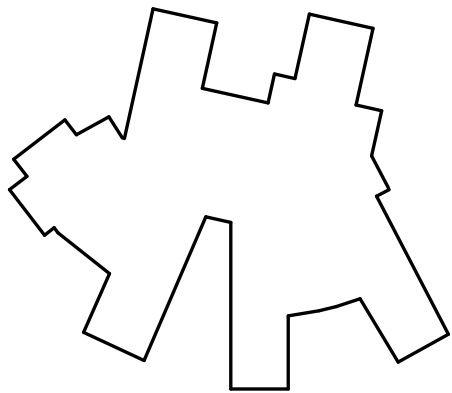




A1 Scale ELECTRICAL PLAN - LEVEL 1 - OVERALL

SHEET KEYNOTE LEGEND

KEY PLAN



we design the future®

1828 Walnut Street Suite 922
Kansas City, MO 64108
t 816.442.7700

115 Wilcox Street Suite 210
Castle Rock, CO 80104
t 720.949.1689

HOLLISANDMILLER.COM

Hollis + Miller Architects
Missouri State Certificate of Authority
Architecture # 00001001
Structure # 2006031333

hollis + miller architects

Smith & Boucher
Mechanic, Electric, Plumbing
State Certificate of Authority #EGC000178
25618 W 103rd Street
Olathe, KS 66061
913.345.2127 phone

Liberty North High School Lighting Upgrades
Liberty Public Schools
1000 NE 104th Street
Liberty, MO 64068

100%
CONSTRUCTION
DOCUMENTS

REVISIONS:

#	Description	Date
2	Amendment #2	01/27/2022

smith & boucher engineers
25618 west 103rd St olathe, ks 66061
phone 913.345.2127 fax 913.345.0617
project number 2314711

STATE OF MISSOURI
RYAN JEROD DIEDIKER
JANUARY 20150061
PROFESSIONAL ENGINEER
8/22/23

The Professional Engineer and Electrician shall apply only to the original and later copies of the work. All drawings, specifications and documents are subject to the approval and signature of the engineer, architect and contractor. The Professional Engineer and Electrician shall not be responsible for the work of the contractor or the contractor's subcontractors.

JOB NO: 21121.00
DRAWN BY: SBI
CHECKED BY: RJD
DATE: 08-22-2023

E101

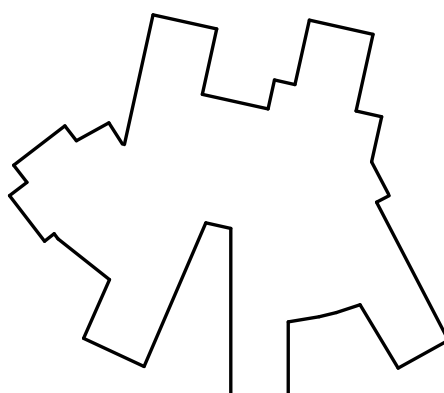
8/22/2023 4:12:22 PM C:\Local2022\2314711 Liberty North HS_SBI-MEP_2022_CENTRAL_charlesboot\9028.rvt



EXISTING 2X4 AND 2X2
LIGHTING IN THIS
AREA ALREADY LED.

A1 Scale LIGHTING PLAN - AREA A - LEVEL 1
1/8" = 1'-0"

SHEET KEYNOTE LEGEND

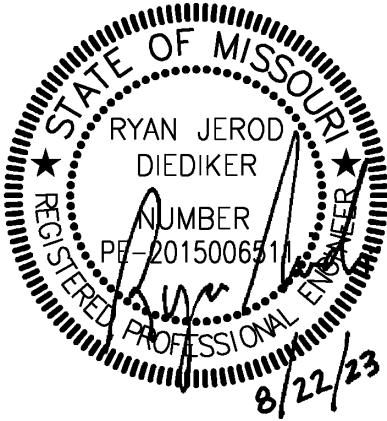


smith & boucher
engineers
25618 west 103rd St. olathe, ks 66061
phone 913.345.2127 fax 913.345.0617
project number 2314711

REVISIONS:		
#	Description	Date

Liberty North High School Lighting Upgrades

Liberty Public Schools
1000 NE 104th Street
Liberty, MO 64068



JOB NO: 21121.00
DRAWN BY: SBI
CHECKED BY: RJD
DATE: 08-22-2023

E101A

LIGHTING PLAN - AREA A - LEVEL 1

we design the future®
1828 Walnut Street Suite 922
Kansas City, MO 64108
1 816.442.7700
115 Wilcox Street Suite 210
Castle Rock, CO 80104
1 720.949.1689
HOLLISANDMILLER.COM

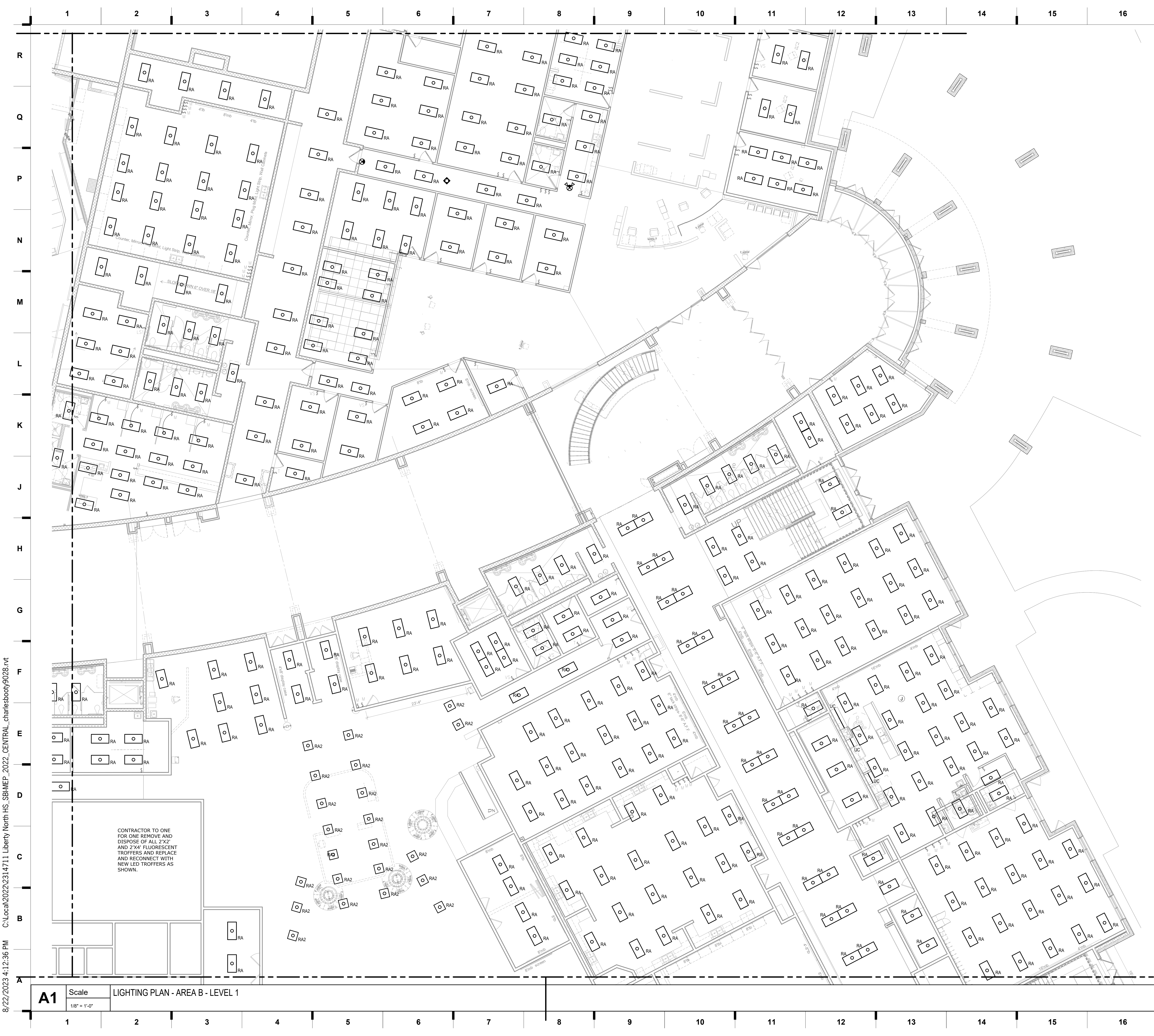
Holle + Miller Architects
Missouri State Certificate of Authority
Architecture # 0000101
Structure # 2006031333

Smith & Boucher
Mechanic, Electric, Plumbing
State Certificate of Authority #EGC000178
25618 W 103rd Street
Olathe, KS 66061
913.345.2127 phone

100%
CONSTRUCTION
DOCUMENTS

hollis + miller architects®

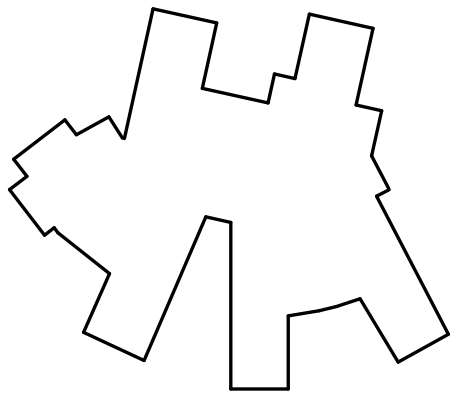
8/22/2023 4:12:36 PM C:\Local\2022\2314711 Liberty North HS_SBI MEP_2022_CENTRAL_charlesboot\9028.rvt



A1 Scale LIGHTING PLAN - AREA B - LEVEL 1
1/8" = 1'-0"

SHEET KEYNOTE LEGEND

KEY PLAN



we design the future®
1828 Walnut Street Suite 922
Kansas City, MO 64108
1.816.442.7700
115 Wilcox Street Suite 210
Castle Rock, CO 80104
1.720.949.1689
HOLLISANDMILLER.COM

Hollis + Miller Architects
Missouri State Certificate of Authority
Architecture # 00001081
Structure # 200601333

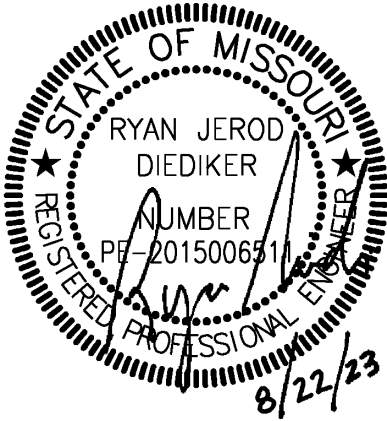
Smith & Boucher
Mechanic, Electric, Plumbing
State Certificate of Authority #ECC000178
25618 W 103rd Street
Olathe, KS 66061
913.345.2127 phone

Liberty North High School Lighting Upgrades

Liberty Public Schools
1000 NE 104th Street
Liberty, MO 64068

REVISIONS:

#	Description	Date
---	-------------	------



JOB NO: 21121.00
DRAWN BY: SBI
CHECKED BY: RJD
DATE: 08-22-2023

E101B

100%
CONSTRUCTION
DOCUMENTS

hollis + miller architects®

8/22/2023 4:12:51 PM C:\local\2022\2314711 Liberty North HS_SBI MEP_2022_CENTRAL_charlesboot\9028.rvt

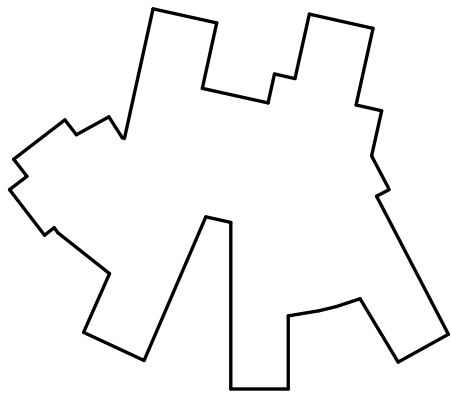


CONTRACTOR TO ONE FOR ONE
REMOVE AND DISPOSE OF ALL 2'X2'
AND 2'X4' FLUORESCENT TROFFERS
AND REPLACE AND RECONNECT WITH
NEW LED TROFFERS AS SHOWN.

A1 Scale LIGHTING PLAN - AREA C - LEVEL 1
1/8" = 1'-0"

SHEET KEYNOTE LEGEND

KEY PLAN



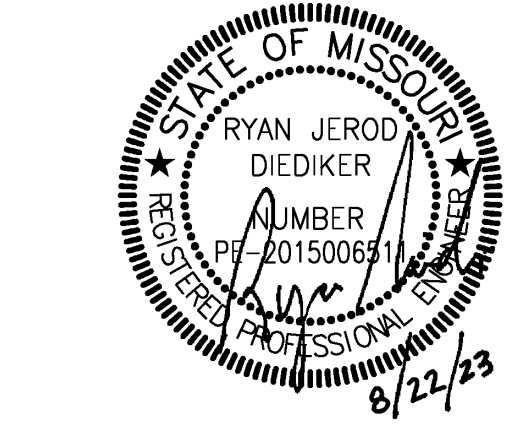
smith & boucher
engineers
25618 west 103rd St. olathe, ks 66061
phone 913.345.2127 fax 913.345.0617
project number 23147111

REVISIONS:

#	Description	Date
---	-------------	------

Liberty North High School Lighting Upgrades
Liberty Public Schools
1000 NE 104th Street
Liberty, MO 64068

100%
CONSTRUCTION
DOCUMENTS



JOB NO: 21121.00
DRAWN BY: SBI
CHECKED BY: RJD
DATE: 08-22-2023

E101C

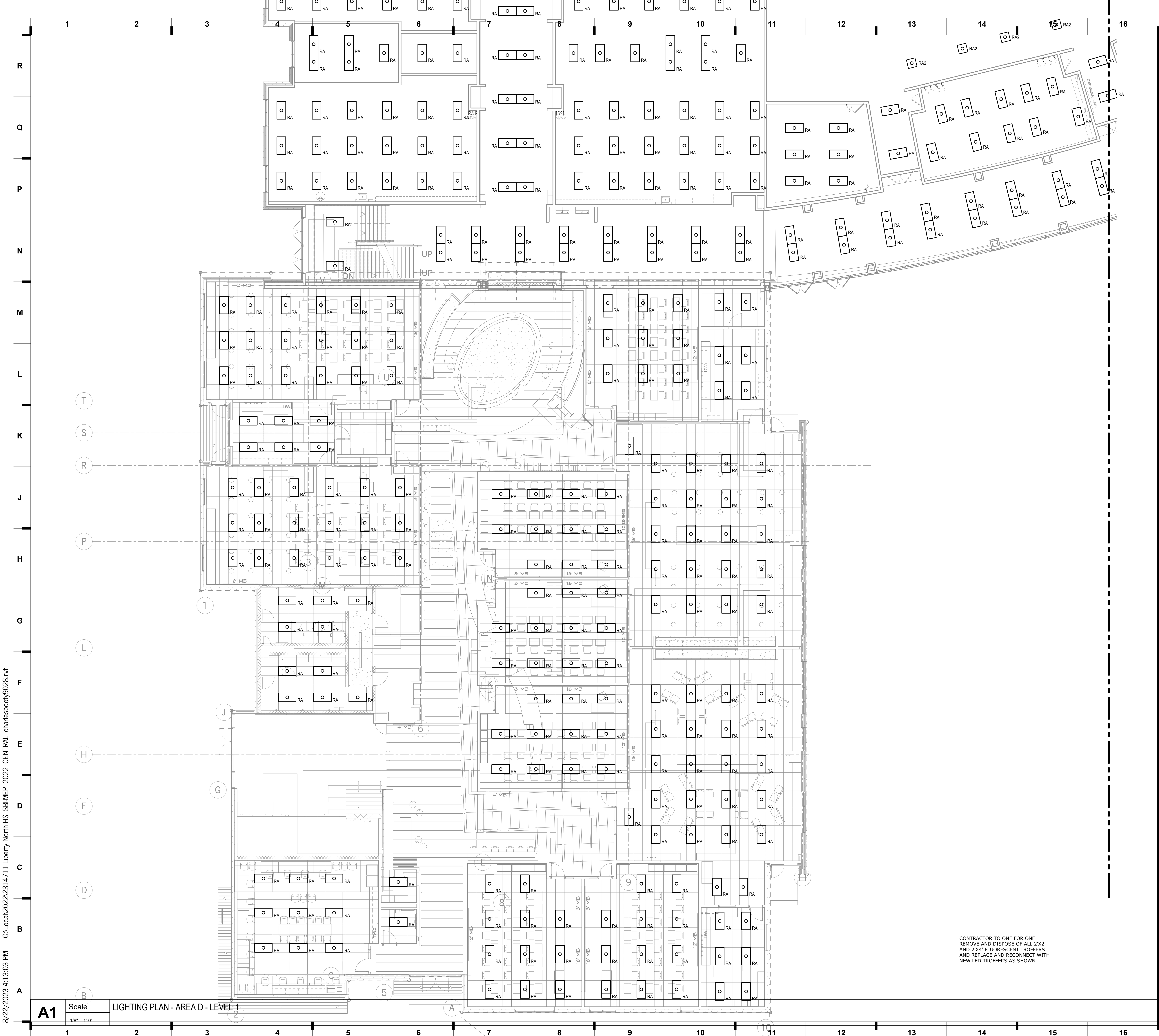
we design the future®
1828 Walnut Street Suite 922
Kansas City, MO 64108
t 816.442.7700
115 Wilcox Street Suite 210
Castle Rock, CO 80104
t 720.949.1689
HOLLISANDMILLER.COM

Hollis + Miller Architects
Missouri State Certificate of Authority
Architecture # 00001081
Structure # 2006031333

Smith & Boucher
Mechanic, Electric, Plumbing
State Certificate of Authority #ECC000178
25618 W 103rd Street
Olathe, KS 66061
913.345.2127 phone

hollis + miller architects®

8/22/2023 4:13:03 PM C:\local\2022\2314711 Liberty North HS_SBI MEP_2022_CENTRAL_charlesboot\9028.rvt



CONTRACTOR TO ONE FOR ONE
REMOVE AND DISPOSE OF ALL 2'X2'
AND 2'X4' FLUORESCENT TROFFERS
AND REPLACE AND RECONNECT WITH
NEW LED TROFFERS AS SHOWN.

SHEET KEYNOTE LEGEND

we design the future®
1828 Walnut Street Suite 922
Kansas City, MO 64108
1 816.442.7700
115 Wilcox Street Suite 210
Castle Rock, CO 80104
1 720.949.1689
HOLLISANDMILLER.COM

Hollis + Miller Architects
Missouri State Certificate of Authority
Architecture # 00001001
Structure # 2006031333

Smith & Boucher
Mechanic, Electric, Plumbing
State Certificate of Authority # EGC000178
25618 W 103rd Street
Olathe, KS 66061
913.345.2127 phone

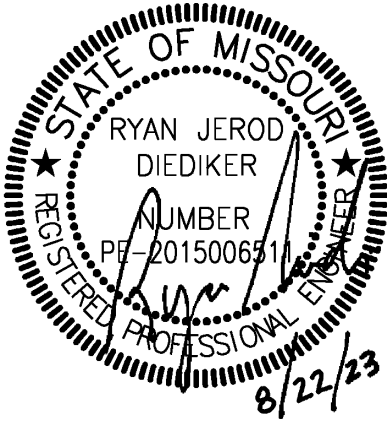
Liberty North High School Lighting Upgrades

Liberty Public Schools
1000 NE 104th Street
Liberty, MO 64068

REVISIONS:

#	Description	Date
---	-------------	------

smith & boucher
engineers
25618 west 103rd St. olathe, ks 66061
phone 913.345.2127 fax 913.345.0617
project number 23147111



This Professional Engineer and Architect has signed and sealed this plan and is responsible for the design, construction, and maintenance of the project. The Engineer and Architect are not responsible for the design, construction, and maintenance of the project if the design, construction, and maintenance of the project is not in accordance with the design, construction, and maintenance of the project.

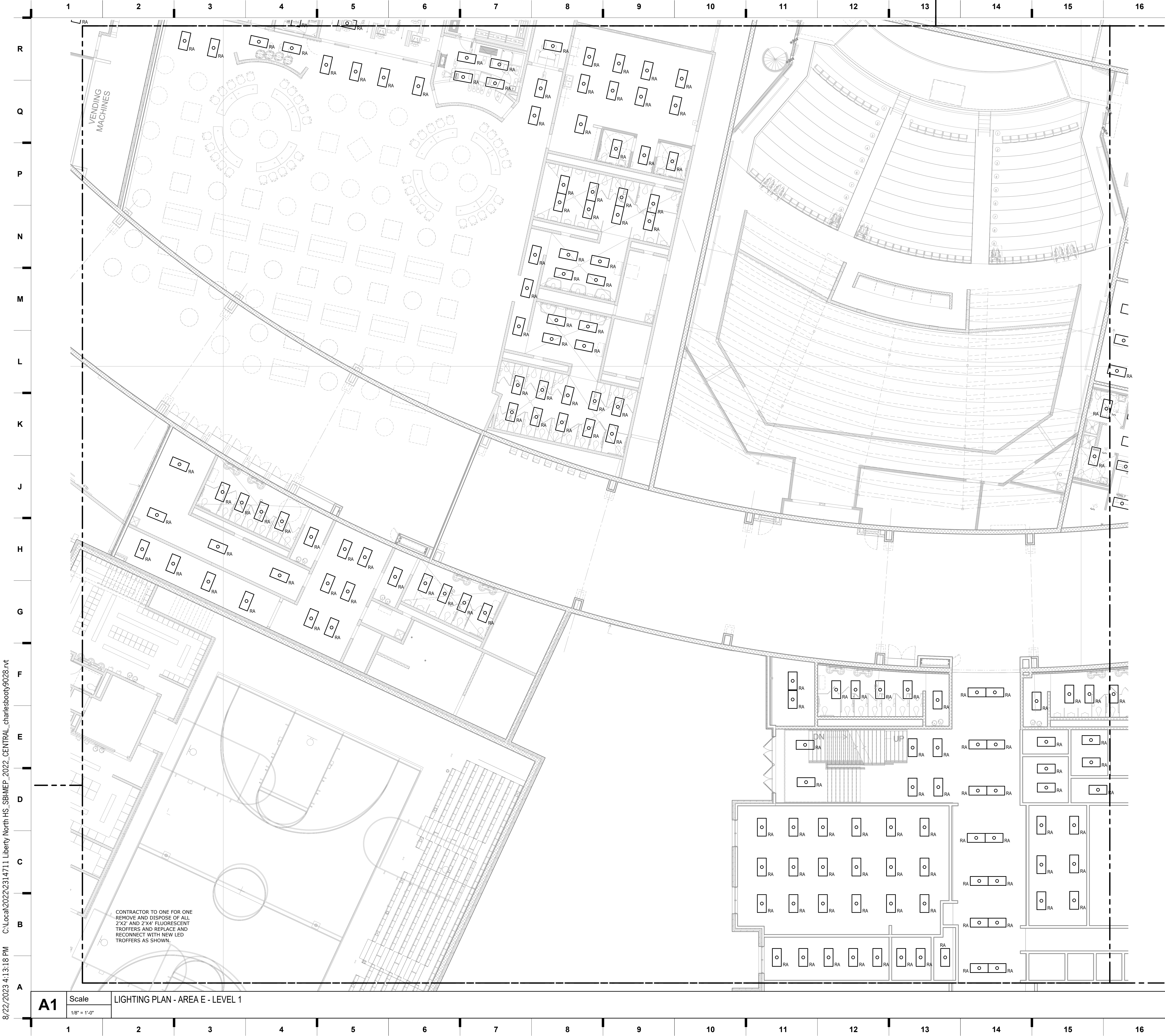
JOB NO: 21121.00
DRAWN BY: SBI
CHECKED BY: RJD
DATE: 08-22-2023

E101D

LIGHTING PLAN - AREA D - LEVEL 1

Please consider the environment before printing this.

8/22/2023 4:13:18 PM C:\Local2022\2314711 Liberty North HS_SBI MEP_2022_CENTRAL_charlesboot\9028.rvt



SHEET KEYNOTE LEGEND

we design the future®
1828 Walnut Street Suite 922
Kansas City, MO 64108
1 816.442.7700
115 Wilcox Street Suite 210
Castle Rock, CO 80104
1 720.949.1689
HOLLISANDMILLER.COM

Hollis + Miller Architects
Missouri State Certificate of Authority
Architecture # 00001001
Structure # 2006031333

Smith & Boucher
Mechanic, Electric, Plumbing
State Certificate of Authority # EGC000178
25618 W 103rd Street
Olathe, KS 66061
913.345.2127 phone

Liberty North High School Lighting Upgrades

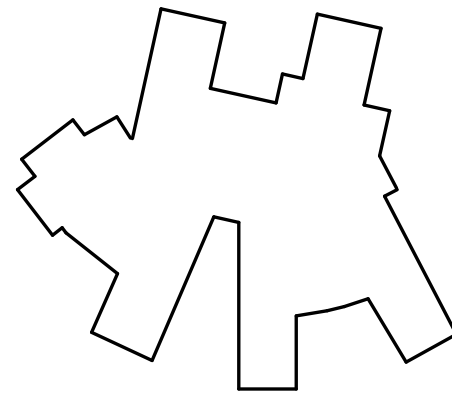
Liberty Public Schools
1000 NE 104th Street
Liberty, MO 64068

REVISIONS:

#	Description	Date
---	-------------	------

smith & boucher
engineers
25618 west 103rd St olathe, ks 66061
phone 913.345.2127 fax 913.345.0617
project number 2314711

KEY PLAN



JOB NO: 21121.00
DRAWN BY: SBI
CHECKED BY: RJD
DATE: 08-22-2023

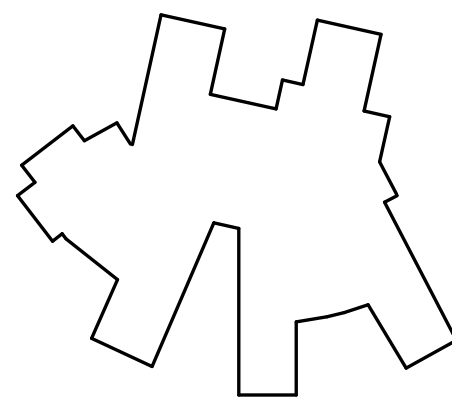
E101E

8/22/2023 4:13:31 PM C:\Local\2022\2314711 Liberty North HS_SBI MEP_2022_CENTRAL_charlesboot\9028.rvt



A1 Scale LIGHTING PLAN - AREA F - LEVEL 1

SHEET KEYNOTE LEGEND



smith & boucher
engineers
25618 west 103rd St. olathe, ks 66061
phone: 913.345.2127 fax: 913.345.0617
project number: 2314711

KEY PLAN

we design the future™
1828 Walnut Street Suite 922
Kansas City, MO 64108
t 816.442.7700
115 Wilcox Street Suite 210
Castle Rock, CO 80104
t 720.949.1689
HOLLISANDMILLER.COM

Holls + Miller Architects
Missouri State Certificate of Authority
Architecture # 00000001
Structure # 2006031333

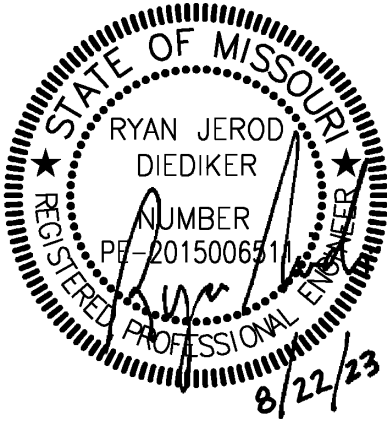
Smith & Boucher
Mechanic, Electric, Plumbing
State Certificate of Authority # EGC000178
25618 W 103rd Street
Olathe, KS 66061
913.345.2127 phone

Liberty North High School Lighting Upgrades

Liberty Public Schools
1000 NE 104th Street
Liberty, MO 64068

REVISIONS:

#	Description	Date
---	-------------	------

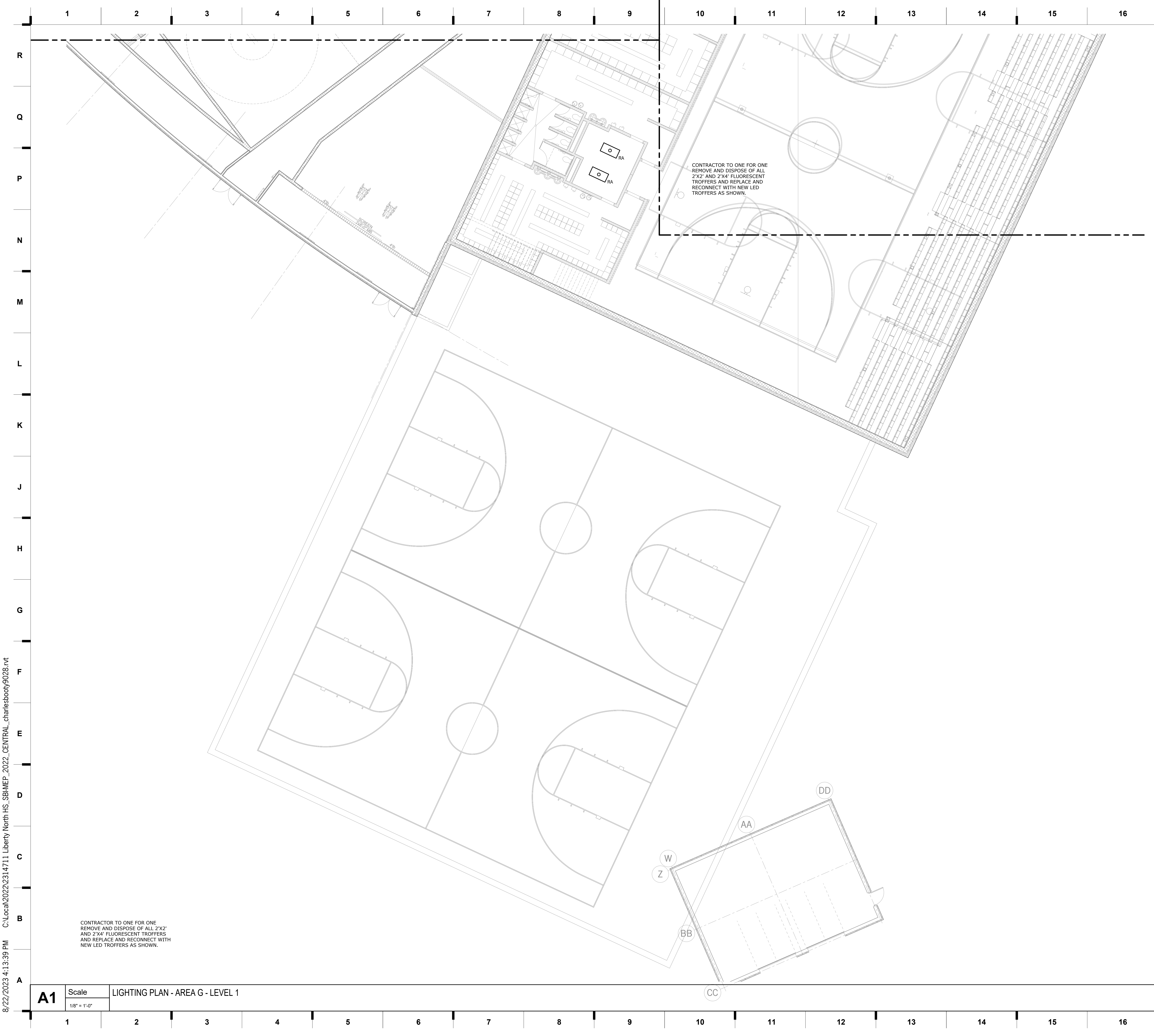


The Professional Engineer and Architect have applied their seal and signature to the plans and documents shown on this sheet. All drawings, specifications and other documents are subject to the seal and signature of the professional engineer or architect, and not without express consent any and all drawings for such plans, drawings, or documents are hereby approved.

JOB NO: 21121.00
DRAWN BY: SBI
CHECKED BY: RJD
DATE: 08-22-2023

E101F

C:\Local2022\2314711 Liberty North HS_SBI MEP_2022_CENTRAL_charlesboot\9028.rvt 8/22/2023 4:13:39 PM

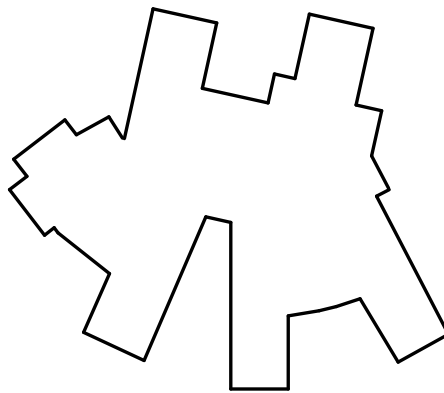


A1 Scale LIGHTING PLAN - AREA G - LEVEL 1

SHEET KEYNOTE LEGEND



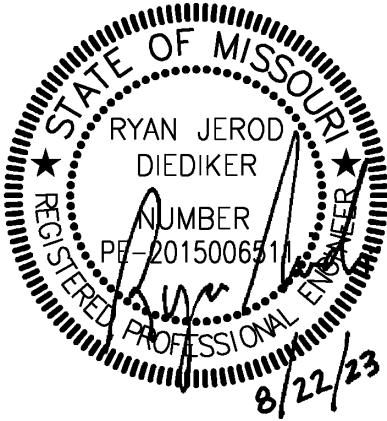
KEY PLAN



Liberty North High School Lighting Upgrades

Liberty Public Schools
1000 NE 104th Street
Liberty, MO 64068

REVISIONS:		
#	Description	Date



JOB NO: 21121.00
DRAWN BY: SBI
CHECKED BY: RJD
DATE: 08-22-2023

E101G

we design the future®
1828 Walnut Street Suite 922
Kansas City, MO 64108
t 816.442.7700
115 Wilcox Street Suite 210
Castle Rock, CO 80104
t 720.949.1689
HOLLISANDMILLER.COM

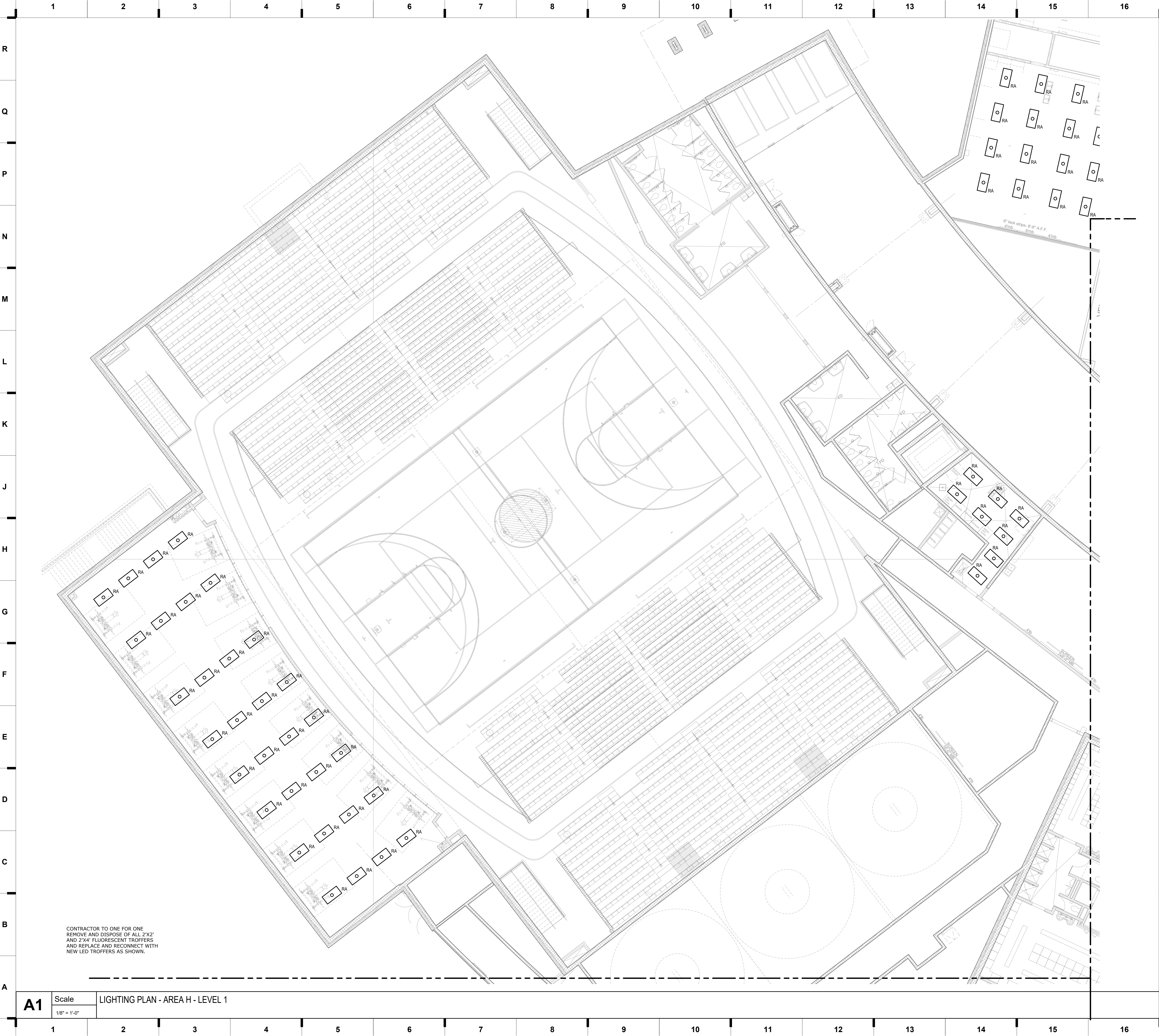
Holls + Miller Architects
Missouri State Certificate of Authority
Architecture # 00001001
Structure # 2006031333

Smith & Boucher
Mechanic, Electric, Plumbing
State Certificate of Authority #EGC000178
25618 W 103rd Street
Olathe, KS 66061
913.345.2127 phone

100%
CONSTRUCTION
DOCUMENTS

hollis + miller architects®

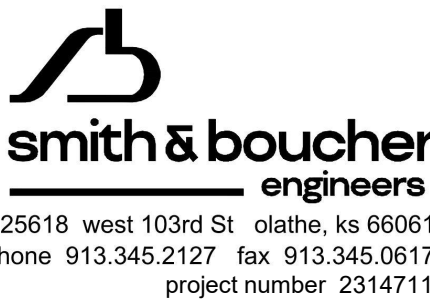
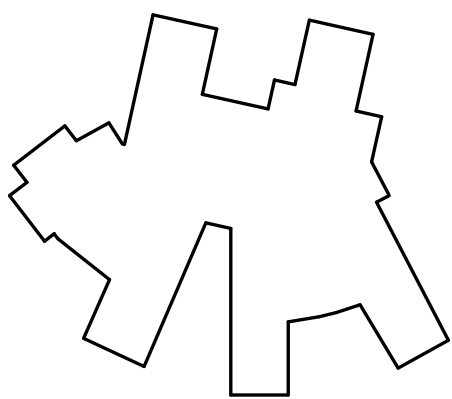
8/22/2023 4:13:50 PM C:\local\2022\2314711 Liberty North HS_SBI MEP_2022_CENTRAL_charlesboot\9028.rvt



CONTRACTOR TO ONE FOR ONE
REMOVE AND DISPOSE OF ALL 2'X2'
AND 2'X4' FLUORESCENT TROFFERS
AND REPLACE AND RECONNECT WITH
NEW LED TROFFERS AS SHOWN.

A1 Scale LIGHTING PLAN - AREA H - LEVEL 1
1/8" = 1'-0"

SHEET KEYNOTE LEGEND

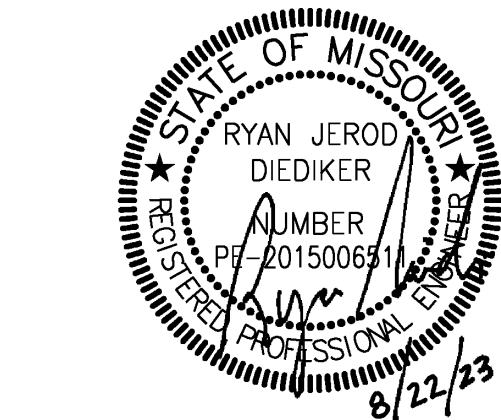


25618 west 103rd St - olathe, ks 66061
phone 913.345.2127 fax 913.345.0617
project number 2314711

KEY PLAN

REVISIONS:

#	Description	Date
---	-------------	------



JOB NO: 21121.00
DRAWN BY: SBI
CHECKED BY: RJJ
DATE: 08-22-2023

E101H

LIGHTING PLAN - AREA H - LEVEL 1

Liberty North High School Lighting Upgrades

Liberty Public Schools
1000 NE 104th Street
Liberty, MO 64068

100%
CONSTRUCTION
DOCUMENTS

we design the future®
1828 Walnut Street Suite 922
Kansas City, MO 64108
t 816.442.7700

115 Wilcox Street Suite 210
Castle Rock, CO 80104
t 720.949.1689

HOLLISANDMILLER.COM

Hollis + Miller Architects
Missouri State Certificate of Authority
Architecture # 00001001
Structure # 2006031333

Smith & Boucher
Mechanic, Electric, Plumbing
State Certificate of Authority #ECC000178
25618 W 103rd Street
Olathe, KS 66061
913.345.2127 phone

hollis + miller architects®
R
Q
P
N
M
L
K
J
H
G
F
E
D
C
B
A

8/22/2023 4:14:29 PM C:\Local2022\2314711 Liberty North HS_SBI-MEP_2022_CENTRAL_charlesboot\9028.rvt



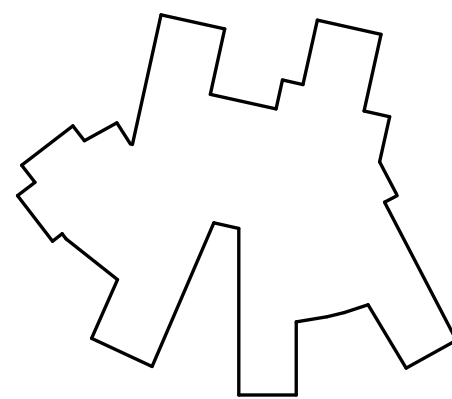
A1

Scale

1/32" = 1'-0"

OVERALL PLAN - LEVEL 2

SHEET KEYNOTE LEGEND



smith & boucher

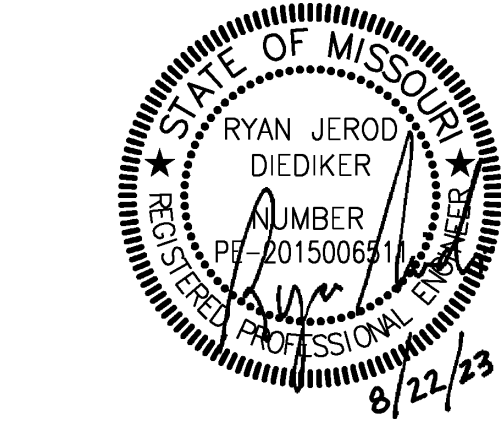
engineers

25618 west 103rd St olathe, ks 66061

phone 913.345.2127 fax 913.345.0617

project number 2314711

REVISIONS:		
#	Description	Date



JOB NO: 21121.00
DRAWN BY: SBI
CHECKED BY: RJD
DATE: 08-22-2023

E102

OVERALL PLAN - LEVEL 2 - DEMOLITION

Liberty North High School Lighting Upgrades

Liberty Public Schools
1000 NE 104th Street
Liberty, MO 64068

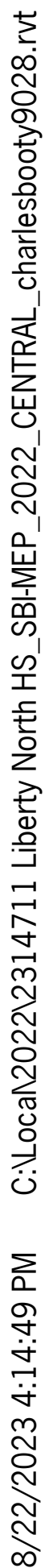
100%
CONSTRUCTION
DOCUMENTS

we design the future®
1828 Walnut Street Suite 922
Kansas City, MO 64108
t 816.442.7700
115 Wilcox Street Suite 210
Castle Rock, CO 80104
t 720.949.1689
HOLLISANDMILLER.COM

Hollis + Miller Architects
Missouri State Certificate of Authority
Architecture # 00001051
Structure # 2006031333

Smith & Boucher
Mechanic, Electric, Plumbing
State Certificate of Authority #EGC000178
25618 W 103rd Street
Olathe, KS 66061
913.345.2127 phone

hollis + miller architects®



we design the future

1828 Walnut Street Suite 922
Kansas City, MO 64108
T 816.442.7700

115 Wilcox Street Suite 210
Castle Rock, CO 80104
T 720.949.1689

HOLLISANDMILLER.COM

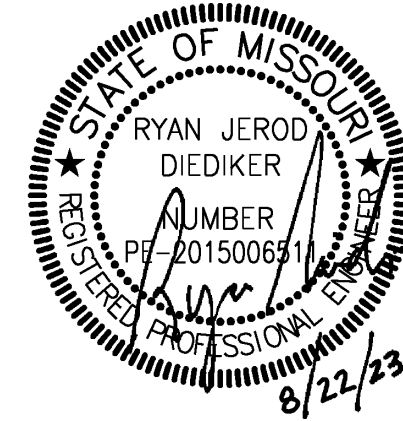
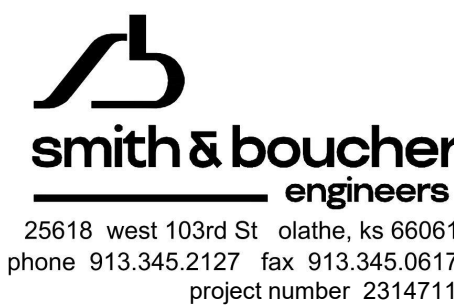
Hollis + Miller Architects
Missouri State Certificate of Authority
Architecture # 0000161
Structure # 2006031333

Smith & Boucher
Mechanic, Electric, Plumbing
State Certificate of Authority #EGC000178
25618 W 103rd Street
Olathe, KS 66061
913.345.2127 phone

Liberty Public Schools
1000 NE 104th Street
Liberty, MO 64068

**100%
CONSTRUCTION
DOCUMENTS**

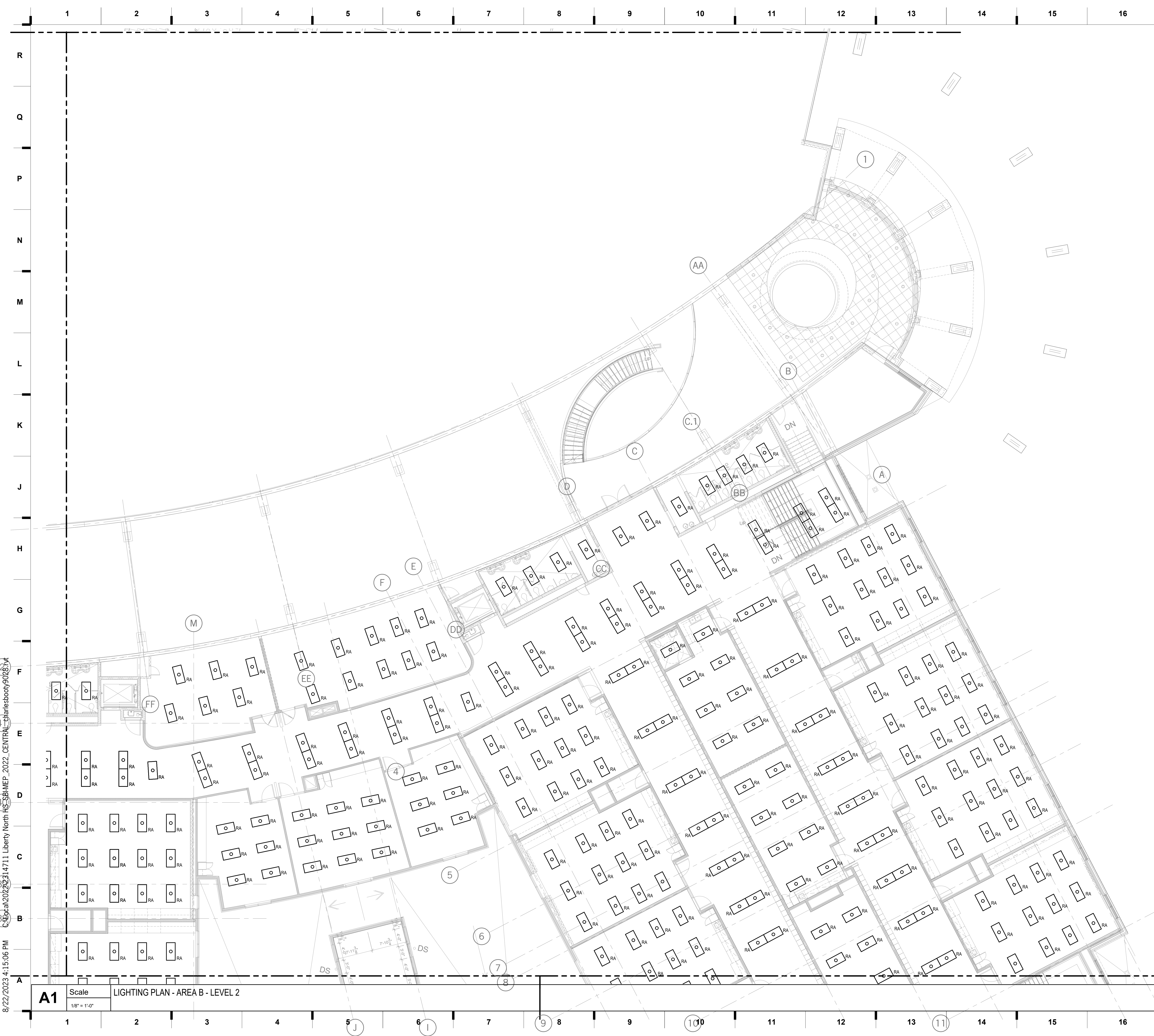
#	Description	Date
---	-------------	------



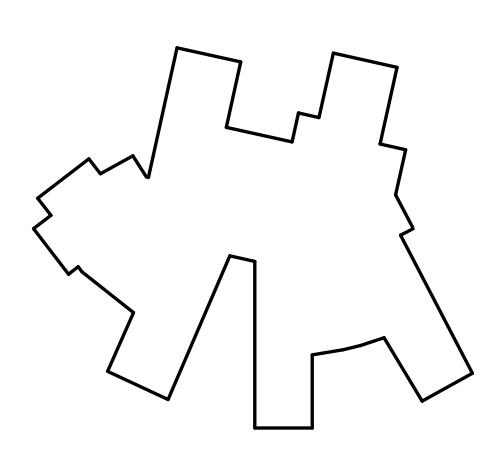
JOB NO: 21121.00
DRAWN BY: SBI
CHECKED BY: RJD
DATE: 08-22-2023

E102A

LIGHTING PLAN - AREA A - LEVEL 2



SHEET KEYNOTE LEGEND



we design the future®
1828 Walnut Street Suite 922
Kansas City, MO 64108
1 816.442.7700
115 Wilcox Street Suite 210
Castle Rock, CO 80104
1 720.949.1689
HOLLISANDMILLER.COM

Hollis + Miller Architects
Missouri State Certificate of Authority
Architecture # 00001081
Structure # 2006031333

Smith & Boucher
Mechanic, Electric, Plumbing
State Certificate of Authority #ECC000178
25618 W 103rd Street
Olathe, KS 66061
913.345.2127 phone

Liberty North High School Lighting Upgrades

Liberty Public Schools
1000 NE 104th Street
Liberty, MO 64068

100%
CONSTRUCTION
DOCUMENTS

REVISIONS:		
#	Description	Date

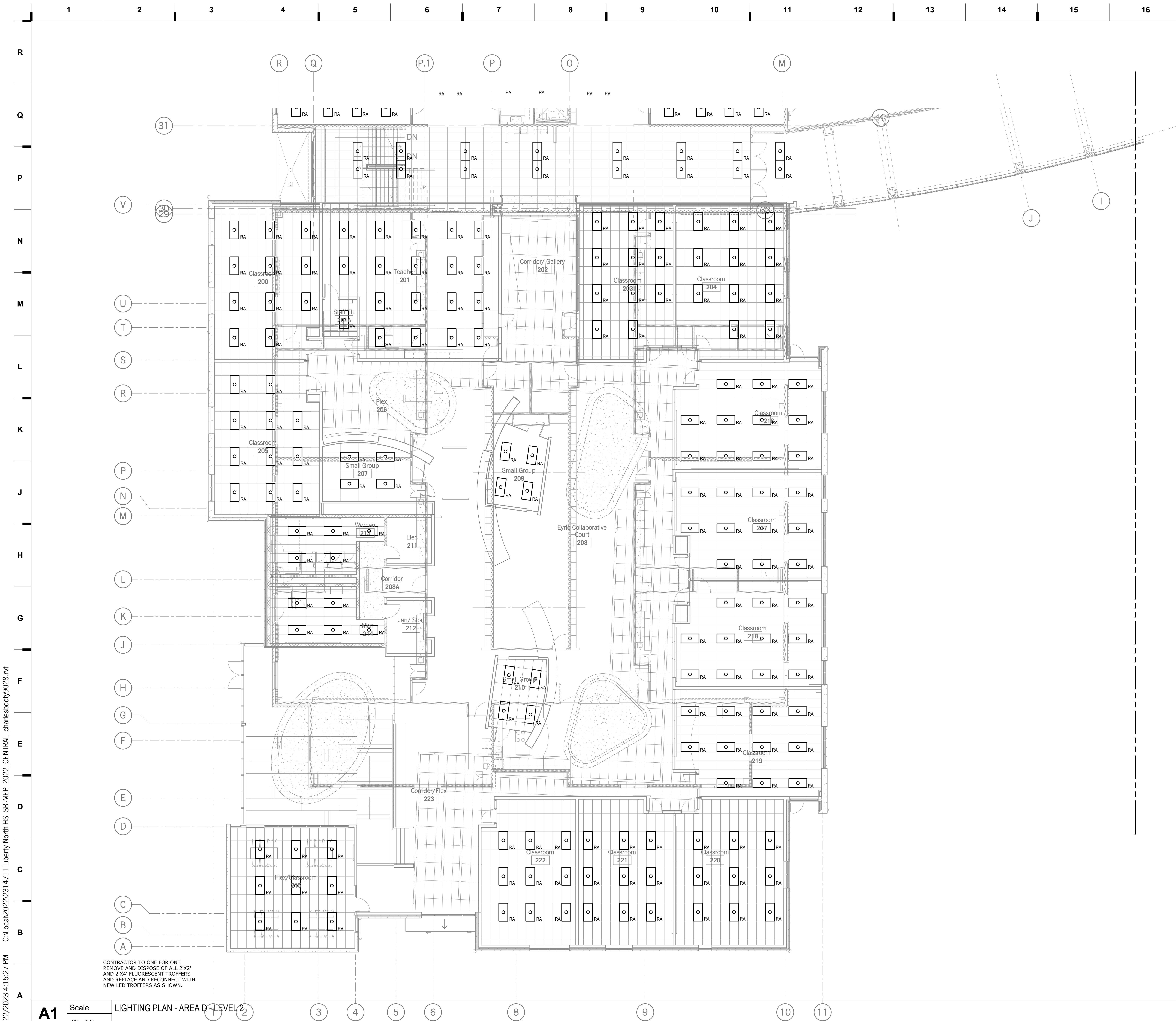

smith & boucher
engineers
25618 west 103rd St olathe, ks 66061
phone 913.345.2127 fax 913.345.0617
project number 2314711



JOB NO: 21121.00
DRAWN BY: SBI
CHECKED BY: RJD
DATE: 08-22-2023

E102B

8/22/2023 4:15:06 PM C:\gcal\2022\2314711 Liberty North HS-SBI-MEP_2022_CENTRAL-Charlesboot\90281.rvt

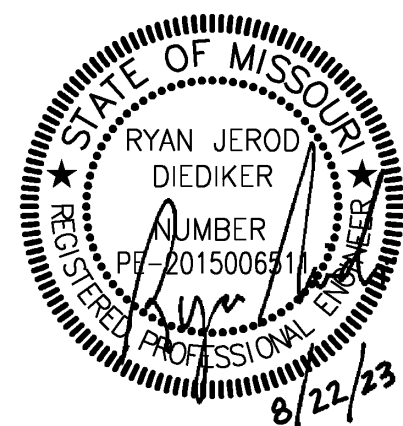
[illegible]



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----

Smith & Boucher
Mechanic, Electric, Plumbing
State Certificate of Authority #EGC000178
25618 W 103rd Street
Olathe, KS 66061
913.345.2127 phone

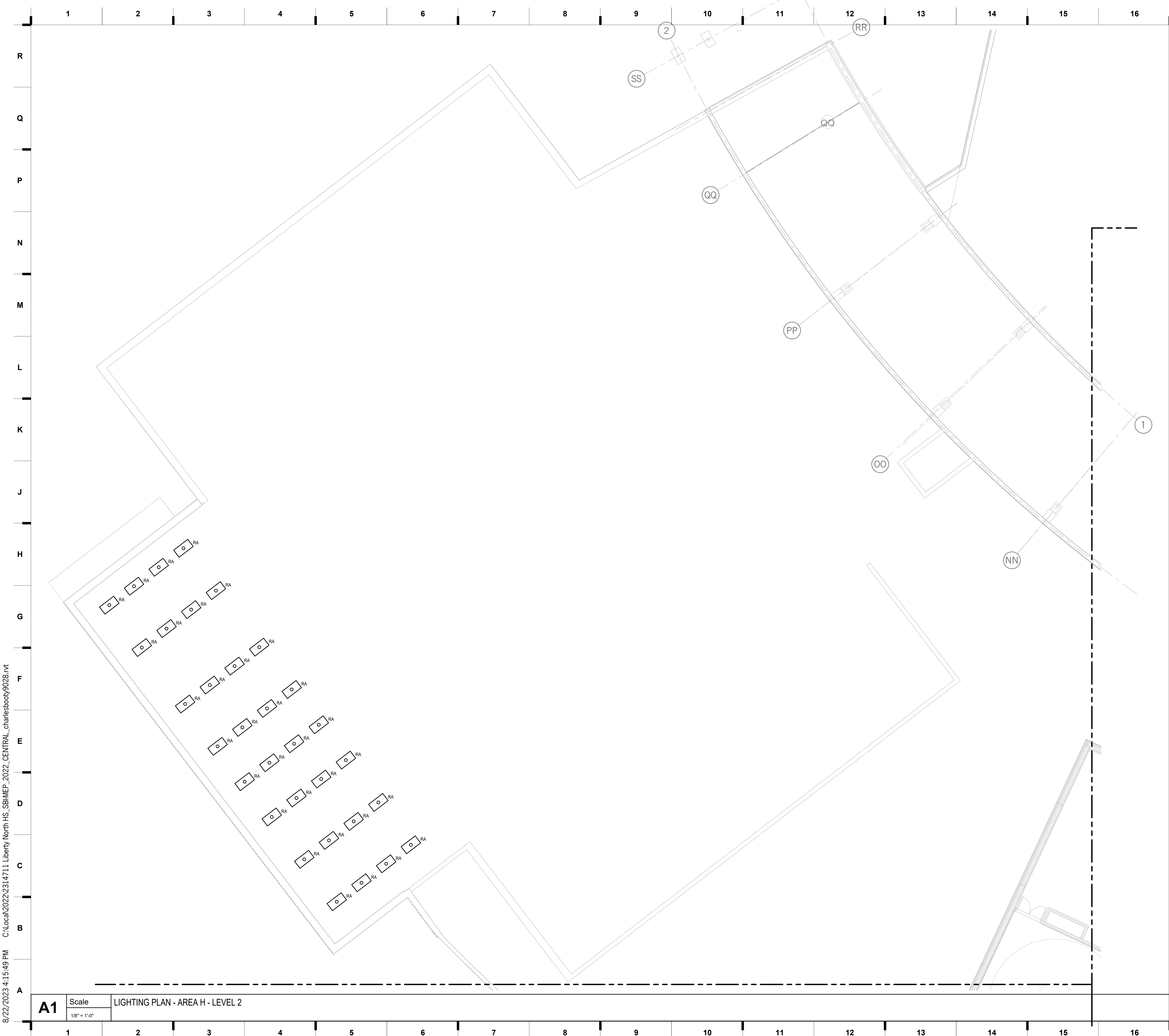
Liberty Public Schools
1000 NE 104th Street
Liberty, MO 64068



E102E

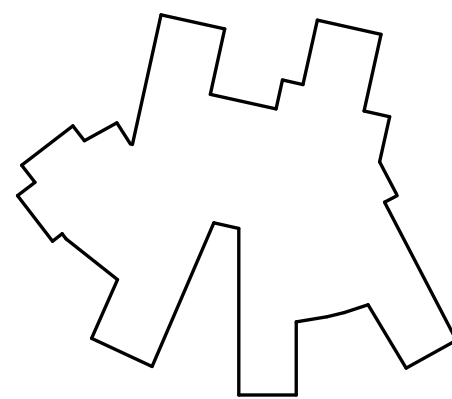
 Please consider the environment before printing this document.

C:\Local2022\2314711 Liberty North HS_SBI-MEP_2022_CENTRAL_charlesboot\9028.rvt 8/22/2023 4:15:49 PM



A1 Scale LIGHTING PLAN - AREA H - LEVEL 2
1/8" = 1'-0"

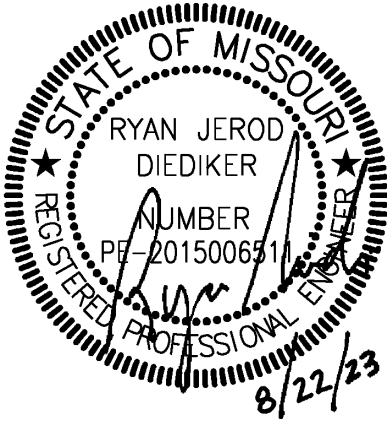
SHEET KEYNOTE LEGEND



smith & boucher
engineers
25618 west 103rd St - olathe, ks 66061
phone: 913.345.2127 fax: 913.345.0617
project number: 2314711

REVISIONS:		
#	Description	Date

Liberty North High School Lighting Upgrades
Liberty Public Schools
1000 NE 104th Street
Liberty, MO 64068



JOB NO: 21121.00
DRAWN BY: SBI
CHECKED BY: RJD
DATE: 08-22-2023

E102H

we design the future®
1828 Walnut Street Suite 922
Kansas City, MO 64108
t 816.442.7700

115 Wilcox Street Suite 210
Castle Rock, CO 80104
t 720.949.1689

HOLLISANDMILLER.COM

Holls + Miller Architects
Missouri State Certificate of Authority
Architecture # 00001051
Structure # 2006031333

Smith & Boucher
Mechanic, Electric, Plumbing
State Certificate of Authority #EGC000178
25618 W 103rd Street
Olathe, KS 66061
913.345.2127 phone

100%
CONSTRUCTION
DOCUMENTS

hollis + miller architects®

Age Group	Number of People
1	1
2	1
3	1
4	1
5	1
6	1
7	1
8	1
9	1
10	1
11	1
12	1
13	1
14	1
15	1
16	1
17	1

R

Q

P

N

M

L

K

J

H

G

F

E

D

C

B

A

LIGHT FIXTURE SCHEDULE						
TYPE	DESCRIPTION	MOUNTING	LAMP	VOLTS	MANUFACTURER	V/A
RA	2x4" RECESSED TOP LIT FLAT PANEL. INTEGRAL 0-10V DIMMING DRIVER. FIELD SELECTABLE OUTPUT AND CCT	RECESSED GRID	LED 4700 LUMENS (DELIVERED) 3500K 80 CRI	UNV	WILLIAMS SERIES BP GE CURRENT LPL LITHONIA CPX KEYSTONE XFIT	50
RA-L	SET FIXTURE IN FIELD TO 3100 LUMEN OUTPUT ON SWITCHABLE OUTPUT					
RA2	SAME AS 'RA' EXCEPT 2X2" FIELD SELECTABLE OUTPUT AND CCT	RECESSED GRID	LED 4200 LUMENS (DELIVERED) 3500K 80 CRI	UNV	WILLIAMS SERIES BP GE CURRENT LPL LITHONIA CPX KEYSTONE XFIT	40
RA2-L	SET FIXTURE IN FIELD TO 3000 LUMEN OUTPUT ON SWITCHABLE OUTPUT					

we design the future®

1828 Walnut Street Suite 922
Kansas City, MO 64108
T 816.442.7700

115 Wilcox Street Suite 210
Castle Rock, CO 80104
T 720.949.1689

HOLLISANDMILLER.COM

Hollis + Miller Architects
Missouri State Certificate of Authority
Architecture # 0000161
Structure # 2008031333

Smith & Boucher
Mechanic, Electric, Plumbing
State Certificate of Authority #EGC000178
25618 W 103rd Street
Olathe, KS 66061
913.345.2127 phone

Liberty North High School Lighting Upgrades

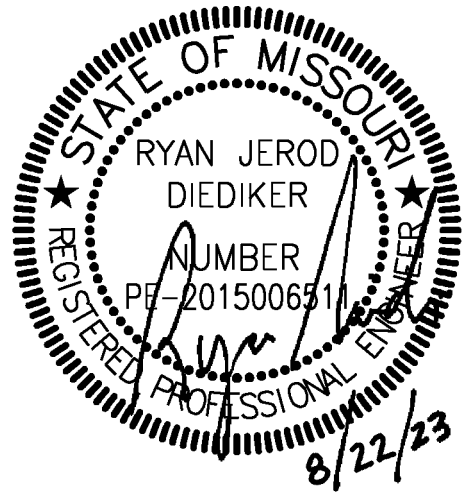
Liberty North High
Liberty Public Schools

**1000 NE 104th Street
Liberty, MO 64068**

**100%
CONSTRUCTION
DOCUMENTS**

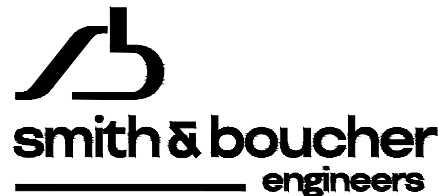
REVISIONS:

#	Description	Date
---	-------------	------



[The Professional Architect's seal affixed to this sheet applies only to the material and items shown on this sheet. A drawing, instrument or other documents not exhibiting this seal shall not be considered prepared by this architect and this architect expressly disclaims any and all responsibility for such plan, drawings, or documents not exhibiting this seal.]

JOB NO: 21121.00
DRAWN BY: SBI
CHECKED BY: RJD
DATE: 08.22.2023



25618 west 103rd St olathe, ks 66061
phone 913.345.2127 fax 913.345.0617
project number 2212704

E301

Liberty SD - Liberty North HS - Lighting
X:\23\23147\Drawings\06-2314711-5301.dwg
Tuesday, August 22, 2023 4:11:56 PM
Jensz
Tuesday, August 22, 2023 4:17:47 PM
Booty Charles

PROJECT NAME:
AUTOCAD FILE LOCATION \ NAME:
LAST CORRECTION BY ♦ DATE ♦ TIME: