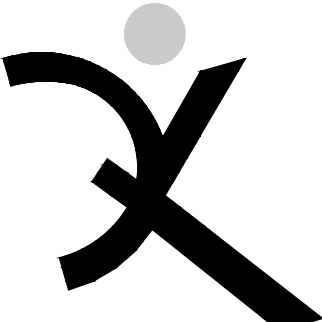


LUMINAIRE SCHEDULE						
TYPE	MOUNTING	DESCRIPTION	MANUFACTURER CATALOG #	WATTAGE	DIMENSIONS	IMAGE
AA1	SURFACE CEILING	SURFACE MOUNTED LED DOWNLIGHT WITH MACHINED COPPER FREE ALUMINUM CONSTRUCTION HOUSING WITH 1" DEEP BEZEL WITH 90° CUTOFF CAP STYLE. 3" MACHINED STEM AND 5" DIAMETER CANOPY. SHOCK RESISTANT, TEMPERED, SOFT FOCUS REGRESSED GLASS LENS. MEDIUM FLOOD DISTRIBUTION INTERCHANGEABLE OPTIC. 3000K CCT. FIELD ADJUSTABLE ONBOARD OUTPUT ADJUSTMENT. STANDARD PAINTED FINISH TO BE DETERMINED BY THE ARCHITECT.	BK LIGHTING: SM-STEM LENGTH-AR-LED-E65-MF L-A9-FINISH-12-E	8W	2 1/4" DIAMETER 4 3/8" HIGH + STEM LENGTH	
AO1	WALL MOUNTED	SURFACE WALL MOUNTED LED DOWNLIGHT WITH DIE CAST LOW COPPER CONTENT ALUMINUM CONSTRUCTION HOUSING, MEMORY RETENTIVE SILICON GASKET, 10KV SURGE SUPPRESSION, UV STABILIZED BAKED POWDER COAT FINISH TO BE DETERMINED BY THE ARCHITECT, STAINLESS STEEL HARDWARE, LOW IRON, TEMPERED, IMPACT RESISTANT GLASS LENS, AND IES TYPE III FULL CUTOFF OPTICS. 3000K CCT.	LIGMAN: ULEE-30021-20W LED-T3-W30-FINISH-120 /277V	20W	10.2" WIDTH 3.7" HEIGHT 3.7" DEPTH	
BA1	POLE MOUNTED	POLE MOUNTED LED DOWNLIGHT WITH DIE CAST LOW COPPER CONTENT ALUMINUM CONSTRUCTION HOUSING, MEMORY RETENTIVE SILICON GASKET, 10KV SURGE SUPPRESSION, UV STABILIZED BAKED POWDER COAT FINISH TO BE DETERMINED BY THE ARCHITECT, STAINLESS STEEL HARDWARE, LOW IRON, TEMPERED, IMPACT RESISTANT GLASS LENS, AND IES EXTRA WIDE (117° DISTRIBUTION) FULL CUTOFF OPTICS. 3000K CCT.	LIGMAN: LUMINAIRE: UVK-90001-37W-EW-W3 0-FINISH-120/277V POLE: ROUND STRAIGHT STEEL POLE WITH 12' OVERALL HEIGHT	37W	12.5" DEEP 10.2" WIDE 3.7" HIGH	
BA2	POLE MOUNTED	SIMILAR TO TYPE BA1 EXCEPT WITH IES TYPE III OPTICAL DISTRIBUTION.	LIGMAN: LUMINAIRE: UVK-90001-37W-EW-W3 0-FINISH-120/277V POLE: ROUND STRAIGHT STEEL POLE WITH 12' OVERALL HEIGHT	37W	12.5" DEEP 10.2" WIDE 3.7" HIGH	
BB1	POLE MOUNTED	POLE MOUNTED LED DOWNLIGHT WITH DIE CAST LOW COPPER CONTENT ALUMINUM CONSTRUCTION HOUSING, MEMORY RETENTIVE SILICON GASKET, 10KV SURGE SUPPRESSION, UV STABILIZED BAKED POWDER COAT FINISH TO BE DETERMINED BY THE ARCHITECT, STAINLESS STEEL HARDWARE, LOW IRON, TEMPERED, IMPACT RESISTANT GLASS LENS, AND IES EXTRA WIDE (108° DISTRIBUTION) FULL CUTOFF OPTICS. 3000K CCT.	LIGMAN: LUMINAIRE: UMS-90281-38W-EW-W 30-FINISH-120/277V POLE: ROUND STRAIGHT STEEL POLE WITH 20' OVERALL HEIGHT	38W	28.7" DEEP 12.6" WIDE 3.5" HIGH	
BB2	POLE MOUNTED	SIMILAR TO TYPE BB1 EXCEPT WITH TYPE III OPTICAL DISTRIBUTION.	LIGMAN: LUMINAIRE: UMS-90281-38W-EW-W 30-FINISH-120/277V POLE: ROUND STRAIGHT STEEL POLE WITH 20' OVERALL HEIGHT	38W	28.7" DEEP 12.6" WIDE 3.5" HIGH	
BC1	SURFACE	COMPACT, ONE-PIECE LED STEPLIGHT, UL WET LOCATION LISTED, LUMINAIRE PROVIDED WITH DIECAST FACEFRAME/LENS HOOD, INTEGRAL NON-DIM ELECTRONIC DIMMING DRIVER, MOUNTED IN CONTRACTOR-SUPPLIED DIECAST ALUMINUM W.P. TYPE 'FD' J-BOX, ON CUSTOM STEEL MOUNTING PLATE, OPTIONAL FINISH AS SELECTED BY THE ARCHITECT. 3000K CCT.	SIGNIFY/CHLORIDE: PH-2-S-CUSTOM RAL FINISH	6W	4.5" HIGH 2.75" WIDE 1.5" DEEP	
BC2	SURFACE	SIMILAR TO TYPE BC1 EXCEPT RECESS MOUNTED IN CONCRETE WALL.	SIGNIFY/CHLORIDE: PH-2-S-CUSTOM RAL FINISH	6W	4.5" HIGH 2.75" WIDE 1.5" DEEP	
BD1	RECESSED IN-GRADE	RECESS MOUNTED LED UPLIGHT WITH MACHINED COPPER FREE ALUMINUM CONSTRUCTION BODY WITH 4.5" DIAMETER SCHEDULE 80 PVC HOUSING FOR DIRECT BURIAL WITH 7.5" DIAMETER STABILITY FLANGE. MACHINED BRASS FACEPLATE. SHOCK RESISTANT, TEMPERED, LINEAR SPREAD GLASS LENS. SPOT DISTRIBUTION INTERCHANGEABLE OPTIC. 3000K CCT. STANDARD PAINTED FINISH TO BE DETERMINED BY THE ARCHITECT.	BK LIGHTING: B-UL-S-DE-LED-X59-SP-FI NISH-13 POWER SUPPLY: HP2-RM	12W	5" DIAMETER 11.125" DEEP	



QUATTROCCHI KWOR
ARCHITECTS

Main Office:
636 Fifth Street, Santa Rosa, CA 95404

Pleasanton Office:
600 Main Street, Suite E,
Pleasanton, CA 94566
(707) 576-0829



OMAHONY & MYER
ARCHITECTS

400 BURNWOOD HWY, SUITE 205
SAN RAFAEL, CALIFORNIA 94903
(415) 962-0420 FAX (415) 455-9622
www.omahonyandmyer.com

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SANTA ROSA, CA 95404

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ARCH PROJECT NO:		1802.00
DRAWN BY:		
DRAWING SCALE:		AS NOTED

PRELIM DESIGN REVIEW

MARCH 3, 2020

SHEET TITLE

LUMINAIRE
SCHEDULE



SITE PLAN - LIGHTING - LOWER PLAZA
SCALE: 1/16" = 1'-0"

Luminaire Schedule							
Symbol	Qty	Label	Arrangement	LLF	Description	Tag	Lum. Lumens
	20	LED-e66-MFL-13-TL85924	SINGLE	0.800	AR-LED-TR-e66-MFL-13	AA1-LS	394
	3	LED-e66-MFL-12-TL85922	SINGLE	0.800	AR-LED-TR-e66-MFL-12	AA1	458
	3	LEE-30011-T3-W30	SINGLE	0.800	LEE-30011-T3-W30	AO1	1376
	7	VK-90001-T3-W30	SINGLE	0.800	VK-90001-T3-W30	BA2	3192
	1	MS-90281-EW-W30	SINGLE	0.800	MS-90281-EW-W30	BB1	3586
	3	MS-90281-T3-W30	SINGLE	0.800	MS-90281-T3-W30	BB2	3351
	4	itl68147	SINGLE	0.800	PATHMASTER - P1S (HIGH)	BC1	149

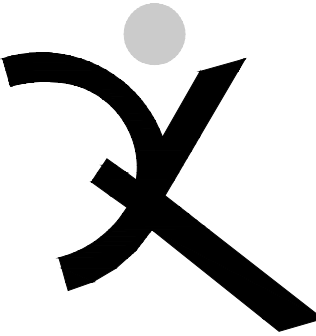
Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
+3' GRADE_Top	Illuminance	Fc	1.38	11.1	0.0	N.A.	N.A.
RAMP_Planar	Illuminance	Fc	1.26	8.1	0.2	6.30	40.50
RAMP1_RAMP1	Illuminance	Fc	1.35	3.3	0.0	N.A.	N.A.
STAIRS_1_Planar	Illuminance	Fc	2.97	4.7	0.9	3.30	5.22
STAIRS_Planar	Illuminance	Fc	2.28	4.5	1.3	1.75	3.46

GENERAL NOTES

- SEE SHEET E-2.1 AND E-2.3 FOR BUILDING MOUNTED LUMINAIRES.
- TYPE BA POLE MOUNTED LUMINAIRES HAVE A 12' OVERALL HEIGHT.
- TYPE BB POLE MOUNTED LUMINAIRES HAVE A 20' OVERALL HEIGHT TO MATCH EXISTING PARKING LOT LUMINAIRES.
- EXISTING LIGHTING TO REMAIN AT EXISTING UTILITY BUILDING AND GUILD AND COMMONS; U.O.N.

NUMBERED NOTES

- EXISTING POLE MOUNTED AREA LIGHT TO BE RELOCATED, REMOVE LUMINAIRE, DEMO EXISTING CONCRETE ANCHOR BASE, AND INSTALL IN NEW LOCATION (T.B.D) ON NEW ANCHOR BASE.
- EXISTING POLE MOUNTED AREA LIGHT TO BE DISCONNECTED, REMOVED, AND RETURNED TO OWNER.
- RECESSED AT 1'-6" A.F.G.
- IN-GRADE UPLIGHT FOR DECORATIVE PANEL ACCENT.



QUATTROCCHI KWOK
ARCHITECTS
Main Office:
636 Fifth Street, Santa Rosa, CA 95404
Pleasanton Office:
600 Main Street, Suite E,
Pleasanton, CA 94566
(707) 576-0829



O'MAHONY & MYER
ELECTRICAL ENGINEERING AND LIGHTING DESIGN
490 BURNWOOD HWY, SUITE 205
SAN RAFAEL, CALIFORNIA 94903
(415) 962-0426 / FAX (415) 459-9622
www.oomahony.com
REGISTERED PROFESSIONAL ELECTRICAL ENGINEER
No. 14738
Exp. 8/21
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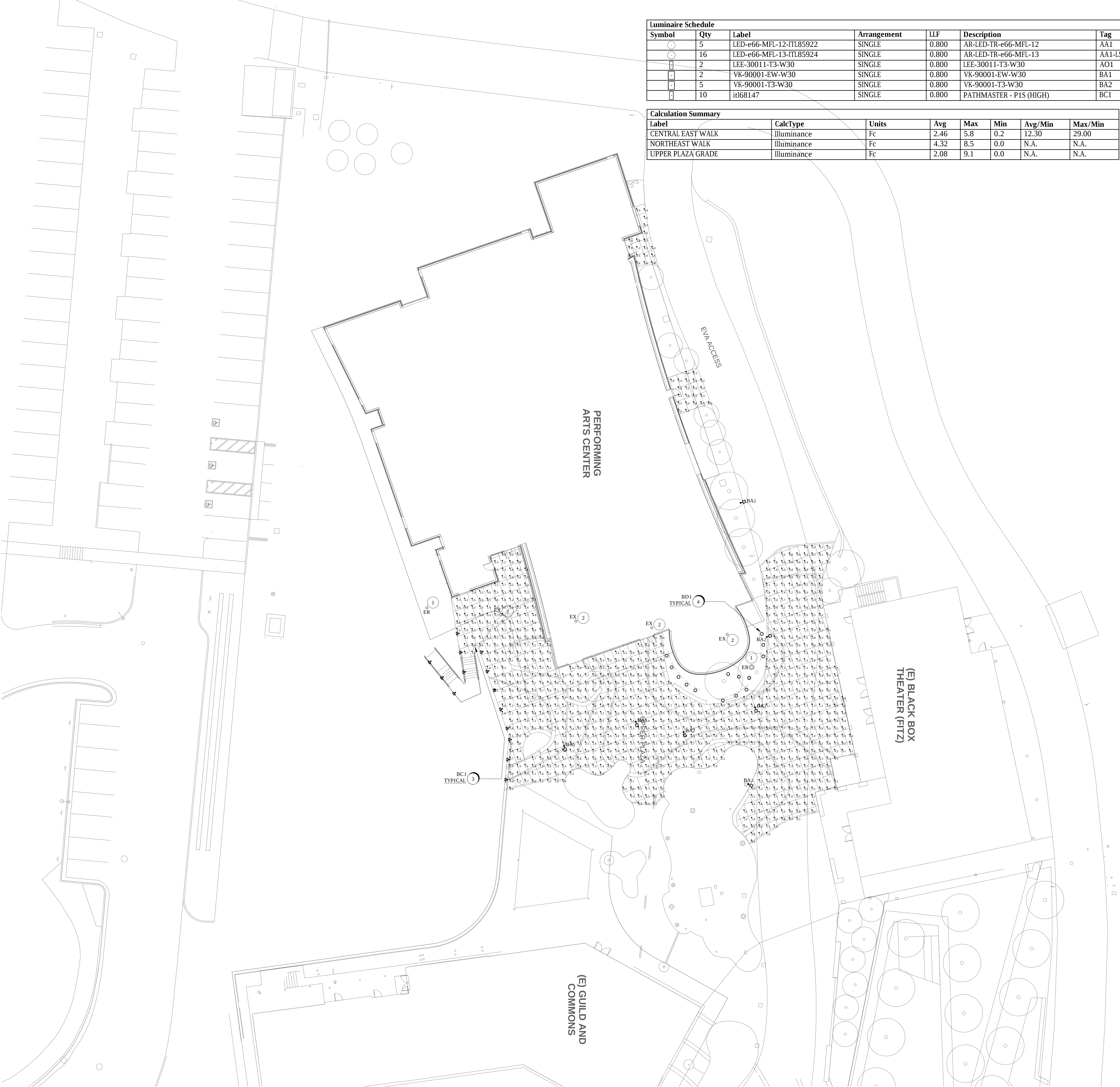
PRELIM DESIGN REVIEW
MARCH 3, 2020

SHEET TITLE

SITE PLAN -
LIGHTING -
LOWER PLAZA

SHEET NUMBER

E-1.2



SITE PLAN - LIGHTING - UPPER PLAZA
SCALE: 1/16" = 1'-0"

Luminaire Schedule							
Symbol	Qty	Label	Arrangement	LLF	Description	Tag	Lum. Lumens
○	5	LED-e66-MFL-12-TL85922	SINGLE	0.800	AR-LED-TR-e66-MFL-12	AA1	458
○	16	LED-e66-MFL-13-TL85924	SINGLE	0.800	AR-LED-TR-e66-MFL-13	AA1-LS	394
□	2	LEE-30011-T3-W30	SINGLE	0.800	LEE-30011-T3-W30	AO1	1376
□	2	VK-90001-EW-W30	SINGLE	0.800	VK-90001-EW-W30	BA1	3457
□	5	VK-90001-T3-W30	SINGLE	0.800	VK-90001-T3-W30	BA2	3192
□	10	itl68147	SINGLE	0.800	PATHMASTER - P1S (HIGH)	BC1	149

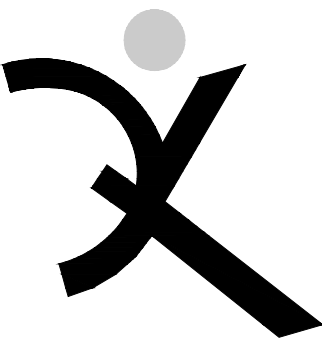
Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
CENTRAL EAST WALK	illuminance	Fc	2.46	5.8	0.2	12.30	29.00
NORTHEAST WALK	illuminance	Fc	4.32	8.5	0.0	N.A.	N.A.
UPPER PLAZA GRADE	illuminance	Fc	2.08	9.1	0.0	N.A.	N.A.

GENERAL NOTES

- SEE SHEETS E-2.1 AND E2.3 FOR BUILDING MOUNTED LUMINAIRES.
- TYPE BA POLE MOUNTED LUMINAIRES HAVE A 12' OVERALL HEIGHT.

NUMBERED NOTES

- EXISTING POLE MOUNTED AREA LIGHT TO BE RELOCATED, REMOVE LUMINAIRE, DEMO EXISTING CONCRETE ANCHOR BASE, AND INSTALL IN NEW LOCATION (T.B.D) ON NEW ANCHOR BASE.
- EXISTING POLE MOUNTED AREA LIGHT TO BE DISCONNECTED, REMOVED, AND RETURNED TO OWNER.
- RAIL INTEGRATED STEP LIGHTS AT 2'-0" A.F.G.
- IN-GRADE UPLIGHT FOR DECORATIVE PANEL ACCENT.



QUATTROCCHI KWOK
ARCHITECTS
Main Office:
636 Fifth Street, Santa Rosa, CA 95404
Pleasanton Office:
600 Main Street, Suite E,
Pleasanton, CA 94566
(707) 576-0829



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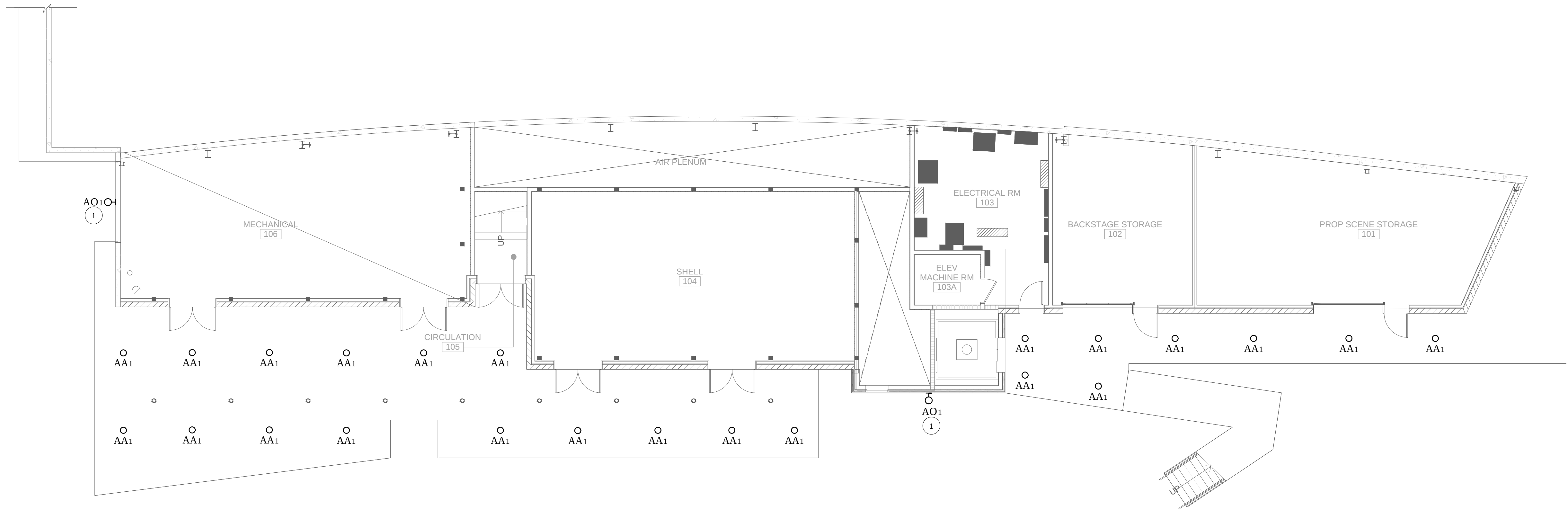
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MARCH 3, 2020

SHEET TITLE
SITE PLAN -
LIGHTING -
UPPER PLAZA

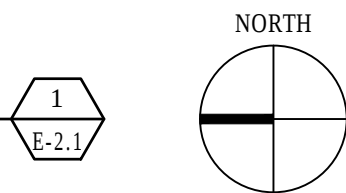
SHEET NUMBER

E-1.3



GROUND FLOOR PLAN - LIGHTING

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

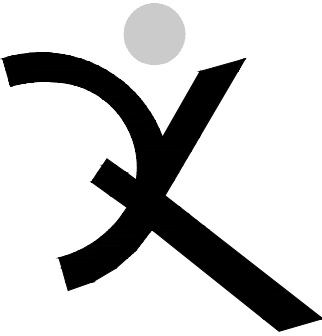


NUMBERED SHEET NOTES

1. WALL MOUNTED AT 10'-0" A.F.F. TO THE BOTTOM OF THE LUMINAIRE.

GENERAL NOTES

1. SEE SHEETS E-1.2 AND E-1.3 FOR SITE LIGHTING.



QUATTROCCHI KWOK
ARCHITECTS
Main Office:
636 Fifth Street, Santa Rosa, CA 95404
Pleasanton Office:
600 Main Street, Suite E,
Pleasanton, CA 94566
(707) 576-0829



OMAHA & MYER
ARCHITECTS
440 BROADWAY, SUITE 200
SAN FRANCISCO, CALIFORNIA 94104
(415) 440-1000 FAX (415) 440-1001
www.omahamy.com

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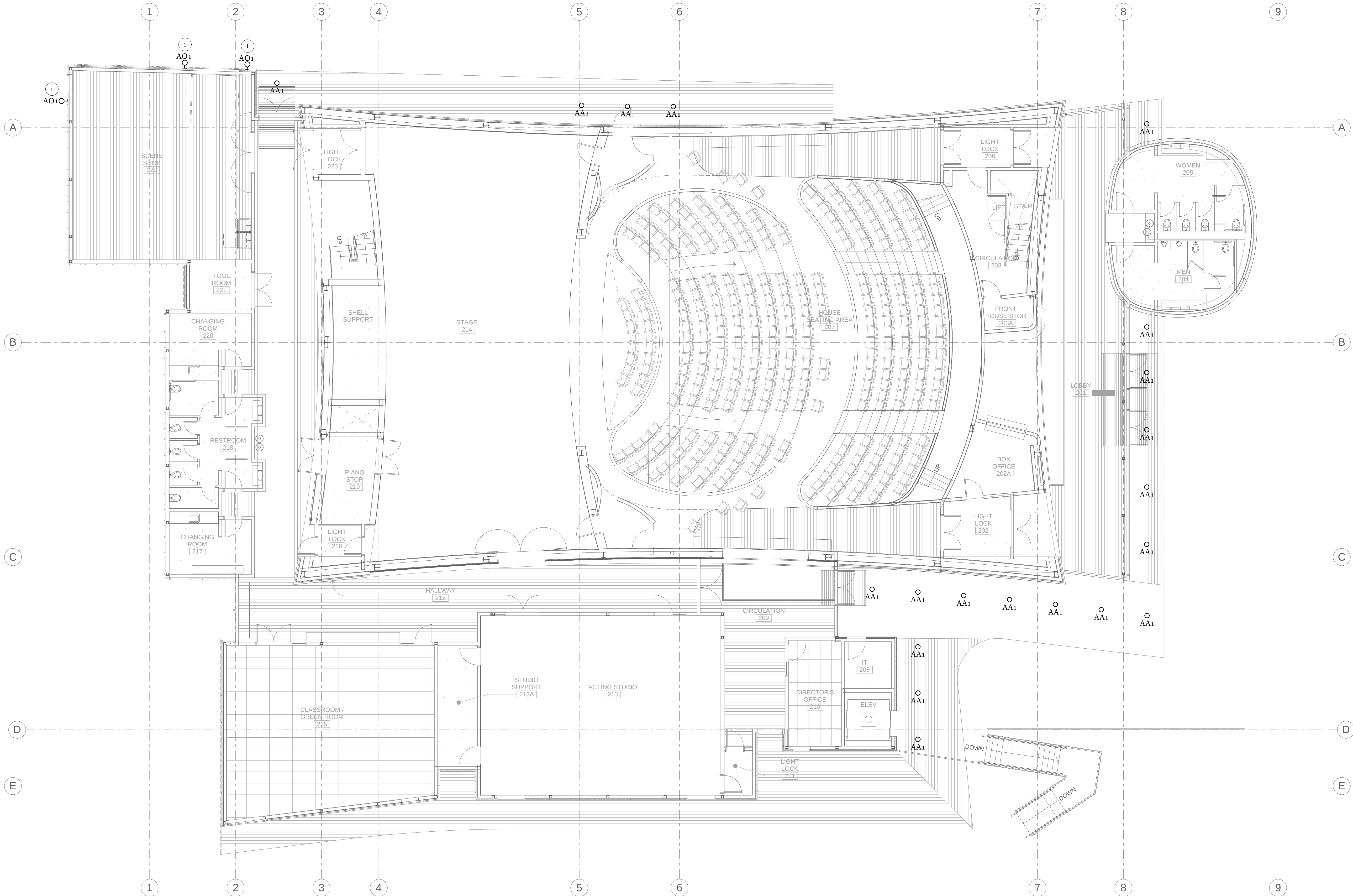
MARCH 3, 2020

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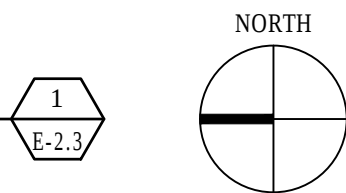
GROUND FLOOR
PLAN -
LIGHTING

SHEET NUMBER

E-2.1



MAIN FLOOR PLAN - LIGHTING
SCALE: 1/8" = 1'-0"

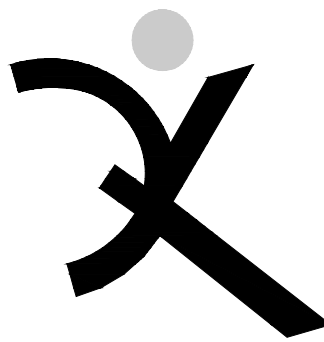


NUMBERED SHEET NOTES

- 1 WALL MOUNTED AT 10'-0" A.F.F. TO THE BOTTOM OF THE LUMINAIRE.

GENERAL NOTES

1. SEE SHEETS E-1.2 AND E-1.3 FOR SITE LIGHTING.



QUATTROCCHI KWOK
ARCHITECTS
Main Office:
636 Fifth Street, Santa Rosa, CA 95404
Pleasanton Office:
600 Main Street, Suite E,
Pleasanton, CA 94566
(707) 576-0829



OMAHA & MYER
ARCHITECTS
440 BROADWAY, SUITE 205
SAN FRANCISCO, CALIFORNIA 94102
(415) 398-0000 FAX (415) 398-0001
www.omahamy.com

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SHEET TITLE
MAIN FLOOR
PLAN -
LIGHTING

SHEET NUMBER

E-2.3