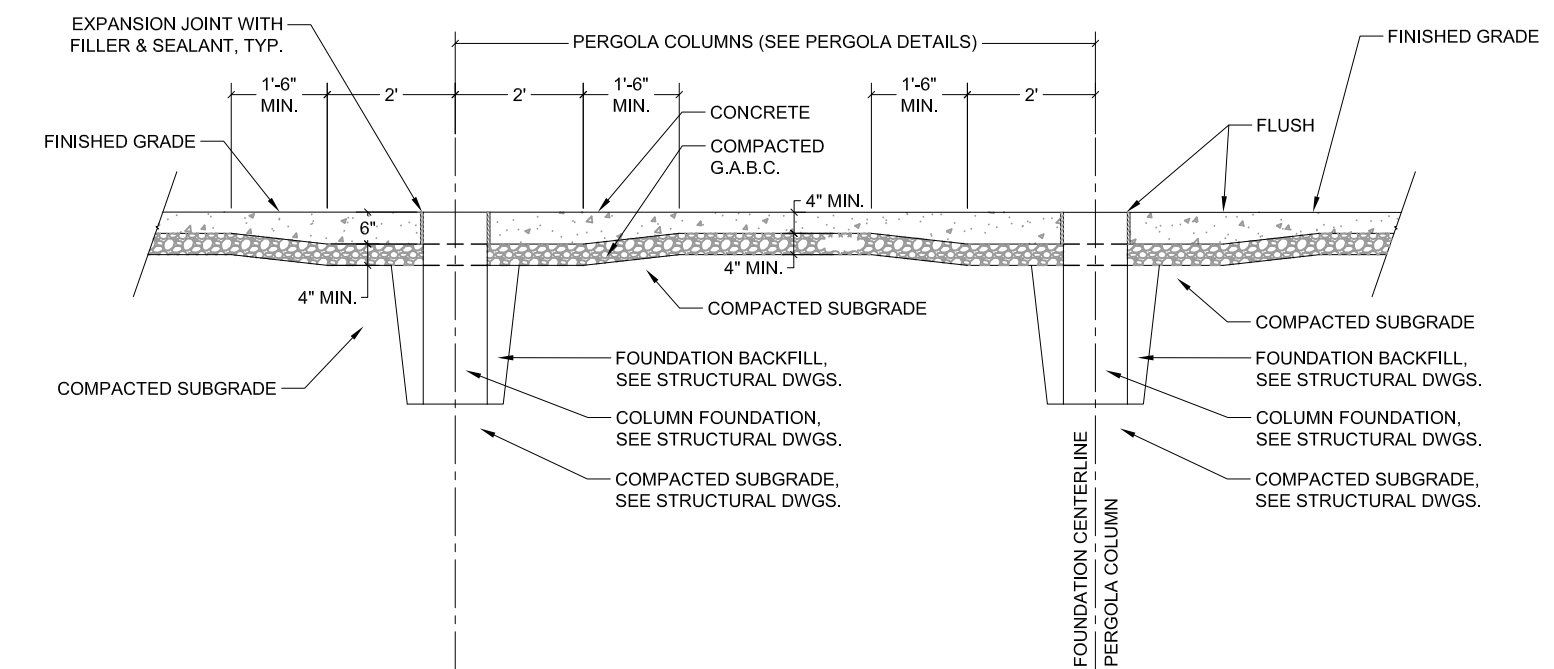
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C8 EXISTING & PROPOSED CONCRETE INTERFACE (HEAVY DUTY)



X
C8 RETAINING WALL



X
C8 PERGOLA & CONCRETE INTERFACE - SECTION B



X
C8 PERGOLA & CONCRETE INTERFACE - SECTION A

P&P FILE: New DDC08

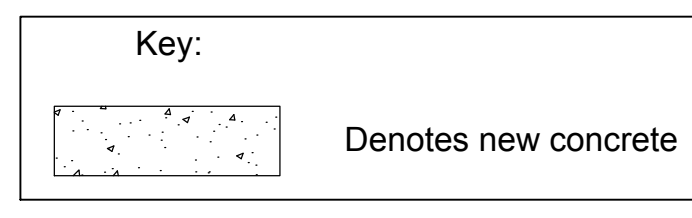
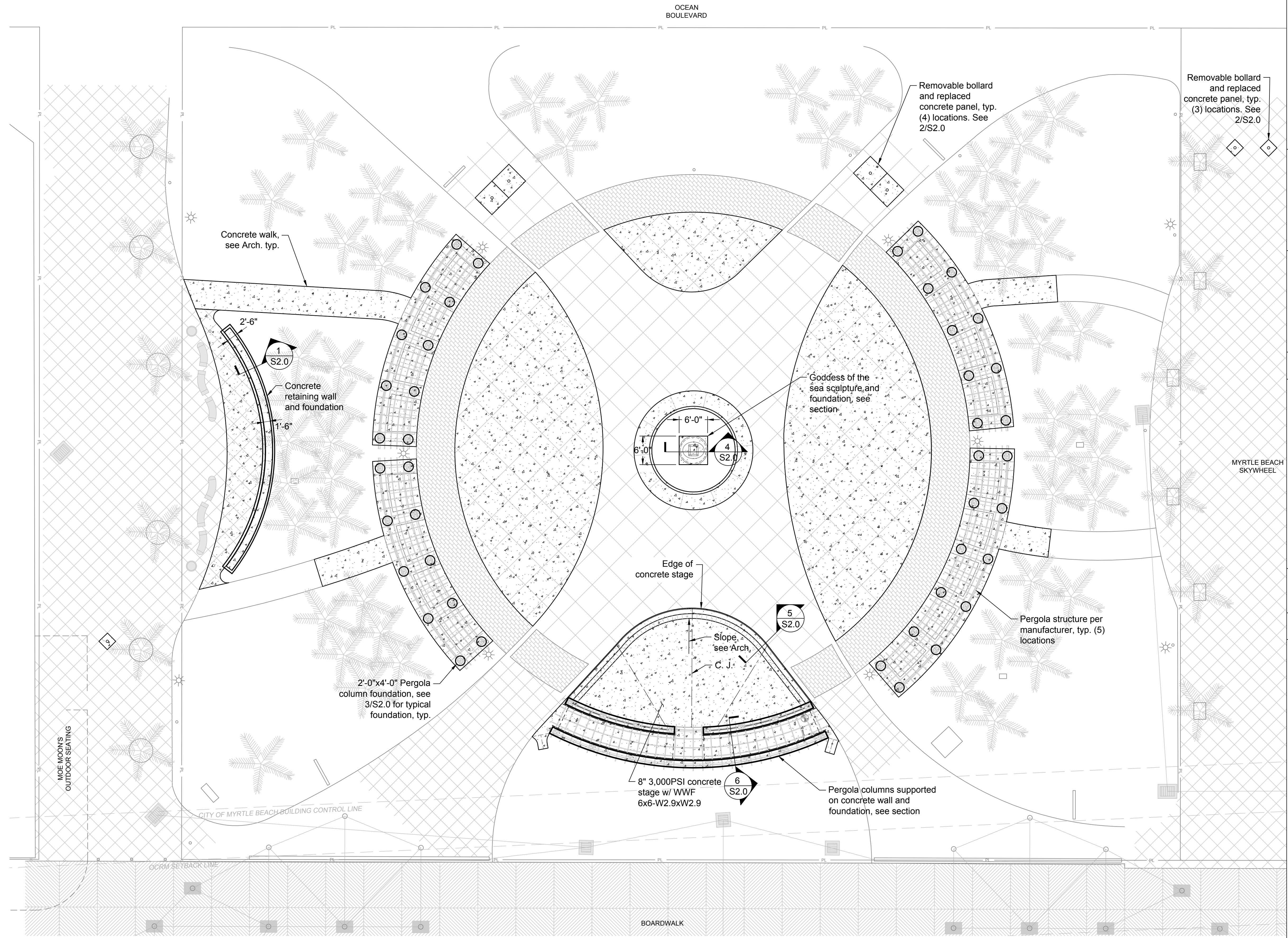
P&P SCALE: 1:1

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: II
 - Wind Velocity: 148 MPH
 - Exposure Category: D
 - Site Class: 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 Architectural and Structural Drawings, not affecting strength, the Architect's plans shall govern. For dimensions and details not shown, see Architect's 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.



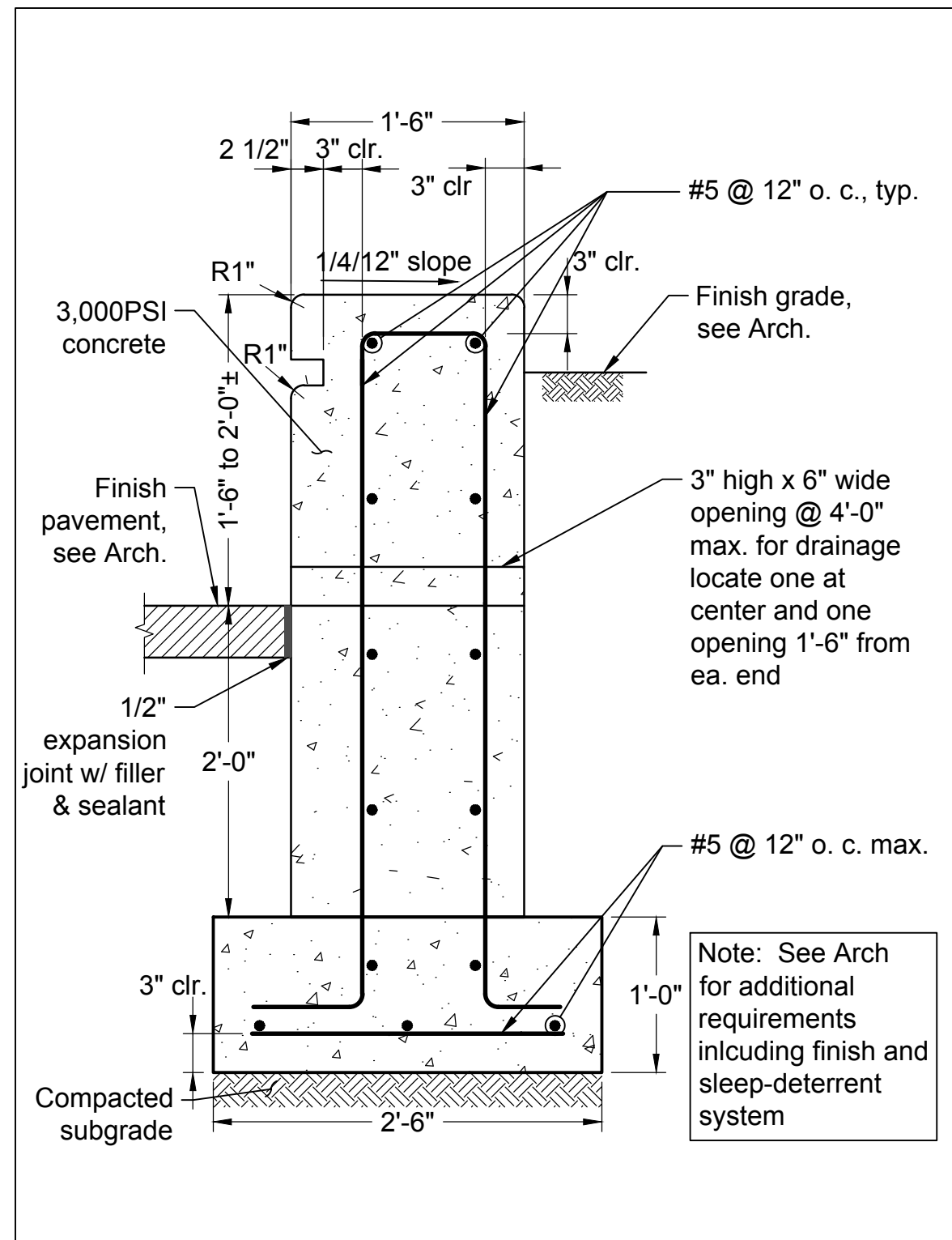
NO.	DATE	REVISION DESCRIPTION	BY

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

SCALE: 1" = 10'
DATE: XXX
DESIGNED BY:
DRAWN BY:
APPROV. BY:
PROJECT NO.: 16113L

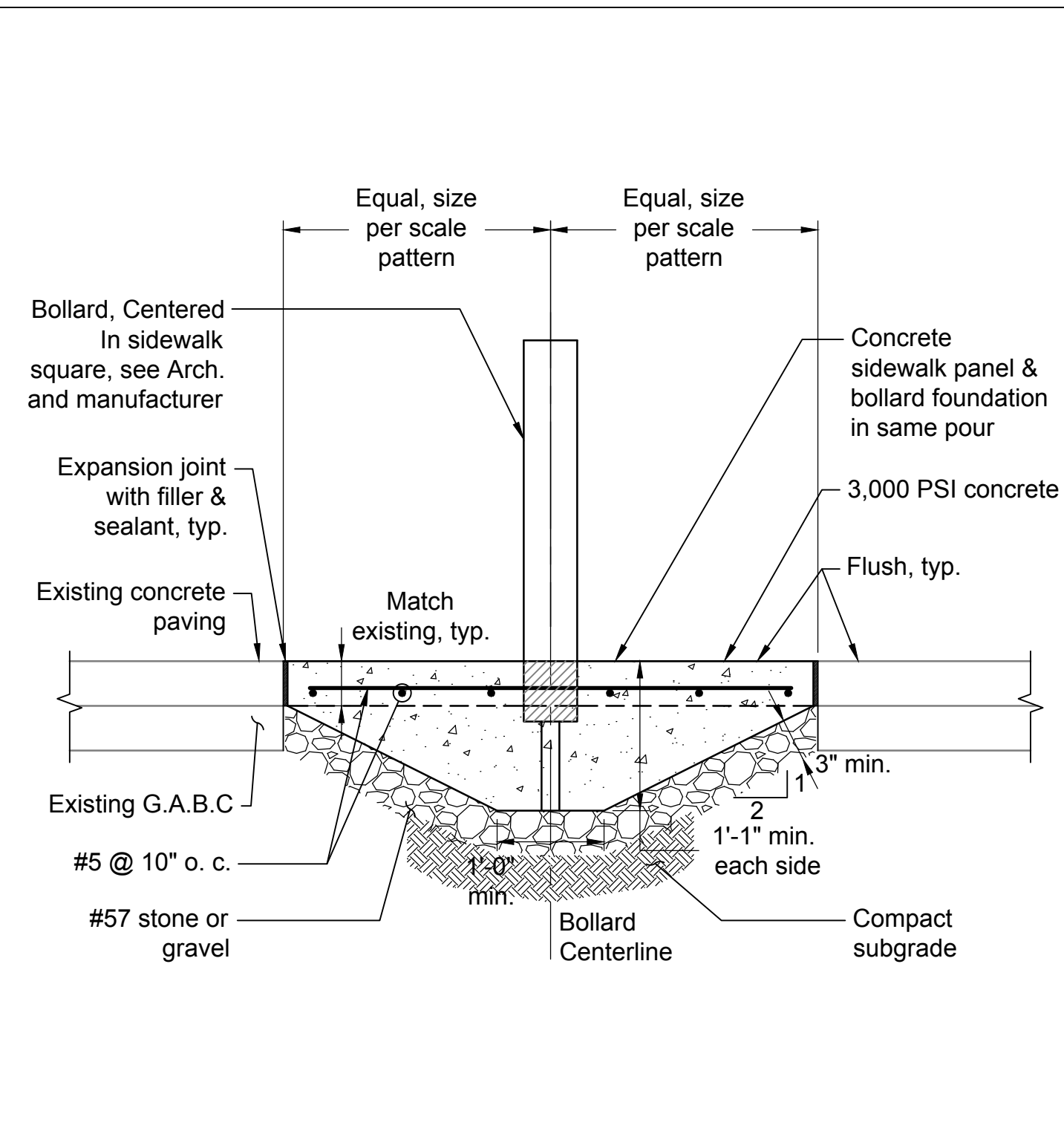
S1.0

FILE NO.:



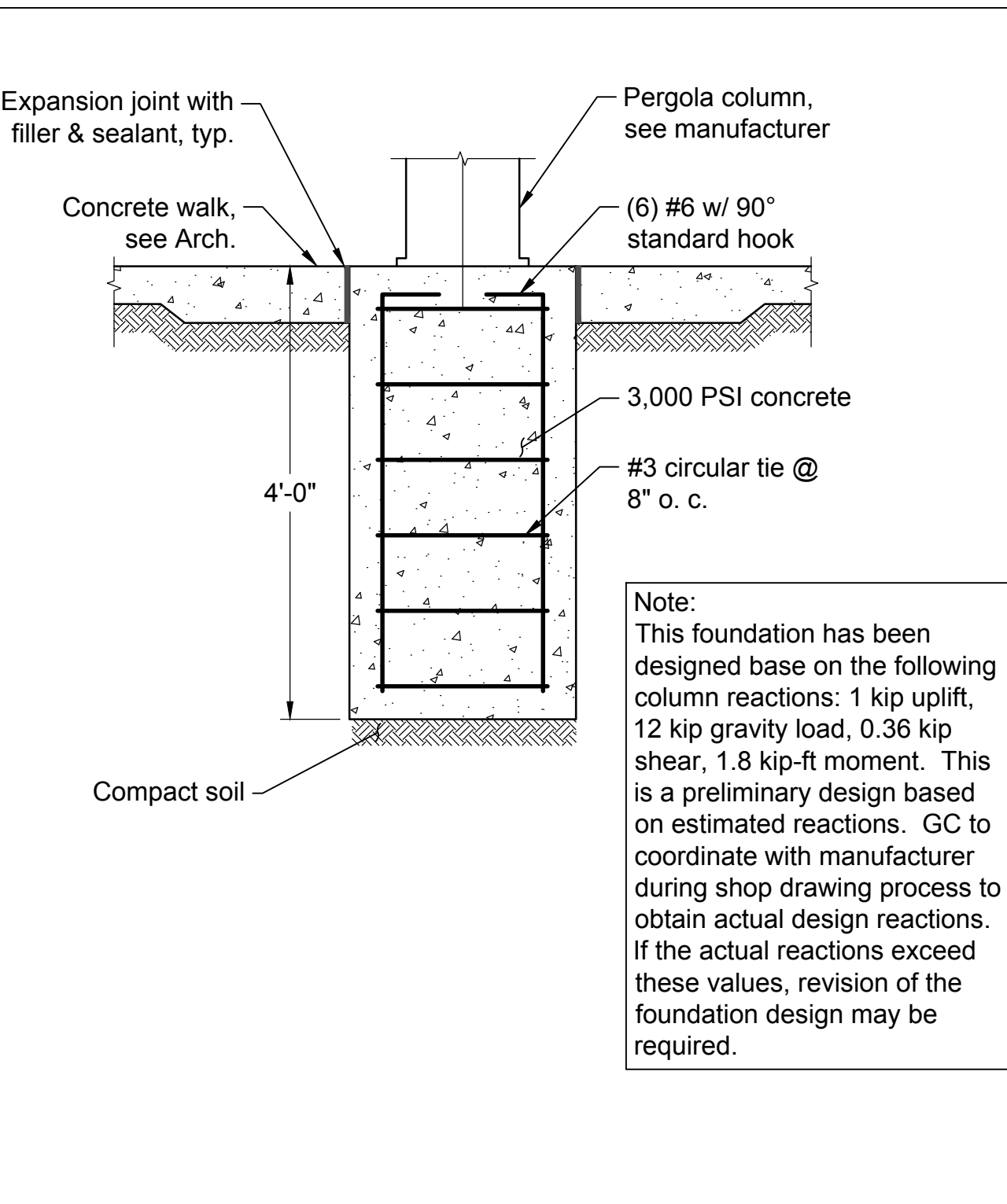
1 - Retaining Wall Section

Scale: 1" = 1'-0"



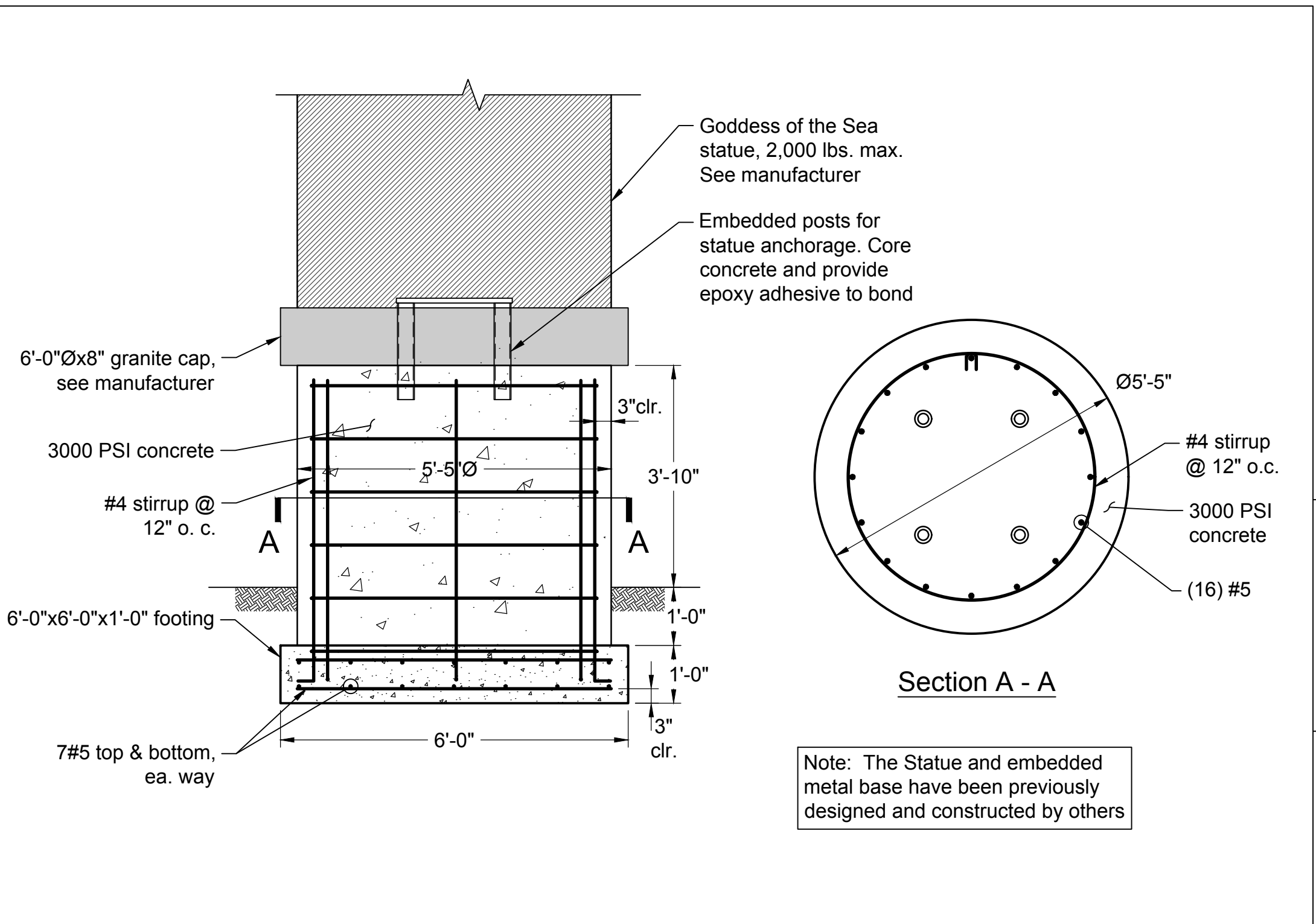
2 - Bollard Foundation Section

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



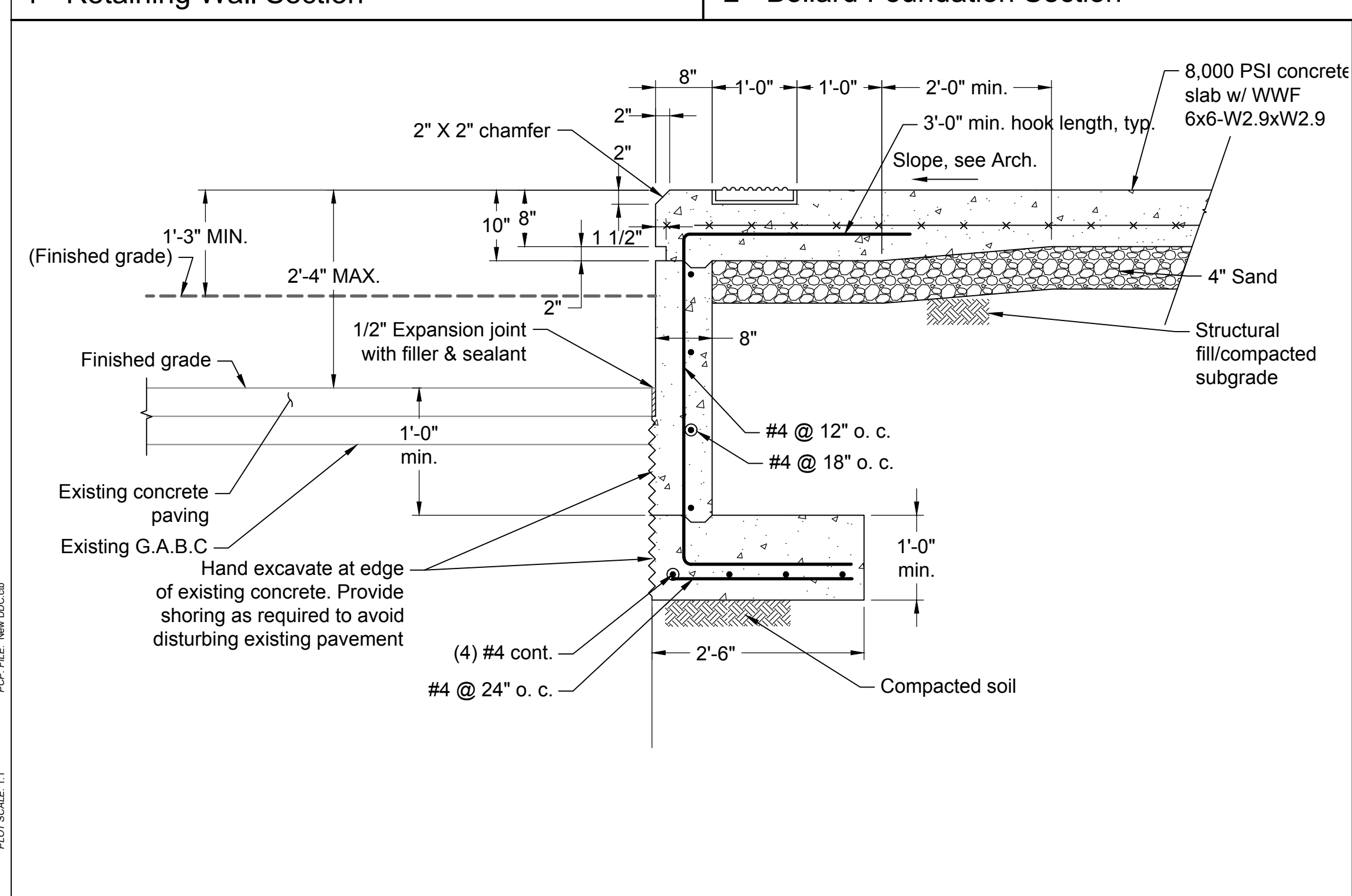
3 - Typical Pergola Foundation Section

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



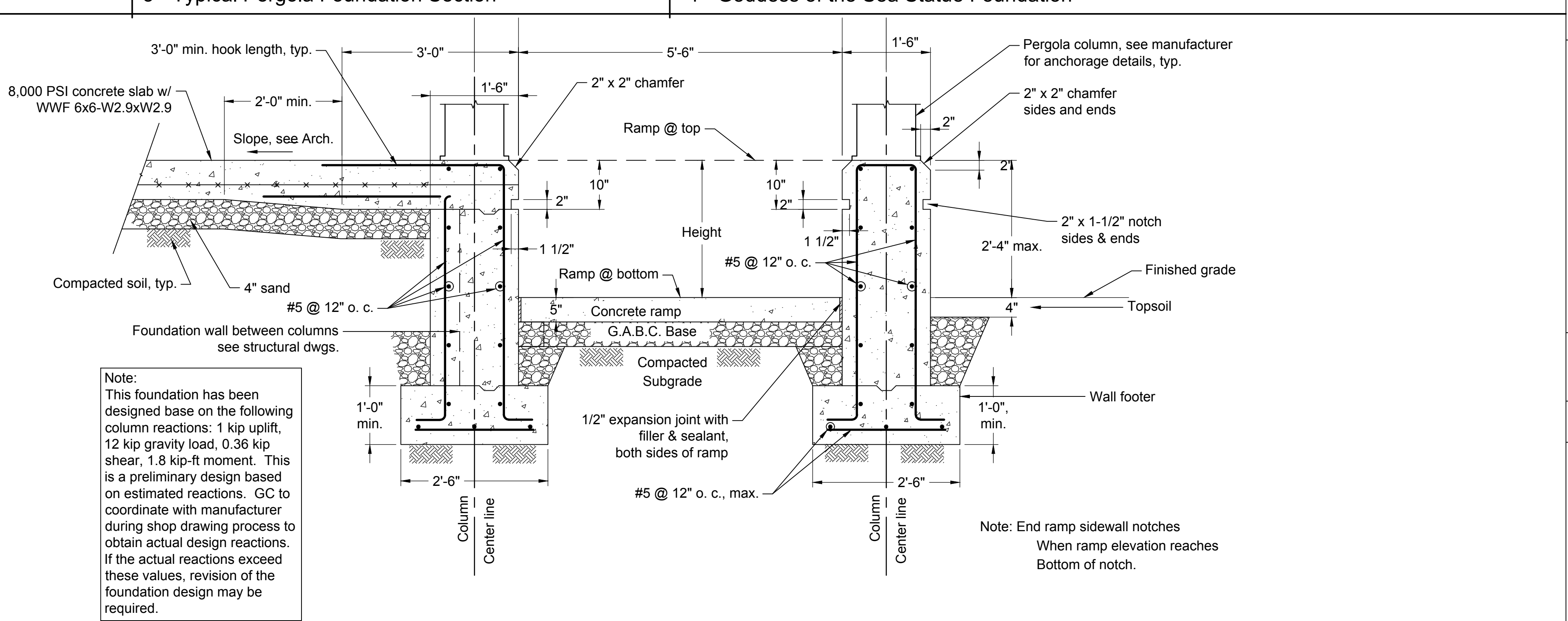
4 - Goddess of the Sea Statue Foundation

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



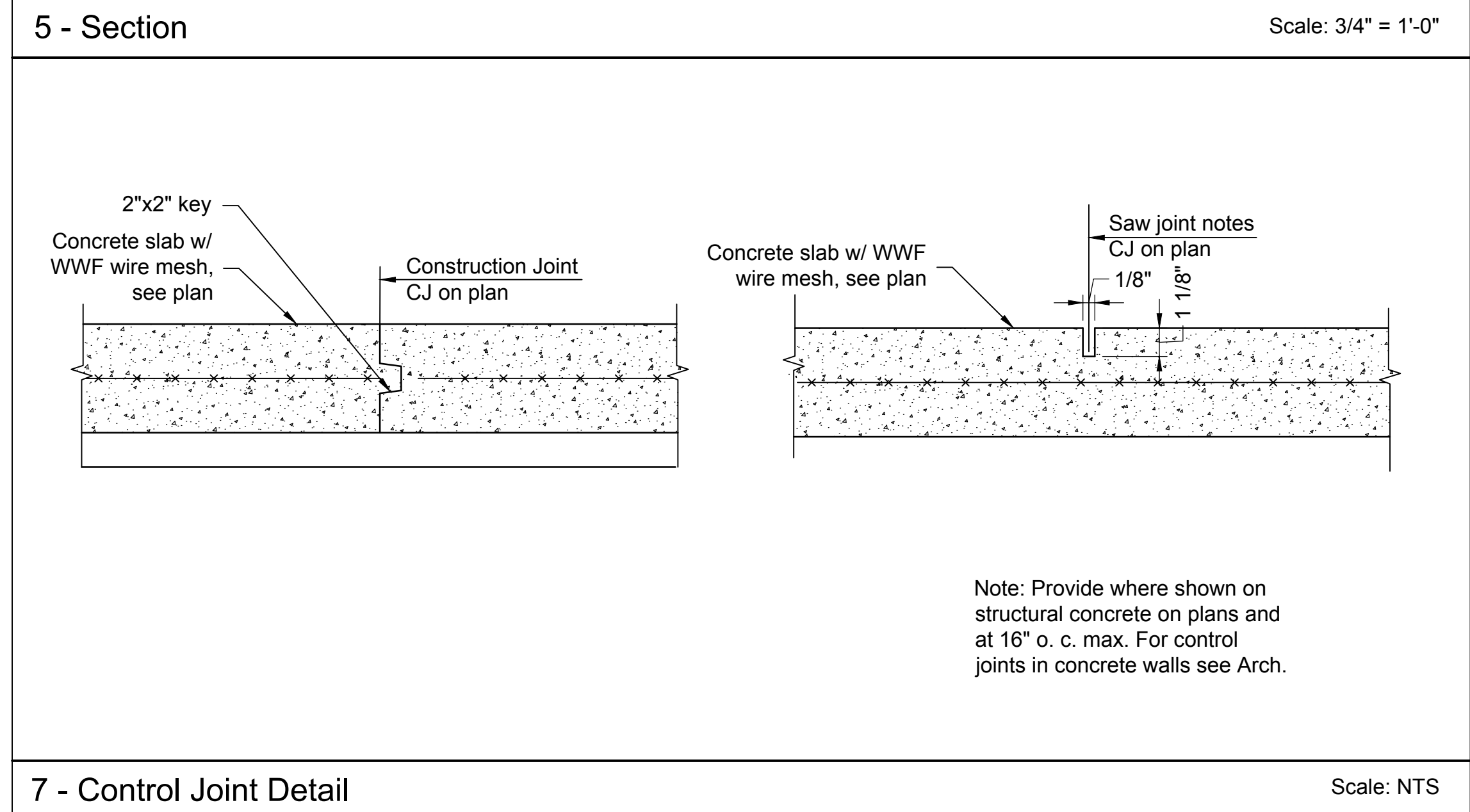
5 - Section

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



6 - Section

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



7 - Control Joint Detail

Scale: NTS

NO.	DATE	REVISION DESCRIPTION	BY

SECTIONS AND DETAILS

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

SCALE:	1" = 10'
DATE:	XXX
DESIGNED BY:	
DRAWN BY:	
APPROV. BY:	
PROJECT NO.:	16113L
S2.0	
FILE NO.:	