

CITY OF SAUSALITO - CEILING REPAIR -



SAUSALITO CITY HALL 420 LITHO STREET, SAUSALITO, CA

GRAPHIC SYMBOLS

(GRAPHIC SYMBOLS SHOWN BELOW ARE FOR ARCHITECTURAL DRAWINGS ONLY.)

PLAN SYMBOLS:

DOOR SYMBOL

WINDOW SYMBOL

EQUIPMENT SYMBOL

WORK POINT, CONTROL POINT OR DATA POINT

SECTION
Section Identification
Drawing where section to drawn

ELEVATION
Elevation Identification
Drawing where elevation to drawn

DETAIL
Detail Identification
Drawing where detail to shown

INTERIOR ELEVATION
Elevation Identification
Drawing where elevation to drawn

OFFICE
ADMIN.

ROOM NAME
(2 Lines Typically)

ROOM NUMBER
ROOM FINISH CODES
"1": Floor
"C": Wall
"1": Ceiling

GRADE LINE SYMBOL

ABBREVIATIONS

(ALL ABBREVIATIONS LISTED ARE NOT NECESSARY USED.)

&: And
L: Angle
@: At
Ø: Diameter
⊥: Perpendicular
#: Pound or Number
AD: Area Drain
ADJ: Adjustable
AFF: Above Finish Floor
BLDG: Building
BLKG: Blocking
BM: Beam
CB: Catch Basin
CEM: Cement
CER: Ceramic
CJ: Control Joint
CLG: Ceiling
CLR: Clear
CMU: Concrete Masonry
COL: Column
CONC: Concrete
CONT: Continuous
CORR: Corridor
CT: Ceramic Tile
CL: Center line
CTSK: Countersunk
DBL: Double
DET: Detail
DIA: Diameter
DIM: Dimension
DN: Down
DR: Door
DS: Downspout
DW: Dish Washer
DWG: Drawing

(E): Existing
EA: Each
EI: Expansion Joint
EQ: Equal
EXST: Existing
FA: Fire Alarm
FD: Floor Drain
FIN: Finish
FL: Floor
FLUOR: Fluorescent
FCC: Face of Concrete
FOS: Face of Studs
FS: Full Size
FTG: Footing
GA: Gauge
GALV: Galvanized
GEN: General
GND: Ground
GR: Grade
GYP: Gypsum
GWB: Gypsum Wall Board
HB: Hose Bib
HDWE: Hardware
HORIZ: Horizontal
HR: Hour
ID: Inside Diameter (Dim.)
INT: Interior
JT: Joint
KIT: Kitchen
LAM: Laminate
LAT: Lateral
LAV: Lavatory
MAX: Maximum
MC: Medicine Cabinet
MECH: Mechanical
MFR: Manufacturer
MH: Manhole
MIN: Minimum

(N): New
NIC: Not in Contract
NTS: Not to Scale
OC: On Center
PAD: Power Actuated Device
PLWD: Plywood
RAD: Radius
RD: Roof Drain
RM: Room
RWL: Rain Water Leader
SHT: Sheet
T&G: Tongue and groove
TC: Top of Curb
TD: Trench Drain
TEL: Telephone
TOP: Top Plate
TV: Television
TW: Top of Wall
TYP: Typical
UON: Unless Otherwise Noted
VERT: Vertical
VIF: Verify in Field
W/: With
WC: Water Closet
WD: Wood
WDW: Window
W/O: Without
WO: Where Occurs
WP: Water proof
WT: Weight

VICINITY MAP



PROJECT LOCATION

PROJECT DESCRIPTION

REPLACEMENT OF EXISTING T-BAR CEILING. NEW 2'X2' T-BAR CEILING & NEW 2'X2' LIGHT FIXTURES THROUGHOUT.

BUILDING DATA

TYPE OF CONSTRUCTION: TYPE V-B
EXISTING NONCONFORMING (PER CHAPTER 34)

OCCUPANCY: TYPE B & A

APPLICABLE CODES

Perform the work shall be in the conformance with the applicable requirements of all regulatory agencies included, but no limited to the following:

- * 2013 California Building Code
- * 2013 California Residential Code
- * 2013 California Mechanical Code
- * 2013 California Plumbing Code
- * 2013 California Electrical Code
- * 2013 California Energy Code
- * 2013 California Fire Code
- * Ordinances & Municipal Codes for City of Sausalito

In case of conflict between regulatory requirements the more stringent shall apply. In case of conflict between regulatory requirements and the contract documents the more stringent shall apply.

LIST OF SHEETS

ARCHITECTURAL PLANS

- A0.0 LIST OF SHEETS, GENERAL NOTES, VICINITY MAP
- A2.1 FIRST FLOOR PLAN, SITE PLAN
- A5.1 REFLECTED CEILING PLAN
- A5.2 EXISTING REFLECTED CEILING PLAN
- A9.1 DETAILS

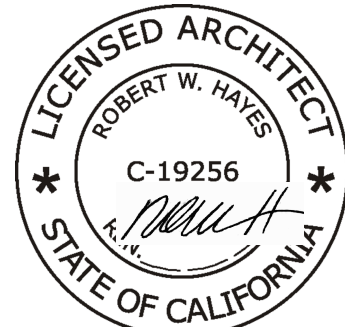
ELECTRICAL

- E0.1 SYMBOL LIST, SPECIFICATION NOTES, FIXTURE SCHEDULE, SHEET INDEX
- E0.2 INTERIOR TITLE 24
- E1.1 FLOOR PLAN LIGHTING

CONSULTANTS

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420 LITHO STREET
SAUSALITO, CA 94965

PROJECT:

CITY HALL: CEILING REPAIR
420 LITHO STREET
SAUSALITO, CA 94965

SHEET TITLE:

LIST OF SHEETS, CONSULTANTS, GENERAL NOTES, VICINITY MAP

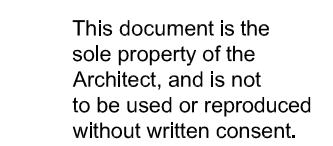
JOB NO. 05-12

SCALE

DATE
BP SUB # 1
APRIL 02, 2014

A0.0

SHEET
OF



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OWNER:
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SHEET TITLE:

BASEMENT FLOOR PLAN

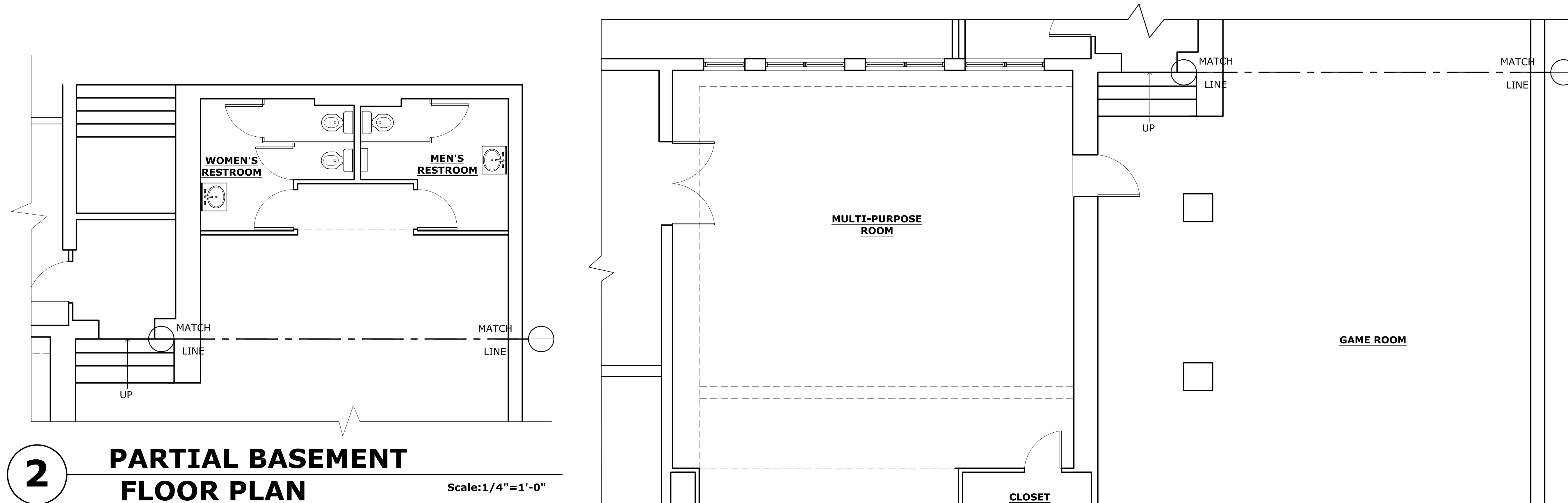
JOB NO. 05-12

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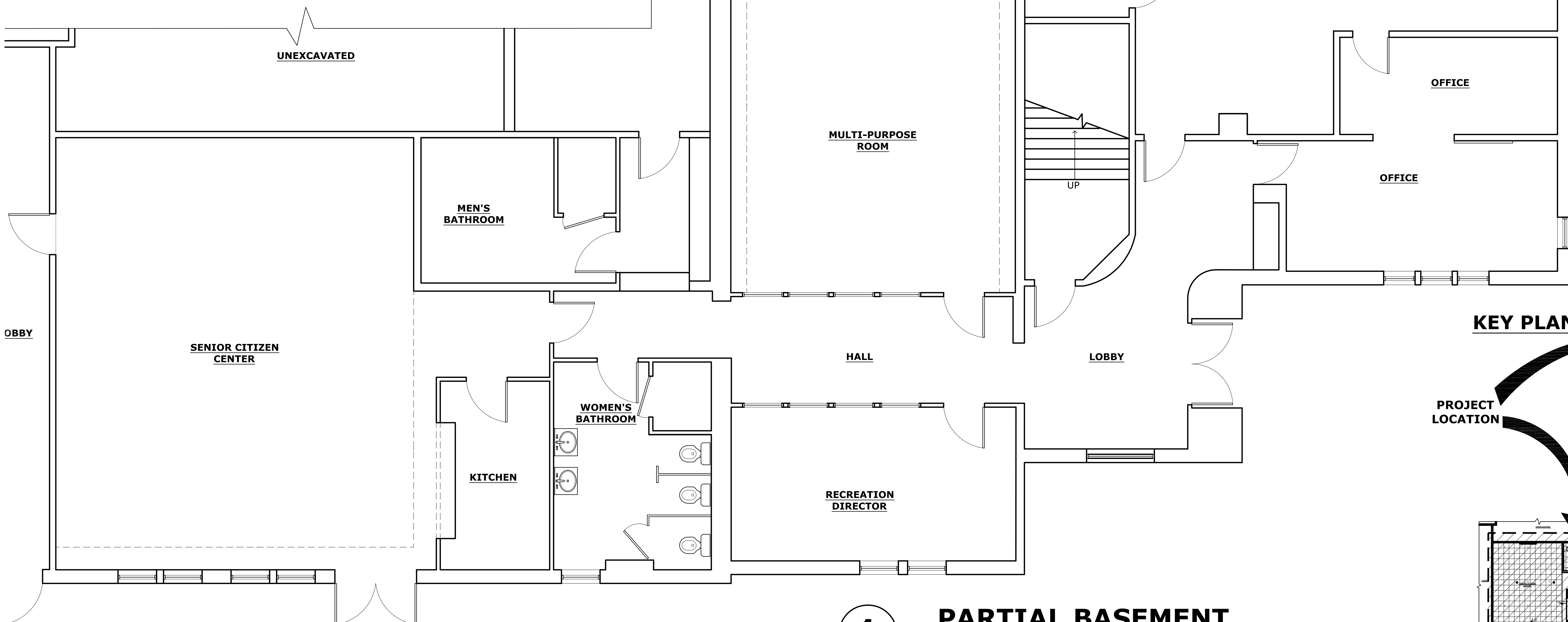
A2.1

SHEET
OF

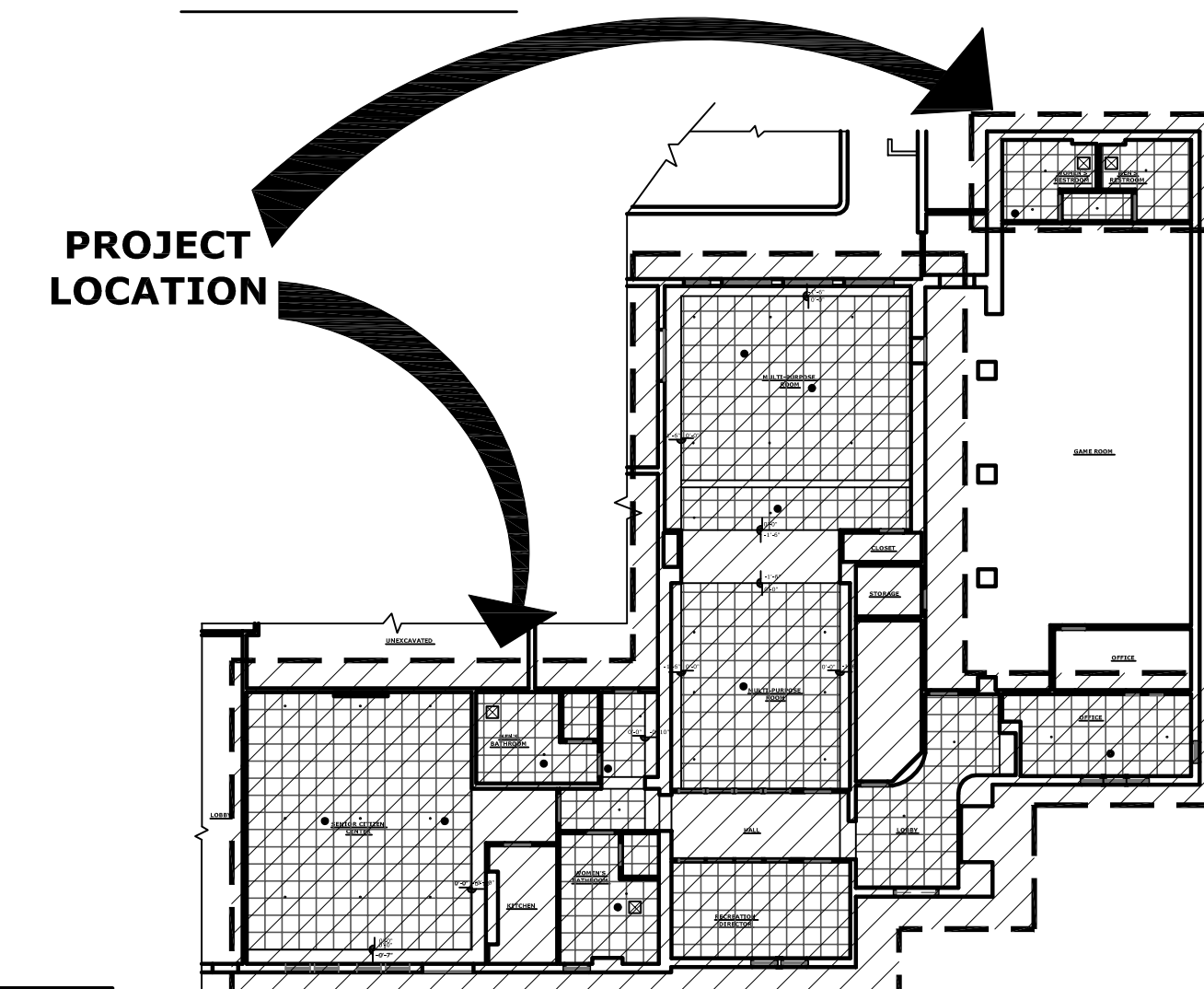


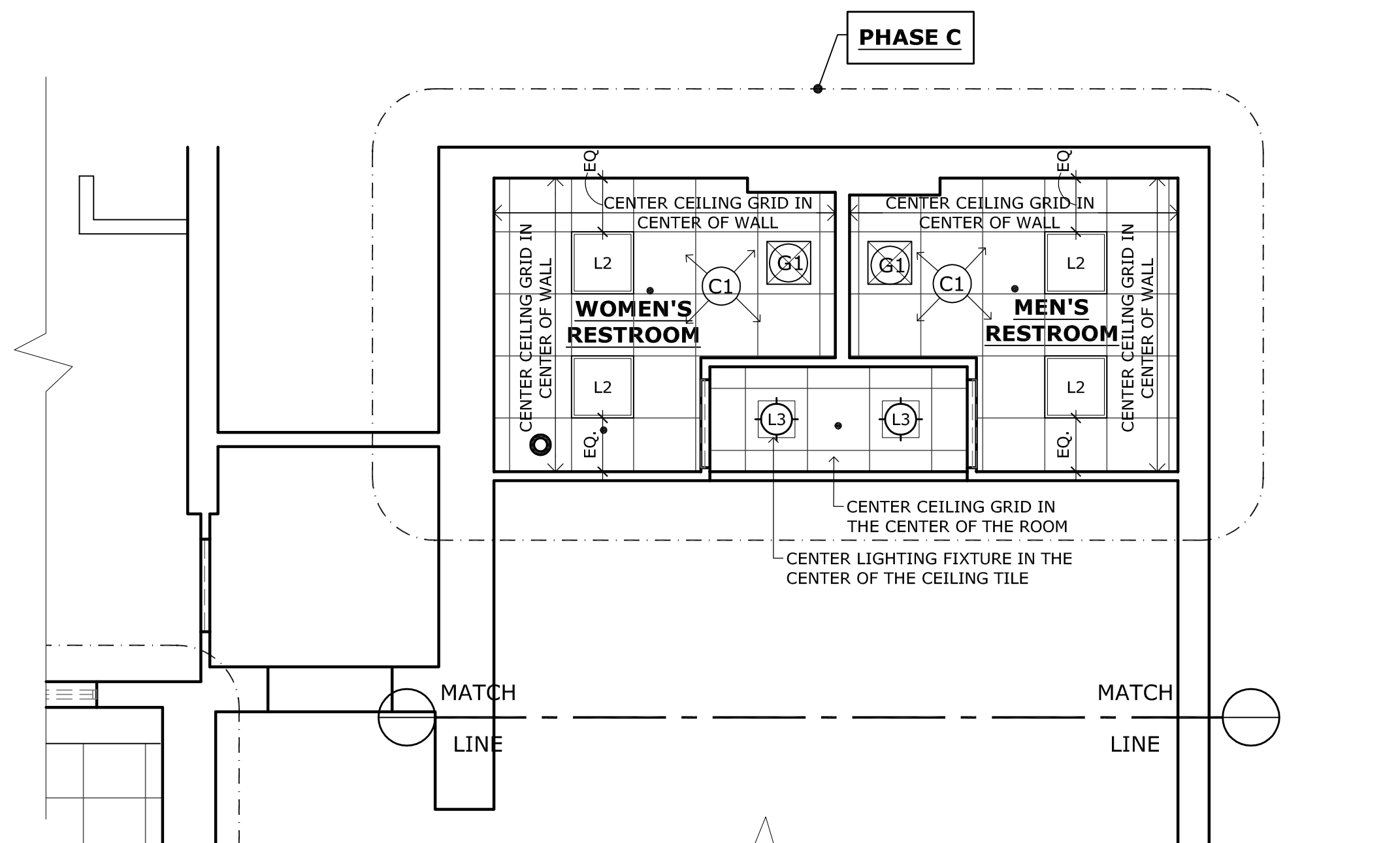
1 PARTIAL BASEMENT FLOOR PLAN

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

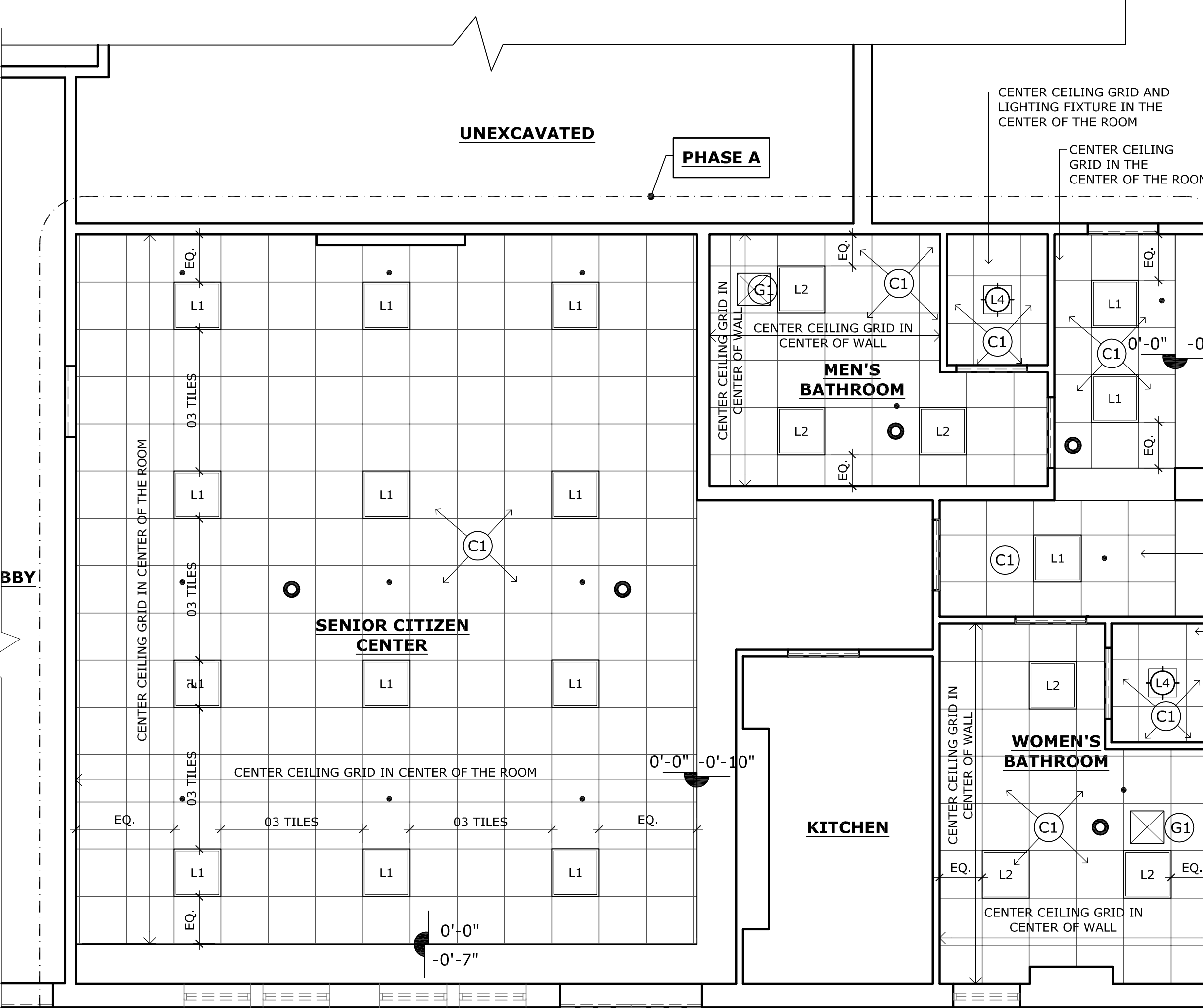


KEY PLAN

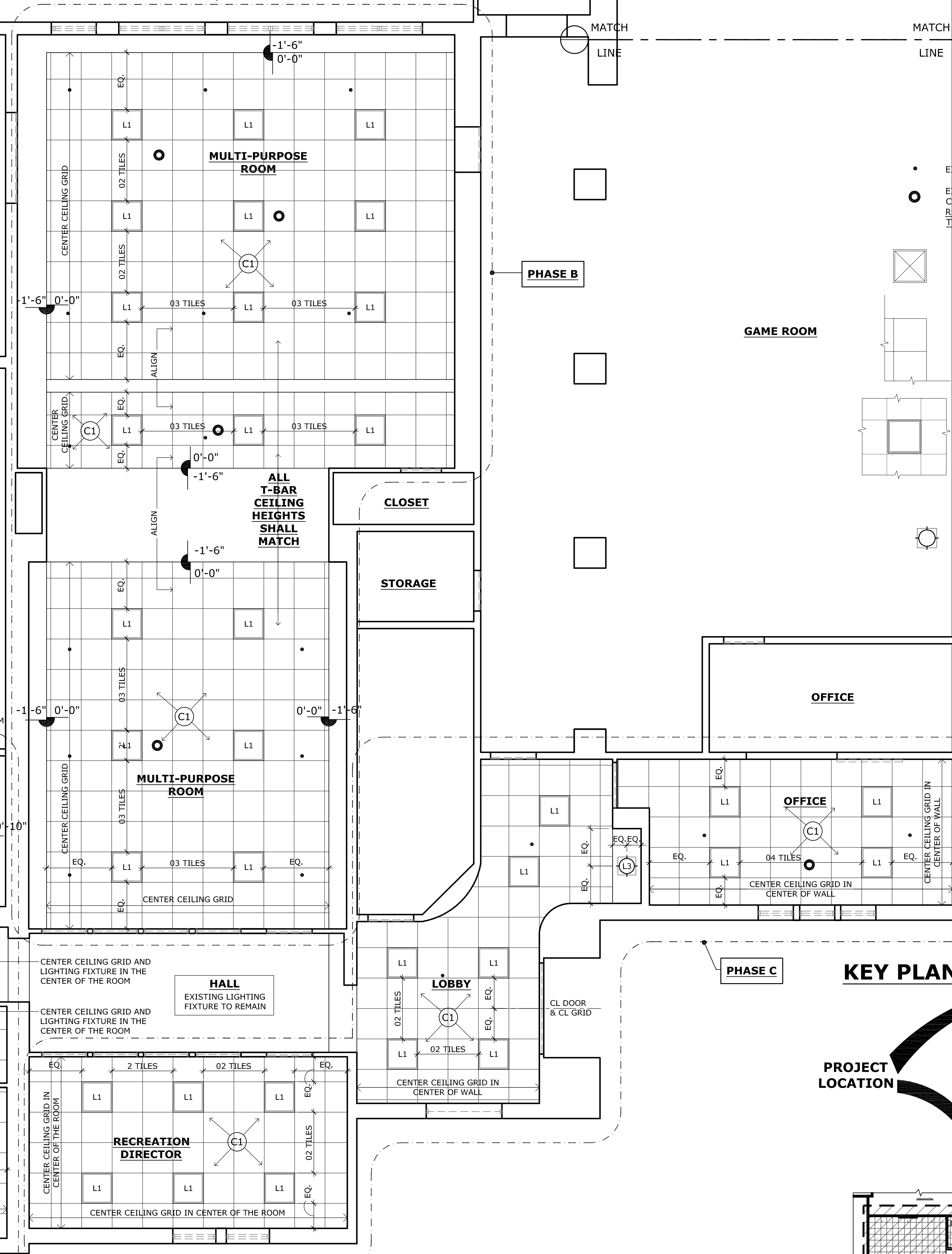




2 PARTIAL REFLECTED CEILING PLAN BASEMENT FLOOR
Scale: 1/4"=1'-0"



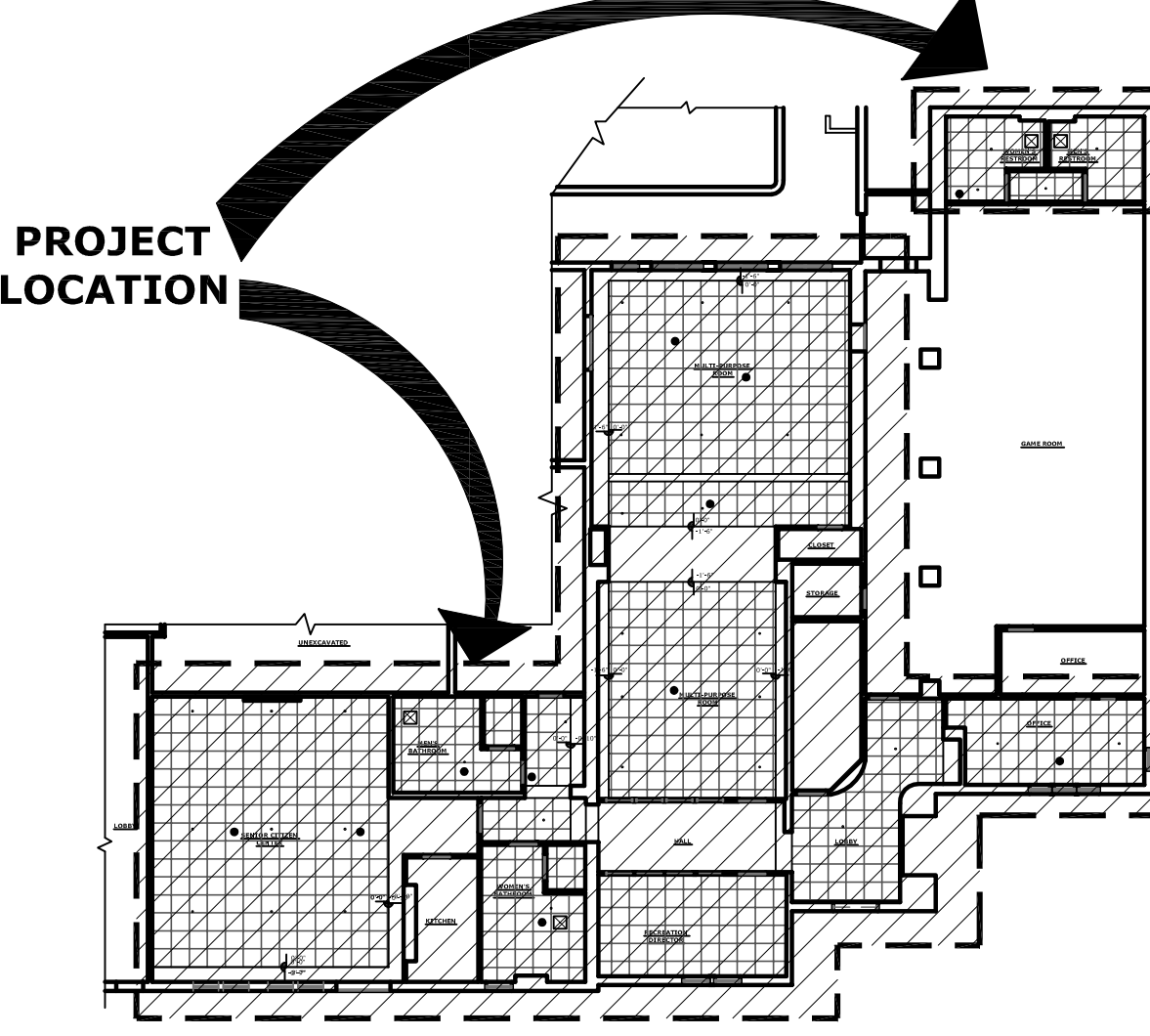
1 PARTIAL REFLECTED CEILING PLAN BASEMENT FLOOR
Scale: 1/4"=1'-0"



LEGEND

- EXISTING: SPRINKLER HEAD
- EXISTING COMBO: SMOKE DETECTOR & CARBON MONOXIDE ALARM
RELOCATE EXISTING COMBO IF NECESSARY TO FIT AT NEW CEILING GRID
- (G1) NEW SUPPLY AIR GRILL
RELOCATE EXISTING DUCT WORK TO MATCH NEW LOCATION
- (C1) NEW CEILING; 2' X 2' "T" BAR; USG DX / DXL 15" EXPOSED T CEILING SYSTEM. W/ ECLIPSE CLIMA-PLUS SLT EDGE.
- (L1) (N) 2' X 2' FLAT PANEL LED TROFFER WHITE ACRYLIC DIFUSER LIGHT FIXTURE 2" MAX DEPTH
- (L2) (N) 2' X 2' FLAT PANEL FLUORESCENT TROFFER WHITE ACRYLIC LENS LIGHT FIXTURE 2" MAX DEPTH
- (L3) (N) DOWNLIGHT FIXTURE LOW PROFILE, WHITE BAFFLE
- (L4) (N) DOWNLIGHT FIXTURE LOW PROFILE, WHITE BAFFLE WET LOCATION

KEY PLAN



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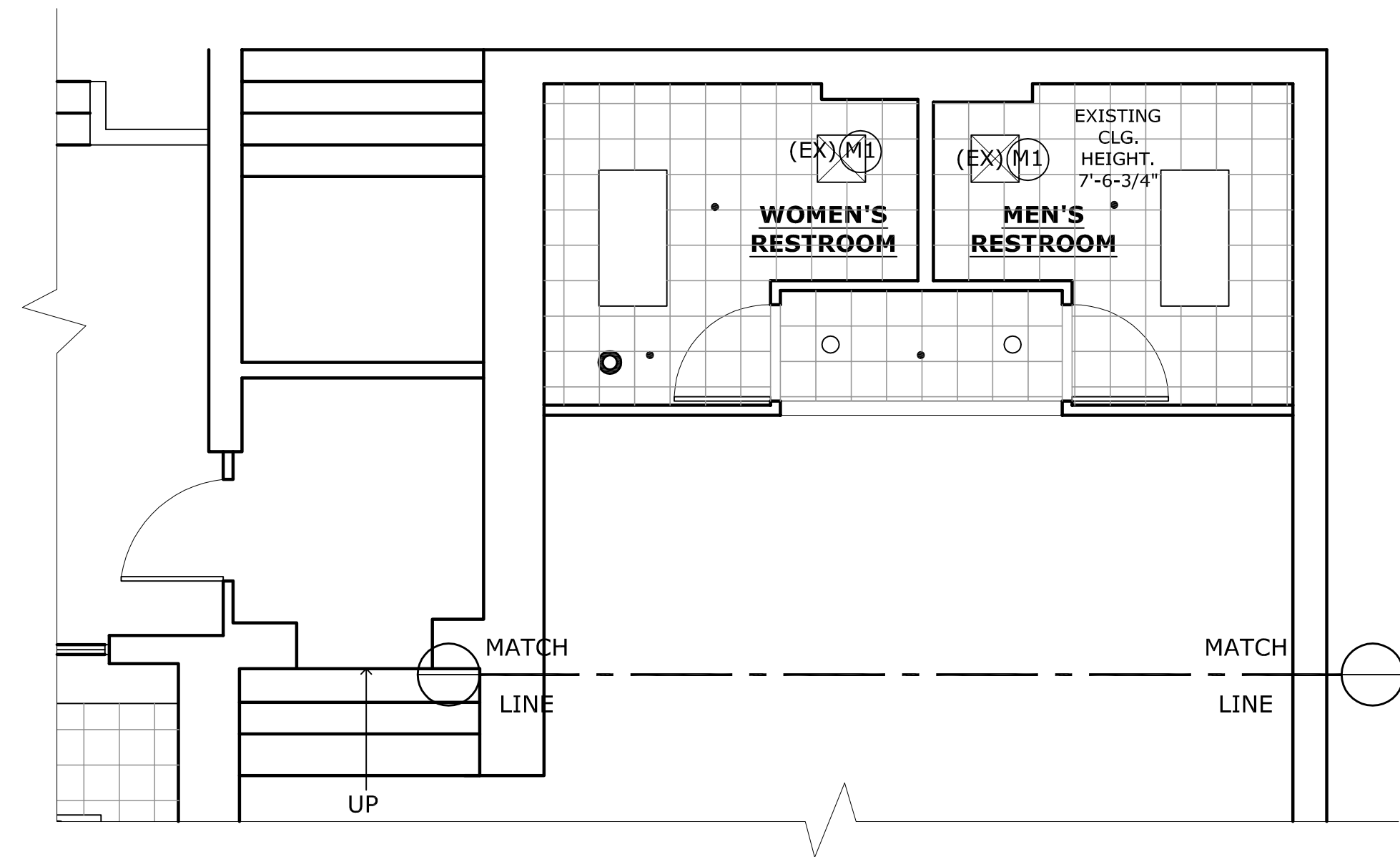
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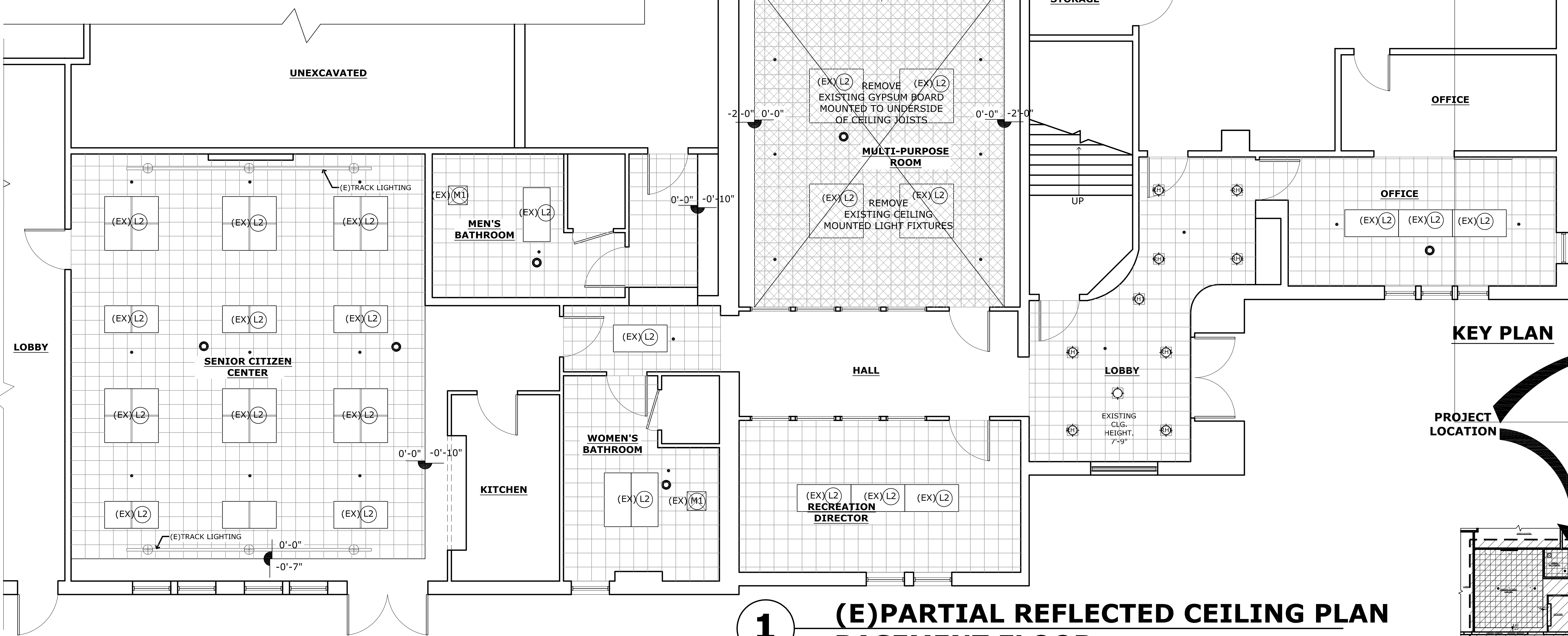
SHEET TITLE:
REFLECTED CEILING PLAN

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SCALE
DATE
BP SUB # 1
APRIL 02, 2014

A5.1
SHEET OF



2 (E)PARTIAL REFLECTED CEILING PLAN
BASEMENT FLOOR FOR INFO ONLY Scale: 1/4"=1'-0"

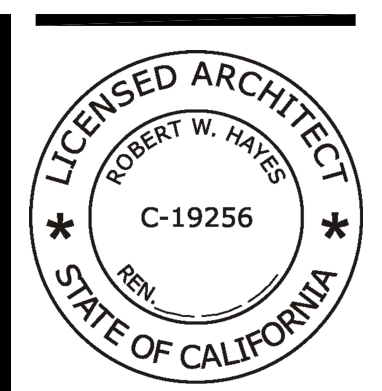
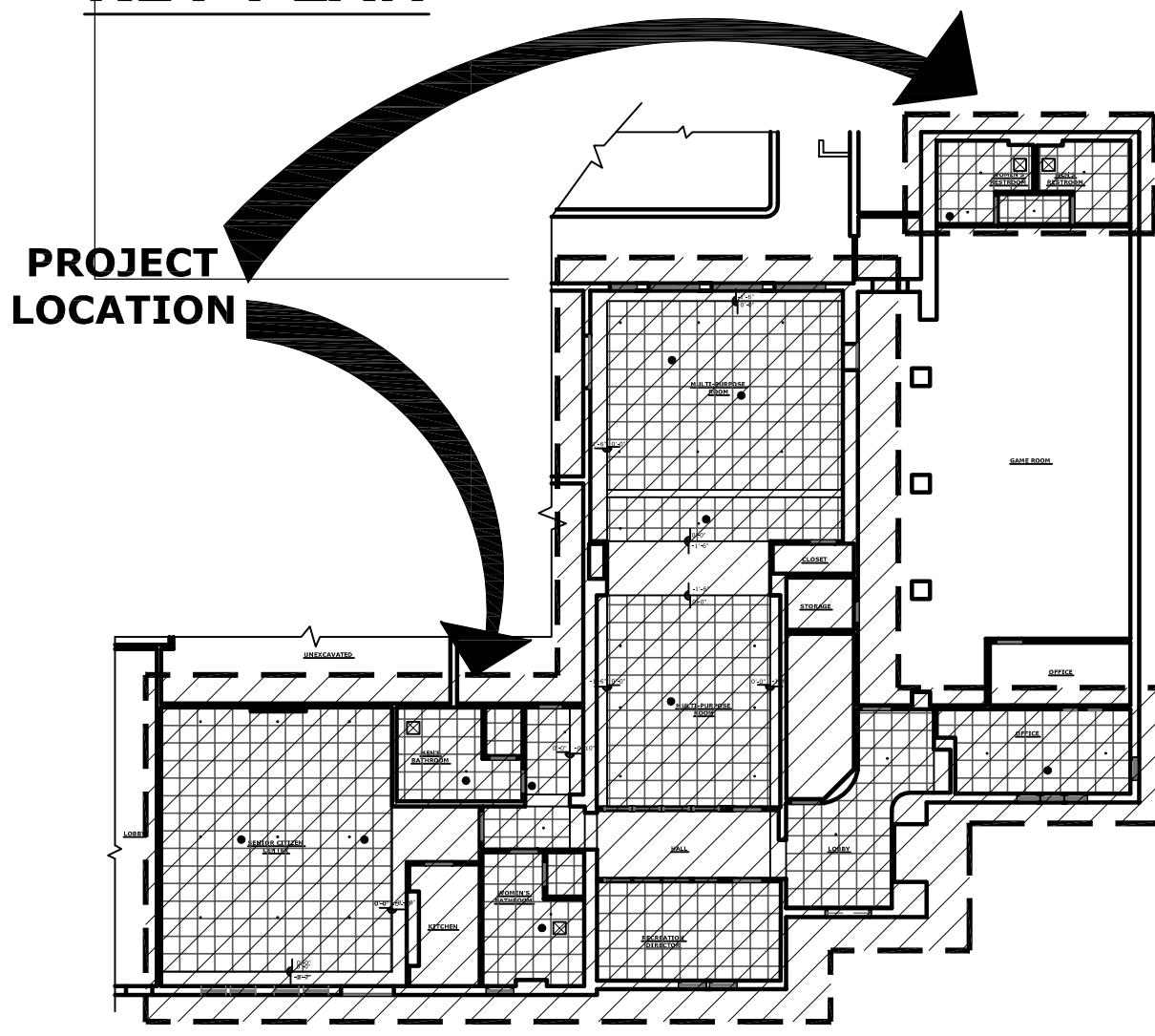


1 (E)PARTIAL REFLECTED CEILING PLAN
BASEMENT FLOOR FOR INFO ONLY Scale: 1/4"=1'-0"

LEGEND

- EXISTING CEILING; (REMOVE)
- EXISTING: SPRINKLER HEAD
- EXISTING COMBO: SMOKE DETECTOR & CARBON MONOXIDE ALARM
- EXISTING: RECESSED CEILING MOUNTED HIGH EFFICIENCY; (REMOVE)
- EXISTING RECESSED CEILING MOUNTED HIGH EFFICIENCY - WATER PROOF
- (EX) L2 EXISTING 2'X4' LIGHT FIXTURE (REMOVE)
- (EX) L2 EXISTING 4'X4' LIGHT FIXTURE (REMOVE)
- (EX) M1 EXISTING SUPPLY AIR GRILL (REMOVE)

KEY PLAN



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SHEET TITLE:

REFLECTED CEILING PLAN (EXISTING)

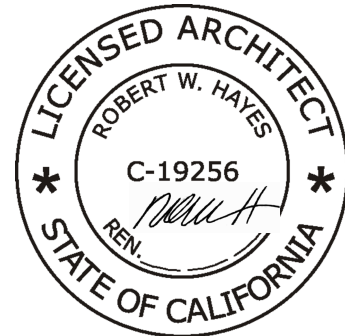
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A5.2

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SHEET TITLE:

DETAILS

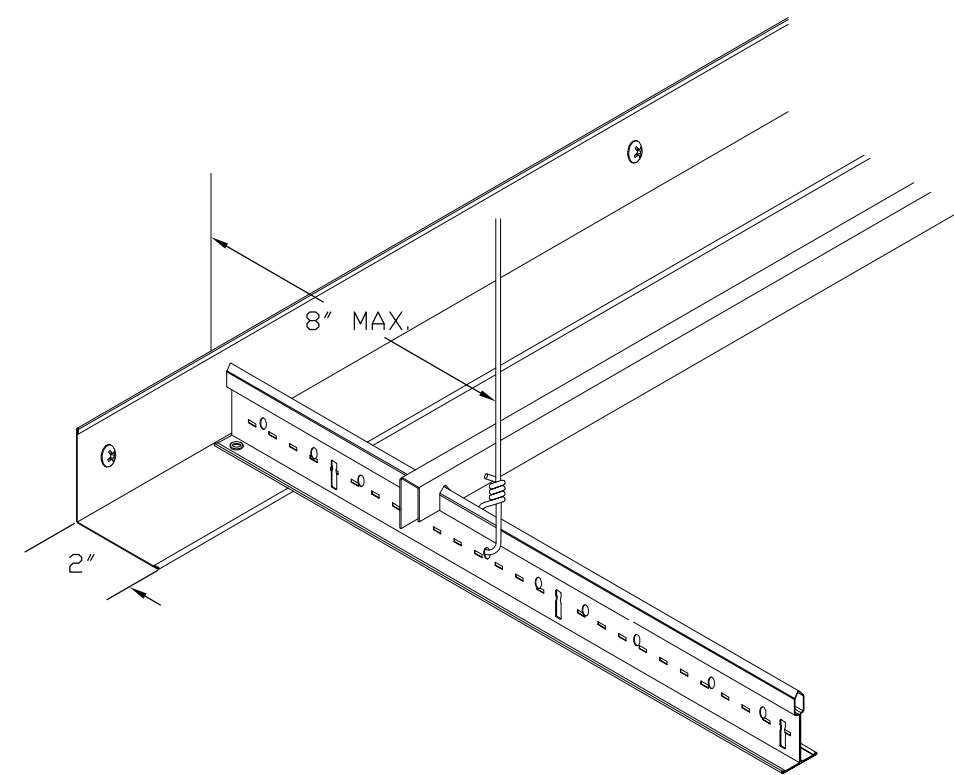
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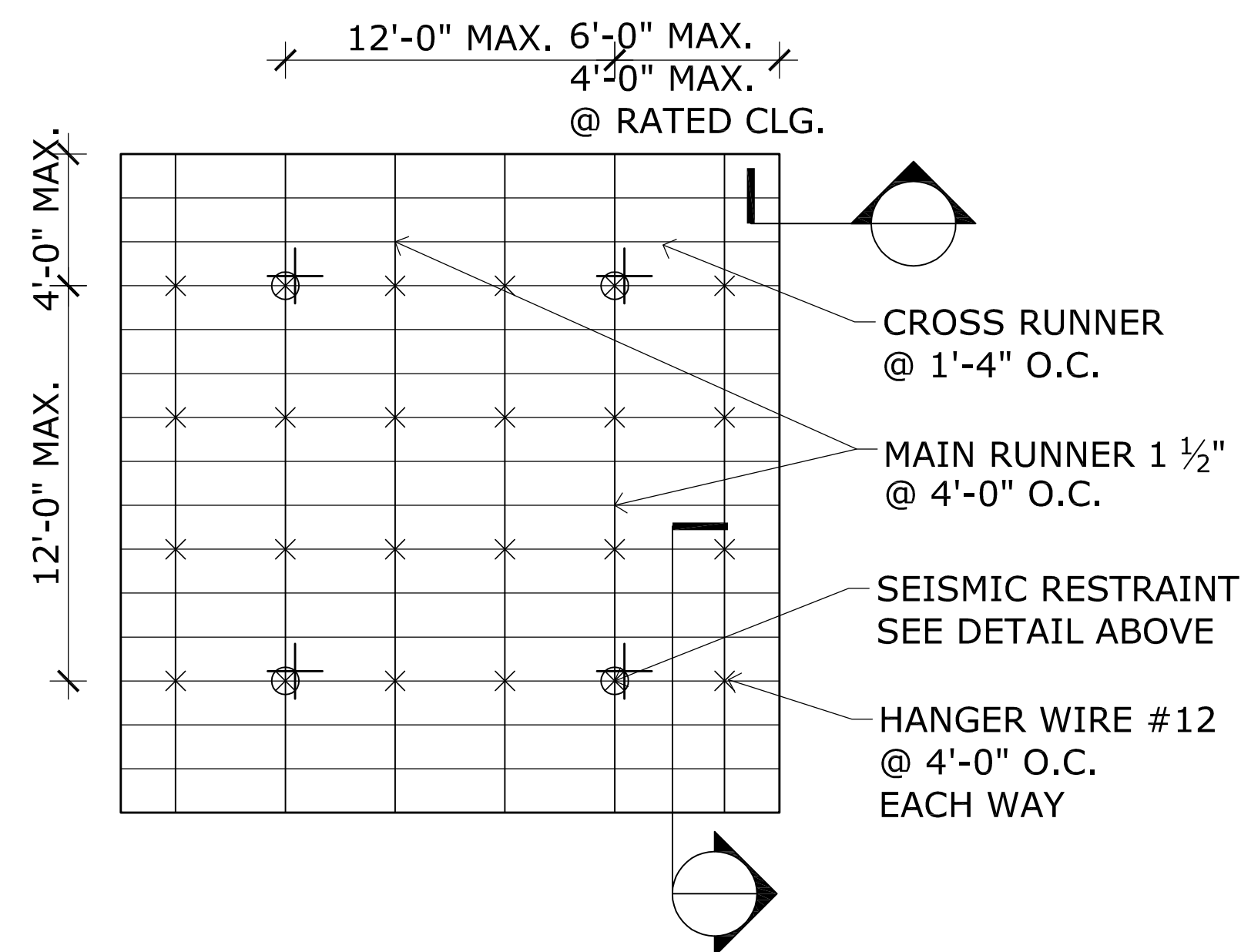
A9.1

SHEET
OF



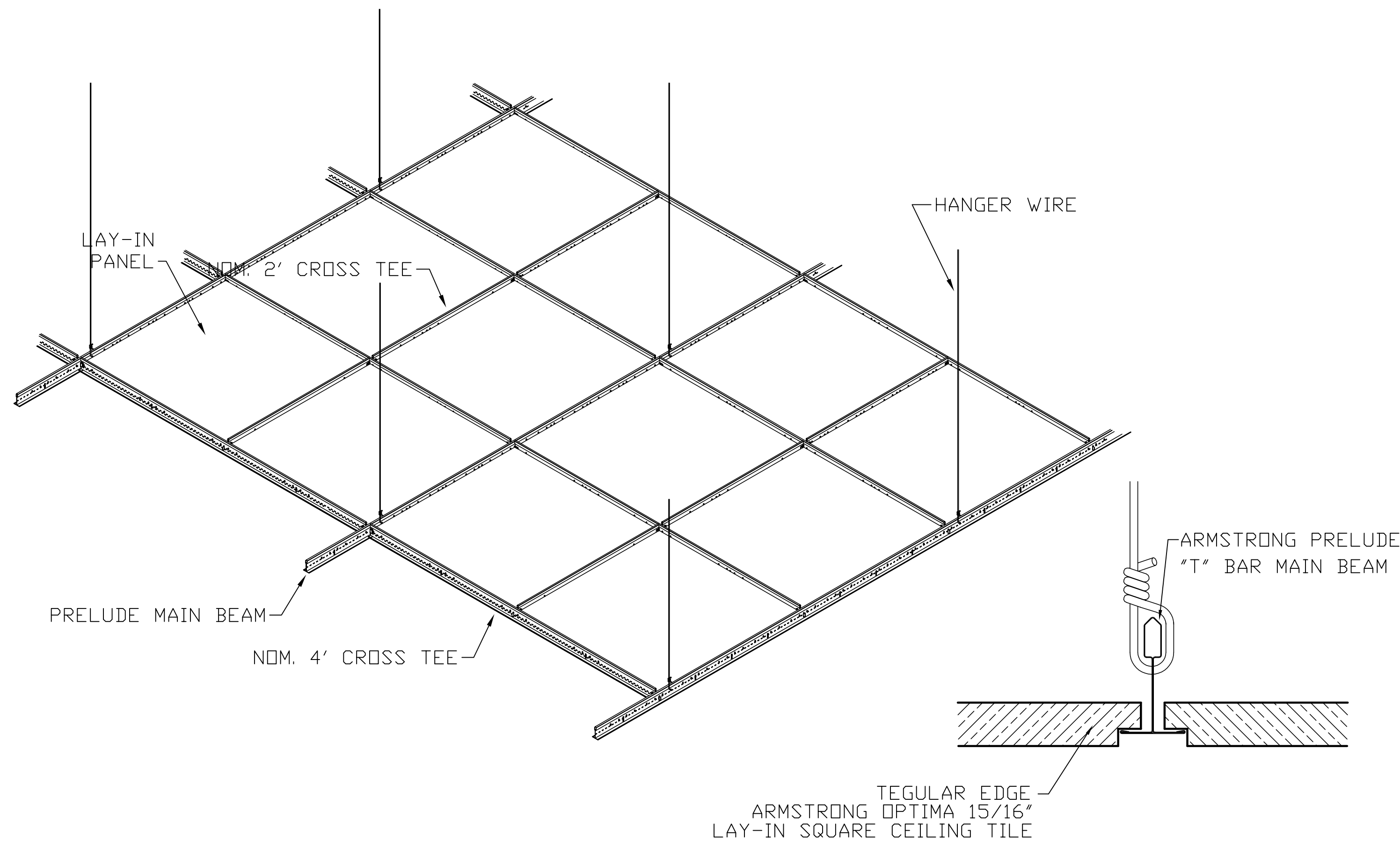
7 PERIMETER FRAMING DETAIL

Scale: 3"=1'-0"



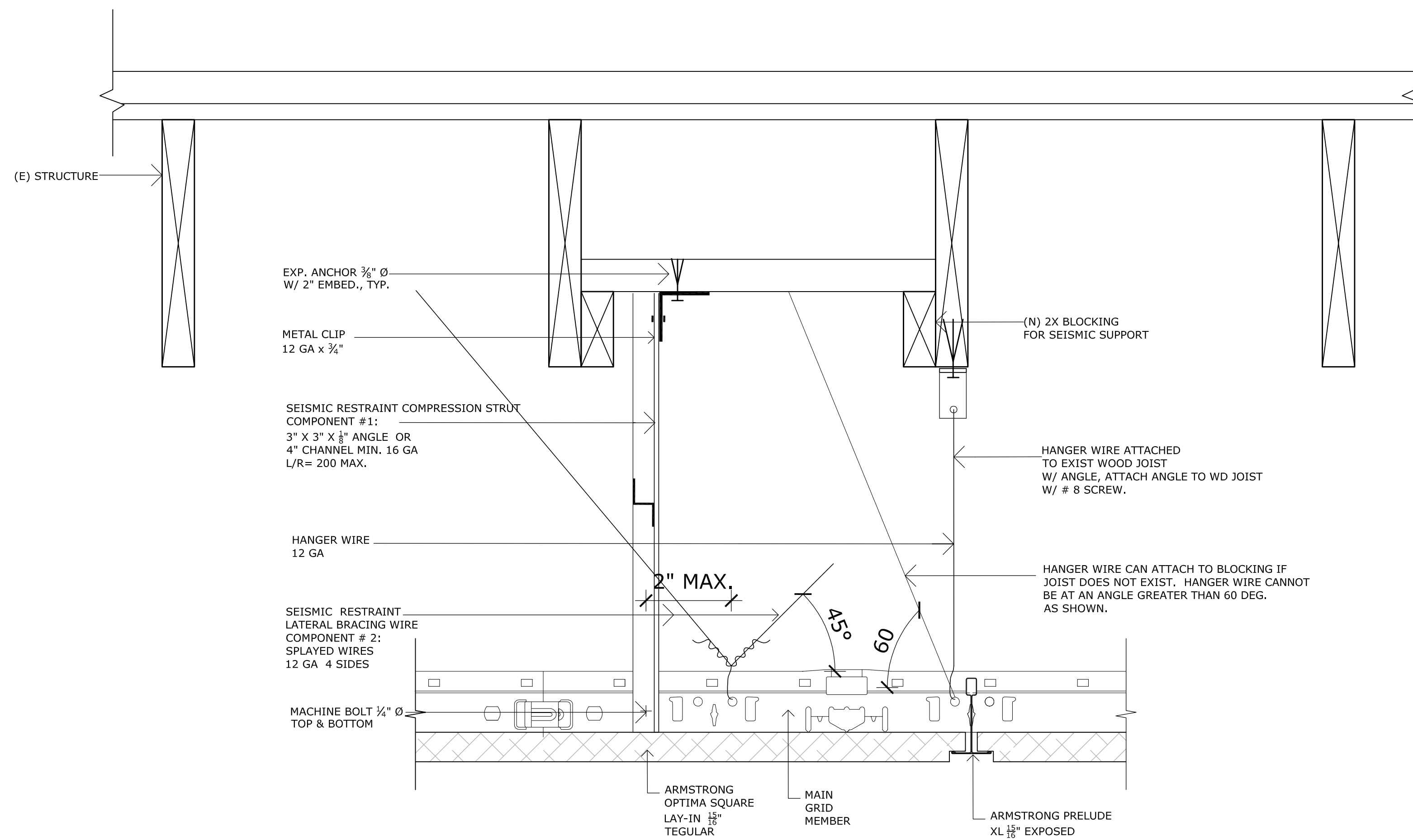
6 TYP CEILING FRAMING DETAILS

Scale: 3"=1'-0"



2 TYP. CEILING FRAMING LAYOUT

NOT TO SCALE



1 CEILING FRAMING DETAILS

Scale: 3"=1'-0"

FIXTURE SCHEDULE					
TYPE	DESCRIPTION & MANUFACTURER	LAMPS	INPUT WATTS W/ BALLAST	MOUNTING	REMARKS
L1	2'-0"x2'-0" LED TROFFER, WHITE ACRYLIC DIFFUSER, 120VOLT.	81LM/W 3500K	45	RECESSED	
L2	MAX LITE-FLATMAX EDGE-MLFP-22E4535 2'-0"x2'-0" FLUORESCENT TROFFER WHITE ACRYLIC LENS, 120VOLT.	(2)F17 T8 3500K	36	RECESSED	
L3	COLUMBIA: #J22217GFSOPEB8 DOWNLIGHT, WHITE BAFFLE, LOW PROFILE	(2)13W 3500K	28	RECESSED	
	LIGHTOLIER-LYTECASTER: #1105TWH-120V				

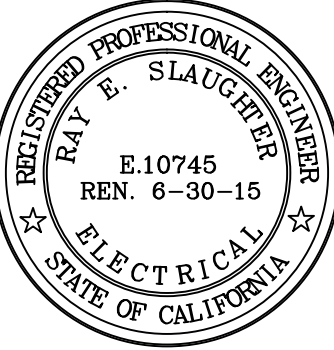
1 ALTERNATE TYPE L1:
2'-0"x2'-0" FLUORESCENT FIXTURE, PRISMATIC LENS, RECESSED
(2)2-32WATT U-BENT LAMPS.
COLUMBIA: #J22232U6GFS12EB8

SPECIFICATION NOTES

- ALL WORK SHALL CONFORM TO THE 2011 EDITION OF THE NATIONAL ELECTRICAL CODE, (NEC) LOCAL REGULATIONS AND ALL STATE AND MUNICIPAL CODES AND ORDINANCES. ALL EQUIPMENT USED SHALL BE UNDERWRITER LABORATORY (UL) LISTED.
- CIRCUITRY AND CONDUIT ROUTING SHOWN ON THE PLANS IS DIAGRAMMATIC ONLY. THE CONTRACTOR IS RESPONSIBLE FOR BECOMING COMPLETELY FAMILIAR WITH THE ARCHITECTURAL AND STRUCTURAL CONDITIONS AND LIMITATIONS WHICH WILL EXIST IN THE BUILDING AND TO PROVIDE ALL LABOR, TOOLS AND MATERIALS REQUIRED TO PRODUCE A COMPLETELY CONCEALED INSTALLATION WHEREVER INDICATED ON THE PLANS.
- THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL WORK WITH THE EXISTING MECHANICAL AND ARCHITECTURAL INSTALLATION. THE REQUIREMENTS OF ALL EQUIPMENT SHALL BE VERIFIED PRIOR TO THE INSTALLATION OF THE ELECTRICAL WORK.
- PROVIDE AND INSTALL COPPER GROUNDS AND BONDS PER THE NEC
- UPON COMPLETION OF THE WORK, THE INSTALLATION SHALL TEST FREE FROM GROUNDS AND SHORT CIRCUITS.
- ARCHITECTURAL BACKGROUNDS ARE SHOWN FOR REFERENCE ONLY. SHOULD ANY DISCREPANCIES EXIST BETWEEN THE ARCHITECTURAL INFORMATION SHOWN ON THE DRAWINGS AND ON THE "A" SERIES FLOOR PLANS THE "A" SERIES FLOOR PLANS TAKE PRECEDENCE.
- METAL CLAD CABLE FOR BRANCH CIRCUITS WITH COPPER CONDUCTORS AND GROUND WIRE, MINIMUM #12 AWG. INSTALLATION PER NEC.
- LIGHT FIXTURES COMPLETE WITH FITTINGS AND ALL COMPONENT PARTS, SEISMIC TIE LINES AT T-BAR GRID, AND LAMPS AT 3500K.
- SWITCHES, ENCLOSED, SPECIFICATION GRADE, DECOR STYLE. COLOR PER ARCHITECT.
- ALL FLUORESCENT FIXTURES TO HAVE ELECTRONIC PROGRAMMED RAPID START BALLAST OR RAPID START BALLAST. 3500K LAMPS.
- REFER TO ARCHITECTURAL DRAWINGS FOR DEMOLITION NOTES AND NEW INSTALLATIONS.
- MAINTAIN CIRCUITS TO ALL EXISTING LIGHT FIXTURES OUTSIDE CONSTRUCTION AREA.
- MAINTAIN ALL EXISTING EXIT FIXTURES AND EMERGENCY FIXTURES IN THE AREA OF CONSTRUCTION.
- A VISIT TO THE SITE SHALL BE MADE BEFORE SUBMITTING THE BID. NO EXTRA PAYMENT WILL BE MADE FOR WORK NOT COVERED ON THE PLANS AND IN THE SPECIFICATIONS IF SUCH WORK IS APPARENT FROM AN INSPECTION OF THE SITE AT THAT TIME.
- THE DRAWINGS ARE DIAGRAMMATIC AND ARE FOR THE ASSISTANCE AND GUIDANCE OF THIS SECTION. THE EXACT LOCATIONS, DISTANCES, ELEVATIONS, ETC. WILL BE GOVERNED BY THE BUILDINGS AND BY ACTUAL FIELD CONDITIONS.
- FURNISH, WITHOUT EXTRA CHARGE TO OWNER, ALL ADDITIONAL MATERIAL AND LABOR WHEN AND WHERE REQUIRED TO COMPLY WITH THESE RULES AND REGULATIONS, THOUGH THE WORK MAY BE NOT MENTIONED IN THESE SPECIFICATIONS OR SHOWN ON THE PLANS.
- WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE BEST PRACTICE OF THE TRADE AND SUBJECT TO THE APPROVAL OF THE OWNER.
- BECOME FAMILIAR WITH CONDITION AT JOB SITE AND WITH DRAWINGS AND SPECIFICATIONS AND PLAN THE INSTALLATION OF THE ELECTRICAL WORK TO CONFORM WITH CONDITIONS SHOWN AND SPECIFIED TO PROVIDE THE BEST POSSIBLE ASSEMBLY OF THE COMBINED WORK OF ALL TRADES.
- ANY CUTTING NECESSARY FOR THE INSTALLATION OF THE WORK UNDER THIS SECTION SHALL BE DONE AFTER HAVING SECURED APPROVAL FROM THE ARCHITECT. ALL PATCHING SHALL BE DONE TO THE SATISFACTION OF THE ARCHITECT.
- SHOULD THE OWNER REQUEST THAT ANY PORTION OF THE SYSTEMS OR EQUIPMENT INSTALLED UNDER THIS SECTION BE OPERATED PREVIOUS TO THE FINAL COMPLETION AND ACCEPTANCE OF THE WORK, SUCH OPERATION SHALL BE WITH THE CONSENT AND UNDER THE DIRECT SUPERVISION OF THE CONTRACTOR.
- ALL OPERATIONS UNDER THE CONTRACT SHALL BE SO PERFORMED THAT NO FIRE HAZARDS ARE NEEDLESSLY CREATED OR PERMITTED TO EXIST, AND PARTICULAR CARE SHALL BE EXERCISED WITH REGARD TO THE DISPOSITION OF WASTE MATERIALS, THE NATURE AND QUANTITY OF WHICH MIGHT CREATE OR INCREASE A FIRE HAZARD.
- WHERE MATERIALS, EQUIPMENT, APPARATUS, OR OTHER PRODUCTS ARE SPECIFIED BY MANUFACTURER, BRAND NAME, TYPE, OR CATALOG NUMBER SUCH DESIGNATION IS TO ESTABLISH STANDARDS OF DESIRED QUALITY AND STYLE AND SHALL BE THE BASIS OF THE BID. MATERIAL SO SPECIFIED SHALL BE FURNISHED UNDER THE CONTRACT UNLESS A CHANGE IS AUTHORIZED IN WRITING. ACCEPTANCE OR REJECTION OF THE PROPOSED SUBSTITUTIONS SHALL BE SUBJECT TO APPROVAL OF THE ENGINEER. IF REQUESTED BY THE OWNER, THE CONTRACTOR SHALL SUBMIT FOR INSPECTION SAMPLES OF BOTH THE SPECIFIED AND PROPOSED SUBSTITUTE ITEMS.
- INSPECT AND MAKE NECESSARY TEST WHICH THE OWNER MAY REQUEST TO INSURE THAT THE ELECTRICAL EQUIPMENT IS INSTALLED CORRECTLY AND THAT THE WIRING SYSTEMS ARE FREE OF ALL SHORT, GROUNDS AND FAULTY CONNECTIONS AND HAVE INSULATION RESISTANCE BETWEEN CONDUCTORS AND GROUNDS OF NOT LESS THAN THE REQUIREMENT OF THE NATIONAL ELECTRIC CODE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGES TO HIS WORK DURING CONSTRUCTION AND UNTIL EXPIRATION OF THE GUARANTEE PERIOD, EFFECTS OF NORMAL USAGE EXCEPTED. REPAIR ALL DAMAGE DUE TO FAULTY WORKMANSHIP, MATERIAL, EQUIPMENT, LEAKING PIPES, OR OTHER LIKE CAUSES. ALL DAMAGED PORTIONS OF THE BUILDING, EXISTING OR NEW, SURFACE OR IMPROVEMENTS, FURNISHING EQUIPMENT, OR MATERIALS SHALL BE RESTORED TO ITS ORIGINAL CONDITION.
- ALL MATERIALS SHALL BE NEW, OF THE BEST QUALITY, AND SHALL BE APPROVED BY THE UNDERWRITERS' LABORATORIES AND EACH LENGTH SHALL BEAR THE U.L. LABEL.
- OUTLET BOXES FOR CONDUIT SYSTEMS:
 - SURFACE BOXES: ONE PIECE GALVANIZED PRESSED STEEL, 4" SQUARE, 1-1/2" DEEP, MINIMUM.
 - FLUSH BOXES FOR RECEPACLES AND SWITCHES SHALL BE ONE PIECE GALVANIZED PRESSED STEEL 4" SQUARE, 1 1/2" DEEP, MINIMUM WITH PLASTER RINGS.
 - FLUSH BOXES FOR LIGHTING OUTLETS SHALL BE ONE PIECE GALVANIZED PRESSED STEEL 4" OCTAGON, 1 1/2" DEEP, MINIMUM. PROVIDE 3/8" FIXTURE STUDS WHERE REQUIRED.
- SWITCHES SHALL BE TOTALLY ENCLOSED, QUITE TYPE RATED 20AMP, 125VOLTS, SPECIFICATION GRADE, CONVENTIONAL STYLE. HUBBELL, ARROW-HART, AND LEVITON OR EQUAL. SUBMIT IN MATERIAL LIST.
- PLATES SHALL BE GANG TYPE WHERE TWO OR MORE DEVICES ARE INSTALLED AT ONE LOCATION. INDIVIDUAL OR GANGABLE PLATES ARE NOT ACCEPTABLE. COLOR PER ARCHITECT.
- FIXTURES SHALL BE COMPLETE WITH FITTINGS AND COMPONENT PARTS TO MAKE COMPLETE INSTALLATION, INCLUDE LAMPS OF TYPE AND WATTAGE CALLED FOR.
- THE CONTRACTOR SHALL COORDINATE THE ELECTRICAL WORK WITH THE WORK OF OTHER TRADES. THE CONTRACTOR SHALL NOT BE REIMBURSED FOR ANY WORK INSTALLED BUT NOT USABLE DUE TO IMPROPER COORDINATION OF WORK.
- LOCAL CODES: PRIOR TO INSTALLING ANY WORK, THE CONTRACTOR SHALL REVIEW THE JOB WITH THE LOCAL ELECTRICAL INSPECTOR AND BRING ANY SPECIAL REQUIREMENTS TO THE ATTENTION OF THE ENGINEER. SPECIAL REQUIREMENTS OF LOCAL CODES SHALL BE INCLUDED AS PART OF THIS WORK.

SYMBOL LIST

SYMBOL	DESCRIPTION	REMARKS
L1	LIGHT FIXTURE DESIGNATION, SEE FIXTURE SCHEDULE	MOUNTING PER FIXTURE SCHEDULE ↓
	FLUORESCENT FIXTURE	
	DOWNLIGHT	+42" U.O.N.
\$a	SPST TOGGLE SWITCH, LETTER ADJACENT INDICATES FIXTURE OR LAMP SWITCHED	
\$3	3-WAY TOGGLE SWITCH	+42" U.O.N.
	JUNCTION BOX	
1	NUMBERED SHEET NOTE DESIGNATION	
U.O.N.	UNLESS OTHERWISE NOTED	
C.O.	CONDUIT ONLY WITH PULLWIRE	
A.F.F.	ABOVE FINISHED FLOOR	
(E)	EXISTING	
(N)	NEW	
℄	CENTER LINE	



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OWNER:

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PROJECT:

CITY HALL: CEILING REPAIR
420 LITHO STREET
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SHEET TITLE:

**SYMBOL LIST,
SPECIFICATION
NOTES, FIXTURE
SCHEDULE AND
SHEET INDEX**

JOB NO. 1372

SCALE

DATE 10/25/13
04/02/14

SHEET INDEX

E0.1	SYMBOL LIST, SPECIFICATION NOTES, FIXTURE SCHEDULE AND SHEET INDEX
E0.2	INTERIOR TITLE 24
E1.1	FLOOR PLAN LIGHTING

E0.1

SHEET
OF

INDOOR LIGHTING ALLOWANCE		LGTG-3C	
Project Name: CITY OF SAUSALITO		Date: 10-28-13	
ALLOWED LIGHTING POWER (Chose One Method)			
A Separate LGTg-3C must be filled out for Conditioned and Unconditioned Spaces. Indoor Lighting Power Allowances Listed On this page are only for:			
☐ CONDITIONED SPACES		☐ UNCONDITIONED SPACES	

COMPLETE LIGHTING METHOD			
BUILDING CATEGORY (From §146 Table 146-E)	WATTS PER (ft²)	X	COMPLETE BLDG. AREA = ALLOWED WATTS
TOTALS			AREA WATTS

AREA CATEGORY METHOD-Part A			
AREA CATEGORY (From §146 Table 146-F)	B WATTS PER (ft²)	X	C AREA (ft²) = D ALLOWED WATTS
MULTI-USE ROOMS MEETINGS	1.4		2228 3119
RESTROOM/HALLWAY	0.6		539 323
OFFICE-LESS THAN 250SF EA.	1.1		320 352
MAIN LOBBY	1.5		224 337
TOTALS			3311 AREA 4131 WATTS

AREA CATEGORY METHOD-Part B				Additional Wattage Allowance (from Table 146-F Footnotes)	
Primary Function	A Sq Ft	B C' Additional Watts Per ft² Allowed	D Wattage Allowance (B x C)	E Description(s) and Quantity of Special Luminare ² Types in each Primary Function Area	F Total Design Watts
TOTALS-Enter into Area Category Method-Part A (table above)					G ALLOWED WATTS Smaller of D or F

¹Additional watts available only when allowed according to the footcandles on bottom of Table 146-F for chandelier or sconce.
²air, craft, assembly or manufacturing specialized task work, precision commercial industrial work, or lab specialized task work.
 Special luminaires are light fixtures described in the Table 146-F Footnotes that are subject to an additional wattage allowance.

TAILORED METHOD	
Total Allowed Watts using the Tailored Method taken from LGTg-4C (Page 1 of 4) Row 3	
The indoor lighting power allowance using the Tailored Method of compliance shall be determined using the LGTg-4C set of forms. A separate set of LGTg-4C forms shall be filled out for CONDITIONED and UNCONDITIONED spaces	

CERTIFICATE OF COMPLIANCE (Page 3of4) LTG-1C				
Project Name: CITY OF SAUSALITO		Date: 10-28-13		
INDOOR LIGHTING SCHEDULE and FIELD INSPECTION ENERGY CHECKLIST				
Fill in controls for all spaces: a) area controls, b) multi-level controls, c) manual daylighting controls for daylight areas> 250ft ² , automatic daylighting controls for daylight areas> 2,500ft ² , d) shut-off controls, e) display lighting controls, f) taskered lighting controls-general lighting controlled separately from display, ornamental and display lighting and g) demand responsive automatic controls for retail stores> 50,000ft ² , in accordance with Section 131.				
MANDATORY LIGHTING CONTROLS-FIELD INSPECTION ENERGY CHECKLIST			Field Inspector	
Type/Description	Number of Units	Location in Building	Pass	Fail
			☐	☐
			☐	☐
			☐	☐
			☐	☐
			☐	☐
			☐	☐
			☐	☐
			☐	☐
			☐	☐
			☐	☐
			☐	☐
			☐	☐
			☐	☐
			☐	☐
			☐	☐

Field Inspector's Notes or Discrepancies:

CERTIFICATE OF COMPLIANCE (Page 1 of 4) LTG-13	
Project Name: Date: 10-28-13	
Project Address: 420 LITHO STREET SAUSALITO, CA Climate Zone:	
Building Type: ☒ Nonresidential ☐ High-Rise Residential ☐ Hotel/Motel	
☐ Schools ☐ Relocatable Public Schools ☐ Conditioned Spaces ☐ Unconditioned Spaces	
Phase of Construction: ☐ New Construction ☐ Addition ☒ Alteration	
Method of Compliance: ☐ Complete Building ☒ Area Category ☐ Tailored	
Declaration Author's Declaration Statement: I certify that the Certificate of Compliance documentation is accurate and complete.	
Name: RAY E SLAUGHTER Signature:	
Company: RESA Date:	
Address: 3820 CYPRESS DRIVE, SUITE 1 # applicable: CBA # CEPE #	
City/State/Zip: PETALUMA, CALIFORNIA 94954 Phone: (707)762-3310	
Principal Lighting Designer's Declaration Statement - I am eligible under Division 3 of the California Business and Professions Code to accept responsibility for lighting design. - This Certificate of Compliance identifies the Lighting features and performance specifications required for compliance with Title 24, pages 1 and 6 of the California Code of Regulations. - This design features represented on this Certificate of Compliance are consistent with the information provided to document this design on the other applicable compliance forms, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.	
Name: RAY E SLAUGHTER Signature:	
Company: RESA Phone: (707)762-3310	
Address: 3820 CYPRESS DRIVE, SUITE 1 License # E10745	
City/State/Zip: PETALUMA, CALIFORNIA 94954 Date: 6-30-2015	
Lighting Mandatory Measures Indicate update on building plans of Mandatory Measures Note Block:	
LIGHTING COMPLIANCE FORMS & WORKSHEETS (check box if worksheet is included)	
For detailed instructions on the use of this and all Energy Efficiency Standards compliance forms, please refer to the Nonresidential Manual published by the California Energy Commission.	
☒ LTG-1C Pages 1 through 4 Certificate of Compliance. All pages required on plans for all submittals.	
☒ LTG-2C Lighting Controls Credit Worksheet	
☒ LTG-3C Indoor Lighting Power Allowance	
☐ LTG-5C Pages 1 through 4 Tailored Method Worksheet	
☐ LTG-5C Pages 1 and 2 Line Voltage Track Lighting Worksheet	

MANDATORY MEASURE NOTES

- ☐ BUILDING LIGHTING SHUT-OFF
The building lighting shut-off system consists of an automatic time switch, with a zone for each floor.
- ☐ OVERRIDE FOR BUILDING LIGHTING SHUT-OFF
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 square feet.
- ☒ AUTOMATIC CONTROL DEVICES CERTIFIED
All automatic control devices are certified, all alternate equipment shall be certified and installed as directed by the manufacturer.
- ☒ FLUORESCENT BALLAST AND LUMINARIES CERTIFIED
All fluorescent fixtures specified for the project are certified and listed in the Appliance Efficiency Standards Directory. All installed fixtures shall be certified.
- ☐ TANDEM WIRING FOR TWO-LAMP BALLASTS
All one and three lamp fluorescent fixtures are tandem wired with (2) lamp ballast where required by the California Energy Efficiency Standards, Non-Residential, Article #132.
- ☒ INDIVIDUAL ROOM/AREA CONTROLS
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.
- ☒ UNIFORM REDUCTION FOR INDIVIDUAL ROOMS
All rooms and areas greater than 100 square feet and more than 1.2 watts per square foot of lighting load is controlled with bi-level switching for uniform reduction of lighting within the room.
- ☐ DAYLIT AREA CONTROL
All rooms with windows and skylights, that are greater than 250 square feet, and that allow for the effective use of daylight in the area shall have 50% of the lamps in each daylight area controlled by a separate switch.
- ☐ CONTROL OF EXTERIOR LIGHTS
Exterior mounted fixtures and service from the electrical panel inside the building are controlled with a directional photocell control on the roof or celestial timeclock and a corresponding relay in the electrical panel.

ELECTRICAL CONTRACTOR SHALL PROVIDE FULL DOCUMENTATION WITH CERTIFICATE OF COMPLIANCE, INCLUDING COMPLETION CERTIFICATE OF ACCEPTANCE FORMS.

[illegible]

CERTIFICATE OF COMPLIANCE											
(Page 2 of 4) LITING-1C											
INDOOR LIGHTING SCHEDULE AND FIELD INSPECTION ENERGY CHECKLIST											
Project Address: 420 LITHO STREET									Date: 10-28-13		
Installation Certificate, LTG-I INST (Retain a copy and verify is completed and signed.)									Field Inspector ☐		
Certificate of Acceptance, LTG-2A & LTG-3A (Retain a copy and verify is completed and signed.)									Field Inspector ☐		
A separate Lighting Schedule Must Be Filled Out For Conditioned and Unconditioned Spaces Installed Lighting Power listed on this Lighting Schedule is only for ☒ CONDITIONED SPACE ☐ UNCONDITIONED SPACE											
☒ The actual indoor lighting power listed below includes all installed permanent and portable lighting systems in accordance with § 146(a)											
☐ Only for offices: Up to the first 0.2 watts per square foot of portable lighting shall not be required to be included in the calculation of actual indoor lighting power density in accordance with the Exception to § 146(a). All portable lighting in excess of 0.2 watts per square foot is totaled below.											
Luminaire Schedule (Type, Lamps, Ballasts)		Installed Watts									
Name or Description	B	C	D	E		F	G	H			
			Watts per Luminaire ¹	CEC Default (or N/A)	According to §130 (if 0 or 0.0)	Number of Luminaires	Wattage (Watts) (G.F.)	max	min		
L1	2X2 LED TROFFER	☐	45	☐	☒	49	245	☐	☐		
L2	2X2 FLUORESCENT TROFFER	☐	36	☐	☒	10	360	☐	☐		
L3	DOWNLIGHT 13W CFL (2)	☐	28	☐	☐	56		☐	☐		
		☐		☐	☐			☐	☐		
		☐		☐	☐			☐	☐		
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		☐		☐	☐			☐			

REGISTERED PROFESSIONAL ENGINEER
RAY E. SLAUGHTER
E.10745
REN. 6-30-15
ELECTRICAL
STATE OF CALIFORNIA

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OWNER:

CITY OF SAUSALITO
420 LITHO STREET
SAUSALITO, CA 94965

PROJECT:

CITY HALL: CEILING REPAIR
420 LITHO STREET
SAUSALITO, CA 94965

SHEET TITLE:

**INTERIOR
TITLE 24**

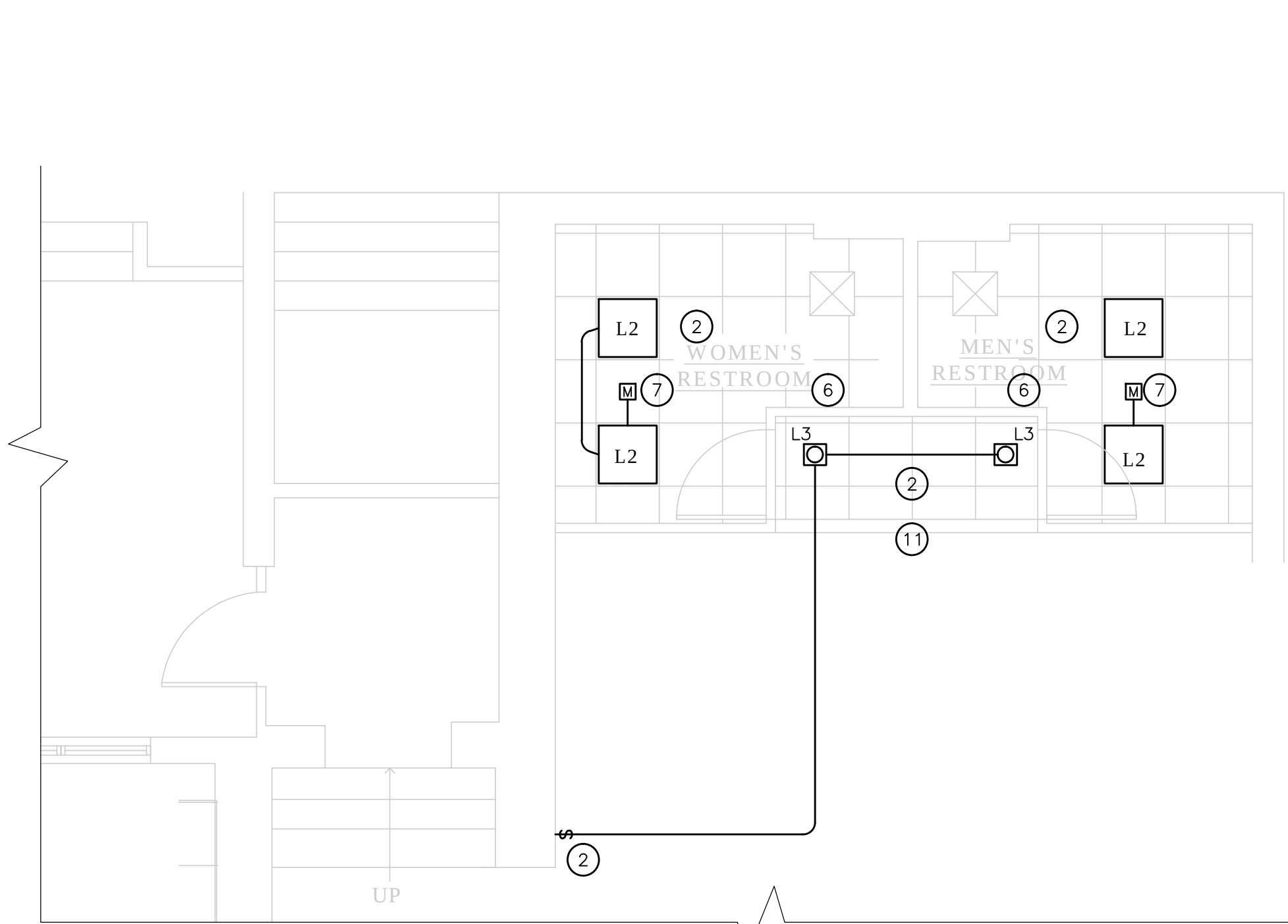
JOB NO. 1372

SCALE

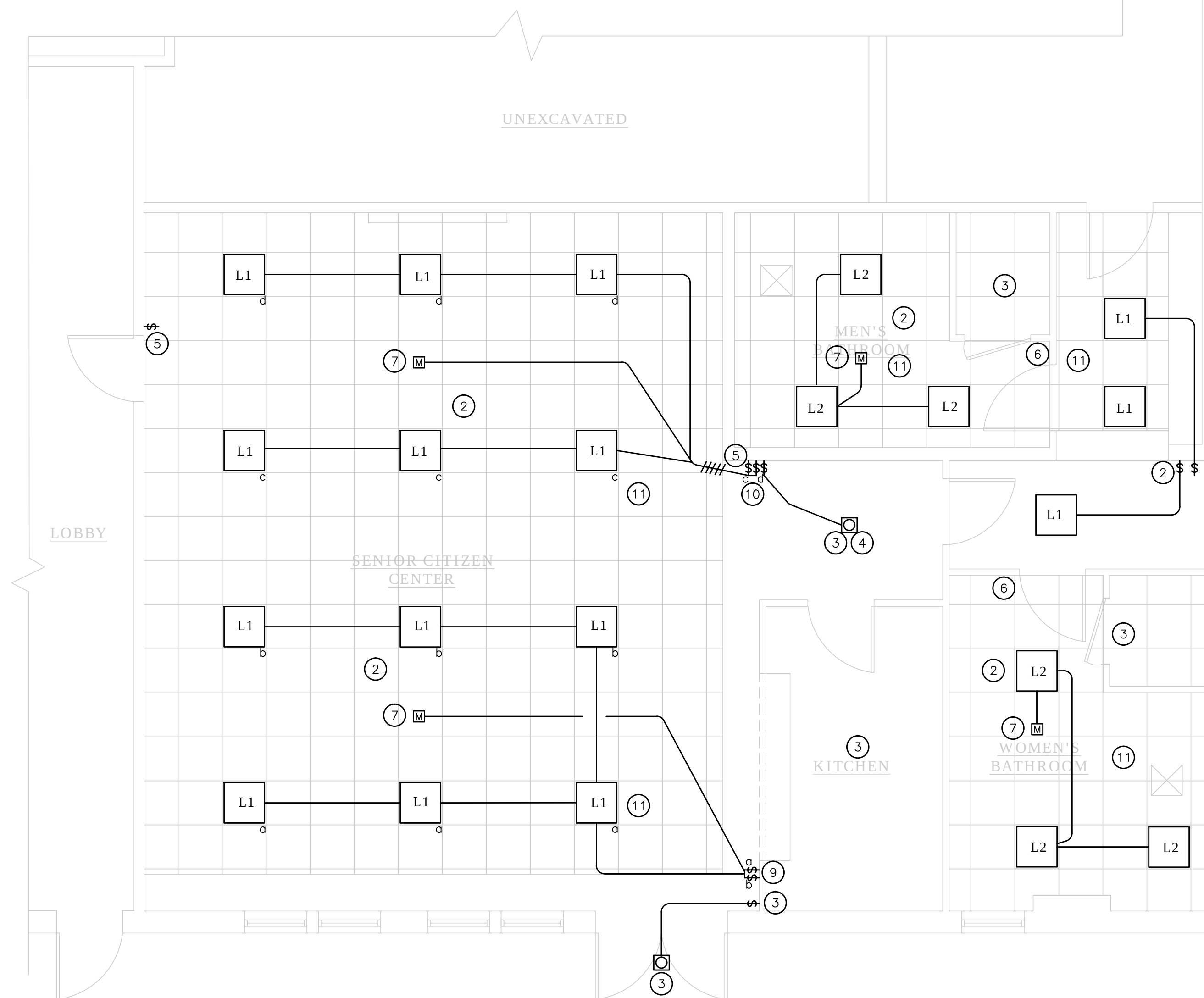
DATE 10/25/13
04/02/14

E 0.2

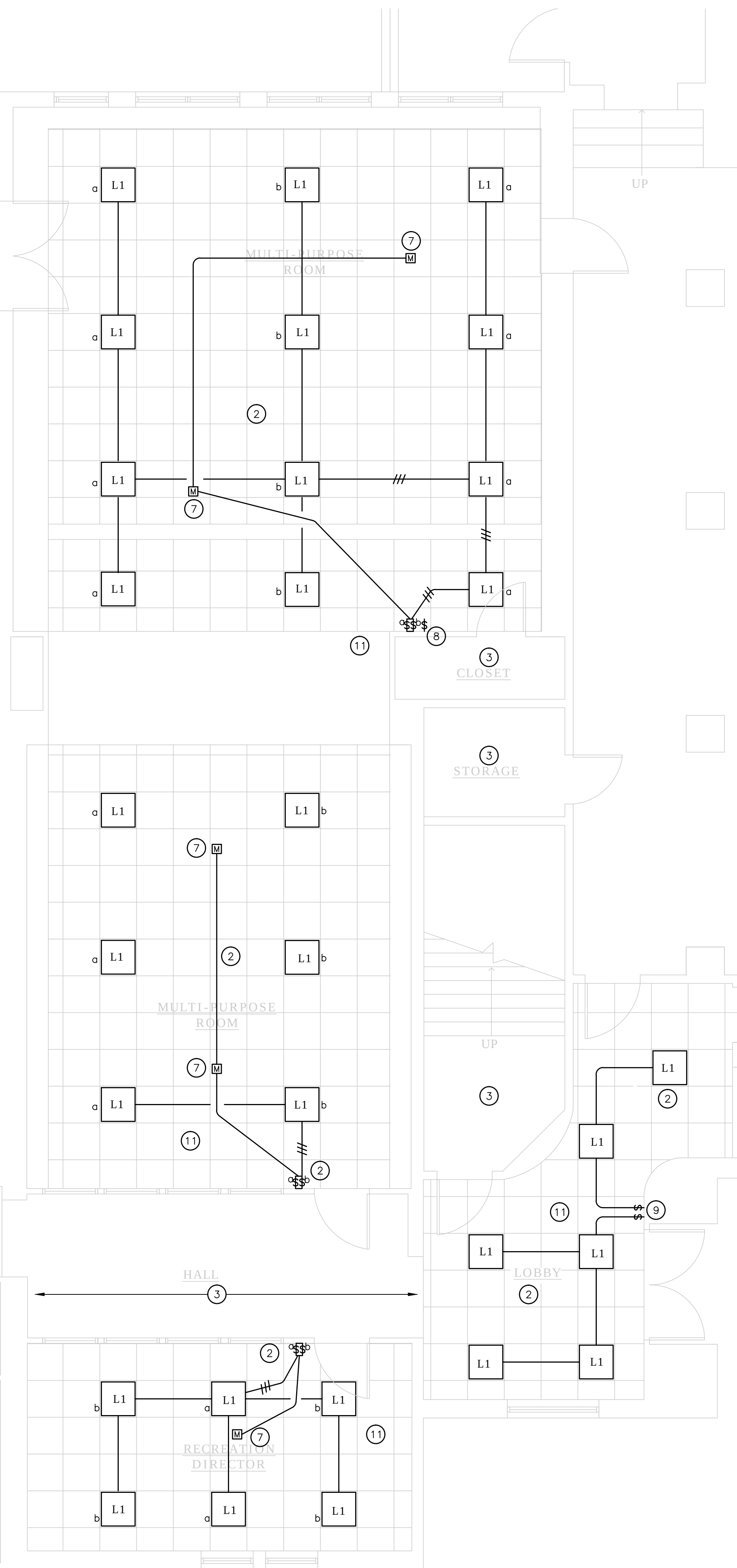
SHEET
OF



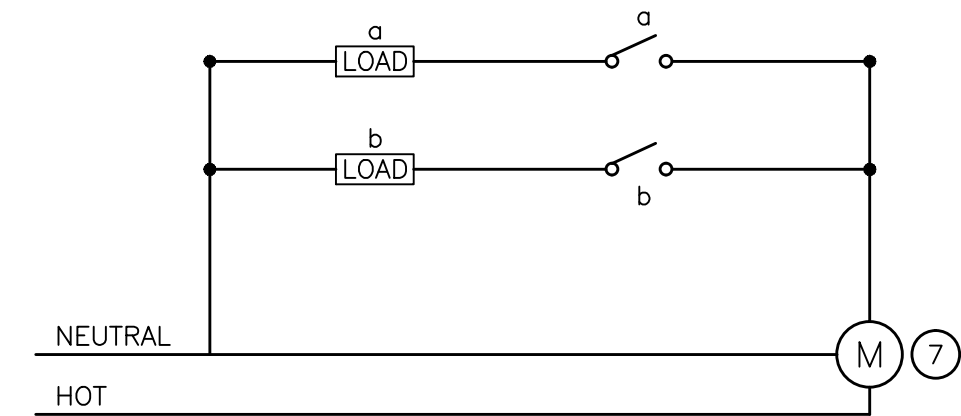
2 PARTIAL BASEMENT FLOOR PLAN LIGHTING
E1.1 SCALE: 1/4"=1'-0"



1 BASEMENT FLOOR PLAN LIGHTING
E1.1 SCALE: 1/4"=1'-0"

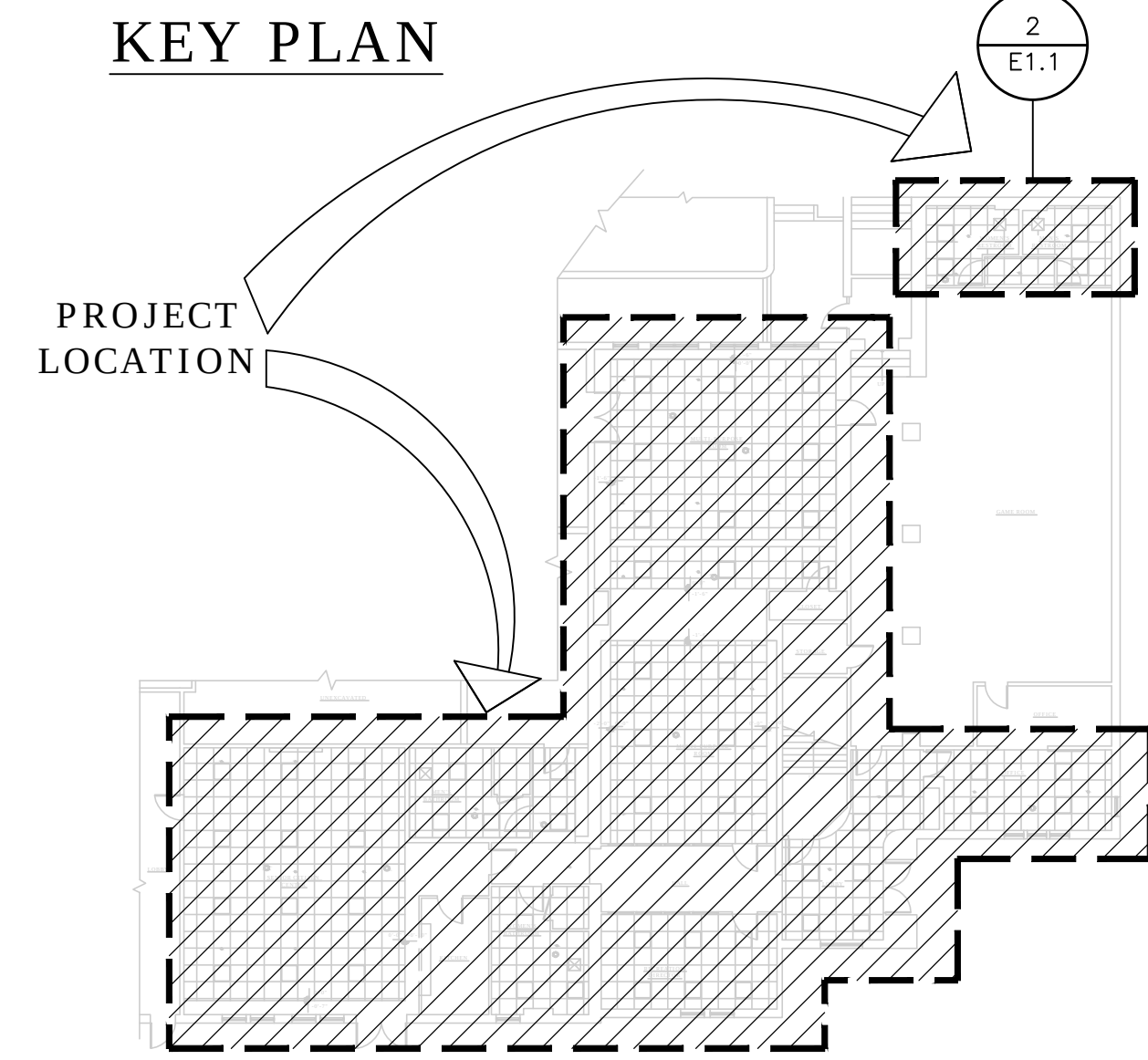


- ### SHEET NOTES
- 1 REFER TO ARCHITECT DEMOLITION DRAWINGS AND CEILING PLANS FOR CONSTRUCTION NOTES
 - 2 REUSE EXISTING LIGHTING CIRCUITS AND LIGHT SWITCHES UNLESS NOTED OTHERWISE
 - 3 EXISTING TO REMAIN
 - 4 RELAMP EXISTING FIXTURE
 - 5 REMOVE 3 WAY SWITCH TO SPOT LIGHTS. REMOVE SPOT LIGHTS INSTALL BLANK COVER PLATE.
 - 6 REMOVE LIGHT SWITCH, INSTALL NEW COVER PLATE FOR EXHAUST FAN SWITCH ONLY.
 - 7 CEILING OCCUPANCY SENSOR WATTSTOPPER, #UT-355 REUSE EXISTING LIGHTING CIRCUIT.
 - 8 REMOVE DOWNLIGHT SWITCH INSTALL NEW COVER PLATE FOR TWO NEW LIGHT SWITCHES.
 - 9 REMOVE EXISTING, INSTALL NEW SWITCHES.
 - 10 INSTALL NEW SWITCHES FOR 2X2 FIXTURES AND HALL DOWNLIGHT.
 - 11 REMOVE EXISTING LIGHT FIXTURES, MAINTAIN EXISTING LIGHTING CIRCUITS.



3 WIRING SCHEMATIC
E1.1

KEY PLAN



REGISTERED PROFESSIONAL ENGINEER
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REN: 6-30-15
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SAUSALITO, CA 94965

SHEET TITLE:
FLOOR PLAN LIGHTING

JOB NO. 1372
SCALE
DATE 10/25/13
04/02/14

E1.1
SHEET OF