ADDENDUM NUMBER TWO

for

BLATT PE CENTER – BIKE SHOP RAMP – CP00424697 UNIVERSITY OF SOUTH CAROLINA COLUMBIA, SOUTH CAROLINA

DATE OF ISSUE: August 30, 2016

TO: ALL BIDDERS OF RECORD

This Addendum is issued pursuant to the Conditions of the Contract and is hereby made part of the Contract Documents. The addendum serves to clarify, revise, and supersede information in the Project Manual, the Drawings, and previously issued Addenda. The Bidder shall acknowledge receipt of this Addendum in the appropriate space on the Bid Form. Failure to do so may subject the Bidder to disqualification. A list of attachments, if any, is part of this document.

BIDDER SHALL ACKNOWLEDGE RECEIPT OF ADDENDUM IN THE SPACE PROVIDED ON THE BID FORM. FAILURE TO DO SO MAY CONSTITUTE AN INFORMALITY IN THE BID.

This addendum consists of <u>1</u> page plus the following attachments:

Blatt PE Center – Bike Shop Ramp, Bid Documents 13 June 2016 reissued 08 30 16

A. GENERAL:

Item No. Description

N/A No Revisions

B. CHANGES TO TECHNICAL SPECIFICATIONS AND DRAWINGS:

SPECIFICATIONS

- Item No. Description
- N/A No Revisions.

DRAWINGS

- Item No. Description
- 1. <u>Clarification:</u> See Attached drawings to replace non-legible Bid Document drawings on the USC purchasing website. No changes have been made to the drawings, they are being reissued to improve legibility of pdf files.

END OF ADDENDUM

Addendum Number Two Page 1



CODE INFORMATION

- PROJECT DESIGNED IN ACCORDANCE WITH: . INTERNATIONAL BUILDING CODE (IBC), 2012 EDITION INTERNATIONAL EXISTING BUILDING CODE (IEBC), 2012 EDITIC
- 3. INTERNATIONAL FIRE CODE (IFC), 2012 EDITION INTERNATIONAL ENERGY CONSERVATION CODE (IECC), 2009 Edition
- 5. INTERNATIONAL FUEL GAS CODE (IFGC), 2012 EDITION INTERNATIONAL MECHANICAL CODE (IMC), 2012 EDITION INTERNATIONAL PLUMBING CODE (IPC), 2012 EDITION
- 8. NATIONAL ELECTRICAL CODE (NEC) [NFPA-70], 2011 EDITION 9. NATIONAL ELECTRICAL SAFETY CODE, ANSI-C2-2007 EDITION
- 10. STATE FIRE MARSHAL RULES, REGULATIONS, AND POLICIES LATEST EDITION 1. ASHRAE/IESNA 90.1-2007, ENERGY EFFICIENT DESIGN OF NEW BUILDINGS 12. ICC/ANSI - A117.1 - 2009, ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES

GENERAL DESIGN INFORMATION * ALL AREAS NOT INCLUDED IN THE RENOVATION SCOPE ARE TO REMAIN AS CURRENTLY DESIGNED ADDITIONAL EXTERIOR RAMP PROVDIDED FOR SECOND ADA ACCESS POINT AND CONVENIENCE.

BUILDING CODE REVIEW INFORMATION

- 1. OCCUPANCY A. TYPE OF EXISTING BUILDING OCCUPANCY: <u>ASSEMBLY</u> GROUP: <u>A-3</u> B. ADJACENT EXISTING OCCUPANCY: <u>ASSEMBLY</u> GROUP: <u>A-4</u>
- C. RENOVATED OCCUPANCY: BUSINESS GROUP: B
- 2. TYPE OF CONSTRUCTION: EXISTING CONSTRUCTION A. ASSUMED CONSTRUCTION CLASSIFICATION: TYPE IA
- B. SPRINKLERS: <u>X</u>NO <u>Y</u>ES

. STANDPIPES: <u>X</u>NO YES

5. HIGH RISE: <u>X</u> NO <u>YES</u>

6. GENERAL BUILDING DESIGN, ALLOWABLE AREA, AND HEIGHT: EXTERIOR RAMP ADDED TO EXISTING BIKE SHOP. NO INTERIOR OR ADDED AREA.

EGRESS OCCUPANCY CALCULATIONS	EXISTING EGRESS OCCUPANCY CALCULATIONS		
OCCUPANCY TYPE (PER SPACE)	OCCUPANCY FLOOR AREA	FLOOR AREA IN SF/OCCUPANT	DESIGN OCCUPANT LOAD
BUSINESS (1ST FLOOR BIKE SHOP)	1750	100 GROOS	18
	NEW TOTAL OCCUPANT LOAD		18

FIRE RESISTANCE RATING OF BUILDING ELE	MENTS - EXI	STING BUILD	DING ASSUMED TYPE IB	

BUILDING ELEMENT	RATING AS REQUIRED (IN HOURS)	RATING AS DESIGNED (IN HOURS)	TESTING AGENCY & DESIGN NUMBER (UL, FM, ETC.)
PRIMARY STRUCTURAL FRAME (PER IBC TABLE 601)	2	EXISTING	
BEARING WALLS, EXTERIOR (PER IBC TABLE 601)	2	EXISTING	
BEARING WALLS, INTERIOR (PER IBC TABLE 601)	2	EXISTING	
NONBEARING WALLS & PARTITIONS, EXTERIOR (PER IBC TABLE 602)	0	EXISTING	FIRE SEPARATION DISTANCE ≥ 30' = 0 [TABLE 602]
NONBEARING WALLS & PARTITIONS, INTERIOR (PER IBC TABLE 601)	0	0	
FLOOR CONSTRUCTION AND SECONDARY MEMBERS (PER IBC TABLE 601)	2	EXISTING	
ROOF CONSTRUCTION AND SECONDARY MEMBERS (PER IBC TABLE 601)	1	EXISTING	
FIRE WALLS (PER IBC SECTION 706)	3	EXISTING	
FIRE BARRIERS (PER IBC SECTION 707)	2	EXISTING	
SHAFT ENCLOSURES (PER IBC SECTION 708)	N/A	EXISTING	
FIRE PARTITIONS (PER IBC SECTION 709 & TABLE 1018.1)	1	1	CORRIDOR FIRE-RESISTANCE RATING [TABLE 1018.1]

STRUCTURAL DESIGN INFORMATION: * SEE S1.1 FOR STRUCTURAL CODE INFORMATION

MECHANICAL DESIGN INFORMATION: *NO MECHANICAL RENOVATIONS IN THIS PROJECT SCOPE

PLUMBING INFORMATION: * NO PLUMBING RENOVATIONS IN THIS PROJECT SCOPE

PLUMBING FIXTURE CALCULATIONS: * NO NEW FIXTURES REQUIRED OR PROVIDED.

ELECTRICAL INFORMATION:

- 1. SERVICE TRANSFORMER: BY UTILITY 150 KVA PRIMARY, 12.72 KV/3-PHASE
- 2. PROVIDE THE FOLLOWING SERVICE INFORMATION: --SERVICE VOLTAGE/PHASE: EXISTING
 - SERVICE ENTRANCE CONDUCTORS SIZE: EXISTING TOTAL CONNECTED LOAD: EXISTING ESTIMATED MAXIMUM DEMAND: EXISTING
 - AVAILABLE FAULT CURRENT IN SYMMETRICRAL AMPERES: EXISTING INTERRUPTING CAPACITY OF SERVICE OVERCURRENT DEVICE: EXISTING
- TYPE OF GROUNDING ELECTRODE SYSTEM(S) PER NEC 250-C: EXISTIN 3. EMERGENCY GENERATOR: NO
- 4. EXIT/EMERGENCY LIGHTS BACKUP POWER: INTEGRAL BATTERY 5. FIRE ALARM SYSTEM: ADDRESSABLE 6. LIGHTNING PROTECTION PROVIDED: NO

7. COMMUNICATIONS COORDINATED: NOT REQUIRED

PLUMBING INFORMATION: * NO PLUMBING RENOVATIONS IN THIS PROJECT SCOPE

BID DOCUMENTS 13 JUNE 2016

INDEX TO DRAWINGS
TITLE SHEET
CIVIL C1.0 EXISTING CONDITIONS - SITE DEMO PLAN C2.0 SITE LAYOUT PLAN C3.0 GRADING AND DRAINAGE PLAN C4.0 SEDIMENT AND EROSION CONTROL PLAN
LANDSCAPE L1.0 LANDSCAPE PLAN
ARCHITECTURAL AR1.1 FIRST FLOOR PLAN & FIRST FLOOR DEM0 PLAN AR2.1 BUILDING ELEVATION, BUILDING SECTIONS, & DETAIL SECTIONS
STRUCTURAL S1.1 FOUNDATION PLAN, NOTES AND DETAILS ELECTRICAL
ER1.1 BIKE RAMP ELECTRICAL PLANS
KEY PLAN







BM #2001 1/2" REBAR N 785699.76 E 1992322.08

LEGEN	ND
EXISTING	DESCRIPTION
\bullet	BENCHMARK/CONTROL POINT
	PROPERTY LINE/RIGHT OF WAY
	BUILDING
ф	LIGHT POLE
	TREE
	BITUMINOUS SURFACE
	CONCRETE SURFACE
	CONTOUR
× (309.50)	SPOT ELEVATION
	CHAIN LINK FENCE
$\overset{\forall\forall}{\succ}$	WATER VALVE
\boxtimes	WATER METER
UGE_UGE	UNDERGROUND ELECTRIC LINE w/light pole
S)-55	SANITARY SEWER LINE w/MANH
CO	SANITARY SEWER CLEANOUT
SDSDSDSDSD	STORM DRAIN LINE w/STRUCTU
 N/A	KEY NOTE REFERENCE

KEY NOTES

- (1.) REMOVE EXISTING CONCRETE CURB AND GUTTER AS REQUIRED FOR NEW CONSTRUCTION
- 2. REMOVE EXISTING SIGN AND REINSTALL FOLLOWING CONSTRUCTION
- (3.) SEE ARCH PLANS FOR DIRECTION ON REMOVAL OF EXISTING HANDRAIL
- PERFORM PRIVATE UTILITY LOCATE WITHIN EXPANDED PORCH AREA AND RAMP PRIOR TO ANY EXCAVATION TO VERIFY LOCATION OF EXISTING WATER LINES 4.)



(IN FEET) 1 inch = 10 ft.







NEW	EXISTING	DESCRIPTION
N/A	$- \bullet$	BENCHMARK/CONTROL POINT
N/A		BUILDING
N/A	$\dot{\mathbf{x}}$	LIGHT POLE
N/A		CURB AND GUTTER Concrete surface Bituminous surface
$\left(\begin{array}{c}1\end{array}\right)$	N/A	KEY NOTE REFERENCE

		GRA	APHIC	SC	ALE
(o :	5 1 	0 I	2	0 I
		1	(IN FEE inch = 1 $($	ET) Df	t.

	LEGE	ND
NEW	EXISTING	DESCRIPTION
N/A N/A N/A		BENCHMARK/CONTROL POINT PROPERTY LINE/RIGHT OF WAY BUILDING
N/A		TREE CONTOUR
× (829.50)	× 829.50	SPOT ELEVATION
N/A		FIRE HYDRANT
N/A	<i>\U01</i>	LIGHT POLE
N/A	WV	WATER VALVE
N/A		WATER METER
N/A	WW	WATER MAIN/SERVICE
N/A	SDSDSDSDSD	STORM DRAIN LINE w/STRUCTURE
N/A	S = SS SS _SSSS _SSSS _SSSS _SSSS _SSSS _SSSS _SS	SANITARY SEWER LINE w/MANHOLE
N/A	CO	SANITARY SEWER CLEANOUT
N/A	<u> </u>	CHAIN LINK FENCE
$\left(\begin{array}{c}1\end{array}\right)$	N/A	KEY NOTE REFERENCE

<u>GRADING NOTES:</u>

- 1) DURING CONSTRUCTION AND UNTIL TURF IS ESTABLISHED, USE THE SILT FENCE STORM INLET SEDIMENT TRAP SHOWN ON DETAIL SHEET AROUND ALL INLETS AND PLACE AND MAINTAIN SILT FENCES AS REQUIRED TO PREVENT EROSION AND SEDIMENTATION RUNOFF.
- 2) CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS PRIOR TO BEGINNING WORK. CON-TRACTOR SHALL VERIFY LOCATION AND AVAILABILITY OF ALL UTILITIES AFFECTING THE PROJECT ON AND OFF THE SITE.
- 3) THE CONSTRUCTION OF ALL STREETS & DRAINAGE FACILITIES SHALL BE GOVERNED SCDOT STANDARD SPECIFICATIONS, LATEST EDITION
- 4) CONTRACTOR SHALL USE THE INLET SEDIMENT PROTECTION ON ALL INLETS UNTIL THE AREA DRAINING TO THE INLET HAS BEEN STABILIZED.
- 5) ALL FILL AREAS TO BE COMPACTED AS RECOMMENDED IN THE GEOTECHNICAL REPORT AND SPECS.
- 6) CONTRACTOR TO INSTALL ADDITIONAL EROSION CONTROL MEASURES AS REQUIRED BY CITY OF COLUMBIA.
- 7) PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING ALL UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY CONSTRUCTION.
- 8) CONTRACTOR TO REPAIR ANY DAMAGE DONE TO EXISTING PAVEMENT, FENCING, ETC. DUE TO CONSTRUCTION ENTIRELY AT HIS EXPENSE.
- 9) CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO THE PAVED ROADWAY FROM CONSTRUCTION AREAS. CONTRACTOR TO DAILY REMOVE MUD/SOIL FROM PAVEMENT AS REQUIRED.
- 10) ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER
- TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
- 11) ALL UNDERGROUND LOCATIONS ARE APPROXIMATE PER DRAWINGS AND LOCATIONS SUPPLIED BY VARIOUS UTILITY COMPANIES.
- 12) SEE SOILS REPORT FOR RECOMMENDATIONS AND CONDITIONS OF EXISTING SOILS.
- 13) ALL DEMOLISHED ITEMS TO BE REMOVED FROM SITE AND DISPOSED OF IN LEGAL MANNER.

AIRBORNE DUST CONTROL

THE CONTRACTOR SHALL IMPLEMENT DUST CONTROL MEASURES AS OUTLINED IN THE SOUTH CAROLINA DHEC STORMWATER MANAGEMENT BMP HANDBOOK AS NEEDED TO CONTROL AIRBORNE DUST DURING CONSTRUCTION. COORDINATE WITH ENGINEER PRIOR TO IMPLEMENTATION OF VARIOUS MEASURES.

CONSTRUCTION SEQUENCE OF ENTIRE CONSTRUCTION AREA FOR EROSION AND SEDIMENT CONTROL

- 1. PRE-CONSTRUCTION MEETING (ON-SITE IF MORE THAN 10 DISTURBED AND NON-LINEAR).
- NOTIFY CITY OF COLUMBIA OFFICE 48 HOURS PRIOR TO BEGINNING LAND-DISTURBING ACTIVITIES.
 INSTALLATION OF PERIMETER CONTROLS (E.G., SILT FENCE, INLET PROTECTION ON EXISTING STRUCTURES).
 CLEARING & GRUBBING OF SITE FOR DEMOLITION (SEDIMENT & EROSION CONTROL MEASURES FOR THESE AREAS MUST ALREADY BE INSTALLED).
- 5. BUILDING DEMO/RENOVATION WORK 6. ROUGH GRADING.
- INSTALLATION OF STORM DRAIN SYSTEM AND PLACEMENT OF INLET PROTECTION AS EACH INLET IS INSTALLED.
 INSTALLATION OF SITE PLANTER WALLS
- 9. FINE GRADING 10. EXTERIOR CONCRETE INSTALLATION 11. FINAL SITE LANDSCAPING AND CLEANUP
- 12. REMOVAL OF TEMPORARY SEDIMENT & EROSION CONTROL MEASURES AFTER ENTIRE AREA DRAINING TO THE STRUCTURE IS FINALLY STABILIZED (THE DEPARTMENT RECOMMENDS THAT THE PROJECT OWNER/OPERATOR HAVE THE SWPPP PREPARER OR REGISTRATION EQUIVALENT APPROVE THE REMOVAL OF TEMPORARY STRUCTURES).

EROSION AND SEDIMENT CONTROL MEASURES

GENERAL

THE CONTRACTOR IS ADVISED THAT ALL GRADING AND DRAINAGE WORK ON THE PROJECT IS PERMITTED UNDER THE REQUIREMENTS OF THE SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL, DIVISION OF STORMWATER MANAGEMENT. COMPLIANCE WITH THE PERMITTED CONDITIONS IS MANDATORY. THE CONTRACTOR SHALL RELY ON EXPERIENCE AND CONTROL OF THE WORK TO PROVIDE ADEQUATE AND ORDERLY CONSTRUCTION METHODS TO CONTROL STORMWATER RUNOFF AND PREVENT THE EXCESSIVE MIGRATION OF SEDIMENTS FROM THE SITE. THE CONTRACTOR ALSO SHALL DIRECT INSTALLATION OF NECESSARY TEMPORARY CONSTRUCTION MEASURES TO CONTROL STORMWATER RUNOFF. ALL STORMWATER MANAGEMENT MEASURES SHALL BE INSPECTED AFTER EACH RAIN EVENT AND ANY REQUIRED MAINTENANCE SHALL BE PERFORMED.

SILT FENCES

SILT FENCES OR EQUIVALENT SEDIMENT CONTROL SHALL BE INSTALLED WHERE INDICATED AND MAINTAINED IN ACCORDANCE WITH THIS PLAN.

STORM DRAINAGE STRUCTURES

TEMPORARY BARRIERS OF EITHER SILT FENCING OR ROCK RIPRAP SHALL BE INSTALLED AND MAINTAINED AROUND STORM DRAINAGE STRUCTURES UNTIL THEIR DRAINAGE AREA IS STABILIZED. STORM DRAINAGE PIPES, INCLUDING OUTLET PROTECTION, SHALL BE INSTALLED AS SOON AS EARTH GRADING IS ADEQUATE TO ACCEPT PIPE INSTALLATION. INLET STRUCTURES SHALL BE CONSTRUCTED AS THE EARTHFILL IS PLACED AND CONSTRUCTION SHALL AT ALL TIMES PROVIDE SURFACE DRAINAGE TO THEM. TEMPORARY BARRIERS SHALL BE INSTALLED AND MAINTAINED AT EACH INLET AS THE EARTH FILL RISES.

STABILIZATION OF DISTURBED AREAS DISTURBED AREAS SHALL RECEIVE STABILIZING MEASURES WITHIN 14 DAYS AFTER DISTURBANCES, UNLESS CONSTRUCTION WILL RESUME IN THAT AREA WITHIN 21 DAYS FROM WHEN ACTIVITIES CEASED.

INSPECTION AND MAINTENANCE

SEDIMENT CONTROL SYSTEMS SHALL BE INSPECTED AT LEAST WEEKLY AND AFTER ANY RAINFALL EVENT EXCEEDING 0.5 INCH. ANY NEEDED CORRECTIONS OR MAINTENANCE SHALL BE ACCOMPLISHED IMMEDIATELY THEREAFTER.

REMOVAL OF SEDIMENT CONTROL SYSTEMS TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED AFTER EACH AFFECTED AREA HAS BEEN "FINALLY STABILIZED".

TEMPORARY DIVERSIONS

TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR DIVERT SEDIMENT LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS. TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO PREVENT FLOW OF STORMWATER OVER DISTURBED AREA. TEMPORARY DIVERSION OUTLETS SHALL HAVE ADEQUATE CAPACITY AND TERMINATE INTO DENSE VEGETATION, ROCK RIP RAP, STORM STRUCTURES OR SIMILAR MEASURES TO REDUCE EROSION AT THE OUTLET. TEMPORARY DIVERSION CHANNELS SHALL BE CONSTRUCTED AND MAINTAINED AT A MINIMUM OF 1 PERCENT GRADE AND A MAXIMUM GRADE OF 2 PERCENT. THE CAPACITY OF TEMPORARY DIVERSIONS SHALL BE RESTORED ANYTIME THE EXCAVATED CHANNEL BECOMES FULL OF SEDIMENT AT ANY POINT IN THE LENGTH OF THE DIVERSION. THE RIDGE AND CHANNEL OF THE TEMPORARY DIVERSIONS SHALL BE STABILIZED WITH TEMPORARY VEGETATION IMMEDIATELY AFTER CONSTRUCTION AND RE-STABILIZED AFTER EACH DISTURBANCE.

SEDIMENT AND EROSION CONTROL NOTES

- 1. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN THROUGHOUT THE LENGTH OF CONSTRUCTION SILT FENCES AT ALL STORM DRAINAGE STRUCTURES AND ALONG THE PERIMETER OF CONSTRUCTION AS NECESSARY TO CONTAIN ALL SEDIMENT RUNOFF WITHIN THE AREAS DISTURBED BY CONSTRUCTION.
- 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.
- 3. ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED AT LEAST ONCE 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 OR IDENTIFICATION.
- SEDIMENT DEPOSITS SHOULD BE REMOVED WHEN THEY REACH ONE-THIRD THE HEIGHT OF THE SEDIMENT FENCE.
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR STABILIZING ALL SLOPES FROM FINISH GRADE TO NATURAL GROUND AND FOR PREVENTING EXCESSIVE EROSION FROM OCCURRING. IMMEDIATELY AFTER ESTABLISHING THE INTERMEDIATE ROUGH GRADE SLOPES AND AFTER REACHING THE FINAL GRADE SLOPES, THE CONTRACTOR SHALL PROVIDE GRASSING OF THESE SLOPES. WHEN SLOPES ARE DISTURBED BY SUBSEQUENT EXCAVATIONS FOR OTHER ITEMS, THE CONTRACTOR SHALL INSPECT THE REPAIRS AND CORRECT ANY DEFICIENCIES IN THE REPAIRS.
- 6. ALL GRADING WORK SHALL CONFORM SUBSTANTIALLY WITH THE GRADING PLANS. WHERE SPOT GRADES ARE INDICATED ON THE PLANS, THEY SHALL BE ESTABLISHED BY SCALING AND SHALL TAKE PRECEDENCE OVER CONTOURS. ALL GRADING BETWEEN SPOT GRADES SHALL BE SMOOTH AND UNIFORM.
- 7. THE CONTRACTOR SHALL ADEQUATELY COORDINATE THE INSTALLATION OF THE STORM DRAINAGE SYSTEM TO ENSURE THAT POSITIVE RUNOFF OF STORMWATER IS EFFECTED BOTH DURING CONSTRUCTION AND AFTER COMPLETION OF THE WORK.
- 8. IF NECESSARY, SLOPES WHICH EXCEED 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.
- 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. 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.
 10. THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE TRACKING OF MUD ONTO PAVED ROADWAY FROM CONSTRUCTION AREAS AND GENERATION OF DUST.
- 11. 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 OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
- 12. TEMPORARY DIVERSION BERMS AND/OR DITCHES SHALL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR DIVERT SEDIMENT-LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.
- 13. 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 AREAS AND ALL WoS. A 10-FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WoS.
 14. LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF
- FRESHLY TREATED LUMBER), AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORMWATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORMWATER DISCHARGES.
- 15. A COPY OF THE SWPPP, INSPECTIONS 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.
 16. INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND-DISTURBING ACTIVITIES HAVE
- 17. MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.
- 18. MINIMIZE 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.
- 19. 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.).
- 20. 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, FROM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS;
 FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE; AND
 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 PRACTICAL. 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.
- 23. 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.
- 24. 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 SCR100000.

GRAPHIC SCALE

(IN FEET)

LANDSCAPE SPECIFICATIONS

1. The term contractor shall refer to the landscape contractor in the landscape specifications. 2. The contractor shall notify the architect if existing site conditions are found to be different than shown on the landscape plan. The contractor shall keep a copy of the landscape plan and specifications on the site at all times while work is in progress. Request clarification from architect if any conflicts occur between plans, notes and specifications. 3. All plants shall conform to "American Standard for Nursery Stock", latest edition.

installation. A copy shall be sent to the architect. Take random samplings across site. 16. Call to locate utilities prior to digging. Contact architect if there are any conflicts with utilities and designated planting A. 3 cubic yards of mushroom compost B. 15 lbs. of agricultural gypsum C. 25 lbs of 16-4-8 100% slow release fertilizer

All plants shall be symmetrical, typical of their species, sound, healthy, vigorous, free from disease and pests and shall have normal root systems. Plants shall be transported with a covering to avoid wind damage. Plants not found to be acceptable shall be removed from site and replaced at contractors expense. 4. All plants shall be warranted against death or unhealthy condition for a period of one (1) year from date of final acceptance of the landscape installation. Theft of plants, vandalism or lack of reasonable care are excluded from this warranty. Owner to provide adequate watering. To exclude a plant from this warranty due to lack of reasonable care, such as lack of adequate watering or abuse, the contractor must notify the owner/owner representative in writing prior to death of plant. clean-up. 6. No part of this work shall be performed or installed in any manner or location which would endanger the health, safety or welfare of the public now or in the future. landscape installation, including safety of all persons and property: that this requirement shall apply continuously and not be limited to normal business hours. period. 10. Where sizes are given, these are minimum sizes. must be scheduled with a minimum of 48 hours notice to architect. 12. Contractor shall not change grade to cause water to stand or divert water runoff in an inappropriate manner. Contractor shall put 13. Grade at start of landscape installation shall be +/- 0.1' finished grade. Fine grade and remove rocks problems prior to installation starting. All grades shall slope away from building for adequate positive drainage. Final grade shall be made smooth and even by contractor. 14. Remove all existing sod and weeds in proposed plant beds prior to installation. 15. Contractor shall provide full adequate agronomic soil test with recommendations for amendments no less than 2 weeks prior to areas. 17. Install irrigation prior to plantings. Provide owner with accurate as-built prior to final acceptance. Coordinate with Owner where existing irrigation can be pulled from and include irrigation design to adequate water proposed installation. 18. All planting areas shall receive the following soil preparation prior to planting. Till all beds to the depth of 6". Incorporate the following soil amendments. Quantities are minimums per 1,000 s.f. 19. Burden of proof of soil amendment shall rest on contractor. Soil tests if necessary to confirm compliance with soil amendment shall be completed at expense of contractor. 20. Tree calipers shall be measured 6" above the rootball for trees 4" caliper or less and 12" above the rootball for trees in excess of 4" caliper. 22. Trees shall be planted no closer than 4' from all hardscaping. 23. Trees shall not be planted any closer than 4' from utility lines. Relocate slightly if necessary. 25. Planting hole shall be made 2 times the width of the rootball. Set plant with rootball to match previous grade. Set plant in center of hole, plumb and with best side out towards highest visibility. Backfill in a manner that avoids air pockets. Backfill to be 2 parts soil:1 part mushroom compost: 26. Set B&B plants in hole to with rootball to match previous grade, backfill 2/3 , remove top portion of burla complete backfill. Backfill to be 3 parts soil from pit: 1 part mushroom compost. chemicals to be kept in their original container and shall be handled and applied in accordance with laws. 28. Install shredded hardwood mulch to all beds as shown for a depth of 2 inches. Treat with preemergent herbicide prior to mulch installation.

5. Landscape work includes but is not limited to grubbing out weeds, soil preparation, tilling, planting, mulching, weed control and 7. The contractor agrees that he/she shall assume sole and complete responsibility for the job related site con 8. During installation all on-site plant material must be watered and all work maintained by the contractor for the entire installation 9. The contractor shall comply with all applicable rules, regulations, laws and ordinances imposed by authorities having jurisdiction over the project site. If any of the plans or specifications are in conflict with the governing regulations then the plans or specifications shall not apply and the contractor shall give written notice of the conflicts. 11. All substitutions must be in writing and can only be approved by architect in writing. Any requests for on-site meetings up necessary erosion control fabric to contain soil on-site. 2" diameter or larger. Eliminate depressions that would hold water. Inform architect of drainage 21. No B&B plants shall be accepted if the rootball is broken or loose. 24. Rootball for containerized plants shall hold all soil from pot when removed from pot, but not be rootbound. 27. Apply pre-emergence as per manufacturers recommendations. Check label for plant compatibility. All

29. Guy and stake trees. Guy in a manner that avoids putting stress on smaller limbs and avoid wires scrapping 30. Remove all tags from trees to avoid future girdling.

31. Deep water all new planting within the first 24 hours of installing. Keep watered as necessary during entire installation period. 32. All pruning must have prior written approval by architect.

33. Areas not designated as planting beds shall be sodded as per plans. All grass shall be common Bermuda 34. All areas to be sodded or seeded shall be disked or tilled to the depth of 6", then fine graded. Remove weeds, stones and debris prior to laying sod. Eliminate any uneveness prior to installation. 35. Lay sod with hand tight joints. Lay perpendicular to slope. Roll to assure good contact of roots with soil 36. Lightly water immediately after installation.

37. Apply a preemergent to control weeds. DO NOT APPLY PREEMERGENT TO AREAS TO BE SEEDED. All disturbed areas not designated as planting bed or sod shall be seeded. Seed for permanent stand of grass. Bare areas 8" diameter or greater shall be reseeded.

38. Apply a root stimulating fertilizer as per manufacturers recommendations.

39. Clean up site daily of all related materials in regards to landscape installation. Keep tools safely placed during daily progress. 40. Contractor shall maintain landscape throughout the installation until time of final acceptance. 41. Any plants that die or are found to be unacceptable shall be replaced within 6-8 weeks of notification, weather and planting conditions permitting.

BOTANICAL NAME	COMMON NAME	SIZE	QTY
LIRIODENDRON TULIPIFERA 'EMERALD CITY'	TULIP POPLAR	3" CAL	1
MISCANTHUS SINENSIS 'LITTLE KITTEN'	FOUNTAIN GRASS	3 GAL	26
NANDINA DOMESTICA 'HARBOR DWARF'	NANDINA	3 GAL	18
PITTOSPORUM TOBIRA 'GLEN COMPACT'	COMPACT PITTOSPORUM	3 GAL	17
SABAL PALMETTO	PALMETTO	12' HT.	1
SPIREA JAPONICA 'LITTLE PRINCESS'	SPIREA	3 GAL	10
	BOTANICAL NAMELIRIODENDRON TULIPIFERA 'EMERALD CITY'MISCANTHUS SINENSIS 'LITTLE KITTEN'NANDINA DOMESTICA 'HARBOR DWARF'PITTOSPORUM TOBIRA 'GLEN COMPACT'SABAL PALMETTOSPIREA JAPONICA 'LITTLE PRINCESS'	BOTANICAL NAMECOMMON NAMELIRIODENDRON TULIPIFERA 'EMERALD CITY'TULIP POPLARMISCANTHUS SINENSIS 'LITTLE KITTEN'FOUNTAIN GRASSNANDINA DOMESTICA 'HARBOR DWARF'NANDINAPITTOSPORUM TOBIRA 'GLEN COMPACT'COMPACT PITTOSPORUMSABAL PALMETTOPALMETTOSPIREA JAPONICA 'LITTLE PRINCESS'SPIREA	BOTANICAL NAMESIZELIRIODENDRON TULIPIFERA 'EMERALD CITY'TULIP POPLAR3" CALMISCANTHUS SINENSIS 'LITTLE KITTEN'FOUNTAIN GRASS3 GALNANDINA DOMESTICA 'HARBOR DWARF'NANDINA3 GALPITTOSPORUM TOBIRA 'GLEN COMPACT'COMPACT PITTOSPORUM3 GALSABAL PALMETTOPALMETTO12' HT.SPIREA JAPONICA 'LITTLE PRINCESS'SPIREA3 GAL

NOTES: 1) CONTRACTOR TO REPAIR ANY SOD AREAS DAMAGED WITH NEW AS REQUIRED 2) HARDWOOD MULCH TO BE 2" THICK

PROPOSED SOD **PROPOSED SHRUB** PROPOSED TREE

LANDSCAPE LEGEND

(3) EXISTING IRRIGATION MAINLINE STUB-UP. ADD 1 VALVE FOR DRIP COVERAGE OF TREE AND SHRUBS AND 1 VALUE FOR SPRAY HEAD COVERAGE OF TURF. VALVES TO BE RAINBIRD PEB. DRIPLINE TO BE XERI-BUG EMITTERS; SPRAY HEADS TO BE 1800 SERIES BY RAINBIRD. PROVIDE TBOS BATTIERY-OPERATED CONTROLLER FOR NEW VALVES.

(2.) NEW BERMUDA SOD (TIFWAY 419)

(1.) NEW 2" THICK HARDWOOD MULCH

KEY NOTES

GRAPHIC SCALE

(IN FEET) 1 inch = 10 ft.

- 1 EXISTING WOOD FLOORING TO REMAIN. REPAIR / PROTECT FLOOR AS REQUIRED.
- (2) EXISTING METAL THRESHOLD TO REMAIN. PROTECT AS REQUIRED.
- B) EXISTING LIGHTS TO BE REMOVED, SEE ELECTRICAL.

- (6) REMOVE, PROTECT AND REINSTALL PORTION OF EXISITING GUARDRAIL IN RENOVATED CONFIGURATION.
- REMOVE EXISTING REMOVABLE GUARDRAIL. GC TO
- CONCRETE TO BE FILLED AND PROVIDE FLUSH SURFACE.
- (9) PROTECT ALL EXISTING TO REMAIN, UNLESS OTHERWISE NOTED.

FIRST FLOOR PLAN <2 > AR1.1 / 1/4" = 1'-0" REFERENCED ON: A1.1

GENERAL NOTES - FIRST FLOOR PLAN

- 1. SEE T1.1 FOR MINIMUM REQUIRED ADA MANEUVERING CLEARANCES.
- 2. DIMENSIONS INDICATED ON THESE DRAWINGS ARE TO FACE OF CMU WALL, FACE OF EXTERIOR VENEER, FACE OF STUD WALL, FACE OF CONCRETE OR CENTERLINE OF COLUMN UNLESS OTHERWISE INDICATED. COORDINATE ALL DIMENSIONS WITH STRUCTURAL DIMENSION PLANS, ENLARGED PLANS, SECTION AND DETAIL DRAWINGS, AND STRUCTURAL DRAWINGS AND VERIFY EXACT LOCATIONS. COORDINATE ALL FLOOR SLAB PENETRATIONS WITH SYSTEM DRAWINGS (S'S, M'S, P'S, AND E'S) AND ACTUAL PRODUCT TO BE INSTALLED AND VERIFY LOCATIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO INSTALLATION.
- 3. ALL EXISTING COLUMNS ARE TO REMAIN.
- 4. PATCH ALL EXISTING HOLES IN CONCRETE STRUCTURE TO REMAIN, SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- 5. CONTACT OWNER UPON DISCOVERY OF ANY SUSPECTED ASBESTOS-CONTAINING MATERIALS OR OTHER SUSPECTED HAZARDOUS MATERIALS NOT SHOWN TO BE REMOVED WITHIN THE PROJECT SCOPE.

KEYNOTES - FIRST FLOOR PLAN

- (1) INVERTED U BIKE RACK, OWNER PROVIDED, OWNER INSTALLED. QUANTITY:10
- 2 NEW CONTINUOUS STEEL CABLE RAILING WITH STAINLESS STEEL POSTS AND TOP PLATE TO MATCH ADJACENT EXISTING.
- 3 NEW CONTINUOUS STEEL CABLE RAILING WITH STAINLESS STEEL POSTS AND TOP PLATE TO MATCH EXISTING AND 1 1/2" DIAMETER HANDRAIL WELDED TO VERTICAL POSTS.
- (4) INFILL EXISTING CONCRETE HOLES AT REMOVABLE GUARDRAIL AT OVERHEAD DOOR. G.C. TO CUT/SAND/REMOVE EXISTING
- GUARDRAIL SLEEVES TO ENSURE FLUSH SURFACE.
- 5 NEW WALL MOUNTED LIGHT FIXTURE, SEE ELECTRICAL. NEW RAISED CONCRETE PATIO, SEE CIVIL AND STRUCTURAL.
- PATIO.

MATCH CONCRETE FINISH TO EXISTING RAISED CONCRETE

- 7 NEW CONCRETE RAMP, SEE CIVIL AND STRUCTURAL. MATCH CONCRETE FINISH TO EXISTING RAISED CONCRETE PATIO
- (8) SEE CIVIL FOR NEW SIDEWALK.
- (9) SEE LANDSCAPE PLAN PLANTINGS REQUIRED IN SCOPE OF THIS PROJECT.

1 FOUNDATION PLAN 51.1 1/4" = 1'-0"

2 SECOND FLOOR ELECTRICAL RENOVATION PLAN ER1.1 SCALE: 1/8" = 1'-0"

				LIGHT FIXTURE SCH	IEDUL	.E			
		FIXTUR	E SPECIFICATION	S		LAMPING	ELEC	FRICAL	
		FIXTURE					FIXT.		
SYMBOL	TYPE	DESCRIPTION	MANUFACTURER	CAT. #	NO.	LAMP TYPE	LOAD	VOLTS	МО
· 모	A	LED WALL MOUNT DOWNLIGHT	LIGMAN	UTA-31871-28W-T4-W30 -120V/277V-06-F-SCE	_	LED (1987 LUMENS, 3000K)	28	277 V	
	AE	SAME AS TYPE "A", WITH BATTERY PACK	LIGMAN	UTA-31871-28W-T4-W30 -120V/277V-06-F-SCE- EMG	_	LED (1987 LUMENS, 3000K)	28	277 V	
	E	EXISTING FIXTURE TO REMAIN							
				LIGHT FIXTURE SCHE	EDULE	NOTES			

1 LUMENS LISTED IN SCHEDULE REPRESENT DELIVERED LUMENS OF FIXTURES. 2 THREE DIGIT NUMBERS LISTED IN LAMP COLUMN REPRESENT CRI AND COLOR TEMPERATURE. FIRST DIGIT INDICATES MINIMUM CRI AND LAST TWO DIGITS EXAMPLE: 830 INDICATES MINIMUM CRI OF 80 AND A COLOR TEMPERATURE OF 3000K.

3 SEE ARCHITECTURAL RCP AND ELEVATIONS FOR EXACT LOCATION AND MOUNTING HEIGHTS. 4 CONFIRM QUANTITIES OF FIXTURES SHOWN IN RCP MATCH QUANTITIES SHOWN ON ELECTRICAL PLANS PRIOR TO BID. IF NO DISCREPANCIES ARE NOTED PRIOR TO BID THE HIGHEST QUANTITY OF EACH FIXTURE TYPE SHOWN SHALL BE PROVIDED.

FOR EACH FIXTURE LISTED IN THE LIGHTING FIXTURE SCHEDULE THE FIRST MANUFACTURER LISTED IS THE BASIS OF DESIGN. MODEL NUMBERS LIS MANUFACTURER ONLY. ANY OTHER MANUFACTURER'S LISTED INDICATE THAT THEY MAY BE CONSIDERED AS A PRIOR APPROVED EQUAL. PRIOR APPR THE ABILITY TO PROVIDE AN EQUAL FIXTURE TO THE BASIS OF DESIGN. 6 CONTRACTORS MAY SUBMIT PROPOSED EQUALS FOR ANY FIXTURES LISTED TO ENGINEER FOR REVIEW 10-DAYS PRIOR TO BID.

1 EXISTING FIXTURES SHALL BE REMOVED BY ELECTRICAL CONTRACTOR. RETAIN CIRCUIT FOR USE WITH TYPE "A" & "AE" FIXTURES. TYPE "A" & "AE" FIXTURES SHALL BE INSTALLED IN SAME LOCATION AS DEMOLISHED FIXTURES. RE-USE EXISTING CIRCUIT.

	ELECTRICAL SYMBOL LEGEND
SYMBOL	DESCRIPTION
Ģ	JUNCTION BOX (WALL MTD)
R	SECURITY CARD READER
N N	CCTV CAMERA (WALL MOUNTED)
िम	SPEAKER (WALL MOUNTED)
	PANELBOARD (SURFACE MOUNTED)

	MOUNTING REMARKS	NOTES		
	WALL			
	WALL			
)	DIGITS INDICATE COLOR TEN	MPERATURE.		

NOILD	1 1/1				mor		
ISTED	ARE	FOR	THE	BASIS	OF	DESI	GN
PROVE	D EQ	UAL,	SHAL	_L BE	DEFI	NED	AS

	DEMOLITION/RENOVATION NOTATION
	IF NO ANNOTATION IS SHOWN ASSUME EXISTING TO REMAIN IN
	PLACE FOR SOLID LINES AND DEMOLISH FOR DASHED LINES.
	DEVICES AND EQUIPMENT NOT SHOWN SHALL BE ASSUMED TO
	BE EXISTING TO REMAIN IN PLACE.
Е	EXISTING FIXTURE OR DEVICE TO REMAIN IN PLACE. REPLACE

- ANY BROKEN DEVICES OR PLATES; COLOR TO MATCH EXISTING. R EXISTING FIXTURE OR DEVICE TO BE REMOVED BY THE ELECTRICAL CONTRACTOR. MAINTAIN CONTINUITY OF REMAINING PORTIONS OF BRANCH CIRCUIT.
- RE EXISTING DEVICE TO BE REMOVED BY THE ELECTRICAL CONTRACTOR. EXISTING CIRCUIT SHALL BE RETAINED. PROVIDE NEW DEVICE AS SHOWN ON RENOVATION PLANS. RN RELOCATED FIXTURE (NEW LOCATION).
- RR EXISTING FIXTURE TO BE RELOCATED BY THE ELECTRICAL CONTRACTOR TO NEW LOCATION SHOWN ON RENOVATION PLAN.

ELECTRICAL DRAWING INDEX SHEET NAME ER1.1 BIKE RAMP ELECTRICAL PLANS

