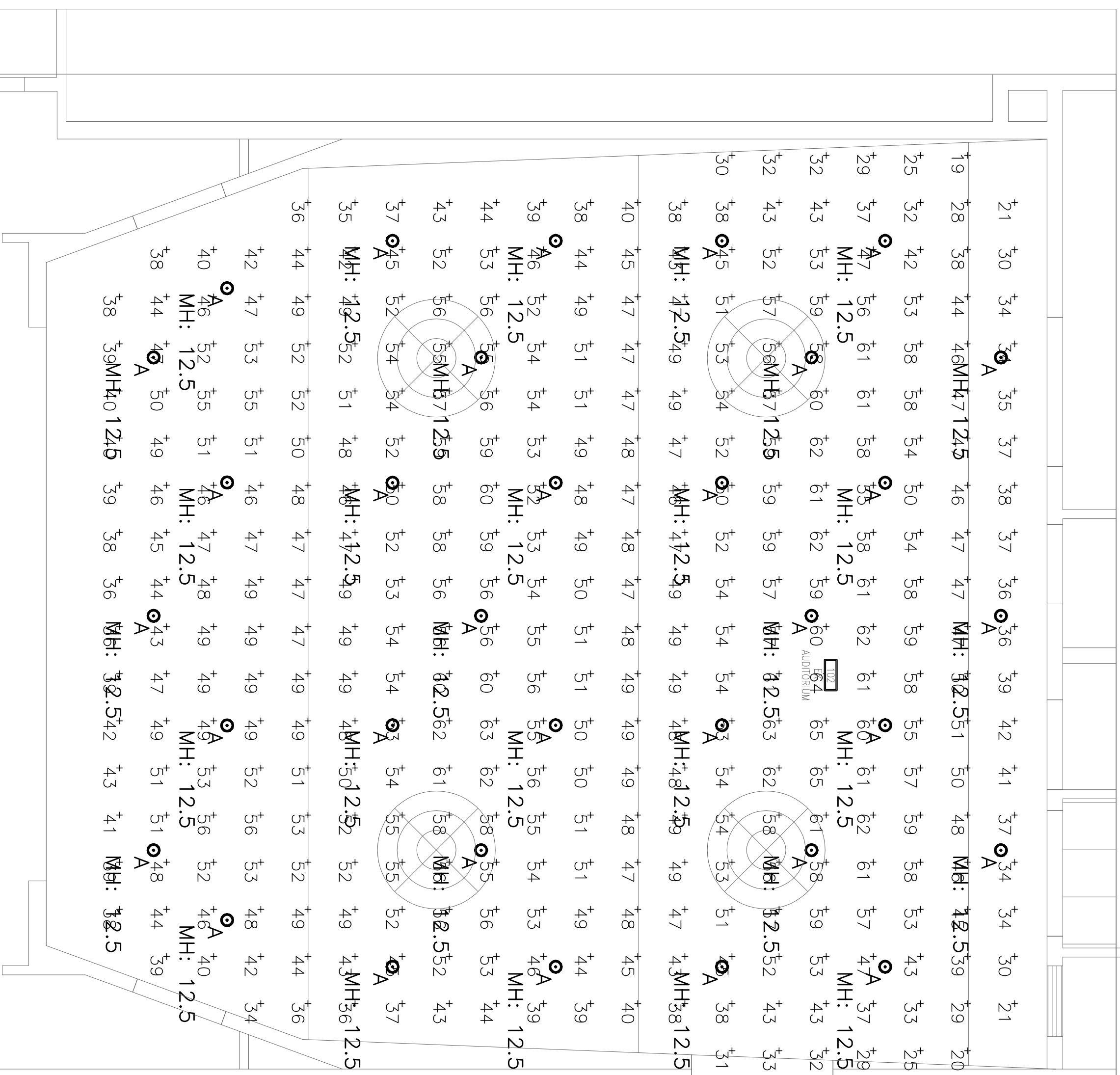


- NOTES:**
- ALL FIXTURES TYPE 'A' SHOWN ARE NEW & SHALL CONNECT INTO THE EXISTING AUDITORIUM DIMMING CONTROL PANEL. PROVIDE ALL WIRING TO CONTROL PANEL AS REQUIRED FOR A COMPLETE OPERATING SYSTEM.
 - ALL EXITS & EMERGENCY LIGHTING & FIRE ALARM TO REMAIN AS IS. EXISTING EXIT LIGHTS TO BE REPLACED WITH NEW GREEN RUNNING MAN LED EXIT LIGHTS.

SPECIFICATION

- SCOPE OF WORK: PROVIDE ALL MATERIALS, EQUIPMENT & LABOUR REQUIRED TO CONSTRUCT COMPLETE A PROPERLY FUNCTIONING ELECTRICAL SYSTEM FROM POINT OF ELECTRICAL SERVICE THROUGH ALL DISTRIBUTION EQUIPMENT, FEEDERS, PANELBOARDS & BRANCH CIRCUIT WIRING TO ALL OUTLETS, DEVICES, FIXTURES AND EQUIPMENT IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS.
- SUBMIT AS BUILT DRAWINGS UPON COMPLETION OF WORK. ELECTRICAL CONTRACTOR SHALL DELIVER TO THE OWNER TWO SETS OF AS BUILT DRAWINGS WHICH SHALL INCLUDE ALL REVISIONS AND ALL SHOP DRAWINGS MARKED IN RED.
- OUTLET BOXES SHALL BE 4" OCTAGONAL OR 4" SQUARE. EXTRA LARGE BOXES SHALL BE PROVIDED IN ACCORDANCE WITH OHEPC CODE IN LIEU OF SIZES SPECIFIED WHERE NECESSARY IN ORDER TO PREVENT UNDOE CROWDING OF WIRE. USE CASE NON FERROUS ALLOY OR ALUMINUM BOXES WITH GASKETED BLANK OR SPRING LOADED COVERS FOR ALL EXTERIOR LOCATIONS. RECEPTACLES AND SWITCH BOXES SHALL BE STANDARD 1104 ALL BOXES TO HAVE METAL COVERPLATES EXCEPT FINISHED AREAS WHICH SHALL BE PLASTIC - WHITE FINISH.
- WIRE & CABLE: ALL CONDUCTORS SHALL BE COPPER UNLESS OTHERWISE DESIGNATED. STRANDED FOR #8 AWG & LARGER. MINIMUM SIZE WIRE SHALL BE #12 AWG FOR LIGHTING AND POWER. INSULATION SHALL BE 600V BRANCH CIRCUIT RIMS EXCEEDING 75 FT. SHALL BE #10 AWG OR LARGER TO THE FIRST OUTLET. ALL CONNECTIONS TO MOTORS AND EQUIPMENT FROM DISCONNECT SWITCHES SHALL BE COPPER REGARDLESS OF WIRE SIZE.
- GROUNDING: ALL GROUNDING SHALL BE INCLUDING TO SUIT THE REQUIREMENTS OF THE ONTARIO SAFETY CODE.
- CONDUIT: ALL WIRING SHALL BE CONTAINED IN METALLIC RACEWAYS USING HOT DIPPED GALVANIZED RIGID STEEL CONDUIT OR ELECTRIC METALLIC TUBING (EMT). USE RIGID STEEL CONDUIT WHERE RUNS ARE EXPOSED TO THE WEATHER STUBBED UP THROUGH FLOOR UNDER OR IN SLABS AND UNDERGROUND. EXTERIOR OR IN SLAB CONDUITS MAY BE PVC SCEPTER. STUB UPS SHALL BE RIGID STEEL. FLEXIBLE METALLIC CONDUIT SHALL BE USED FOR ALL CONNECTIONS TO MOTORS AND VIBRATING EQUIPMENT USING FITTINGS MADE FOR THIS PRODUCT. AND USING NEOPRENE JACKETED TYPE (SEALANTE) FOR ALL OIL OR MOISTURE RELATED CONDITIONS. ALL CONDUIT TO BE CONCEALED EXCEPT AS NOTED. BX CABLE MAY BE USED FOR FIXTURE DROPS AND IN PARTITIONS ONLY.
- LIGHTING FIXTURES & LAMPS: SUPPLY & INSTALL, ADJUST & CLEAN UP ALL FIXTURES, LAMPS & LENSES AS DESCRIBED IN FIXTURE SCHEDULE. PROVIDE ALL AUXILIARY SUPPORTS AS REQUIRED. FIXTURES SHALL BE INDEPENDENTLY SUPPORT FROM STRUCTURE. LAMPS AND LENSES WILL BE SUPPLIED BY THIS CONTRACTOR.
- CODES, PERMITS & GUARANTEES: ALL WORK SHALL COMPLY WITH ALL APPLICABLE CODES AND CONTRACTORS SHALL PAY ALL PERMIT FEES. ALL MATERIALS & LABOUR SHALL BE UNCONDITIONALLY GUARANTEED FOR A PERIOD OF ONE YEAR AFTER COMPLETION.



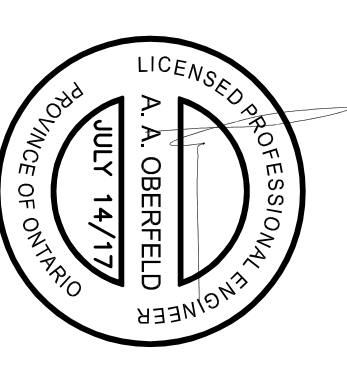
Luminaire Schedule

Symbol	Qty	Label	LLF	Description	Lum. Waits	Lum. Lumens
⊙	32	A	0.750	FLC8D-xx-3000L-xx-xx-T-xx-L-C8-RD-3000L-35K-DN-xx-xx-VL	36	3104

Calculation Summary

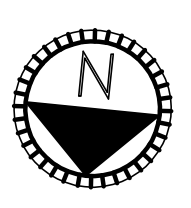
Label	Units	Avg	Max	Min	Avg/Min	Max/Min
Auditorium	Fc	48.50	65	19	2.55	3.42

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REVISION RECORD

DATE	REV.	DESCRIPTION	DRN BY
14/14/17	1	ISSUED FOR PERMIT/TENDER	J.P.



CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND BE RESPONSIBLE FOR SCALE. CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND ELEVATIONS AND BE RESPONSIBLE FOR SCALE. CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND ELEVATIONS AND BE RESPONSIBLE FOR SCALE. CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND ELEVATIONS AND BE RESPONSIBLE FOR SCALE.

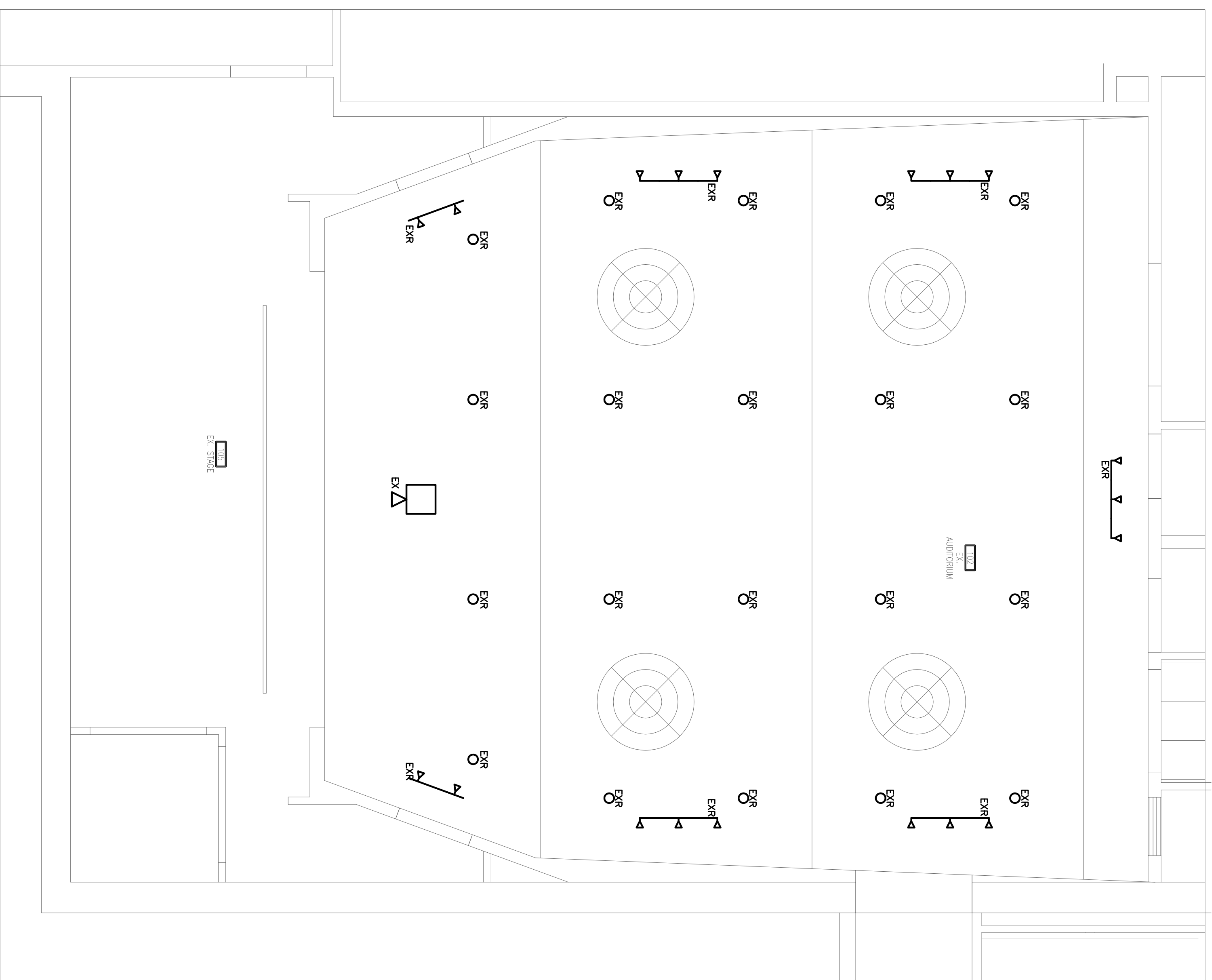
PRODUCT: MCLAUGHLIN LIBRARY INTERIOR ALTERATION 65 BAYOIT STREET, OSHAWA, ONTARIO

DRAWING TITLE: AUDITORIUM FLOOR LIGHTING PLAN

DRAWING No. E-1

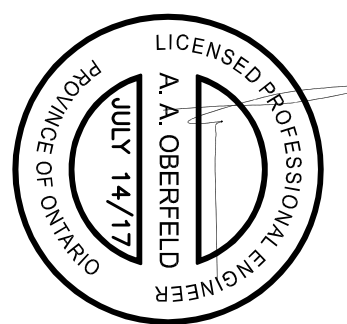
SCALE: 1/4"=1'-0"

DRAWN BY: K.E. CHECKED BY: J.P. 2017-082



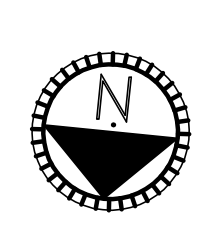
LEGEND
 EX - DESIGNATES EXISTING TO REMAIN AS IS.
 EXR - DESIGNATES EXISTING TO BE REMOVED

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REVISION RECORD



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CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND BE RESPONSIBLE FOR SCALE. CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND ELEVATIONS AND BE RESPONSIBLE FOR SCALE. PRINTS ARE NOT TO BE SCALED.

PROJECT: MCLAUGHLIN LIBRARY INTERIOR ALTERATION
 65 BROADVIEW STREET, SCARBORO, ONTARIO

DRAWING TITLE: AUDITORIUM FLOOR DEMOLITION PLAN
 DRAWING No. E-2

SCALE: 1/4"=1'-0"
 JOB No. 2017-082
 DRAWN BY: P.E. CHECKED BY: J.P.