

University of South Carolina Upstate

Exterior Lighting Upgrades

State Project Number - H34-9544-JM-C

BID DOCUMENTS

April 11, 2014

PROJECT MANAGEMENT

PROJECT CLIENT



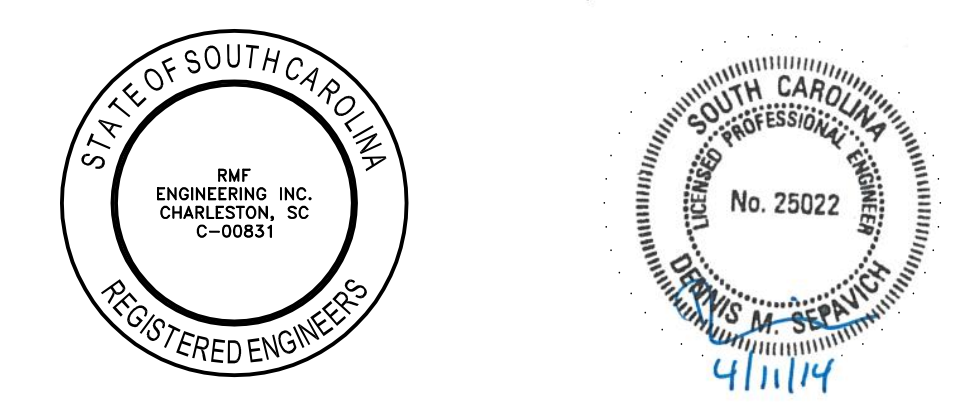
RMF ENGINEERING INC.

194 SEVEN FARMS DR. STE G
 CHARLESTON, SOUTH CAROLINA 29492
 PHONE: 843-971-9639
 FAX: 843-971-9641
<http://www.rmf.com>

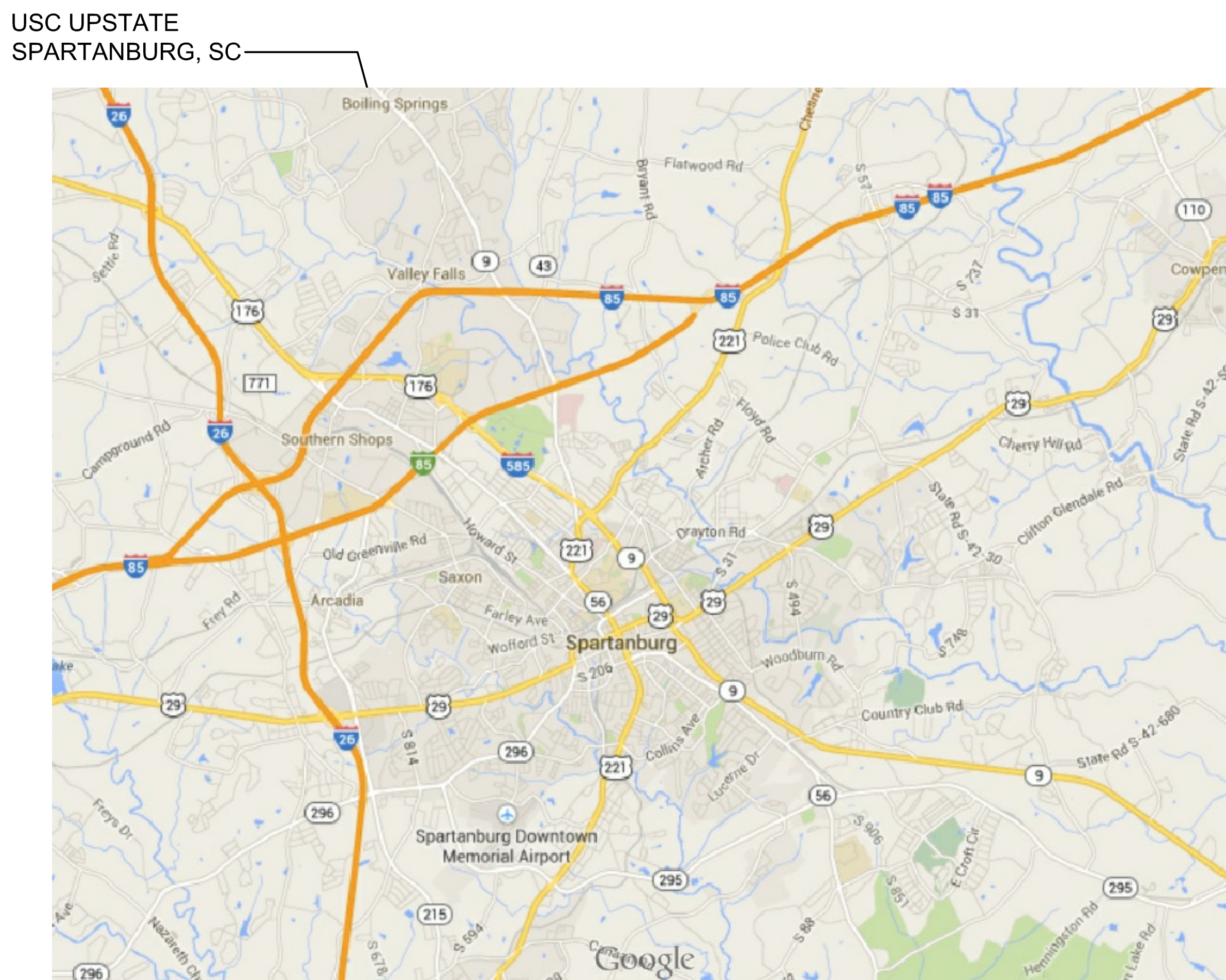
University of South Carolina Upstate

FACILITIES DEPARTMENT
 800 UNIVERSITY WAY
 SPARTANBURG, SOUTH CAROLINA 29303
<http://www.uscupstate.edu>

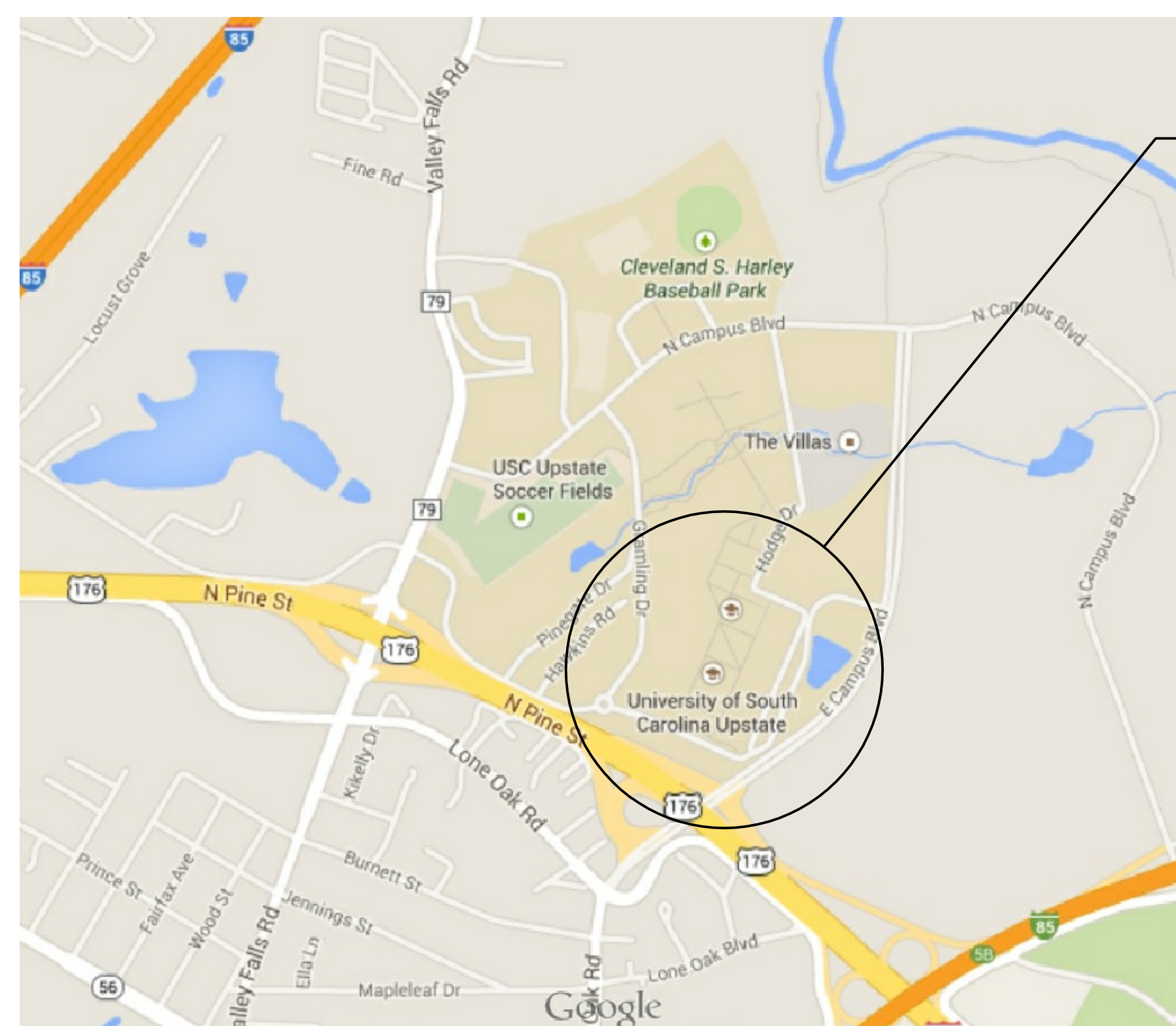
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
BID	DOCUMENTS	4/11/14	



VICINITY MAP



LOCATION MAP



USC UPSTATE
 800 UNIVERSITY WAY
 SPARTANBURG, SC

DRAWING INDEX

SHEET	SHEET DESCRIPTION
T000	TITLE SHEET
ELECTRICAL DRAWINGS	
E1.00	OVERALL PLAN
E1.01	SITE LIGHTING PLAN
E1.02	SITE LIGHTING PLAN
E1.03	SITE LIGHTING PLAN
E1.04	SITE LIGHTING PLAN
E1.05	SITE LIGHTING PLAN
E1.06	SITE LIGHTING PLAN
E2.00	ELECTRICAL DETAILS

SCALE: NONE DATE: 4/11/14
 DRAWN BY: DMS RMF JOB #: 312295.00
 DESIGNED BY: DMS CLIENT JOB #: CP00394918
 PROJ. MANAGER: DMS STATE JOB #: H349544.JMC

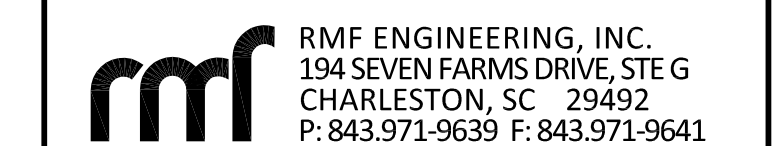
USC UPSTATE
 EXTERIOR LIGHTING UPGRADES

CODE REFERENCES

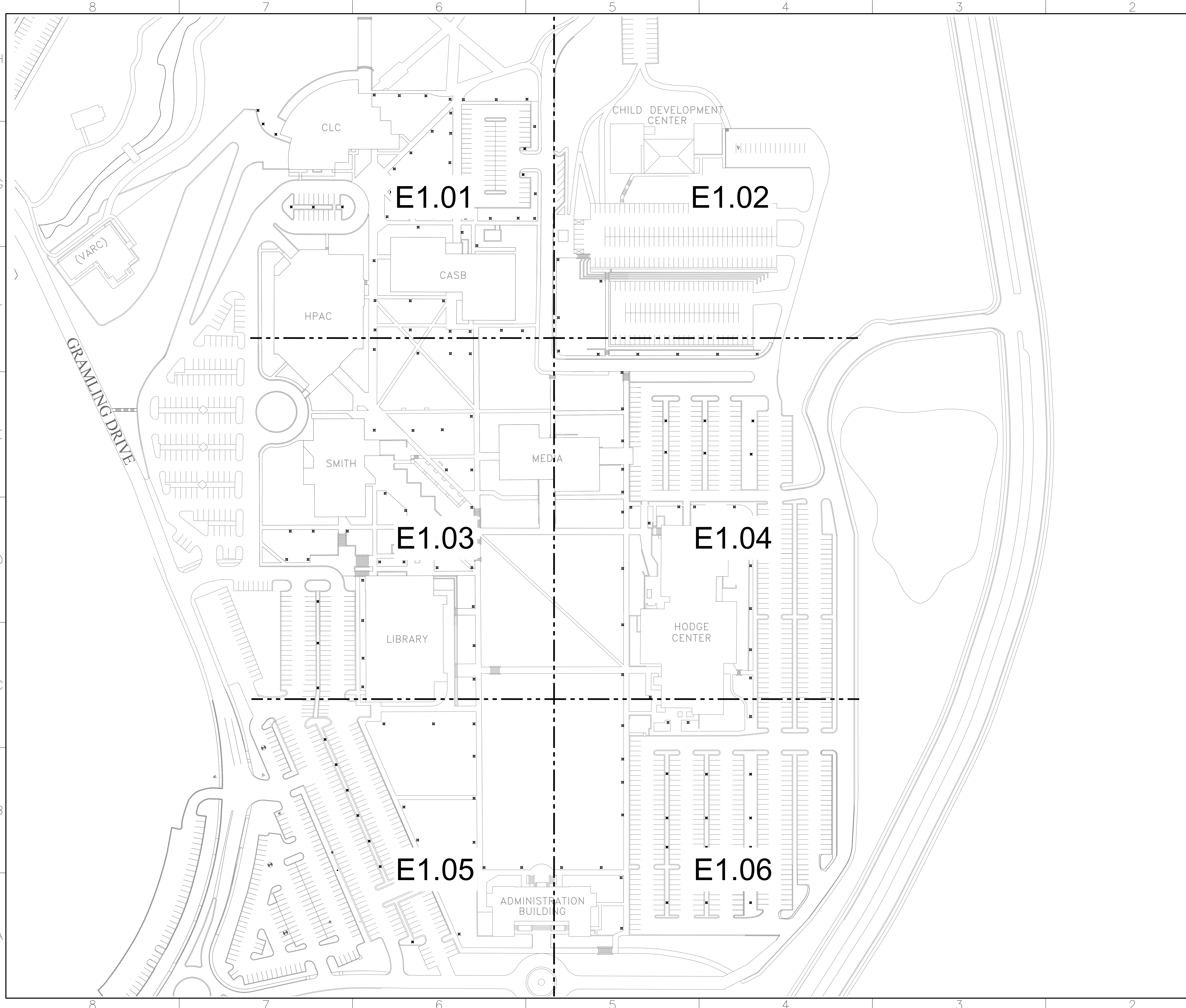
- PROJECT DESIGNED IN ACCORDANCE WITH:
- INTERNATIONAL BUILDING CODE (IBC), 2012 EDITION
 - INTERNATIONAL EXISTING BUILDING CODE (IEBC), 2012 EDITION
 - INTERNATIONAL FIRE CODE (IFC), 2012 EDITION
 - INTERNATIONAL ENERGY CONSERVATION CODE, 2009 EDITION
 - NATIONAL ELECTRIC CODE (NEC) [NFPA-70], 2011 EDITION
 - NATIONAL ELECTRIC SAFETY CODE, ANSI-C2-2012 EDITION
 - STATE FIRE MARSHALL RULES, REGULATIONS, AND POLICIES.



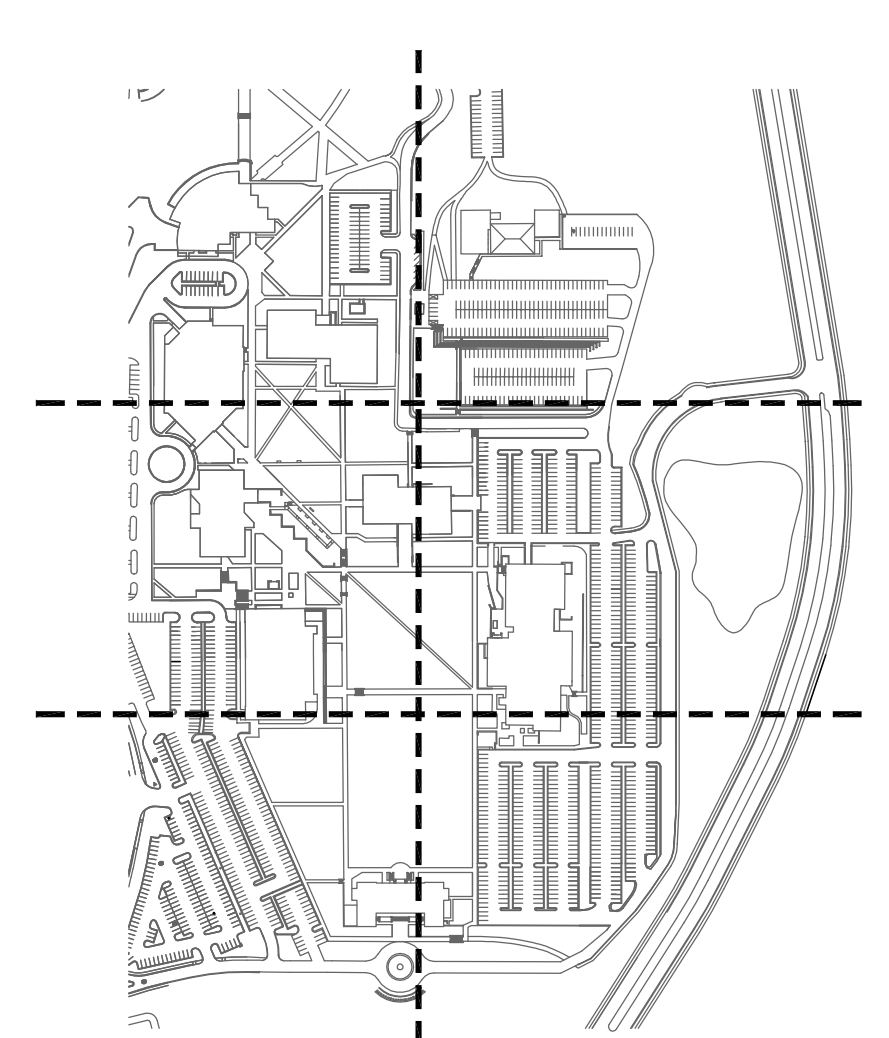
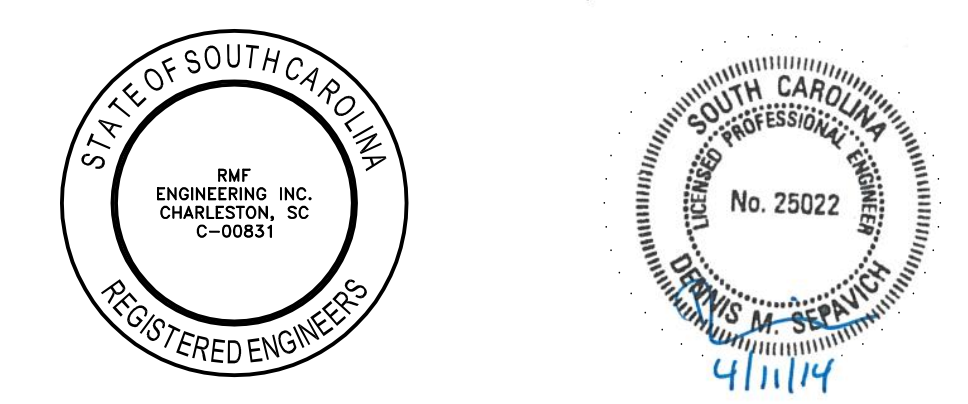
TITLE SHEET



T0.00



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
BID	DOCUMENTS	4/11/14	



KEY PLAN
SCALE: NONE

SCALE:	NONE	DATE:	4/11/14
DRAWN BY:	DMS	RMF JOB #:	312295.G0
DESIGNED BY:	DMS	CLIENT JOB #:	CP00394918
PROJ. MANAGER:	DMS	STATE JOB #:	H349544.AMC

USC UPSTATE
EXTERIOR LIGHTING UPGRADES



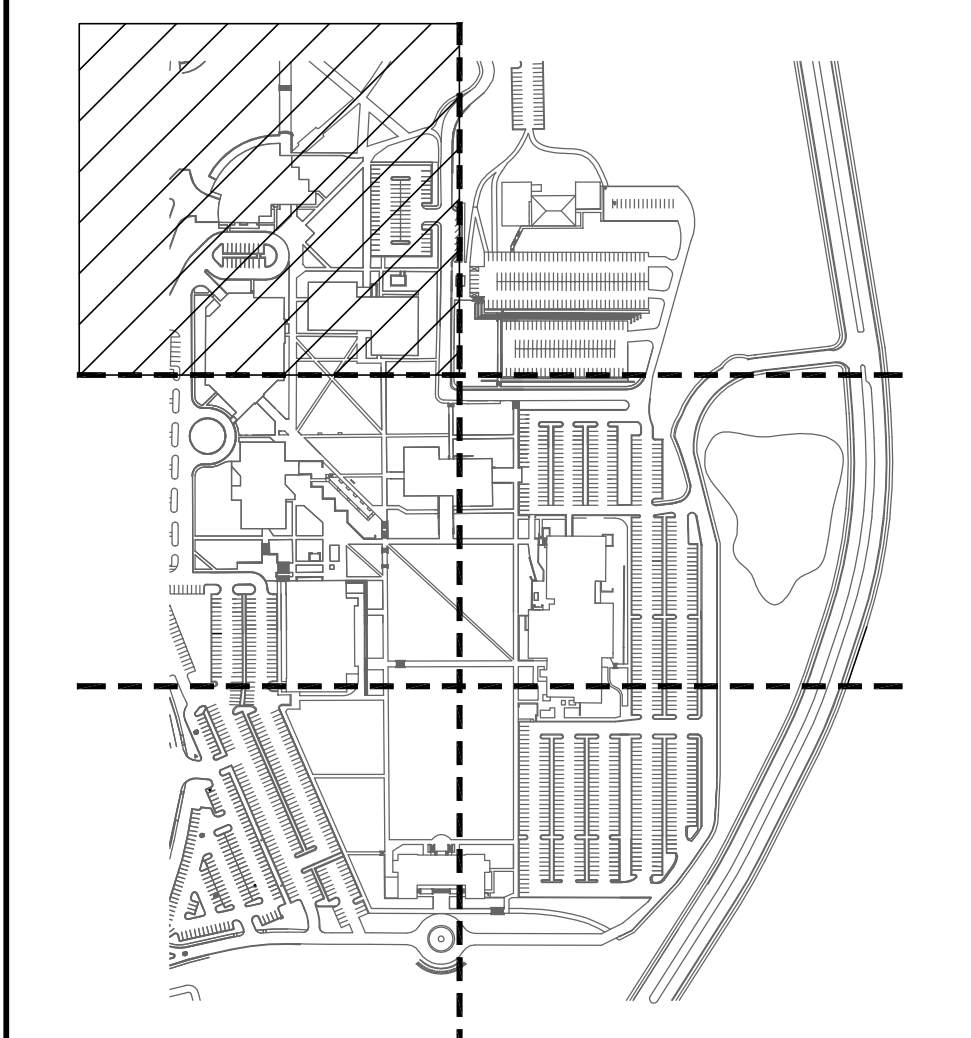
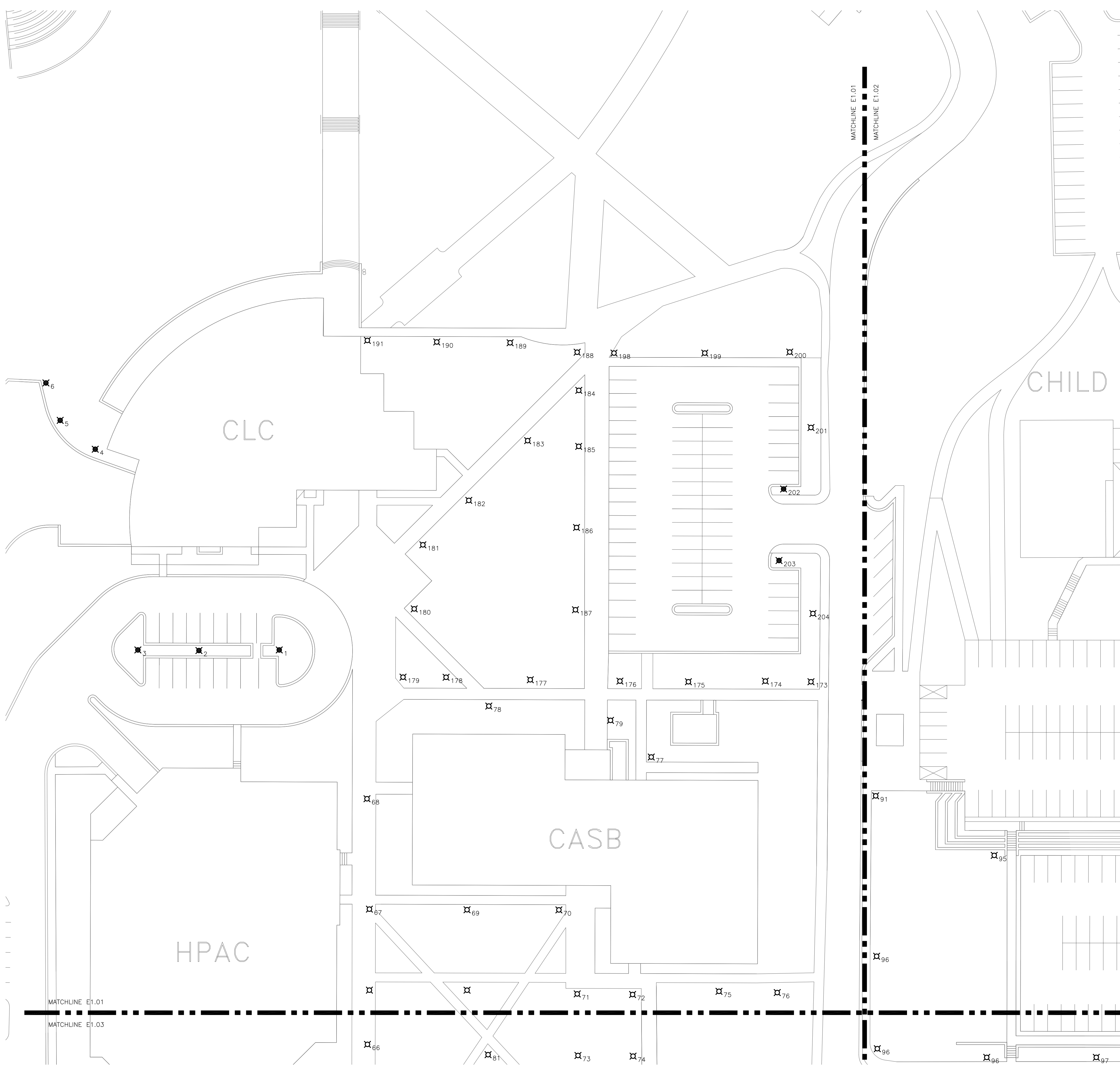
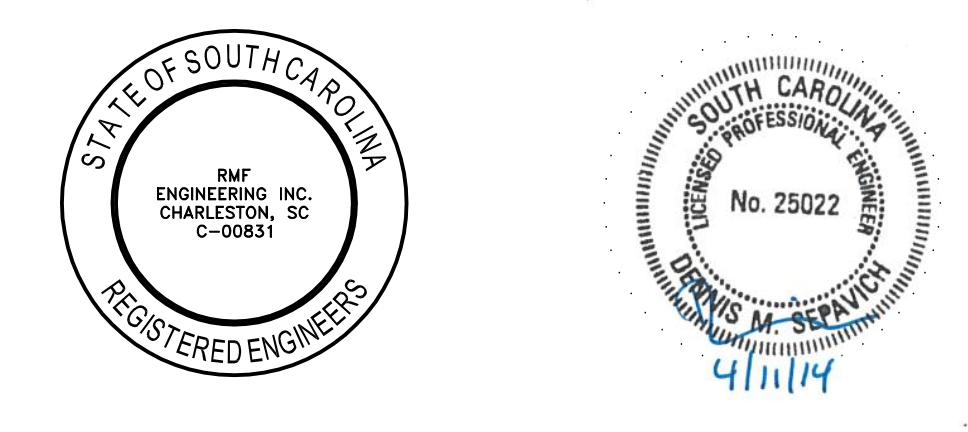
OVERALL PLAN

RMF ENGINEERING, INC. 194 SEVEN FARMS DRIVE, STE G CHARLESTON, SC 29492 P: 843.971-9639 F: 843.971-9641	E1.00
--	-------

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
BID	DOCUMENTS	4/11/14	

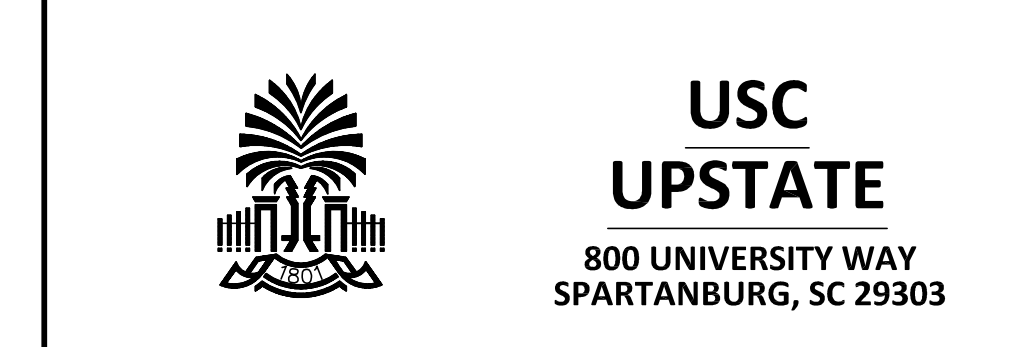
- LEGEND/LIGHTING FIXTURE SCHEDULE**
- 83 PEDESTRIAN POLE - PROVIDE LED LAMP WITH INTEGRAL DRIVER. LAMP SHALL BE GREEN EDGE LIGHT CATALOG NUMBER G120-65NCT, 4000K LAMP COLOR SEE DETAILS 1 & 2 ON DRAWING E2.00 FOR SCOPE OF WORK.
83 - DENOTES POLE NUMBER
 - 202 PARKING LOT POLE - PROVIDE LED LIGHT FIXTURE MOUNTED TO EXISTING LIGHT POLE. FIXTURE SHALL BE BEACON SLIDE SERIES CATALOG NUMBER SLD-NL-48NB-110-4K-LRV-TSW-FLT-ST5-BBT. SEE DETAILS 3, 4 & 5 FOR SCOPE OF WORK.
202 - DENOTES POLE NUMBER

- LIGHTING FIXTURE SCHEDULE NOTES:**
1. REFER TO PROJECT MANUAL SPECIFICATIONS FOR EQUIPMENT/ PRODUCT PERFORMANCE CRITERIA.
 2. MANUFACTURERS LISTED IN THE LIGHTING FIXTURE SCHEDULE ARE USED TO ESTABLISH A BASIS OF DESIGN FOR QUALITY AND PERFORMANCE. PROVIDE MANUFACTURERS LISTED OR AN APPROVED ALTERNATE EQUAL MANUFACTURER.



SCALE: 1"=30' DATE: 4/11/14
 DRAWN BY: DMS RMF JOB #: 312295.00
 DESIGNED BY: DMS CLIENT JOB #: CP00394918
 PROJ. MANAGER: DMS STATE JOB #: H349544.MC

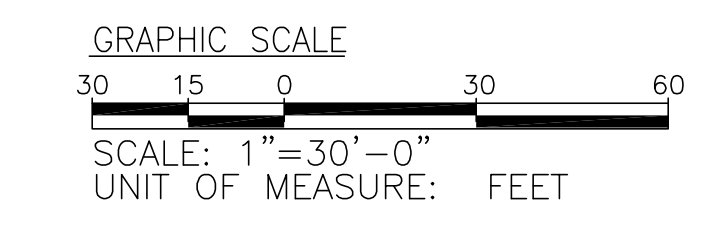
USC UPSTATE
 EXTERIOR LIGHTING UPGRADES



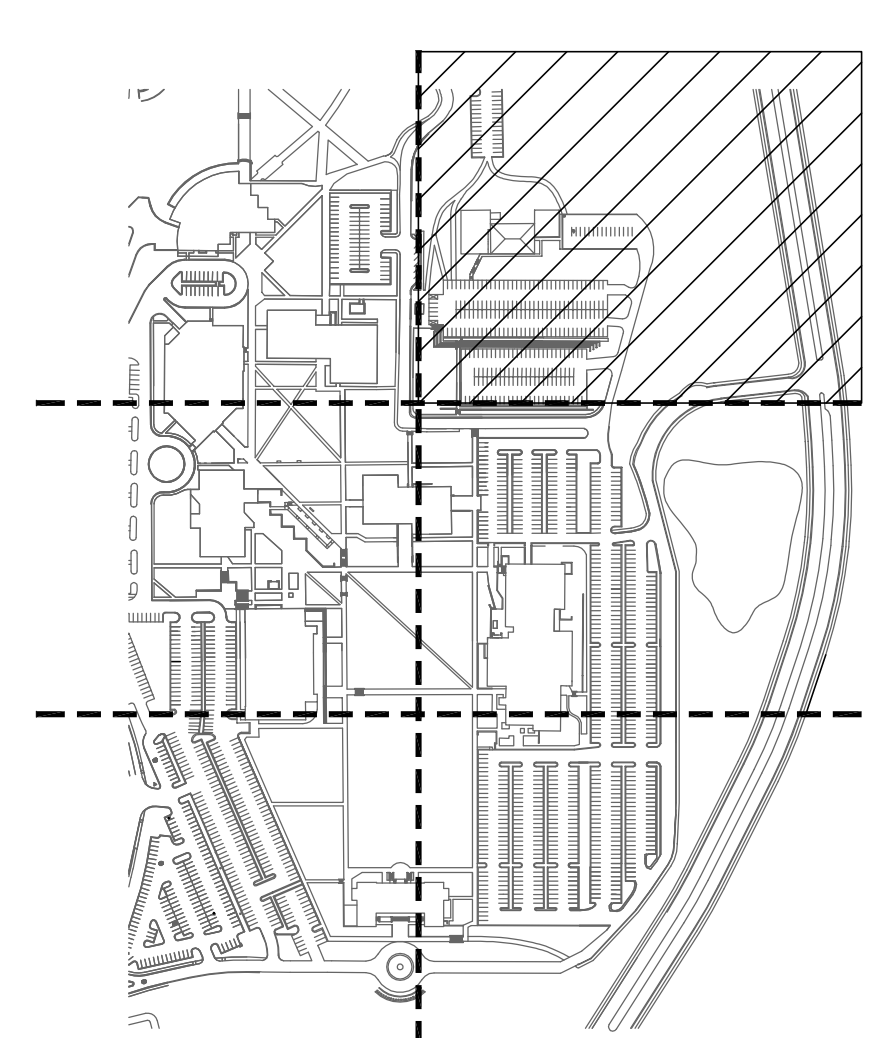
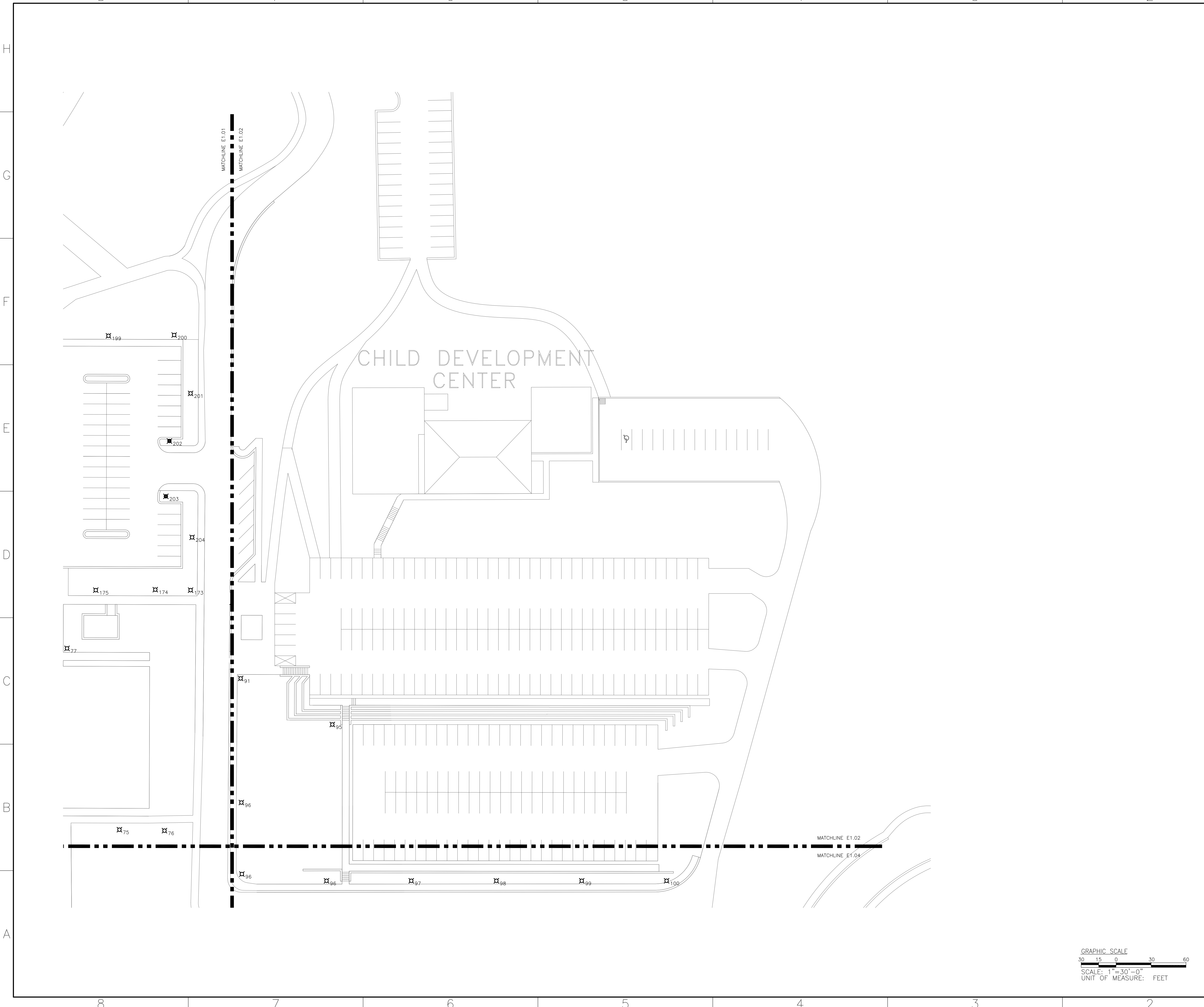
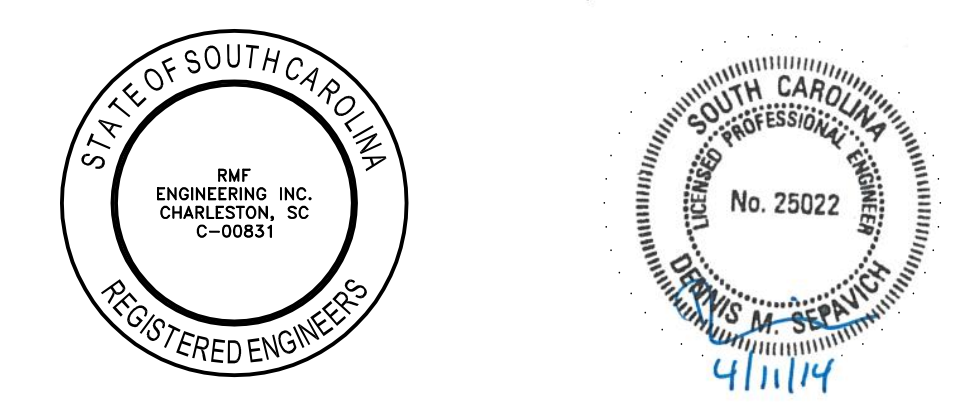
SITE LIGHTING PLAN

rmf RMF ENGINEERING, INC.
 194 SEVEN FARMS DRIVE, STE G
 CHARLESTON, SC 29492
 P: 843.971-9639 F: 843.971-9641

E1.01



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
BID	DOCUMENTS	4/11/14	



KEY PLAN
SCALE: NONE

SCALE: 1"=30' DATE: 4/11/14
 DRAWN BY: DMS RMF JOB #: 312295.G0
 DESIGNED BY: DMS CLIENT JOB #: CP00394918
 PROJ. MANAGER: DMS STATE JOB #: H349544.AMC

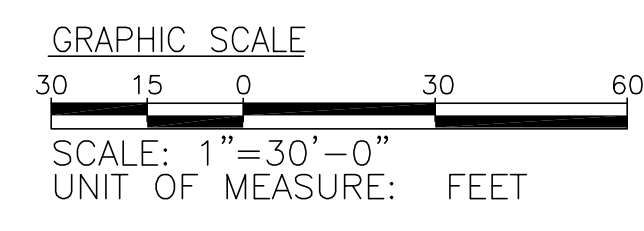
USC UPSTATE
EXTERIOR LIGHTING UPGRADES



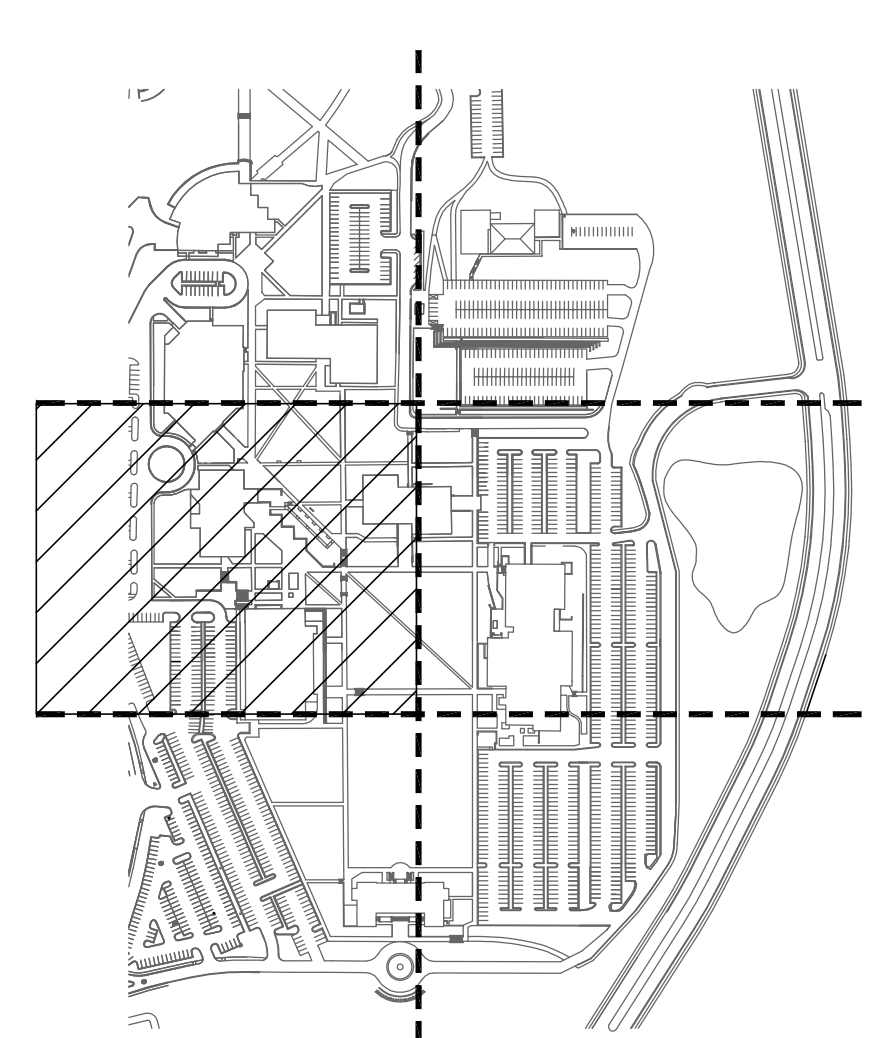
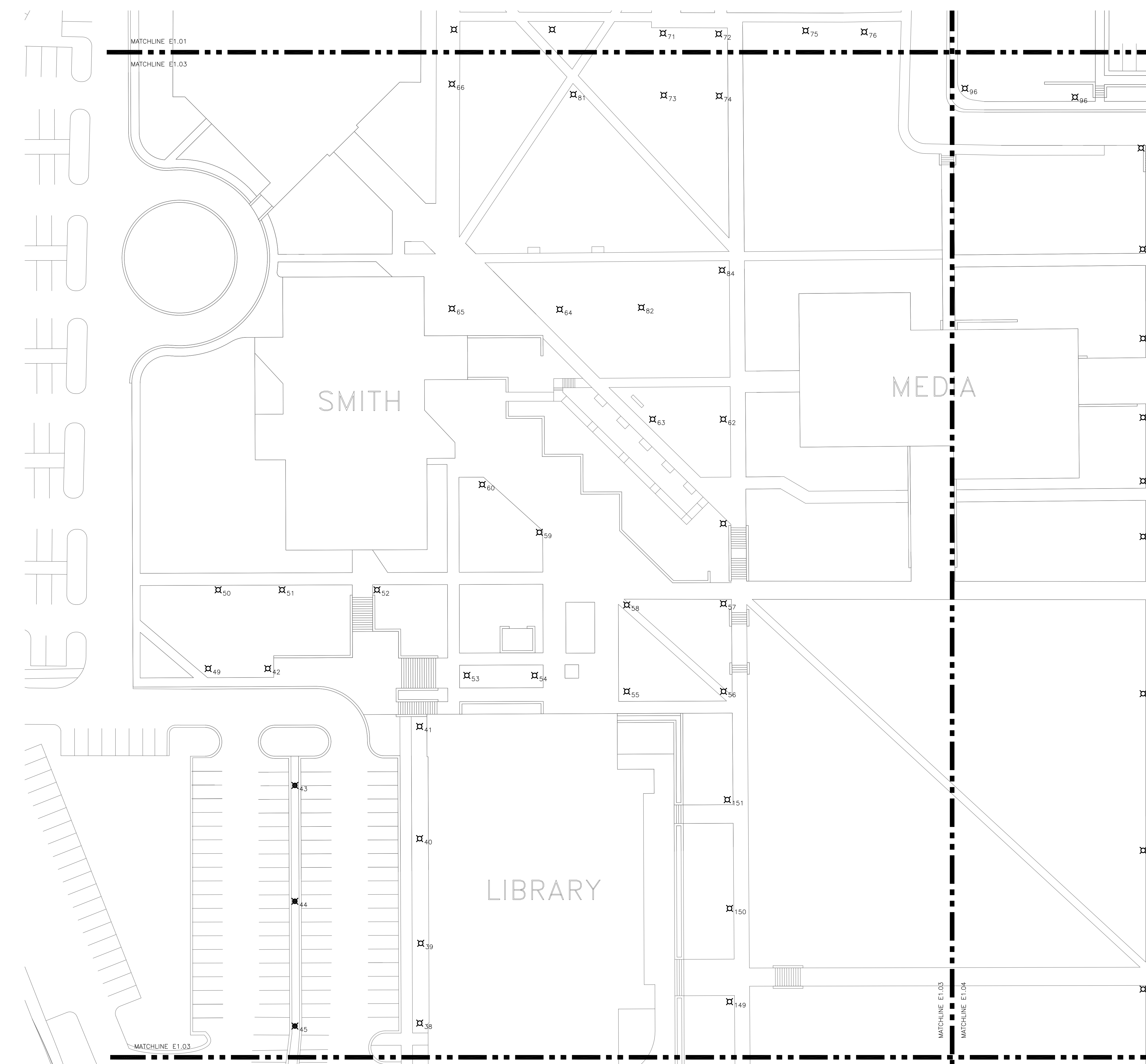
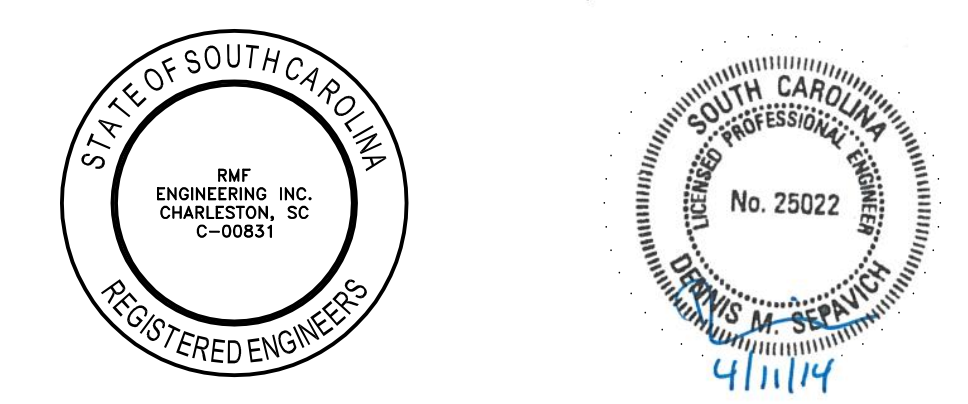
SITE LIGHTING PLAN

rmf RMF ENGINEERING, INC.
194 SEVEN FARMS DRIVE, STE G
CHARLESTON, SC 29492
P: 843.971-9639 F: 843.971-9641

E1.02



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
BID DOCUMENTS		4/11/14	



KEY PLAN
SCALE: NONE

SCALE: 1"=30' DATE: 4/11/14
 DRAWN BY: DMS RMF JOB #: 312295.G0
 DESIGNED BY: DMS CLIENT JOB #: CP00394918
 PROJ. MANAGER: DMS STATE JOB #: H349544.AMC

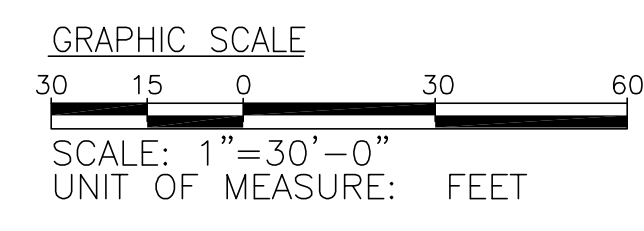
USC UPSTATE
EXTERIOR LIGHTING UPGRADES



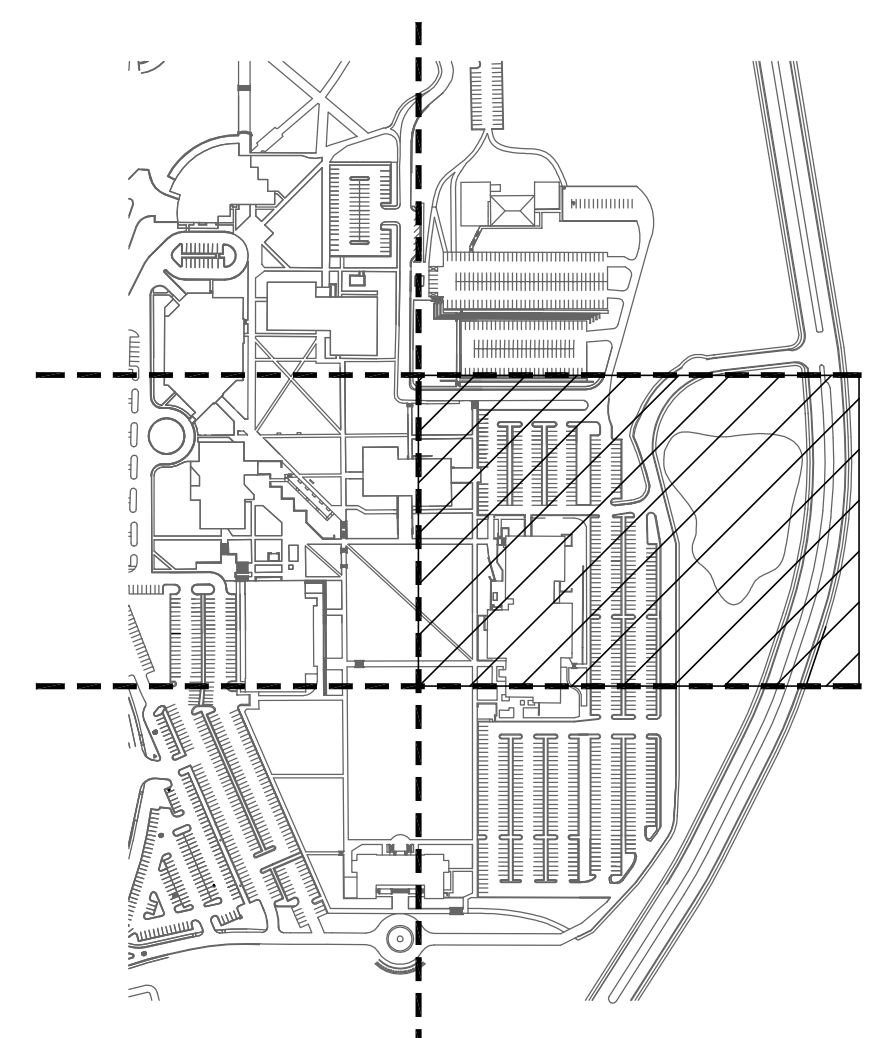
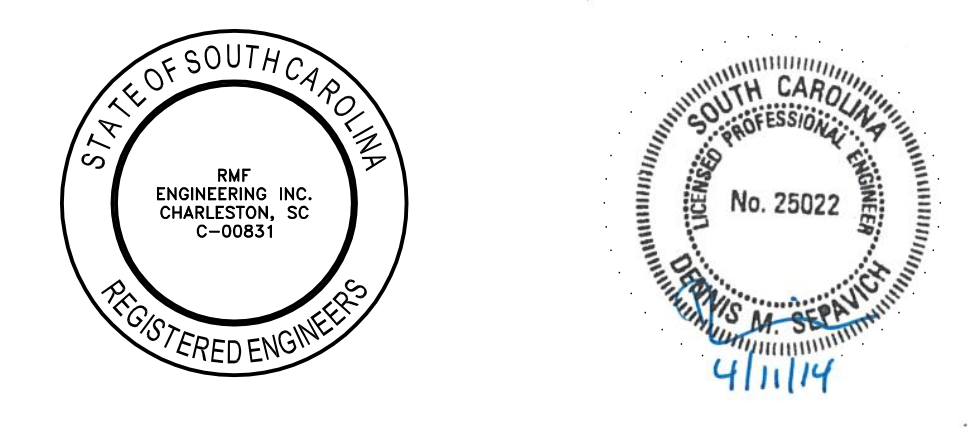
SITE LIGHTING PLAN

rmf RMF ENGINEERING, INC.
 194 SEVEN FARMS DRIVE, STE G
 CHARLESTON, SC 29492
 P: 843.971-9639 F: 843.971-9641

E1.03



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
BID	DOCUMENTS	4/11/14	



KEY PLAN
SCALE: NONE

SCALE: 1"=30' DATE: 4/11/14
 DRAWN BY: DMS RMF JOB #: 312295.G0
 DESIGNED BY: DMS CLIENT JOB #: CP00394918
 PROJ. MANAGER: DMS STATE JOB #: H349544.AMC

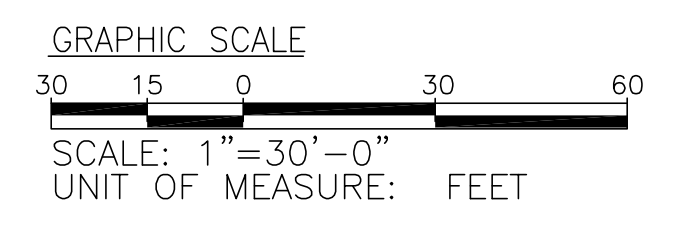
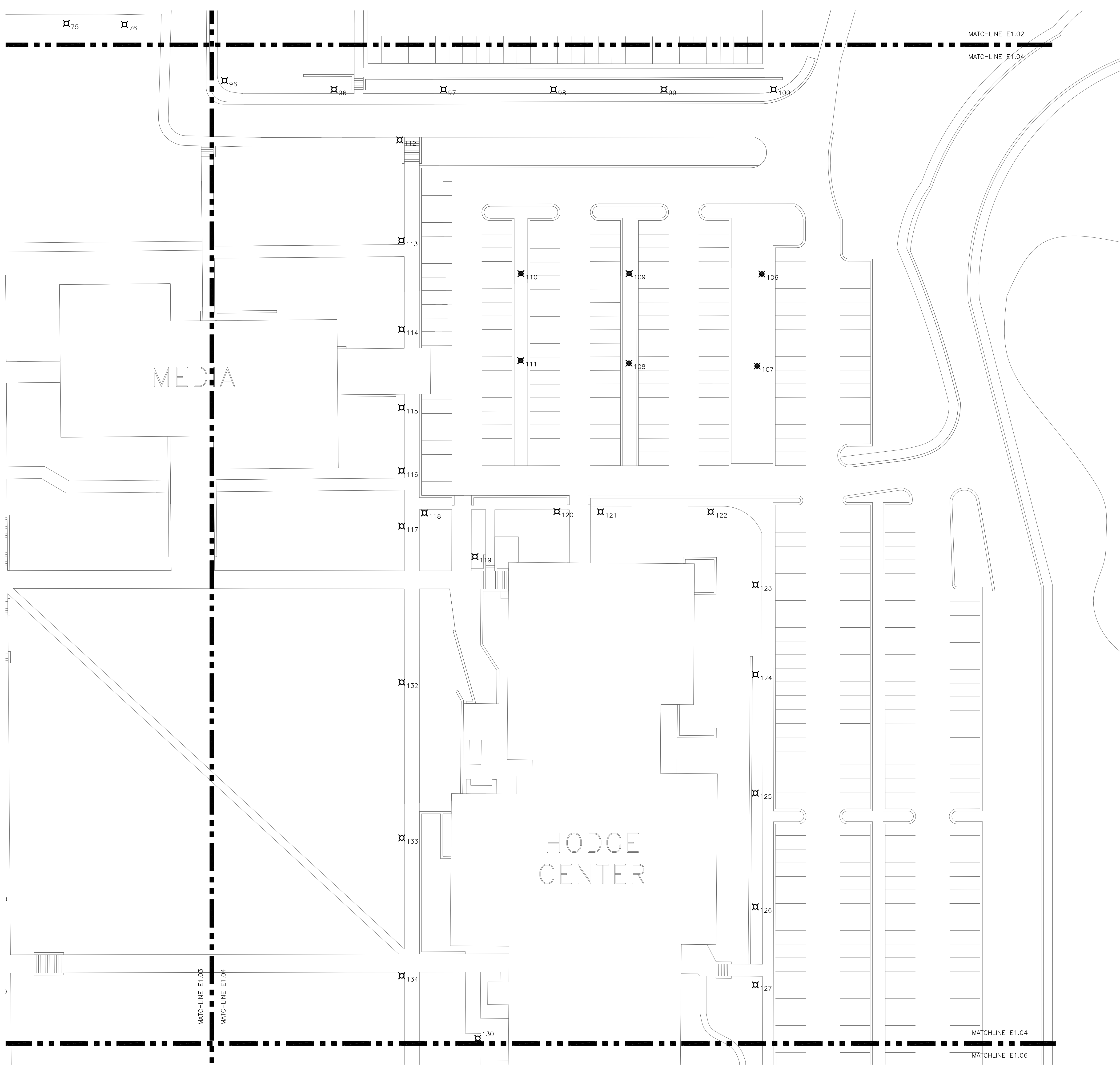
USC UPSTATE
EXTERIOR LIGHTING UPGRADES



SITE LIGHTING PLAN

rmf RMF ENGINEERING, INC.
194 SEVEN FARMS DRIVE, STE G
CHARLESTON, SC 29492
P: 843.971-9639 F: 843.971-9641

E1.04



8 7 6 5 4 3 2 1

H

G

F

E

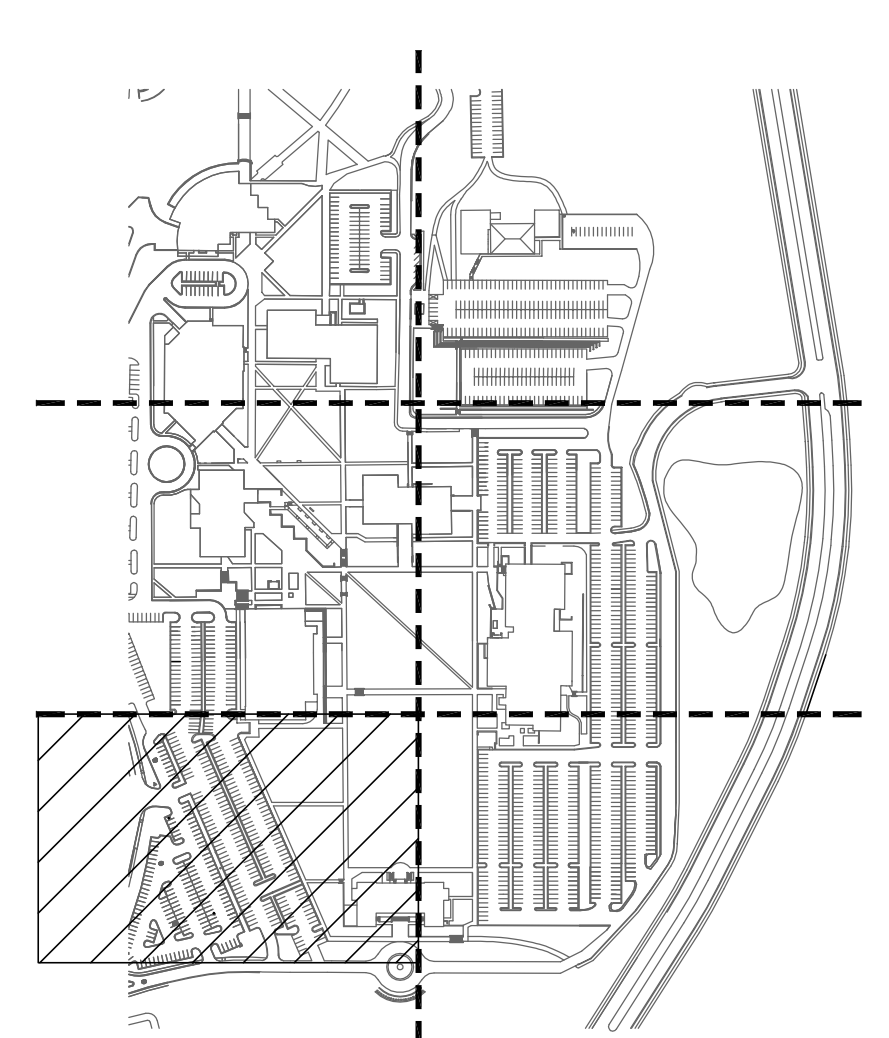
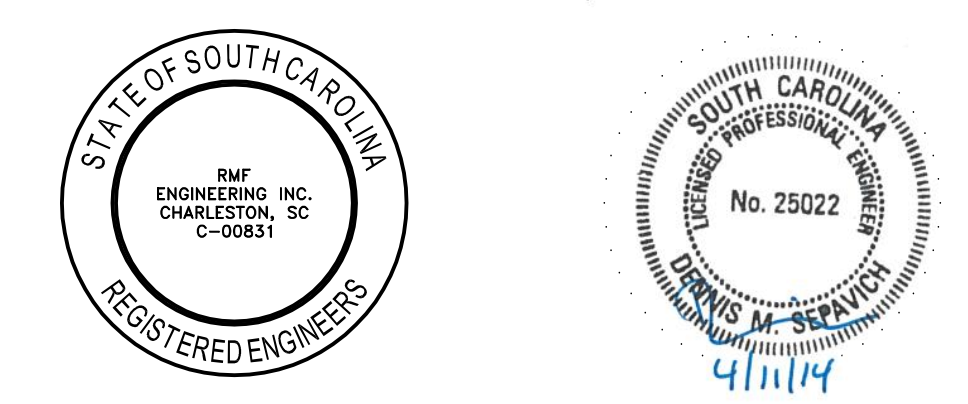
D

C

B

A

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
BID DOCUMENTS		4/11/14	



KEY PLAN
SCALE: NONE

SCALE: 1"=30' DATE: 4/11/14
 DRAWN BY: DMS RMF JOB #: 312295.G0
 DESIGNED BY: DMS CLIENT JOB #: CP00394918
 PROJ. MANAGER: DMS STATE JOB #: H349544.AMC

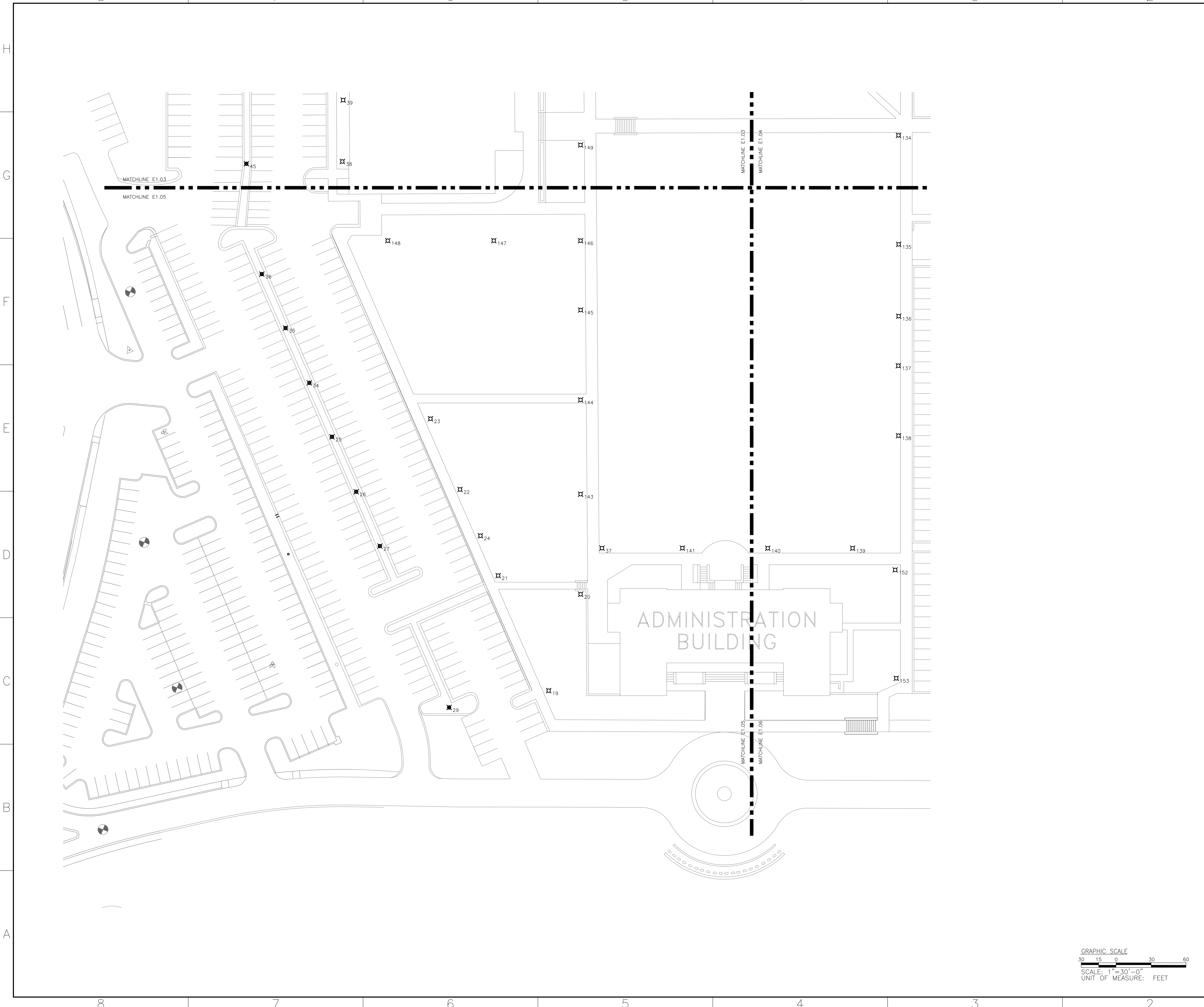
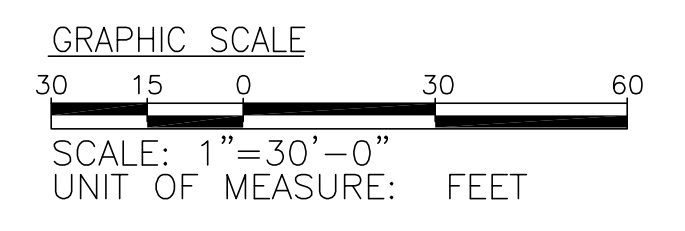
USC UPSTATE
EXTERIOR LIGHTING UPGRADES



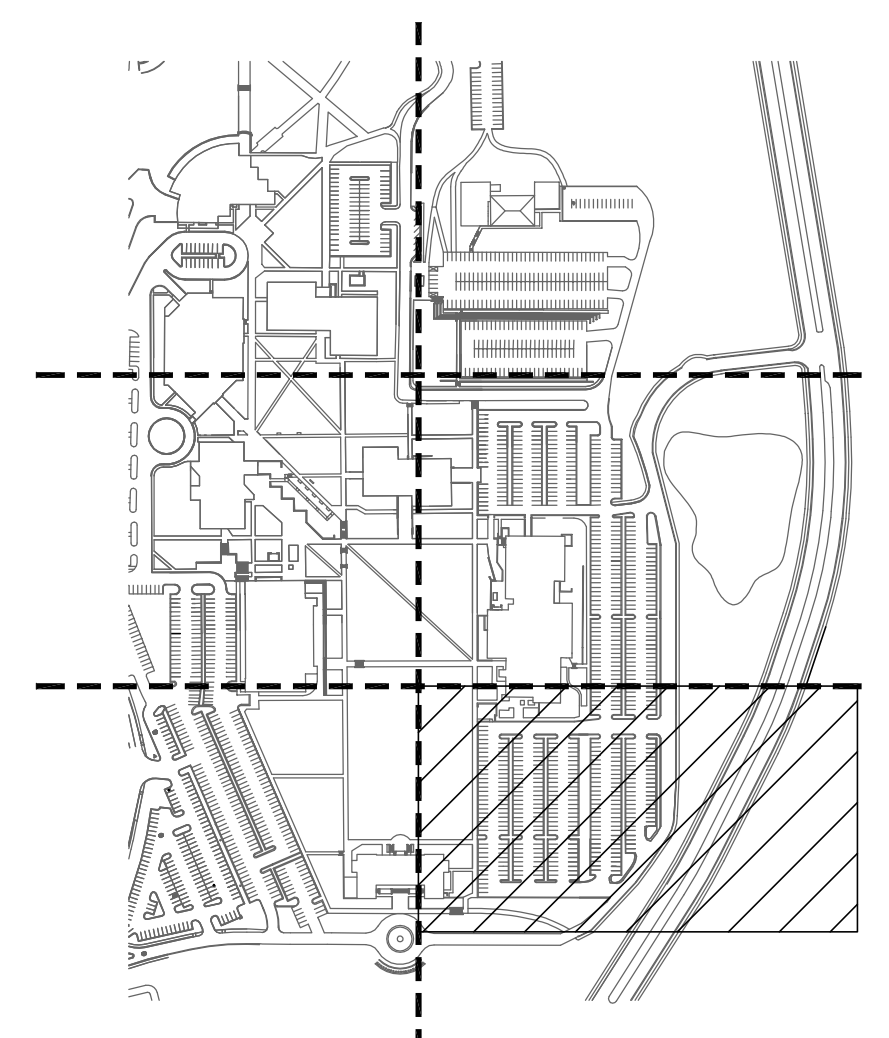
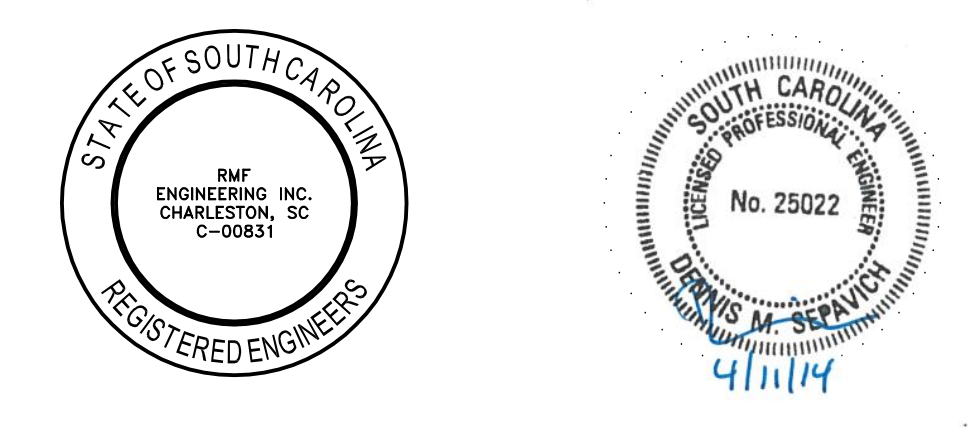
SITE LIGHTING PLAN

rmf RMF ENGINEERING, INC.
194 SEVEN FARMS DRIVE, STE G
CHARLESTON, SC 29492
P: 843.971-9639 F: 843.971-9641

E1.05



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
BID	DOCUMENTS	4/11/14	



KEY PLAN
SCALE: NONE

SCALE: 1"=30' DATE: 4/11/14
 DRAWN BY: DMS RMF JOB #: 312295.G0
 DESIGNED BY: DMS CLIENT JOB #: CP00394918
 PROJ. MANAGER: DMS STATE JOB #: H349544.AMC

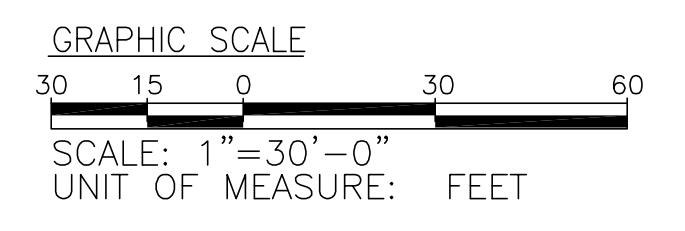
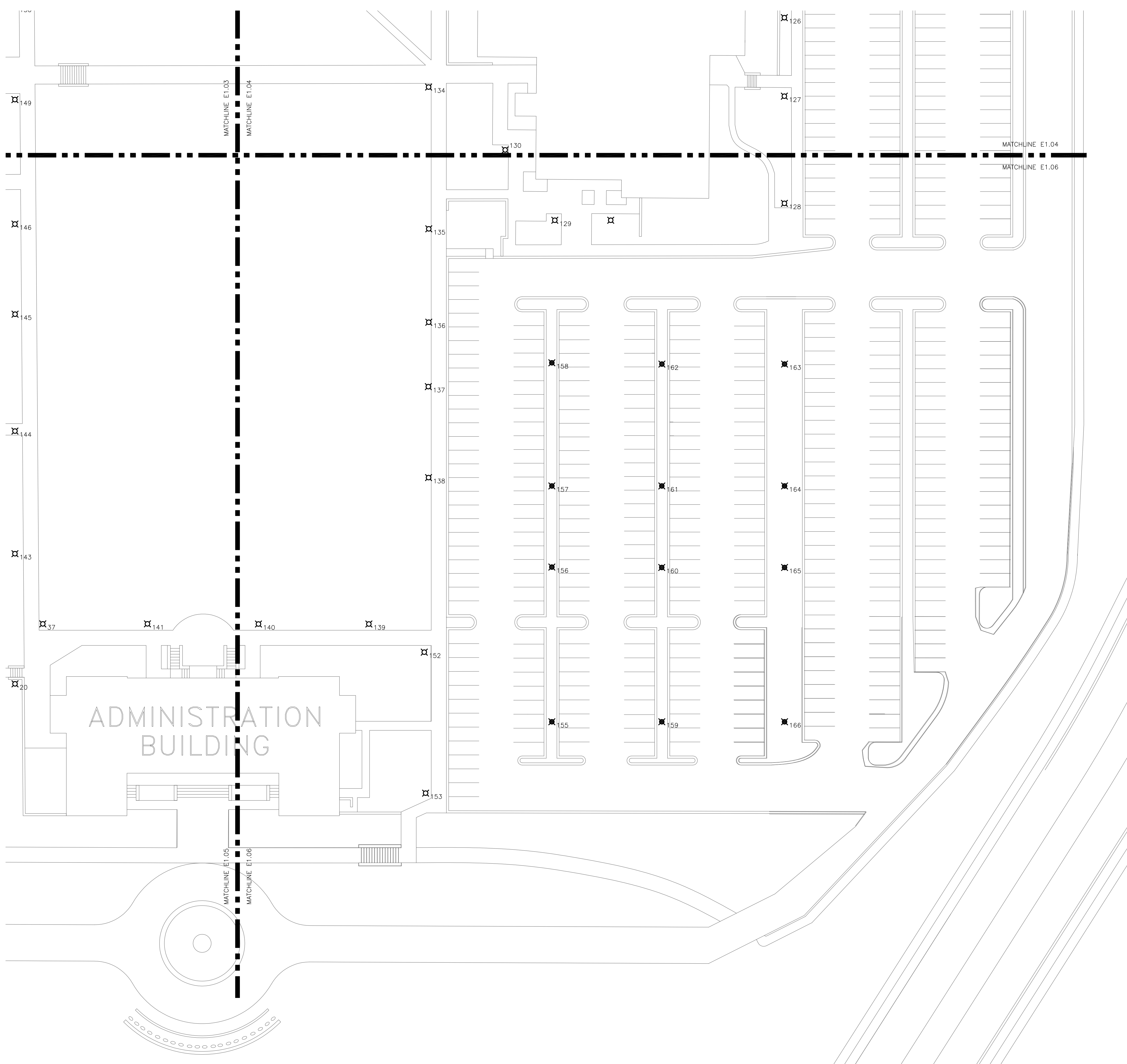
USC UPSTATE
EXTERIOR LIGHTING UPGRADES



SITE LIGHTING PLAN

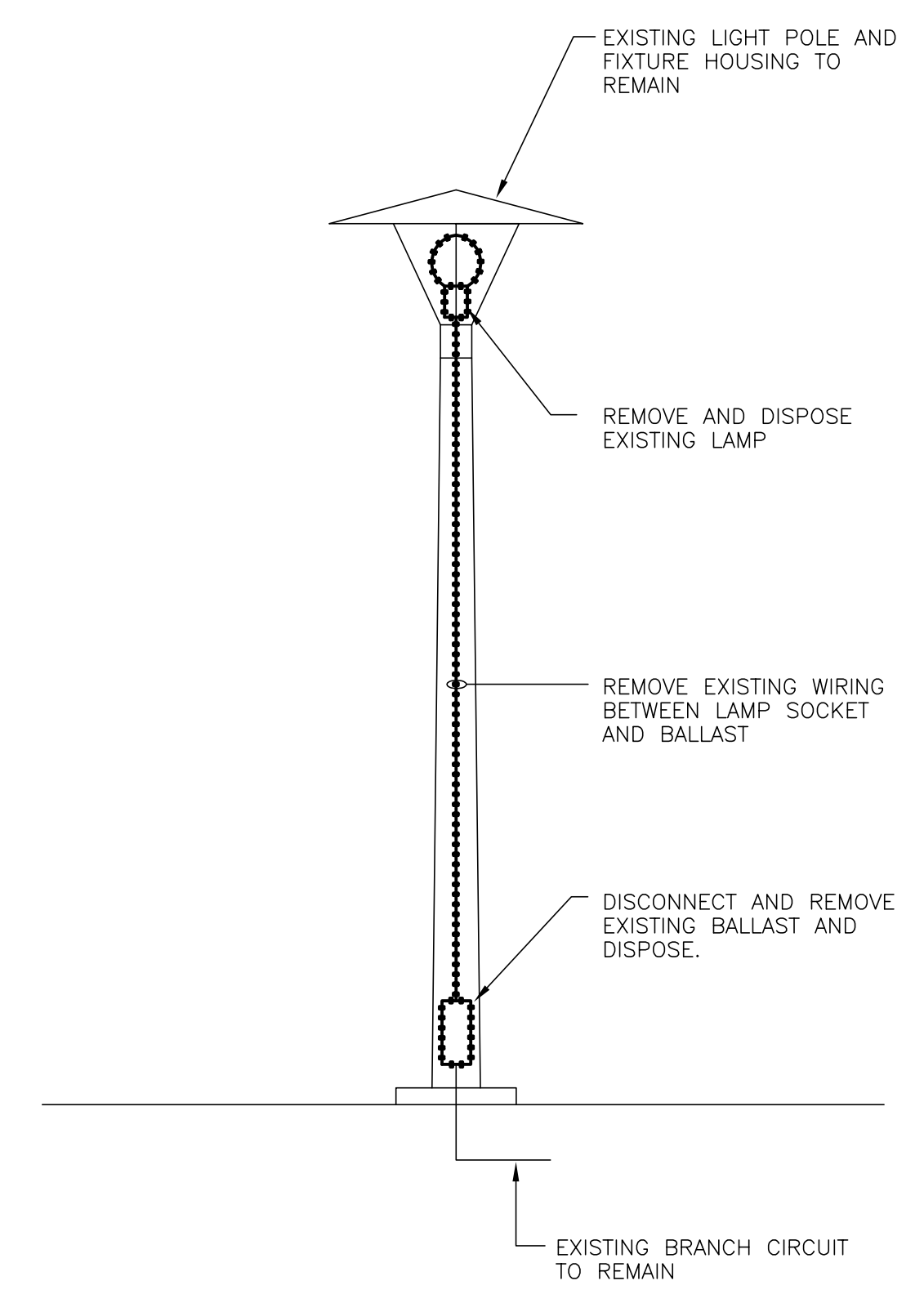
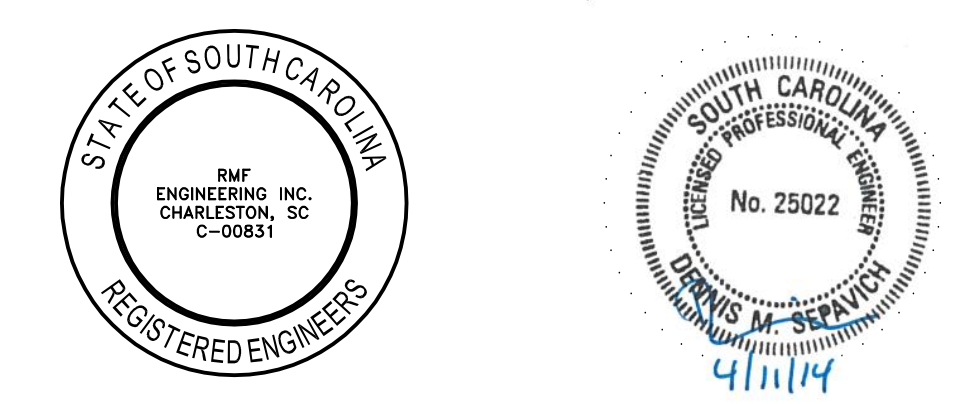
rmf RMF ENGINEERING, INC.
194 SEVEN FARMS DRIVE, STE G
CHARLESTON, SC 29492
P: 843.971-9639 F: 843.971-9641

E1.06



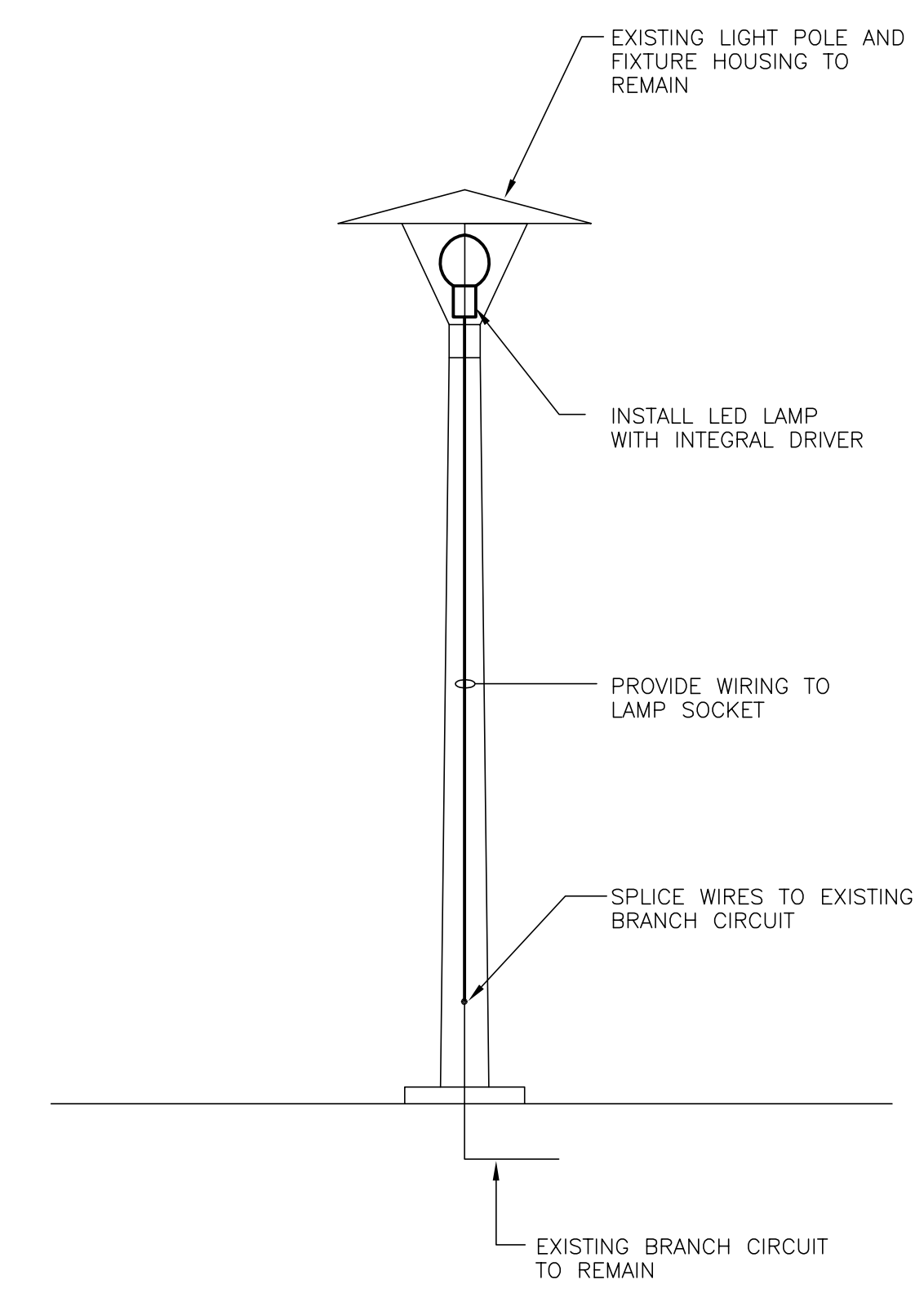
ADMINISTRATION
BUILDING

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
BID	DOCUMENTS	4/11/14	



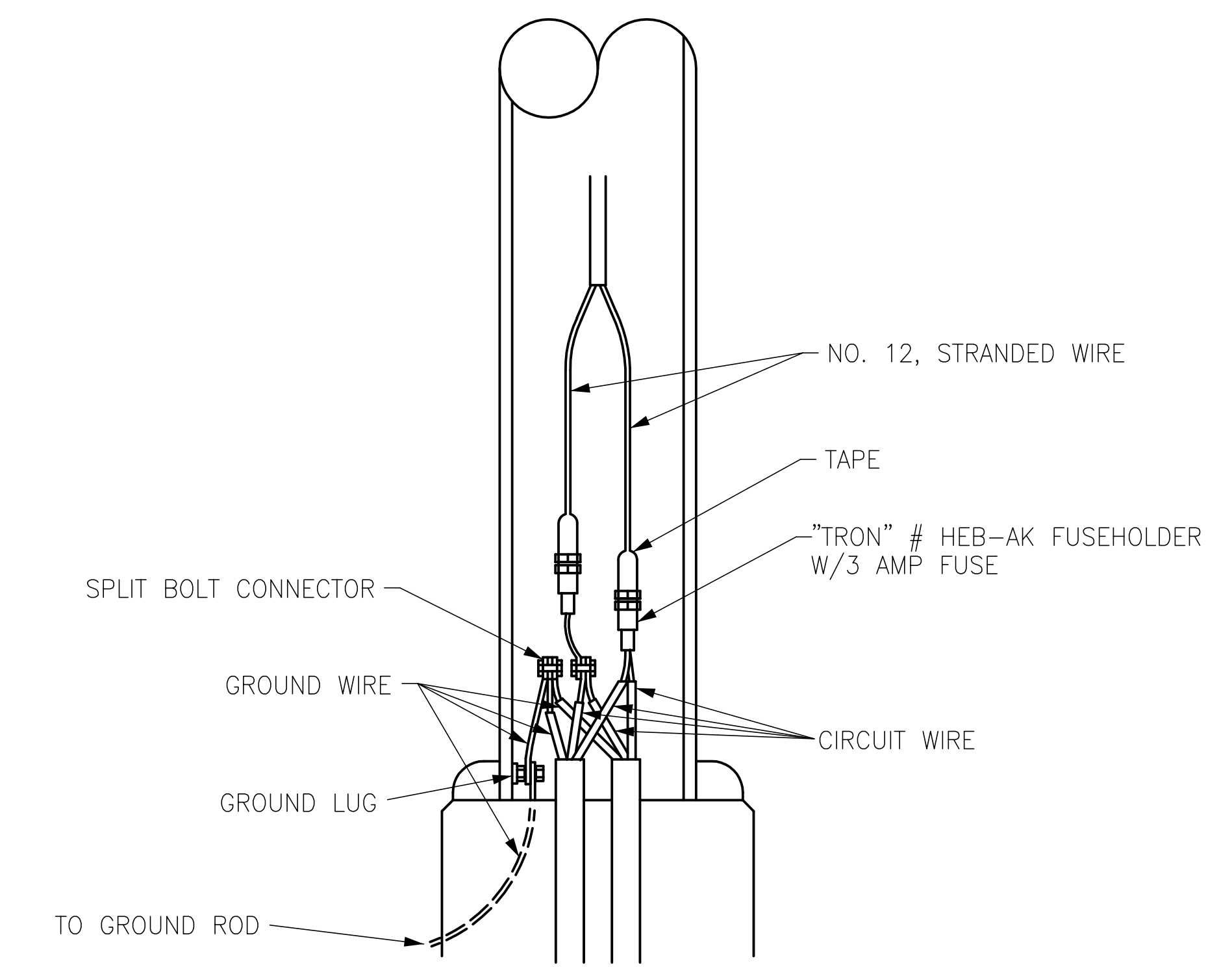
PEDESTRIAN POLE - DEMOLITION

SCALE: NONE ①



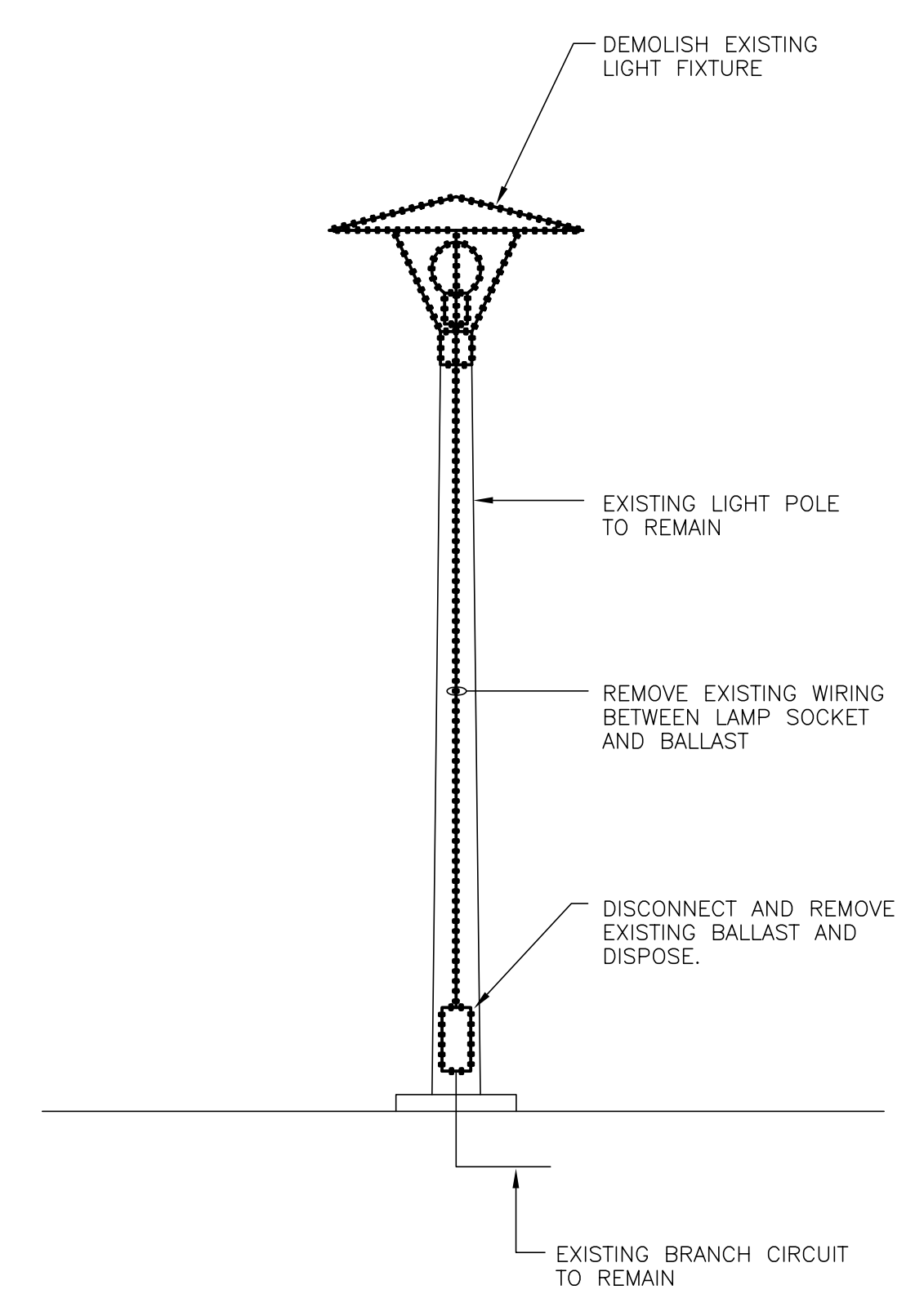
PEDESTRIAN POLE - NEW WORK

SCALE: NONE ②



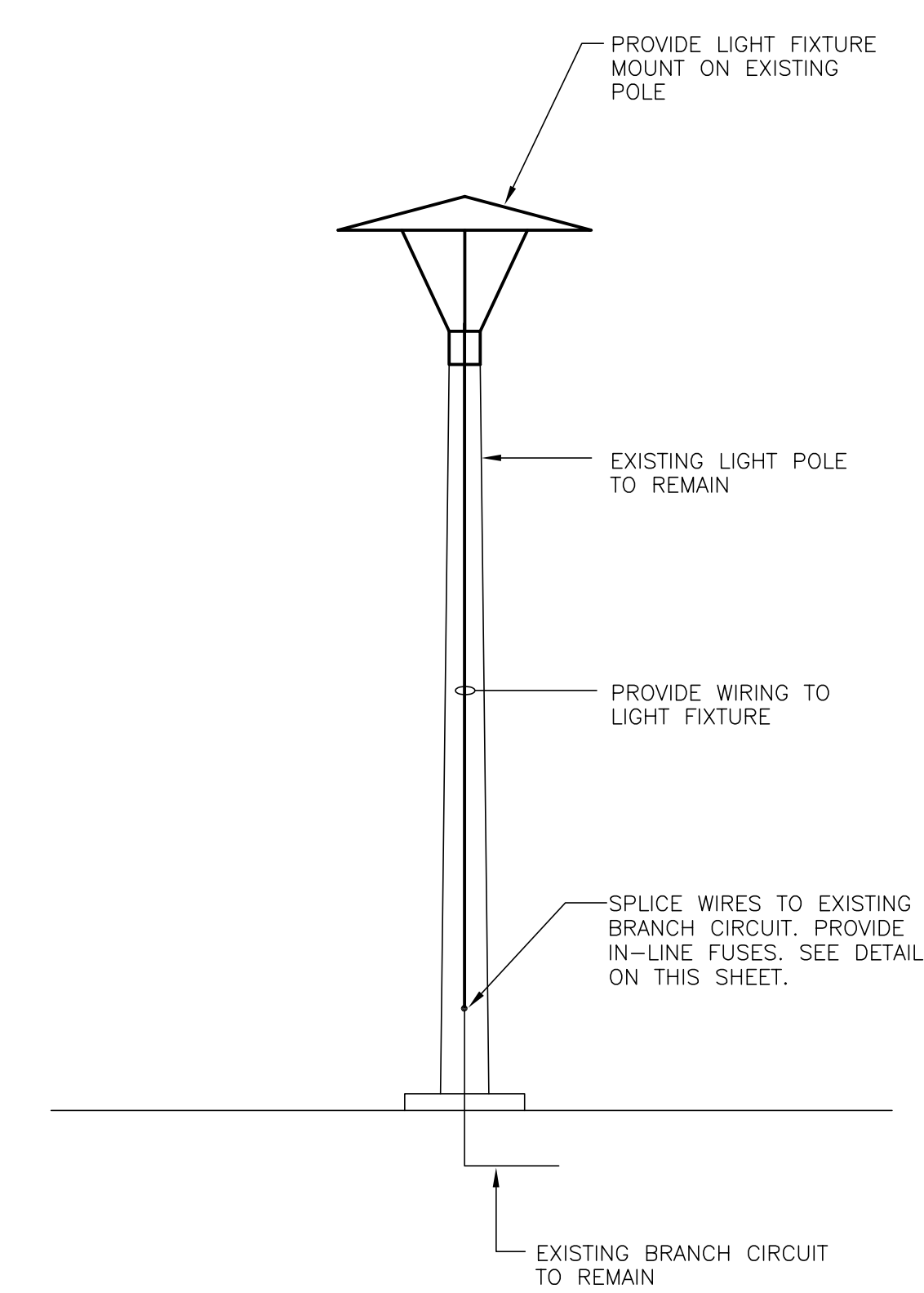
CONDUCTOR CONNECTIONS DETAIL

SCALE: NONE ③



PARKING LOT POLE - DEMOLITION

SCALE: NONE ④



PARKING LOT POLE - NEW WORK

SCALE: NONE ⑤

SCALE:	NONE	DATE:	4/11/14
DRAWN BY:	DMS	RMF JOB #:	312295.G0
DESIGNED BY:	DMS	CLIENT JOB #:	CP00394918
PROJ. MANAGER:	DMS	STATE JOB #:	H349544.AMC

USC UPSTATE
EXTERIOR LIGHTING UPGRADES



ELECTRICAL DETAILS

RMF ENGINEERING, INC. 194 SEVEN FARMS DRIVE, STE G CHARLESTON, SC 29492 P: 843.971-9639 F: 843.971-9641	E2.00
--	-------