

FEEDER TAG	CONDUCTORS			CONDUCTORS PER SET	
	MET	SETS	RNC	PHASE/NEUTRAL	GROUND
(1200.3)	3.00"	4	3.00"	(3) 350 KCMIL	#3/3
(600.4)	2.50"	2	3.00"	(3) 350 KCMIL	#1
(400.4)	2.00"	2	2.50"	(4) #5/0	#2
(225.3)	2.00"	1	2.50"	(3) #4/0	#3
(200.4K)	2.50"	1	2.50"	(3) #4/0(2) #3/0-N	#6
(200.4)	2.00"	1	2.50"	(4) #3/0	#6
(150.3)	1.50"	1	2.00"	(3) #1/0	#6
(100.4)	1.25"	1	1.50"	(4) #2	#8
(100.3)	1.25"	1	1.50"	(3) #2	#8
(90.4)	1.25"	1	1.50"	(4) #2	#8
(90.3)	1.25"	1	1.50"	(3) #2	#8
(80.4)	1.25"	1	1.50"	(4) #4	#8
(80.3)	1.00"	1	1.50"	(3) #4	#8
(70.4)	1.25"	1	1.50"	(4) #4	#8
(70.3)	1.00"	1	1.50"	(3) #4	#8
(60.4)	1.00"	1	1.00"	(4) #6	#10
(60.3)	0.75"	1	1.00"	(3) #6	#10
(50.4K)	1.00"	1	1.50"	(3) #6,(1) #2-N	#10
(50.4)	1.00"	1	1.00"	(4) #6	#10
(50.3)	0.75"	1	1.00"	(3) #6	#10
(40.4)	0.75"	1	1.00"	(4) #8	#10
(40.3)	0.75"	1	1.00"	(3) #8	#10
(30.4)	0.75"	1	1.00"	(4) #10	#10
(30.3)	0.75"	1	1.00"	(3) #10	#10
(20.4)	0.75"	1	1.00"	(4) #12	#12
(20.3)	0.75"	1	1.00"	(3) #12	#12

1. CONDUCTORS AND CONDUITS SHOWN IN THIS SCHEDULE ARE BASED ON COPPER CONDUCTORS WITH THHN/THWN INSULATION.
2. THIS SCHEDULE SHALL BE USED ON ALL FEEDERS SERVING LOADS WHERE THE CIRCUIT BREAKER SIZE MATCHES THE AMPACITY OF ITS FEEDER, REFERENCE TO EQUIPMENT SCHEDULES SHEET E0005 FOR LOADS, SUCH AS MOTORS, PUMPS, CHILLERS, ETC., WHERE THE CIRCUIT BREAKER SIZE IS LARGER THAN THE AMPACITY OF ITS FEEDER.
3. PROVIDE GROUND WIRE NOTED ABOVE IN ALL FEEDERS AND BRANCH CIRCUITS, WHERE MULTIPLE CONDUITS ARE INDICATED PROVIDE NOTED GROUND WIRE IN EACH CONDUIT.
4. NOMINAL AMPACITIES GREATER THAN 100 AMPS ARE FOR 75°C.
5. MET = EMT, INCL, GRC, PVC, OR PVC COATED GRC TYPE CONDUITS. RMC = PVC 80, PVC 80, PVC 80 OR FIBERGLASS TYPE CONDUITS ROUTED UNDERGROUND. CONDUIT SIZES NOTED IN CHINESE CHARACTER OR ON PLANS SUPERSEDES SIZES NOTED ABOVE IF LARGER.

- ① CONTRACTOR TO PROVIDE (N)EWM (D)MON DIGITAL METERING UNIT AT THE MAIN ELECTRICAL BUILDING OF BLDG "A". METERING TO BE INSTALLED AT EXISTING METER LOCATION AND METER TO MATCH EXISTING.
- ② PANEL TO BE EQUIPPED WITH ISOLATED GROUND BUS BAR. GROUND BUS TO DIRECTLY BACK TO MAIN BUILDING GROUND BUS.
- ③ CONTRACTOR TO PROVIDE DIGITAL MULTI-METER FOR LEED PURPOSES. VERIFY WITH THE CONTROLS CONTRACTOR, THAT THE METER HAS THE PROPER COMMUNICATION PROTOCOL FOR INTEGRATION INTO THE BMS.



A	07/06/12	BULLETIN 1	
	08/21/12	PLAN CHECK 2	
	05/07/12	PLAN CHECK 1	
E	03/06/12	ADDENDUM 3	
F	02/21/12	ADDENDUM 2	
NO.	DATE	BY	DESCRIPTION

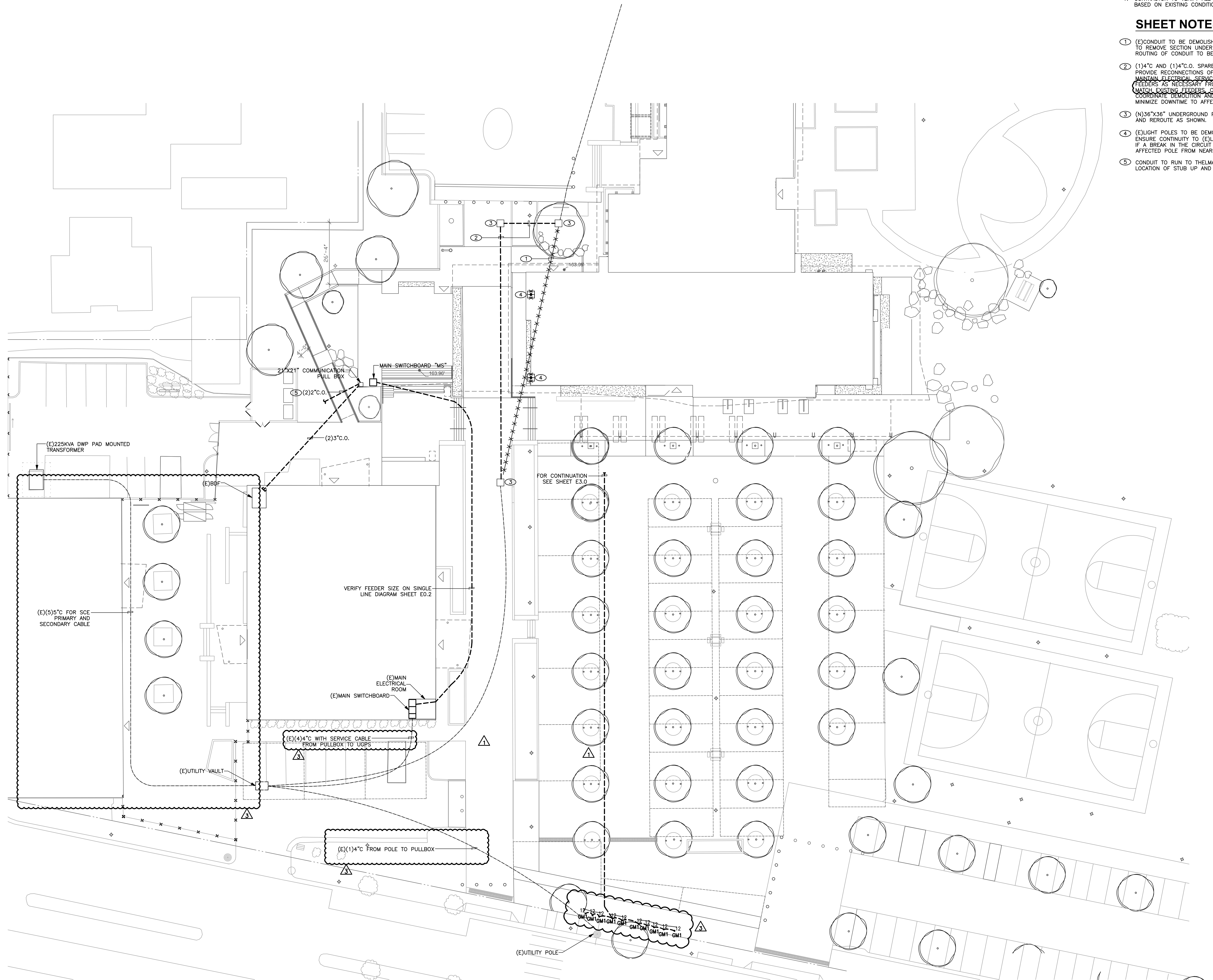
REVISIONS

[illegible]

MANDATORY MEASURES	
Project Name: PICO BRANCH LIBRARY (SMALL BLDG.)	
<input checked="" type="checkbox"/> §131(d)	<p>BUILDING SHUT-OFF</p> <p>THE BUILDING LIGHTING SHUT-OFF SYSTEM CONSISTS OF AN AUTOMATIC TIME SWITCH, WITH A ZONE FOR EACH FLOOR.</p>
<input checked="" type="checkbox"/> §131(c)	<p>OVERRIDE FOR BUILDING LIGHTING SHUT-OFF</p> <p>THE AUTOMATIC BUILDING SHUT-OFF SYSTEM IS PROVIDED WITH A MANUAL, ACCESSIBLE OVERRIDE SWITCH IN SIGHT OF THE LIGHTS. THE AREA OF OVERRIDE IS NOT TO EXCEED 5,000 SQ. FT.</p>
<input checked="" type="checkbox"/> §131(e)	<p>AUTOMATIC CONTROL DEVICES CERTIFIED:</p> <p>ALL AUTOMATIC CONTROL DEVICES SPECIFIED ARE CERTIFIED.</p> <p>ALL ALTERNATE EQUIPMENT SHALL BE CERTIFIED AND INSTALLED AS DIRECTED BY THE MANUFACTURER.</p>
<input checked="" type="checkbox"/> §131(c)	<p>FLOUORESCENT BALLAST AND LUMINAIRES CERTIFIED:</p> <p>ALL FLOUORESCENT FIXTURES SUBJECT TO CERTIFICATION AND SPECIFIED FOR THE PROJECTS ARE CERTIFIED.</p>
<input checked="" type="checkbox"/> §131(c)	<p>INDIVIDUAL ROOM/AREA CONTROLS:</p> <p>EACH ROOM AND AREA IN THIS BUILDING IS EQUIPPED WITH A SEPARATE SWITCH OR OCCUPANCY SENSOR DEVICE FOR EACH AREA WITH FLOOR-TO-CEILING WALLS.</p>
<input checked="" type="checkbox"/> §131(c)	<p>UNIFORM REDUCTION FOR INDIVIDUAL ROOMS:</p> <p>ALL ROOMS AND AREAS GREATER THAN 100 SQUARE FEET AND MORE THAN 0.8 WATTS PER SQUARE FOOT OF LIGHTING LOAD SHALL BE CONTROLLED WITH MULTIPLE SWITCHING FOR UNIFORM REDUCTION OF LIGHTING WITHIN THE ROOM.</p>
<input checked="" type="checkbox"/> §131(c)	<p>DAYLIT AREA CONTROL:</p> <p>ALL ROOMS THAT ARE GREATER THAN 250 SQUARE FEET AND CONTAIN WINDOWS AND SKYLIGHTS, THAT ALLOW FOR THE EFFECTIVE USE OF DAYLIGHT IN THE AREA SHALL HAVE 50% OF THE LIGHTING POWER IN EACH DAYLIT AREA CONTROLLED BY A SEPARATE SWITCH OR THE EFFECTIVE USE OF DAYLIGHT CANNOT BE ACCOMPLISHED BECAUSE THE WINDOWS ARE CONTINUOUSLY SHADED BY A BUILDING ON THE ADJACENT LOT. DIAGRAM OF SHADING DURING DIFFERENT TIMES OF THE YEAR IS INCLUDED ON PLANS.</p>
<input type="checkbox"/> §131(e)	
<input type="checkbox"/> §131(e)	<p>DISPLAY LIGHTING:</p> <p>DISPLAY LIGHTING SHALL BE SEPARATELY SWITCHED ON CIRCUITS THAT ARE 20 AMPS OR LESS.</p>

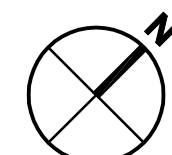
FIXTURE SCHEDULE NOTES

1. CONTRACTOR TO VERIFY FIXTURE TYPES, LAMPING, AND ADDITIONAL FIXTURE INFORMATION WITH LIGHTING DESIGNER SPECIFICATIONS.



1 ELECTRICAL SITE PLAN
SCALE: 1/16"=1'-0"

0 8' 16' 32'



GENERAL NOTES

1. CONTRACTOR TO VERIFY ALL CONDUIT ROUTING IN FIELD BASED ON EXISTING CONDITIONS.

SHEET NOTES

- 1 (E)CONDUIT TO BE DEMOLISHED BETWEEN NEW PULL BOXES TO REMOVE SECTION UNDER NEW BUILDING FOOTING. EXACT ROUTING OF CONDUIT TO BE VERIFIED IN FIELD.
- 2 (1)4"C AND (1)4"C.O. SPARE TO BE ADDED AS SHOWN. PROVIDE RECONNECTIONS OF ALL FEEDERS AT (E)PULLBOX TO MAINTAIN ELECTRICAL SERVICE AT BUILDING. PULL NEW FEEDERS AS NECESSARY FROM SOURCE TO BUILDING TO MATCH EXISTING FEEDERS. CONTRACTOR TO FIELD VERIFY COORDINATE DEMOLITION AND RECONNECTION WITH CITY TO MINIMIZE DOWNTIME TO AFFECTED BUILDINGS.
- 3 (N)36"x36" UNDERGROUND PULLBOX. INTERCEPT (E)CONDUIT AND REROUTE AS SHOWN.
- 4 (E)LIGHT POLES TO BE DEMOLISHED. CONTRACTOR TO ENSURE CONTINUITY TO (E)LIGHT POLES THAT ARE REMAINING. IF A BREAK IN THE CIRCUIT OCCURS, EXTEND CIRCUIT TO AFFECTED POLE FROM NEAREST EXISTING POLE TO REMAIN.
- 5 CONDUIT TO RUN TO THELMA TERRY BUILDING. VERIFY EXACT LOCATION OF STUB UP AND CONDUIT ROUTING WITH OWNER.

PICO BRANCH LIBRARY

2201 Pico Blvd.
Santa Monica, CA 90404

PROJECT

KoningEizenbergArchitecture
1454 29th St, Santa Monica, CA 90404

310.828.6131 info@kearch.com
310.828.0719 fax www.kearch.com

ARCHITECT'S PROJECT NO.

1001

ARCHITECT

All designs, ideas, arrangements and plans indicated by these drawings are the property and copyright of the Architect and shall neither be used on any other work nor be disclosed to any other person for any use whatsoever without written permission.

Koning Eizenberg Architecture and/or its principals and employees waives any and all liability or responsibility for problems that may occur when these plans, drawings, specifications, and/or designs are followed without the professional's guidance with ambiguities, or conflicts which are alleged.



GLUMAC

617 W. 7th Street, Suite 500
Los Angeles, CA 90017
T: 213.239.8866 F: 213.239.8816
www.glumac.com
Job No.: 06.11.0102
Contact: E. LEE

engineers for a sustainable future™

CONSULTANT

City of
Santa Monica
Architecture Services

1437 4TH STREET, SUITE 300
SANTA MONICA, CA 90401
TEL: (310) 458-2205
FAX: (310) 399-1541
architecture@smgov.net

DATE: 07/16/2012

SUBMITTED BY:

DATE: 07/16/2012

APPROVED BY:
Miriam Mulder,
Architecture Services Manager

CITY OF SANTA MONICA
DEPARTMENT OF PUBLIC WORKS

REVIEWED BY: DATE: 07/16/2012

REVIEWED BY: DATE: 07/16/2012

REVIEWED BY: DATE: 07/16/2012

CITY CLIENT

NO.	DATE	BY	DESCRIPTION
1	07/16/12		BULLETIN 1
2	06/21/12		PLAN CHECK 2
3	05/07/12		PLAN CHECK 1
4	03/06/12		ADDENDUM 3
5	02/21/12		ADDENDUM 2
REVISIONS			

ISSUE

100% CONSTRUCTION DOCUMENTS

DATE:

07/16/2012

DRAWING NO. 6693

SHEET TITLE

ELECTRICAL
SITE PLAN

SHEET NO.

E1.0



A horizontal bar divided into 16 equal segments, with labels 0, 4', 8', and 16 below it.

1. ELECTRICAL CONTRACTOR TO PROVIDE 120V CONNECTION TO ACTUATORS. LOW VOLTAGE TRANSFORMER TO BE PROVIDED BY DIV 23 CONTROLS.
2. COORDINATE WITH MECHANICAL EXACT LOCATION OF EQUIPMENT. PRE-INSTALLATION POWER & TERMINATION REQUIREMENTS.
3. THE DESIGN OF THE UNDERLOOR AIR DISTRIBUTION SYSTEM IS BASED ON A SEALED, AIRTIGHT UNDERFLOOR PLENUM. ALL CONSTRUCTION JOINTS AT PLENUM BOUNDARIES AND PLENUM DIVIDING PARTITIONS SHALL BE SEALED AIRTIGHT. ALL UNDERFLOOR PLENUMS SHALL BE CONDUCTED AND OTHER SERVICES SHALL BE SEALED AIRTIGHT. PLENUMS SHALL BE TESTED FOR LEAKAGE PER THE UNDERFLOOR PLENUMS AND CONDUIT ARCHITECTURAL DRAWINGS FOR CONSTRUCTION DETAILS AND ADDITIONAL INFORMATION.
4. FOR ADDITIONAL INFORMATION ON LOW VOLTAGE SYSTEMS (IT & AV) SEE LOW VOLTAGE CONSULTANT DRAWINGS.
5. ALL OUTDOOR EQUIPMENT TO BE IN A NEMA 3R WEATHERPROOF ENCLOSURE.
6. CONTRACTOR TO SEE AV DRAWINGS FOR ADDITIONAL UNDERFLOOR PLENUM REQUIREMENTS.

- ① ISOLATED GROUND RECEPTACLE FOR CONNECTION TO
CONNECTION TO POWER DISTRIBUTION BOXES. VERIFY FINAL
CONNECTIONS AND WIRING REQUIREMENTS WITH
MANUFACTURER.
- ② J-BOX FOR CONNECTION TO FACP. VERIFY EXACT
LOCATION WITH IT DRAWINGS.
- ③ J-BOX FOR CONNECTION TO SECURITY PANEL. VERIFY
EXACT LOCATION WITH IT DRAWINGS.
- ④ 2" C.O. TO STUB UP TO CEILING SPACE ABOVE IDF
RUM. PROVIDE CEILING MOUNTED OUTLET IN CEILING
SPACE NEAR CONDUIT STUB UP.
- ⑤ POWER DISTRIBUTION UNIT TO BE TATE ZONE
DISTRIBUTION BOX OR EQUAL WITH JUMPER
CONNECTIONS TO POWER FLOOR BOXES. INSTALL
PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- ⑥ FLOOR BOX TO BE TATE COMPATIBLE WITH JUMPER
CONNECTIONS. OUTLET TYPE AS SHOWN PER SYMBOL
LEGEND ON SHEET E0.1. FLOOR BOX FINISH TO MATCH
SURROUNDING FLOOR FINISH. SEE ARCHITECTURAL
FINISHES DRAWING FOR MORE DETAILS.
- ⑦ MECHANICAL UNIT TO BE FEED POWER VIA
CORRESPONDING CONDENSER UNIT ON THE ROOF.
SPLIT SYSTEM TO BE SINGLE POINT OF CONNECTION
FLOOR FINISH. SEE MECHANICAL DRAWINGS FOR MORE
DETAILS.
- ⑧ J-BOX CONNECTION TO CATV PANEL. VERIFY EXACT
LOCATION WITH IT DRAWINGS.
- ⑨ J-BOX FOR CONNECTION TO TELCO PANEL. VERIFY
EXACT LOCATION WITH IT DRAWINGS.
- ⑩ J-BOX FOR CONNECTION TO BET PANEL. VERIFY EXACT
LOCATION WITH IT DRAWINGS.

- 11 CONTRACTOR TO COORDINATE OUTLET MOUNTING & J-BOX WITH ARCHITECTURAL DETAIL.
- 12 J-BOX CONNECTION TO LIGHTED SHELVES. PROVIDE FINAL CONNECTIONS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 13 NOT USED.
- 14 RECEPTABLES TO BE RECESSED IN THE CONCRETE COUNTER. SEE ARCHITECTURAL DETAILS FOR MORE INFORMATION.
- 15 JUNCTION BOX FOR MOTORIZED OVERHEAD COILING DOOR. PROVIDE FINAL CONNECTIONS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 16 JUNCTION BOX FOR MOTORIZED PROJECTOR SCREEN IN CEILING SPACE. VERIFY EXIST SCREEN LOCATION AND PROVIDE FINAL CONNECTIONS TO SCREEN MOTOR PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 17 CONTRACTOR TO MATCH FINISH OF POWER PANEL TO THE FINISH OF THE WALL ON WHICH IT IS INSTALLED. VERIFY EXACT FINISH OF WALL WITH ARCHITECTURAL DRAWINGS.
- 18 JUNCTION BOX FOR CONNECTION TO HAND DRYER. PROVIDE FINAL CONNECTIONS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 19 JUNCTION BOX FOR ADA ACCESS BUTTON. EXTEND CONDUIT AND WIRING TO FEED POWER TO CONTROL PANEL WHERE LOCATED.
- 20 JUNCTION BOX FOR MIECHO SHADE CONTROLLER. PROVIDE FINAL CONNECTIONS TO SHADES CONTROLLER PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

All designs, ideas, arrangements and plans indicated by these drawings are the property and copyright of the Architect and shall neither be used on any other work nor be disclosed to any other person for any use whatsoever without written permission.

Koning Eizenberg Architecture and/or its principals and employees waives any and all liability or responsibility for problems that may occur when these plans, drawings, specifications, and/or designs are followed without the professional's guidance with ambiguities, or conflicts which are alleged.



GLUMAC

617 W. 7th Street, Suite 500
Los Angeles, CA 90017
T. 213.239.8866 F. 213.239.8811
www.glumac.com
Job No.: 06.11.00182
Contact: E. LEE

engineers for a sustainable future

CONSULTANT



City of
Santa Monica
Architecture Services

1437 4TH STREET, SUITE 300
SANTA MONICA, CA 90401
TEL. (310) 458-2205
FAX. (310) 399-1541
architecture@smgov.net

DATE: 20

DATE: 20
APPROVED BY:
Miriam Mulder,
Architecture Services Manager

CITY OF SANTA MONICA

REVIEWED BY : DATE : 20

REVIEWED BY : DATE : 20

REVIEWED BY : DATE : 20

CITY CLIENT

3	07/16/12		BULLETIN 1
	08/21/12		PLAN CHECK 2
	05/07/12		PLAN CHECK 1
2	03/06/12		ADDENDUM 3
1	02/21/12		ADDENDUM 2
NO.	DATE	BY	DESCRIPTION

REVISIONS

ISSUE

100% CONSTRUCTION DOCUMENTS

DATE _____

07/16/2012

DRAWING NO. **6693**

SHEET TITLE

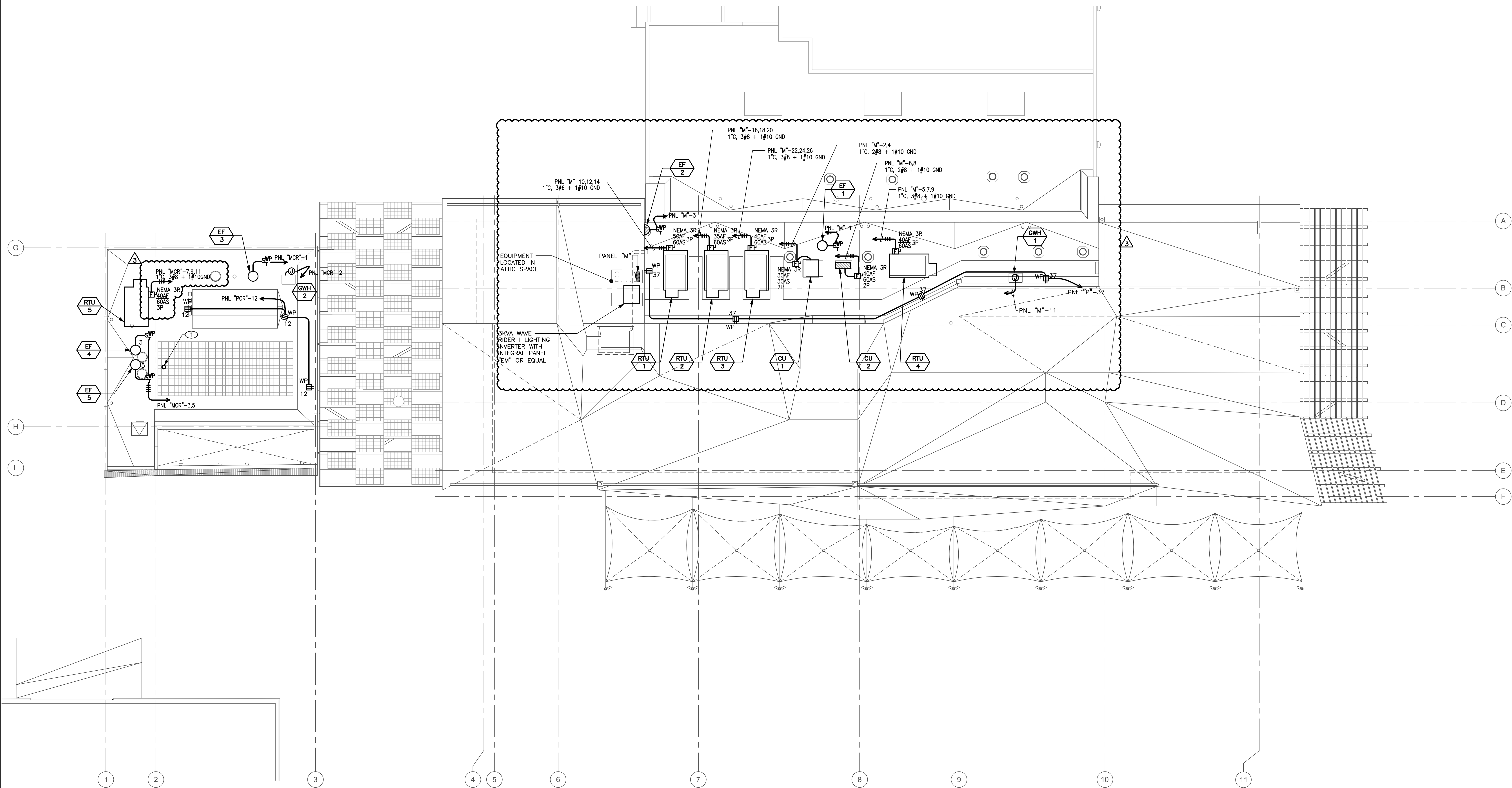
POWER PLAN

SHEET NO.

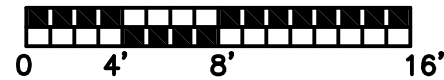
E2.0

SHEET NOTES

- ① CONTRACTOR TO PROVIDE (1)4" C.O. TO STUB INTO ELECTRICAL ROOM FOR PV CONNECTIONS. CONFIRM CONDUIT REQUIREMENTS WITH PV VENDOR.



1 POWER ROOF PLAN
SCALE: 1/8"=1'-0"



PICO BRANCH LIBRARY

2201 Pico Blvd.
Santa Monica, CA 90404

PROJECT

KoningEizenbergArchitecture
1454 25th St. Santa Monica, CA 90404

310.828.6131 info@kearch.com
310.828.0719 fax www.kearch.com

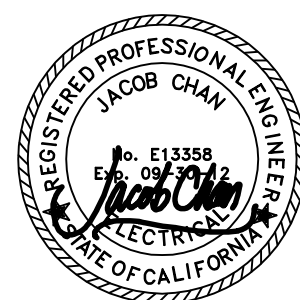
ARCHITECT'S PROJECT NO.

1001

ARCHITECT

All designs, ideas, arrangements and plans indicated by these drawings are the property and copyright of the Architect and shall neither be used on any other work nor be disclosed to any other person for any use whatsoever without written permission.

Koning Eizenberg Architecture and/or its principals and employees waives any and all liability or responsibility for problems that may occur when these plans, drawings, specifications, and/or designs are followed without the professional's guidance with ambiguities, or conflicts which are alleged.



GLUMAC

617 W. 7th Street, Suite 500
Los Angeles, CA 90017
T. 213.239.8866 F. 213.239.8816
www.glmac.com
Job No.: 06.11.00192
Contact: E. LEE

engineers for a sustainable future

CONSULTANT



City of
Santa Monica
Architecture Services

1437 4TH STREET, SUITE 300
SANTA MONICA, CA 90401
TEL. (310) 458-2205
FAX. (310) 399-1541
architecture@smgov.net

DATE: _____ 20____
SUBMITTED BY: _____

DATE : _____ 20 ____

APPROVED BY :
Miriam Mulder,
Architecture Services Manager

CITY OF SANTA MONICA
DEPARTMENT OF PUBLIC WORKS

REVIEWED BY: DATE: _____ 20__

REVIEWED BY: DATE: _____ 20 ____

REVIEWED BY : DATE : 20

CITY CLIENT

3	07/16/12	BULLETIN 1	
	06/21/12	PLAN CHECK 2	
	05/07/12	PLAN CHECK 1	
2	03/06/12	ADDENDUM 3	
1	02/21/12	ADDENDUM 2	
NO.	DATE	BY	DESCRIPTION

ISSUE

100% CONSTRUCTION DOCUMENTS

DATE _____

07/16/2012

DRAWING NO. **6693**

SHEET TITLE

POWER ROOF PLAN

SHEET NO.

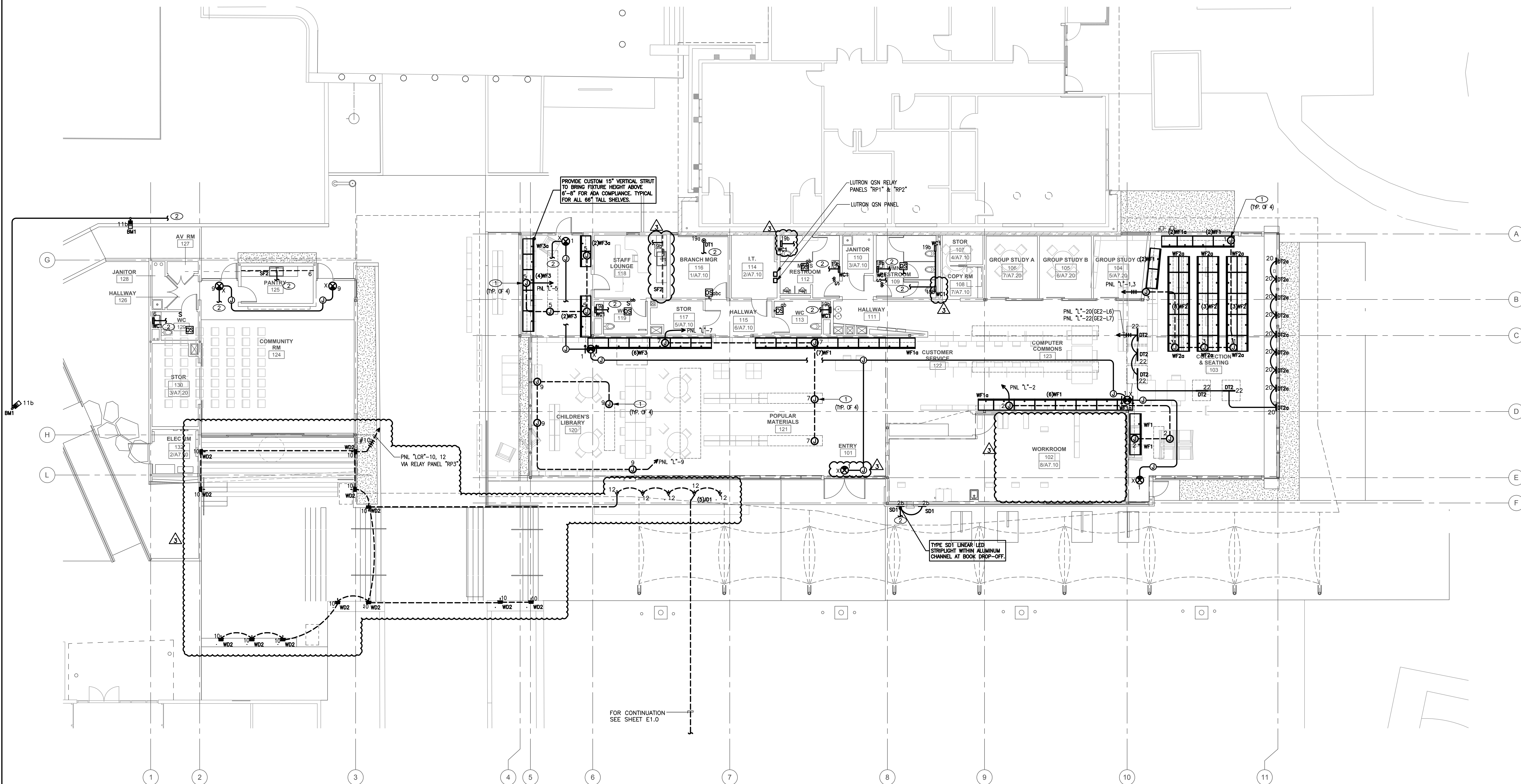
E2.1

GENERAL NOTES

1. ELECTRICAL CONTRACTOR TO PROVIDE 120V CONNECTION TO ACTUATORS. LOW VOLTAGE TRANSFORMER TO BE PROVIDED BY DIV 23 CONTROLS.
2. COORDINATE WITH MECHANICAL EXACT LOCATION OF EQUIPMENT. PRE-INSTALLATION POWER & TERMINATION REQUIREMENTS.
3. THE DESIGN OF THE UNDERFLOOR AIR DISTRIBUTION SYSTEM IS BASED ON A SEALED, AIRTIGHT UNDERFLOOR PLENUM. ALL CONSTRUCTION JOINTS AT PLENUM BOUNDARIES AND PLENUM DIVIDING PARTITIONS SHALL BE SEALED AIRTIGHT. ALL PENETRATIONS FOR PIPES, CONDUIT AND OTHER SERVICES SHALL BE SEALED AIRTIGHT. PLENUMS SHALL BE TESTED FOR LEAKAGE PER THE COMMISSIONING SPECIFICATIONS. PLENUMS THAT DO NOT MEET THE LEAKAGE CRITERIA PER THE SPECIFICATIONS SHALL BE RESEALED AND RETESTED UNTIL THEY PASS. REFER TO THE ARCHITECTURAL DRAWINGS FOR CONSTRUCTION DETAILS AND ADDITIONAL INFORMATION.
4. FOR ADDITIONAL INFORMATION ON LOW VOLTAGE SYSTEMS (IT & AV) SEE LOW VOLTAGE CONSULTANT DRAWINGS.
5. FOR CONTINUATION OF CIRCUITING FOR VANITY LIGHTING & SWITCH LOCATIONS SEE SHEET E3.1

SHEET NOTES

- ① J-BOX FOR CONNECTION TO INTEGRAL SHELVING LIGHTING. SEE ARCHITECTURAL FOR MORE DETAILS.
- ② FOR CONTINUATION REFER TO SHEET E3.1.



1 LOWER LEVEL LIGHTING PLAN

SCALE: 1/8"=1'-0"

0 4 8 16'



PICO BRANCH LIBRARY

2201 Pico Blvd.
Santa Monica, CA 90404

PROJECT

KoningEisenbergArchitecture
1454 29th St. Santa Monica, CA 90404

310.828.6131 info@kearch.com
310.828.0719 fax www.kearch.com

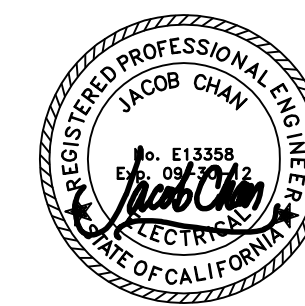
ARCHITECT'S PROJECT NO.

1001

ARCHITECT

All designs, ideas, arrangements and plans indicated by these drawings are the property and copyright of the Architect and shall neither be used on any other work nor be disclosed to any other person for any use whatsoever without written permission.

Koning Eisenberg Architecture and/or its principals and employees waives any and all liability or responsibility for problems that may occur when these plans, drawings, specifications, and/or designs are followed without the professional's guidance with ambiguities, or conflicts which are alleged.



GLUMAC

617 W. 7th Street, Suite 500
Los Angeles, CA 90017
T: 213.239.8866 F: 213.239.8816
www.glumac.com
Job No.: 06.11.0102
Contact: E. LIFE

engineers for a sustainable future™

CONSULTANT



1437 4TH STREET, SUITE 300
SANTA MONICA, CA 90401
TEL: (310) 456-2205
FAX: (310) 399-1541
architecture@smgov.net

DATE: 20

SUBMITTED BY:

DATE: 20

APPROVED BY:

CITY OF SANTA MONICA

DEPARTMENT OF PUBLIC WORKS

REVIEWED BY: DATE: 20

REVIEWED BY: DATE: 20

REVIEWED BY: DATE: 20

CITY CLIENT

NO.	DATE	BY	DESCRIPTION
1	07/16/12		BULLETIN 1
2	06/21/12		PLAN CHECK 2
3	05/07/12		PLAN CHECK 1
4	03/06/12		ADDENDUM 3
5	02/21/12		ADDENDUM 2

REVISIONS

ISSUE

100% CONSTRUCTION DOCUMENTS

DATE: 07/16/2012

DRAWING NO. 6693

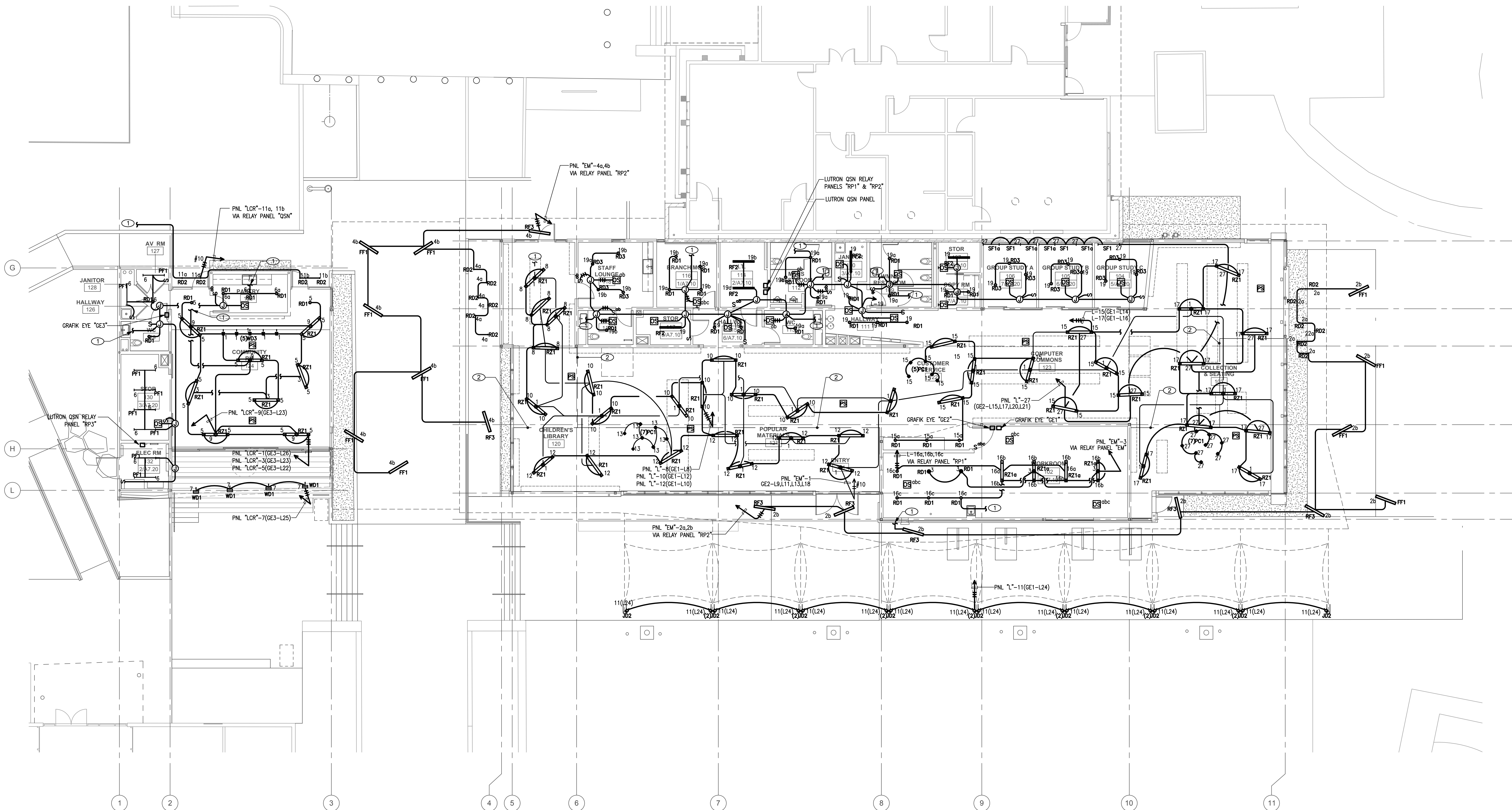
SHEET TITLE

LOWER LEVEL

LIGHTING PLAN

SHEET NO.

E3.0



1 CEILING LEVEL LIGHTING PLAN
SCALE: 1/8"=1'-0"

0 4 8 16'



GENERAL NOTES

1. ELECTRICAL CONTRACTOR TO PROVIDE 120V CONNECTION TO ACTUATORS. LOW VOLTAGE TRANSFORMER TO BE PROVIDED BY DIV 23 CONTROLS.
2. COORDINATE WITH MECHANICAL EXACT LOCATION OF EQUIPMENT. PRE-INSTALLATION POWER & TERMINATION REQUIREMENTS.
3. THE DESIGN OF THE UNDERFLOOR AIR DISTRIBUTION SYSTEM IS BASED ON A SEALED, AIRTIGHT UNDERFLOOR PLENUM. ALL CONSTRUCTION JOINTS AT PLENUM BOUNDARIES AND PLENUM DIVIDING PARTITIONS SHALL BE SEALED AIRTIGHT. ALL PENETRATIONS FOR PIPES, CONDUIT AND OTHER SERVICES SHALL BE SEALED AIRTIGHT. PLENUMS SHALL BE TESTED FOR LEAKAGE PER THE COMMISSIONING SPECIFICATIONS. PLENUMS THAT DO NOT MEET THE LEAKAGE CRITERIA PER THE SPECIFICATIONS SHALL BE RESEALED AND RETESTED UNTIL THEY PASS. REFER TO THE ARCHITECTURAL DRAWINGS FOR CONSTRUCTION DETAILS AND ADDITIONAL INFORMATION.
4. FOR ADDITIONAL INFORMATION ON LOW VOLTAGE SYSTEMS (IT & AV) SEE LOW VOLTAGE CONSULTANT DRAWINGS.

SHEET NOTES

- ① FOR CONTINUATION REFER TO SHEET E3.0.
- ② PRIMARY AREA FOR DAYLIGHTING

PICO BRANCH LIBRARY

2201 Pico Blvd.
Santa Monica, CA 90404

PROJECT

KoningEisenbergArchitecture
1454 29th St. Santa Monica, CA 90404

310.828.6131 info@kearch.com
310.828.0719 fax www.kearch.com

ARCHITECT'S PROJECT NO.

1001

ARCHITECT

All designs, ideas, arrangements and plans indicated by these drawings are the property and copyright of the Architect and shall neither be used on any other work nor be disclosed to any other person for any use whatsoever without written permission.

Koning Eisenberg Architecture and/or its principals and employees waives any and all liability or responsibility for problems that may occur when these plans, drawings, specifications, and/or designs are followed without the professional's guidance with ambiguities, or conflicts which are alleged.



GLUMAC

617 W. 7th Street, Suite 500
Los Angeles, CA 90017
T: 213.239.8866 F: 213.239.8816
www.glumac.com
Job No.: 06.11.00102
Contact: E. LEE

engineers for a sustainable future™

CONSULTANT

City of
Santa Monica
Architecture Services

1437 4TH STREET, SUITE 300
SANTA MONICA, CA 90401
TEL: (310) 456-2205
FAX: (310) 399-1541
architecture@smgov.net

SUBMITTED BY: DATE: 20

APPROVED BY: DATE: 20

Miriam Mulder
Architecture Services Manager
CITY OF SANTA MONICA
DEPARTMENT OF PUBLIC WORKS

REVIEWED BY: DATE: 20

REVIEWED BY: DATE: 20

REVIEWED BY: DATE: 20

CITY CLIENT

NO.	DATE	BY	DESCRIPTION
1	07/16/12		BULLETIN 1
2	06/21/12		PLAN CHECK 2
3	05/07/12		PLAN CHECK 1
4	03/06/12		ADDENDUM 3
5	02/21/12		ADDENDUM 2

REVISIONS

ISSUE

100% CONSTRUCTION DOCUMENTS

DATE

07/16/2012

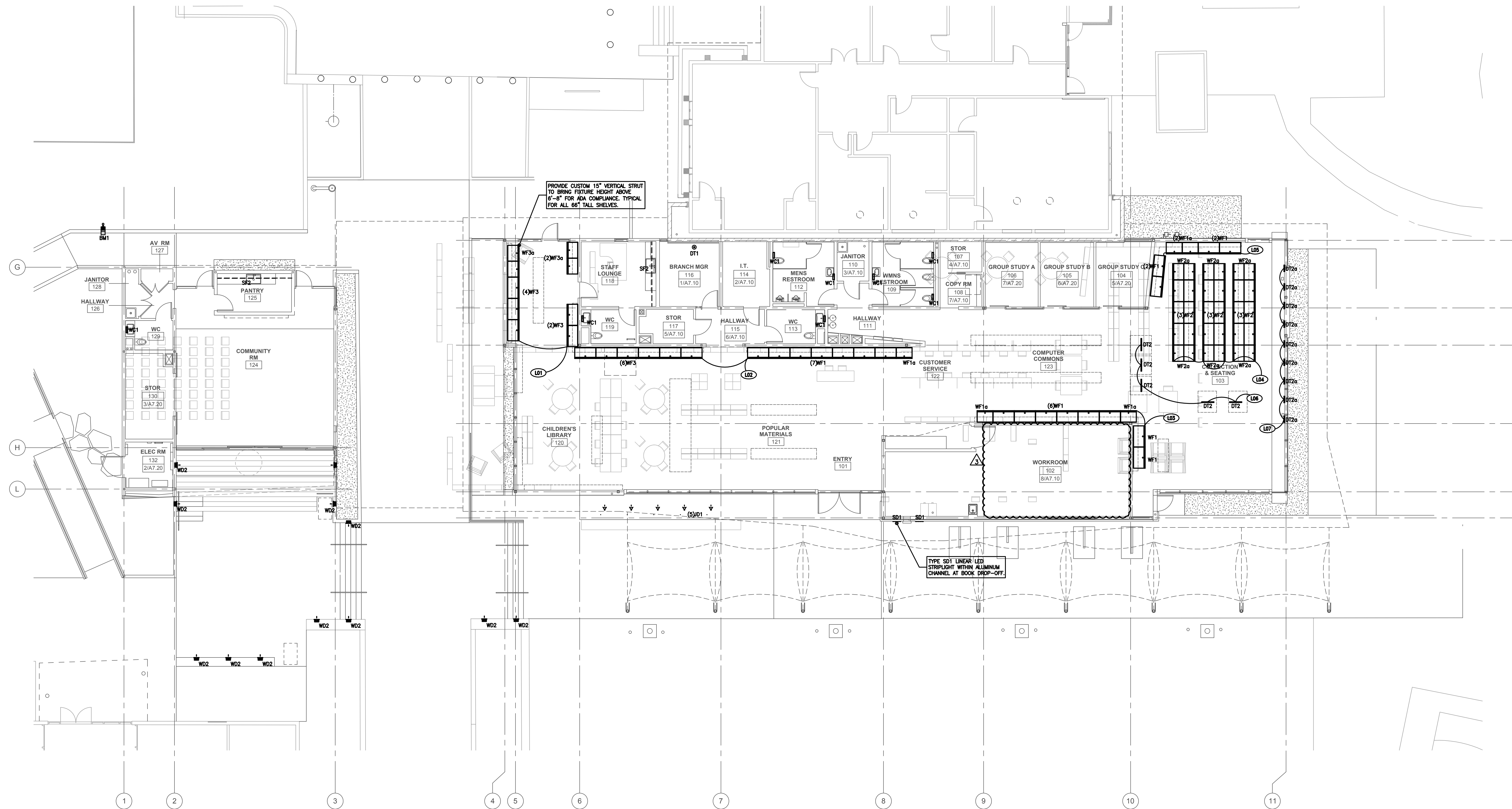
DRAWING NO. 6693

SHEET TITLE

CEILING LEVEL
LIGHTING
PLAN

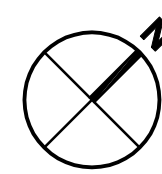
SHEET NO.

E3.1



1 LOWER LEVEL LIGHTING CONTROL ZONE PLAN
SCALE: 1/8"=1'-0"

0 4' 8' 16'



GENERAL NOTES

1. ELECTRICAL CONTRACTOR TO PROVIDE 120V CONNECTION TO ACTUATORS. LOW VOLTAGE TRANSFORMER TO BE PROVIDED BY DIV 23 CONTROLS.
2. COORDINATE WITH MECHANICAL EXACT LOCATION OF EQUIPMENT. PRE-INSTALLATION POWER & TERMINATION REQUIREMENTS.
3. THE DESIGN OF THE UNDERFLOOR AIR DISTRIBUTION SYSTEM IS BASED ON A SEALED, AIRTIGHT UNDERFLOOR PLENUM. ALL CONSTRUCTION JOINTS AT PLENUM BOUNDARIES AND PLENUM DIVIDING PARTITIONS SHALL BE SEALED AIRTIGHT. ALL PENETRATIONS FOR PIPES, CONDUIT AND OTHER SERVICES SHALL BE SEALED AIRTIGHT. PLENUMS SHALL BE TESTED FOR LEAKAGE PER THE COMMISSIONING SPECIFICATIONS. PLENUMS THAT DO NOT MEET THE LEAKAGE CRITERIA PER THE SPECIFICATIONS SHALL BE RESEALED AND RETESTED UNTIL THEY PASS. REFER TO THE ARCHITECTURAL DRAWINGS FOR CONSTRUCTION DETAILS AND ADDITIONAL INFORMATION.
4. FOR ADDITIONAL INFORMATION ON LOW VOLTAGE SYSTEMS (IT & AV) SEE LOW VOLTAGE CONSULTANT DRAWINGS.

PICO BRANCH LIBRARY

2201 Pico Blvd.
Santa Monica, CA 90404

PROJECT

KoningEisenbergArchitecture

1454 29th St, Santa Monica, CA 90404

310.828.6131 info@kearch.com
310.828.0719 fax www.kearch.com

ARCHITECT'S PROJECT NO.

1001

ARCHITECT

All designs, ideas, arrangements and plans indicated by these drawings are the property and copyright of the Architect and shall neither be used on any other work nor be disclosed to any other person for any use whatsoever without written permission.

Koning Eisenberg Architecture and/or its principals and employees waives any and all liability or responsibility for problems that may occur when these plans, drawings, specifications, and/or designs are followed without the professional's guidance with ambiguities, or conflicts which are alleged.



GLUMAC

617 W. 7th Street, Suite 500
Los Angeles, CA 90017
T: 213.239.8866 F: 213.239.8816
www.glumac.com
Job No.: 06.11.01002
Contact: E. LEE

engineers for a sustainable future™

CONSULTANT

City of Santa Monica
Architecture Services

1437 4TH STREET, SUITE 300
SANTA MONICA, CA 90401
TEL (310) 456-2205
FAX (310) 399-1541
architecture@smgov.net

SUBMITTED BY: DATE: 20

APPROVED BY: DATE: 20

Miriam Mulder
Architecture Services Manager
CITY OF SANTA MONICA
DEPARTMENT OF PUBLIC WORKS

REVIEWED BY: DATE: 20

REVIEWED BY: DATE: 20

REVIEWED BY: DATE: 20

CITY CLIENT

NO.	DATE	BY	DESCRIPTION
1	07/16/12		BULLETIN 1
2	06/21/12		PLAN CHECK 2
3	05/07/12		PLAN CHECK 1
4	03/06/12		ADDENDUM 3
5	02/21/12		ADDENDUM 2

REVISIONS

ISSUE

100% CONSTRUCTION DOCUMENTS

DATE

07/16/2012

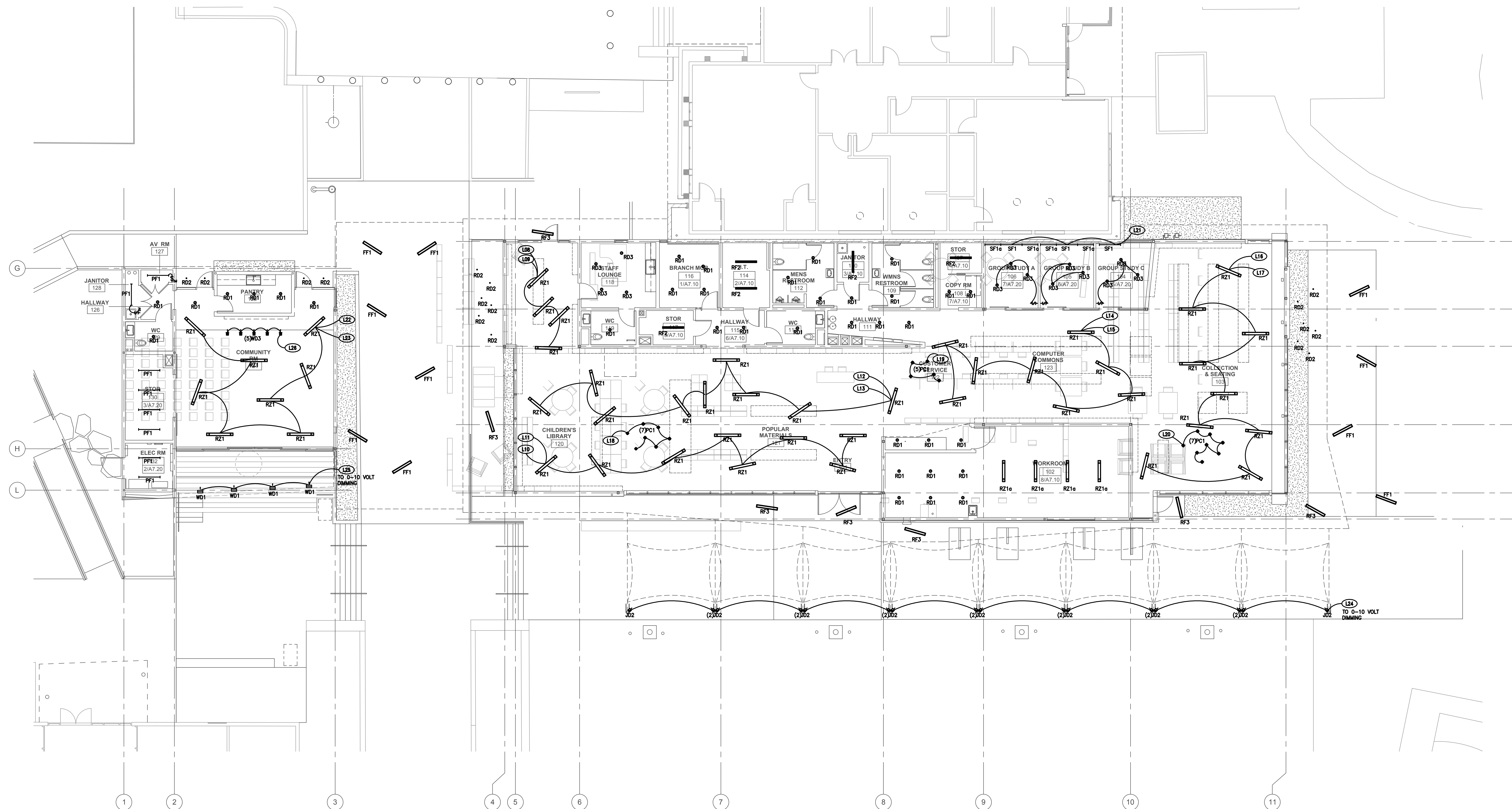
DRAWING NO. 6693

SHEET TITLE

LOWER LEVEL
LIGHTING CONTROL
ZONE PLAN

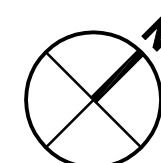
SHEET NO.

E3.2



1 CEILING LEVEL LIGHTING CONTROL ZONE PLAN
SCALE: 1/8"=1'-0"

0 4' 8' 16'



GENERAL NOTES

1. ELECTRICAL CONTRACTOR TO PROVIDE 120V CONNECTION TO ACTUATORS. LOW VOLTAGE TRANSFORMER TO BE PROVIDED BY DIV 23 CONTROLS.
2. COORDINATE WITH MECHANICAL EXACT LOCATION OF EQUIPMENT. PRE-INSTALLATION POWER & TERMINATION REQUIREMENTS.
3. THE DESIGN OF THE UNDERFLOOR AIR DISTRIBUTION SYSTEM IS BASED ON A SEALED, AIRTIGHT UNDERFLOOR PLENUM. ALL CONSTRUCTION JOINTS AT PLENUM BOUNDARIES AND PLENUM DIVIDING PARTITIONS SHALL BE SEALED AIRTIGHT. ALL PENETRATIONS FOR PIPES, CONDUIT AND OTHER SERVICES SHALL BE SEALED AIRTIGHT. PLENUMS SHALL BE TESTED FOR LEAKAGE PER THE COMMISSIONING SPECIFICATIONS. PLENUMS THAT DO NOT MEET THE LEAKAGE CRITERIA PER THE SPECIFICATIONS SHALL BE RESEALED AND RETESTED UNTIL THEY PASS. REFER TO THE ARCHITECTURAL DRAWINGS FOR CONSTRUCTION DETAILS AND ADDITIONAL INFORMATION.
4. FOR ADDITIONAL INFORMATION ON LOW VOLTAGE SYSTEMS (IT & AV) SEE LOW VOLTAGE CONSULTANT DRAWINGS.

PICO BRANCH LIBRARY

2201 Pico Blvd.
Santa Monica, CA 90404

PROJECT

KoningEisenbergArchitecture
1454 29th St. Santa Monica, CA 90404

310.828.6131 info@kearch.com
310.828.0719 fax www.kearch.com

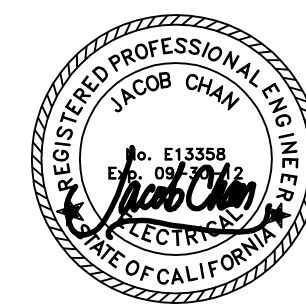
ARCHITECT'S PROJECT NO.

1001

ARCHITECT

All designs, ideas, arrangements and plans indicated by these drawings are the property and copyright of the Architect and shall neither be used on any other work nor be disclosed to any other person for any use whatsoever without written permission.

Koning Eisenberg Architecture and/or its principals and employees waives any and all liability or responsibility for problems that may occur when these plans, drawings, specifications, and/or designs are followed without the professional's guidance with ambiguities, or conflicts which are alleged.



GLUMAC

617 W. 7th Street, Suite 500
Los Angeles, CA 90017
T: 213.239.8866 F: 213.239.8816
www.glumac.com
Job No.: 06.11.01052
Contact: E. LEE

engineers for a sustainable future™

CONSULTANT

City of
Santa Monica
Architecture Services

1437 4TH STREET, SUITE 300
SANTA MONICA, CA 90401
TEL: (310) 456-2205
FAX: (310) 399-1541
architecture@smgov.net

SUBMITTED BY: DATE: 20

APPROVED BY: DATE: 20

Miriam Mulder
Architecture Services Manager

CITY OF SANTA MONICA
DEPARTMENT OF PUBLIC WORKS

REVIEWED BY: DATE: 20

REVIEWED BY: DATE: 20

REVIEWED BY: DATE: 20

CITY CLIENT

NO.	DATE	BY	DESCRIPTION
1	07/16/12		BULLETIN 1
2	06/21/12		PLAN CHECK 2
3	05/07/12		PLAN CHECK 1
4	03/06/12		ADDENDUM 3
5	02/21/12		ADDENDUM 2

REVISIONS

ISSUE

100% CONSTRUCTION DOCUMENTS

DATE: 07/16/2012

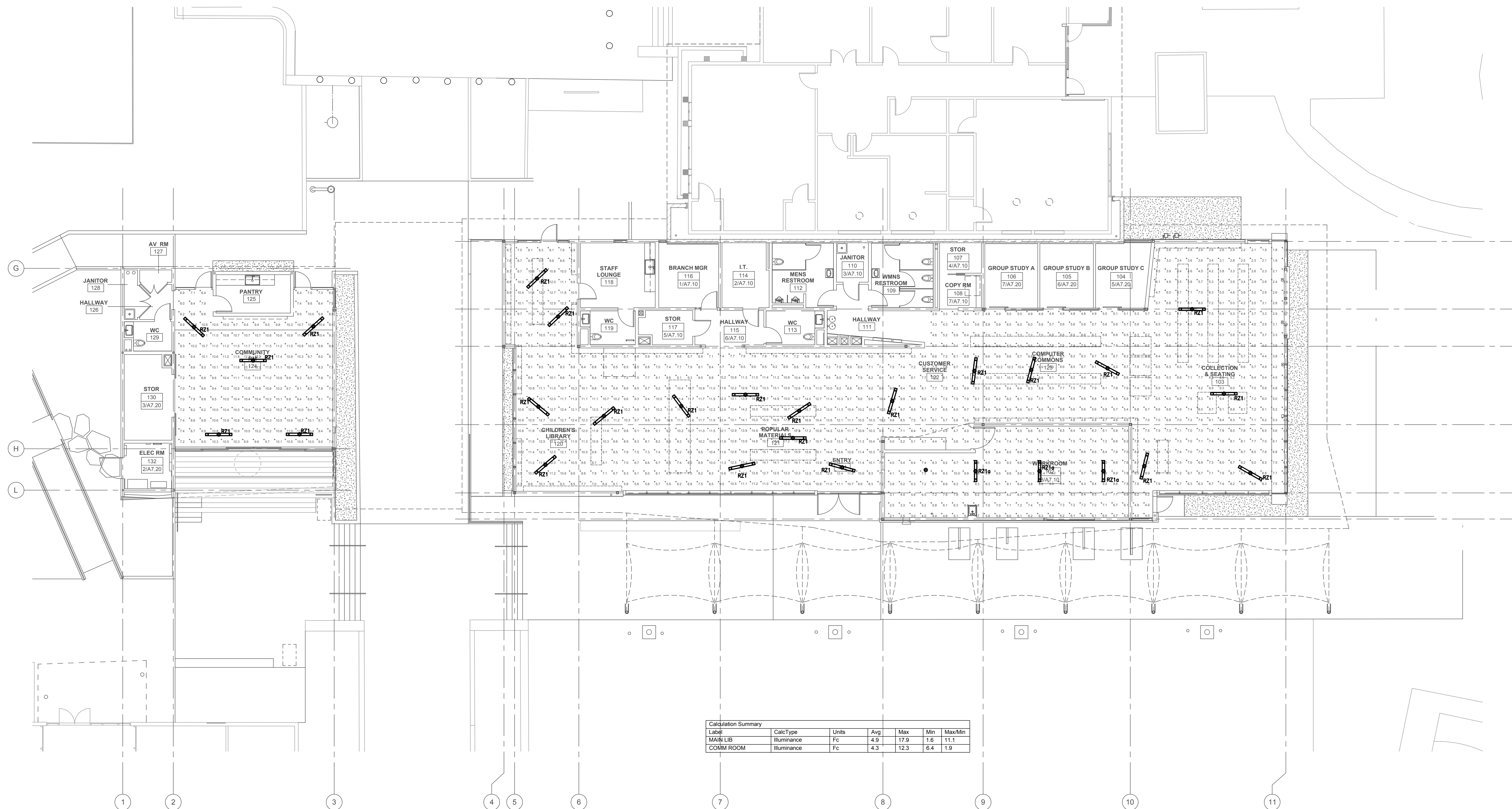
DRAWING NO. 6693

SHEET TITLE

CEILING LEVEL
LIGHTING CONTROL
ZONE PLAN

SHEET NO.

E3.3



1 EGRESS LIGHTING FLOORPLAN
SCALE: 1/8"=1'-0"

0 4' 8' 16'



PICO BRANCH LIBRARY

2201 Pico Blvd.
Santa Monica, CA 90404

PROJECT

KoningEisenbergArchitecture
1454 29th St, Santa Monica, CA 90404

310.828.6131 info@kearch.com
310.828.0719 fax www.kearch.com

ARCHITECT'S PROJECT NO.

1001

ARCHITECT

All designs, ideas, arrangements and plans indicated by these drawings are the property and copyright of the Architect and shall neither be used on any other work nor be disclosed to any other person for any use whatsoever without written permission.

Koning Eisenberg Architecture and/or its principals and employees waives any and all liability or responsibility for problems that may occur when these plans, drawings, specifications, and/or designs are followed without the professional's guidance with ambiguities, or conflicts which are alleged.



GLUMAC

617 W. 7th Street, Suite 500
Los Angeles, CA 90017
T: 213.239.8866 F: 213.239.8816
www.glumac.com
Job No.: 06.11.00102
Contact: E. LIFE

engineers for a sustainable future™

CONSULTANT

City of Santa Monica
Architecture Services

1437 4TH STREET, SUITE 300
SANTA MONICA, CA 90401
TEL: (310) 456-2205
FAX: (310) 399-1541
architecture@smgov.net

SUBMITTED BY: DATE: 20

APPROVED BY: DATE: 20
Miriam Mulder
Architecture Services Manager

CITY OF SANTA MONICA
DEPARTMENT OF PUBLIC WORKS

REVIEWED BY: DATE: 20

REVIEWED BY: DATE: 20

REVIEWED BY: DATE: 20

CITY CLIENT

NO.	DATE	BY	DESCRIPTION
1	07/16/12		BULLETIN 1
2	06/21/12		PLAN CHECK 2
3	05/07/12		PLAN CHECK 1
4	03/06/12		ADDENDUM 3
5	02/21/12		ADDENDUM 2

REVISIONS

ISSUE

100% CONSTRUCTION DOCUMENTS

DATE: 07/16/2012

DRAWING NO. 6693

SHEET TITLE

EMERGENCY LIGHTING
PHOTOMETRIC
CALCULATION

SHEET NO.

E3.4

DATE:	13-JUL-12	PANEL VOLTAGE:	208/120V	CIRCUIT CODE:	1=(CONTINUOUS)																
LOCATION:	LCR	PHASE & WIRE:	3PH, 4W	2=(NON-CONTINUOUS)																	
PANEL:	10,000	COPPER BUS:	100A	3=(RECEPTACLES)																	
AC RATING:	10,000	MAINS CB:	100A	4=(KITCHEN)																	
		LOAD		LOAD		LOAD		NO. OF EQUIP=													
NO.	CODE	TRIP	POLE	DESCRIPTION	MISC	REC	LITE	VA	A	B	C	VA	LITE	REC	MISC	DESCRIPTION	POLE	TRIP	CODE	NO.	
1	1	20	1	RM 124 LIGHTING				5	75	255		180	2			SPARE	1	20	1	2	
3	1	20	1	RM 124 LIGHTING				3	168		208	40	4			SPARE	1	20	1	4	
5	1	20	1	RM 124 LIGHTING				18	650		1065	415	15			RM 125, 120, 130, 131 & 132 LTGS	1	20	1	6	
7	1	20	1	EXTERIOR LIGHTING				4	40	50		10	2			EXT. LGTS	1	20	1	8	
9	1	20	1	*COMM. RM EM. LTG				7	290		410	120	12			SOUTH EXTERIOR LIGHTING	1	20	1	10	
11	1	20	1	*COMM. EXT. LTG				5	30			100				GARBAGE DSP. RM 125	1	20	1	12	
13	20	1		SPARE												SPARE	1	20	1	14	
15	20	1		SPARE												SPARE	1	20	1	16	
17	20	1		SPARE												SPARE	1	20	1	18	
19	20	1		SPARE												SPARE	1	20	1	20	
21	20	1		SPARE							0					SPARE	1	20	1	22	
23	20	1		SPARE												SPARE	1	20	1	24	
25	20	1		SPARE												SPARE	1	20	1	26	
27	20	1		SPARE							0					SPARE	1	20	1	28	
29				SPACE												SPACE				30	
31				SPACE												SPACE				32	
33				SPACE							0					SPACE				34	
35				SPACE												SPACE				36	
37				SPACE												SPACE				38	
39				SPACE							0					SPACE				40	
41				SPACE												SPACE				42	
TOTAL								305	618	1065	CONNECTED KVA		2.0								
												CONN. KVA (CODE 1)		2.0							
												CONN. KVA (CODE 2)		1.0							
												CONN. KVA (CODE 3)		0.0							
												CONN. KVA (CODE 4)		0.0							
												TENANT ALLOWANCE KVA		0.0							
												SPARE (DECIMAL)				SPARE KVA		0.0			
												FEEDER DEMAND KVA		3.5							
												FEEDER DEMAND AMPS		9.8							
												X FMR. KVA		3.0							

*CIRCUIT TO FEED LTG VIA EMERGENCY LTG INVERTER IN MAIN ELECTRICAL ROOM.
SEE POWER/LTG PLANS FOR MORE DETAILS.

DATE:	13-JUL-12	PANEL VOLTAGE:	208/120V	CIRCUIT CODE:	1=(CONTINUOUS)															
LOCATION:	L	PHASE & WIRE:	3PH, 4W	2=(NON-CONTINUOUS)																
PANEL:	10000	COPPER BUS:	100A	3=(RECEPTACLES)																
AC RATING:	10000	MAINS CB:	100A	4=(KITCHEN)																
NO. OF EQUIP=																				
NO.	CODE	TRIP	POLE	DESCRIPTION	MISC	REC	LITE	VA	A	B	C	VA	LITE	REC	MISC	DESCRIPTION	POLE	TRIP	CODE	NO.
1	1	20	1	RM 103 SHELVE LIGHTING	1			720	1020			900				RM 103, 123 SHELVE LIGHTING	1	20	1	2
3	1	20	1	RM 103 SHELVE LIGHTING	1			720		1004		384	14			EXT. LTG. - WEST CANOPY	1	20	1	4
5	1	20	1	RM 103 SHELVE LIGHTING	1			720			1032	312	15			EXT. LTG. - SOUTH/EAST CANOPY	1	20	1	6
7	1	20	1	RM 121 SHELVE LIGHTING	1			720		992		272	4			RM 120-121 LIGHTING	1	20	1	8
9	1	20	1	RM 120 SHELVE LIGHTING	1			720			1224	504	8			RM 120-121 LIGHTING	1	20	1	10
11	1	20	1	EXTERIOR LIGHTING				16	432			1032	600	8		RM 120-121 LIGHTING	1	20	1	12
13	1	20	1	RM 101, 120, 121, 122 LIGHTING				18	798	798						SPARE	1	20	1	14
15	1	20	1	RM 122-123 LIGHTING				8	768		1738		970	17		RM 102 LIGHTING	1	20	1	16
17	1	20	1	RM 103 LIGHTING				16	822			1555	733	15		RM 122 LIGHTING	1	20	1	18
19	1	20	1	RM 104-119 LIGHTING				44	1298	1451			153	9		RM 103 TABLE LIGHTING	1	20	1	20
21	1	20	1	SPARE							0			17	5	RM 103 TABLE LIGHTING	1	20	1	22
23	1	20	1	SOUTH LANDSCAPE LIGHTING	5	150					150				1	INVERTER PANEL "EM"	3	20	1	24
25	1	20	1	SIGNAGE LIGHTING				10	300	300					-	-	-	-	1	26
27	1	20	1	RM 125, 124, 100, 101, 102 LIGHTING				40			670					-	-	-	1	28
29	20	1		SPARE							0					SPARE	1	20	1	30
31	20	1		SPARE							0					SPARE	1	20	1	32
33	20	1		SPARE							0					SPARE	1	20	1	34
35	20	1		SPARE							0					SPARE	1	20	1	36
37				SPACE							0					SPACE				38
39				SPACE							0					SPACE				40
41				SPACE												SPACE				42
TOTAL								5161	4636	3769						CONNECTED KVA				
																	CONN. KVA (CODE 1)			
																	CONN. KVA (CODE 2)			
																	CONN. KVA (CODE 3)			
																	CONN. KVA (CODE 4)			
																	TENANT ALLOWANCE KVA			
																	SPARE (DECIMAL)			
																	FEEDER DEMAND KVA			
																	FEEDER DEMAND AMPS			
																	X FMR. KVA			
																	SPARE KVA		0.0	

DATE:	13-JUL-12	PANEL VOLTAGE:	480/277V	CIRCUIT CODE:	1=(CONTINUOUS)																
LOCATION:	MCR	PHASE & WIRE:	3PH, 4W		2=(NON-CONTINUOUS)																
PANEL:	10000	COPPER BUS:	125A		3=(RECEPTACLES)																
AC RATING:	10000	MAINS CB:	125A		4=(KITCHEN)																
				NO. OF EQUIP=																	
NO	CB	LOAD DESIGNATION	LOAD	PHASES	LOAD DESIGNATION	CB	NO. OF EQUIP=														
NO CODE	TRIP	DESCRIPTION	MISC	REC	LITE	VA	A	B	C	VA	LITE	REC	MISC	DESCRIPTION	POLE	TRIP	CODE	NO.			
1	2	20	1	EF-3	1	696	616							SPARE	1	20	1	2			
3	2	20	1	EF-4	1	696	616							SPARE	1	20	1	4			
5	2	20	1	EF-5	1	696	616		696					SPARE	1	20	1	6			
7	1	20	3	RTU-5	1	936	936							SPARE	1	20	1	8			
9	1	-	-	-	1	936			936					SPARE	1	20	1	10			
11	1	-	-	-	1	936			936					SPARE	1	20	1	12			
13	20	1		SPARE			0							SPARE	1	20	1	14			
15	20	1		SPARE				0						SPARE	1	20	1	16			
17	20	1		SPARE					0					SPARE	1	20	1	18			
19	20	1		SPARE				0						SPARE	1	20	1	20			
21	20	1		SPARE					0					SPARE	1	20	1	22			
23	20	1		SPARE						0				SPACE				24			
25	20	1		SPARE							0			SPACE				26			
27	20	1		SPARE						0				SPACE				28			
29				SPACE						0		0		SPACE				30			
31				SPACE						0				SPACE				32			
33				SPACE							0			SPACE				34			
35				SPACE							0			SPACE				36			
37				SPACE								0		SPACE				38			
39				SPACE								0		SPACE				40			
41				SPACE									0	SPACE				42			
				TOTAL		1752	1632	1632	CONNECTED												
																CONN KVA (CODE 1)	2.8				
																CONN KVA (CODE 2)	2.2				
																CONN KVA (CODE 3)	0.0				
																CONN KVA (CODE 4)	0.0				
																TENANT ALLOWANCE KVA	0.0				
																SPARE (DECIMAL)		SPARE KVA 0.0			
																FEEDER DEMAND KVA	5.7				
																FEEDER DEMAND AMPS	6.9				

WIRING LEGEND:

- △ \ ▽ QS CONTROL LINK (*SEE BELOW)
- ▲ \ ▼ QS CONTROL LINK (*SEE BELOW)
(CONNECT WIRES 1, 3 AND 4. DO NOT CONNECT WIRE #2)
- QS WIRING AS REQUIRED BY CONTROL LINK LENGTH:
- | Control Link Length | Wire Gauge | Available from Lutron in one cable |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| Less than 500ft (153m) | Power (terminals 1&2): 1 pair 18 AWG (1.0mm ²)
Data (terminals 3&4): 1 pair 22 AWG (0.5mm ²), twisted and shielded | GRX-CBL-346S or GRX-PCBL-346S |
| 500ft (153m) to 2000ft (610m)** | Power (terminals 1&2): 1 pair 12 AWG (1.0mm ²) use △ or ▲
Data (terminals 3&4): 1 pair 22 AWG (0.5mm ²), twisted and shielded | GRX-CBL-46L or GRX-PCBL-46L |
- *ALTERNATE DATA-ONLY CABLE: USE APPROVED DATA LINK CABLE (22 AWG (0.5mm²)) TWISTED/SHIELDED FROM BELDEN (MODEL # 9461).
- **TOTAL LENGTH OF THE QS LINK MUST NOT EXCEED 2000FT (610M).
- ***QS LINK CAN HAVE A MAXIMUM OF 99 DEVICES, 100 ZONES, AND 512 SWITCH LEGS.
- NORMAL INPUT POWER
 ■ NORAML/EMERGENCY INPUT POWER
 ● 2 #12AWG
- ◇ ECOSYSTEM BUS:
 LUTRON CABLE C-CBL-216-GR-1 (2 #16 CONDUCTOR NON-PLENUM) OR C-PCBL-216-CL-1 (2 #16 CONDUCTOR PLENUM RATED). OTHERWISE USE 2 #16 AWG BY OTHERS.
- △ CATSE OR BETTER CABLE FOR DEDICATED LUTRON NETWORK TERMINATED WITH RJ45 CONNECTORS (TO BE PROVIDED BY OTHERS). 328 FEET (100M) MAXIMUM RUN.
- ◆ 0-10V SIGNAL 2 #18

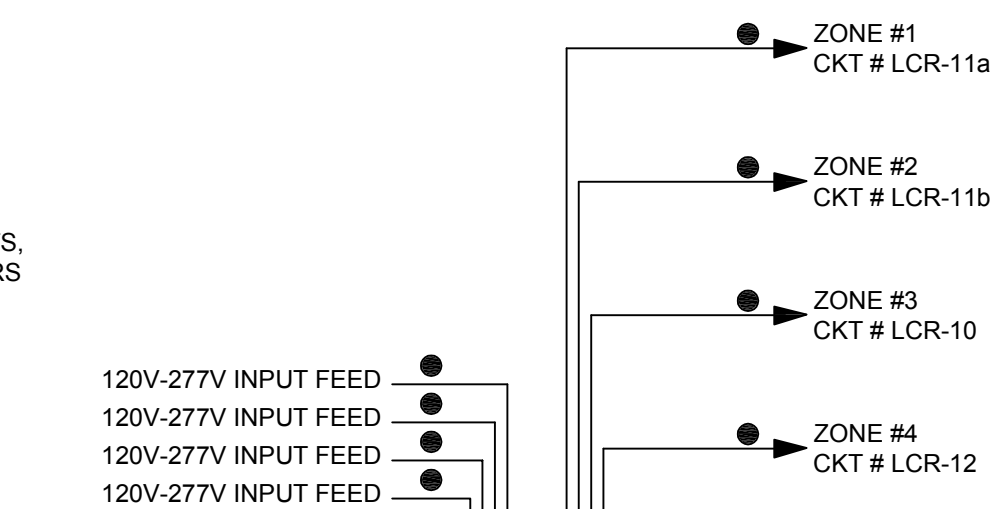
WIRING NOTES:

- QS CONTROL LINK**
- THE QS CONTROL LINK HAS A FREE WIRING TOPOLOGY (DAISY CHAIN, T-TAP, ETC.) FOR ILLUSTRATION PURPOSES THE QS CONTROL LINK IS SHOWN WIRED IN THE DAISY CHAIN FASHION. ADDITIONALLY, CONTROLS HAVE BEEN LAID OUT TO ENSURE APPROPRIATE POWER TO EACH DEVICE. CHECK POWER REQUIREMENTS BEFORE MODIFYING DEVICE WIRING ORDER. USE LUTRON CABLE GRX-CBL-346S (4 CONDUCTOR NON-PLENUM) OR GRX-PCBL-346S (4 CONDUCTOR PLENUM). OTHERWISE USE 2 #18 AWG (1.0 MM SQ) AND 1 BELDEN #9461. USE GRX-CBL-46L OR GRX-PCBL-46L (4 CONDUCTOR PLENUM) FOR LINKS RUNNING LONGER THAN 500 FT.
- ECOSYSTEM BUS**
- THE ECOSYSTEM BUS HAS A FREE WIRING TOPOLOGY (DAISY CHAIN, T-TAP, HOME-RUN ETC.) FOR ILLUSTRATION PURPOSES THE ECOSYSTEM BUS IS SHOWN WIRED IN DAISY CHAIN FASHION. ECOSYSTEM BUS REQUIRES LUTRON CABLE C-CBL-216-GR-1 (2 #16 CONDUCTOR NON-PLENUM) OR C-PCBL-216-CL-1 (2 #16 CONDUCTOR PLENUM RATED). OTHERWISE USE 2 #16 AWG BY OTHERS. ECOSYSTEM BUS (E1 AND E2) ARE POLARITY INSENSITIVE.
- BUS LENGTH IS LIMITED BY THE WIRE GAUGE USED FOR E1 AND E2 AS FOLLOWS:**
- | WIRE GAUGE | MAX LOOP LENGTH |
|------------------|-----------------|
| #18 AWG (1.02MM) | 550' (167M) |
| #16 AWG (1.29MM) | 900' (274M) |
| #14 AWG (1.63MM) | 1,400' (426M) |
| #12 AWG (2.05MM) | 2,200' (670M) |
- TO NORMAL 3Ø, 4W DISTRIBUTION PANEL
 CONTRACTOR TO PROVIDE (3) BREAKERS, EACH BREAKER ON A SEPARATE PHASE.
- LUT-ELI-3PH
 EMERGENCY LIGHTING INTERFACE
 DIMENSIONS:
 7.75"(H) X 4"(W) X 2.5"(D)
- 5 #12AWG
- 3#18AWG
- TO COI
- GRAFIK EYE "GE3"
 QSGRJ-6E-TWH
 GRAFIK EYE QS WIRELESS 6 ZONE PRESET CONTROL SCENES 1-4 AND OFF AND (1) ECOSYSTEM BUS (4 GANG US BACKBOX BY OTHERS)
- TO NORMAL 3Ø, 4W DISTRIBUTION PANEL
 CONTRACTOR TO PROVIDE (3) BREAKERS, EACH BREAKER ON A SEPARATE PHASE.
- 5 #12AWG
- 3#18AWG
- LUT-ELI-3PH
 EMERGENCY LIGHTING INTERFACE
 DIMENSIONS:
 7.75"(H) X 4"(W) X 2.5"(D)
- TO EM COI
- QSWS2-5BRLN-WH
 PRESET LIGHTING WALLSTATION 5-BUTTON SCENE SELECT WITH RAISE/LOWER (1 GANG US BACKBOX BY OTHERS)
- QSWS2-5BRLN-WH
 PRESET LIGHTING WALLSTATION 5-BUTTON SCENE SELECT WITH RAISE/LOWER (1 GANG US BACKBOX BY OTHERS)
- QSWS2-5BRLN-WH
 PRESET LIGHTING WALLSTATION 5-BUTTON SCENE SELECT WITH RAISE/LOWER (1 GANG US BACKBOX BY OTHERS)

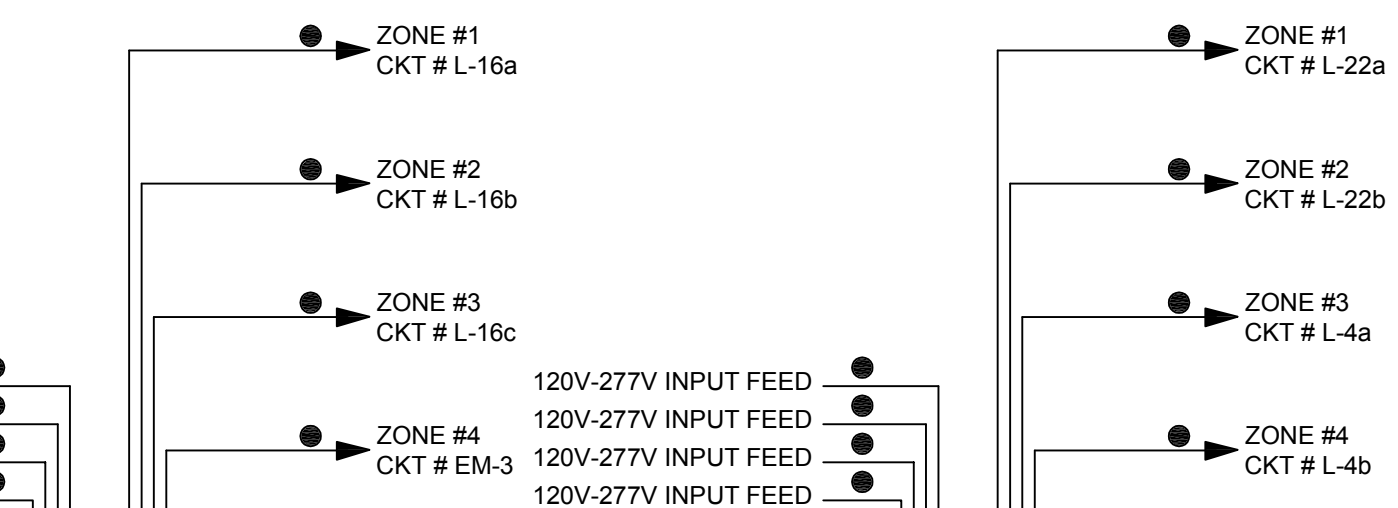
GENERAL NOTES

1. FOR QUESTIONS REGARDING LUTRON SYSTEM CONTACT MARK TERZANO 909-986-0751

LUTRON "QSN" RELAY PANEL "RP-3"			
RELAY	LOCATION	FIXTURE CONTROLLED	LOAD
1	EXTERIOR LIGHTING	BM1	360
2	EXTERIOR LIGHTING	RD2	40
3	EXTERIOR SIGNAGE	JD1	450
4	EXTERIOR STEP LIGHTS	WD2	120



COMMUNITY ROOM			
GRAFIK EYE "GE3"			
ZONE	LOCATION	FIXTURE CONTROLLED	LOAD
(1) L25	EXTERIOR SOUTH	WD1-LED	110W
(2) L22	COMMUNITY RM 124	RZ1-MR16	800W
(3) L26	COMMUNITY RM 124	WD3-LED	45W
(4) L23	COMMUNITY RM 124	RZ1-T5	256W
SPARE			



MAIN LIBRARY			
GRAFIK EYE "GE2"			
ZONE	LOCATION	FIXTURE CONTROLLED	LOAD
L1	CHILDRENS LIB. 120	WF3/WF3a-T5	378W
L2	POPULAR MATERIALS 121	WF3/WF1-T5	230W
L3	COMPUTER COMMONS 123	WF1-T5	240W
L4	COLLECTION AND SEATING 103	WF2a-T5	420W
L5	COLLECTION AND SEATING 103	WF1-T5	252W
L6	COMPUTER COMMONS 123	DT2-LED	17W
L7	COLLECTION AND SEATING 103	DT2a-LED	152W
L9	CHILDRENS LIB. 120	RZ1-T5	128W
L11	CHILDRENS LIB. 120	RZ1-T5	256W
L13	CHILDRENS LIB. 120/ POPULAR MATERIALS 121	RZ1-T5	288W
L15	COMPUTER COMMONS	RZ1-T5	256W
L17	COLLECTION AND SEATING 103	RZ1-T5	288W
L18	CHILDRENS LIB. 120	PC1-CF2	210W
L19	CUSTOMER SERVICE 122	PC1-CF2	150W
L20	COLLECTION AND SEATING 103	PC1-CF2	210W
L21	GROUP STUDY ROOMS	SF1/SF1a-T5	196W

LUTRON QSN RELAY PANEL "RP-1"			
RELAY	LOCATION	FIXTURE CONTROLLED	LOAD
1	WORK ROOM 102	RZ1A-T5	102W
2	WORK ROOM 102	RZ1A-MR16	400W
3	WORK ROOM 102	DT1/RD1-CFL	435W
4	WORK ROOM 102	RZ1A/RD1-T5/CFL	195W

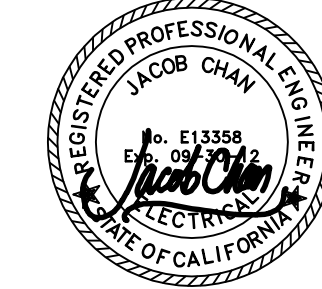
LUTRON QSN RELAY PANEL "RP-2"			
RELAY	LOCATION	FIXTURE CONTROLLED	LOAD
1	EXTERIOR SOUTH	RD2-LED	60W
2	EXTERIOR EAST	RF1-T5/RF3-T5	252W
3	EXTERIOR WEST	RD2-LED	60W
4	EXTERIOR WEST CANOPY	FF1-T5/RF3-T5	224W

MAIN LIBRARY			
GRAFIK EYE "GE1"			
ZONE	LOCATION	FIXTURE CONTROLLED	LOAD
L24	EXTERIOR LIGHTING	JD2-LED	427W
L8	CHILDRENS LIB. 120/	RZ1-MR16	400W
-	POPULAR MATERIALS 121	-	-
L10	CHILDRENS LIB. 120/	RZ1-MR16	800W
-	POPULAR MATERIALS 121	-	-
L12	CHILDRENS LIB. 120/	RZ1-MR16	900W
-	POPULAR MATERIALS 121	-	-
L14	COMPUTER	RZ1-MR16	800W
L16	COLLECTION AND SEATING 103	RZ1-MR16	900W
-	-	-	-

KoningEizenbergArchitecture
 1454 29th St, Santa Monica, CA 90404
 310.828.6131 info@kearch.com
 310.828.0719 fax www.kearch.com

All designs, ideas, arrangements and plans indicated by these drawings are the property and copyright of the Architect and shall neither be used on any other work nor be disclosed to any other person for any use whatsoever without written permission.

Koning Eizenberg Architecture and/or its principals and employees waives any and all liability or responsibility for problems that may occur when these plans, drawings, specifications, and/or designs are followed without the professional's guidance with any ambiguities, or conflicts which are alleged.



617 W. 7th Street, Suite 500
 Los Angeles, CA 90017
 T: 213.239.8866 F: 213.239.8816
 www.glumac.com
 Job No.: 06.11.0102
 Contact: E. LEE



1437 4TH STREET, SUITE 300
 SANTA MONICA, CA 90401
 TEL: (310) 456-2205
 FAX: (310) 399-1541
 architecture@smgov.net

Miriam Mulder
 Architecture Services Manager
 CITY OF SANTA MONICA
 DEPARTMENT OF PUBLIC WORKS

NO.	DATE	BY	DESCRIPTION
1	07/10/12		BULLETIN 1
2	06/21/12		PLAN CHECK 2
3	05/07/12		PLAN CHECK 1
4	03/06/12		ADDENDUM 3
5	02/21/12		ADDENDUM 2
REVISIONS			