36" x 48" Arch E, QUIET SIZE

DEPT OF BLDGS 121263025 Job Number
E-DOB-YB250786 Scan Code

NYC Buildings

EN1: Energy Cost Budget Worksheet

Must be typewritten.

Do Not Submit Separately. Must be incorporated in the drawing set.

1 Location Information *Required for all applications.*

House No(s) 221 Street Name West 57th Street

Borough Manhattan Block 1029 Lot 14 BIN 1080870 CB No. 105

Work on Floor(s) SC3 thru 93 Apt/Condo No(s) n/a

2 Applicant Information *Required for all applications.*

Last Name McHugh First Name Christopher Middle Initial

Business Name AKF Group Business Telephone 646-758-0900

Business Address 1501 Broadway, Suite 700 Business Fax

City New York State NY Zip 10036 Mobile Telephone

E-Mail License Number 73130

Energy Model Inputs

NYS approved energy model software: eQUEST v3.64

Envelope	Proposed Design Input	Budget (Standard Design) Input
Above-grade wall U-factor	0.182	0.054
Below-grade wall U-factor	0.04	0.04
Roof construction U-factor	0.05	0.048
Exterior floor U-factor	0.04	0.04
Slab-on-grade construction (yes/no)	No	No
Window-to-gross wall ratio	0.405	0.397
Average fenestration assembly U-factor	0.411	0.508
Average fenestration assembly SHGC	0.314	0.4
Fixed shading devices (yes/no)	No	No
Automated movable shading devices (yes/no)	No	No
Lighting		
Average ambient lighting power density (W/SF)	0.8837	0.9271
Lighting occupant sensor controls (yes/no)	No	No
Automatic daylighting controls (yes/no)	No	No
Exterior lighting power (tradable surfaces) (kW)	6.00	6.10
Exterior lighting power (non-tradable surfaces) (kW)	55.56	55.56
Heating, Ventilating & Air Conditioning		
Refrigeration equipment type	Retail: VAV units w Air Cooled Chillers / BOH, Amenities: Pkgd VAV units w Water Cooled Condenser / Residential: PTHP units and Heat Recovery Ventilation Units	Retail: Pkgd VAV units w Air Cooled Condenser / BOH, Amenities: VAV units with Chillers / Residential: PTHP units and Heat Recovery Ventilation Units
Heating equipment type	Retail: Boilers / Amenities, BOH: Pkgd units w Heat Pump Heating / Residential: PTHP units, HW baseboard and Heat Recovery Ventilation Units	Retail: Boilers / Amenities, BOH: Pkgd units with Heat Pump Heating / Residential: PTHP units, HW baseboard and Heat Recovery Ventilation Units
Demand controlled ventilation (yes/no)	No	No
Economizer type (air or water)	Air	Air
Domestic hot water heating source	Retail - Electric / Residential - Hot Water	Retail - Electric / Residential - Hot Water

01/11

EN1 PAGE 2

Unregulated Energy	Proposed Design Input	Budget (Standard Design) Input
Average Receptacle equipment power density (W/SF)	0.397	0.397
Average Unregulated lighting power density (W/SF)	N/A	N/A
Other process loads	Elevators - 209 kW fluctuating with anticipated occupancy throughout day	Elevators - 209 kW fluctuating with anticipated occupancy throughout day

Energy Cost Budget Conformance	Proposed Design Output	Budget (Standard Design) Output
Annual Regulated Energy Cost ($)	3,278,658	3,573,947
Annual Regulated Energy Use (BTU/GSF)	70,116	71,769
Annual Regulated Energy Cost Per Sq. Ft. ($/GSF)	2.746	2.993

Energy Model Output Breakdown

Energy Use Breakdown	Proposed Design Output (% BTU/yr)	Budget (Standard Design) Output (% BTU/yr)
Heating	24	33
Cooling	12	15
Heat rejection	0	0
Fans	15	9
Pumps	16	11
Lighting	16	15
Unregulated loads (e.g., plug loads, elevators, escalators, kitchen, process equipment, exterior lighting)	16	16
Total	100%	100%

Falsification of any statement is a misdemeanor under § 26-124 of the NYC Administrative Building Code and is punishable by a fine or imprisonment, or both. It is unlawful to give to a city employee, or for a city employee to accept, any benefit, monetary or otherwise, either as a gratuity for properly performing the job or in exchange for special consideration. Violation is punishable by imprisonment or fine or both.

Name (please print) Christopher McHugh

Signature

STATE OF NEW YORK · CHRISTOPHER G. MCHUGH · 073139 · LICENSED PROFESSIONAL ENGINEER

P.E. / R.A. Seal *(apply seal, then sign and date over seal)*

01/11

	Inspection/Test	Periodic (minimum)	Reference Standard (See ECC Chapter 6) or Other Criteria	ECC or Other Citation	This Inspection Required YES	NO
IIA	**Envelope Inspections**					
IIA1	**Protection of exposed foundation insulation:** Insulation shall be visually inspected to verify proper protection where applied to the exterior of basement or cellar walls, crawl-space walls and/or the perimeter of slab-on-grade floors.	As required during foundation work and prior to backfill	Approved construction documents	303.2.1; ASHRAE 90.1 – 5.8.1.7	●	○
IIA2	**Insulation placement and R-values:** Installed insulation for each component of the conditioned space envelope and at junctions between components shall be visually inspected to ensure that the R-values are marked, that such R-values conform to the R-values identified in the construction documents and that the insulation is properly installed. Certifications for unmarked insulation shall be similarly visually inspected.	As required to verify continuous envelope while walls, ceilings and floors are open	Approved construction documents	303.1, 303.1.1, 303.1.2, 502.1, 502.2; ASHRAE 90.1 – 5.5, 5.6 or 11; 5.8.1	●	○
IIA3	**Fenestration thermal values and product ratings:** U-factors and SHGC values of installed fenestration shall be visually inspected for conformance with the U-factors and SHGC values identified in the construction drawings by verifying the manufacturer's NFRC labels or, where not labeled, using the ratings in ECC Tables 303.1.3(1), (2) and (3). Where ASHRAE 90.1 is used, visible light transmittance values shall also be verified	As required during installation	Approved construction documents; NFRC 100; NFRC 200	303.1, 303.1.3, 502.3; ASHRAE 90.1 – 5.5, 5.6 or 11; 5.8.2	●	○
IIA4	**Fenestration and door assembly product ratings for air leakage:** Windows and sliding or swinging door assemblies, except site-built windows and/or doors, shall be visually inspected to verify that installed assemblies are listed and labeled by the manufacturer to the referenced standard. For curtain wall, storefront glazing, commercial entrance doors and revolving doors, the testing reports shall be reviewed to verify that the installed assembly complies with the standard cited in the approved plans.	As required during installation; prior to final construction inspection	NFRC 400, AAMA/WDMA/CSA 101/I.S.2/A440 ASTM E283; ANSI/DASMA 105	502.4; ASHRAE 90.1 –5.4.3.2	●	○
IIA5	**Fenestration areas:** Dimensions of windows, doors and sky/lights shall be verified by visual inspection.	Prior to final construction inspection	Approved construction documents	502.3; ASHRAE 90.1 – 5.5.4, 5.6 or 11	●	○
IIA6	**Sealing:** Openings and penetrations in the building envelope, including site-built fenestration and doors, shall be visually inspected to verify that a continuous air barrier around the envelope forms an air-tight enclosure. The progress inspector shall visually inspect to verify that materials and/or assemblies have been tested and meet the requirements of the respective standards, or that the building is tested and meets the requirements of the standard, in accordance with the standard(s) cited in the approved plans.	As required during construction	Approved construction documents; ASTM E2178, ASTM E2357, ASTM E1677, ASTM E779, ASTM E283.	502.4.3; 502.4.7; ASHRAE 90.1 – 5.4.3.1	●	○
IIA7	**Projection factors:** Where the energy analysis utilized a projection factor > 0, the projection dimensions of overhangs, eaves or permanently attached shading devices shall be verified for conformance with approved plans by visual inspection.	Prior to final construction inspection	Approved construction documents, including energy analysis	502.3; ASHRAE 90.1 – 5.5.4, 5.6 or 11	○	●
IIA8	**Loading dock weatherseals:** Weatherseals at loading docks shall be visually verified.	Prior to final construction inspection	Approved construction documents	502.4.5; ASHRAE 90.1 – 5.4.3.3	●	○
IIA9	**Building entrance vestibules:** Required entrance vestibules shall be visually inspected for proper operation.	Prior to final construction inspection	Approved construction documents	502.4.6; ASHRAE 90.1 – 5.4.3.4	●	○
IIB	**Mechanical and Service Water Heating Inspections**					
IIB1	**Fireplaces:** Provision of combustion air and tight-fitting fireplace doors shall be verified by visual inspection.	Prior to final construction inspection	Approved construction documents; ANSI Z21.60 (see also MC 904), ANSI Z21.50	303.1.5; IC 2111; MC Chapters 7, 9; FGC Chapter 6	○	●
IIB2	**Outdoor air intakes and exhaust openings:** Dampers for stair and elevator shaft vents and other outdoor air intakes and exhaust openings integral to the building envelope shall be visually inspected to verify that such dampers, except where permitted to be gravity dampers, comply with approved construction drawings. Manufacturer's literature shall be reviewed to verify that the product has been tested and found to meet the standard.	As required during installation	Approved construction documents; AMCA 500D	502.4.4; ASHRAE 90.1 – 6.4.3.4	●	○
IIB3	**HVAC, service water heating and pool equipment sizing and performance:** Equipment sizing, efficiencies and other performance factors of all major equipment units, as determined by the applicant of record, and no less than 15% of minor equipment units, shall be verified by visual inspection and, where necessary, review of manufacturer's data. Pool heaters and covers shall be verified by visual inspection.	Prior to final plumbing and construction inspection	Approved construction documents	503.2, 504.2, 504.7; ASHRAE 90.1 – 6.3, 6.4.1, 6.4.2, 6.8, 7.4, 7.8	●	○
IIB4	**HVAC system controls and economizers and service hot water system controls:** No less than 20% of each type of required controls and economizers shall be verified by visual inspection and tested for functionality and proper operation. Such controls shall include, but are not limited to: • Thermostatic • Set point overlap restriction • Off-hour • Shutoff damper • Snow-melt system • Demand control systems • Outdoor heating systems • Zones • Economizers • Air systems • Variable air volume fan • Hydronic systems • Heat rejection equipment fan speed • Complex mechanical systems serving multiple zones • Ventilation • Energy recovery systems • Hot gas bypass limitation • Temperature	After installation and prior to final electrical and construction inspection, except that for controls with seasonally dependent functionality, such testing shall be performed before sign-off for issuance of a Final Certificate of Occupancy	Approved construction documents, including control system narratives; ASHRAE Guideline 1: The HVAC Commissioning Process where applicable	503.2.4, 503.2.5.1, 503.2.11, 503.3, 503.4, 504.3, 504.6, 504.7; ASHRAE 90.1 – 6.3, 6.4, 6.5, 6.7.2.4, 7.4.4, 7.4.5	●	○
	• Service water heating • Hot water system • Pool heater and time switches • Exhaust hoods • Radiant heating systems. **Controls with seasonally dependent functionality:** Controls whose complete operation cannot be demonstrated due to prevailing weather conditions typical of the season during which progress inspections will be performed shall be permitted to be signed off for the purpose of a Temporary Certificate of Occupancy with only a visual inspection, provided, however, that the progress inspector shall perform a supplemental inspection where the controls are visually inspected and tested for functionality and proper operation during the next immediate season thereafter. The owner shall provide full access to the progress inspector within two weeks of the progress inspector's request for such access to perform the progress inspection. For such supplemental inspections, the Department shall be notified by the approved progress inspection agency of any unresolved deficiencies in the installed work within 180 days of such supplemental inspection.					
IIB5	**Duct, plenum and piping insulation and sealing:** Installed duct and piping insulation shall be visually inspected to verify proper insulation placement and values. Joints, longitudinal and transverse seams and connections in ductwork shall be visually inspected for proper sealing.	After installation and prior to closing shafts, ceilings and walls	Approved construction documents; SMACNA Duct Construction Standards, Metal and Flexible	503.2.7, 503.2.8, 504.5; ASHRAE 90.1 – 6.5, 6.4.4.2, 6.8.2, 6.8.3; 7.4.3	●	○
IIB6	**Air leakage testing for high-pressure duct systems:** For duct systems designed to operate at static pressures in excess of 3 inches w.g. (746 Pa), representative sections, as determined by the progress inspector, totaling at least 25% of the duct area, per ECC 503.2.7.1.3, shall be tested to verify that actual air leakage is below allowable amounts.	After installation and sealing and prior to closing shafts, ceilings and walls	Approved construction documents; SMACNA HVAC Air Duct Leakage Test Manual	503.2.7.1.3; ASHRAE 90.1 – 6.4.4.2	●	○
IIC	**Electrical Power and Lighting Systems**					
IIC1	**Electrical metering:** The presence and operation of individual meters or other means of monitoring individual apartments shall be verified by visual inspection for all apartments.	Prior to final electrical and construction inspection	Approved construction documents	505.7	●	○
IIC2	**Lighting in dwelling units:** Lamps in permanently installed lighting fixtures shall be visually inspected to verify compliance with high-efficacy requirements.	Prior to final electrical and construction inspection	Approved construction documents	505.5.3	●	○
IIC3	**Interior lighting power:** Installed lighting shall be verified for compliance with the lighting power allowance by visual inspection of fixtures, lamps, ballasts and transformers.	Prior to final electrical and construction inspection	Approved construction documents	505.5; ASHRAE 90.1 –9.1, 9.2, 9.5, 9.6; 1RCNY §101-07(c)(3)(v)(C)4	●	○
IIC4	**Exterior lighting:** Installed lighting shall be verified for compliance with source efficacy and/or the lighting power allowance by visual inspection of fixtures, lamps, ballasts and relevant transformers.	Prior to final electrical and construction inspection	Approved construction documents	505.6; ASHRAE 90.1 – 9.4.4, 9.4.5; 1RCNY §101-07(c)(3)(v)(C)4	●	○
IIC5	**Lighting controls:** Each type of required lighting controls, including: • occupant sensors • manual interior lighting controls • light-reduction controls • automatic lighting shut-off • daylight zone controls • sleeping unit controls • exterior lighting controls shall be verified by visual inspection and tested for functionality and proper operation.	Prior to final electrical and construction inspection	Approved construction documents, including control system narratives	505.2, 505.2.2.2; ASHRAE 90.1 – 9.4.1, 9.4.1.2 (as modified by section ECC A102)	●	○
IIC6	**Exit signs:** Installed exit signs shall be visually inspected to verify that the label indicates that they do not exceed maximum permitted wattage.	Prior to final electrical and construction inspection	Approved construction documents	505.4; ASHRAE: 90.1 – 9.4.3	●	○
IIC7	**Tandem wiring:** Tandem wiring shall be tested for functionality.	Prior to final electrical and construction inspection	Approved construction documents	505.3; ASHRAE 90.1 – 9.4.2	●	○
IIC8	**Electric motors (including but not limited to fan motors):** Where required by the construction documents for energy code compliance, motor listing or labels shall be visually inspected to verify that they comply with the respective energy requirements in the construction documents.	Prior to final electrical and construction inspection	Approved construction documents	503.2.10; ASHRAE 90.1 – 10.4	●	○
IID	**Other**					
IID1	**Maintenance information:** Maintenance manuals for mechanical, service hot water and electrical equipment and systems requiring preventive maintenance shall be reviewed for applicability to installed equipment and systems before such manuals are provided to the owner. Labels required for such equipment or systems shall be inspected for accuracy and completeness.	Prior to sign-off or issuance of Final Certificate of Occupancy	Approved construction documents, including electrical drawings where applicable; ASHRAE Guideline 4: Preparation of Operating and Maintenance Documentation for Building Systems	303.3, 503.2.9.3; ASHRAE 90.1 – 4.2.2.3, 6.7.2.2, 8.7.2	●	○

KEY PLAN:

PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
401 Wellington St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
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100 Church Street
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40 Worth Street. Suite 826
New York, NY 10013
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LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	DOB SUBMISSION	19 DEC 2014
2	DOB SUBMISSION	27 APR 2015
3	DOB AMENDMENT 2	18 SEP 2015

0 4'-0" 8'-0" 16'-0"

NOT FOR BID / CONSTRUCTION

Discrepancies must be reported immediately to the Architect before proceeding. Only figured dimensions are to be used. Contractors must check all dimensions on site. This drawing is protected by copyright.

ALL DIMENSIONS ARE SHOWN IN IMPERIAL.

CONSULTANT:
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ONE LIBERTY PLAZA, 165 BROADWAY, 22nd FLOOR
NEW YORK, NY 10006
T: 212.354.5656 F: 212.354.5668
Arlington | Boston | Mexico City | Minneapolis | New York
Philadelphia | Pittsburgh | Portland | Richmond | Stamford

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ENERGY CODE COMPLIANCE & TR-8 ENERGY CODE PROGRESS INSPECTION

SEAL & SIGNATURE:

STATE OF NEW YORK · CHRISTOPHER G. MCHUGH · 073139 · LICENSED PROFESSIONAL ENGINEER

DATE: 12/16/14
PROJECT No: Y130747-000
DRAWN: Author
CHK: Checker
SCALE: 12" = 1'-0"
REV: 1
DWG No: **EN-100.01**
DOB PAGE No: 1 of 1

DOB EMPLOYEE STAMP:

DOB B-SCAN:

COMPLIANCE WITH ECCC–NYS NOTE:

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2011 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE, USING THE ASHRAE 90.1 ALTERNAME (LISTED IN NYCECC, 501.2).

FILE NAME: C:\Revit Local Files\Y130747-000-AKF-995_MEP15-CENTRAL_jlangner.rvt
PLOT DATE: 9/23/2015 4:55:13 PM

36" x 48" Arch E - SHEET SIZE

DEPT OF BUILDINGS 13 13 2 0 2 5 0 5 Job Number
E 3 5 0 5 4 7 0 5 5 Scan Code

ELECTRICAL SYMBOLS LIST

LIGHTING SYMBOLS

CABLE MOUNTED LED INDUSTRIAL FLOODLIGHT
'A' = FIXTURE TYPE
'a' = CONTROLLED BY SWITCH 'a'
NS = NOT SWITCHED
NL = NIGHT LIGHT

SIMILAR TO ABOVE, EXCEPT SUPPLIED WITH 90-MINUTE EMERGENCY BACKUP BATTERY PACK
'A' = FIXTURE TYPE
'a' = CONTROLLED BY SWITCH 'a'

CABLE MOUNTED LED INDUSTRIAL FLOODLIGHT ON EMERGENCY LIFE SAFETY CIRCUIT
'A' = FIXTURE TYPE
'a' = CONTROLLED BY SWITCH 'a'

WALL MOUNTED LED LIGHT FIXTURE
'A' = FIXTURE TYPE
'a' = CONTROLLED BY SWITCH 'a'
NS = NOT SWITCHED
NL = NIGHT LIGHT

FLUORESCENT STRIP FIXTURE-TYPE AS NOTED
'A' = FIXTURE TYPE
'a' = CONTROLLED BY SWITCH 'a'

SIMILAR TO ABOVE, EXCEPT SUPPLIED WITH 90-MINUTE EMERGENCY BACKUP BATTERY PACK
'A' = FIXTURE TYPE
'a' = CONTROLLED BY SWITCH 'a'

UNDERCABINET LIGHT FIXTURE
'A' = FIXTURE TYPE

RECESSED CEILING MOUNTED FIXTURE
'A' = FIXTURE TYPE
'a' = CONTROLLED BY SWITCH 'a'

SIMILAR TO ABOVE, EXCEPT SUPPLIED WITH 90-MINUTE EMERGENCY BACKUP BATTERY PACK
'A' = FIXTURE TYPE
'a' = CONTROLLED BY SWITCH 'a'

ACCENT LIGHT OR WALL WASHER
'A' = FIXTURE TYPE
'a' = CONTROLLED BY SWITCH 'a'

WALL MOUNTED LIGHT FIXTURE
'A' = FIXTURE TYPE
'a' = CONTROLLED BY SWITCH 'a'

SIMILAR TO ABOVE, EXCEPT SUPPLIED WITH 90-MINUTE EMERGENCY BACKUP BATTERY PACK
'A' = FIXTURE TYPE
'a' = CONTROLLED BY SWITCH 'a'

CEILING MOUNTED EXIT LIGHT; TYPE 'X' - DIRECTIONAL ARROWS WHERE INDICATED - SHADED AREAS INDICATE ILLUMINATED FACE/FACES

WALL MOUNTED EXIT LIGHT; TYPE 'X' - DIRECTIONAL ARROWS WHERE INDICATED - SHADED AREAS INDICATE ILLUMINATED FACE/FACES

EMERGENCY BATTERY LIGHT UNIT
'A' = FIXTURE TYPE

REMOTE LIGHT HEADS FOR EMERGENCY BATTERY LIGHT UNIT TYPE AS NOTED

LIGHT TRACK-TYPE 'A' WITH TRACK MOUNTED FIXTURE TYPE 'B'

EXTERIOR BOLLARD LIGHT FIXTURE
'A' = FIXTURE TYPE

EXTERIOR LIGHTING FIXTURE (BRACKET TYPE)
'A' = FIXTURE TYPE

ALL EXIT SIGNS TO BE TYPE:
LITHONIA LQ-LTHG-1-SW (LRP-W)
ATLITE AUX SERIES (AUXAWHB)
OR APPROVED EQUAL

ALL EXTERIOR EXIT SIGNS TO BE TYPE:
ATLITE X SERIES (XLA1-BSRI-V)

ARCHITECT TO COORDINATE LETTERS, BACKGROUNDS, AND FINISH OF EXIT SIGNS. ALL EXIT SIGNS REQUIRE RED LETTERING. ALL EXTERIOR EXIT SIGNS REQUIRE 8" LETTERS. ALL EXIT SIGNS TO BE 277V, SINGLE POINT OF CONNECTION.

POWER SYMBOLS

SINGLE POLE SWITCH
2 = DOUBLE POLE
3 = THREE-WAY
4 = FOUR-WAY
a = CONTROLLING OUTLET 'a'
D = DOOR
K = KEY OPERATED
MO = MOMENTARY CONTACT
T = TIME SWITCH
P = PILOT LIGHT
3P = THREE-WAY PILOT LIGHT
VS = VACANCY SENSOR

DISCONNECT SWITCH - TOGGLE TYPE WITH THERMAL OVERLOAD - 277V HP RATED

DISCONNECT SWITCH - TOGGLE TYPE MOTOR RATED, 20A, 1P, U.O.N.

WALL DIMMER - TYPE 'A'
NUMBER INDICATES WATTAGE RATING

OCCUPANCY SENSOR, CEILING MOUNTED

OCCUPANCY SENSOR, WALL MOUNTED

INTENSITY CONTROL

PHOTO CONTROL SWITCH

TIME CLOCK - TYPE 'A'

TRANSFORMER

20A, 125V DUPLEX RECEPTACLE - FLUSH WALL MOUNTED
TP = TAMPER PROOF
XP = EXPLOSION PROOF
RC = RECESSED

20A, 125V QUADRUPLEX RECEPTACLE - FLUSH WALL MOUNTED

20A, 125V ISOLATED GROUND, DUPLEX RECEPTACLE. FLUSH FLOOR MOUNTED, CONTROLLED FROM WALL SWITCH 'a'

20A, 125V DUPLEX RECEPTACLE FLUSH WALL MOUNTED. GFI TYPE.

20A, 125V EMERGENCY DUPLEX RECEPTACLE. FLUSH WALL MOUNTED

SINGLE RECEPTACLE - FLUSH WALL MOUNTED

a	=	NEMA 5-15R, 1P	k	=	NEMA L5-30R, 1P
b	=	NEMA 5-20R, 1P	l	=	NEMA L5-50R, 1P
c	=	NEMA 5-30R, 1P	m	=	NEMA L6-15R, 1P
d	=	NEMA 5-50R, 1P	n	=	NEMA L6-20R, 1P
e	=	NEMA 6-15R, 1P	o	=	NEMA L6-30R, 1P
f	=	NEMA 6-20R, 1P	p	=	NEMA L6-50R, 1P
g	=	NEMA 6-30R, 1P	q	=	NEMA L14-15R, 1P
h	=	NEMA 6-50R, 1P	r	=	NEMA L14-20R, 1P
i	=	NEMA L5-15R, 1P	s	=	NEMA L14-30R, 1P
j	=	NEMA L5-20R, 1P	t	=	NEMA L14-50R, 1P

SINGLE ISOLATED RECEPTACLE

COMBINATION WALL SWITCH AND DUPLEX RECEPTACLE - FLUSH WALL MOUNTED IN SINGLE BOX

20A, 125V DUPLEX RECEPTACLE SURFACE MOUNTED.

20A, 125V SURGE SUPPRESSION DUPLEX RECEPTACLE. FLUSH WALL MOUNTED

FLUSH FLOOR MOUNTED JUNCTION BOX OR POKE-THRU FOR ELECTRIFIED FURNITURE POWER FEED.
C = VOICE/DATA FEED

20A, 125V DUPLEX RECEPTACLE FLUSH FLOOR MOUNTED.

20A, 125V QUADRUPLEX RECEPTACLE FLUSH FLOOR MOUNTED.

SPECIAL PURPOSE RECEPTACLE - FLUSH WALL MOUNTED
A = INDICATES TYPE

SPECIAL PURPOSE RECEPTACLE - FLUSH FLOOR MOUNTED
A = INDICATES TYPE

PLUG-IN SURFACE METAL RACEWAY - LETTER INDICATES TYPE - WITH SPECIAL PURPOSE RECEPTACLES WHERE INDICATED

PEDESTAL MOUNTED 20A, 125V DUPLEX RECEPTACLE

PEDESTAL MOUNTED 20A, 125V QUADRUPLEX RECEPTACLE

PEDESTAL MOUNTED JUNCTION BOX OR POKE-THRU FOR ELECTRIFIED FURNITURE POWER FEED.

PEDESTAL MOUNTED SPECIAL PURPOSE RECEPTACLE
LETTER INDICATES TYPE

PEDESTAL MOUNTED COMBINATION VOICE/DATA & POWER OUTLET

HOMERUN-NUMERAL WHERE USED INDICATES CIRCUIT NUMBER FOR REFERENCE ONLY.
3/12-1/#12G FOR ONE CKT. HOMERUN, U.O.N.
3/12+1/#12G 3/4"C FOR TWO CKT. HOMERUN, U.O.N.
4/12+1/#12G 3/4"C FOR THREE CKT. HOMERUN, U.O.N.

HOMERUN
- NUMERAL WHERE USED INDICATES CIRCUIT NUMBER FOR REFERENCE ONLY.
- TEXT WHERE USED INDICATED CIRCUIT NUMBERS AND WIRE SIZES FOR REFERENCE ONLY.
(PANEL NAME)/(CIRCUIT NUMBER(S))
()-HOT CONDUCTOR, ()-NEUTRAL, ()-NGROUND

PANEL#1,3,5
3/#12, 1-#12, 1-#12

DIMMER ZONE HOMERUN

MOTOR CONTROLLER

COMBINATION MOTOR CONTROLLER AND DISCONNECT SWITCH SWITCH AMPS/P OF POLES, VOLTAGE RATING AS REQUIRED

UNFUSED DISCONNECT SWITCH
SWITCH AMPS/P OF POLES, VOLTAGE RATING AS REQUIRED

FUSED DISCONNECT SWITCH: SWITCH AMPS/FUSE AMPS/ #OF POLES, VOLTAGE RATING AS REQUIRED

CIRCUIT BREAKER - MOLDED CASE TYPE
100 AMP FRAME / 90 AMP TRIP
LT = LONG TIME SETTING
ST = SHORT TIME SETTING
I = INSTANTANEOUS SETTING

NETWORK PROTECTOR
2000 AMP FRAME / 1600 AMP TRIP

DIGITAL MULTIMETER

MEDIUM VOLTAGE CIRCUIT BREAKER
200A CAPACITY

MEDIUM VOLTAGE CIRCUIT BREAKER
DRAW OUT TYPE - 200A CAPACITY

CURRENT TRANSFORMER
NUMBER AND RATIO AS INDICATED

FUSED SWITCH
100 AMP SWITCH - 90 AMP TYPE 'FA' FUSE

HOOKSWITCH FUSE - 125A EXPULSION FUSE

CURRENT LIMITER

LIGHTNING ARRESTOR WITH GROUND CONNECTION

CAPACITOR

REACTOR

COMBINATION MOTOR CONTROLLER AND FUSED DISCONNECT SWITCH; SWITCH AMPS/FUSE AMPS/# OF POLES, VOLTAGE RATING & STARTER SIZE AS REQ'D

COMBINATION MOTOR CONTROLLER AND CIRCUIT BREAKER TRIP AMPS / # OF POLES, VOLTAGE RATING & STARTER SIZE AS REQ'D

SINGLE LINE DIAGRAM SYMBOLS

POWER TRANSFORMER
VOLTAGES, WINDINGS AND SIZE AS INDICATED

AUTOMATIC TRANSFER SWITCH
ATS = AUTOMATIC TRANSFER
MTS = MANUAL TRANSFER
POLES AND RATING AS NOTED

MOTOR

GENERATOR

GROUND CONNECTION

FUSED SWITCH
100 AMP SWITCH - 90 AMP TYPE 'FA' FUSE

UNFUSED SWITCH - 100 AMP SWITCH

CIRCUIT BREAKER - DRAW OUT TYPE
100 AMP FRAME / 90 AMP TRIP

LIGHTNING PROTECTION

LIGHTNING ROOF AIR TERMINAL WITH COUNTERPOISE CABLE
T = TRIPOD

LIGHTNING DOWN CONDUCTOR

LIGHTNING GROUND ROD ON COUNTERPOISE

MISCELLANEOUS SYMBOLS

AQUASTAT

PRESSURE SWITCH

KEY INTERLOCK

THERMOSTAT

SOLENOID VALVE

RELAY

MOTORIZED VALVE

FLOAT SWITCH

FLOW SWITCH

ELECTRIC REHEAT COIL

FAN COIL UNIT

LOCAL CONTROL PANEL

REMOTE CONTROL PANEL

POST INDICATOR VALVE

CABINET UNIT HEATER

COMPUTER ROOM UNIT-AIR CONDITIONER

REMOTE CONTROL SWITCH

GROUND FAULT INTERRUPTER

VARIABLE AIR VOLUME BOX

PUSH BUTTON
K = KEY OPERATED
H = HOLD UP
P = PANIC

SECTION A-A

FEEDER DESIGNATION
H = 480V
L = 208V
A = SWITCHBOARD 'A'
1 = FEEDER NUMBER ONE

VOICE/DATA/P.A. SYMBOLS

WALL MOUNTED PUBLIC ADDRESS SPEAKER
D = DUAL HORN

CEILING MOUNTED PUBLIC ADDRESS SPEAKER
D = DUAL HORN

VOICE & DATA OUTLET LOCATION WITH 3/4" CONDUIT TERMINATED IN A 90 DEG. BEND 6" INTO NEAREST ACCESSIBLE CEILING

VOICE OUTLET LOCATION WITH 3/4" CONDUIT TERMINATED IN A 90 DEG. BEND 6" INTO NEAREST ACCESSIBLE CEILING
P = PUBLIC
F = FAX

DATA OUTLET LOCATION WITH 3/4" CONDUIT TERMINATED IN A 90 DEG. BEND 6" INTO NEAREST ACCESSIBLE CEILING

TELEVISION OUTLET LOCATION WITH 3/4" CONDUIT TERMINATED IN A 90 DEG. BEND 6" INTO NEAREST ACCESSIBLE CEILING

AUDIO VISUAL OUTLET - FLUSH WALL MOUNTED

FLOOR MICROPHONE OUTLET

MICROPHONE OUTLET - FLUSH WALL MOUNTED

VOLUME CONTROL - FLUSH WALL MOUNTED

PEDESTAL MOUNTED VOICE OUTLET

VOICE OUTLET - FLUSH FLOOR MOUNTED

PEDESTAL MOUNTED DATA OUTLET

DATA OUTLET - FLUSH FLOOR MOUNTED

PEDESTAL MOUNTED DATA AND VOICE OUTLET

DATA AND VOICE OUTLET - FLUSH FLOOR MOUNTED

SURFACE MOUNTED TELEPHONE TERMINAL CABINET

FLUSH MOUNTED TELEPHONE TERMINAL CABINET

ELECTRICAL ABBREVIATIONS

+	SPECIAL MOUNTING HEIGHT. COORDINATE LOCATION WITH ARCHITECTURAL ELEVATIONS
1P	SINGLE POLE
2P	TWO POLE
3P	THREE POLE
A	AMPERE
AC	ABOVE COUNTER
ACB	AIR CIRCUIT BREAKER
AFF	ABOVE FINISHED FLOOR
AIC	AMPERE INTERRUPTING CAPACITY
AL	ALUMINUM
ALM	ALARM
AMM	AMMETER
AQST	AQUASTAT
ARF	ABOVE RAISED FLOOR
ASYM	ASYMMETRICAL
ATS	AUTOMATIC TRANSFER SWITCH
AUTO	AUTOMATIC
AV	AUDIO VISUAL
AWG	AMERICAN WIRE GAUGE
BG	BREAK GLASS SWITCH
BIL	BASIC IMPULSE LEVEL
BLDG	BUILDING
C	CONDUIT
CAB	CABINET
CAT	CATALOG
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CKT	CIRCUIT
CL	CENTER LINE
CLG	CEILING
CLOS	CLOSET
CO	CONDUIT ONLY
COMM	COMMUNICATION
CONN	CONNECTED
CONT	CONTINUATION
CT	CURRENT TRANSFORMER
CTL	CONTROL
CU	COPPER
CUH	CABINET UNIT HEATER
DB	DECIBEL
DE	DOUBLE ENDED SUBSTATION
DEG	DEGREE
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DISC	DISCONNECT
DIV	DIVISION
DN	DOWN
DP	DISTRIBUTION PANEL BOARD
DT	DUST TIGHT
DWG	DRAWING
°C	DEGREE CELSIUS
°F	DEGREE FAHRENHEIT
(E)	EXISTING TO REMAIN
(ER)	EXISTING TO BE REMOVED
(ERR)	EXISTING TO BE REMOVED AND RELOCATED
E.C.	EMPTY CONDUIT
EA	EACH
EC	ELECTRICAL CONTRACTOR
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
EMER,EM	EMERGENCY
EQUIP	EQUIPMENT
ERC	ELECTRIC REHEAT COIL
EWC	ELECTRIC WATER COOLER
EXIST.,EX	EXISTING
EXT	EXTERIOR
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FAP	FIRE ALARM ANNUNCIATOR PANEL
FBO	FURNISHED BY OTHER DIVISION OF WORK
FCU	FAN COIL UNIT
FDR	FEEDER
FDS	FUSED DISCONNECT SWITCH
FIXT	FIXTURE
FL	FL
FLA	FULL LOAD AMPERES
FLEX	FLEXIBLE
FLUOR	FLUORESCENT
FM	FLOOR MACHINE
FRZ	FREEZER
FSP	FAN SHUTDOWN PANE;
FT	FEET OR FOOT
G	GROUND
GEN	GENERATOR
GFI	GROUND FAULT INTERRUPTER
HC	HUNG CEILING
HH	HAND HOLE
HID	HIGH INTENSITY DISCHARGE
HN	HALF NEUTRAL
HP	HORSE POWER
HV	HIGH VOLTAGE
HZ	HERTZ
IC	INTERRUPTING CAPACITY
ID	INSIDE DIAMETER
IG	ISOLATED GROUND
INCAND	INCANDESCENT
INST	INSTRUMENT
IPC	ISOLATED POWER CENTER
IPX	ISOLATED POWER CENTER X-RAY
JB	JUNCTION BOX
KCMIL	THOUSAND CIRCULAR MILS
KV	KILOVOLT
KVA	KILOVOLT AMPERE
KW	KILOWATT
KWH	KILOWATT HOUR
LCP	LOCAL CONTROL PANEL
LIM	LINE ISOLATION MONITOR
LTG	LIGHTING
MAP	MECHANICAL ALARM PANEL
MAX	MAXIMUM
MCA	MINIMUM CIRCUIT AMPERES
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MDP	MAIN DISTRIBUTION PANEL
MECH	MECHANICAL
MER	MECHANICAL EQUIPMENT ROOM
MFS	MAIN FUSED SWITCH
MH	MANHOLE
MIC	MICROPHONE
MIN	MINIMUM
MLO	MAIN LUG ONLY
MOPD,MOCP	MAXIMUM OVERCURRENT PROTECTION
MTD	MOUNTED
MTG	MOUNTING
MTS	MANUAL TRANSFER SWITCH
MUFS	MAIN UNFUSED SWITCH
N	NEUTRAL
NIC	NOT IN CONTRACT
NO	NORMALLY CLOSED
NO	NORMALLY OPEN
NP	NETWORK PROTECTOR
NTS	NOT TO SCALE
OC	ON CENTER
OCB	OIL CIRCUIT BREAKER
OD	OUTSIDE DIAMETER
P	POLE
PA	PUBLIC ADDRESS
PAP	PLUMBING ALARM PANEL
PB	PULL BOX
PBS	PUSH BUTTON SWITCH
PHC	PIPE HEATING CABLE
PNL	PANEL
PR	PRINTER
PS	PRESSURE SWITCH
PT	POTENTIAL TRANSFORMER
PWR	POWER
#	PHASE
(RE)	RELOCATED EXISTING
(RRO)	EXISTING TO BE REMOVED AND RETURN TO OWNER
RCS	REMOTE CONTROL SWITCH
RDCP	REMOTE DATA COLLECTION PANEL
RECEPT,REC	RECEPTACLE
REF	REFRIGERATOR
REQ	REQUIRED
RFL	RAISED FLOOR
RG	ROOM GROUND POINT
RM	ROOM
RO	RACEWAY ONLY
RP	REFERENCE GROUND POINT
SAP	SPRINKLER ALARM PANEL
SBST	SUBSTATION
SCHED,SCH	SCHEDULE
SD	SMOKE DETECTOR
SDP	SMOKE DETECTION PANEL
SE	SINGLE ENDED SUBSTATION
SECT	SECTION
SIG	SIGNAL
SN	SOLID NEUTRAL
SP	SINGLE POLE
SPEC	SPECIFICATION
SPNLR	SPRINKLER
SPKR	SPEAKER
SV	SOLENOID VALVE
SW	SWITCH
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
SYM	SYMMETRICAL
SYS	SYSTEMS
TB	TROUBLE BELL
TBD	TO BE DETERMINED
TEL	TELEPHONE
TEMP	TEMPERATURE
THERM	THERMOSTAT
TLBD	TERMINAL BOARD
TP	TAMPER PROOF
TRANSF,XFMR	TRANSFORMER
TS	TAMPER SWITCH
TV	TELEVISION
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION
TYP	TYPICAL
UFD	UNDERFLOOR DUCT
UH	UNIT HEATER
UNF	UNFUSED
UON	UNLESS OTHERWISE NOTED
V	VOLT OR VOLTAGE
VA	VOLT AMPERE
VP	VAPORPROOF
WFD	VARIABLE FREQUENCY DRIVE
WM	VOLTMETER
W	WATT
WFS	WATERFLOW SWITCH
WHM	WATT HOUR METER
WP	WEATHERPROOF
WT	WATERTIGHT
XP	EXPLOSION PROOF

ELECTRICAL GENERAL NOTES

1. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS AND WORK. FOLLOW DRAWINGS IN LAYING OUT WORK AND CHECK DRAWINGS OF OTHER TRADES TO VERIFY SPACE CONDITIONS. MAINTAIN HEADROOM AND SPACE CONDITIONS.

2. SECURE ALL SUPPORTS TO BUILDING STRUCTURE UTILIZING TOGGLE BOLTS (HOLLOW MASONRY), EXPANSION SHIELDS OR INSERTS (CONCRETE AND BRICK), MACHINE SCREWS (METAL), BEAM CLAMPS (FRAMEWORK), WOOD SCREWS (WOOD) OR PAN THRU STRAPS (METAL DECK). NAILS, RAWL PLUGS AND WOOD PLUGS ARE NOT PERMITTED, WHERE REQUIRED BY STRUCTURE, PROVIDE THRU BOLTS AND FISH PLATES. SUPPORT HORIZONTAL RUNS OF METALLIC RACEWAYS NOT MORE THAN 10 FT APART. SUPPORT RACEWAY RISERS AT EACH FLOOR LEVEL RUN EXPOSED RACEWAYS PARALLEL WITH OR AT RIGHT ANGLES TO WALLS.

3. PASS RACEWAYS OVER WATER, STEAM OR OTHER PIPING WHEN PULL BOXES ARE NOT REQUIRED. NO RACEWAY WITHIN 3 INCHES OF STEAM OR HOT WATER PIPES OR APPLIANCES (EXCEPT PIPE CROSSINGS WHERE RACEWAY SHALL BE AT LEAST 1 INCH FROM PIPE COVERS).

4. CUT CONDUIT ENDS SQUARE. REAM SMOOTH. PAINT MALE THREAD OF FIELD THREADED RACEWAYS WITH GRAPHITE BASE PIPE COMPOUND. DRAW UP TIGHT WITH RACEWAY COUPLING.

5. HORIZONTAL OR CROSS RUNS IN PARTITIONS AND WALLS ARE NOT PERMITTED. DO NOT RUN CONDUIT IN PRECAST ROOF SLABS, IN 2 INCH SLABS OR IN TERRAZZO FLOOR FINISH.

6. LEAVE WIRES WITH SUFFICIENT SLACK TO PERMIT MAKING FINAL CONNECTIONS. RACEWAYS OVER 10 FT LONG IN WHICH WIRING IS NOT INSTALLED: FURNISH FISH WIRE.

7. SET BOXES SQUARE AND TRUE WITH BUILDING FINISH. ERECT WALL AND SWITCH OUTLETS IN ADVANCE OF FURRING AND FIREPROOFING. SECURE TO BUILDING STRUCTURE BY ADJUSTABLE STRAP IRONS.

8. VERIFY LOCATIONS OF OUTLETS AND SWITCHES IN FINISHED ROOMS WITH ARCHITECTURAL DRAWINGS OF INTERIOR DETAILS AND FINISH. IN CENTERING OUTLETS AND LOCATING BOXES AND OUTLETS, ALLOW FOR OVERHEAD PIPES, DUCTS AND MECHANICAL EQUIPMENT, VARIATIONS IN FIREPROOFING AND PLASTERING, WINDOW AND DOOR TRIM, PANELING, HUNG CEILINGS AND THE LIKE. CORRECT ANY INACCURACY RESULTING FROM FAILURE TO DO SO WITHOUT EXPENSE TO OWNER.

9. LOCATIONS INDICATED FOR LOCAL WALL SWITCHES ARE SUBJECT TO MODIFICATIONS AT OR NEAR DOORS. COORDINATE WITH ARCHITECT AND INSTALL SWITCH ON SIDE OPPOSITE HINGE. VERIFY FINAL HINGE LOCATIONS IN FIELD PRIOR TO SWITCH OUTLET INSTALLATION.

10. COVERS OF JUNCTION AND PULLBOXES SHALL BE READILY ACCESSIBLE.

11. PROVIDE PULLBOXES WHERE INDICATED. WHERE REQUIRED BY CODE AND WHEREVER NECESSARY TO FACILITATE PULLING OF WIRE. COORDINATE PULLBOX LOCATIONS WITH OTHER TRADES.

12. EMPTY RACEWAY RUNS: PROVIDE PULLBOXES EVERY 100 FT AND AS INDICATED. COORDINATE LOCATIONS WITH OTHER TRADES.

13. JUNCTION AND PULLBOXES: LOCATE GENERALLY NOT EXPOSED IN FINISHED SPACES. WHERE NECESSARY, REROUTE RACEWAYS OR MAKE OTHER ARRANGEMENTS FOR CONCEALMENT.

14. SUPPORT PANEL, JUNCTION AND PULLBOXES INDEPENDENTLY TO BUILDING STRUCTURE WITH NO WEIGHT BEARING ON RACEWAYS.

15. ALL ACCESS DOOR LOCATIONS SHALL BE REVIEWED BY ARCHITECT PRIOR TO INSTALLATION.

16. CONNECT CONDUIT TO MOTOR CONDUIT TERMINAL BOXES WITH FLEXIBLE CONDUIT (MINIMUM 18" LENGTH AND 50% SLACK). DO NOT TERMINATE IN OR FASTEN RACEWAYS TO MOTOR FOUNDATION.

17. PROVIDE 2#14 INDICATING PILOT LIGHT WIRES FROM PILOT LIGHT IN CONTROLLER TO LOAD SIDE OF DISCONNECT SWITCH. RUN WIRES IN BRANCH CIRCUIT CONDUIT AND INCREASE CONDUIT SIZE AS REQUIRED.

18. PULL NO THERMOPLASTIC WIRES AT TEMPERATURES LOWER THAN 32°F (0C). PROVIDE CABLE SUPPORTS FOR WIRE IN RISER CONDUITS AS REQUIRED BY CODE.

19. PROVIDE SEPARATE RACEWAYS FOR CONDUCTORS OF NORMAL AND EMERGENCY CIRCUITS. COMMON BOXES: PROVIDE BARRIERS BETWEEN EMERGENCY AND NORMAL WIRING.

20. HEIGHTS OF OUTLETS FROM FINISHED FLOOR TO CENTERLINE OF OUTLET:

RECEPTACLES AND TELEPHONES:

GENERALLY	1'-6"
OVER WORK BENCHES	3'-6"
WALL SWITCHES	4'-0"
WALL FIXTURES	7'-0"
MOTOR CONTROLLERS	5'-0"
GONGS AND HORNS	7'-6"
FIRE ALARM STATIONS	4'-0"
CLOCKS	7'-6"
STROBE LIGHTS	6'-8" TO BOTTOM

EXCEPTIONS: AT JUNCTION OF DIFFERENT WALL FINISH MATERIALS, ON MOLDING OR BREAK IN WALL SURFACE, IN VIOLATION OF CODE REQUIREMENTS, AS NOTED OR DIRECTED.

CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND CONFIRMING ALL MOUNTING HEIGHTS WITH ARCHITECT AND ARCHITECTURAL DRAWINGS.

21. WIRE COLOR CODING: AS PER CODE. WHERE COLOR-CODED CABLE IS NOT AVAILABLE, CERTIFY IN WRITING AND REQUEST PERMISSION FOR OVERLAP COLOR TAPING OF CONDUCTORS (MINIMUM LENGTH 6") IN ACCESSIBLE LOCATIONS. COLOR CODING, ONCE SELECTED, MUST BE USED CONSISTENTLY FOR THE ENTIRE PROJECT.

22. INSTALL NEW WORK AND CONNECT TO EXISTING WORK WITH MINIMUM INTERFERENCE TO EXISTING FACILITIES. TEMPORARY SHUTDOWNS ONLY WITH WRITTEN CONSENT OF OWNER. MAINTAIN CONTINUOUS OPERATION OF EXISTING FACILITIES. ALARM AND EMERGENCY SYSTEMS ARE NOT TO BE INTERRUPTED.

23. FIRESTOPPING SHALL BE INSTALLED WHENEVER WIRING OR RACEWAYS CROSS FIRE RATED CONSTRUCTION.

24. LIGHTING FIXTURE SCHEDULE STANDARD NOTE: LIGHTING FIXTURE SCHEDULE SHOWN ON ENGINEER'S DRAWINGS ARE FOR INFORMATION PURPOSES ONLY. LIGHTING FIXTURES SHOWN ARE THOSE SELECTED BY ARCHITECT. ENGINEER SHALL NOT BE RESPONSIBLE FOR INFORMATION SHOWN RELATED TO FIXTURE SELECTION AND OVERALL LIGHTING DESIGN. REFER TO ARCHITECTURAL DRAWINGS FOR FURTHER INFORMATION.

25. TO THE BEST OF THE APPLICANT'S KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS ARE IN COMPLIANCE WITH THE NEW YORK CITY ENERGY CONSERVATION CODE.

ELECTRICAL DRAWING LIST

DRAWING No.	DRAWING TITLE
E-000 .01	ELECTRICAL COVER SHEET
E-100 .01	ELECTRICAL SUB CELLAR 3 PLAN - LIGHTING (MFD-SUB CELLAR 3)
E-101 .01	ELECTRICAL SUB CELLAR 2 PLAN - LIGHTING (MFD-SUB CELLAR 2)
E-102 .01	ELECTRICAL SUB CELLAR 1 PLAN - LIGHTING (MFD-SUB CELLAR 1)
E-103 .01	ELECTRICAL CELLAR PLAN - LIGHTING (MFD-CELLAR)
E-104 .01	ELECTRICAL GROUND FLOOR PLAN - LIGHTING (MFD-GROUND FLOOR)
E-105 .00	ELECTRICAL GROUND FLOOR INTERMEDIATE PLAN - LIGHTING (MFD-GROUND FLOOR INTERMEDIATE)
E-106 .01	ELECTRICAL 2nd FLOOR PLAN - LIGHTING (MFD-2nd FLOOR)
E-107 .01	ELECTRICAL 3rd FLOOR PLAN - LIGHTING (MFD-3rd FLOOR)
E-108 .01	ELECTRICAL 4th FLOOR PLAN - LIGHTING (MFD-4th FLOOR)
E-109 .01	ELECTRICAL 5th FLOOR PLAN - LIGHTING (MFD-5th FLOOR)
E-110 .01	ELECTRICAL 6th FLOOR PLAN - LIGHTING (MFD-6th FLOOR)
E-111 .01	ELECTRICAL 7th FLOOR PLAN - LIGHTING (MFD-7th FLOOR)
E-112 .00	ELECTRICAL 7th FLOOR INTERMEDIATE PLAN - LIGHTING
E-113 .01	ELECTRICAL 8th FLOOR PLAN - LIGHTING (MFD-14th FLOOR)
E-114 .01	ELECTRICAL 9th FLOOR PLAN - LIGHTING (MFD-15th FLOOR)
E-115 .01	ELECTRICAL 10th FLOOR PLAN - LIGHTING (MFD-16th FLOOR)
E-116 .00	ELECTRICAL 10th FLOOR INTERMEDIATE 1 PLAN - LIGHTING (MFD-17th FLOOR)
E-118 .01	ELECTRICAL 11th FLOOR BMU PLAN - LIGHTING (MFD-19th FLOOR)
E-119 .00	ELECTRICAL 12th FLOOR PLAN - LIGHTING (MFD-20th FLOOR)
E-120 .00	ELECTRICAL 13th FLOOR PLAN - LIGHTING (MFD-32nd FLOOR)
E-121 .00	ELECTRICAL 14th FLOOR PLAN - LIGHTING (MFD-33rd FLOOR)
E-123 .01	ELECTRICAL 17th FLOOR PLAN - LIGHTING (TYPICAL 14th-19th FLOORS) (MFD-33rd-38th FLOOR)
E-126 .01	ELECTRICAL 20th FLOOR PLAN - LIGHTING (MFD-39th FLOOR)
E-127 .01	ELECTRICAL 21st FLOOR PLAN - LIGHTING (TYPICAL 21st-26th FLOORS) (MFD-43rd-49th FLOOR)
E-133 .01	ELECTRICAL 27th FLOOR PLAN - LIGHTING (MFD-50th FLOOR)
E-134 .01	ELECTRICAL 28th and 29th FLOOR PLANS - LIGHTING (MFD-53rd-54th FLOOR)
E-135 .01	ELECTRICAL 30th and 31st FLOOR PLANS - LIGHTING (MFD-55th-56th FLOOR)
E-143 .01	ELECTRICAL 46th FLOOR PLAN - LIGHTING (MFD-71st FLOOR)
E-144 .01	ELECTRICAL 47th and 48th FLOOR PLANS - LIGHTING (TYPICAL 48th-64th FLOORS) (MFD-77th FLOOR and MFD-78th-94th FLOOR)
E-154 .01	ELECTRICAL 67th and 67th FLOOR INTERMEDIATE PLANS - LIGHTING (MFD-97th-98th FLOOR)
E-155 .01	ELECTRICAL 68th FLOOR PLAN - LIGHTING (MFD-100th FLOOR)
E-156 .01	ELECTRICAL 69th and 70th FLOOR PLANS - LIGHTING (MFD-107th-108th FLOOR)
E-157 .01	ELECTRICAL 71st and 72nd FLOOR PLANS - LIGHTING (TYPICAL 72nd-88th FLOORS) (MFD-109th FLOOR and MFD-110th-126th FLOOR)
E-166 .01	ELECTRICAL 89th and 90th FLOOR PLANS - LIGHTING (MFD-127th-128th FLOOR)
E-167 .01	ELECTRICAL 91st and 92nd FLOOR PLANS - LIGHTING (MFD-129th-130th FLOOR)
E-168 .01	ELECTRICAL 93rd and 94th FLOOR PLANS - LIGHTING (MFD-131st-132nd FLOOR)
E-169 .01	ELECTRICAL 95th and 96th FLOOR PLANS - LIGHTING (MFD-133rd-134th FLOOR)
E-170 .01	ELECTRICAL 97th and 98th FLOOR PLANS - LIGHTING (MFD-135th-136th FLOOR)
E-171 .01	ELECTRICAL 99th and BMU FLOOR PLANS - LIGHTING (MFD-137th FLOOR ROOF-COOLING TOWERS/BMU)
E-199 .01	ELECTRICAL SUB CELLAR 3 PLAN - POWER (MFD-SUB CELLAR 3)
E-200 .01	ELECTRICAL SUB CELLAR 2 PLAN - POWER (MFD-SUB CELLAR 2)
E-201 .01	ELECTRICAL SUB CELLAR 1 PLAN - POWER (MFD-SUB CELLAR 1)
E-202 .01	ELECTRICAL CELLAR PLAN - POWER (MFD-C

DEPT OF BLDGS 421263525 Job Number
E350562710S Scan Code

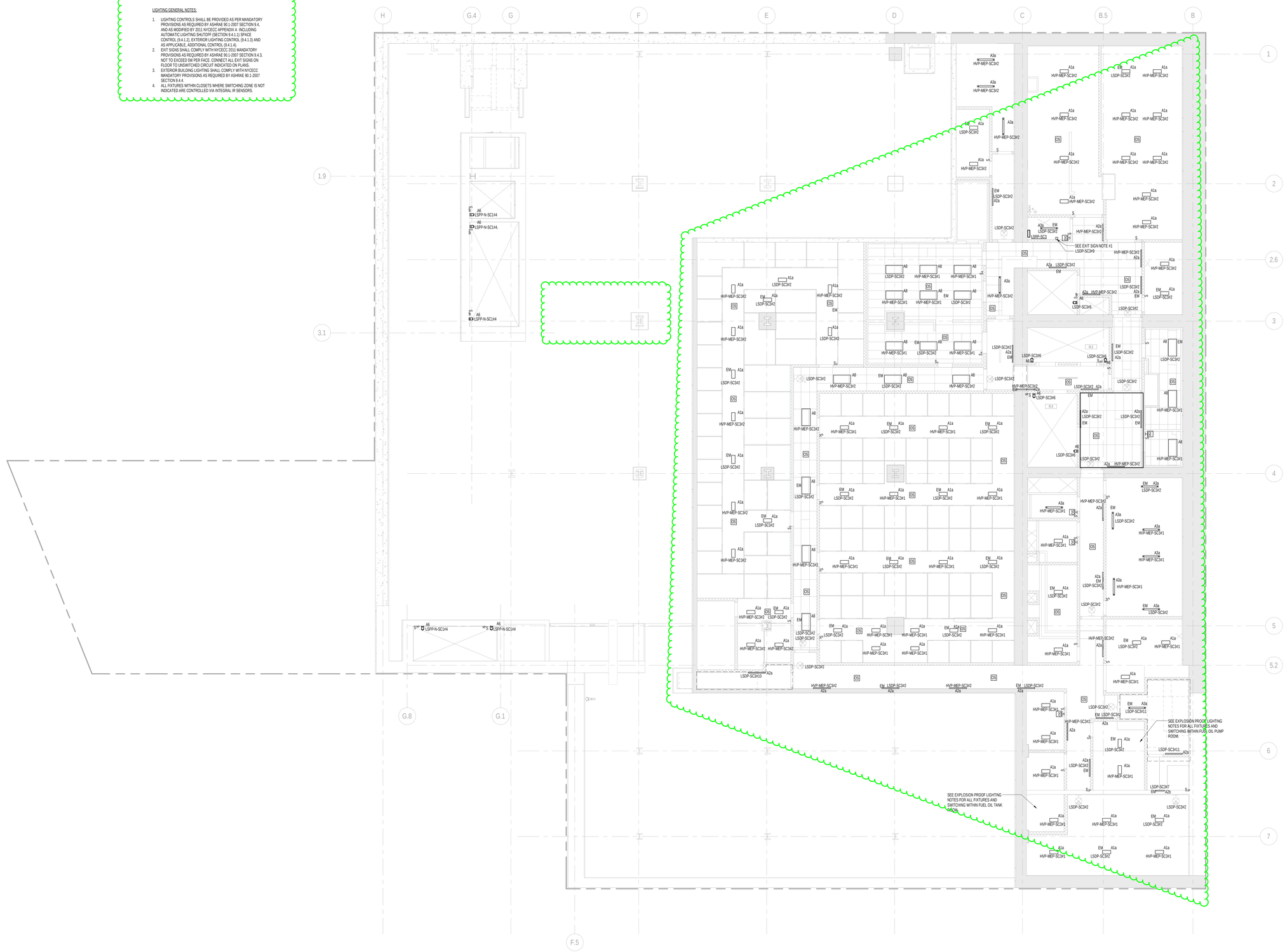
36" x 48" Arch E SHEET SIZE

EXPLOSION PROOF LIGHTING NOTES:

1. ALL LIGHTS WITHIN INDICATED ROOM TO BE LARSON ELECTRONICS EFLC2-LED-150W-RT EXPLOSIONS PROOF LED FLOOD LIGHTS OR APPROVED EQUAL
2. PROVIDE SWITCH WITH PILOT LIGHT OUTSIDE OF ROOM. DO NOT PROVIDE EXPLOSION PROOF SWITCHING FOR THE LUMINAIRES WITHIN THE ROOM.

LIGHTING GENERAL NOTES:

1. LIGHTING CONTROLS SHALL BE PROVIDED AS PER MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4. AND AS MODIFIED BY 2011 NYCECC APPENDIX A INCLUDING AUTOMATIC LIGHTING SHUTOFF (SECTION 9.4.1.1) SPACE CONTROL (9.4.1.2), EXTERIOR LIGHTING CONTROL (9.4.1.3) AND AS APPLICABLE, ADDITIONAL CONTROL (9.4.1.4).
2. EXIT SIGNS SHALL COMPLY WITH NYCECC 2011 MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4.3, NOT TO EXCEED 5W PER FACE. CONNECT ALL EXIT SIGNS ON FLOOR TO UNSWITCHED CIRCUIT INDICATED ON PLANS.
3. EXTERIOR BUILDING LIGHTING SHALL COMPLY WITH NYCECC MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4.4.
4. ALL FIXTURES WITHIN CLOSETS WHERE SWITCHING ZONE IS NOT INDICATED ARE CONTROLLED VIA INTEGRAL IR SENSORS.



1 SUB CELLAR 3 FLOOR PLAN
SCALE: 1/8" = 1'-0"

KEY PLAN:

PROJECT NORTH:

TRUE NORTH:

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
401 Wellington St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
WSP CANTOR SEINUK
228 EAST 45th Street
New York, NY 10017 USA
TEL: 212 687 9888 FAX: 646 487 5501

MEP ENGINEERS:
AKF GROUP
One Liberty Plaza, 165 Broadway, 22nd Floor
New York, NY 10006 USA
TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS:
Langan Engineering & Environmental Services
21 Penn Plaza - 360 West 31st Street, 8th Floor
New York, NY 10001-2727
TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS:
Construction Consulting Associates
100 Church Street
New York, NY 10007
TEL: 212 385 1818 FAX: 212 385 1911

CURTAINWALL CONSULTANT:
AJLP Consulting
40 Worth Street. Suite 826
New York, NY 10013
TEL: 212 757 5659 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	ISSUED FOR SCHEMATIC DESIGN	04 APR 2014
2	ISSUED FOR DESIGN DEVELOPMENT	01 JUL 2014
3	ISSUED FOR DESIGN DEVELOPMENT	31 JUL 2014
4	CD PROGRESS ISSUE 1	15 OCT 2014
5	ISSUED FOR BID - ELECTRICAL	15 OCT 2014
6	DOB SUBMISSION	19 DEC 2014
7	CD PROGRESS ISSUE 3	09 MAR 2015
8	CD PROGRESS ISSUE 5	10 AUG 2015
9	DOB AMENDMENT 2	18 SEP 2015
10	CD PROGRESS ISSUE 6	02 NOV 2015
11	CD PROGRESS ISSUE 7	29 JAN 2016
12	CD PROGRESS ISSUE 8 - GMP SET	18 MAR 2016
13	DOB AMENDMENT 3	03 OCT 2016
14	ISSUED FOR ASI #14	11 JAN 2017
15	ISSUED FOR ASI #19	24 MAR 2017

0 4' - 0" 8' - 0" 16' - 0"

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CONSULTANT:
AKF
ONE LIBERTY PLAZA, 165 BROADWAY, 22nd FLOOR
NEW YORK, NY 10006
T: 212.354.5656 F: 212.354.5668
Philadelphia | Pittsburgh | Boston | Chicago | Toronto
Philadelphia | Princeton | Dublin | Tysonville | Shanghai

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
SUB CELLAR 3 PLAN - LIGHTING
(MFD-SUB CELLAR 3)

SEAL & SIGNATURE:

DATE:	04/04/14
PROJECT No:	Y130747-000
DRAWN: JJ/PW	REV: 15
CHK: EA	
SCALE: 1/8" = 1'-0"	
DWG No:	E-100.01
DOB PAGE No:	2 of 127

DOB EMPLOYEE STAMP:

DOB B-SCAN:

FILE NAME: C:\Revit Local Files\Y130747-000-MAT-865_MEP15-CENTRAL_jjlangner@akfgroup.com.rvt
PLOT DATE: 2/17/2017 4:45:09 PM

36" x 48" Arch E SHEET SIZE

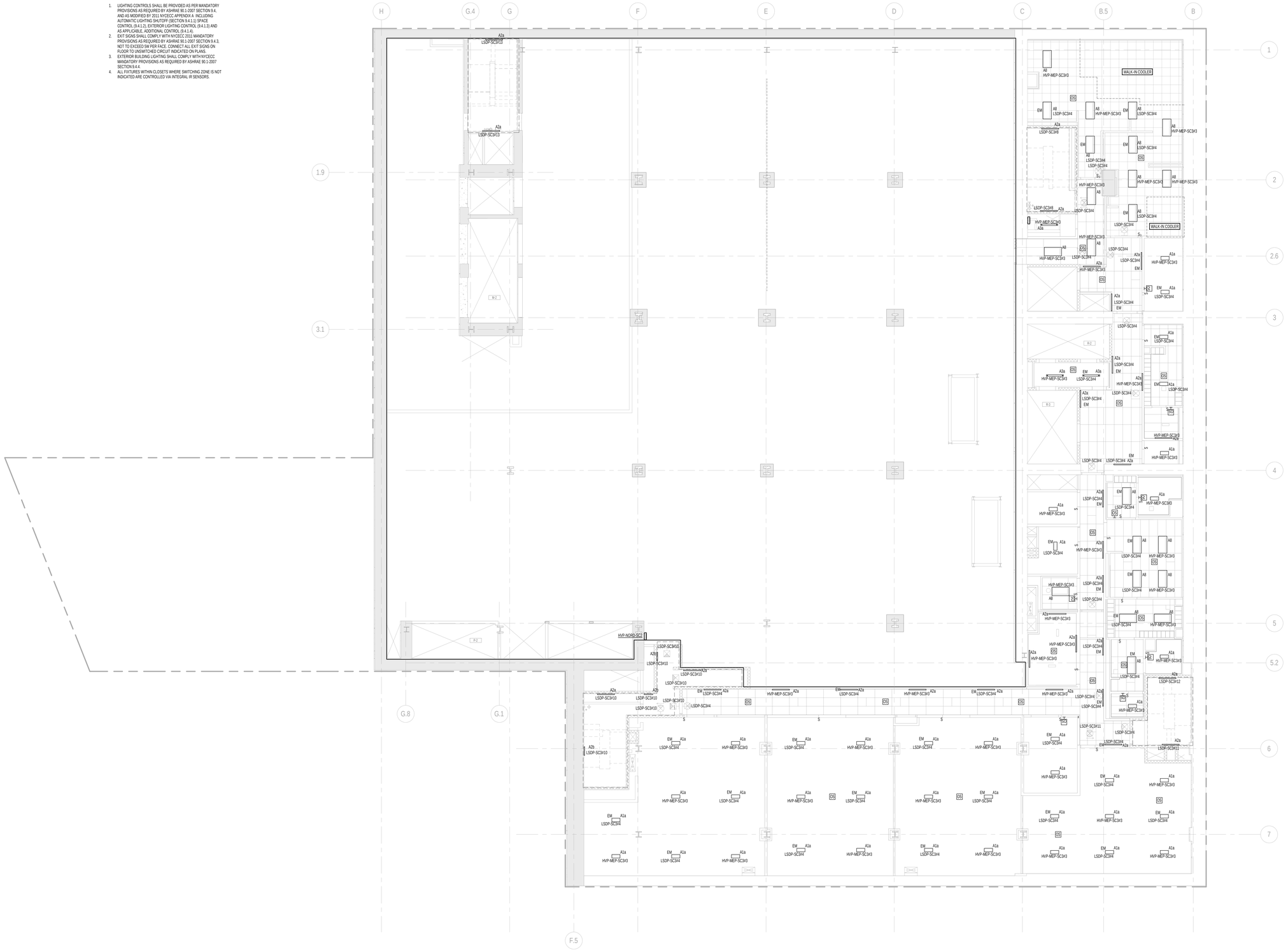
DEPT OF BLDGS 121263626 Job Number
ES#2015099519 Scan Code

EXPLOSION PROOF LIGHTING NOTES:

1. ALL LIGHTS WITHIN INDICATED ROOM TO BE LARSON ELECTRONICS EPLC2-LED-150W-RT EXPLOSIONS PROOF LED FLOOD LIGHTS OR APPROVED EQUAL.
2. PROVIDE SWITCH WITH PILOT LIGHT OUTSIDE OF ROOM. DO NOT PROVIDE EXPLOSION PROOF SWITCHING FOR THE LUMINAIRES WITHIN THE ROOM.

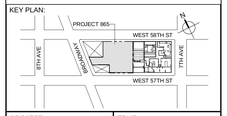
LIGHTING GENERAL NOTES:

1. LIGHTING CONTROLS SHALL BE PROVIDED AS PER MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4, AND AS MODIFIED BY 2011 NYCECC APPENDIX A INCLUDING AUTOMATIC LIGHTING SHUTOFF (SECTION 9.4.1.1) SPACE CONTROL (9.4.1.2), EXTERIOR LIGHTING CONTROL (9.4.1.3) AND AS APPLICABLE, ADDITIONAL CONTROL (9.4.1.4).
2. EXIT SIGNS SHALL COMPLY WITH NYCECC 2011 MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4.3, NOT TO EXCEED 5W PER FACE. CONNECT ALL EXIT SIGNS ON FLOOR TO UNSWITCHED CIRCUIT INDICATED ON PLANS.
3. EXTERIOR BUILDING LIGHTING SHALL COMPLY WITH NYCECC MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4.4.
4. ALL FIXTURES WITHIN CLOSETS WHERE SWITCHING ZONE IS NOT INDICATED ARE CONTROLLED VIA INTEGRAL IR SENSORS.



1 SUB CELLAR 2 FLOOR PLAN
SCALE: 1/8" = 1'-0"

KEY PLAN:



PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
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TEL: 416 967 1500 FAX: 416 967 7150

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MEP ENGINEERS:
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GEOTECHNICAL ENGINEERS:
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21 Penn Plaza - 360 West 31st Street, 8th Floor
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LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	ISSUED FOR SCHEMATIC DESIGN	04 APR 2014
2	ISSUED FOR DESIGN DEVELOPMENT	01 JUL 2014
3	ISSUED FOR DESIGN DEVELOPMENT	31 JUL 2014
4	CD PROGRESS ISSUE 1	15 OCT 2014
5	ISSUED FOR BID - ELECTRICAL	15 OCT 2014
6	DOB SUBMISSION	19 DEC 2014
7	CD PROGRESS ISSUE 3	09 MAR 2015
8	CD PROGRESS ISSUE 5	10 AUG 2015
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11	CD PROGRESS ISSUE 7	29 JAN 2016
12	CD PROGRESS ISSUE 8 - GMP SET	18 MAR 2016
13	CD BULLETIN ISSUE 3	25 MAY 2016
14	CD BULLETIN ISSUE 6	26 AUG 2016
15	DOB AMENDMENT 3	03 OCT 2016
16	ISSUED FOR ASI #19	24 MAR 2017
17	ISSUED FOR ASI #22	20 JUL 2017

0 4'-0" 8'-0" 16'-0"

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Abu Dhabi • Boston • Denver • Dubai • Hong Kong • Houston • London • Los Angeles • Miami • New York • Philadelphia • Princeton • Seattle • Shanghai • Washington DC

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
SUB CELLAR 2 PLAN - LIGHTING
(MFD-SUB CELLAR 2)

SEAL & SIGNATURE:
STATE OF NEW YORK · CHRISTOPHER G. MCNEIL · 091139 · LICENSED PROFESSIONAL ENGINEER

DATE: 04/04/14
PROJECT No: Y130747-000
DRAWN: JJ/PW
CHK: EA
SCALE: 1/8" = 1'-0"
REV: 17
DWG No: **E-101.01**
DOB PAGE No: 3 of 127

DOB EMPLOYEE STAMP:
DOB B-SCAN:

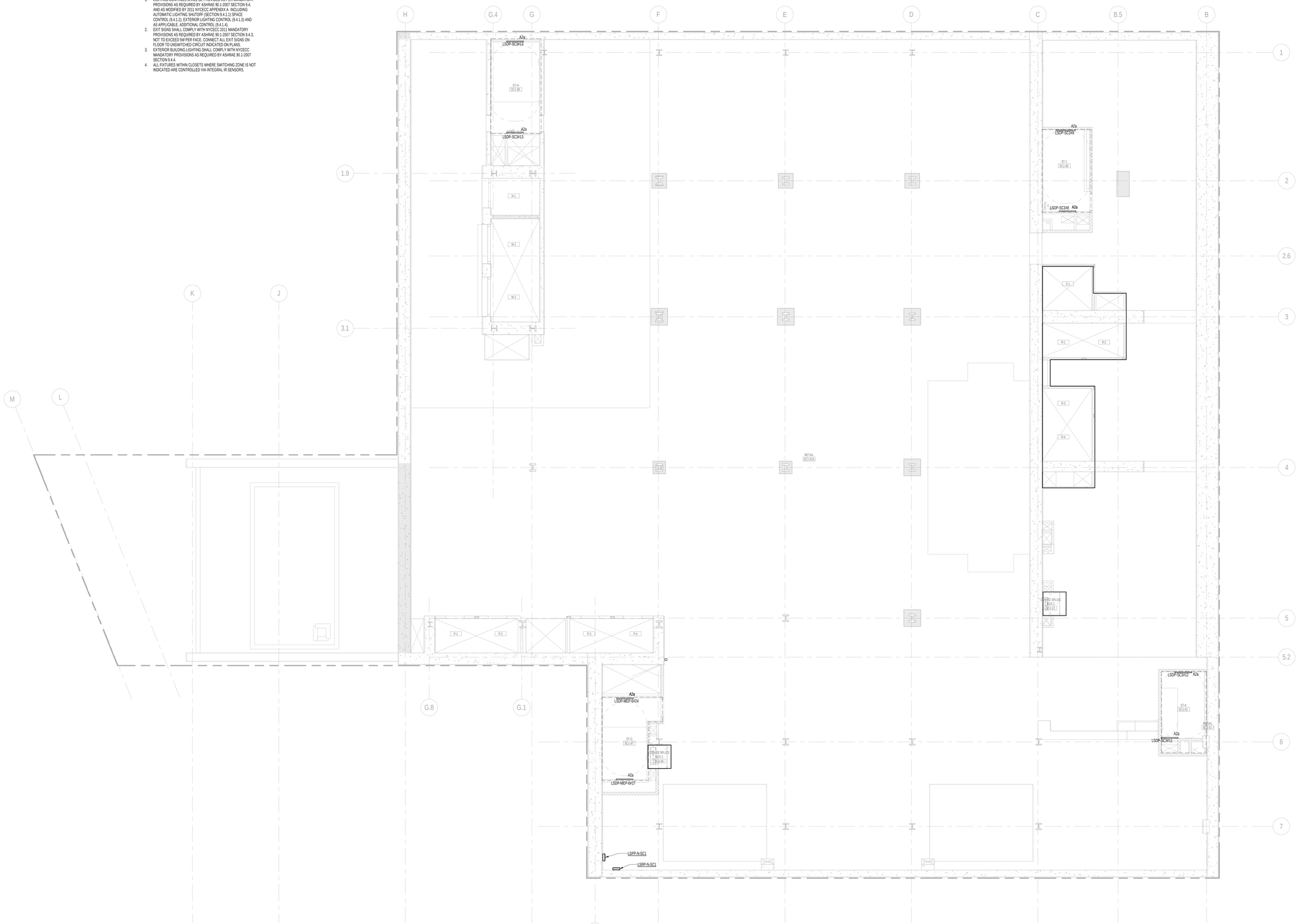
FILE NAME: C:\Revit Local Files\Y130747-000-MEP-865_MEP15-CENTRAL_jjangner@akfgroup.com.rvt
PLOT DATE: 2/19/2018 2:48:12 PM

DEPT OF BLDGS 121263525 Job Number
E-EXP-2320947 Scan Code

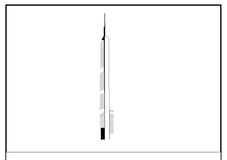
36" x 48" Arch E SHEET SIZE

LIGHTING GENERAL NOTES:

1. LIGHTING CONTROLS SHALL BE PROVIDED AS PER MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4, AND AS MODIFIED BY 2011 NYCECC APPENDIX A INCLUDING AUTOMATIC LIGHTING SHUTOFF (SECTION 9.4.1.1) SPACE CONTROL (9.4.1.2), EXTERIOR LIGHTING CONTROL (9.4.1.3) AND AS APPLICABLE, ADDITIONAL CONTROL (9.4.1.4).
2. EXIT SIGNS SHALL COMPLY WITH NYCECC 2011 MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4.3, NOT TO EXCEED 5W PER FACE. CONNECT ALL EXIT SIGNS ON FLOOR TO UNSWITCHED CIRCUIT INDICATED ON PLANS.
3. EXTERIOR BUILDING LIGHTING SHALL COMPLY WITH NYCECC MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4.4.
4. ALL FIXTURES WITHIN CLOSETS WHERE SWITCHING ZONE IS NOT INDICATED ARE CONTROLLED VIA INTEGRAL IR SENSORS.



1 SUB CELLAR 1 FLOOR PLAN
SCALE: 1/8" = 1'-0"



KEY PLAN:

PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
401 Wellington St. W., 3rd Floor
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TEL: 416 967 1500 FAX: 416 967 7150

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MEP ENGINEERS:
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GEOTECHNICAL ENGINEERS:
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21 Penn Plaza - 360 West 31st Street, 8th Floor
New York, NY 10001-2727
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LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

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13	DOB AMENDMENT 3	03 OCT 2016

0 4' - 0" 8' - 0" 16' - 0"

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CONSULTANT:
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NEW YORK, NY 10006
T: 212.354.5656 F: 212.354.5668
Arlington • Austin • Miami • Chicago • Cleveland • Seattle-Tacoma
Philadelphia • Pittsburgh • Portland • Richmond • Washington DC

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
SUB CELLAR 1 PLAN - LIGHTING
(MFD-SUB CELLAR 1)

SEAL & SIGNATURE:

DATE:	04/04/14
PROJECT No:	V130747-000
DRAWN:	JJ/PW
CHK:	EA
SCALE:	1/8" = 1'-0"
REV:	13

DWG No:
E-102.01

DOB PAGE No: 4 of 127

DOB EMPLOYEE STAMP:

DOB B-SCAN:

FILE NAME: C:\Revit Local Files\V130747-000-AKF-865_MEP15-CENTRAL_jlangner@aklgroup.com.rvt
PLOT DATE: 2/13/2016 2:45:17 PM

DEPT OF BLDGS 421263525 Job Number
E-103.01 Scan Code

36" x 48" Arch E SHEET SIZE

EXPLOSION PROOF LIGHTING NOTES:

1. ALL LIGHTS WITHIN INDICATED ROOM TO BE LARSON ELECTRONICS EPLC2-LED-150W-RT EXPLOSIONS PROOF LED FLOOD LIGHTS OR APPROVED EQUAL.
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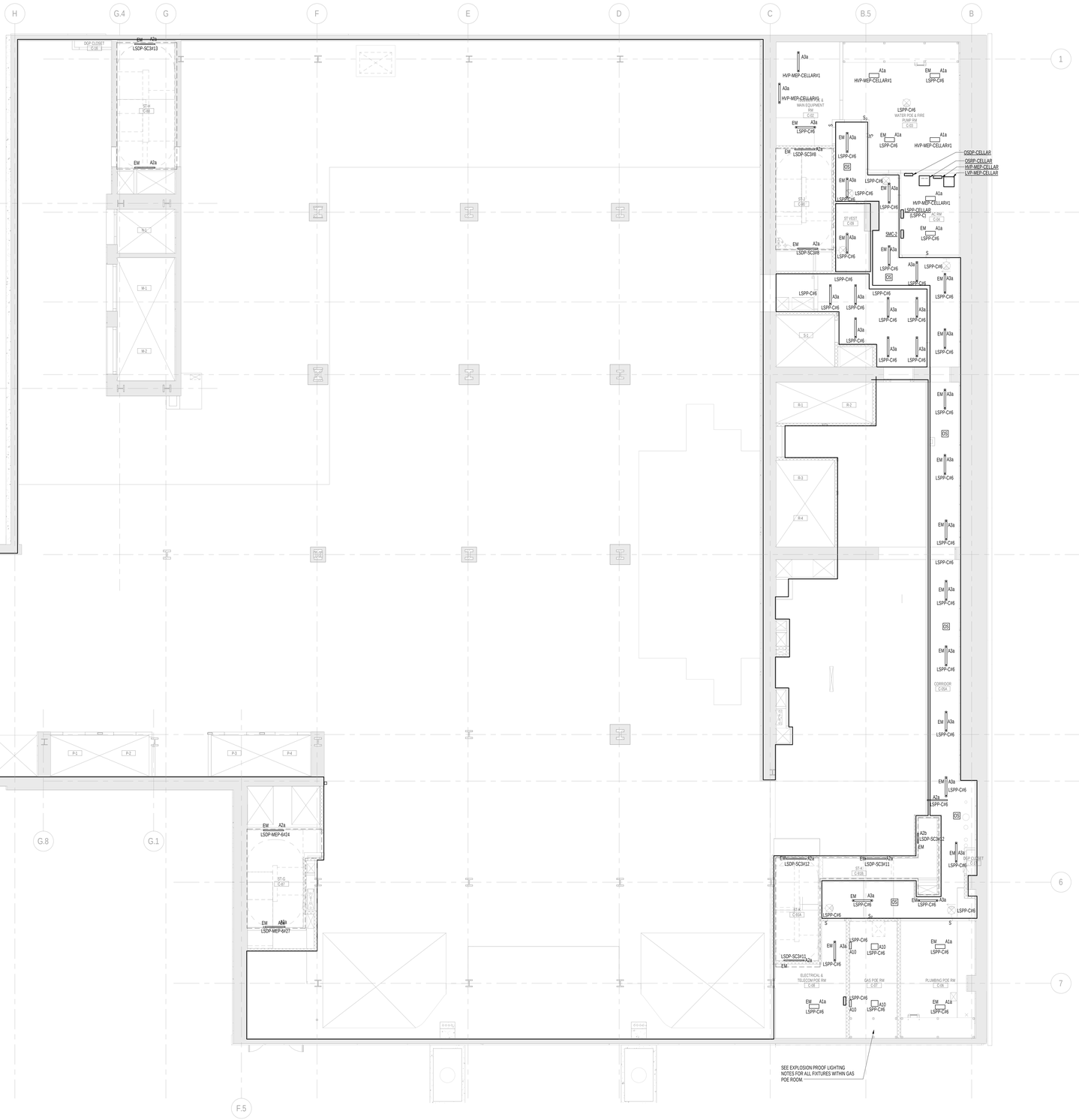
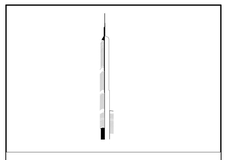
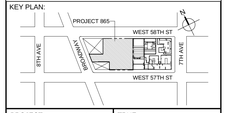


1 CELLAR FLOOR PLAN
SCALE: 1/8" = 1'-0"



KEY PLAN:



PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
401 Wellington St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

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No.	DESCRIPTION	DATE
1	ISSUED FOR SCHEMATIC DESIGN	04 APR 2014
2	ISSUED FOR DESIGN DEVELOPMENT	01 JUL 2014
3	ISSUED FOR DESIGN DEVELOPMENT	31 JUL 2014
4	CD PROGRESS ISSUE 1	15 OCT 2014
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6	DOB SUBMISSION	19 DEC 2014
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0 4' - 0" 8' - 0" 16' - 0"

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Philadelphia | Houston | Fairfax | Kuchkuch | Zamboanga

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
CELLAR PLAN - LIGHTING
(MFD-CELLAR)

SEAL & SIGNATURE:

DATE:	04/04/14
PROJECT No:	Y130747-000
DRAWN:	JJ/PW
CHK:	EA
SCALE:	1/8" = 1'-0"
REV:	14
DWG No:	E-103.01
DOB PAGE No:	5 of 127

DOB EMPLOYEE STAMP: DOB B-SCAN:

FILE NAME: C:\Revit Local Files\Y130747-000-ARF-R05_MEP15-CENTRAL_jjangvold@akfgroup.com.rvt
PLOT DATE: 2/13/2017 2:45:25 PM

DEPT OF BLDGS 421263525 Job Number
ES3477300595 Scan Code

36" x 48" Arch E SHEET SIZE

LIGHTING GENERAL NOTES:

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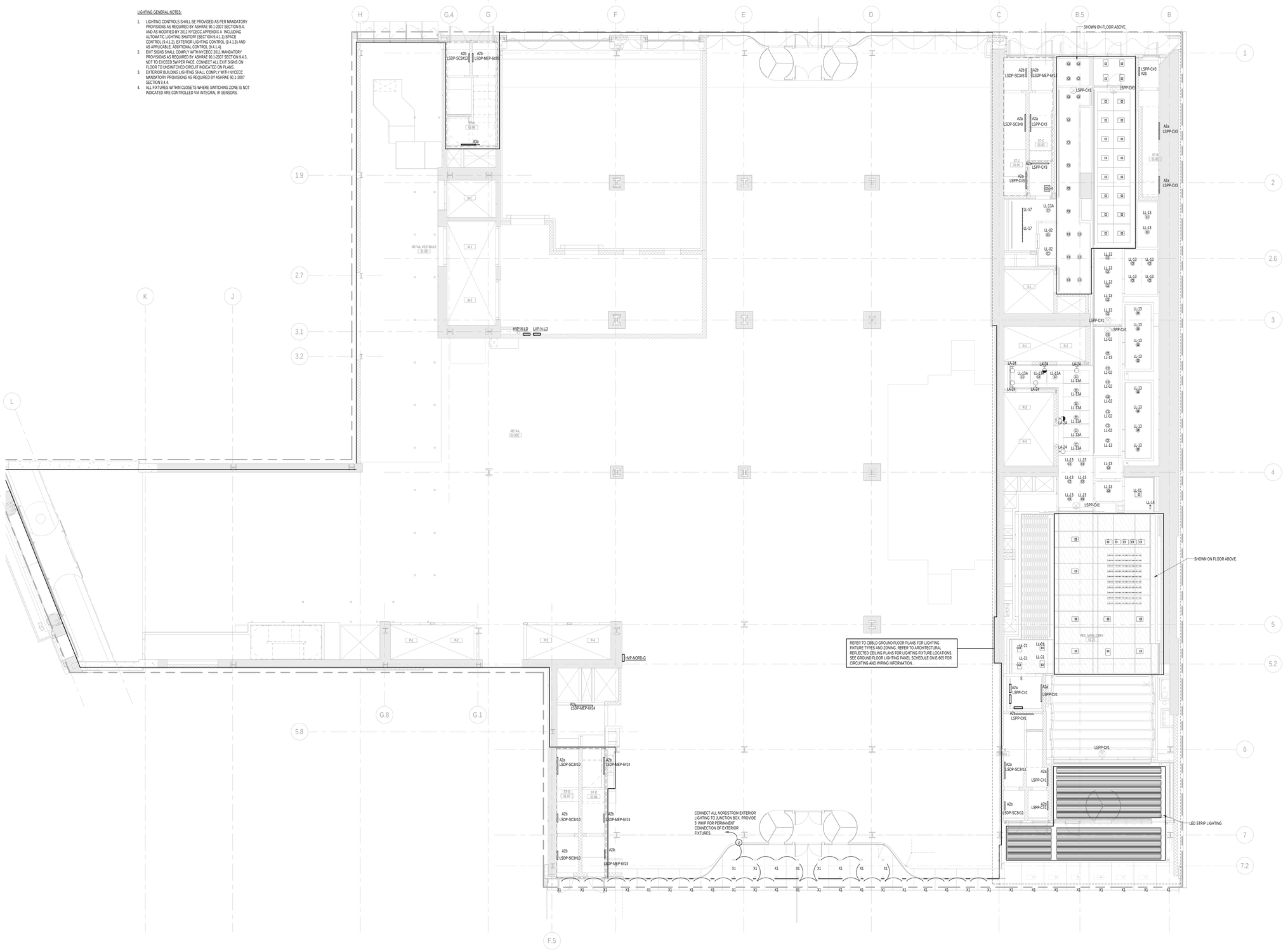

1 GROUND FLOOR PLAN
SCALE: 1/8" = 1'-0"

KEY PLAN:

PROJECT NORTH | TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
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14	CD BULLETIN ISSUE 6	26 AUG 2016
15	DOB AMENDMENT 3	03 OCT 2016
16	ISSUED FOR AS BUILT #25	15 SEP 2017

0 4'-0" 8'-0" 16'-0"

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CONSULTANT:
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Philadelphia | Princeton | Dallas | Cleveland | Baltimore

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
GROUND FLOOR PLAN - LIGHTING
(MFD-GROUND FLOOR)

SEAL & SIGNATURE:

STATE OF NEW YORK — ERIC ARNESEN — 027173 — LICENSED PROFESSIONAL ENGINEER

DATE: 04/04/14
PROJECT No: Y130747-000
DRAWN: JJ/PW
CHK: EA
SCALE: 1/8" = 1'-0"
REV: 16
DWG No: **E-104.01**
DOB PAGE No: 6 of 127

DOB EMPLOYEE STAMP:
DOB B-SCAN:

FILE NAME: C:\Revit Local Files\Y130747-000-AKF-865_MEP15-CENTRAL_jjingram@akfgroup.com.rvt
PLOT DATE: 2/1/2018 2:43:34 PM

DEPT OF BLDGS 121263435 Job Number
E302139940950 Scan Code

36" x 48" Arch E SHEET SIZE

LIGHTING GENERAL NOTES:

1. LIGHTING CONTROLS SHALL BE PROVIDED AS PER MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4, AND AS MODIFIED BY 2011 NYCECC APPENDIX A INCLUDING AUTOMATIC LIGHTING SHUTOFF (SECTION 9.4.1.1) SPACE CONTROL (9.4.1.2), EXTERIOR LIGHTING CONTROL (9.4.1.3) AND AS APPLICABLE. ADDITIONAL CONTROL (9.4.1.4).
2. EXIT SIGNS SHALL COMPLY WITH NYCECC 2011 MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4.3, NOT TO EXCEED 5W PER FACE. CONNECT ALL EXIT SIGNS ON FLOOR TO UNSWITCHED CIRCUIT INDICATED ON PLANS.
3. EXTERIOR BUILDING LIGHTING SHALL COMPLY WITH NYCECC MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4.4.
4. ALL FIXTURES WITHIN CLOSETS WHERE SWITCHING ZONE IS NOT INDICATED ARE CONTROLLED VIA INTEGRAL IR SENSORS.

1 GROUND FLOOR INTERMEDIATE PLAN
SCALE: 1/8" = 1'-0"

FILE NAME: C:\Revit Local Files\Y13074-000-MKF-985_MEP-ES-CENTRAL_jjahgner@akfgroup.com.rvt
PLOT DATE: 2/19/2016 2:42:42 PM

KEY PLAN:

PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
401 Wellington St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
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228 EAST 45th Street
New York, NY 10017 USA
TEL: 212 687 9888 FAX: 646 487 5501

MEP ENGINEERS:
AKF GROUP
One Liberty Plaza, 165 Broadway, 22nd Floor
New York, NY 10006 USA
TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS:
Langan Engineering & Environmental Services
21 Penn Plaza - 360 West 31st Street, 8th Floor
New York, NY 10001-2727
TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS:
Construction Consulting Associates
100 Church Street
New York, NY 10007
TEL: 212 385 1818 FAX: 212 385 1911

CURTAINWALL CONSULTANT:
AJLP Consulting
40 Worth Street. Suite 826
New York, NY 10013
TEL: 212 757 5659 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	CD PROGRESS ISSUE 6	02 NOV 2015
2	CD PROGRESS ISSUE 7	29 JAN 2016
3	CD PROGRESS ISSUE 8 - GMP SET	18 MAR 2016
4	CD BULLETIN ISSUE 3	25 MAY 2016
5	CD BULLETIN ISSUE 6	26 AUG 2016
6	DOB AMENDMENT 3	03 OCT 2016
7	ISSUED FOR AS #22	20 JUL 2017

0 4'-0" 8'-0" 16'-0"

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CONSULTANT:
AKF
ONE LIBERTY PLAZA, 165 BROADWAY, 22nd FLOOR
NEW YORK, NY 10006
T: 212.354.5656 F: 212.354.5668
Arlington | Denver | Mexico City | Minneapolis | New York
Philadelphia | Princeton | Seattle | Stamford | Stanford

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
GROUND FLOOR INTERMEDIATE PLAN - LIGHITNG (MFD-GROUND FLOOR INTERMEDIATE)

SEAL & SIGNATURE:
STATE OF NEW YORK — JUNGWER G. NGNER — No. 091139 — LICENSED PROFESSIONAL ENGINEER

DATE:	08/06/15
PROJECT No:	Y130747-000
DRAWN:	JJ/PW
REV:	7
CHK:	EA
SCALE:	1/8" = 1'-0"
DWG No:	E-105.00
DOB PAGE No:	7 of 127

DOB EMPLOYEE STAMP:

DOB B-SCAN:

DEPT OF BLDGS 121263625 Job Number
E302178495S Scan Code

36" x 48" Arch E SHEET SIZE

LIGHTING GENERAL NOTES:

1. LIGHTING CONTROLS SHALL BE PROVIDED AS PER MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4, AND AS MODIFIED BY 2011 NYCECC APPENDIX K. INCLUDING AUTOMATIC LIGHTING SHUTOFF (SECTION 9.4.1.1) SPACE CONTROL (9.4.1.2), EXTERIOR LIGHTING CONTROL (9.4.1.3) AND AS APPLICABLE, ADDITIONAL CONTROL (9.4.1.4).
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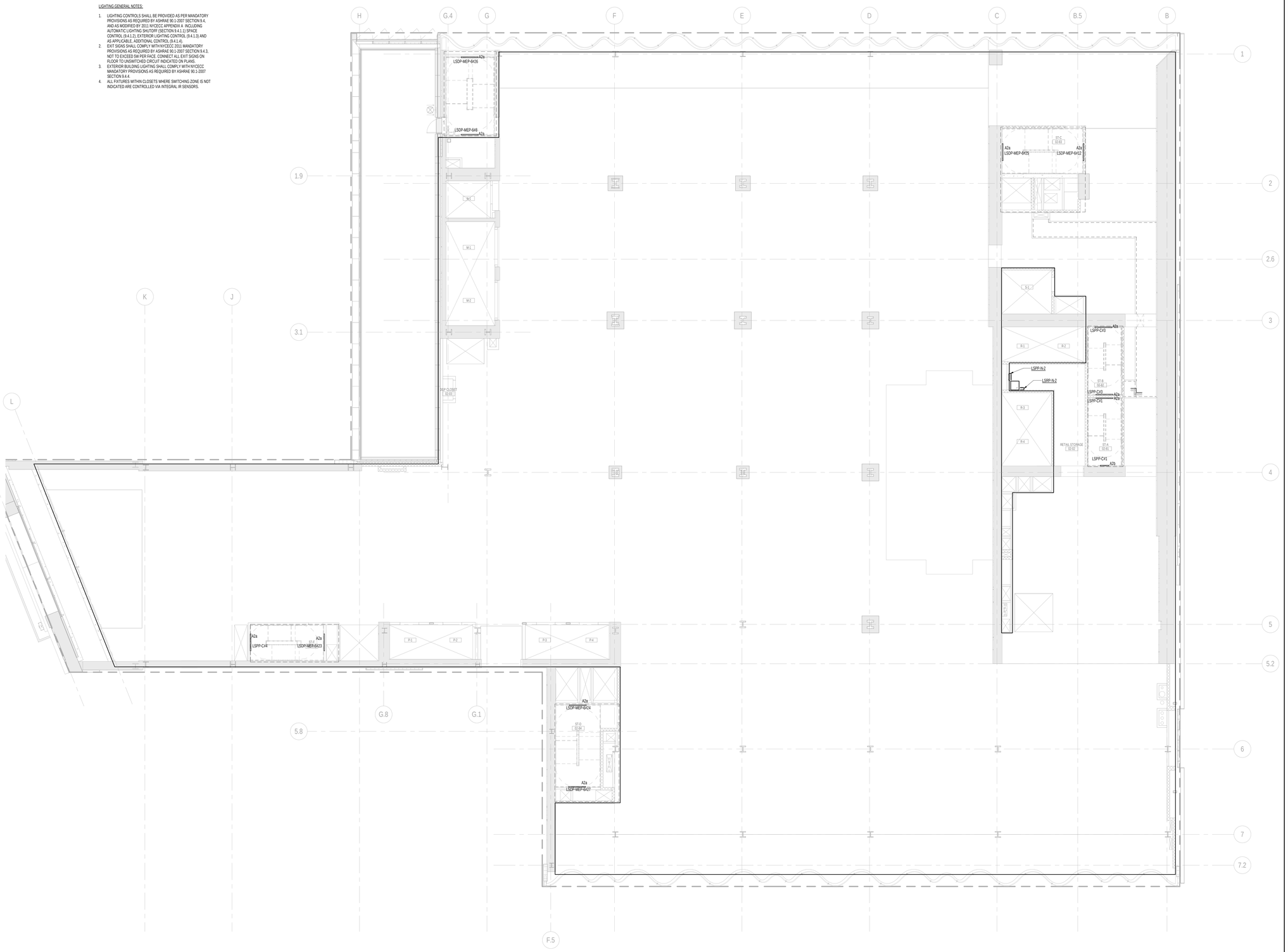
3. EXTERIOR BUILDING LIGHTING SHALL COMPLY WITH NYCECC MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4.4.
4. ALL FIXTURES WITHIN CLOSETS WHERE SWITCHING ZONE IS NOT INDICATED ARE CONTROLLED VIA INTEGRAL IR SENSORS.



1 2nd FLOOR PLAN
SCALE: 1/8" = 1'-0"

KEY PLAN:

PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
401 Wellington St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
WSP CANTOR SEINUK
228 EAST 45th Street
New York, NY 10017 USA
TEL: 212 687 9888 FAX: 646 487 5501

MEP ENGINEERS:
AKF GROUP
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GEOTECHNICAL ENGINEERS:
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CURTAINWALL CONSULTANT:
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LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	ISSUED FOR SCHEMATIC DESIGN	04 APR 2014
2	ISSUED FOR DESIGN DEVELOPMENT	01 JUL 2014
3	ISSUED FOR DESIGN DEVELOPMENT	31 JUL 2014
4	CD PROGRESS ISSUE 1	15 OCT 2014
5	ISSUED FOR BID - ELECTRICAL	15 OCT 2014
6	DOB SUBMISSION	19 DEC 2014
7	CD PROGRESS ISSUE 3	09 MAR 2015
8	DOB AMENDMENT 2	18 SEP 2015
9	CD PROGRESS ISSUE 6	02 NOV 2015
10	CD PROGRESS ISSUE 7	29 JAN 2016
11	CD PROGRESS ISSUE 8 - GMP SET	18 MAR 2016
12	CD BULLETIN ISSUE 6	26 AUG 2016
13	DOB AMENDMENT 3	03 OCT 2016

0 4'-0" 8'-0" 16'-0"

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CONSULTANT:
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ONE LIBERTY PLAZA, 165 BROADWAY, 22nd FLOOR
NEW YORK, NY 10006
T: 212.354.5656 F: 212.354.5668
Arlington | Boston | Mexico City | Minneapolis | New York
Philadelphia | Princeton | Puebla | Rochester | Stamford

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
2nd FLOOR PLAN - LIGHTING
(MFD-2nd FLOOR)

SEAL & SIGNATURE:

DATE:	04/04/14
PROJECT No:	Y130747-000
DRAWN: JJ/PW	REV:
CHK: EA	13
SCALE: 1/8" = 1'-0"	
DWG No:	
E-106.01	
DOB PAGE No:	8 of 127

DOB EMPLOYEE STAMP:

DOB B-SCAN:

FILE NAME: C:\Revit Local Files\Y130747-000-AKF-865_MEP15-CENTRAL_jjangwe@akfgroup.com.rvt
PLOT DATE: 2/13/2017 2:45:49 PM

DEPT OF BLDGS 121263635 Job Number
E364874009 95 Scan Code

36" x 48" Arch E SHEET SIZE

LIGHTING GENERAL NOTES:

1. LIGHTING CONTROLS SHALL BE PROVIDED AS PER MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4, AND AS MODIFIED BY 2011 NYCECC APPENDIX A INCLUDING AUTOMATIC LIGHTING SHUTOFF (SECTION 9.4.1.1) SPACE CONTROL (9.4.1.2), EXTERIOR LIGHTING CONTROL (9.4.1.3) AND AS APPLICABLE, ADDITIONAL CONTROL (9.4.1.4)
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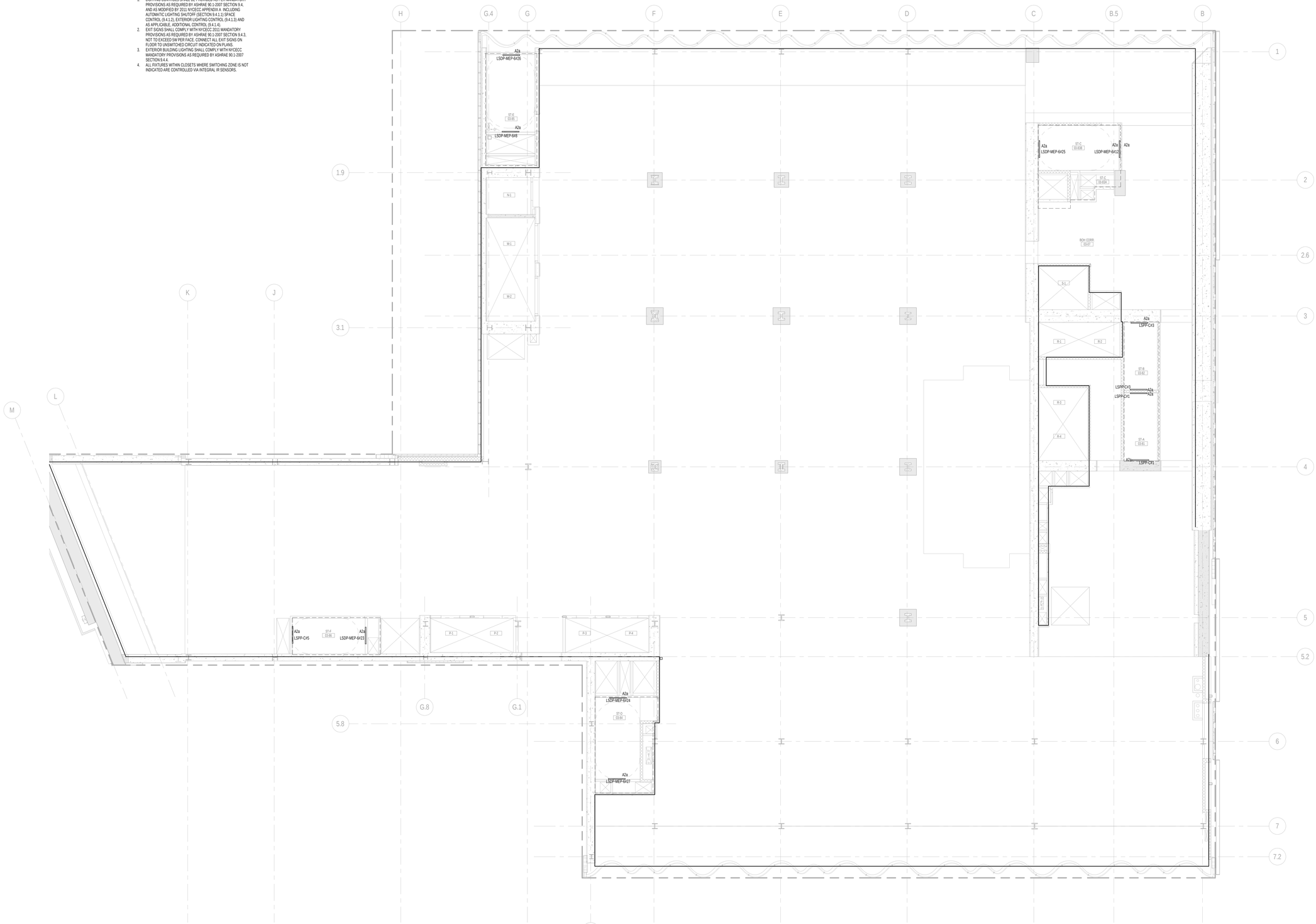
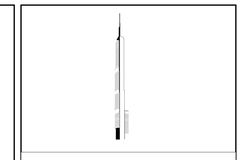


1 3rd FLOOR PLAN
SCALE: 1/8" = 1'-0"



KEY PLAN:

PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
401 Wellington St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
WSP CANTOR SEINUK
228 EAST 45th Street
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TEL: 212 687 9888 FAX: 646 487 5501

MEP ENGINEERS:
AKF GROUP
One Liberty Plaza, 165 Broadway, 22nd Floor
New York, NY 10006 USA
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CODE CONSULTANTS:
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CURTAINWALL CONSULTANT:
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40 Worth Street. Suite 826
New York, NY 10013
TEL: 212 757 5659 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	ISSUED FOR SCHEMATIC DESIGN	04 APR 2014
2	ISSUED FOR DESIGN DEVELOPMENT	01 JUL 2014
3	ISSUED FOR DESIGN DEVELOPMENT	31 JUL 2014
4	CD PROGRESS ISSUE 1	15 OCT 2014
5	ISSUED FOR BID - ELECTRICAL	15 OCT 2014
6	DOB SUBMISSION	19 DEC 2014
7	CD PROGRESS ISSUE 3	09 MAR 2015
8	DOB AMENDMENT 2	18 SEP 2015
9	CD PROGRESS ISSUE 6	02 NOV 2015
10	CD PROGRESS ISSUE 7	29 JAN 2016
11	CD PROGRESS ISSUE 8 - GMP SET	18 MAR 2016
12	CD BULLETIN ISSUE 6	26 AUG 2016
13	DOB AMENDMENT 3	03 OCT 2016

0 4'-0" 8'-0" 16'-0"

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CONSULTANT:
AKF
ONE LIBERTY PLAZA, 165 BROADWAY, 22nd FLOOR
NEW YORK, NY 10006
T: 212.354.5656 F: 212.354.5668
Arlington | Boston | Miami Dade | Philadelphia | Washington
Philadelphia | Shanghai | Sydney | Auckland | Singapore

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
3rd FLOOR PLAN - LIGHTING
(MFD-3rd FLOOR)

SEAL & SIGNATURE:

DATE:	04/04/14
PROJECT No:	V130747-000
DRAWN:	JJ/PW
CHK:	EA
SCALE:	1/8" = 1'-0"
REV:	13
DWG No:	**E-107.01**
DOB PAGE No:	9 of 127

DOB EMPLOYEE STAMP:

DOB B-SCAN:

FILE NAME: C:\Revit Local Files\V130747-000-AKF-865_MEP15-CENTRAL_jlangner@aklgroup.com.rvt
PLOT DATE: 2/13/2018 2:56:58 PM

DEPT OF BLDGS 121263525 Job Number
E-E395550653 Scan Code

36" x 48" Arch E SHEET SIZE

LIGHTING GENERAL NOTES:

1. LIGHTING CONTROLS SHALL BE PROVIDED AS PER MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4, AND AS MODIFIED BY 2011 NYCECC APPENDIX A INCLUDING AUTOMATIC LIGHTING SHUTOFF (SECTION 9.4.1.1) SPACE CONTROL (9.4.1.2), EXTERIOR LIGHTING CONTROL (9.4.1.3) AND AS APPLICABLE. ADDITIONAL CONTROL (9.4.1.4).
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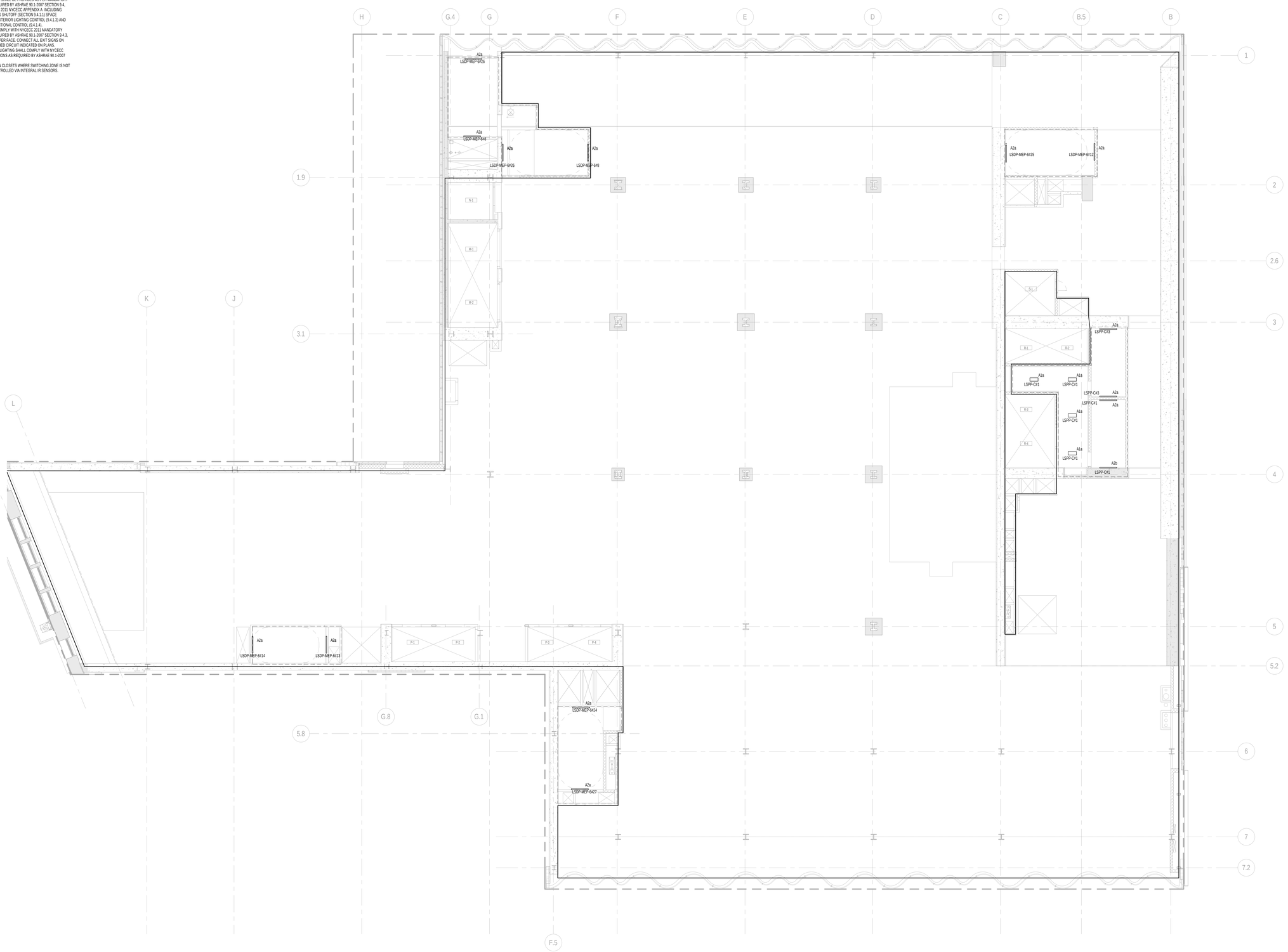
4. ALL FIXTURES WITHIN CLOSETS WHERE SWITCHING ZONE IS NOT INDICATED ARE CONTROLLED VIA INTEGRAL IR SENSORS.



1 4th FLOOR PLAN
SCALE: 1/8" = 1'-0"

KEY PLAN:

PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
401 Wellington St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
WSP CANTOR SEINUK
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New York, NY 10017 USA
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MEP ENGINEERS:
AKF GROUP
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New York, NY 10006 USA
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New York, NY 10001-2727
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CODE CONSULTANTS:
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New York, NY 10007
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CURTAINWALL CONSULTANT:
AJLP Consulting
40 Worth Street. Suite 826
New York, NY 10013
TEL: 212 757 5659 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	ISSUED FOR SCHEMATIC DESIGN	04 APR 2014
2	ISSUED FOR DESIGN DEVELOPMENT	01 JUL 2014
3	ISSUED FOR DESIGN DEVELOPMENT	31 JUL 2014
4	CD PROGRESS ISSUE 1	15 OCT 2014
5	ISSUED FOR BID - ELECTRICAL	15 OCT 2014
6	DOB SUBMISSION	19 DEC 2014
7	CD PROGRESS ISSUE 3	09 MAR 2015
8	DOB AMENDMENT 2	18 SEP 2015
9	CD PROGRESS ISSUE 6	02 NOV 2015
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11	CD PROGRESS ISSUE 8 - GMP SET	18 MAR 2016
12	CD BULLETIN ISSUE 6	26 AUG 2016
13	DOB AMENDMENT 3	03 OCT 2016

0 4' - 0" 8' - 0" 16' - 0"

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ALL DIMENSIONS ARE SHOWN IN IMPERIAL.

CONSULTANT:
AKF
ONE LIBERTY PLAZA, 165 BROADWAY, 22nd FLOOR
NEW YORK, NY 10006
T: 212.354.5656 F: 212.354.5668
Arlington | Boston | Mexico City | Minneapolis | New York
Philadelphia | Pittsburgh | Portland | San Francisco | Stamford

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
4th FLOOR PLAN - LIGHTING
(MFD-4th FLOOR)

SEAL & SIGNATURE:

DATE:	04/04/14
PROJECT No:	Y130747-000
DRAWN: JJ/PW	REV: 13
CHK: EA	
SCALE: 1/8" = 1'-0"	
DWG No:	**E-108.01**
DOB PAGE No:	10 of 127

DOB EMPLOYEE STAMP: DOB B-SCAN:

FILE NAME: C:\Revit Local Files\Y130747-000-AKF-R05_MEP15-CENTRAL_jjimpyen@akfgroup.com.rvt
PLOT DATE: 2/13/2017 2:46:04 PM

DEPT OF BLDGS 121263635 Job Number
E5805559781 Scan Code

36" x 48" Arch E SHEET SIZE

LIGHTING GENERAL NOTES:

1. LIGHTING CONTROLS SHALL BE PROVIDED AS PER MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4, AND AS MODIFIED BY 2011 NYCECC APPENDIX A INCLUDING AUTOMATIC LIGHTING SHUTOFF (SECTION 9.4.1.1) SPACE CONTROL (9.4.1.2), EXTERIOR LIGHTING CONTROL (9.4.1.3) AND AS APPLICABLE. ADDITIONAL CONTROL (9.4.1.4).
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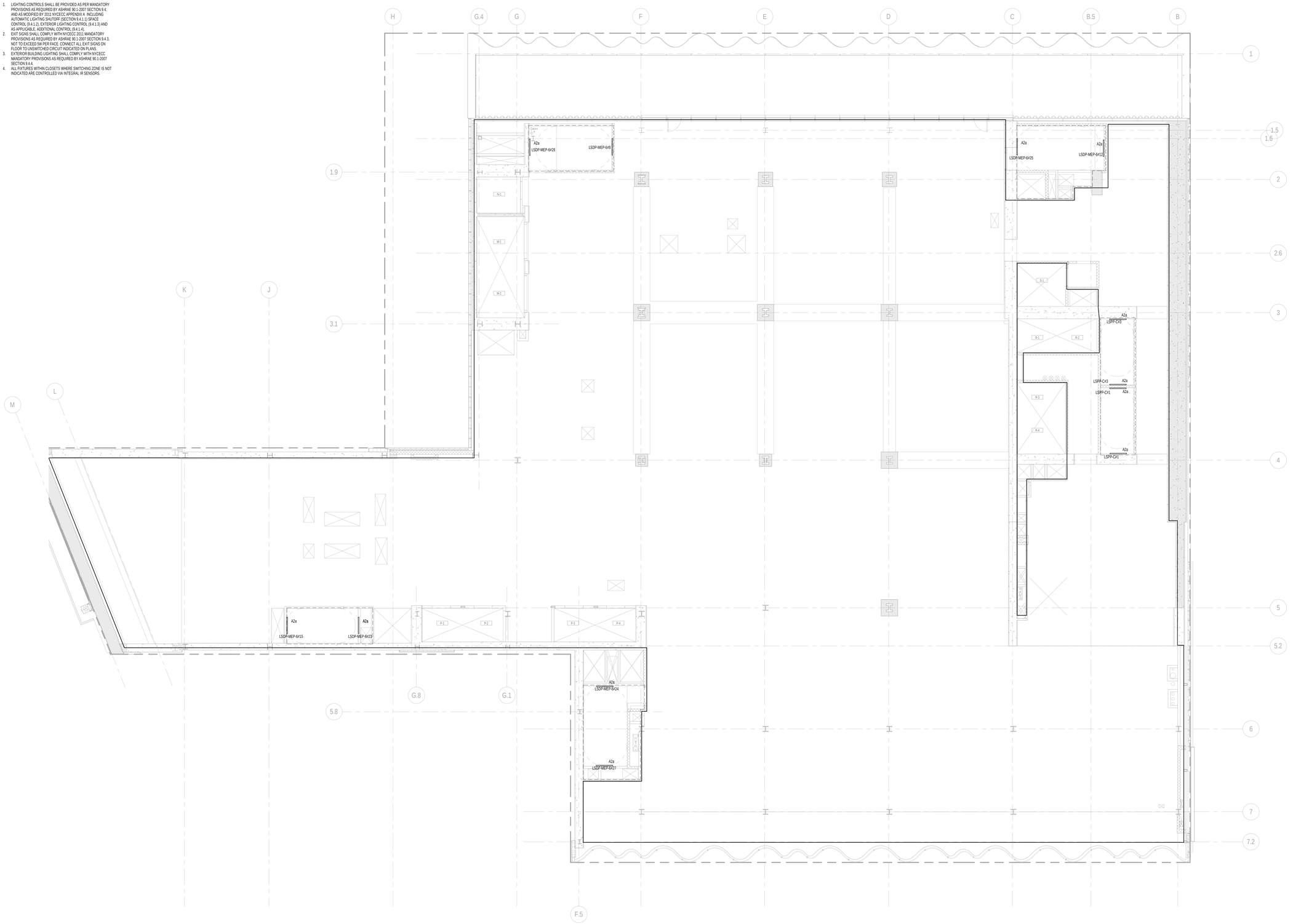
4. ALL FIXTURES WITHIN CLOSETS WHERE SWITCHING ZONE IS NOT INDICATED ARE CONTROLLED VIA INTEGRAL IR SENSORS.



1 5th FLOOR PLAN
SCALE: 1/8" = 1'-0"

KEY PLAN:

PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
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ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
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TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	ISSUED FOR SCHEMATIC DESIGN	04 APR 2014
2	ISSUED FOR DESIGN DEVELOPMENT	01 JUL 2014
3	ISSUED FOR DESIGN DEVELOPMENT	31 JUL 2014
4	CD PROGRESS ISSUE 1	15 OCT 2014
5	ISSUED FOR BID - ELECTRICAL	15 OCT 2014
6	DOB SUBMISSION	19 DEC 2014
7	CD PROGRESS ISSUE 3	09 MAR 2015
8	DOB AMENDMENT 2	18 SEP 2015
9	CD PROGRESS ISSUE 6	02 NOV 2015
10	CD PROGRESS ISSUE 7	29 JAN 2016
11	CD PROGRESS ISSUE 8 - GMP SET	18 MAR 2016
12	CD BULLETIN ISSUE 6	26 AUG 2016
13	DOB AMENDMENT 3	03 OCT 2016

0 4'-0" 8'-0" 16'-0"

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CONSULTANT:
AKF
ONE LIBERTY PLAZA, 165 BROADWAY, 22nd FLOOR
NEW YORK, NY 10006
T: 212.354.5656 F: 212.354.5668
Philadelphia | Princeton | Dublin | Cleveland | Seattle

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
5th FLOOR PLAN - LIGHTING
(MFD-5th FLOOR)

SEAL & SIGNATURE:
STEVEN P. D. MOSS — STATE OF NEW YORK — 031135 — LICENSED PROFESSIONAL ENGINEER

DATE: 04/04/14
PROJECT No: Y130747-000
DRAWN: JJ/PW
CHK: EA
SCALE: 1/8" = 1'-0"
REV: 13
DWG No: **E-109.01**
DOB PAGE No: 11 of 127

DOB EMPLOYEE STAMP:
DOB B-SCAN:

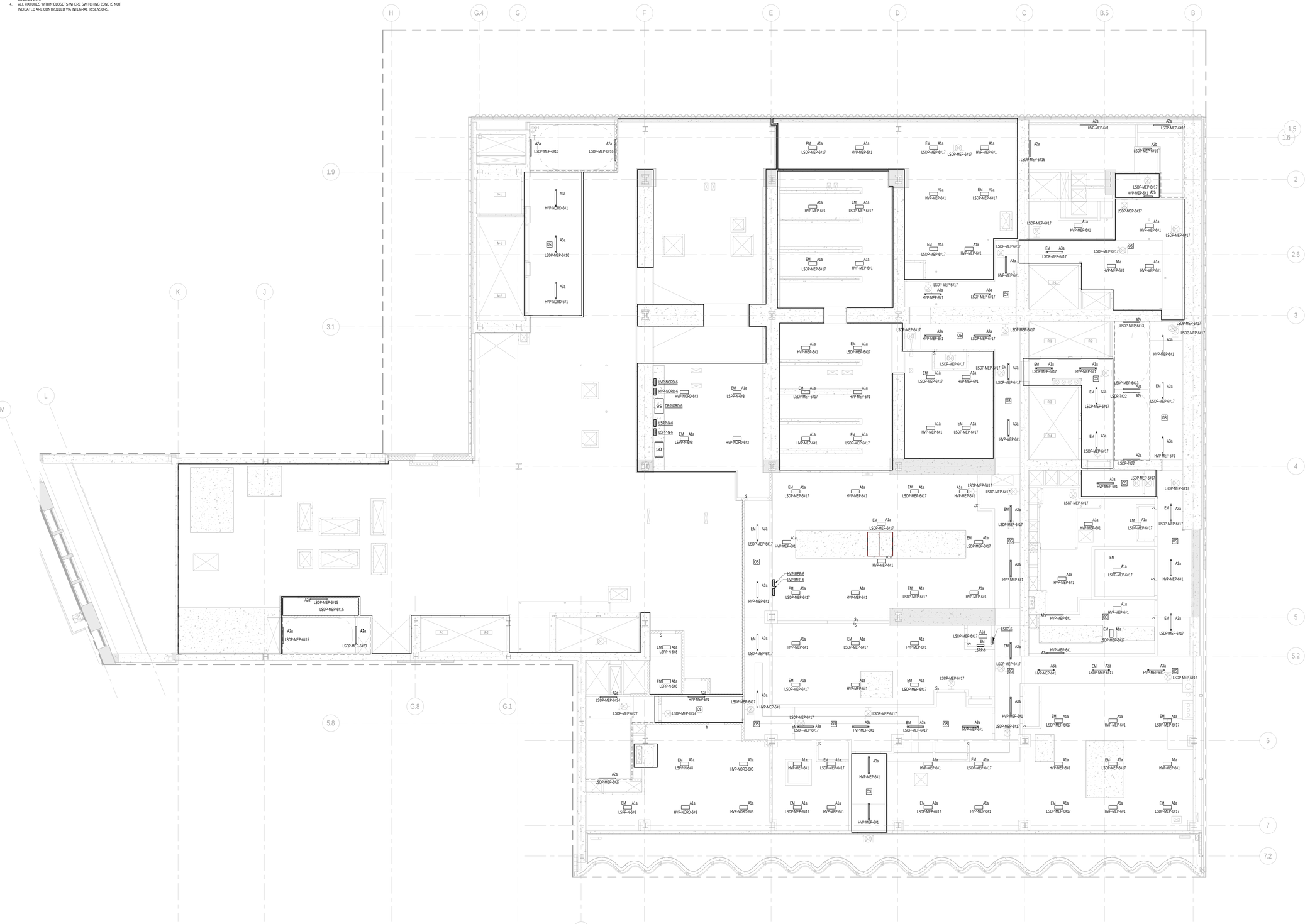
FILE NAME: C:\Revit Local Files\Y130747-000-AAF-865_MEP15-CENTRAL_jjangvari@akfgroup.com.rvt
PLOT DATE: 2/13/2017 2:41:17 PM

DEPT OF BLDGS 421263525 Job Number
B1000127443 Scan Code

36" x 48" Arch E SHEET SIZE

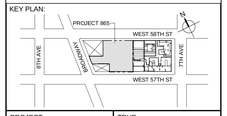
LIGHTING GENERAL NOTES:

1. LIGHTING CONTROLS SHALL BE PROVIDED AS PER MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4. AND AS MODIFIED BY 2011 NYCECC APPENDIX A. INCLUDING AUTOMATIC LIGHTING SHUTOFF (SECTION 9.4.1.1) SPACE CONTROL (9.4.1.2), EXTERIOR LIGHTING CONTROL (9.4.1.3) AND AS APPLICABLE, ADDITIONAL CONTROL (9.4.1.4).
2. EXIT SIGNS SHALL COMPLY WITH NYCECC 2011 MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4.3, NOT TO EXCEED 5W PER FACE. CONNECT ALL EXIT SIGNS ON FLOOR TO UNSWITCHED CIRCUIT INDICATED ON PLANS.
3. EXTERIOR BUILDING LIGHTING SHALL COMPLY WITH NYCECC MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4.4.
4. ALL FIXTURES WITHIN CLOSETS WHERE SWITCHING ZONE IS NOT INDICATED ARE CONTROLLED VIA INTEGRAL IR SENSORS.



1 6th FLOOR PLAN
SCALE: 1/8" = 1'-0"

KEY PLAN:



PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
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TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
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No.	DESCRIPTION	DATE
1	ISSUED FOR SCHEMATIC DESIGN	04 APR 2014
2	ISSUED FOR DESIGN DEVELOPMENT	01 JUL 2014
3	ISSUED FOR DESIGN DEVELOPMENT	31 JUL 2014
4	CD PROGRESS ISSUE 1	15 OCT 2014
5	ISSUED FOR BID - ELECTRICAL	15 OCT 2014
6	DOB SUBMISSION	19 DEC 2014
7	CD PROGRESS ISSUE 3	09 MAR 2015
8	DOB AMENDMENT 2	18 SEP 2015
9	CD PROGRESS ISSUE 6	02 NOV 2015
10	CD PROGRESS ISSUE 7	29 JAN 2016
11	CD PROGRESS ISSUE 8 - GMP SET	18 MAR 2016
12	CD BULLETIN ISSUE 3	25 MAY 2016
13	CD BULLETIN ISSUE 6	26 AUG 2016
14	DOB AMENDMENT 3	03 OCT 2016

0 4' - 0" 8' - 0" 16' - 0"

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CONSULTANT:
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NEW YORK, NY 10006
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Arlington • Austin • Mexico City • Pittsburgh • Toronto
Philadelphia • Shanghai • Seattle • Washington, D.C. • Zurich

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
6th FLOOR PLAN - LIGHTING
(MFD-6th FLOOR)

SEAL & SIGNATURE:

DATE:	04/04/14
PROJECT No:	V130747-000
DRAWN:	JJ/PW
REV:	14
CHK:	EA
SCALE:	1/8" = 1'-0"

DWG No:
E-110.01

DOB PAGE No: 12 of 127

DOB EMPLOYEE STAMP:

DOB B-SCAN:

FILE NAME: C:\Revit Local Files\V130747-000-AKF-865_MEP15-CENTRAL_jlangner@aklgroup.com.rvt
PLOT DATE: 2/13/2017 8:48:23 PM

DEPT OF BLDGS 121263525 Job Number
ES1605033499 Scan Code

36" x 48" Arch E SHEET SIZE

LIGHTING GENERAL NOTES:

1. LIGHTING CONTROLS SHALL BE PROVIDED AS PER MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4. AND AS MODIFIED BY 2011 NYCECC APPENDIX A INCLUDING AUTOMATIC LIGHTING SHUTOFF (SECTION 9.4.1.1) SPACE CONTROL (9.4.1.2), EXTERIOR LIGHTING CONTROL (9.4.1.3) AND AS APPLICABLE, ADDITIONAL CONTROL (9.4.1.4).
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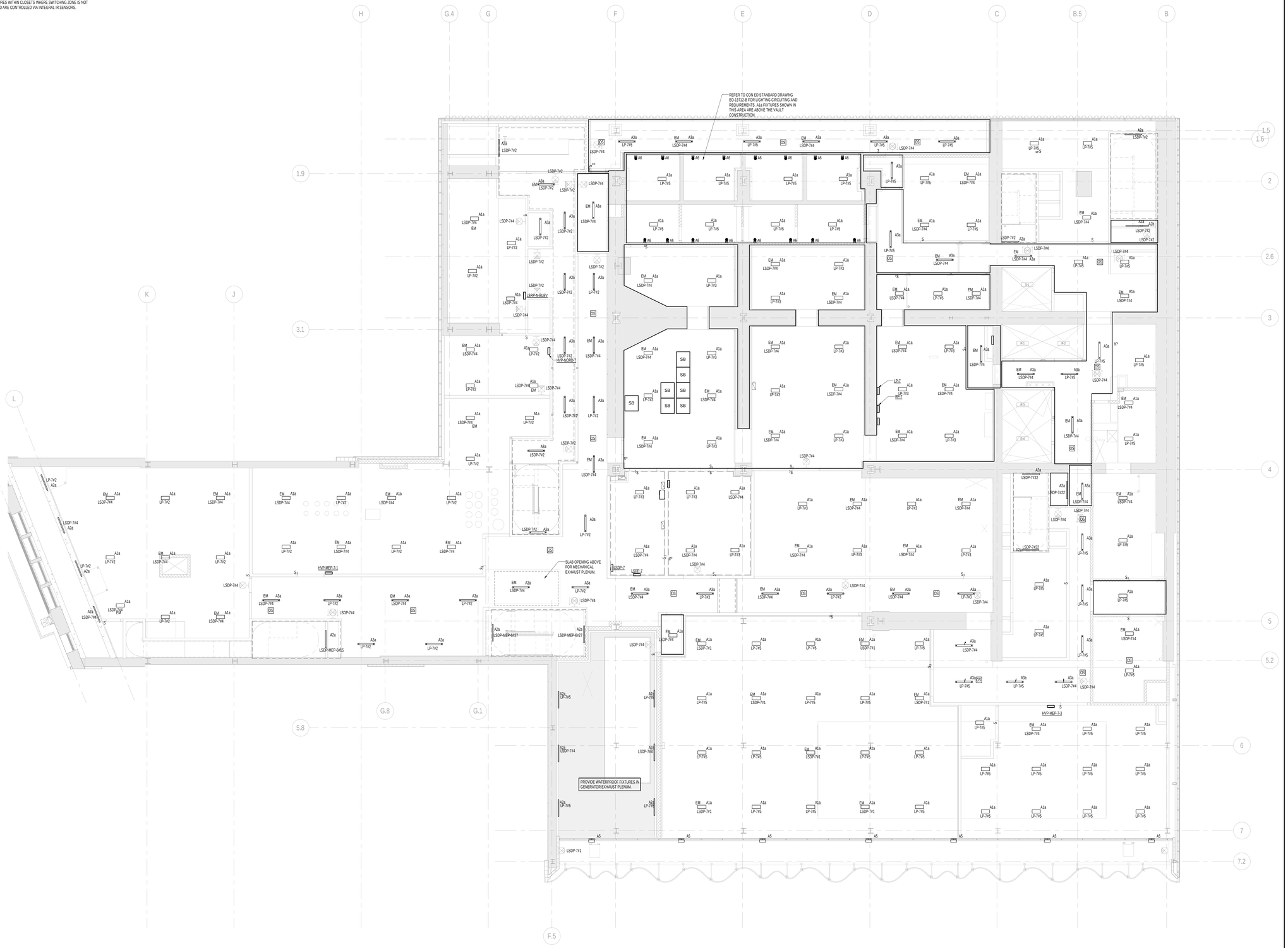
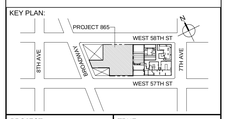
4. ALL FIXTURES WITHIN CLOSETS WHERE SWITCHING ZONE IS NOT INDICATED ARE CONTROLLED VIA INTEGRAL IR SENSORS.



1 7th FLOOR PLAN
SCALE: 1/8" = 1'-0"

KEY PLAN:



PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
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TEL: 416 967 1500 FAX: 416 967 7150

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MEP ENGINEERS:
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One Liberty Plaza, 165 Broadway, 22nd Floor
New York, NY 10006 USA
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GEOTECHNICAL ENGINEERS:
Langan Engineering & Environmental Services
21 Penn Plaza - 360 West 31st Street, 8th Floor
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CODE CONSULTANTS:
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LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	ISSUED FOR SCHEMATIC DESIGN	04 APR 2014
2	ISSUED FOR DESIGN DEVELOPMENT	01 JUL 2014
3	ISSUED FOR DESIGN DEVELOPMENT	31 JUL 2014
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5	ISSUED FOR BID - ELECTRICAL	15 OCT 2014
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10	CD PROGRESS ISSUE 7	29 JAN 2016
11	CD PROGRESS ISSUE 8 - GMP SET	18 MAR 2016
12	DOB AMENDMENT 3	03 OCT 2016
13	ISSUED FOR ASI #22	20 JUL 2017

0 4' - 0" 8' - 0" 16' - 0"

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CONSULTANT:
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Atlanta / Boise / Mexico City / Minneapolis / New York
Philadelphia / Rochester / Fairfax / Sacramento / Stamford

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
7th FLOOR PLAN - LIGHTING
(MFD-7th FLOOR)

SEAL & SIGNATURE:

DATE:	04/04/14
PROJECT No:	Y130747-000
DRAWN: JJ/PW	REV:
CHK: EA	13
SCALE: 1/8" = 1'-0"	

DWG No:
E-111.01

DOB PAGE No: 13 of 127

DOB EMPLOYEE STAMP:

DOB B-SCAN:

FILE NAME: C:\Revit Local Files\Y130747-000-AKF-IMD_MEP15-CENTRAL_jjengard@akfgroup.com.rvt
PLOT DATE: 2/7/2018 2:46:33 PM

DEPT OF BLDGS 421263525 Job Number
ES3445912417 Scan Code

36" x 48" Arch E SHEET SIZE

LIGHTING GENERAL NOTES:

1. LIGHTING CONTROLS SHALL BE PROVIDED AS PER MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4, AND AS MODIFIED BY 2011 NYCECC APPENDIX A INCLUDING AUTOMATIC LIGHTING SHUTOFF (SECTION 9.4.1.1) SPACE CONTROL (9.4.1.2), EXTERIOR LIGHTING CONTROL (9.4.1.3) AND AS APPLICABLE. ADDITIONAL CONTROL (9.4.1.4).
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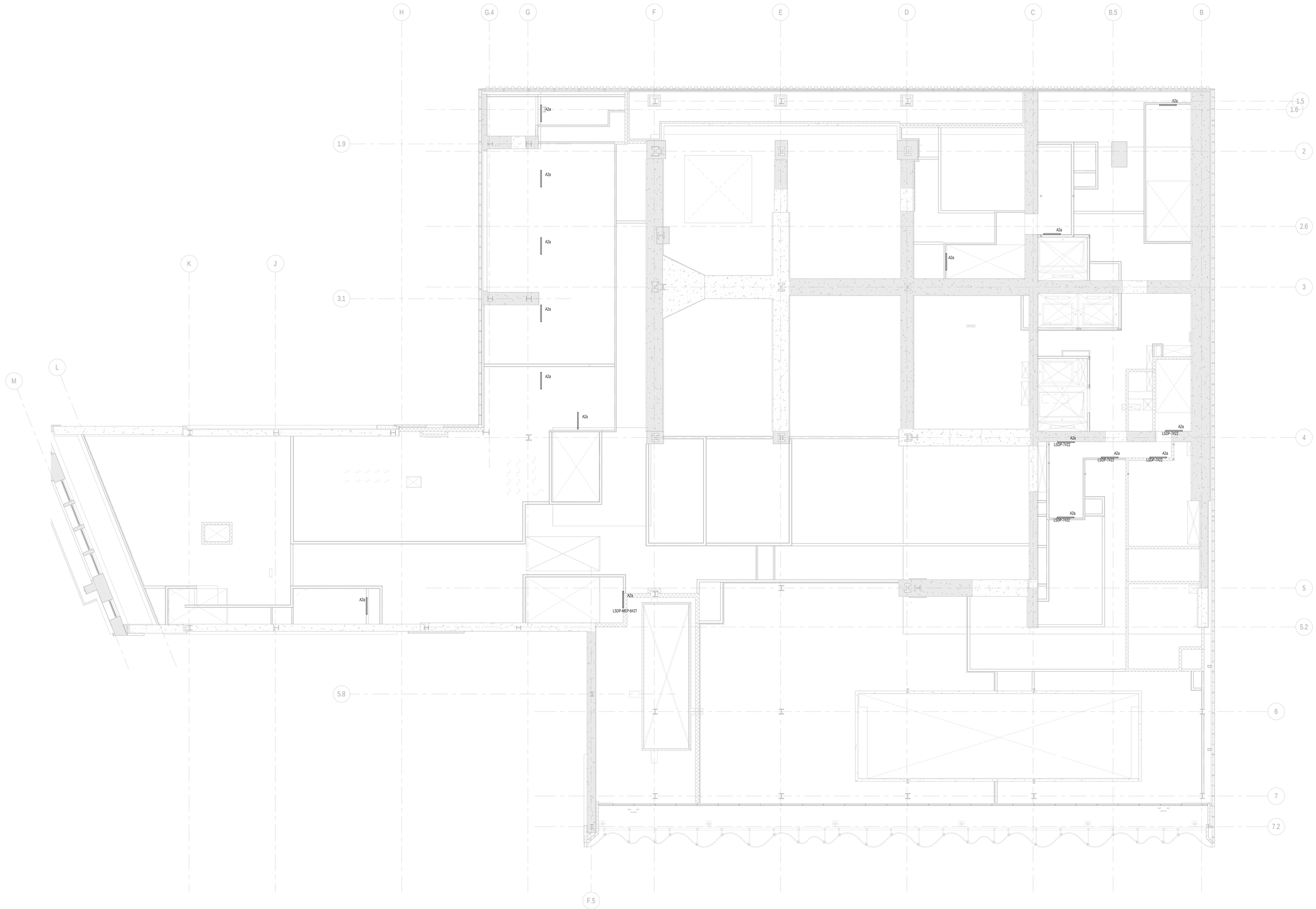
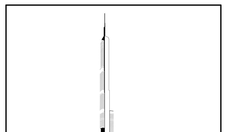
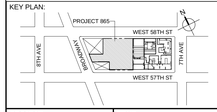
4. ALL FIXTURES WITHIN CLOSETS WHERE SWITCHING ZONE IS NOT INDICATED ARE CONTROLLED VIA INTEGRAL IR SENSORS.



1 7th FLOOR INTERMEDIATE PLAN
SCALE: 1/8" = 1'-0"



KEY PLAN:



PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
401 Wellington St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
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New York, NY 10017 USA
TEL: 212 687 9888 FAX: 646 487 5501

MEP ENGINEERS:
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One Liberty Plaza, 165 Broadway, 22nd Floor
New York, NY 10006 USA
TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS:
Langan Engineering & Environmental Services
21 Penn Plaza - 360 West 31st Street, 8th Floor
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TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS:
Construction Consulting Associates
100 Church Street
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TEL: 212 385 1818 FAX: 212 385 1911

CURTAINWALL CONSULTANT:
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LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
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No.	DESCRIPTION	DATE
1	CD PROGRESS ISSUE 6	02 NOV 2015
2	CD PROGRESS ISSUE 7	29 JAN 2016
3	CD PROGRESS ISSUE 8 - GMP SET	18 MAR 2016
4	DOB AMENDMENT 3	03 OCT 2016

0 4' - 0" 8' - 0" 16' - 0"

Discrepancies must be reported immediately to the Architect before proceeding. Only figured dimensions are to be used. Contractors must check all dimensions on site. This drawing is protected by copyright.

ALL DIMENSIONS ARE SHOWN IN IMPERIAL.

CONSULTANT:
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Atlanta | Boise | Metro City | Minneapolis | New York
Philadelphia | Houston | Dallas | Kuchera | Sanford

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
7th FLOOR INTERMEDIATE PLAN - LIGHITNG

SEAL & SIGNATURE:

DATE:	08/06/15
PROJECT No:	Y130747-000
DRAWN: PW	REV: 4
CHK: EA	
SCALE: 1/8" = 1'-0"	
DWG No:	**E-112.00**
DOB PAGE No:	14 of 127

DOB EMPLOYEE STAMP:

DOB B-SCAN:

FILE NAME: C:\Revit Local Files\Y15\747-000-AKF-R05_MEP15-CENTRAL_jlangner@akfgroup.com.rvt
PLOT DATE: 2/1/2016 2:46:42 PM

DEPT OF BLDGS 121263635 Job Number
B3000230490 Scan Code

36" x 48" Arch E SHEET SIZE

LIGHTING GENERAL NOTES:

1. LIGHTING CONTROLS SHALL BE PROVIDED AS PER MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4, AND AS MODIFIED BY 2011 NYCECC APPENDIX A INCLUDING AUTOMATIC LIGHTING SHUTOFF (SECTION 9.4.1.1) SPACE CONTROL (9.4.1.2), EXTERIOR LIGHTING CONTROL (9.4.1.3) AND AS APPLICABLE, ADDITIONAL CONTROL (9.4.1.4).
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3. EXTERIOR BUILDING LIGHTING SHALL COMPLY WITH NYCECC MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4.4.
4. ALL FIXTURES WITHIN CLOSETS WHERE SWITCHING ZONE IS NOT INDICATED ARE CONTROLLED VIA INTEGRAL IR SENSORS.

REFER TO TERRACE LIGHTING CONTROL DIAGRAM AND SCHEDULES ON E-606 AND E-607 FOR DIMMING WIRING AND CIRCUITING INFORMATION. SEE CBBLD DRAWINGS FOR LIGHTING ZONING AND FULL FIXTURE LAYOUT.

ROOF SETBACK. FINAL MEP/FP DESIGN PENDING APPROVED CHILLER LAYOUT BY OWNER.

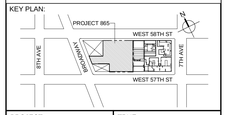
ASHRAE 9.4.1 Time switches & sensors

Automatic time control devices dimming systems or occupancy/vacancy sensors (where applicable) are not indicated in all required locations.
Show sensors ON ALL PLANS in all spaces required.

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

FILE NAME: C:\Revit Local Files\Y13\747-000-AKF-865_MEP15-CENTRAL_jlangner@akfgroup.com.rvt
PLOT DATE: 2/13/2015 4:46:59 PM

KEY PLAN:



PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

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New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	ISSUED FOR SCHEMATIC DESIGN	04 APR 2014
2	ISSUED FOR DESIGN DEVELOPMENT	01 JUL 2014
3	ISSUED FOR DESIGN DEVELOPMENT	31 JUL 2014
4	CD PROGRESS ISSUE 1	15 OCT 2014
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8	CD PROGRESS ISSUE 5	10 AUG 2015
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10	CD PROGRESS ISSUE 6	02 NOV 2015
11	CD PROGRESS ISSUE 7	29 JAN 2016
12	CD PROGRESS ISSUE 8 - GMP SET	18 MAR 2016
13	DOB AMENDMENT 3	03 OCT 2016
14	ISSUED FOR ASI #25	15 SEP 2017

0 4' - 0" 8' - 0" 16' - 0"

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ALL DIMENSIONS ARE SHOWN IN IMPERIAL.

CONSULTANT:
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ONE LIBERTY PLAZA, 165 BROADWAY, 22nd FLOOR
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Arlington | Boston | Mexico City | Minneapolis | New York
Philadelphia | Reading | Seattle | Washington, D.C. | Zurich

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
8th FLOOR PLAN - LIGHTING
(MFD-14th FLOOR)

SEAL & SIGNATURE:

STATE OF NEW YORK — ELIZABETH A. ANDRUS — LICENSED PROFESSIONAL ENGINEER

DATE:	04/04/14
PROJECT No:	Y130747-000
DRAWN:	JJ/PW
REV:	14
CHK:	EA
SCALE:	1/8" = 1'-0"
DWG No:	**E-113.01**
DOB PAGE No:	15 of 127

DOB EMPLOYEE STAMP:

DOB B-SCAN:

DEPT OF BLDGS 121263525 Job Number
E353577615 Scan Code

36" x 48" Arch E SHEET SIZE

LIGHTING GENERAL NOTES:

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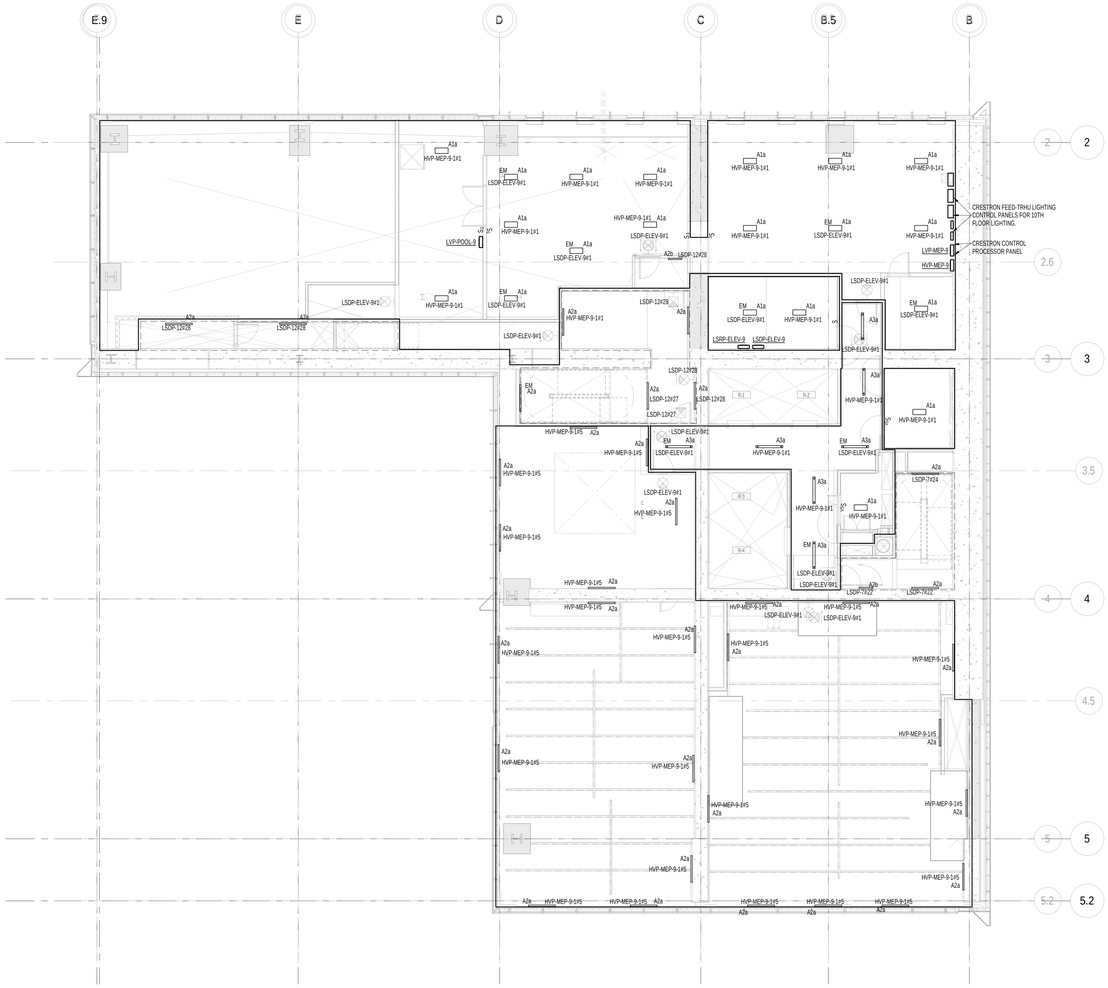
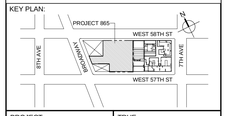
3. EXTERIOR BUILDING LIGHTING SHALL COMPLY WITH NYCECC MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4.4.
4. ALL FIXTURES WITHIN CLOSETS WHERE SWITCHING ZONE IS NOT INDICATED ARE CONTROLLED VIA INTEGRAL IR SENSORS.



1 9th FLOOR PLAN
SCALE: 1/8" = 1'-0"

KEY PLAN:



PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
New York, NY 10001
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ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
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LANDMARK/PRESERVATION CONSULTANT:
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39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	ISSUED FOR SCHEMATIC DESIGN	04 APR 2014
2	ISSUED FOR DESIGN DEVELOPMENT	01 JUL 2014
3	ISSUED FOR DESIGN DEVELOPMENT	31 JUL 2014
4	CD PROGRESS ISSUE 1	15 OCT 2014
5	ISSUED FOR BID - ELECTRICAL	15 OCT 2014
6	DOB SUBMISSION	19 DEC 2014
7	CD PROGRESS ISSUE 3	09 MAR 2015
8	DOB AMENDMENT 2	18 SEP 2015
9	CD PROGRESS ISSUE 6	02 NOV 2015
10	CD PROGRESS ISSUE 7	29 JAN 2016
11	CD PROGRESS ISSUE 8 - GMP SET	18 MAR 2016
12	DOB AMENDMENT 3	03 OCT 2016

0 4' - 0" 8' - 0" 16' - 0"

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CONSULTANT:
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Arlington | Austin | Miami | Dallas | Philadelphia | Washington
Philadelphia | Shanghai | Dublin | Northeast | Overseas

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
9th FLOOR PLAN - LIGHTING
(MFD-15th FLOOR)

SEAL & SIGNATURE:

DATE:	04/04/14
PROJECT No:	V130747-000
DRAWN: JJ/PW	REV:
CHK: EA	12
SCALE: 1/8" = 1'-0"	
DWG No:	**E-114.01**
DOB PAGE No:	16 of 127

DOB EMPLOYEE STAMP:

DOB B-SCAN:

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PLOT DATE: 2/13/2016 2:47:05 PM

DEPT OF BLDGS 121263525 Job Number
E350523923974 Scan Code

LIGHTING GENERAL NOTES:

1. LIGHTING CONTROLS SHALL BE PROVIDED AS PER MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4. AND AS MODIFIED BY 2011 NYCECC APPENDIX A INCLUDING AUTOMATIC LIGHTING SHUTOFF (SECTION 9.4.1.1) SPACE CONTROL (9.4.1.2), EXTERIOR LIGHTING CONTROL (9.4.1.3) AND AS APPLICABLE. ADDITIONAL CONTROL (9.4.1.4)
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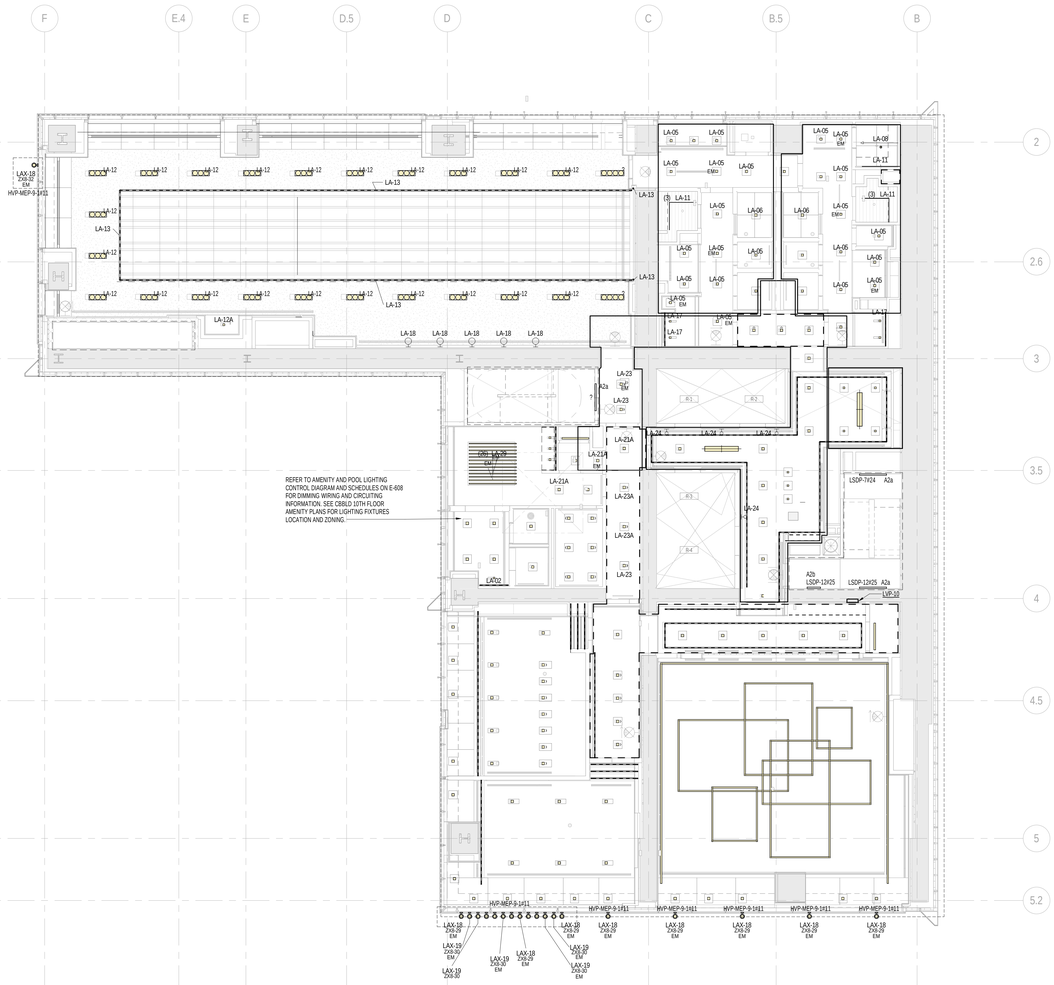
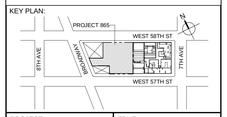


1 10th FLOOR PLAN
SCALE: 1/8" = 1'-0"

KEY PLAN:



PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
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TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
401 Wellington St. W., 3rd Floor
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New York, NY 10001-2727
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8	CD PROGRESS ISSUE 5	10 AUG 2015
9	DOB AMENDMENT 2	18 SEP 2015
10	CD PROGRESS ISSUE 6	02 NOV 2015
11	CD PROGRESS ISSUE 7	29 JAN 2016
12	CD PROGRESS ISSUE 8 - GMP SET	18 MAR 2016
13	DOB AMENDMENT 3	03 OCT 2016

0 4'-0" 8'-0" 16'-0"

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CONSULTANT:
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ONE LIBERTY PLAZA, 165 BROADWAY, 22nd FLOOR
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T: 212.354.5656 F: 212.354.5668
Arlington | Boston | Mexico City | Minneapolis | New York
Philadelphia | Princeton | Seattle | Richmond | Stamford

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
10th FLOOR PLAN - LIGHTING
(MFD-16th FLOOR)

SEAL & SIGNATURE:
STATE OF NEW YORK — CHRISTOPHER C. MCNEIL — 031139 — LICENSED PROFESSIONAL ENGINEER

DATE:	04/04/14
PROJECT No:	Y130747-000
DRAWN: JJ/PW	REV:
CHK: EA	13
SCALE: 1/8" = 1'-0"	
DWG No:	E-115.01
DOB PAGE No:	17 of 127

DOB EMPLOYEE STAMP: DOB B-SCAN:

36" x 48" Anvil E SHEET SIZE
FILE NAME: C:\Revit Local Files\Y130747-000-AKF-865_MEP15-CENTRAL_Jiangwei@akfgroup.com.rvt
PLOT DATE: 2/13/2017 1:47:14 PM

DEPT OF BLDGS 121263525 Job Number
E/S/X1120573 Scan Code

LIGHTING GENERAL NOTES:

1. LIGHTING CONTROLS SHALL BE PROVIDED AS PER MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4., AND AS MODIFIED BY 2011 NYCECC APPENDIX A INCLUDING AUTOMATIC LIGHTING SHUTOFF (SECTION 9.4.1.1) SPACE CONTROL (9.4.1.2), EXTERIOR LIGHTING CONTROL (9.4.1.3) AND AS APPLICABLE, ADDITIONAL CONTROL (9.4.1.4).
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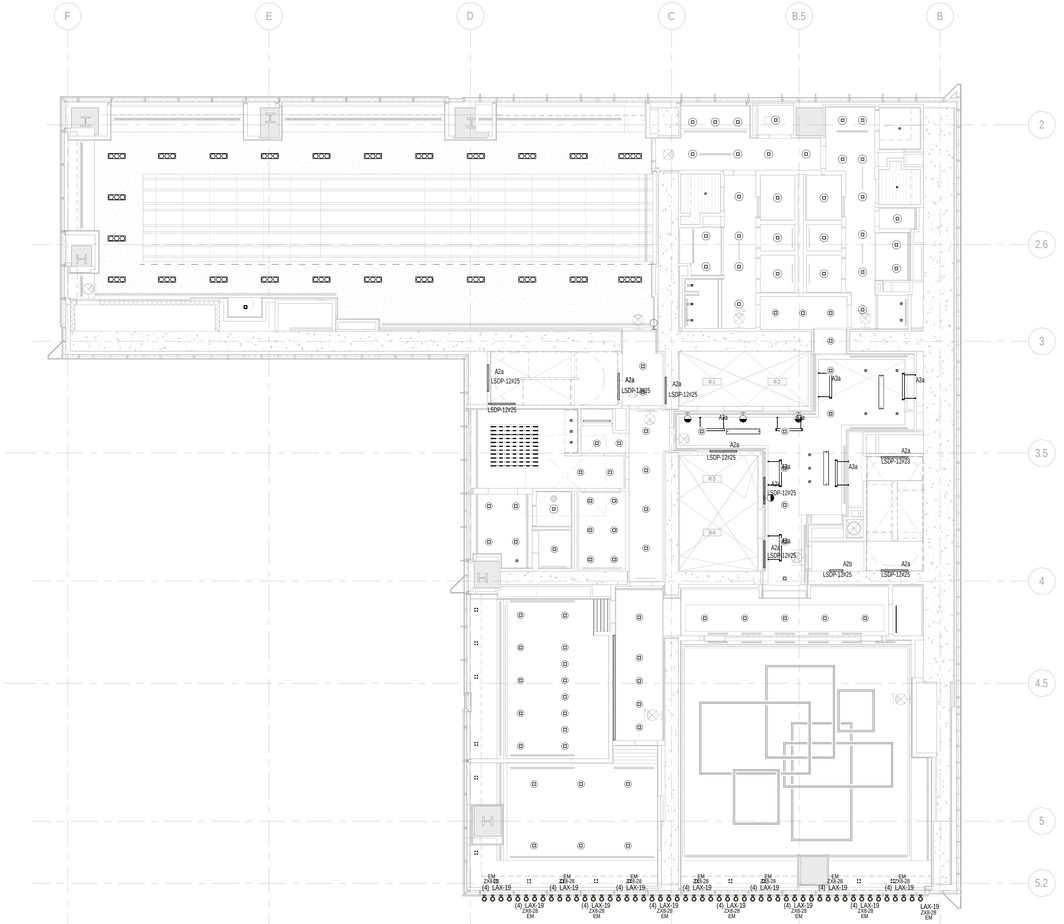
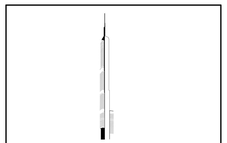
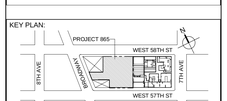


1 10th FLOOR INTERMEDIATE 1 PLAN
SCALE: 1/8" = 1'-0"



KEY PLAN:



PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
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New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
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Toronto, ON M5V 1E7 Canada
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CURTAINWALL CONSULTANT:
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New York, NY 10013
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LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
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TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	CD PROGRESS ISSUE 6	02 NOV 2015
2	CD PROGRESS ISSUE 7	29 JAN 2016
3	CD PROGRESS ISSUE 8 - GMP SET	18 MAR 2016
4	DOB AMENDMENT 3	03 OCT 2016

0 4'-0" 8'-0" 16'-0"

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CONSULTANT:
AKF
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Arlington / Boston / Mexico City / Minneapolis / New York
Philadelphia / Princeton / Puebla / Richmond / Stamford

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
10th FLOOR INTERMEDIATE 1 PLAN - LIGHTING (MFD-17th FLOOR)

SEAL & SIGNATURE:

DATE:	08/06/15
PROJECT No:	Y130747-000
DRAWN: PW	REV: 4
CHK: EA	
SCALE: 1/8" = 1'-0"	
DWG No:	**E-116.00**
DOB PAGE No:	18 of 127

DOB EMPLOYEE STAMP: DOB B-SCAN:

36" x 48" Arch E SHEET SIZE
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PLOT DATE: 2/13/2017 2:47:25 PM

DEPT OF BLDGS 421263525 Job Number
E366412395529 Scan Code

LIGHTING GENERAL NOTES:

1. LIGHTING CONTROLS SHALL BE PROVIDED AS PER MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4. AND AS MODIFIED BY 2011 NYCECC APPENDIX A INCLUDING AUTOMATIC LIGHTING SHUTOFF (SECTION 9.4.1.1) SPACE CONTROL (9.4.1.2), EXTERIOR LIGHTING CONTROL (9.4.1.3) AND AS APPLICABLE. ADDITIONAL CONTROL (9.4.1.4).
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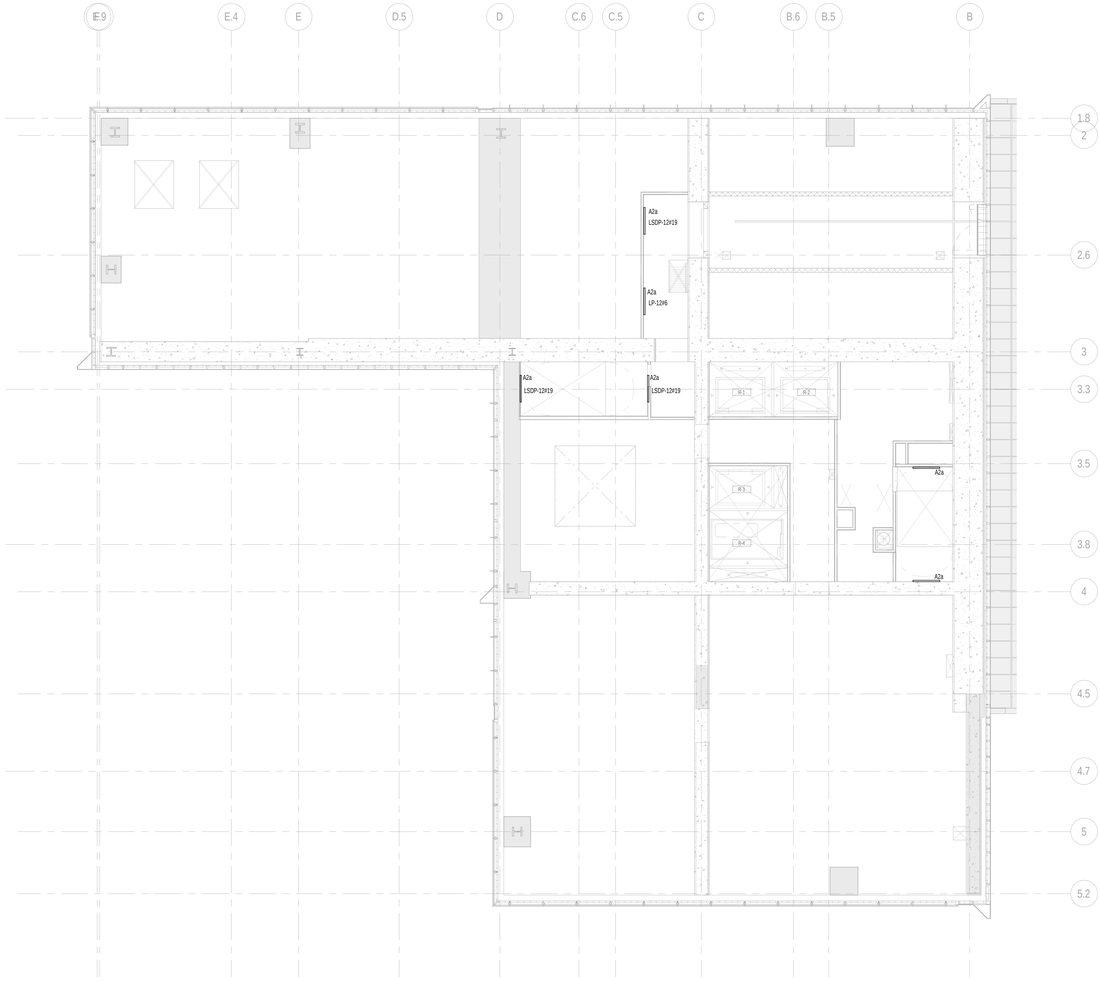
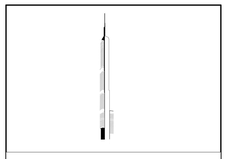
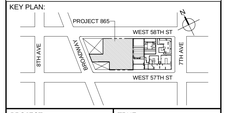


1 11th FLOOR BMU PLAN
SCALE: 1/8" = 1'-0"



KEY PLAN:



PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
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0 4'-0" 8'-0" 16'-0"

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Arlington | Denver | Mexico City | Minneapolis | New York
Philadelphia | Princeton | Seattle | Stamford | Washington

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
11th FLOOR BMU PLAN - LIGHTING
(MFD-19th FLOOR)

SEAL & SIGNATURE:
STATE OF NEW YORK · CHRISTOPHER D. MCNULTY · 091139 · LICENSED PROFESSIONAL ENGINEER

DATE:	08/06/15
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DRAWN: JJ/PW	REV: 12
CHK: EA	
SCALE: 1/8" = 1'-0"	
DWG No:	**E-118.01**
DOB PAGE No:	19 of 127

DOB EMPLOYEE STAMP:

DOB B-SCAN:

36" x 48" Arch E SHEET SIZE
FILE NAME: C:\Revit Local Files\Y130747-000-MEP-MEP15-CENTRAL_jjahgner@akfgroup.com.rvt
PLOT DATE: 2/19/2016 2:47:28 PM

DEPT OF BLDGS 121263535 Job Number
B30080830250 Scan Code

36" x 48" Arch E SHEET SIZE

FAA LIGHTING NOTES:

1. REFER TO ARCHITECTURAL PLANS FOR FAA LIGHTING SPECIFICATIONS AND EXACT LOCATIONS.
2. PROVIDE CIRCUIT TO FAA OBSTRUCTION LIGHTING CONTROL PANEL LOCATED IN THE 95TH FLOOR ELECTRICAL ROOM.
3. PROVIDE EATON PHOTOELECTRIC CONTROL (PCR) AT FAA OBSTRUCTION LIGHTING LOCATIONS. RUN 2#12 + 1#12GND FROM EACH PHOTOCELL TO THE OBSTRUCTION LIGHTING CONTROL PANEL ON THE 95TH FLOOR.
4. ALL FAA OBSTRUCTION LIGHTS TO BE EATON CROUSE-HINDS CBL184 RED MEDIUM INTENSITY BEACON. RUN 2#12 + 1#12GND FROM EACH FAA OBSTRUCTION LIGHT TO THE OBSTRUCTION LIGHTING CONTROL PANEL ON THE 95TH FLOOR.

LIGHTING GENERAL NOTES:

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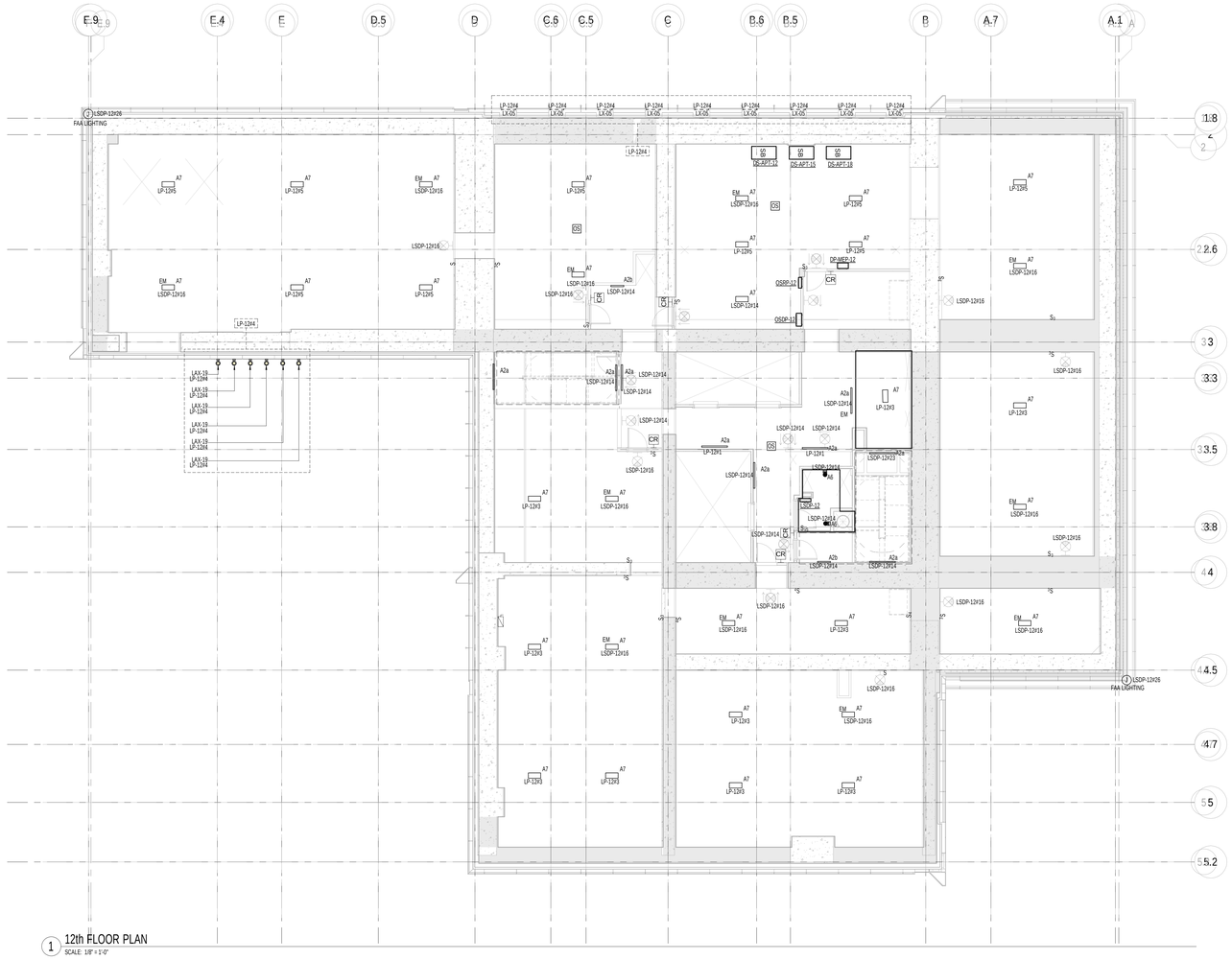
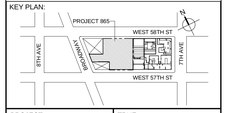


1 12th FLOOR PLAN
SCALE: 1/8" = 1'-0"

KEY PLAN:



PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
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TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
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TEL: 212 687 9888 FAX: 646 487 5501

MEP ENGINEERS:
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New York, NY 10006 USA
TEL: 212 354 5656 FAX: 212 354 5668

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New York, NY 10001-2727
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CODE CONSULTANTS:
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CURTAINWALL CONSULTANT:
AJLP Consulting
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New York, NY 10013
TEL: 212 757 5659 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	ISSUED FOR SCHEMATIC DESIGN	04 APR 2014
2	ISSUED FOR DESIGN DEVELOPMENT	01 JUL 2014
3	ISSUED FOR DESIGN DEVELOPMENT	31 JUL 2014
4	CD PROGRESS ISSUE 1	15 OCT 2014
5	ISSUED FOR BID - ELECTRICAL	15 OCT 2014
6	DOB SUBMISSION	19 DEC 2014
7	CD PROGRESS ISSUE 3	09 MAR 2015
8	CD PROGRESS ISSUE 6	02 NOV 2015
9	CD PROGRESS ISSUE 7	29 JAN 2016
10	CD PROGRESS ISSUE 8 - GMP SET	18 MAR 2016
11	CD BULLETIN ISSUE 2	06 MAY 2016
12	CD BULLETIN ISSUE 3	25 MAY 2016
13	DOB AMENDMENT 3	03 OCT 2016

0 4'-0" 8'-0" 16'-0"

Discrepancies must be reported immediately to the Architect before proceeding. Only figured dimensions are to be used. Contractors must check all dimensions on site. This drawing is protected by copyright.

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CONSULTANT:
A K F
ONE LIBERTY PLAZA, 165 BROADWAY, 22nd FLOOR
NEW YORK, NY 10006
T: 212.354.5656 F: 212.354.5668
Chicago | Detroit | Mexico City | Minneapolis | New York
Philadelphia | Princeton | Puebla | Rochester | Stamford

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
12th FLOOR PLAN - LIGHTING
(MFD-20th FLOOR)

SEAL & SIGNATURE:

DATE:	04/04/14
PROJECT No:	Y130747-000
DRAWN: JJ/PW	REV: 13
CHK: EA	
SCALE: 1/8" = 1'-0"	
DWG No:	**E-119.00**
DOB PAGE No:	20 of 127

DOB EMPLOYEE STAMP:

DOB B-SCAN:

FILE NAME: C:\Revit Local Files\Y130747-000-AKF-865_MEP15-CENTRAL_Jiangww@adlgroup.com.rvt
PLOT DATE: 2/13/2017 2:47:49 PM

DEPT OF BLDGS Y130747000 Job Number
E300121120050 Scan Code

36" x 48" Arch E SHEET SIZE

LIGHTING GENERAL NOTES:

1. LIGHTING CONTROLS SHALL BE PROVIDED AS PER MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4, AND AS MODIFIED BY 2011 NYCECC APPENDIX A INCLUDING AUTOMATIC LIGHTING SHUTOFF (SECTION 9.4.1.1) SPACE CONTROL (9.4.1.2), EXTERIOR LIGHTING CONTROL (9.4.1.3) AND AS APPLICABLE ADDITIONAL CONTROL (9.4.1.4).
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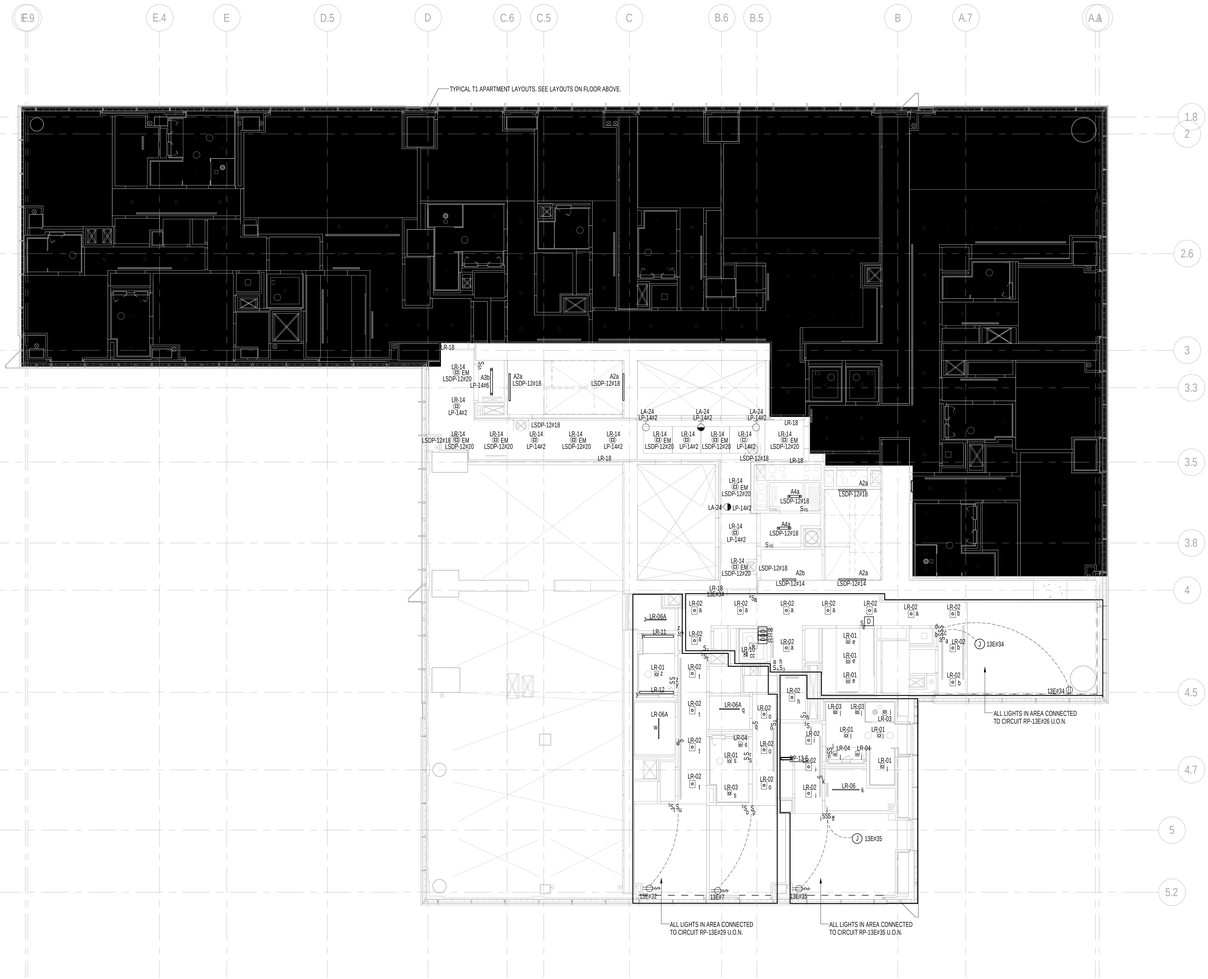
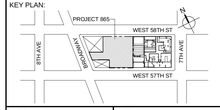


1 13th FLOOR PLAN
SCALE: 1/8" = 1'-0"

KEY PLAN:



PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
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ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
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No.	DESCRIPTION	DATE
1	CD PROGRESS ISSUE 6	02 NOV 2015
2	CD PROGRESS ISSUE 7	29 JAN 2016
3	CD PROGRESS ISSUE 8 - GMP SET	18 MAR 2016
4	CD BULLETIN ISSUE 4	15 JUL 2016
5	CD BULLETIN ISSUE 7	14 SEPT 2016
6	DOB AMENDMENT 3	03 OCT 2016

0 4' - 0" 8' - 0" 16' - 0"

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ONE LIBERTY PLAZA, 165 BROADWAY, 22nd FLOOR
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T: 212.354.5656 F: 212.354.5668
Irvine | Boise | Mexico City | Minneapolis | New York
Philadelphia | Raleigh | Seattle | Washington | Zurich

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
13th FLOOR PLAN - LIGHTING
(MFD-32nd FLOOR)

SEAL & SIGNATURE:

DATE:	08/06/15
PROJECT No:	Y130747-000
DRAWN: PW	REV: 6
CHK: EA	
SCALE: 1/8" = 1'-0"	
DWG No:	E-120.00
DOB PAGE No:	21 of 127

DOB EMPLOYEE STAMP: DOB B-SCAN:

FILE NAME: C:\Revit Local Files\Y130747-000-AKF-865_MEP15-CENTRAL_jlangner@akfgroup.com.rvt
PLOT DATE: 2/17/2016 2:47:57 PM

DEPT OF BLDGS 121263635 Job Number
E537789905 Scan Code

36" x 48" ANSI E SHEET SIZE

LIGHTING GENERAL NOTES:

1. LIGHTING CONTROLS SHALL BE PROVIDED AS PER MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4. AND AS MODIFIED BY 2011 NYCECC APPENDIX A INCLUDING AUTOMATIC LIGHTING SHUTOFF (SECTION 9.4.1.1) SPACE CONTROL (9.4.1.2), EXTERIOR LIGHTING CONTROL (9.4.1.3) AND AS APPLICABLE, ADDITIONAL CONTROL (9.4.1.4).
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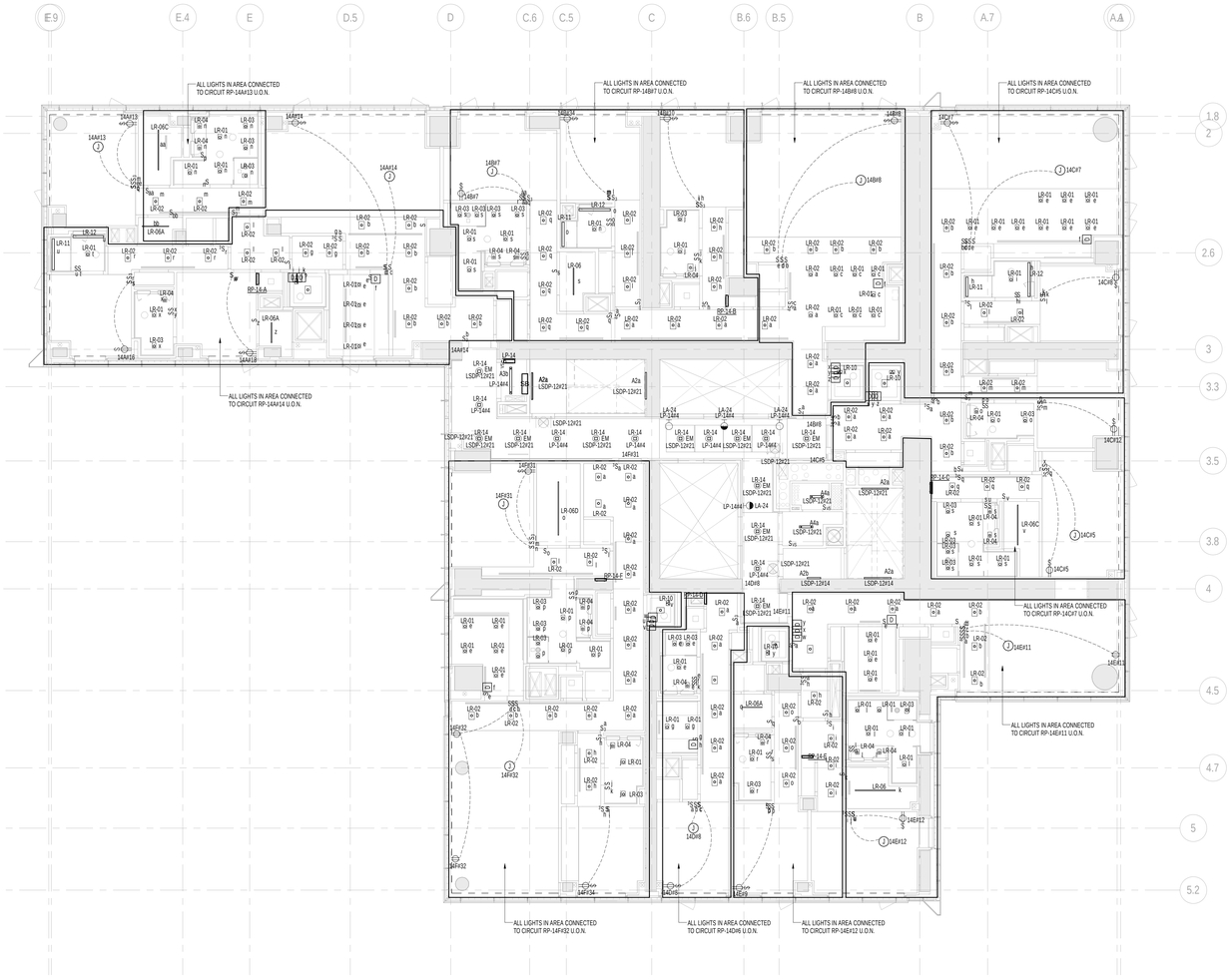

1 14th FLOOR PLAN
SCALE: 1/8" = 1'-0"

KEY PLAN:

PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
401 Wellington St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
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No.	DESCRIPTION	DATE
1	CD PROGRESS ISSUE 6	02 NOV 2015
2	CD PROGRESS ISSUE 7	29 JAN 2016
3	CD PROGRESS ISSUE 8 - GMP SET	18 MAR 2016
4	CD BULLETIN ISSUE 4	15 JUL 2016
5	CD BULLETIN ISSUE 7	14 SEPT 2016
6	DOB AMENDMENT 3	03 OCT 2016

0 4' - 0" 8' - 0" 16' - 0"

Discrepancies must be reported immediately to the Architect before proceeding. Only figured dimensions are to be used. Contractors must check all dimensions on site. This drawing is protected by copyright.

ALL DIMENSIONS ARE SHOWN IN IMPERIAL.

CONSULTANT:
AKF
ONE LIBERTY PLAZA, 165 BROADWAY, 22nd FLOOR
NEW YORK, NY 10006
T: 212.354.5656 F: 212.354.5668
Arlington | Bend | Mexico City | Minneapolis | New York
Philadelphia | Roseville | Dublin | Spokane | Stamford

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
14th FLOOR PLAN - LIGHTING
(MFD-33rd FLOOR)

SEAL & SIGNATURE:

STATE OF NEW YORK · DEPARTMENT OF STATE · LICENSED PROFESSIONAL ENGINEER · PE 075170

DATE:	08/06/15
PROJECT No:	Y130747-000
DRAWN: PW	REV:
CHK: EA	6
SCALE: 1/8" = 1'-0"	
DWG No:	
E-121.00	
DOB PAGE No: 22 of 127	

DOB EMPLOYEE STAMP:

DOB B-SCAN:

FILE NAME: C:\Revit Local Files\Y130747-000-AKF-865_MEP15-CENTRAL_jlangner@akfgroup.com.rvt
PLOT DATE: 2/3/16 2:48:01 PM

DEPT OF BLDGS 421263635 Job Number
ESTIMATING Scan Code

36" x 48" Arch E SHEET SIZE

LIGHTING GENERAL NOTES:

1. LIGHTING CONTROLS SHALL BE PROVIDED AS PER MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4, AND AS MODIFIED BY 2011 NYCECC APPENDIX A INCLUDING AUTOMATIC LIGHTING SHUTOFF (SECTION 9.4.1.1) SPACE CONTROL (9.4.1.2), EXTERIOR LIGHTING CONTROL (9.4.1.3) AND AS APPLICABLE, ADDITIONAL CONTROL (9.4.1.4).
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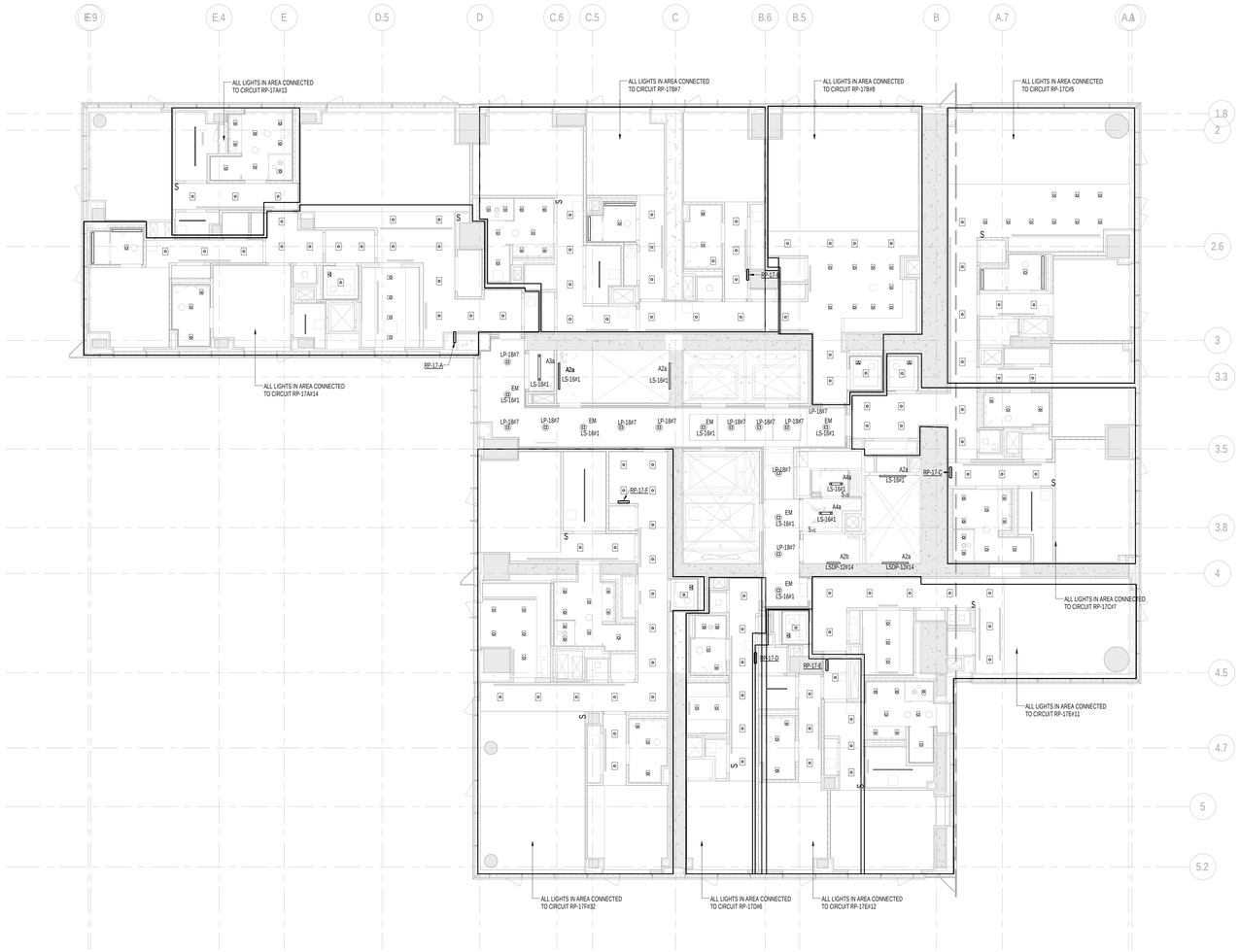

1 TYPICAL 14th-19th FLOOR PLANS
SCALE: 1/8" = 1'-0"

KEY PLAN:

PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

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TEL: 646 998 7000 FAX:

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Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

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LANDMARK/PRESERVATION CONSULTANT:
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39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	DOB SUBMISSION	19 DEC 2014
2	CD PROGRESS ISSUE 3	09 MAR 2015
3	DOB AMENDMENT 2	18 SEP 2015
4	CD PROGRESS ISSUE 6	02 NOV 2015
5	CD PROGRESS ISSUE 7	29 JAN 2016
6	CD PROGRESS ISSUE 8 - GMP SET	18 MAR 2016
7	DOB AMENDMENT 3	03 OCT 2016

0 4'-0" 8'-0" 16'-0"

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CONSULTANT:
AKF
ONE LIBERTY PLAZA, 165 BROADWAY, 22nd FLOOR
NEW YORK, NY 10006
T: 212.354.5656 F: 212.354.5668
Arlington | Austin | Atlanta City | Minneapolis | New York
Philadelphia | Princeton | Florida | Richmond | Stamford

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
17th FLOOR PLAN - LIGHTING
(TYPICAL 14th-19th FLOORS)
(MFD-33rd-38th FLOOR)

SEAL & SIGNATURE:

DATE:	12/16/14
PROJECT No:	Y130747-000
DRAWN:	JJ/PW
CHK:	EA
SCALE:	1/8" = 1'-0"
REV:	7
DWG No:	**E-123.01**
DOB PAGE No:	23 of 127

DOB EMPLOYEE STAMP:

DOB B-SCAN:

FILE NAME: C:\Revit Local Files\Y130747-000-MEP-865_MEP15-CENTRAL_jjangner@adlpnyc.com.rvt
PLOT DATE: 2/13/2017 2:48:11 PM

DEPT OF BUILDINGS 421305205 Job Number
ESS3353892059 Scan Code

LIGHTING GENERAL NOTES:

1. LIGHTING CONTROLS SHALL BE PROVIDED AS PER MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4. AND AS MODIFIED BY 2011 NYCECC APPENDIX A INCLUDING AUTOMATIC LIGHTING SHUTOFF (SECTION 9.4.1.1) SPACE CONTROL (9.4.1.2), EXTERIOR LIGHTING CONTROL (9.4.1.3) AND AS APPLICABLE ADDITIONAL CONTROL (9.4.1.4).
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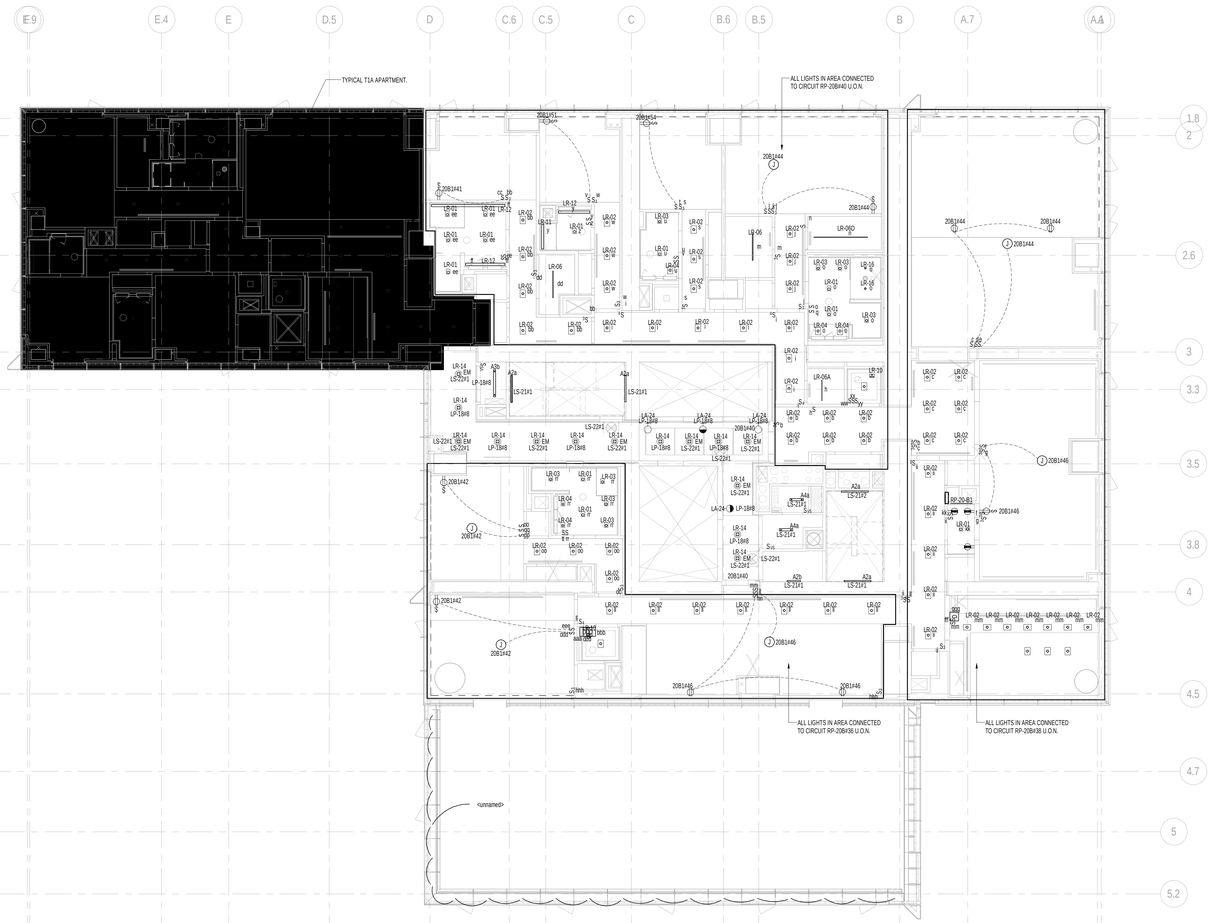
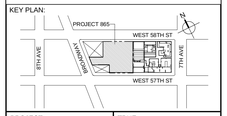


1 20th FLOOR PLAN
SCALE: 1/8" = 1'-0"

KEY PLAN:



PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
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TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	ISSUED FOR SCHEMATIC DESIGN	04 APR 2014
2	ISSUED FOR DESIGN DEVELOPMENT	01 JUL 2014
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5	ISSUED FOR BID - ELECTRICAL	15 OCT 2014
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7	CD PROGRESS ISSUE 3	09 MAR 2015
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0 4'-0" 8'-0" 16'-0"

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ALL DIMENSIONS ARE SHOWN IN IMPERIAL.

CONSULTANT:
AKF
ONE LIBERTY PLAZA, 165 BROADWAY, 22nd FLOOR
NEW YORK, NY 10006
T: 212.354.5656 F: 212.354.5668
Abilene | Denver | Mexico City | Minneapolis | New York
Philadelphia | Houston | Puebla | Redwood | Stamford

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
20th FLOOR PLAN - LIGHTING
(MFD-39th FLOOR)

SEAL & SIGNATURE:
STATE OF NEW YORK — CHRISTOPHER D. MCNULTY — No. 075139 — LICENSED PROFESSIONAL ENGINEER

DATE:	04/04/14
PROJECT No:	Y130747-000
DRAWN: JJ/PW	REV:
CHK: EA	14
SCALE: 1/8" = 1'-0"	
DWG No:	E-126.01
DOB PAGE No:	24 of 127

DOB EMPLOYEE STAMP: DOB B-SCAN:

36" x 48" Arch E SHEET SIZE

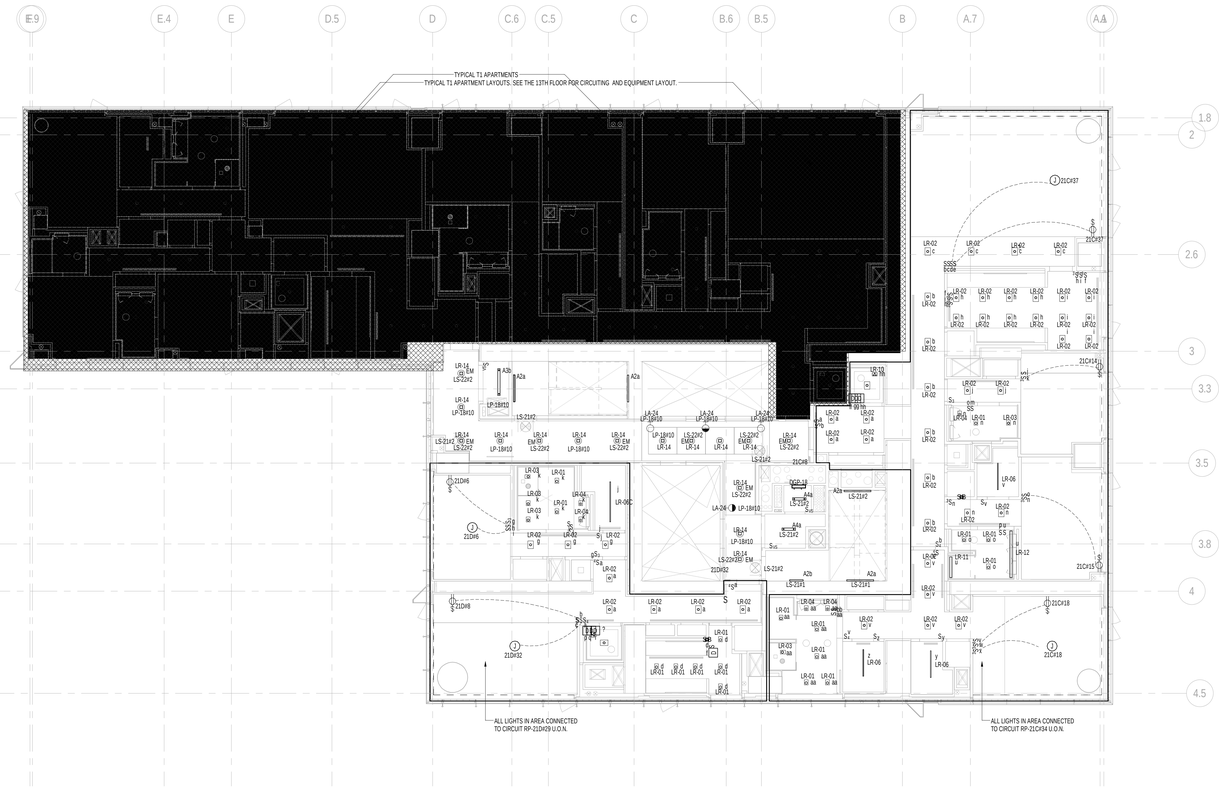
FILE NAME: C:\Revit Local Files\Y13074?-000-MKF-865_MEP15-CENTRAL_jjahgner@akfgroup.com.rvt
PLOT DATE: 2/19/2016 2:48:21 PM

DEPT OF BLDGS 421243525 Job Number
ES5345701350 Scan Code

36" x 48" Arch E SHEET SIZE

LIGHTING GENERAL NOTES:

1. LIGHTING CONTROLS SHALL BE PROVIDED AS PER MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4, AND AS MODIFIED BY 2011 NYCECC APPENDIX A. INCLUDING AUTOMATIC LIGHTING SHUTOFF (SECTION 9.4.1.1) SPACE CONTROL (9.4.1.2), EXTERIOR LIGHTING CONTROL (9.4.1.3) AND AS APPLICABLE, ADDITIONAL CONTROL (9.4.1.4).
2. EXIT SIGNS SHALL COMPLY WITH NYCECC 2011 MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4.3, NOT TO EXCEED 5W PER FACE. CONNECT ALL EXIT SIGNS ON FLOOR TO UNSWITCHED CIRCUIT INDICATED ON PLANS.
3. EXTERIOR BUILDING LIGHTING SHALL COMPLY WITH NYCECC. MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4.4
4. ALL FIXTURES WITHIN CLOSETS WHERE SWITCHING ZONE IS NOT INDICATED ARE CONTROLLED VIA INTEGRAL IR SENSORS.



1 TYPICAL 21st-26th FLOOR PLANS
SCALE: 1/8" = 1'-0"

KEY PLAN:

PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
401 Wellington St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
WSP CANTOR SEINUK
228 EAST 45th Street
New York, NY 10017 USA
TEL: 212 687 9888 FAX: 646 487 5501

MEP ENGINEERS:
AKF GROUP
One Liberty Plaza, 165 Broadway, 22nd Floor
New York, NY 10006 USA
TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS:
Langan Engineering & Environmental Services
21 Penn Plaza - 360 West 31st Street, 8th Floor
New York, NY 10001-2727
TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS:
Construction Consulting Associates
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New York, NY 10007
TEL: 212 385 1818 FAX: 212 385 1911

CURTAINWALL CONSULTANT:
AJLP Consulting
40 Worth Street. Suite 826
New York, NY 10013
TEL: 212 757 5659 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	DOB SUBMISSION	19 DEC 2014
2	CD PROGRESS ISSUE 3	09 MAR 2015
3	DOB AMENDMENT 2	18 SEP 2015
4	CD PROGRESS ISSUE 6	02 NOV 2015
5	CD PROGRESS ISSUE 7	29 JAN 2016
6	CD PROGRESS ISSUE 8 - GMP SET	18 MAR 2016
7	CD BULLETIN ISSUE 4	15 JUL 2016
8	CD BULLETIN ISSUE 7	14 SEPT 2016
9	DOB AMENDMENT 3	03 OCT 2016

0 4'-0" 8'-0" 16'-0"

Discrepancies must be reported immediately to the Architect before proceeding. Only figured dimensions are to be used. Contractors must check all dimensions on site. This drawing is protected by copyright.

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CONSULTANT:
AKF
ONE LIBERTY PLAZA, 165 BROADWAY, 22nd FLOOR
NEW YORK, NY 10006
T: 212.354.5656 F: 212.354.5668
Arlington / Denver / Mexico City / Minneapolis / New York
Philadelphia / Princeton / Puebla / Richmond / Stamford

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
21st FLOOR PLAN - LIGHTING
(TYPICAL 21st-26th FLOORS)
(MFD-43rd-49th FLOOR)

SEAL & SIGNATURE:
STATE OF NEW YORK — CHRISTOPHER D. MCNEIL — No. 091139 — LICENSED PROFESSIONAL ENGINEER

DATE:	12/16/14
PROJECT No:	Y130747-000
DRAWN: JJ/PW	REV:
CHK: EA	9
SCALE: 1/8" = 1'-0"	
DWG No:	E-127.01
DOB PAGE No:	25 of 127

DOB EMPLOYEE STAMP: DOB B-SCAN:

FILE NAME: C:\Revit Local Files\Y130747-000-MAT-R6_MEP15-CENTRAL_jjangner@akfgroup.com.rvt
PLOT DATE: 2/19/2016 2:48:38 PM

DEPT OF BLDGS 121263525 Job Number
B1610740099 Scan Code

36" x 48" Arch E SHEET SIZE

LIGHTING GENERAL NOTES:

1. LIGHTING CONTROLS SHALL BE PROVIDED AS PER MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4, AND AS MODIFIED BY 2011 NYCECC APPENDIX A INCLUDING AUTOMATIC LIGHTING SHUTOFF (SECTION 9.4.1.1) SPACE CONTROL (9.4.1.2), EXTERIOR LIGHTING CONTROL (9.4.1.3) AND AS APPLICABLE, ADDITIONAL CONTROL (9.4.1.4).
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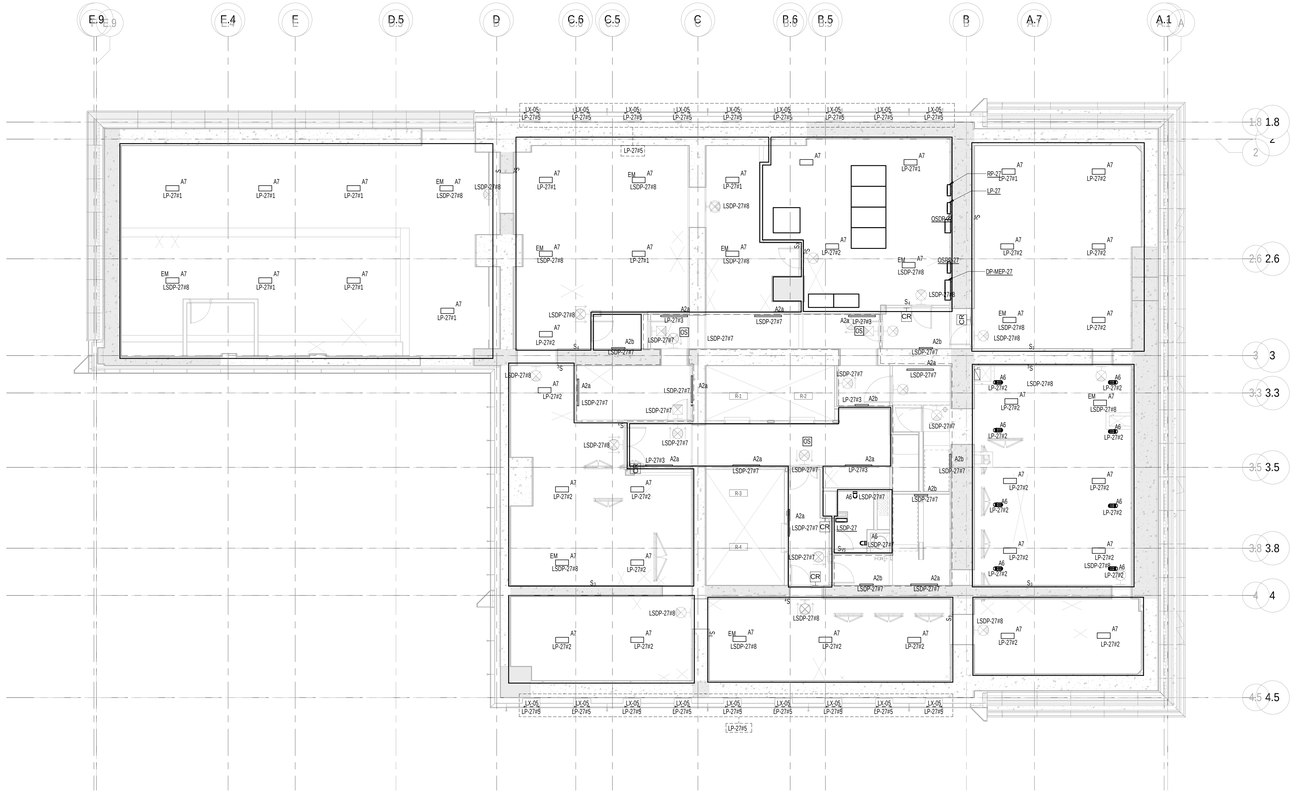
4. ALL FIXTURES WITHIN CLOSETS WHERE SWITCHING ZONE IS NOT INDICATED ARE CONTROLLED VIA INTEGRAL IR SENSORS.



1 27th FLOOR PLAN
SCALE: 1/8" = 1'-0"

KEY PLAN:

PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
401 Wellington St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
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MEP ENGINEERS:
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New York, NY 10006 USA
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GEOTECHNICAL ENGINEERS:
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21 Penn Plaza - 360 West 31st Street, 8th Floor
New York, NY 10001-2727
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CODE CONSULTANTS:
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100 Church Street
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CURTAINWALL CONSULTANT:
AJLP Consulting
40 Worth Street. Suite 826
New York, NY 10013
TEL: 212 757 5659 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	ISSUED FOR SCHEMATIC DESIGN	04 APR 2014
2	ISSUED FOR DESIGN DEVELOPMENT	01 JUL 2014
3	ISSUED FOR DESIGN DEVELOPMENT	31 JUL 2014
4	CD PROGRESS ISSUE 1	15 OCT 2014
5	ISSUED FOR BID - ELECTRICAL	15 OCT 2014
6	DOB SUBMISSION	19 DEC 2014
7	CD PROGRESS ISSUE 3	09 MAR 2015
8	DOB AMENDMENT 2	18 SEP 2015
9	CD PROGRESS ISSUE 6	02 NOV 2015
10	CD PROGRESS ISSUE 7	29 JAN 2016
11	CD PROGRESS ISSUE 8 - GMP SET	18 MAR 2016
12	CD BULLETIN ISSUE 2	06 MAY 2016
13	CD BULLETIN ISSUE 3	25 MAY 2016
14	DOB AMENDMENT 3	03 OCT 2016

0 4'-0" 8'-0" 16'-0"

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CONSULTANT:
AKF
ONE LIBERTY PLAZA, 165 BROADWAY, 22nd FLOOR
NEW YORK, NY 10006
T: 212.354.5656 F: 212.354.5668
Arlington | Boston | Kansas City | Minneapolis | New York
Philadelphia | Houston | Dallas | Rochester | Stamford

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
27th FLOOR PLAN - LIGHTING
(MFD-50th FLOOR)

SEAL & SIGNATURE:
STATE OF NEW YORK · CHRISTOPHER C. MANN · NO. 027135 · LICENSED PROFESSIONAL ENGINEER

DATE: 04/04/14
PROJECT No: Y130747-000
DRAWN: JJ/PW
CHK: EA
SCALE: 1/8" = 1'-0"
REV: 14
DWG No: **E-133.01**
DOB PAGE No: 26 of 127

DOB EMPLOYEE STAMP:
DOB B-SCAN:

FILE NAME: C:\Revit Local Files\Y130747-000-AKF-865_MEP15-CENTRAL_Jiangna@akfgroup.com.rvt
PLOT DATE: 2/13/2017 2:48:42 PM

DEPT OF BLDGS 121263635 Job Number
E303168821A1 Scan Code

36" x 48" Arch E SHEET SIZE

LIGHTING GENERAL NOTES:

1. LIGHTING CONTROLS SHALL BE PROVIDED AS PER MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4, AND AS MODIFIED BY 2011 NYCECC APPENDIX A INCLUDING AUTOMATIC LIGHTING SHUTOFF (SECTION 9.4.1.1) SPACE CONTROL (9.4.1.2), EXTERIOR LIGHTING CONTROL (9.4.1.3) AND AS APPLICABLE, ADDITIONAL CONTROL (9.4.1.4).
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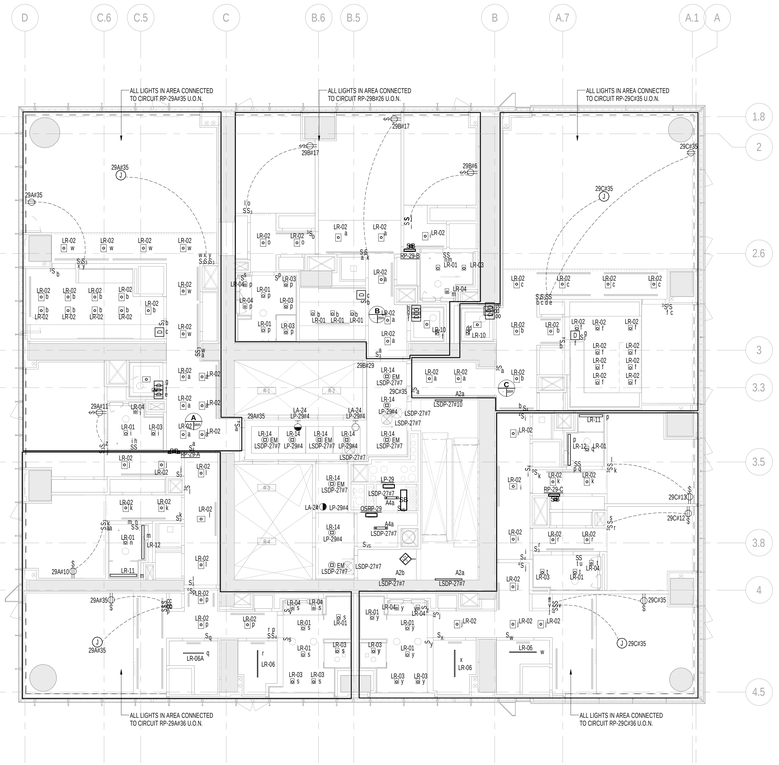
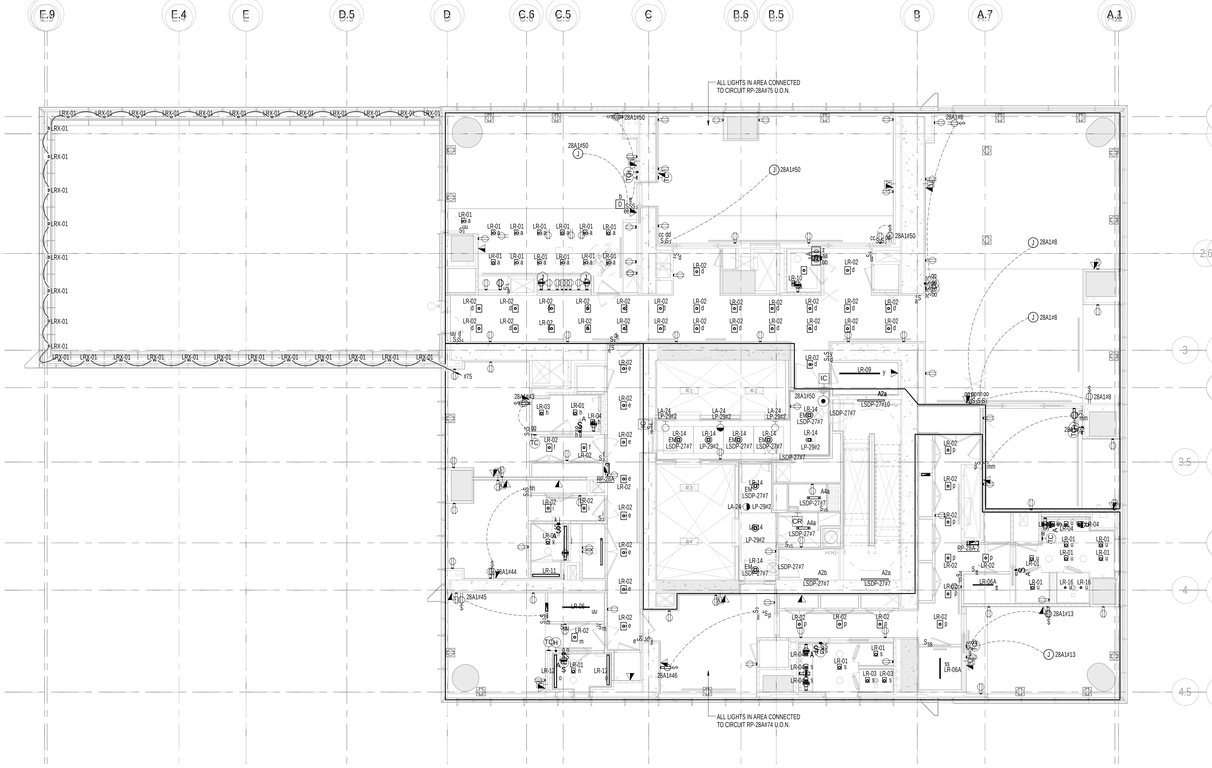
3. EXTERIOR BUILDING LIGHTING SHALL COMPLY WITH NYCECC MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4.4.
4. ALL FIXTURES WITHIN CLOSETS WHERE SWITCHING ZONE IS NOT INDICATED ARE CONTROLLED VIA INTEGRAL IR SENSORS.



2 29th FLOOR PLAN
SCALE: 1/8" = 1'-0"



1 28th FLOOR PLAN
SCALE: 1/8" = 1'-0"

KEY PLAN:

PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
401 Wellington St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
WSP CANTOR SEINUK
228 EAST 45th Street
New York, NY 10017 USA
TEL: 212 687 9888 FAX: 646 487 5501

MEP ENGINEERS:
AKF GROUP
One Liberty Plaza, 165 Broadway, 22nd Floor
New York, NY 10006 USA
TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS:
Langan Engineering & Environmental Services
21 Penn Plaza - 360 West 31st Street, 8th Floor
New York, NY 10001-2727
TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS:
Construction Consulting Associates
100 Church Street
New York, NY 10007
TEL: 212 385 1818 FAX: 212 385 1911

CURTAINWALL CONSULTANT:
AJLP Consulting
40 Worth Street. Suite 826
New York, NY 10013
TEL: 212 757 5659 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	ISSUED FOR SCHEMATIC DESIGN	04 APR 2014
2	ISSUED FOR DESIGN DEVELOPMENT	01 JUL 2014
3	ISSUED FOR DESIGN DEVELOPMENT	31 JUL 2014
4	CD PROGRESS ISSUE 1	15 OCT 2014
5	ISSUED FOR BID - ELECTRICAL	15 OCT 2014
6	DOB SUBMISSION	19 DEC 2014
7	CD PROGRESS ISSUE 3	09 MAR 2015
8	DOB AMENDMENT 2	18 SEP 2015
9	CD PROGRESS ISSUE 6	02 NOV 2015
10	CD PROGRESS ISSUE 7	29 JAN 2016
11	CD PROGRESS ISSUE 8 - GMP SET	18 MAR 2016
12	CD BULLETIN ISSUE 7	14 SEPT 2016
13	DOB AMENDMENT 3	03 OCT 2016

0 4'-0" 8'-0" 16'-0"

Discrepancies must be reported immediately to the Architect before proceeding. Only figured dimensions are to be used. Contractors must check all dimensions on site. This drawing is protected by copyright.

ALL DIMENSIONS ARE SHOWN IN IMPERIAL.

CONSULTANT:
AKF
ONE LIBERTY PLAZA, 165 BROADWAY, 22nd FLOOR
NEW YORK, NY 10006
T: 212.354.5656 F: 212.354.5668
Arlington | Boston | Kansas City | Minneapolis | New York
Philadelphia | Houston | Dublin | Rochester | Stamford

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
28th and 29th FLOOR PLANS - LIGHTING (MFD-53rd-54th FLOOR)

SEAL & SIGNATURE:

DATE:	04/04/14
PROJECT No:	Y130747-000
DRAWN: JJ/PW	REV:
CHK: EA	13
SCALE: 1/8" = 1'-0"	
DWG No:	E-134.01
DOB PAGE No:	27 of 127

DOB EMPLOYEE STAMP: DOB B-SCAN:

FILE NAME: C:\Revit Local Files\Y13074 7-000-AKF-R85_MEP15-CENTRAL_Jiangnw@akfgroup.com.rvt
PLOT DATE: 2/13/2017 1:24:57 PM

36" x 48" Arch E SHEET SIZE

DEPT OF BLDGS 121263525 Job Number
ESM FEB/1290 Scan Code

LIGHTING GENERAL NOTES:

1. LIGHTING CONTROLS SHALL BE PROVIDED AS PER MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4, AND AS MODIFIED BY 2011 NYCECC APPENDIX A INCLUDING AUTOMATIC LIGHTING SHUTOFF (SECTION 9.4.1.1) SPACE CONTROL (9.4.1.2), EXTERIOR LIGHTING CONTROL (9.4.1.3) AND AS APPLICABLE, ADDITIONAL CONTROL (9.4.1.4).
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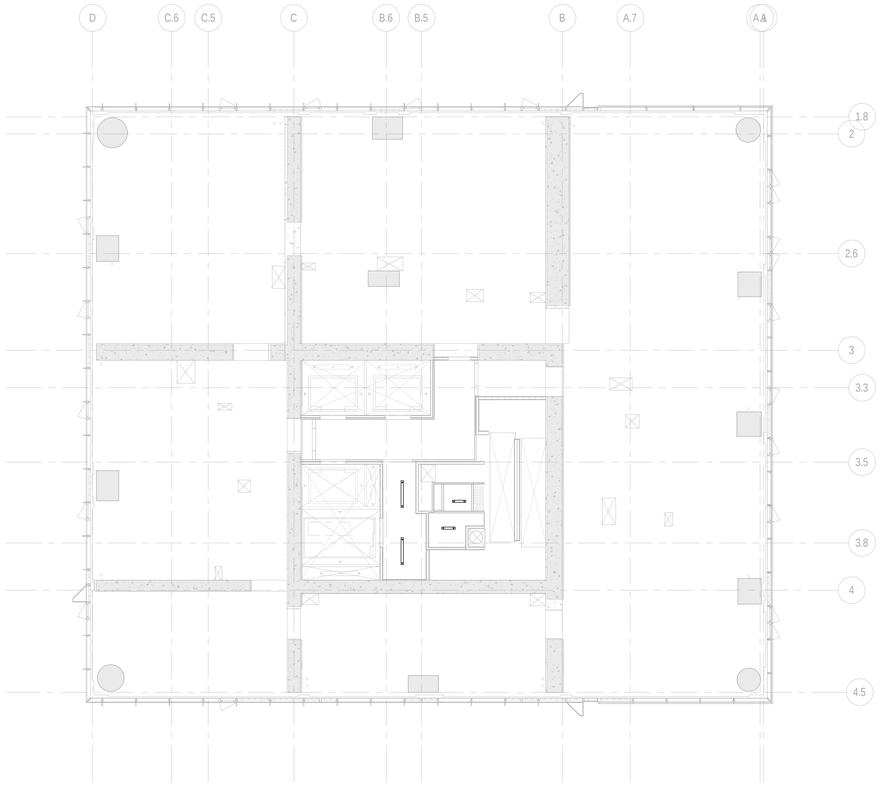
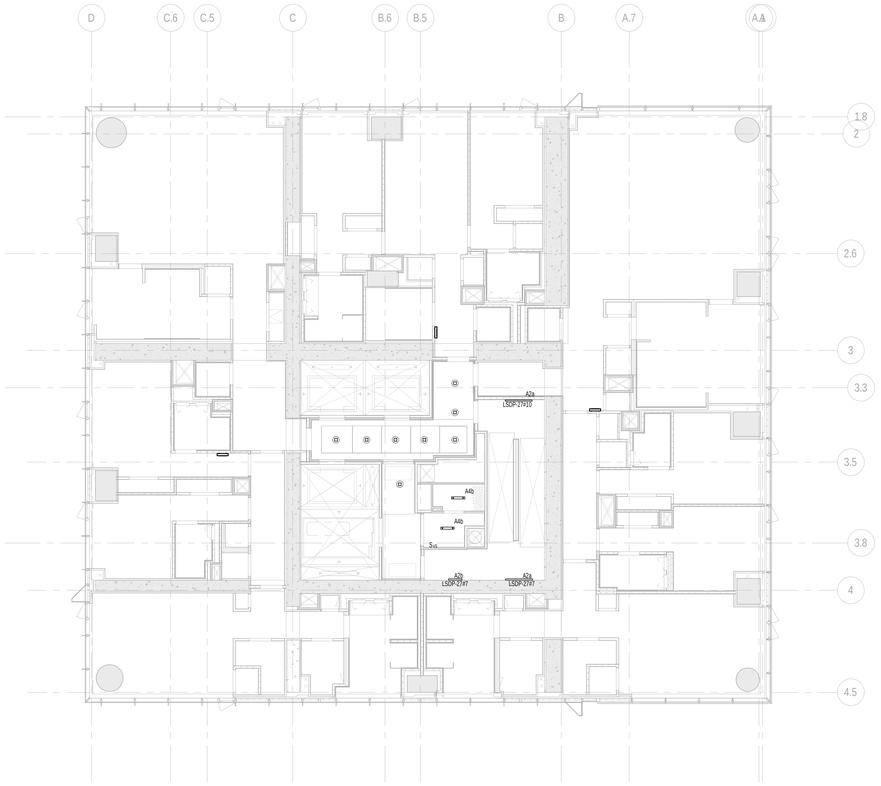
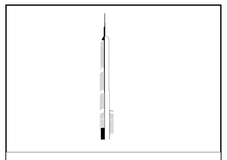
3. EXTERIOR BUILDING LIGHTING SHALL COMPLY WITH NYCECC MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4.4.
4. ALL FIXTURES WITHIN CLOSETS WHERE SWITCHING ZONE IS NOT INDICATED ARE CONTROLLED VIA INTEGRAL IR SENSORS.



2 31st FLOOR PLAN
SCALE: 1/8" = 1'-0"



1 30th FLOOR PLAN
SCALE: 1/8" = 1'-0"



KEY PLAN:

PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
401 Wellington St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
WSP CANTOR SEINUK
228 EAST 45th Street
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MEP ENGINEERS:
AKF GROUP
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TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS:
Langan Engineering & Environmental Services
21 Penn Plaza - 360 West 31st Street, 8th Floor
New York, NY 10001-2727
TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS:
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100 Church Street
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CURTAINWALL CONSULTANT:
AJLP Consulting
40 Worth Street. Suite 826
New York, NY 10013
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LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	ISSUED FOR SCHEMATIC DESIGN	04 APR 2014
2	ISSUED FOR DESIGN DEVELOPMENT	01 JUL 2014
3	ISSUED FOR DESIGN DEVELOPMENT	31 JUL 2014
4	CD PROGRESS ISSUE 1	15 OCT 2014
5	ISSUED FOR BID - ELECTRICAL	15 OCT 2014
6	DOB SUBMISSION	19 DEC 2014
7	CD PROGRESS ISSUE 3	09 MAR 2015
8	DOB AMENDMENT 2	18 SEP 2015
9	CD PROGRESS ISSUE 7	29 JAN 2016
10	CD PROGRESS ISSUE 8 - GMP SET	18 MAR 2016
11	DOB AMENDMENT 3	03 OCT 2016

0 4'-0" 8'-0" 16'-0"

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ALL DIMENSIONS ARE SHOWN IN IMPERIAL.

CONSULTANT:
AKF
ONE LIBERTY PLAZA, 165 BROADWAY, 22nd FLOOR
NEW YORK, NY 10006
T: 212.354.5656 F: 212.354.5668
Arlington / Boston / Mexico City / Minneapolis / New York
Philadelphia / Princeton / Puebla / Sacramento / Stamford

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
30th and 31st FLOOR PLANS - LIGHTING (MFD-55th-56th FLOOR)

SEAL & SIGNATURE:

DATE: 04/04/14
PROJECT No: Y130747-000
DRAWN: JJ/PW
CHK: EA
SCALE: 1/8" = 1'-0"
REV: 11
DWG No: **E-135.01**
DOB PAGE No: 28 of 127

DOB EMPLOYEE STAMP:

DOB B-SCAN:

FILE NAME: C:\Revit Local Files\Y130747-000-AKF-985_MEP15-CENTRAL_jjangnan@akfgroup.com.rvt
PLOT DATE: 2/13/2017 2:49:09 PM

DEPT OF BLDGS 421263525 Job Number
E-DOB20000777 Scan Code

LIGHTING GENERAL NOTES:

1. LIGHTING CONTROLS SHALL BE PROVIDED AS PER MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4, AND AS MODIFIED BY 2011 NYCECC APPENDIX A INCLUDING AUTOMATIC LIGHTING SHUTOFF.(SECTION 9.4.1.1) SPACE CONTROL (9.4.1.2), EXTERIOR LIGHTING CONTROL (9.4.1.3) AND AS APPLICABLE, ADDITIONAL CONTROL (9.4.1.4).
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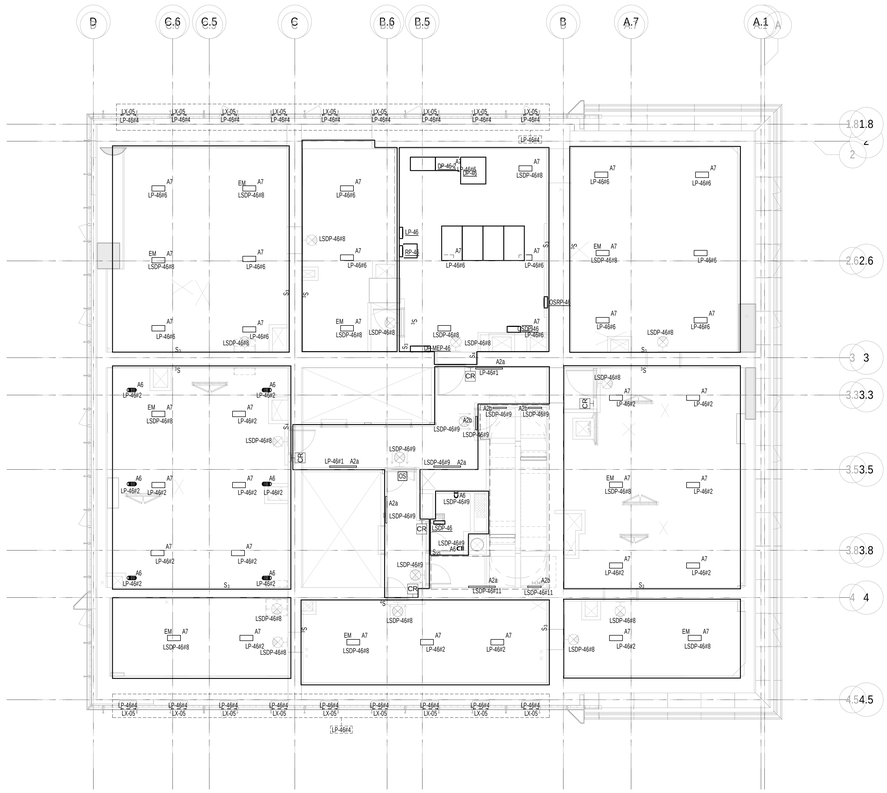
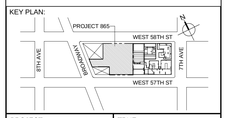
3. EXTERIOR BUILDING LIGHTING SHALL COMPLY WITH NYCECC MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4.4.
4. ALL FIXTURES WITHIN CLOSETS WHERE SWITCHING ZONE IS NOT INDICATED ARE CONTROLLED VIA INTEGRAL IR SENSORS.



1 46th FLOOR PLAN
SCALE: 1/8" = 1'-0"

KEY PLAN:



PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
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TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
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228 EAST 45th Street
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MEP ENGINEERS:
AKF GROUP
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New York, NY 10006 USA
TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS:
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New York, NY 10001-2727
TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS:
Construction Consulting Associates
100 Church Street
New York, NY 10007
TEL: 212 385 1818 FAX: 212 385 1911

CURTAINWALL CONSULTANT:
AJLP Consulting
40 Worth Street. Suite 826
New York, NY 10013
TEL: 212 757 5659 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	ISSUED FOR SCHEMATIC DESIGN	04 APR 2014
2	ISSUED FOR DESIGN DEVELOPMENT	01 JUL 2014
3	ISSUED FOR DESIGN DEVELOPMENT	31 JUL 2014
4	CD PROGRESS ISSUE 1	15 OCT 2014
5	ISSUED FOR BID - ELECTRICAL	15 OCT 2014
6	DOB SUBMISSION	19 DEC 2014
7	CD PROGRESS ISSUE 3	09 MAR 2015
8	DOB AMENDMENT 2	18 SEP 2015
9	CD PROGRESS ISSUE 6	02 NOV 2015
10	CD PROGRESS ISSUE 7	29 JAN 2016
11	CD PROGRESS ISSUE 8 - GMP SET	18 MAR 2016
12	CD BULLETIN ISSUE 2	06 MAY 2016
13	CD BULLETIN ISSUE 3	25 MAY 2016
14	DOB AMENDMENT 3	03 OCT 2016

0 4' - 0" 8' - 0" 16' - 0"

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CONSULTANT:
AKF
ONE LIBERTY PLAZA, 165 BROADWAY, 22nd FLOOR
NEW YORK, NY 10006
T: 212.354.5656 F: 212.354.5668
Arlington | Boston | Mexico City | Minneapolis | New York
Philadelphia | Princeton | Puebla | Rochester | Stamford

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
46th FLOOR PLAN - LIGHTING
(MFD-71st FLOOR)

SEAL & SIGNATURE:

DATE: 04/04/14
PROJECT No: Y130747-000
DRAWN: JJ/PW
CHK: EA
SCALE: 1/8" = 1'-0"
REV: 14
DWG No: **E-143.01**
DOB PAGE No: 29 of 127

DOB EMPLOYEE STAMP:

DOB B-SCAN:

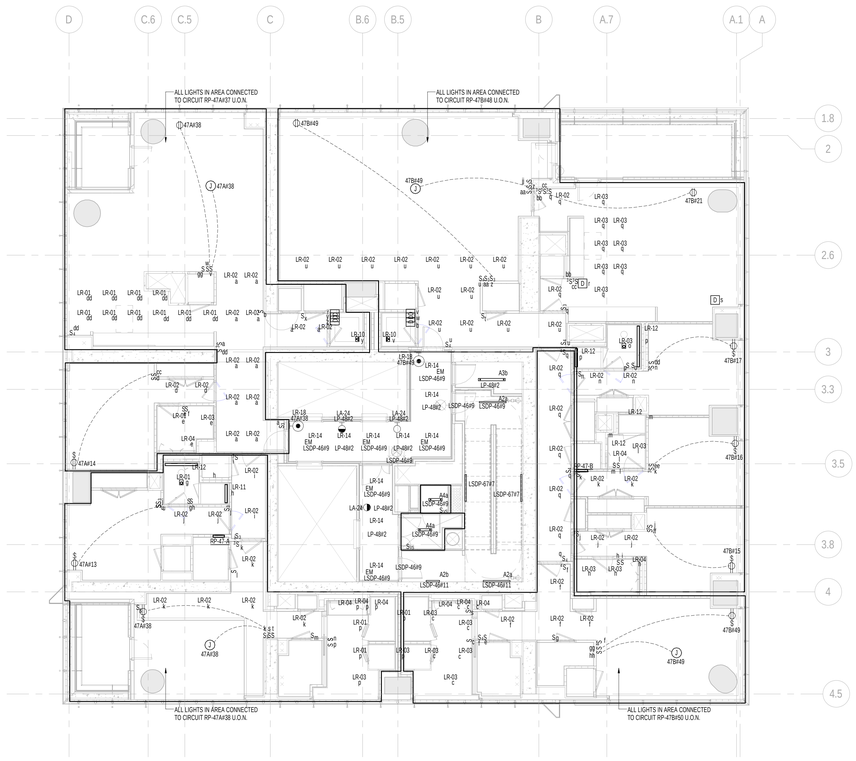
36" x 48" Arch E SHEET SIZE
FILE NAME: C:\Revit Local Files\Y13\747-000-AKF-R05_MEP15-CENTRAL_jjlinger@akfgroup.com.rvt
PLOT DATE: 2/13/2017 2:49:18 PM

DEPT OF BLDGS 121263525 Job Number
E-525135253 Scan Code

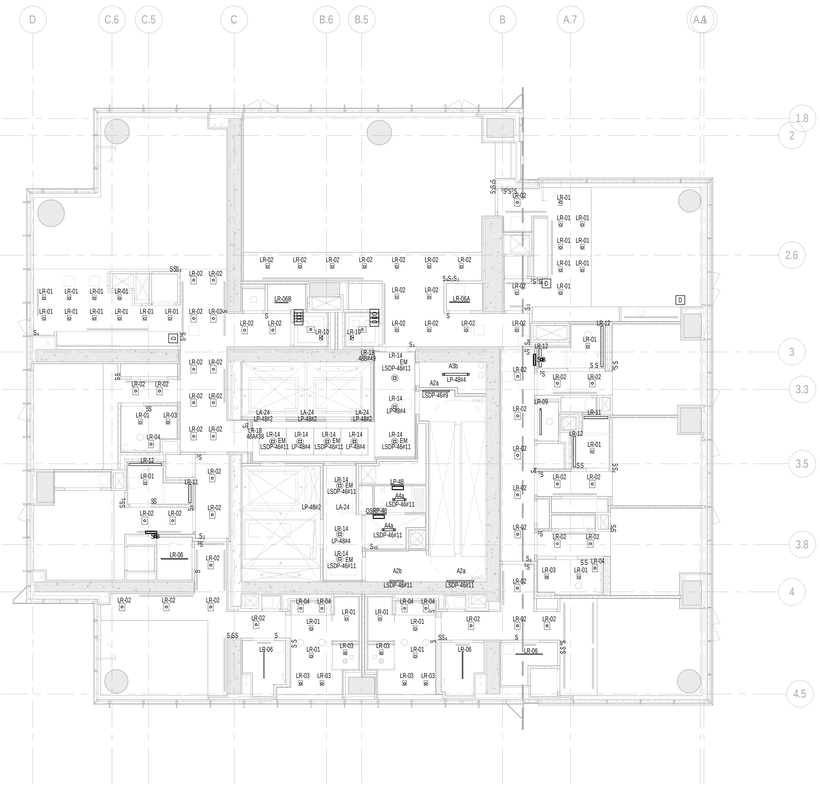
36" x 48" Arch E SHEET SIZE

LIGHTING GENERAL NOTES:

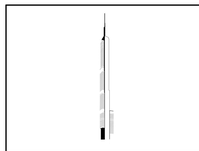
1. LIGHTING CONTROLS SHALL BE PROVIDED AS PER MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4. AND AS MODIFIED BY 2011 NYCECC APPENDIX A. INCLUDING AUTOMATIC LIGHTING SHUTOFF (SECTION 9.4.1.1) SPACE CONTROL (9.4.1.2), EXTERIOR LIGHTING CONTROL (9.4.1.3) AND AS APPLICABLE, ADDITIONAL CONTROL (9.4.1.4).
2. EXIT SIGNS SHALL COMPLY WITH NYCECC 2011 MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4.3. NOT TO EXCEED 5W PER FACE. CONNECT ALL EXIT SIGNS ON FLOOR TO UNSWITCHED CIRCUIT INDICATED ON PLANS.
3. EXTERIOR BUILDING LIGHTING SHALL COMPLY WITH NYCECC MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4.4.
4. ALL FIXTURES WITHIN CLOSETS WHERE SWITCHING ZONE IS NOT INDICATED ARE CONTROLLED VIA INTEGRAL IR SENSORS.



1 47th FLOOR PLAN
SCALE: 1/8" = 1'-0"



2 TYPICAL 48th-65th FLOOR PLANS
SCALE: 1/8" = 1'-0"



KEY PLAN:

PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
401 Wellington St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

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228 EAST 45th Street
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LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

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11	CD PROGRESS ISSUE 8 - GMP SET	18 MAR 2016
12	CD BULLETIN ISSUE 3	25 MAY 2016
13	CD BULLETIN ISSUE 7	14 SEPT 2016
14	DOB AMENDMENT 3	03 OCT 2016

0 4' - 0" 8' - 0" 16' - 0"

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CONSULTANT:
AKF
ONE LIBERTY PLAZA, 165 BROADWAY, 22nd FLOOR
NEW YORK, NY 10006
T: 212.354.5656 F: 212.354.5668
Arlington | Atlanta | Miami | Dallas | Pittsburgh | Seattle
Philadelphia | Shanghai | Toronto | Washington, D.C. | Mumbai

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
47th and 48th FLOOR PLAN - LIGHTING (TYPICAL 48th-64th FLOORS) (MFD-77th FLOOR and MFD-78th-94th FLOOR)

SEAL & SIGNATURE:

DATE:	04/04/14
PROJECT No:	Y130747-000
DRAWN:	JJ/PW
REV:	14
CHK:	EA
SCALE:	1/8" = 1'-0"
DWG No:	**E-144.01**
DOB PAGE No:	30 of 127

DOB EMPLOYEE STAMP:

DOB B-SCAN:

FILE NAME: C:\Revit Local Files\Y130747-000-AKF-865_MEP15-CENTRAL_jlangner@aklgroup.com.rvt
PLOT DATE: 2/13/2015 2:49:28 PM

DEPT OF BLDGS 421263525 Job Number
E-500636233-1 Scan Code

36" x 48" Arch E SHEET SIZE

PLAN NOTES:

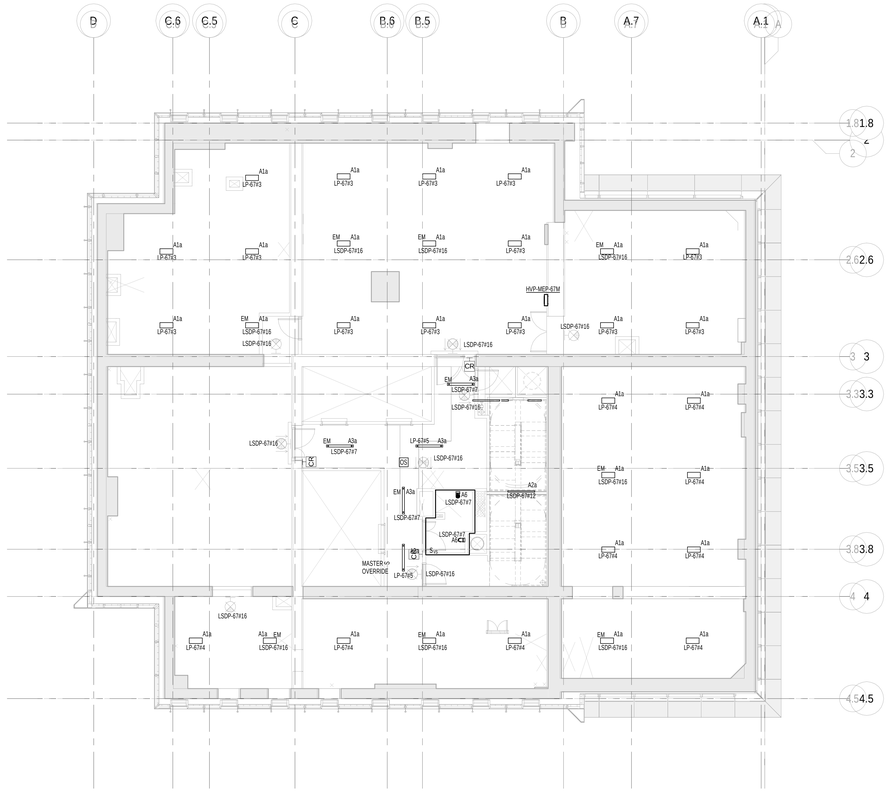
1. PROVIDE PERIMETER HEAT TRACING AT BUILDING PERIMETER AS SHOWN ON E-603.00 "HEAT TRACE AT MECHANICAL FLOORS DETAIL". PROVIDE JUNCTION BOX AS SHOWN FOR EACH 277V HEAT TRACE CIRCUIT AS INDICATED PER DETAIL. PROVIDE SNOW AND ICE DETECTION SYSTEM.

KEY NOTES:

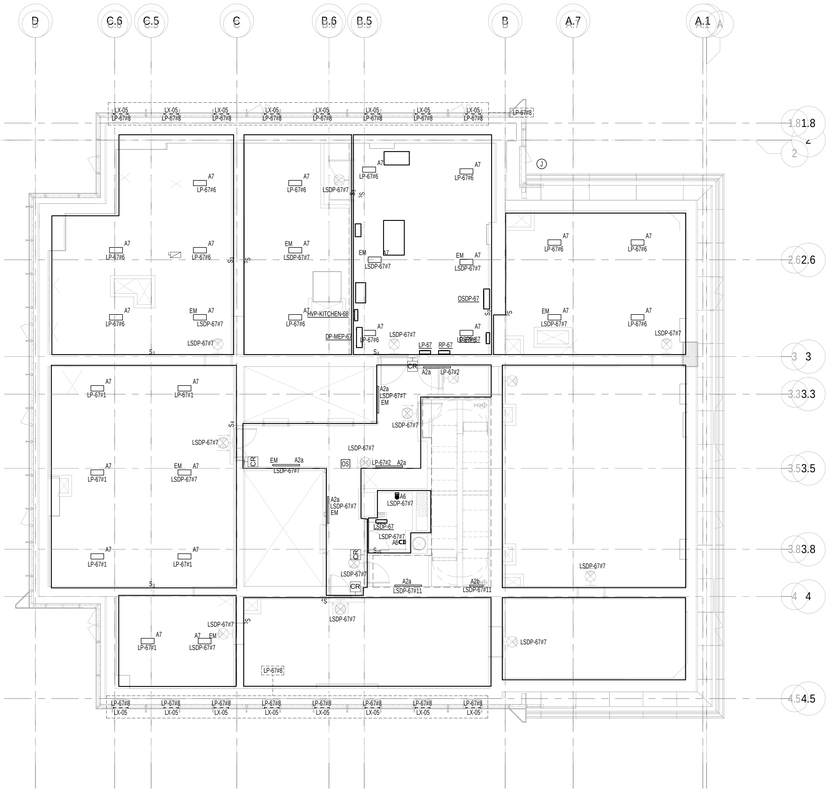
(1) E.C. TO PROVIDE 2" CONDUIT WITH DRAG LINE FOR BLADE WALL HEAT TRACE TRHU CONCRETE SHEAR WALL. COORDINATE WITH STRUCTURE. E.C. TO COORDINATE THE INSTALLATION OF THE BLADE WALL WITH THE CURTAIN WALL INSTALLER. E.C. TO ENSURE THAT THE BLADE WALL HEAT TRACE WIRE WHP IS SECURED WITHIN THE INTERIOR JUNCTION BOX AT THE COMPLETETION OF THE INSTALLATION OF EACH ~12' SECTION OF BLADE WALL.

LIGHTING GENERAL NOTES:

1. LIGHTING CONTROLS SHALL BE PROVIDED AS PER MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4, AND AS MODIFIED BY 2011 NYCECC APPENDIX A INCLUDING AUTOMATIC LIGHTING SHUTOFF (SECTION 9.4.1.1) SPACE CONTROL (9.4.1.2), EXTERIOR LIGHTING CONTROL (9.4.1.3) AND AS APPLICABLE, ADDITIONAL CONTROL (9.4.1.4).
2. EXIT SIGNS SHALL COMPLY WITH NYCECC 2011 MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4.3, NOT TO EXCEED 5W PER FACE. CONNECT ALL EXIT SIGNS ON FLOOR TO UNSWITCHED CIRCUIT INDICATED ON PLANS.
3. EXTERIOR BUILDING LIGHTING SHALL COMPLY WITH NYCECC MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4.4
4. ALL FIXTURES WITHIN CLOSETS WHERE SWITCHING ZONE IS NOT INDICATED ARE CONTROLLED VIA INTEGRAL IR SENSORS.



2 67th FLOOR INTERMEDIATE PLAN
SCALE: 1/8" = 1'-0"



1 67th FLOOR PLAN
SCALE: 1/8" = 1'-0"

KEY PLAN:
PROJECT 865
WEST 58TH ST
8TH AVE
CENTRAL PARK
7TH AVE
WEST 57TH ST

PROJECT NORTH
TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
401 Wellington St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
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GEOTECHNICAL ENGINEERS:
Langan Engineering & Environmental Services
21 Penn Plaza - 360 West 31st Street, 8th Floor
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CODE CONSULTANTS:
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LANDMARK/PRESERVATION CONSULTANT:
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1	ISSUED FOR SCHEMATIC DESIGN	04 APR 2014
2	ISSUED FOR DESIGN DEVELOPMENT	01 JUL 2014
3	ISSUED FOR DESIGN DEVELOPMENT	31 JUL 2014
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5	ISSUED FOR BID - ELECTRICAL	15 OCT 2014
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15	DOB AMENDMENT 3	03 OCT 2016

0 4'-0" 8'-0" 16'-0"

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NEW YORK, NY 10006
T: 212.354.5656 F: 212.354.5668
Arlington | Boston | Kansas City | Minneapolis | New York
Philadelphia | Princeton | Seattle | Richmond | Stamford

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
67th and 67th FLOOR INTERMEDIATE PLANS - LIGHTING (MFD-97th-98th FLOOR)

SEAL & SIGNATURE:
STATE OF NEW YORK · CHRISTOPHER C. MOORE · 031739 · LICENSED PROFESSIONAL ENGINEER

DATE: 04/04/14
PROJECT No: Y130747-000
DRAWN: JJ/PW
CHK: EA
SCALE: 1/8" = 1'-0"
REV: 15
DWG No: **E-154.01**
DOB PAGE No: 31 of 127

DOB EMPLOYEE STAMP:
DOB B-SCAN:

FILE NAME: C:\Revit Local Files\Y130747-000-AKF-865_MEP15-CENTRAL_Jangrae@akfgroup.com.rvt
PLOT DATE: 2/19/2016 2:49:45 PM

DEPT OF BLDGS 421263525 Job Number
E3790957569 Scan Code

36" x 48" Arch E SHEET SIZE

LIGHTING GENERAL NOTES:

1. LIGHTING CONTROLS SHALL BE PROVIDED AS PER MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4. AND AS MODIFIED BY 2011 NYCECC APPENDIX A INCLUDING AUTOMATIC LIGHTING SHUTOFF (SECTION 9.4.1.1) SPACE CONTROL (9.4.1.2), EXTERIOR LIGHTING CONTROL (9.4.1.3) AND AS APPLICABLE, ADDITIONAL CONTROL (9.4.1.4).
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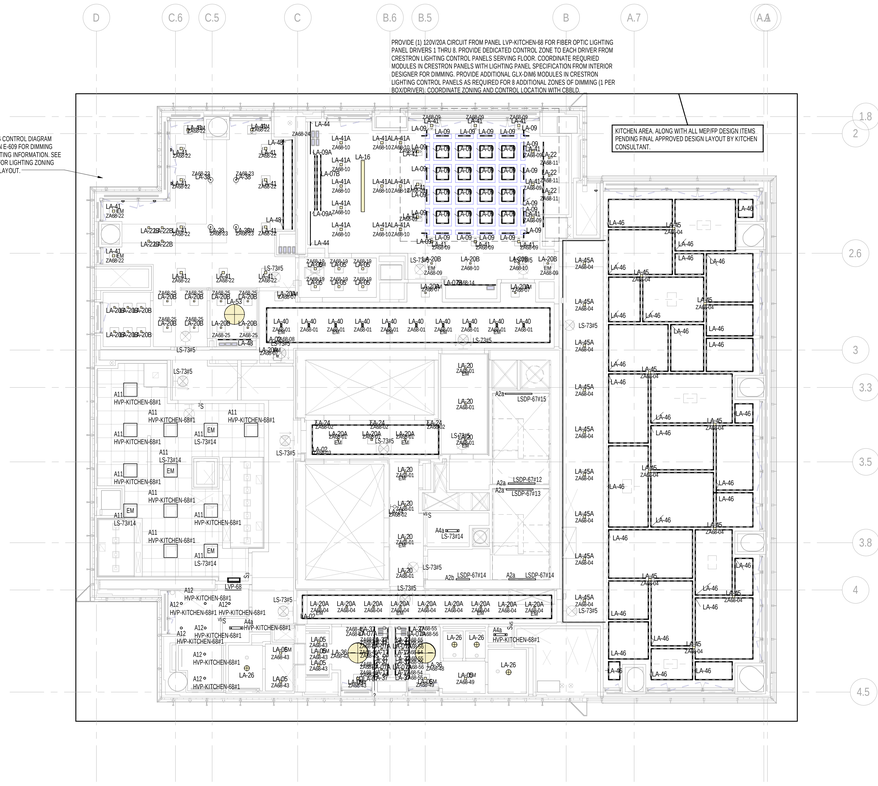
3. EXTERIOR BUILDING LIGHTING SHALL COMPLY WITH NYCECC MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4.4.
4. ALL FIXTURES WITHIN CLOSETS WHERE SWITCHING ZONE IS NOT INDICATED ARE CONTROLLED VIA INTEGRAL IR SENSORS.

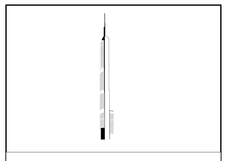
PROVIDE (1) 120V/20A CIRCUIT FROM PANEL LVP-KITCHEN-68 FOR FIBER OPTIC LIGHTING PANEL DRIVERS 1 THRU 8. PROVIDE DEDICATED CONTROL ZONE TO EACH DRIVER FROM CRESTRON LIGHTING CONTROL PANELS SERVING FLOOR. COORDINATE REQUIRED MODULES IN CRESTRON PANELS WITH LIGHTING PANEL SPECIFICATION FROM INTERIOR DESIGNER FOR DIMMING. PROVIDE ADDITIONAL GLX-DIMI MODULES IN CRESTRON LIGHTING CONTROL PANELS AS REQUIRED FOR 8 ADDITIONAL ZONES OF DIMMING (1 PER BOX/DRIVER). COORDINATE ZONING AND CONTROL LOCATION WITH CBBLD.

REFER TO LIGHTING CONTROL DIAGRAM AND SCHEDULES ON E-609 FOR DIMMING WIRING AND CIRCUITING INFORMATION. SEE CBBLD DRAWINGS FOR LIGHTING ZONING AND FULL FIXTURE LAYOUT.

KITCHEN AREA. ALONG WITH ALL MEP/FP DESIGN ITEMS PENDING FINAL APPROVED DESIGN LAYOUT BY KITCHEN CONSULTANT.



1 68th FLOOR PLAN
SCALE: 1/8" = 1'-0"



KEY PLAN:

PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
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12	CD BULLETIN ISSUE 3	25 MAY 2016
13	DOB AMENDMENT 3	03 OCT 2016
14	CD BULLETIN ISSUE 10	13 NOV 2017

0 4'-0" 8'-0" 16'-0"

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CONSULTANT:
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Arlington / Boston / Kansas City / Minneapolis / New York
Philadelphia / Houston / Dallas / Rochester / Stamford

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
68th FLOOR PLAN - LIGHTING
(MFD-100th FLOOR)

SEAL & SIGNATURE:

DATE:	08/06/15
PROJECT No:	Y130747-000
DRAWN: JJ/PW	REV:
CHK: EA	14
SCALE: 1/8" = 1'-0"	
DWG No:	E-155.01
DOB PAGE No:	32 of 127

DOB EMPLOYEE STAMP: DOB B-SCAN:

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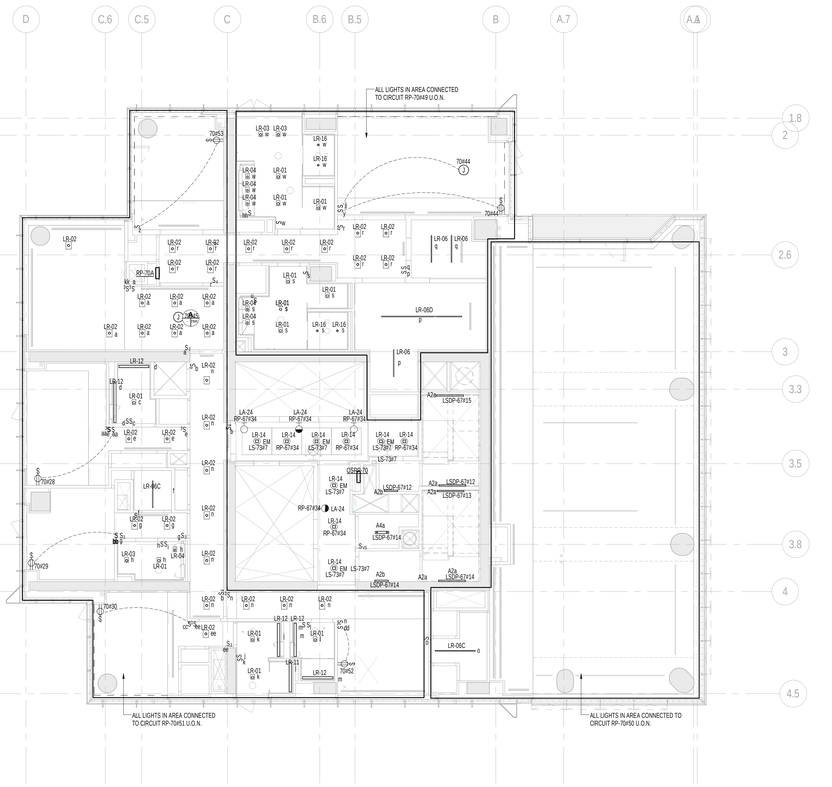
PLOT DATE: 2/13/2018 1:49:36 PM

DEPT OF BUILDINGS 121263635 Job Number
E-57V1699965 Scan Code

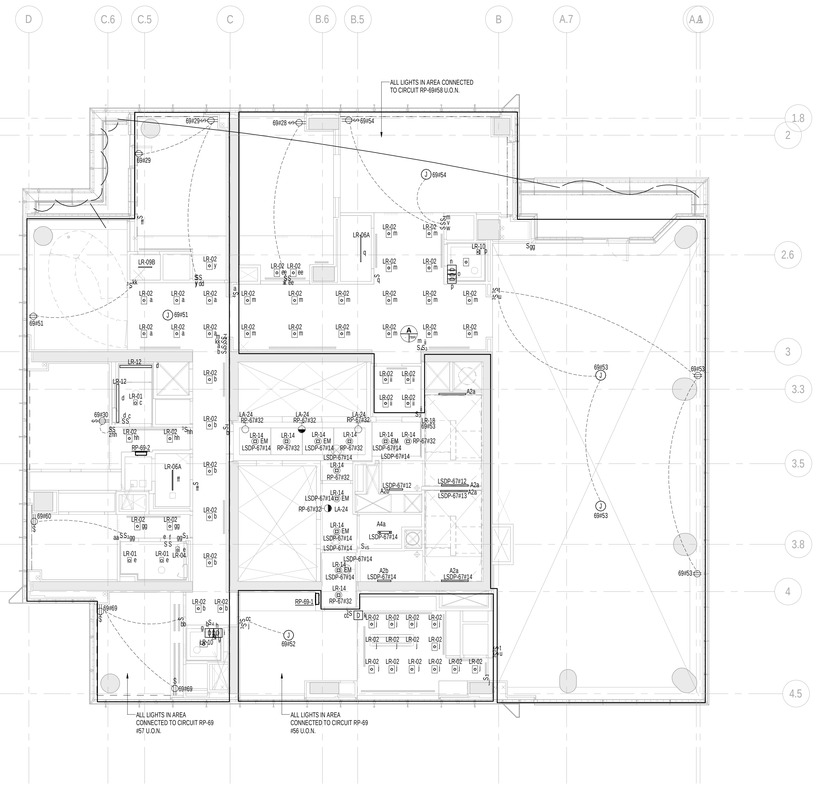
36" x 48" Arch E SHEET SIZE

LIGHTING GENERAL NOTES:

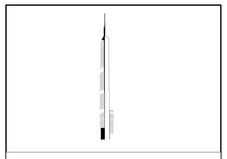
1. LIGHTING CONTROLS SHALL BE PROVIDED AS PER MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4., AND AS MODIFIED BY 2011 NYCECC APPENDIX A INCLUDING AUTOMATIC LIGHTING SHUTOFF (SECTION 9.4.1.1) SPACE CONTROL (9.4.1.2), EXTERIOR LIGHTING CONTROL (9.4.1.3) AND AS APPLICABLE. ADDITIONAL CONTROL (9.4.1.4).
2. EXIT SIGNS SHALL COMPLY WITH NYCECC 2011 MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4.3, NOT TO EXCEED 5W PER FACE. CONNECT ALL EXIT SIGNS ON FLOOR TO UNSWITCHED CIRCUIT INDICATED ON PLANS.
3. EXTERIOR BUILDING LIGHTING SHALL COMPLY WITH NYCECC MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4.4.
4. ALL FIXTURES WITHIN CLOSETS WHERE SWITCHING ZONE IS NOT INDICATED ARE CONTROLLED VIA INTEGRAL IR SENSORS.



2 70th FLOOR PLAN
SCALE: 1/8" = 1'-0"



1 69th FLOOR PLAN
SCALE: 1/8" = 1'-0"



KEY PLAN:

PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
401 Wellington St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
WSP CANTOR SEINUK
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New York, NY 10017 USA
TEL: 212 687 9888 FAX: 646 487 5501

MEP ENGINEERS:
AKF GROUP
One Liberty Plaza, 165 Broadway, 22nd Floor
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TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS:
Langan Engineering & Environmental Services
21 Penn Plaza - 360 West 31st Street, 8th Floor
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TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS:
Construction Consulting Associates
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CURTAINWALL CONSULTANT:
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LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
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TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	ISSUED FOR SCHEMATIC DESIGN	04 APR 2014
2	ISSUED FOR DESIGN DEVELOPMENT	01 JUL 2014
3	ISSUED FOR DESIGN DEVELOPMENT	31 JUL 2014
4	CD PROGRESS ISSUE 1	15 OCT 2014
5	ISSUED FOR BID - ELECTRICAL	15 OCT 2014
6	DOB SUBMISSION	19 DEC 2014
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11	CD BULLETIN ISSUE 3	25 MAY 2016
12	CD BULLETIN ISSUE 7	14 SEPT 2016
13	DOB AMENDMENT 3	03 OCT 2016

0 4'-0" 8'-0" 16'-0"

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CONSULTANT:
AKF
ONE LIBERTY PLAZA, 165 BROADWAY, 22nd FLOOR
NEW YORK, NY 10006
T: 212.354.5656 F: 212.354.5668
Arlington | Boston | Kansas City | Minneapolis | New York
Philadelphia | Houston | Dallas | Rochester | Samford

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
69th and 70th FLOOR PLANS - LIGHTING (MFD-107th-108th FLOOR)

SEAL & SIGNATURE:
STATE OF NEW YORK · EDWARD C. MAYER · 075139 · LICENSED PROFESSIONAL ENGINEER

DATE: 04/04/14
PROJECT No: Y130747-000
DRAWN: JJ/PW
CHK: EA
SCALE: 1/8" = 1'-0"
REV: 13
DWG No: **E-156.01**
DOB PAGE No: 33 of 127

DOB EMPLOYEE STAMP:
DOB B-SCAN:

FILE NAME: C:\Revit Local Files\Y130747-000-AKF-R85_MEP15-CENTRAL_Jiangmei@akfgroup.com.rvt
PLOT DATE: 2/13/2015 2:15:08 PM

DEPT OF BLDGS 121263635 Job Number
E-B25/2851149 Scan Code
36" x 48" Arch E SHEET SIZE

LIGHTING GENERAL NOTES:

1. LIGHTING CONTROLS SHALL BE PROVIDED AS PER MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4. AND AS MODIFIED BY 2011 NYCECC APPENDIX A. INCLUDING AUTOMATIC LIGHTING SHUTOFF (SECTION 9.4.1.1) SPACE CONTROL (9.4.1.2), EXTERIOR LIGHTING CONTROL (9.4.1.3 AND AS APPLICABLE. ADDITIONAL CONTROL (9.4.1.4)
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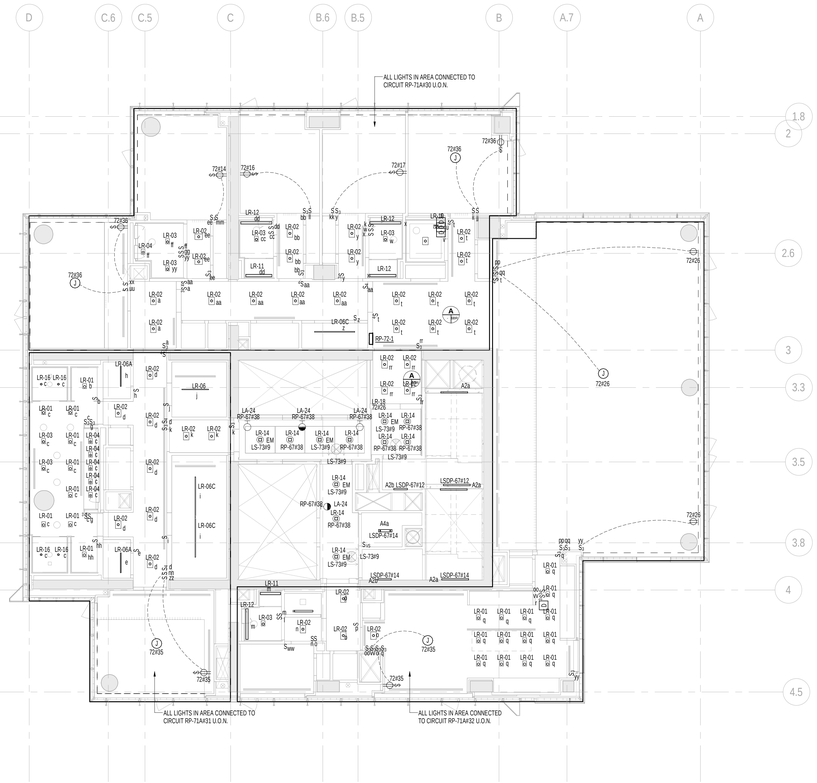
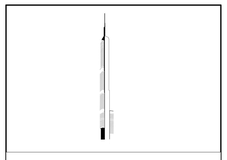
3. EXTERIOR BUILDING LIGHTING SHALL COMPLY WITH NYCECC MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4.4.
4. ALL FIXTURES WITHIN CLOSETS WHERE SWITCHING ZONE IS NOT INDICATED ARE CONTROLLED VIA INTEGRAL IR SENSORS.



2 TYPICAL 72nd-88th FLOOR PLANS
SCALE: 1/8" = 1'-0"

1 71st FLOOR PLAN
SCALE: 1/8" = 1'-0"



KEY PLAN:

PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
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13	CD BULLETIN ISSUE 7	14 SEPT 2016
14	DOB AMENDMENT 3	03 OCT 2016

0 4' - 0" 8' - 0" 16' - 0"

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CONSULTANT:
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ONE LIBERTY PLAZA, 165 BROADWAY, 22nd FLOOR
NEW YORK, NY 10006
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Arlington | Boston | Mexico City | Philadelphia | Washington
Philadelphia | Pittsburgh | Portland | Richmond | Seattle

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
71st and 72nd FLOOR PLANS - LIGHTING (TYPICAL 72nd-88th FLOORS) (MFD-109th FLOOR and MFD-110th-126th FLOOR)

SEAL & SIGNATURE:

DATE:	04/04/14
PROJECT No:	V130747-000
DRAWN:	JJ/PW
CHK:	EA
SCALE:	1/8" = 1'-0"
REV:	14
DWG No:	**E-157.01**
DOB PAGE No:	34 of 127

DOB EMPLOYEE STAMP:

DOB B-SCAN:

FILE NAME: C:\Revit Local Files\V130747-000-AKF-865_MEP15-CENTRAL_jlangner@aklgroup.com.rvt
PLOT DATE: 2/13/2016 2:39:23 PM

DEPT OF BLDGS 121263535 Job Number
E08010774723 Scan Code

36" x 48" Arch E SHEET SIZE

FAA LIGHTING NOTES:

1. REFER TO ARCHITECTURAL PLANS FOR FAA LIGHTING SPECIFICATIONS AND EXACT LOCATIONS.
2. PROVIDE CIRCUIT TO FAA OBSTRUCTION LIGHTING CONTROL PANEL LOCATED IN THE 95TH FLOOR ELECTRICAL ROOM.
3. PROVIDE EATON PHOTOELECTRIC CONTROL (PCR) AT FAA OBSTRUCTION LIGHTING LOCATIONS. RUN 2#12 + 1#12GND FROM EACH PHOTOCELL TO THE OBSTRUCTION LIGHTING CONTROL PANEL ON THE 95TH FLOOR.
4. ALL FAA OBSTRUCTION LIGHTS TO BE EATON CWLPR120 L864 RED MEDIUM INTENSITY BEACON. RUN 2#12 + 1#12GND FROM EACH FAA OBSTRUCTION LIGHT TO THE OBSTRUCTION LIGHTING CONTROL PANEL ON THE 95TH FLOOR.

LIGHTING GENERAL NOTES:

1. LIGHTING CONTROLS SHALL BE PROVIDED AS PER MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4, AND AS MODIFIED BY 2011 NYCECC APPENDIX A INCLUDING AUTOMATIC LIGHTING SHUTOFF (SECTION 9.4.1.1) SPACE CONTROL (9.4.1.2), EXTERIOR LIGHTING CONTROL (9.4.1.3) AND AS APPLICABLE, ADDITIONAL CONTROL (9.4.1.4).
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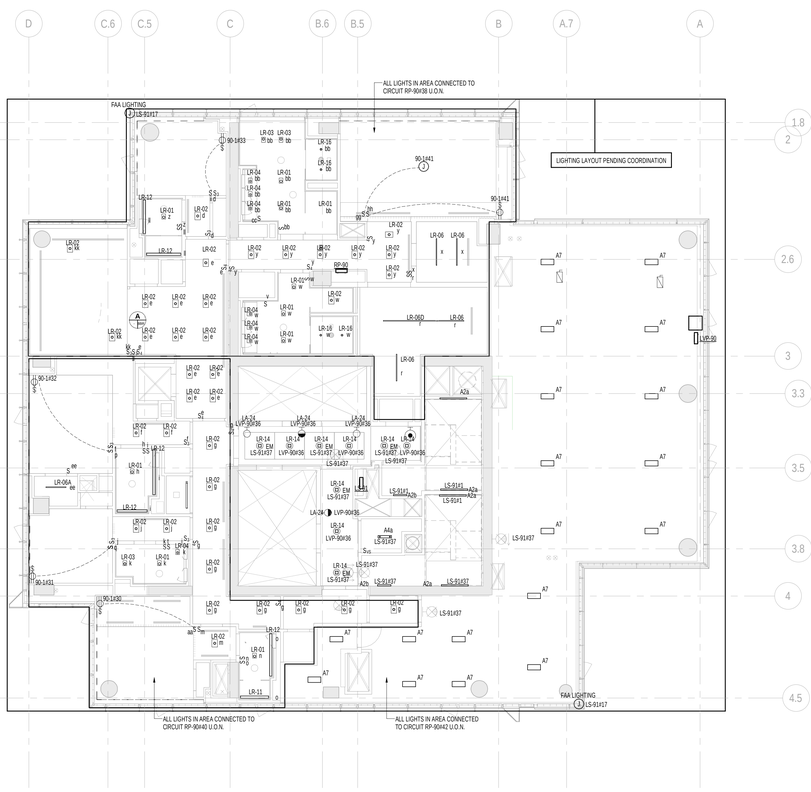
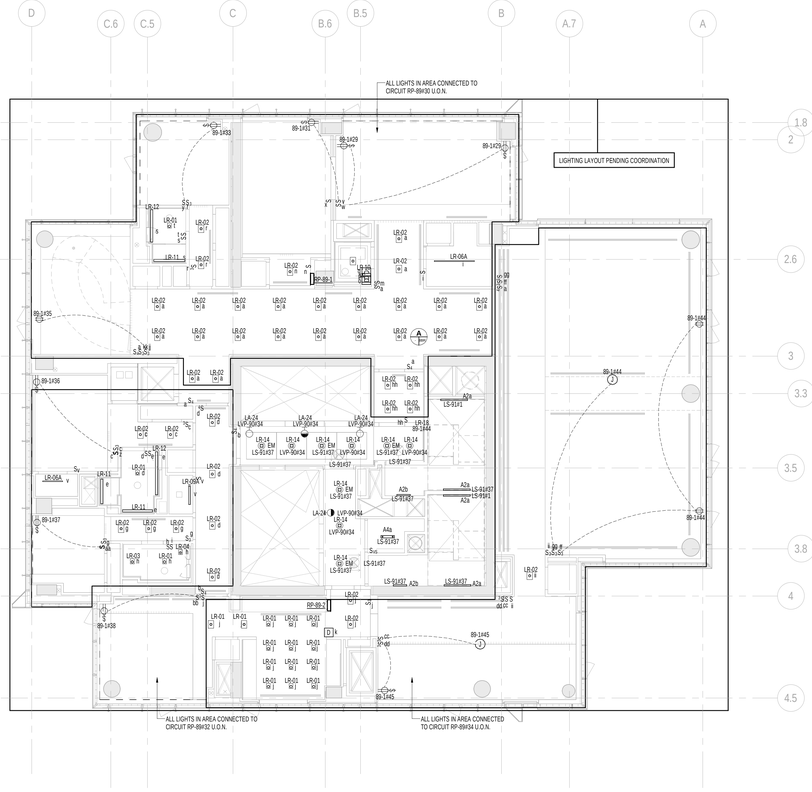
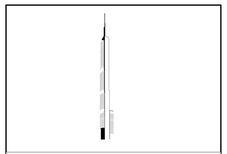
4. ALL FIXTURES WITHIN CLOSETS WHERE SWITCHING ZONE IS NOT INDICATED ARE CONTROLLED VIA INTEGRAL IR SENSORS.



2 90th FLOOR PLAN
SCALE: 1/8" = 1'-0"



1 89th FLOOR PLAN
SCALE: 1/8" = 1'-0"



KEY PLAN:

PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
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Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
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CURTAINWALL CONSULTANT:
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LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
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TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
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3	ISSUED FOR DESIGN DEVELOPMENT	31 JUL 2014
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15	DOB AMENDMENT 3	03 OCT 2016

0 4' - 0" 8' - 0" 16' - 0"

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CONSULTANT:
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ONE LIBERTY PLAZA, 165 BROADWAY, 22nd FLOOR
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Philadelphia | Princeton | Dallas | Cleveland | Toronto

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
89th and 90th FLOOR PLANS - LIGHTING (MFD-127th-128th FLOOR)

SEAL & SIGNATURE:

DATE:	04/04/14
PROJECT No:	Y130747-000
DRAWN: JJ/PW	REV: 15
CHK: EA	
SCALE: 1/8" = 1'-0"	
DWG No:	**E-166.01**
DOB PAGE No:	35 of 127

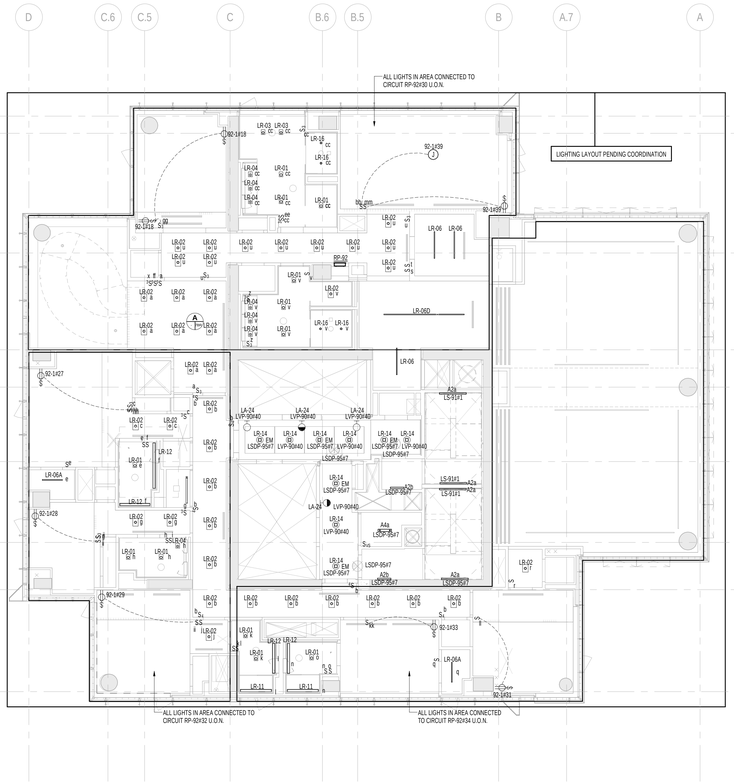
DOB EMPLOYEE STAMP:

DOB B-SCAN:

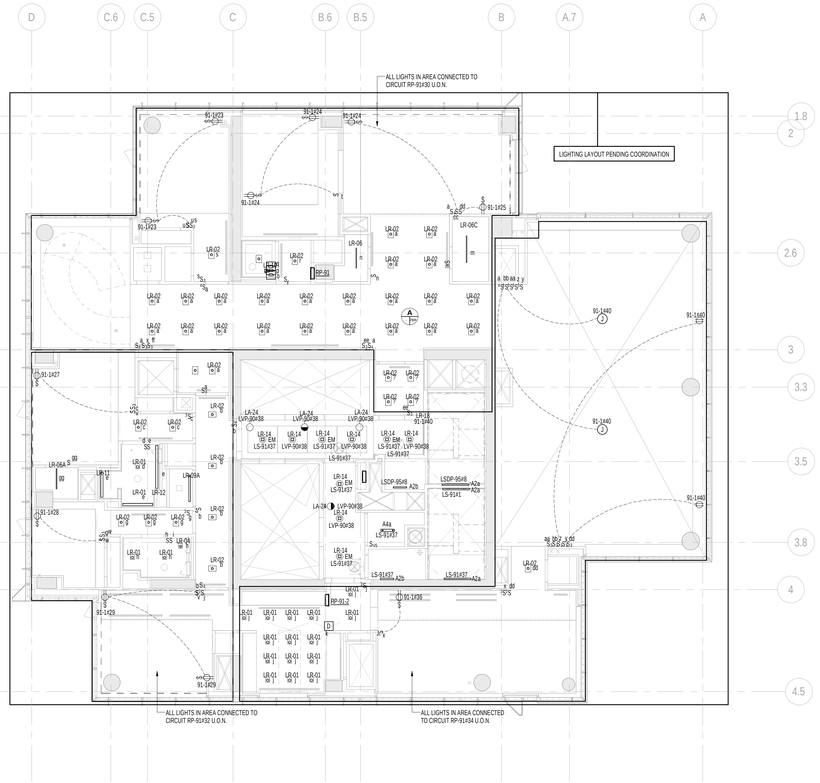
FILE NAME: C:\Revit Local Files\Y130747-000-AAT-R05_MEP15-CENTRAL_jjingram@akfgroup.com.rvt
PLOT DATE: 2/17/2016 2:53:36 PM

DEPT OF BLDGS 421263535 Job Number
B2002744300 Scan Code

36" x 48" Arch E SHEET SIZE



2 92nd FLOOR PLAN
SCALE: 1/8" = 1'-0"



1 91st FLOOR PLAN
SCALE: 1/8" = 1'-0"

LIGHTING GENERAL NOTES:

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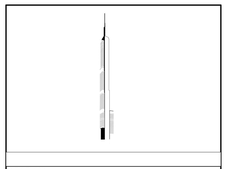

KEY PLAN:

PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

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0 4'-0" 8'-0" 16'-0"

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Arlington • Boston • Mexico City • Philadelphia • Seattle
Washington, D.C. • Atlanta • Cincinnati • Cleveland

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
91st and 92nd FLOOR PLANS - LIGHTING (MFD-129th-130th FLOOR)

SEAL & SIGNATURE:

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CHK:	EA
SCALE:	1/8" = 1'-0"
REV:	12
DWG No:	**E-167.01**
DOB PAGE No:	36 of 127

DOB EMPLOYEE STAMP:

DOB B-SCAN:

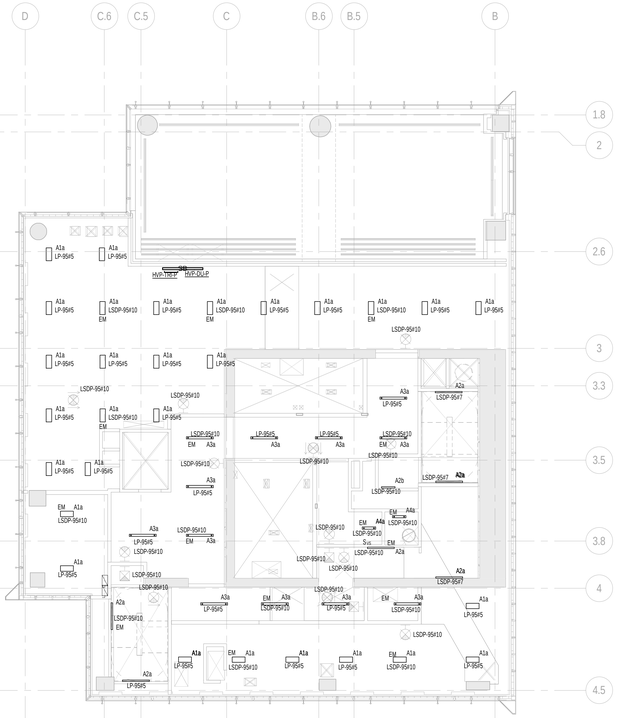
FILE NAME: C:\Revit Local Files\V130747-000-AKF-865_MEP15-CENTRAL_jlangner@aklgroup.com.rvt
PLOT DATE: 2/13/2016 8:26:58 PM

36" x 48" Arch E SHEET SIZE

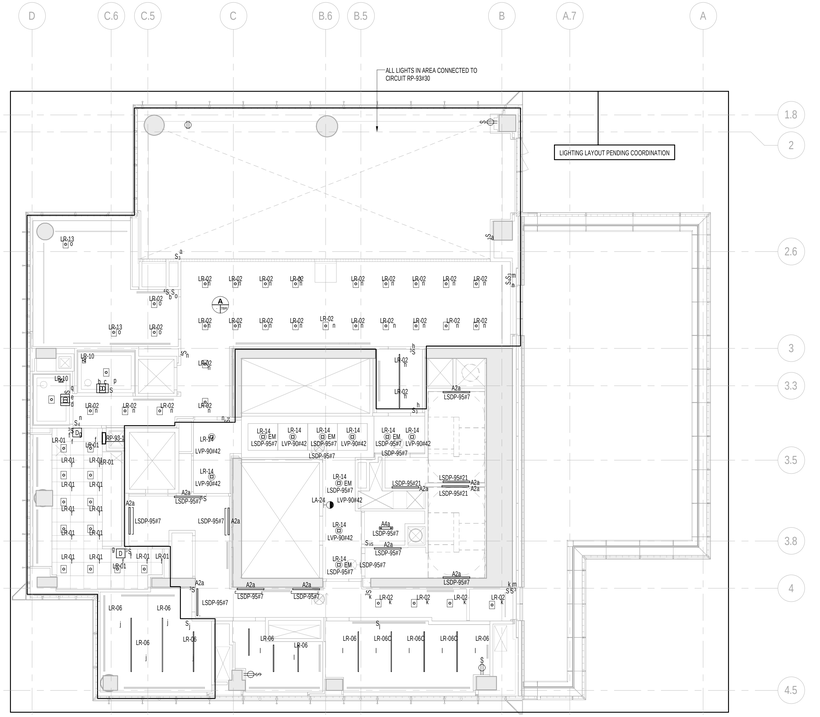
DEPT OF BUILDINGS 13 1263535 Job Number
E 364519319 NB Scan Code

LIGHTING GENERAL NOTES:

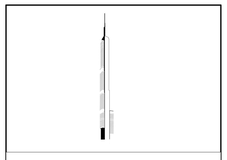
1. LIGHTING CONTROLS SHALL BE PROVIDED AS PER MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4, AND AS MODIFIED BY 2011 NYCECC APPENDIX A INCLUDING AUTOMATIC LIGHTING SHUTOFF (SECTION 9.4.1.1) SPACE CONTROL (9.4.1.2), EXTERIOR LIGHTING CONTROL (9.4.1.3) AND AS APPLICABLE, ADDITIONAL CONTROL (9.4.1.4).
2. EXIT SIGNS SHALL COMPLY WITH NYCECC 2011 MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4.3, NOT TO EXCEED 5W PER FACE. CONNECT ALL EXIT SIGNS ON FLOOR TO UNSWITCHED CIRCUIT INDICATED ON PLANS.
3. EXTERIOR BUILDING LIGHTING SHALL COMPLY WITH NYCECC MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4.4.
4. ALL FIXTURES WITHIN CLOSETS WHERE SWITCHING ZONE IS NOT INDICATED ARE CONTROLLED VIA INTEGRAL IR SENSORS.



2 94th FLOOR PLAN
SCALE: 1/8" = 1'-0"



1 93rd FLOOR PLAN
SCALE: 1/8" = 1'-0"



KEY PLAN:

PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
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TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
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Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
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TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	ISSUED FOR SCHEMATIC DESIGN	04 APR 2014
2	ISSUED FOR DESIGN DEVELOPMENT	01 JUL 2014
3	ISSUED FOR DESIGN DEVELOPMENT	31 JUL 2014
4	CD PROGRESS ISSUE 1	15 OCT 2014
5	ISSUED FOR BID - ELECTRICAL	15 OCT 2014
6	DOB SUBMISSION	19 DEC 2014
7	CD PROGRESS ISSUE 3	09 MAR 2015
8	CD PROGRESS ISSUE 5	10 AUG 2015
9	DOB AMENDMENT 2	18 SEP 2015
10	CD PROGRESS ISSUE 6	02 NOV 2015
11	CD PROGRESS ISSUE 7	29 JAN 2016
12	CD PROGRESS ISSUE 8 - GMP SET	18 MAR 2016
13	CD BULLETIN ISSUE 2	06 MAY 2016
14	CD BULLETIN ISSUE 3	25 MAY 2016
15	CD BULLETIN ISSUE 7	14 SEPT 2016
16	DOB AMENDMENT 3	03 OCT 2016

0 4' - 0" 8' - 0" 16' - 0"

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ALL DIMENSIONS ARE SHOWN IN IMPERIAL.

CONSULTANT:
A K F
ONE LIBERTY PLAZA, 165 BROADWAY, 22nd FLOOR
NEW YORK, NY 10006
T: 212.354.5656 F: 212.354.5668
Arlington | Atlanta | Miami Dade | Philadelphia | Santa Ana
Philadelphia | Princeton | Sydney | Auckland | Shanghai

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
93rd and 94th FLOOR PLANS - LIGHTING (MFD-131st-132nd FLOOR)

SEAL & SIGNATURE:

DATE:	04/04/14
PROJECT No:	V130747-000
DRAWN: JJ/PW	REV: 16
CHK: EA	
SCALE: 1/8" = 1'-0"	
DWG No:	**E-168.01**
DOB PAGE No:	37 of 127

DOB EMPLOYEE STAMP:

DOB B-SCAN:

FILE NAME: C:\Revit Local Files\V130747-000-AKF-865_MEP15-CENTRAL_jlangner@akfgroup.com.rvt
PLOT DATE: 2/13/2018 2:31:08 PM

DEPT OF BUILDINGS 121263535 Job Number
E53414456516 Scan Code

36" x 48" Arch E SHEET SIZE

PLAN NOTES:

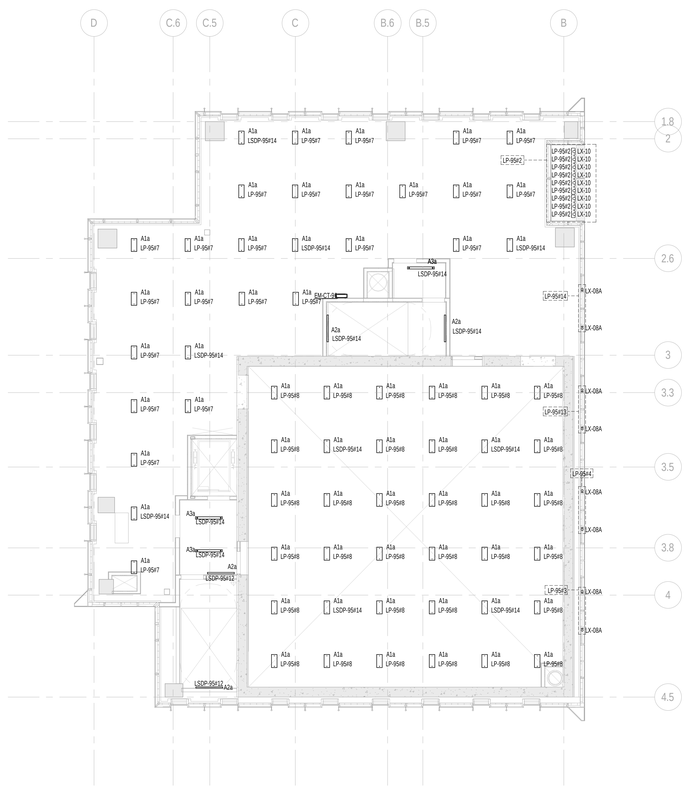
1. PROVIDE PERIMETER HEAT TRACING AT BUILDING PERIMETER AS SHOWN ON E-603.00 "HEAT TRACE AT MECHANICAL FLOORS DETAIL". PROVIDE JUNCTION BOX AS SHOWN FOR EACH 277V HEAT TRACE CIRCUIT AS INDICATED PER DETAIL. PROVIDE SNOW AND ICE DETECTION SYSTEM.

KEY NOTES:

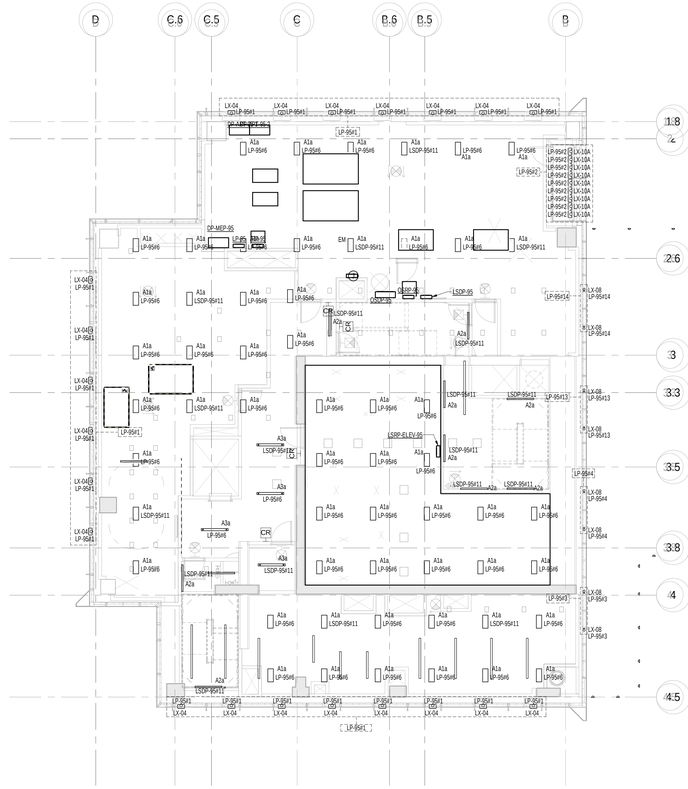
(1) E.C. TO PROVIDE 2" CONDUIT WITH DRAG LINE FOR BLADE WALL HEAT TRACE TRHU CONCRETE SHEAR WALL. COORDINATE WITH STRUCTURE. E.C. TO COORDINATE THE INSTALLATION OF THE BLADE WALL WITH THE CURTAIN WALL INSTALLER. E.C. TO ENSURE THAT THE BLADE WALL HEAT TRACE WIRE WHIP IS SECURED WITHIN THE INTERIOR JUNCTION BOX AT THE COMPLETETION OF THE INSTALLATION OF EACH ~12' SECTION OF BLADE WALL.

LIGHTING GENERAL NOTES:

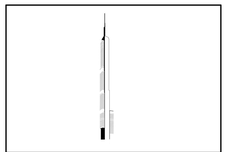
1. LIGHTING CONTROLS SHALL BE PROVIDED AS PER MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4, AND AS MODIFIED BY 2011 NYCECC APPENDIX A INCLUDING AUTOMATIC LIGHTING SHUTOFF (SECTION 9.4.1.1) SPACE CONTROL (9.4.1.2), EXTERIOR LIGHTING CONTROL (9.4.1.3) AND AS APPLICABLE, ADDITIONAL CONTROL (9.4.1.4)
2. EXIT SIGNS SHALL COMPLY WITH NYCECC 2011 MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4.3, NOT TO EXCEED 5W PER FACE. CONNECT ALL EXIT SIGNS ON FLOOR TO UNSWITCHED CIRCUIT INDICATED ON PLANS.
3. EXTERIOR BUILDING LIGHTING SHALL COMPLY WITH NYCECC MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4.4
4. ALL FIXTURES WITHIN CLOSETS WHERE SWITCHING ZONE IS NOT INDICATED ARE CONTROLLED VIA INTEGRAL IR SENSORS.



2 96th FLOOR PLAN
SCALE: 1/8" = 1'-0"



1 95th FLOOR PLAN
SCALE: 1/8" = 1'-0"



KEY PLAN:

PROJECT NORTH

TRUE NORTH

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EXTELL DEVELOPMENT COMPANY
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13	CD BULLETIN ISSUE 2	06 MAY 2016
14	DOB AMENDMENT 3	03 OCT 2016

0 4' - 0" 8' - 0" 16' - 0"

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T: 212.354.5656 F: 212.354.5668
Abu Dhabi | Boston | Mexico City | Minneapolis | New York
Philadelphia | Pittsburgh | Portland | San Francisco | Stamford

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
95th and 96th FLOOR PLANS - LIGHTING (MFD-133rd-134th FLOOR)

SEAL & SIGNATURE:

STATE OF NEW YORK · DEPARTMENT OF STATE · LICENSED PROFESSIONAL ENGINEER

DATE:	04/04/14
PROJECT No:	Y130747-000
DRAWN: JJ/PW	REV: 14
CHK: EA	
SCALE: 1/8" = 1'-0"	
DWG No:	**E-169.01**
DOB PAGE No:	38 of 127

DOB EMPLOYEE STAMP: DOB B-SCAN:

FILE NAME: C:\Revit Local Files\Y130747-000-AIF-R05_MEP15-CENTRAL_jjlangner@akfgroup.com.rvt
PLOT DATE: 2016-10-6 2:51:15 PM

DEPT OF BLDGS 421265635 Job Number
B3570827474 Scan Code

36" x 48" Arch E SHEET SIZE

LIGHTING GENERAL NOTES:

1. LIGHTING CONTROLS SHALL BE PROVIDED AS PER MANDATORY PROVISIONS AS REQUIRED BY ASHRAE 90.1-2007 SECTION 9.4. AND AS MODIFIED BY 2011 NYCECC APPENDIX A INCLUDING AUTOMATIC LIGHTING SHUTOFF (SECTION 9.4.1.1) SPACE CONTROL (9.4.1.2), EXTERIOR LIGHTING CONTROL (9.4.1.3) AND AS APPLICABLE, ADDITIONAL CONTROL (9.4.1.4).
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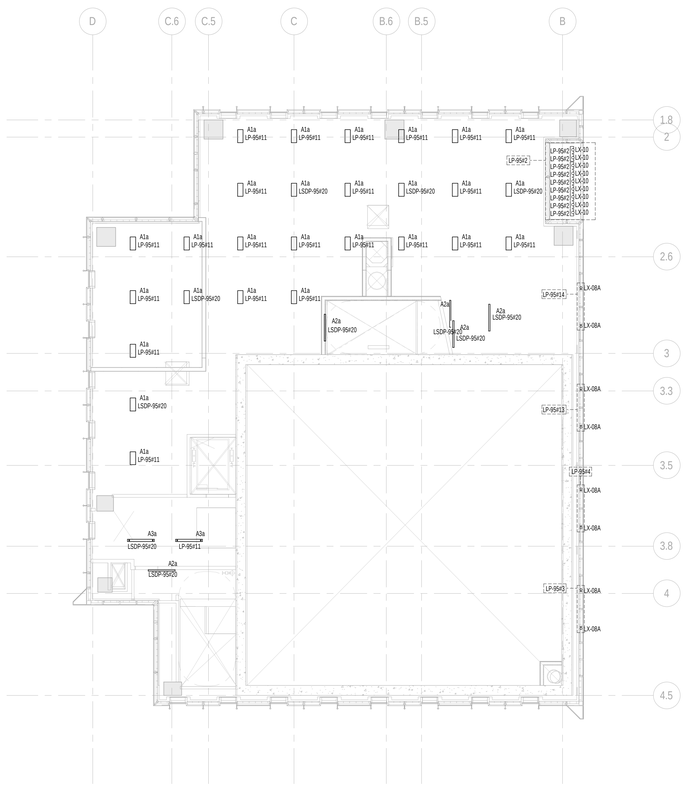
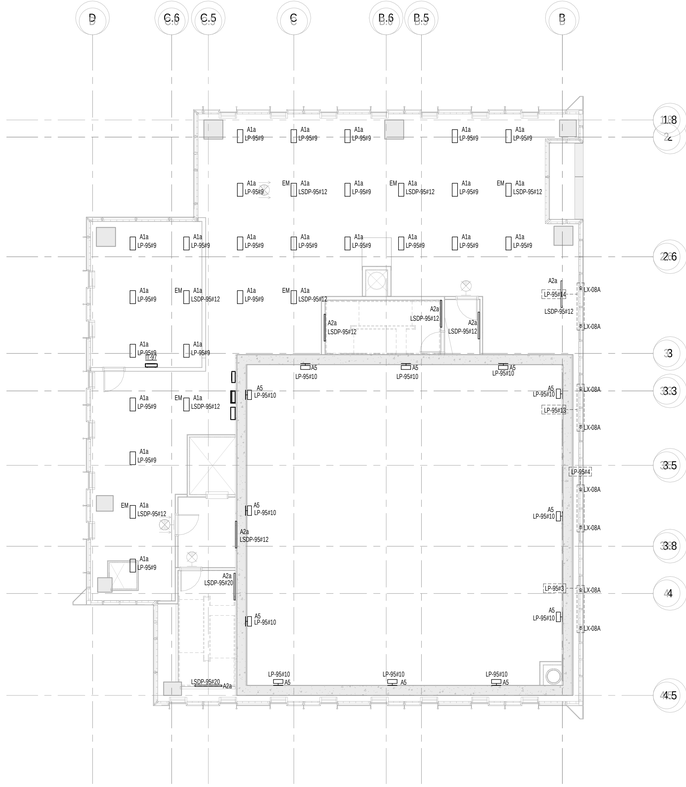
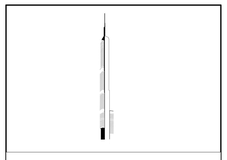


2 98th FLOOR PLAN
SCALE: 1/8" = 1'-0"



1 97th FLOOR PLAN
SCALE: 1/8" = 1'-0"



KEY PLAN:

PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

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0 4' - 0" 8' - 0" 16' - 0"

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CONSULTANT:
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PROJECT:

217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:

ELECTRICAL
97th and 98th FLOOR PLANS - LIGHTING (MFD-135th-136th FLOOR)

SEAL & SIGNATURE:

DATE:	04/04/14
PROJECT No:	V130747-000
DRAWN:	JJ/PW
CHK:	EA
SCALE:	1/8" = 1'-0"
REV:	14
DWG No:	**E-170.01**
DOB PAGE No:	39 of 127

DOB EMPLOYEE STAMP:

DOB B-SCAN:

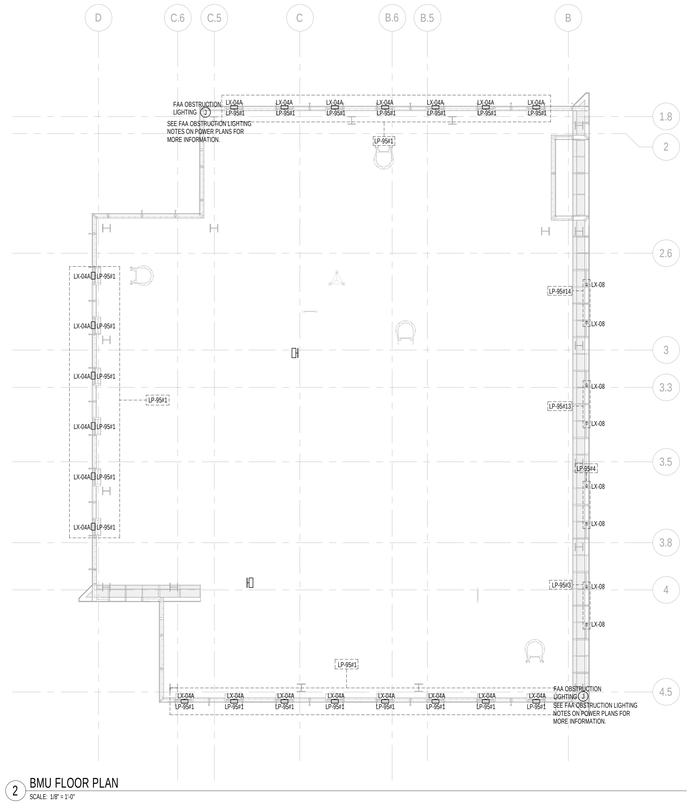
FILE NAME: C:\Revit Local Files\V130747-000-AKF-865_MEP15-CENTRAL_jlangone@aklgroup.com.rvt
PLOT DATE: 2/13/2016 2:31:28 PM

DEPT OF BLDGS 121263635 Job Number
E350061335523 Scan Code

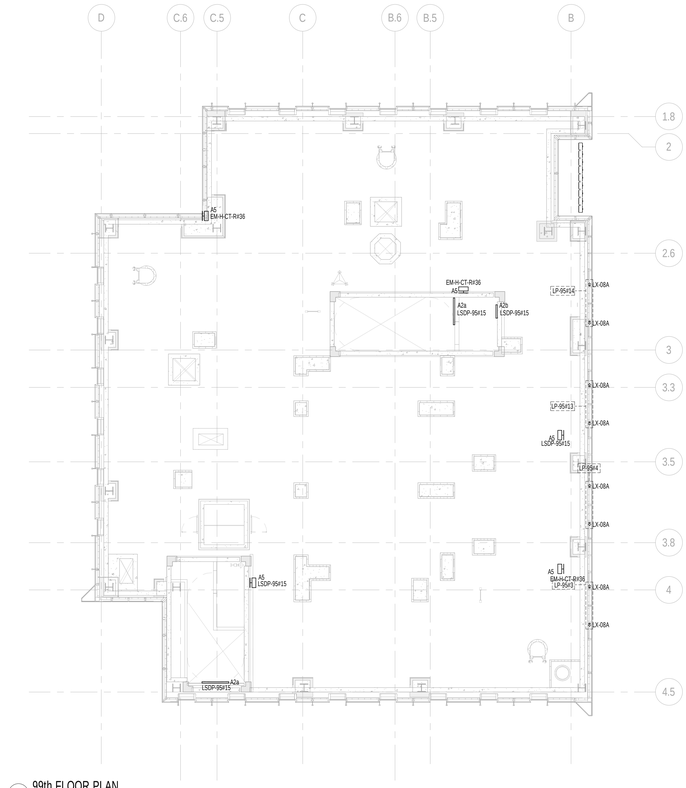
36" x 48" Arch E SHEET SIZE

FAA LIGHTING NOTES:

1. REFER TO ARCHITECTURAL PLANS FOR FAA LIGHTING SPECIFICATIONS AND EXACT LOCATIONS.
2. PROVIDE CIRCUIT TO FAA OBSTRUCTION LIGHTING CONTROL PANEL LOCATED IN THE 95TH FLOOR ELECTRICAL ROOM.
3. PROVIDE EATON PHOTOELECTRIC CONTROL (PCR) AT FAA OBSTRUCTION LIGHTING LOCATIONS. RUN 2#12 + 1#12GND FROM EACH PHOTOCELL TO THE OBSTRUCTION LIGHTING CONTROL PANEL ON THE 95TH FLOOR.
4. ALL FAA OBSTRUCTION LIGHTS TO BE EATON CWLPR120 L864 RED MEDIUM INTENSITY BEACON. RUN 2#12 + 1#12GND FROM EACH FAA OBSTRUCTION LIGHT TO THE OBSTRUCTION LIGHTING CONTROL PANEL ON THE 95TH FLOOR.



2 BMU FLOOR PLAN
SCALE: 1/8" = 1'-0"



1 99th FLOOR PLAN
SCALE: 1/8" = 1'-0"

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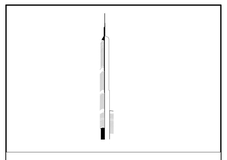

KEY PLAN:

PROJECT NORTH

TRUE NORTH

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805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
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No.	DESCRIPTION	DATE
1	CD PROGRESS ISSUE 3	09 MAR 2015
2	CD PROGRESS ISSUE 6	02 NOV 2015
3	CD PROGRESS ISSUE 7	29 JAN 2016
4	CD PROGRESS ISSUE 8 - GMP SET	18 MAR 2016
5	CD BULLETIN ISSUE 2	06 MAY 2016
6	CD BULLETIN ISSUE 3	25 MAY 2016
7	DOB AMENDMENT 3	03 OCT 2016

0 4'-0" 8'-0" 16'-0"

Discrepancies must be reported immediately to the Architect before proceeding. Only figured dimensions are to be used. Contractors must check all dimensions on site. This drawing is protected by copyright.

ALL DIMENSIONS ARE SHOWN IN IMPERIAL.

CONSULTANT:
A K F
ONE LIBERTY PLAZA, 165 BROADWAY, 22nd FLOOR
NEW YORK, NY 10006
T: 212.354.5656 F: 212.354.5668
Chicago | Cleveland | Detroit | Houston | Los Angeles | New York
Philadelphia | Princeton | Dallas | Tallahassee | Stamford

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
99th and BMU FLOOR PLANS - LIGHTING (MFD-137th FLOOR ROOF-COOLING TOWERS/BMU)

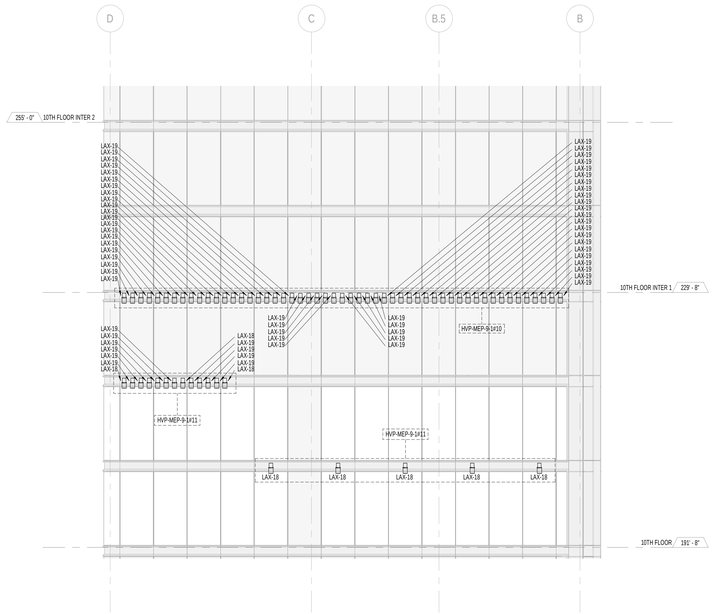
SEAL & SIGNATURE:

DATE:	04/04/14
PROJECT No:	Y130747-000
DRAWN: JJ/PW	REV: 7
CHK: EA	
SCALE: 1/8" = 1'-0"	
DWG No:	**E-171.01**
DOB PAGE No:	40 of 127

DOB EMPLOYEE STAMP: DOB B-SCAN:

FILE NAME: C:\Revit Local Files\Y130747-000-AAF-R05_MEP15-CENTRAL_jjlinger@adkgroup.com.rvt
PLOT DATE: 2016/10/3 5:1:47 PM

DEPT OF BLDGS 121626255 Job Number
E321449955 Scan Code
36" x 48" Arch E SHEET SIZE



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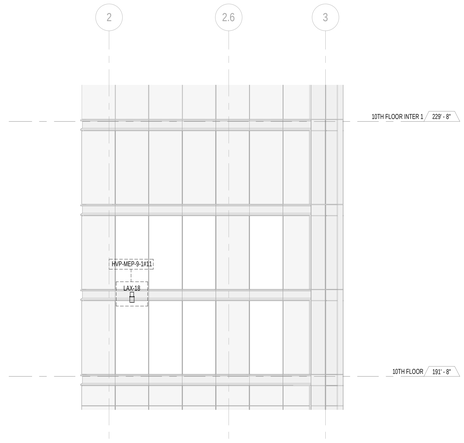

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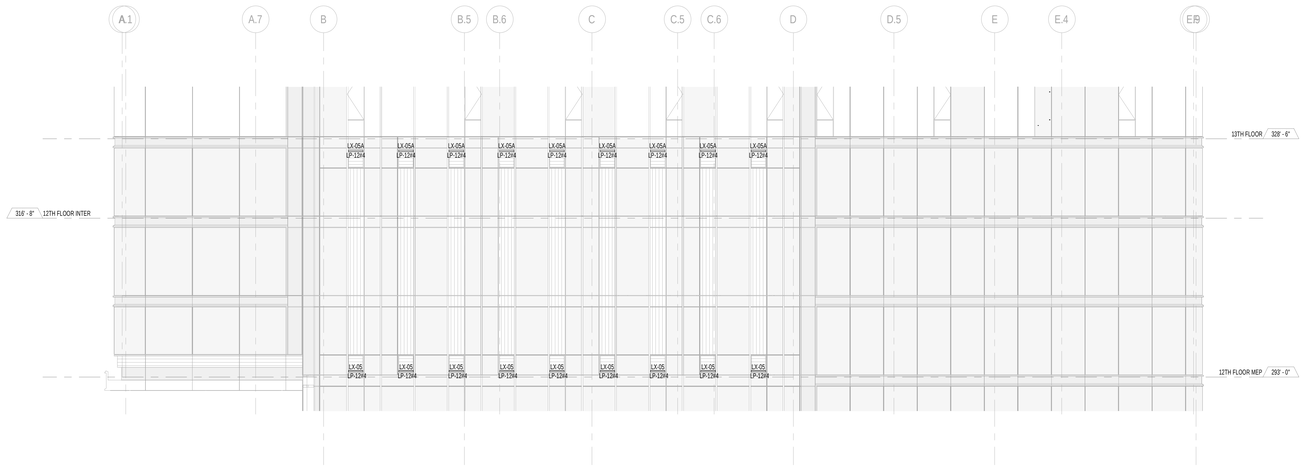

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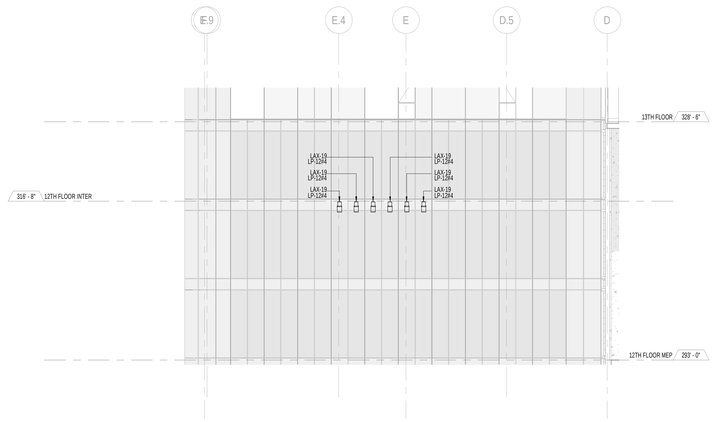

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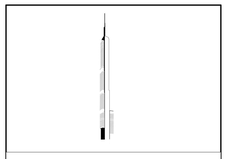
SCALE: 1/8" = 1'-0"



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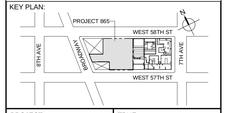

PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
401 Wellington St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
WSP CANTOR SEINUK
228 EAST 45th Street
New York, NY 10017 USA
TEL: 212 687 9888 FAX: 646 487 5501

MEP ENGINEERS:
AKF GROUP
One Liberty Plaza, 165 Broadway, 22nd Floor
New York, NY 10006 USA
TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS:
Langan Engineering & Environmental Services
21 Penn Plaza - 360 West 31st Street, 8th Floor
New York, NY 10001-2727
TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS:
Construction Consulting Associates
100 Church Street
New York, NY 10007
TEL: 212 385 1818 FAX: 212 385 1911

CURTAINWALL CONSULTANT:
AJLP Consulting
40 Worth Street. Suite 826
New York, NY 10013
TEL: 212 757 5659 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	CD BULLETIN ISSUE 2	06 MAY 2016
2	DOB AMENDMENT 3	03 OCT 2016

0 4' - 0" 8' - 0" 16' - 0"

Discrepancies must be reported immediately to the Architect before proceeding. Only figured dimensions are to be used. Contractors must check all dimensions on site. This drawing is protected by copyright.

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CONSULTANT:
AKF
ONE LIBERTY PLAZA, 165 BROADWAY, 22nd FLOOR
NEW YORK, NY 10006
T: 212.354.5656 F: 212.354.5668
Abingdon | Boston | Mexico City | Minneapolis | New York
Philadelphia | Houston | Dublin | Kuchbaai | Stamford

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
EXTERIOR LIGHTING SECTIONS

SEAL & SIGNATURE:
STATE OF NEW YORK · STEPHEN C. WONG · 091135 · LICENSED PROFESSIONAL ENGINEER

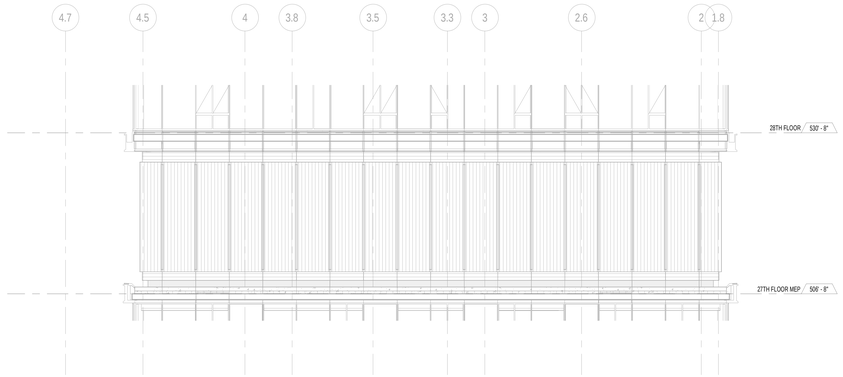
DATE: 05/05/16
PROJECT No: Y130747-000
DRAWN: PW
CHK: SC
SCALE: 1/8" = 1'-0"
REV: 2
DWG No: **E-300.00**
DOB PAGE No: 81 of 127

DOB EMPLOYEE STAMP:
DOB B-SCAN:

FILE NAME: C:\Revit Local Files\Y130747-000-AKF-R05_MEP15-CENTRAL_jlangner@akfgroup.com.rvt
PLOT DATE: 2/13/2018 2:51:59 PM

DEPT OF BLDGS Job Number
E-366181/M490 Job Code

36" x 48" Arch E SHEET SIZE



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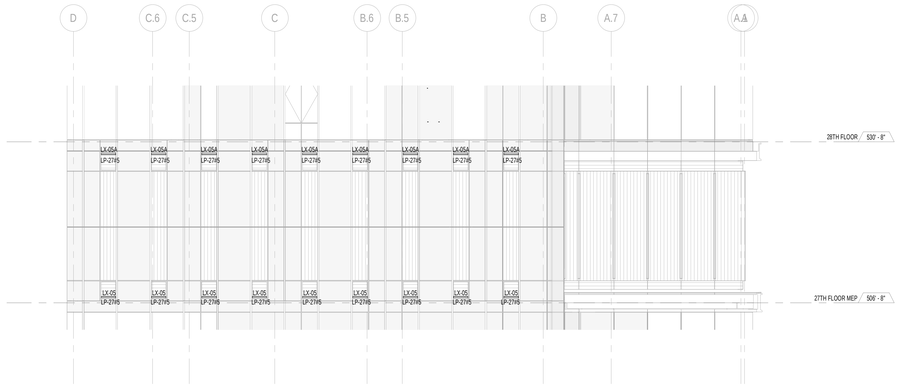
SCALE: 1/8" = 1'-0"



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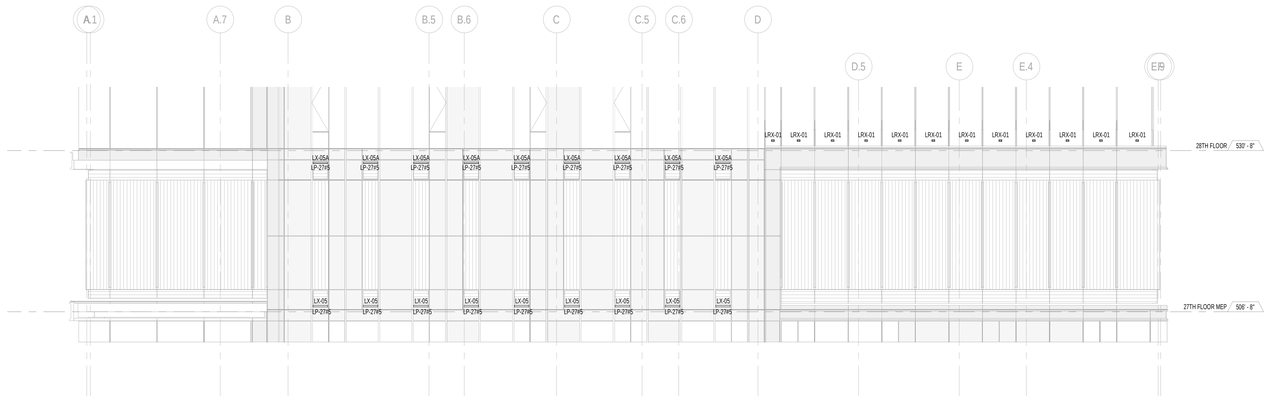

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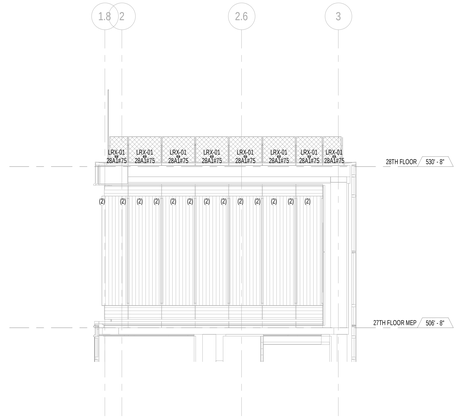

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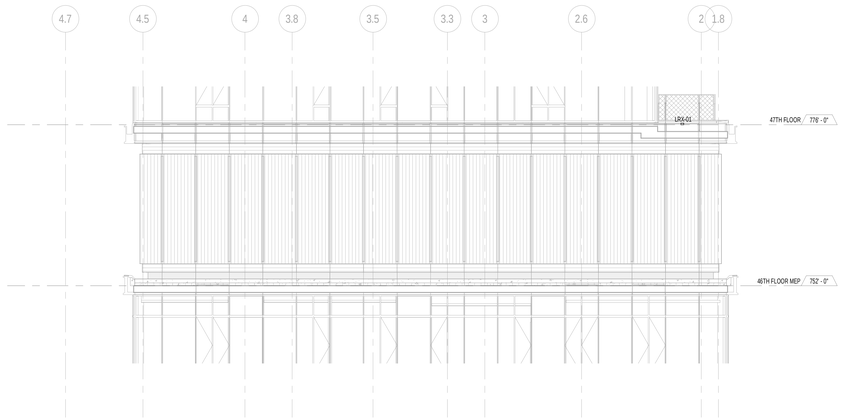
SCALE: 1/8" = 1'-0"



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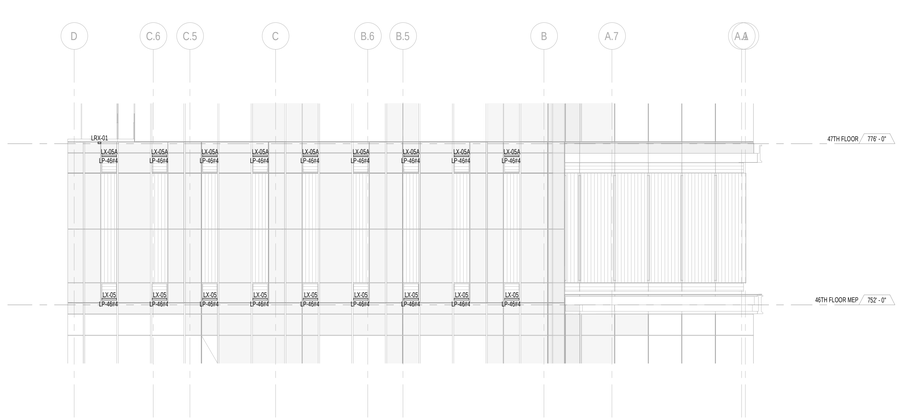
SCALE: 1/8" = 1'-0"



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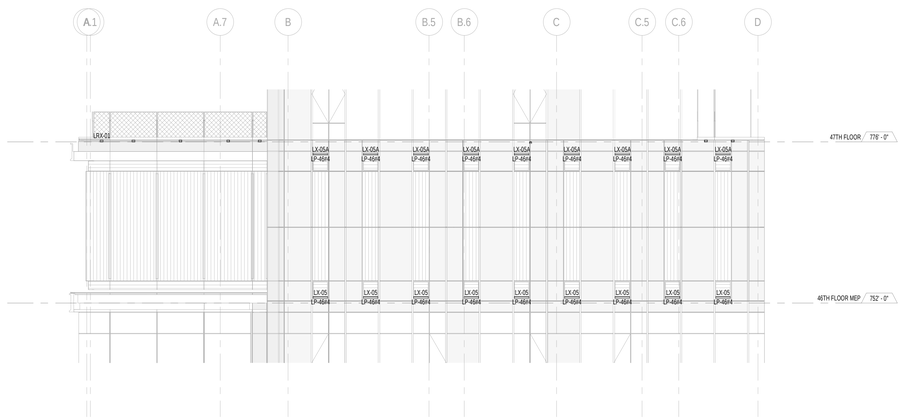
SCALE: 1/8" = 1'-0"



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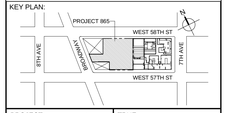
SCALE: 1/8" = 1'-0"

KEY PLAN:



PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
401 Wellington St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
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228 EAST 45th Street
New York, NY 10017 USA
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MEP ENGINEERS:
AKF GROUP
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New York, NY 10006 USA
TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS:
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21 Penn Plaza - 360 West 31st Street, 8th Floor
New York, NY 10001-2727
TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS:
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New York, NY 10007
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CURTAINWALL CONSULTANT:
AJLP Consulting
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New York, NY 10013
TEL: 212 757 5659 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	CD BULLETIN ISSUE 2	06 MAY 2016
2	DOB AMENDMENT 3	03 OCT 2016

0 4' - 0" 8' - 0" 16' - 0"

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CONSULTANT:
AKF
ONE LIBERTY PLAZA, 165 BROADWAY, 22nd FLOOR
NEW YORK, NY 10006
T: 212.354.5656 F: 212.354.5668
Abu Dhabi | Boston | Mexico City | Minneapolis | New York
Philadelphia | Houston | Dublin | Kuwait | Sanibel

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
EXTERIOR LIGHTING SECTIONS

SEAL & SIGNATURE:

DATE:	05/05/16
PROJECT No:	Y130747-000
DRAWN: PW	REV: 2
CHK: SC	
SCALE: 1/8" = 1'-0"	
DWG No:	**E-301.00**
DOB PAGE No:	82 of 127

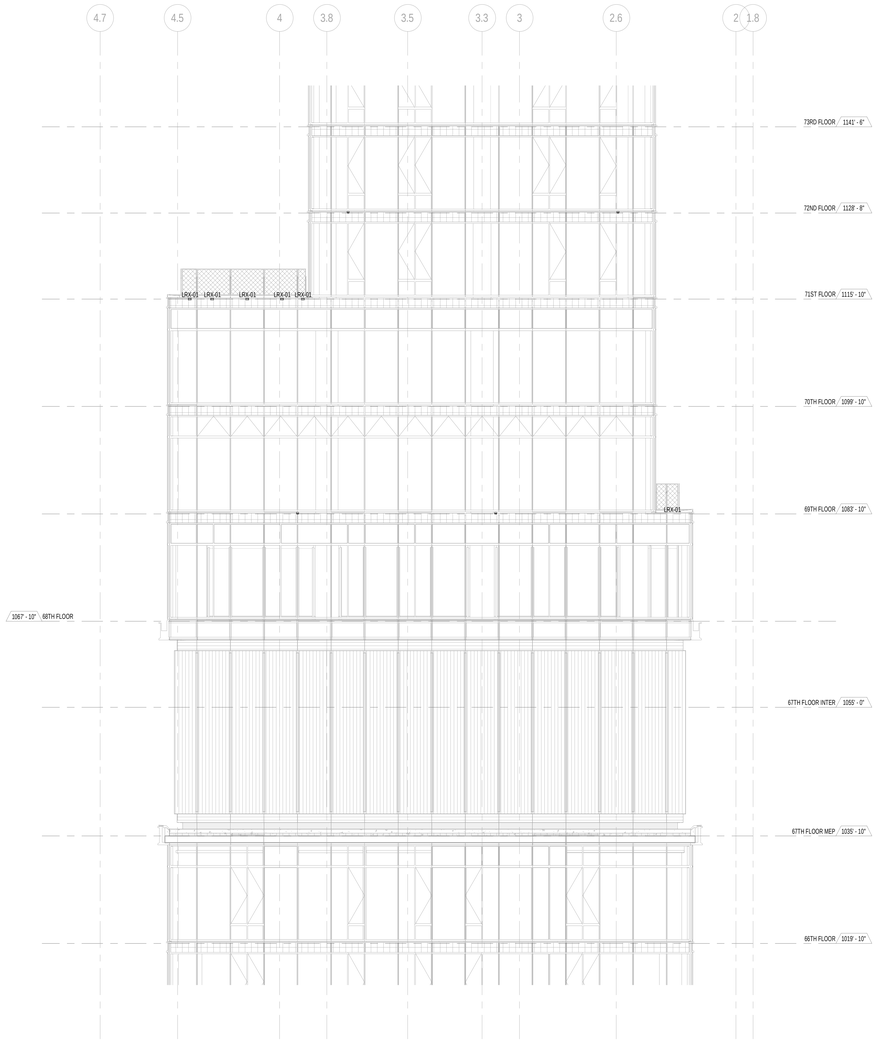
DOB EMPLOYEE STAMP:

DOB B-SCAN:

FILE NAME: C:\Revit Local Files\Y130747-000-AKF-R05_MEP15-CENTRAL_jlangord@akfgroup.com.rvt
PLOT DATE: 2/13/2017 2:21:17 PM

36" x 48" Arch E SHEET SIZE

DEPT OF BLDGS 421265525 Job Number
E380520333171 Scan Code



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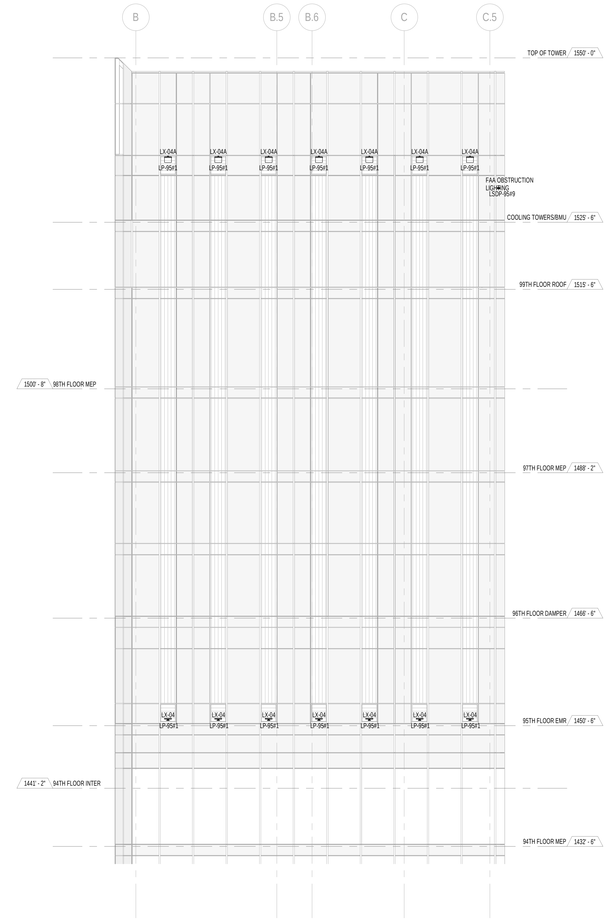

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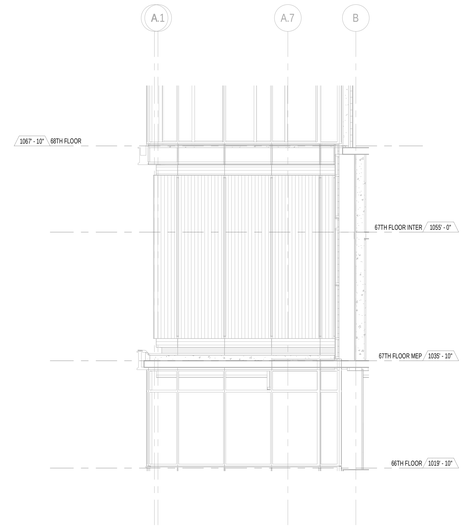

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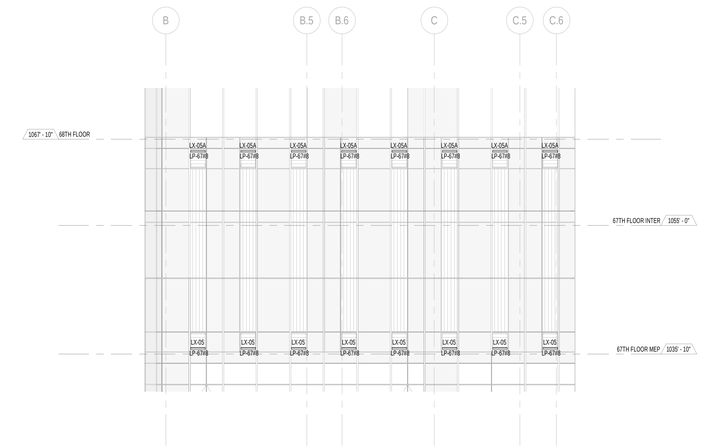

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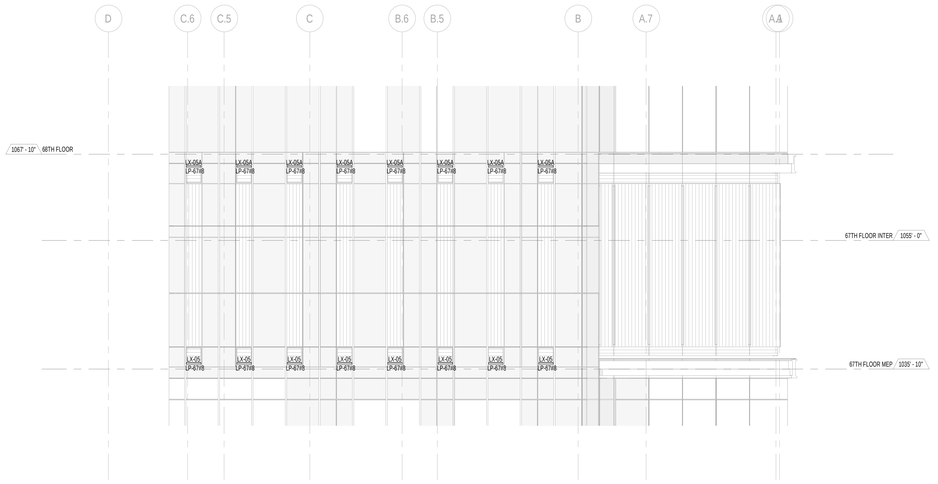

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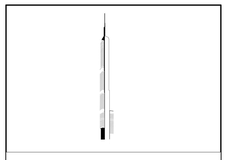
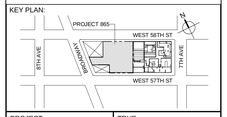
SCALE: 1/8" = 1'-0"



KEY PLAN:



PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
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Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

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CURTAINWALL CONSULTANT:
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New York, NY 10013
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LANDMARK/PRESERVATION CONSULTANT:
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New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	CD BULLETIN ISSUE 2	06 MAY 2016
2	DOB AMENDMENT 3	03 OCT 2016

0 4' - 0" 8' - 0" 16' - 0"

Discrepancies must be reported immediately to the Architect before proceeding. Only figured dimensions are to be used. Contractors must check all dimensions on site. This drawing is protected by copyright.

ALL DIMENSIONS ARE SHOWN IN IMPERIAL.

CONSULTANT:
AKF
ONE LIBERTY PLAZA, 165 BROADWAY, 22nd FLOOR
NEW YORK, NY 10006
T: 212.354.5656 F: 212.354.5668
Arlington / Boston / Mexico City / Minneapolis / New York
Philadelphia / Raleigh / Reading / Richmond / Stamford

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
EXTERIOR LIGHTING SECTIONS

SEAL & SIGNATURE:

DATE:	05/05/16
PROJECT No:	Y130747-000
DRAWN:	PW
CHK:	SC
SCALE:	1/8" = 1'-0"
REV:	2
DWG No:	**E-302.00**
DOB PAGE No:	83 of 127

DOB EMPLOYEE STAMP:

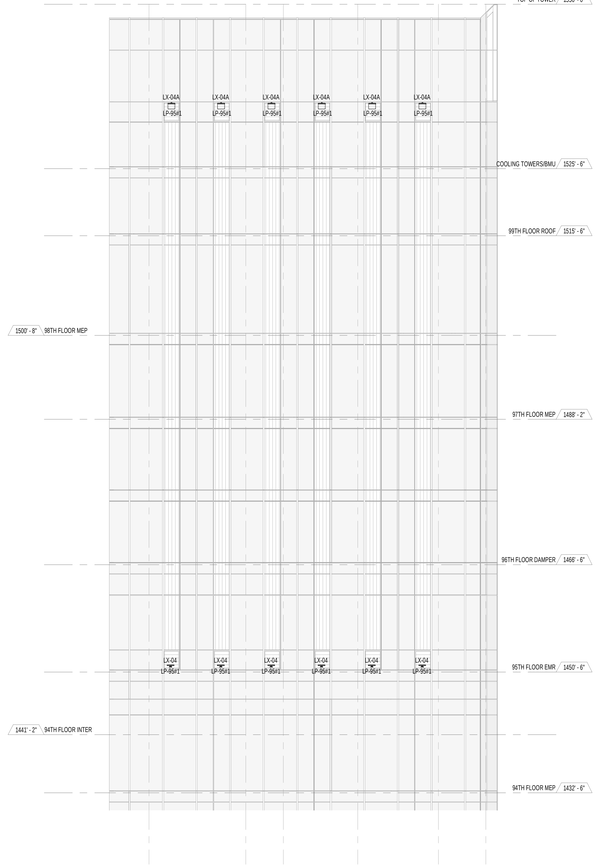
DOB B-SCAN:

FILE NAME: C:\Revit Local Files\Y130747-000-AKF_MEP15-CENTRAL_jlangner@akfgroup.com.rvt
PLOT DATE: 2/11/2016 2:31:28 PM

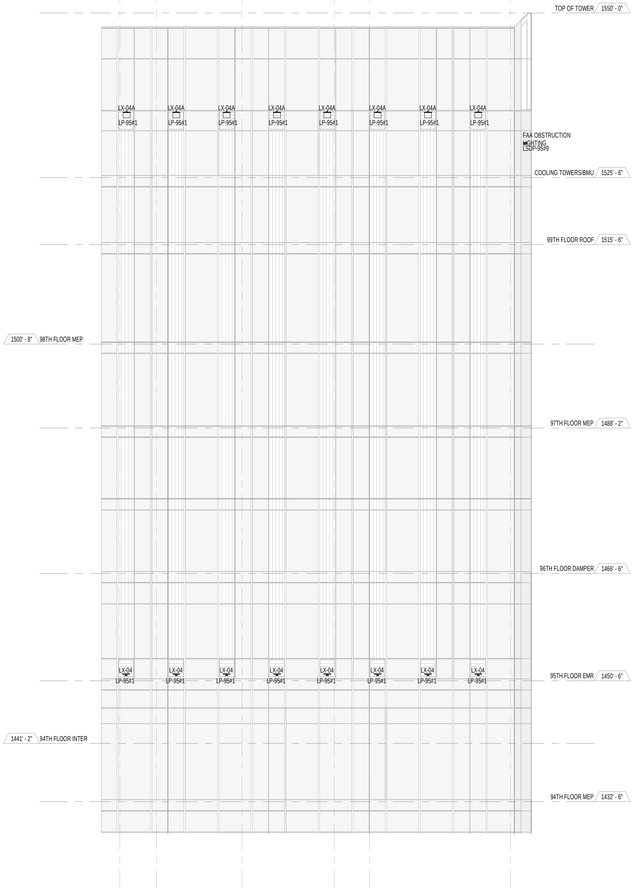
DEPT OF BLDGS 121263525 Job Number
E305587720 Scan Code

36" x 48" Arch E SHEET SIZE

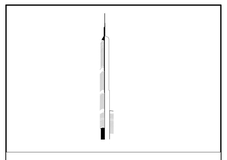
1 EXT. LTG. - 95 EAST
SCALE: 1/8" = 1'-0"



4 EXT. LTG. - 95 WEST
SCALE: 1/8" = 1'-0"



3 EXT. LTG. - 95 SOUTH
SCALE: 1/8" = 1'-0"



KEY PLAN:

PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
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CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

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New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
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401 Wellington St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

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New York, NY 10017 USA
TEL: 212 687 9888 FAX: 646 487 5501

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40 Worth Street. Suite 826
New York, NY 10013
TEL: 212 757 5659 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	CD BULLETIN ISSUE 2	06 MAY 2016
2	DOB AMENDMENT 3	03 OCT 2016

0 4' - 0" 8' - 0" 16' - 0"

Discrepancies must be reported immediately to the Architect before proceeding. Only figured dimensions are to be used. Contractors must check all dimensions on site. This drawing is protected by copyright.

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CONSULTANT:
AKF
ONE LIBERTY PLAZA, 165 BROADWAY, 22nd FLOOR
NEW YORK, NY 10006
T: 212.354.5656 F: 212.354.5668
Chicago | Denver | Houston | Los Angeles | New York
Philadelphia | Phoenix | Dallas | Tallahassee | Stamford

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
EXTERIOR LIGHTING SECTIONS

SEAL & SIGNATURE:

DATE: 05/05/16
PROJECT No: Y130747-000
DRAWN: PW
CHK: SC
REV: 2
SCALE: 1/8" = 1'-0"
DWG No: **E-303.00**
DOB PAGE No: 84 of 127

DOB EMPLOYEE STAMP:
DOB B-SCAN:

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PLOT DATE: 2/17/16 5:2:49 PM

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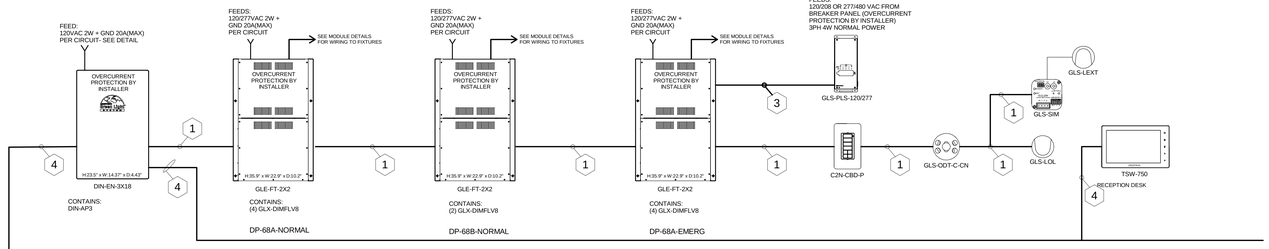
E53-M8525265 Scan Code

36" x 48" ANSI E SHEET SIZE



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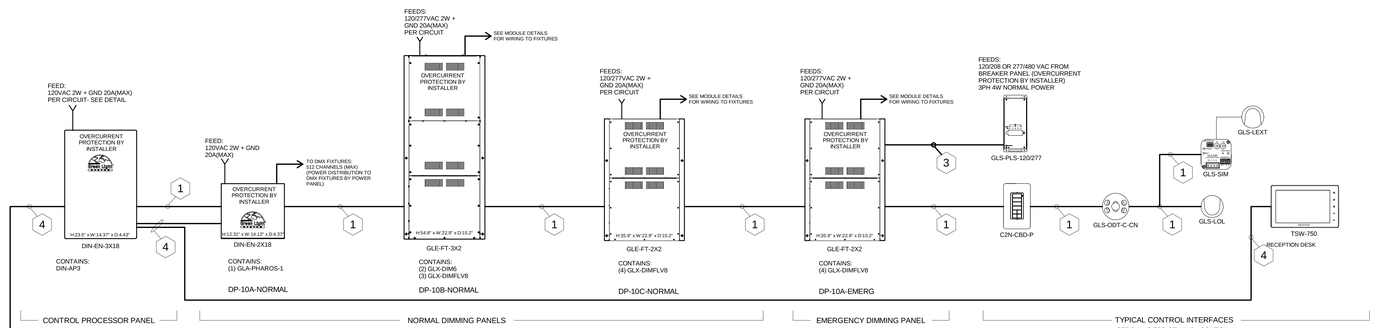

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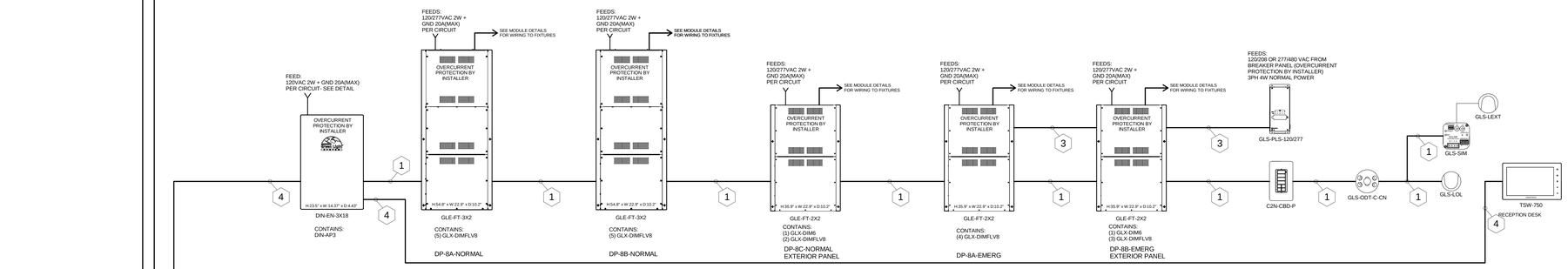

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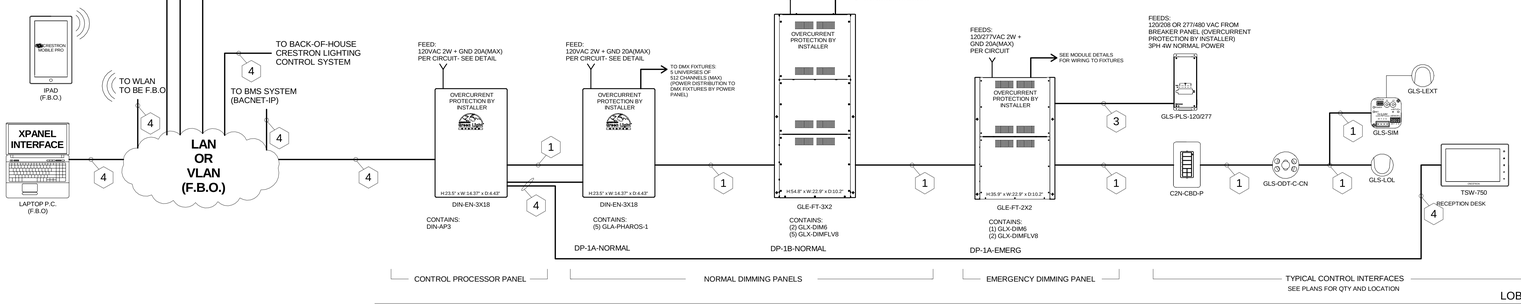

LOBBY LEVEL

NOTES:

1. "CRESNET" CABLE:
(1) PAIR #18AWG,
(1) TWISTED PAIR 22AWG W/SHIELD (BY E.C.)
NON-PLENUM P/N: CRESNET-NP-TL
PLENUM P/N: CRESNET-P-TL

2. RS-232 CABLE:
(1) TWISTED PAIR 22AWG
(1) SHIELD
DB-9 CONNECTOR
(BY E.C.)

3. CABLE:
(1) TWISTED PAIR 18AWG
(1) SHIELD
(BY E.C.)

4. CABLE:
CATSE ETHERNET

5. SUITABLE GAUGE WIRE TO MEET LOAD REQUIREMENTS

MAXIMUM CABLE LENGTH EQUATION:

$$L < \frac{40{,}000}{R \times P}$$

Where L = Maximum Length of run in feet from power source
R = 6 Ohms for Cresnet Certified wire or
1.6 Ohms for Cresnet High Power Certified wire
P = Cresnet Power usage of entire run

Example: A single run with (4) CNX-B6 Keypads, (4) GLS-SIM, (4) GLS-ODT-C-2000 (Sensor) has a total Cresnet Power usage of P = 20 Watts. Using standard Cresnet cable R = 6 the maximum wire length would be 333 feet. Using High Power Cresnet R= 1.6 the maximum wire length would be 1250 feet.

***ALL PHYSICAL DEVICE LOCATIONS TO BE COORDINATED WITH ARCHITECT.

LENGTH OF CRESNET WIRING RUNS ARE LIMITED TO # OF DEVICES AND CRESNET POWER DRAW. DAISY CHAIN AND OR STAR TOPOLOGIES ARE PERMITTED TO SUIT INSTALLATION NEEDS. EACH HOME RUN NOT TO EXCEED 20 CRESNET DEVICES. USE THE CALCULATOR SHOWN TO DETERMINE MAXIMUM WIRE RUN LENGTH. POWER SUPPLIES CAN BE ADDED TO INCREASE LENGTH OF HOME RUNS.

KEY PLAN:

PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
401 Wellington St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
WSP CANTOR SEINUK
228 EAST 45th Street
New York, NY 10017 USA
TEL: 212 687 9888 FAX: 646 487 5501

MEP ENGINEERS:
AKF GROUP
One Liberty Plaza, 165 Broadway, 22nd Floor
New York, NY 10006 USA
TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS:
Langan Engineering & Environmental Services
21 Penn Plaza - 360 West 31st Street, 8th Floor
New York, NY 10001-2727
TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS:
Construction Consulting Associates
100 Church Street
New York, NY 10007
TEL: 212 385 1818 FAX: 212 385 1911

CURTAINWALL CONSULTANT:
AJLP Consulting
40 Worth Street. Suite 826
New York, NY 10013
TEL: 212 757 5659 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	ISSUED FOR SCHEMATIC DESIGN	04 APR 2014
2	ISSUED FOR DESIGN DEVELOPMENT	01 JUL 2014
3	ISSUED FOR DESIGN DEVELOPMENT	31 JUL 2014
4	CD PROGRESS ISSUE 1	15 OCT 2014
5	ISSUED FOR BID - ELECTRICAL	15 OCT 2014
6	DOB SUBMISSION	19 DEC 2014
7	CD PROGRESS ISSUE 3	09 MAR 2015
8	CD PROGRESS ISSUE 5	10 AUG 2015
9	DOB AMENDMENT 2	18 SEP 2015
10	CD PROGRESS ISSUE 6	02 NOV 2015
11	CD PROGRESS ISSUE 7	29 JAN 2016
12	CD PROGRESS ISSUE 8 - GMP SET	18 MAR 2016
13	DOB AMENDMENT 3	03 OCT 2016
14	ISSUED FOR ASI #19	24 MAR 2017

0 4' - 0" 8' - 0" 16' - 0"

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CONSULTANT:
AKF
ONE UBERTY RAZA, 165 BROADWAY, 22nd FLOOR
NEW YORK, NY 10006
T: 212.354.5656 F: 212.354.5668
Irvine | Reno | Mexico City | Minneapolis | New York
Philadelphia | Houston | Dublin | Hamburg | Frankfurt

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL DETAILS

SEAL & SIGNATURE:

DATE:	04/04/14
PROJECT No:	Y130747-000
DRAWN: PW	REV: 14
CHK: EA	
SCALE: NONE	
DWG No:	E-602.01
DOB PAGE No: 119 of 127	

DOB EMPLOYEE STAMP:

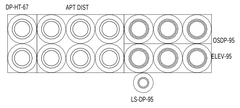
DOB B-SCAN:

FILE NAME: C:\Revit Local Files\Y130747-000-AKF-865_MEP15-CENTRAL_jlangner@aklgroup.com.vrt
PLOT DATE: 2/13/2017 2:55:39 PM

36" x 48" Arch E SHEET SIZE

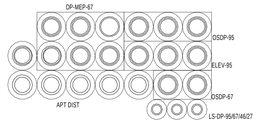
DEPT OF BLDGS 121305525 Job Number

ES3957729480 Scan Code



67-95TH FLOOR

ELECTRICAL CORE SHAFT 67-95 FLOOR
SCALE : 1" = 1'-0"



46-67TH FLOOR

ELECTRICAL CORE SHAFT 46-67 FLOOR
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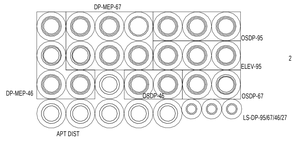

27-46TH FLOOR

ELECTRICAL CORE SHAFT 27-46 FLOOR
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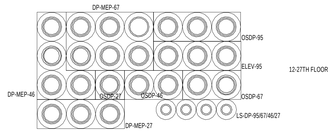

12-27TH FLOOR

ELECTRICAL CORE SHAFT 12-27 FLOOR
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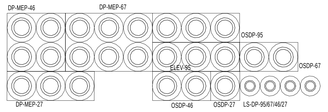
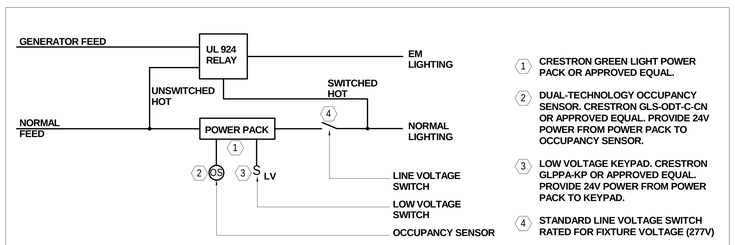


7-11TH FLOOR MAIN RISER LOCATION

ELECTRICAL CORE SHAFT 7-11 FLOOR
SCALE : 1" = 1'-0"

12TH FLOOR - ALTERNATE RISER LOCATION

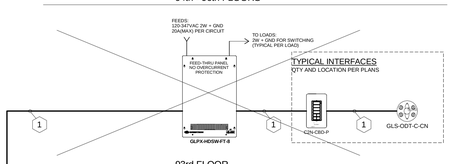
ELECTRICAL CORE SHAFT 7-11 FLOOR ALTERNATE RISER LOCATION
SCALE : 1" = 1'-0"



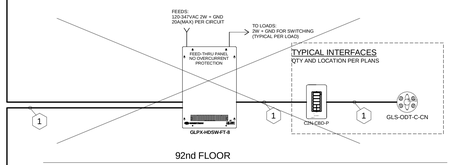
1. CRESTRON GREEN LIGHT POWER PACK OR APPROVED EQUAL.
2. DUAL-TECHNOLOGY OCCUPANCY SENSOR. CRESTRON GLS-ODT-C-CN OR APPROVED EQUAL. PROVIDE 24V POWER FROM POWER PACK TO OCCUPANCY SENSOR.
3. LOW VOLTAGE KEYPAD. CRESTRON GLPPA-KP OR APPROVED EQUAL. PROVIDE 24V POWER FROM POWER PACK TO KEYPAD.
4. STANDARD LINE VOLTAGE SWITCH RATED FOR FIXTURE VOLTAGE (277V)

EM AND NORMAL LIGHTING CONTROLS

94th - 96th FLOORS



93rd FLOOR



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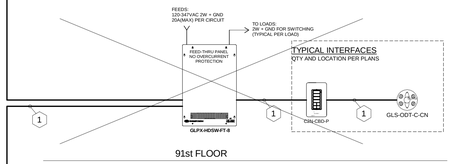

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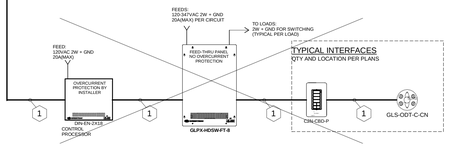
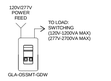
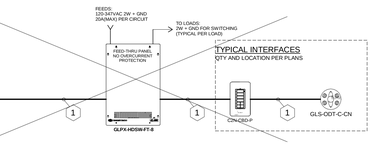


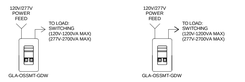
68th - 89th FLOORS



67th & 67th Mezz FLOORS



46th - 66th FLOORS



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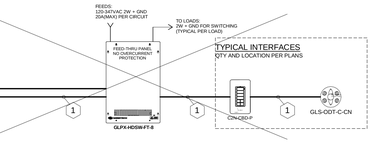

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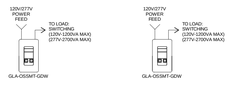
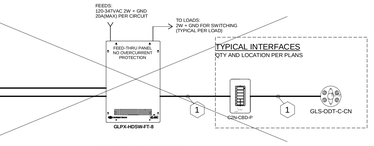


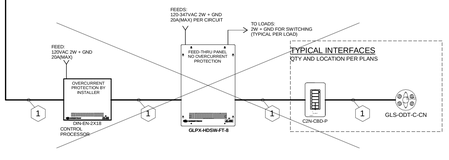
28th FLOORS

27th FLOOR



13th - 26th FLOORS

11th FLOOR



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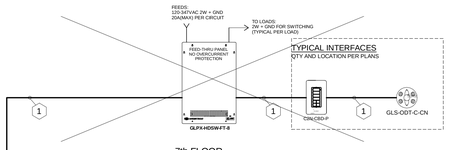

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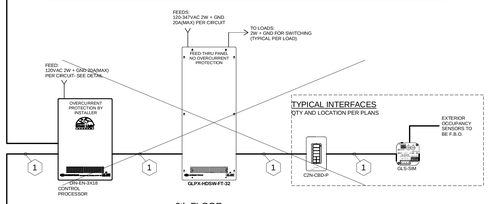

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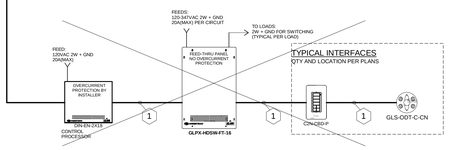

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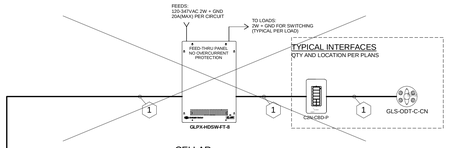
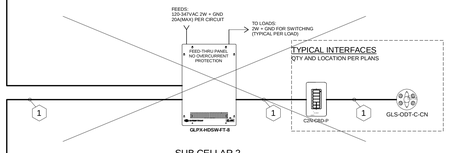
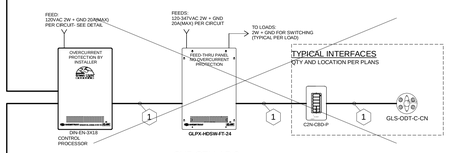


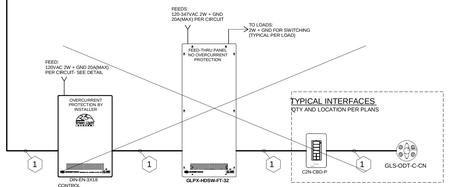
CELLAR

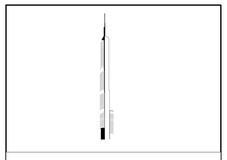


SUB CELLAR 2

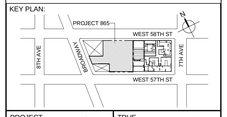


SUB CELLAR 3





KEY PLAN:



PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
401 Wellington St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
WSP CANTOR SEINUK
228 EAST 45th Street
New York, NY 10017 USA
TEL: 212 687 9888 FAX: 646 487 5501

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AKF GROUP
One Liberty Plaza, 165 Broadway, 22nd Floor
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TEL: 212 354 5656 FAX: 212 354 5668

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21 Penn Plaza - 360 West 31st Street, 8th Floor
New York, NY 10001-2727
TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS:
Construction Consulting Associates
100 Church Street
New York, NY 10007
TEL: 212 385 1818 FAX: 212 385 1911

CURTAINWALL CONSULTANT:
AJLP Consulting
40 Worth Street. Suite 826
New York, NY 10013
TEL: 212 757 5659 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	CD PROGRESS ISSUE 5	10 AUG 2015
2	DOB AMENDMENT 2	18 SEP 2015
3	CD PROGRESS ISSUE 6	02 NOV 2015
4	CD PROGRESS ISSUE 8 - GMP SET	18 MAR 2016
5	DOB AMENDMENT 3	03 OCT 2016
6	ISSUED FOR ASI #19	24 MAR 2017

0 4'-0" 8'-0" 16'-0"

Discrepancies must be reported immediately to the Architect before proceeding. Only figured dimensions are to be used. Contractors must check all dimensions on site. This drawing is protected by copyright.

ALL DIMENSIONS ARE SHOWN IN IMPERIAL.

CONSULTANT:
A K F
ONE LIBERTY PLAZA, 165 BROADWAY, 22nd FLOOR
NEW YORK, NY 10006
T: 212.354.5656 F: 212.354.5668
Raleigh | Boston | Miami | Palo Alto | Rochester | Tysons Philadelphia | Princeton | Toronto | Rochester | Stamford

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
LIGHTING CONTROL RISER DIAGRAM

SEAL & SIGNATURE:

DATE:	08/10/15
PROJECT No:	Y130747-000
DRAWN:	PW/EA
CHK:	EA
SCALE:	As indicated
REV:	6
DWG No:	**E-604.01**
DOB PAGE No:	121 of 127

DOB EMPLOYEE STAMP:

DOB B-SCAN:

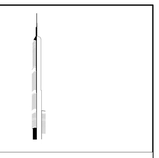
FILE NAME: C:\Revit Local Files\Y130747-000-MEP_MEP15-CENTRAL_jdonyor@akfgroup.com.vwf
PLOT DATE: 2/13/2017 2:53:03 PM

36" x 48" Arch E SHEET SIZE

DEPT OF BLDGS 121263535 Job Number
E302152458 Scan Code

ZONE	LOAD DESCRIPTION	FIXT. TYPE	FIXTURE DESCRIPTION	WATTS		QUANT.	FIXT. VOLT.	LOAD TYPE	LOAD TOTAL	PANEL NAME	MODULE TYPE	MODULE OUTPUT	PANEL & CKT
ZL1-01	57th St. Entrance Vestibule	LL-09	White color LED grazing strip	15	ft	294	UNV	ELV	4410	DP-1B-NORMAL	GLX-DIM6 (FWD ELV)	DIM6-A-1-5, DIM6-A-1-6	HVP-MEP-C#55,57
ZL1-01-EM	57th St. Entrance Vestibule	LL-09	White color LED grazing strip	15	ft	98	UNV	ELV	1470	DP-1A-EMERG	GLX-DIM6 (FWD ELV)	DIM6-AE-1-4	LSPP-C#7
ZL1-02	57th St. Entrance Vestibule	LL-06	LED cove light - 4ft	50	ea	240	UNV	ELV	12000	DP-1B-NORMAL	GLX-DIM6 (FWD ELV)	DIM6-B-1-1, DIM6-B-1-2, DIM6-B-1-3	HVP-MEP-C#75,76,77
		LL-06A	LED cove light - 1ft	12.5	ea	24	UNV	ELV	300	DP-1B-NORMAL	GLX-DIM6 (FWD ELV)	DIM6-B-1-4	HVP-MEP-C#58
ZL1-02-EM	57th St. Entrance Vestibule	LL-06	LED cove light - 4ft	50	ea	120	UNV	ELV	6000	DP-1A-EMERG	GLX-DIM6 (FWD ELV)	DIM6-AE-1-1, DIM6AE-1-2	LSPP-C#12,14
		LL-06A	LED cove light - 1ft	12.5	ea	6	UNV	ELV	75	DP-1A-EMERG	GLX-DIM6 (FWD ELV)	DIM6-AE-1-3	LSPP-C#7
ZL1-03	57th St. Entrance Vestibule	LL-07	LED strip lights mounted vertically	1.8	ft	252	UNV	0-10	453.6	DP-1B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-1-1	HVP-MEP-C#58
ZL1-04	57th St. Reception	LL-01A	Recessed LED downlight	28	ea	5	UNV	0-10	140	DP-1B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-1-2	HVP-MEP-C#58
ZL1-04-EM	57th St. Reception	LL-01A	Recessed LED downlight	28	ea	3	UNV	0-10	84	DP-1A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-1-1	LSPP-C#7
ZL1-05	57th St. Reception	LL-01	Recessed LED downlight	9	ea	2	UNV	0-10	18	DP-1B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-1-3	HVP-MEP-C#58
		LL-21	Recessed LED downlight	9	ea	2		0-10	18	DP-1B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-1-4	HVP-MEP-C#58
ZL1-05-EM	57th St. Reception	LL-21	Recessed LED downlight	9	ea	1		0-10	9	DP-1A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-1-2	LSPP-C#7
ZL1-06	57th St. Reception	LL-03	Recessed LED downlight	28	ea	3	UNV	0-10	84	DP-1B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-1-5	HVP-MEP-C#58
ZL1-06-EM	57th St. Reception	LL-03	Recessed LED downlight	28	ea	2	UNV	0-10	56	DP-1A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-1-3	LSPP-C#7
ZL1-07	57th St. Reception	LL-10	LED MR16 retrofit lamp	9	ea	240	277	MLV	2160	DP-1B-NORMAL	GLX-DIM6 (FWD ELV)	DIM6-B-1-5	HVP-MEP-C#58
ZL1-08	57th St. Reception	LL-12	LED cove light - 4ft	10	ea	160	277	ELV	1600	DP-1B-NORMAL	GLX-DIM6 (FWD ELV)	DIM6-B-1-6	HVP-MEP-C#59
ZL1-09	57th St. Reception	LL-11	LED grid panel-12"square	2.8	sq	523	UNV	0-10	1464.4	DP-1B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-1-6	HVP-MEP-C#59
ZL1-10	57th St. Reception	LL-20	Recessed LED downlight	40	ea	4		0-10	160	DP-1B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-1-7	HVP-MEP-C#59
ZL1-11	57th St. Reception	LL-04	Surface mounted LED tape light	1.8	ft	352		0-10	633.6	DP-1B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-1-8	HVP-MEP-C#59
ZL1-11-EM	57th St. Reception	LL-15	Surface mounted LED tape light	2.5	ea	24	UNV	0-10	60	DP-1A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-1-4	LSPP-C#7
ZL1-12	57th St. Reception	LL-04A	Surface mounted LED tape light	1.8	ft	59		0-10	106.2	DP-1B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-2-1	HVP-MEP-C#78
ZL1-13	Elevator Lobby	LL-13C	Recessed LED downlight	26.5	ea	2		0-10	53	DP-1B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-2-2	HVP-MEP-C#78
ZL1-13-EM	Elevator Lobby	LL-13C	Recessed LED downlight	26.5	ea	4		0-10	106	DP-1A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-1-5	LSPP-C#7
ZL1-14	Elevator Lobby	LL-13	Recessed LED downlight	28	ea	6	UNV	0-10	168	DP-1B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-2-3	HVP-MEP-C#78
ZL1-14-EM	Elevator Lobby	LL-13	Recessed LED downlight	28	ea	3	UNV	0-10	84	DP-1A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-1-6	LSPP-C#7
ZL1-15	Elevator Lobby	LL-08	Decorative LED Sconce	24	ea	7		ND	168	DP-1B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-2-4	HVP-MEP-C#78
ZL1-16	Mail Room	LL-13C	Recessed LED downlight	26.5	ea	5		0-10	132.5	DP-1B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-2-5	HVP-MEP-C#78
ZL1-16-EM	Mail Room	LL-13C	Recessed LED downlight	26.5	ea	3		0-10	79.5	DP-1A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-1-7	LSPP-C#7
ZL1-17	Elevator Lobby	LL-02	Recessed LED wallwasher	38	ea	7	UNV	0-10	266	DP-1B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-2-6	HVP-MEP-C#78
ZL1-18	Storage	LL-13A	Recessed LED downlight	15	ea	1	UNV	0-10	15	DP-1B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-2-7	HVP-MEP-C#78
ZL1-19	Service Corridor	LL-13C	Recessed LED downlight	26.5	ea	8		0-10	212	DP-1B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-2-8	HVP-MEP-C#78
ZL1-19-EM	Service Corridor	LL-13C	Recessed LED downlight	26.5	ea	2		0-10	53	DP-1A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-1-8	LSPP-C#7
ZL1-20	58th Service Corridor Entrance Vestibule	LL-13A	Recessed LED downlight	15	ea	3	UNV	0-10	45	DP-1B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-3-1	HVP-MEP-C#78
ZL1-20-EM	58th Service Corridor Entrance Vestibule	LL-13A	Recessed LED downlight	15	ea	1	UNV	0-10	15	DP-1A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-2-1	LSPP-C#7
ZL1-21	Security Office	LL-13A	Recessed LED downlight	15	ea	4	UNV	0-10	60	DP-1B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-3-2	HVP-MEP-C#78
ZL1-22	Service Corridor	LL-02A	Recessed LED wallwasher	28	ea	1	UNV	0-10	28	DP-1B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-3-3	HVP-MEP-C#78
ZL1-22-EM	Service Corridor	LL-02A	Recessed LED wallwasher	28	ea	1	UNV	0-10	28	DP-1A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-2-2	LSPP-C#7
ZL1-23	58th Street Lobby	LL-13	Recessed LED downlight	28	ea	9	UNV	0-10	252	DP-1B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-4-4	HVP-MEP-C#78
ZL1-23-EM	58th Street Lobby	LL-13	Recessed LED downlight	28	ea	3	UNV	0-10	84	DP-1A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-2-3	LSPP-C#7
ZL1-24	58th Street Lobby	LL-13A	Recessed LED downlight	15	ea	3	UNV	0-10	45	DP-1B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-4-5	HVP-MEP-C#78
ZL1-24-EM	58th Street Lobby	LL-13A	Recessed LED downlight	15	ea	1	UNV	0-10	15	DP-1A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-2-4	LSPP-C#7
ZL1-25	58th Street Lobby	LL-02	Surface mounted LED tape light	38	ea	3	UNV	0-10	114	DP-1B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-4-6	HVP-MEP-C#78
ZL1-25-EM	58th Street Lobby	LL-02	Surface mounted LED tape light	38	ea	1	UNV	0-10	38	DP-1A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-2-5	LSPP-C#7
ZL1-26	58th Street Lobby	LL-02	Surface mounted LED tape light	38	ea	1	UNV	0-10	38	DP-1B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-4-7	HVP-MEP-C#78
ZL1-27	Security Office- Service Corridor	LL-13A	Recessed LED downlight	15	ea	1	UNV	0-10	15	DP-1B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-4-8	HVP-MEP-C#78
ZL1-28	Security Office- Service Corridor	LL-17A	Surface mounted LED strip light	64	ea	1		ELV	64	DP-1B-NORMAL	GLX-DIM6 (FWD ELV)	DIM6-B-2-1	HVP-MEP-C#78
ZL1-29-EM	Elevator Lobby	LL-13	Recessed LED downlight	28	ea	1	UNV	0-10	28	DP-1A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-2-6	LSPP-C#7
ZL1-30	Powder Room Vestibule	LL-13A	Recessed, floor uplight	15	ea	1	UNV	0-10	15	DP-1B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-5-1	HVP-MEP-C#78
ZL1-31	58th Street Lobby	LL-13B	Recessed LED downlight	14.5	ea	4		0-10	58	DP-1B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-5-2	HVP-MEP-C#78
ZL1-32	Service Corridor	LL-13A	Recessed LED downlight	15	ea	2	UNV	0-10	30	DP-1B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-5-3	HVP-MEP-C#78
ZL1-32-EM	Service Corridor	LL-13A	Recessed LED downlight	15	ea	1	UNV	0-10	15	DP-1A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-2-7	LSPP-C#7
ZL1-33	Powder Room	LL-14	Recessed 2" square aperture fixed LED	7.5	ea	1	UNV	0-10	7.5	DP-1B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-5-4	HVP-MEP-C#78
ZL1-33-EM	Powder Room	LL-13A	Recessed 2" square aperture fixed LED	15	ea	1	UNV	0-10	15	DP-1A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-2-8	LSPP-C#7
ZL1-34	Powder Room	LL-13A	Recessed 4-1/2" square LED downlight	15	ea	1	UNV	0-10	15	DP-1B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-5-5	HVP-MEP-C#78
ZL1-35	58th Street Lobby Entrance Vestibule- Exterior	LLX-02	Recessed perimeter mounted linear LED 3"	10	lf	37.75	UNV	0-10	377.5	DP-1B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-5-6	HVP-MEP-C#78
ZL1-36	57th St. Reception - Desk Accent	LL-16	Surface mounted white LED strip light with narrow-beam	4.5	ft	5.5	UNV	0-10	24.75	DP-1B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-5-7	HVP-MEP-C#78
ZL1-37	57th St. Reception Portal	LLX-03	Recessed 4-1/2" square LED downlight	5	ea	6		0-10	30	DP-1B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-5-8	HVP-MEP-C#78

LOBBY LIGHTING CONTROL PANEL SCHEDULE
SCALE : N.T.S.



PROJECT NORTH

TRUE NORTH

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No.	DESCRIPTION	DATE
1	CD PROGRESS ISSUE 6	02 NOV 2015
2	CD PROGRESS ISSUE 7	29 JAN 2016
3	CD PROGRESS ISSUE 8 - GMP SET	18 MAR 2016
4	DOB AMENDMENT 3	03 OCT 2016
5	ISSUED FOR ASI #19	24 MAR 2017

0 4'-0" 8'-0" 16'-0"

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PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
GROUND FLOOR LIGHTING
CONTROL SCHEDULE

SEAL & SIGNATURE:

DATE: 11/02/15
PROJECT No: Y130747-000
DRAWN: PW
CHK: EA
SCALE: NONE
REV: 5
DWG No: **E-605.00**
DOB PAGE No: 122 of 127

DOB EMPLOYEE STAMP:

DOB B-SCAN:

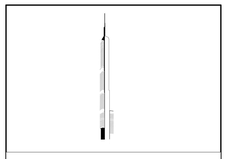
FILE NAME: C:\Revit Local Files\Y130747-000-AKF-R05_MEP15-CENTRAL_jlinguvan@adlgroup.com.rvt
PLOT DATE: 2/17/2017 3:53:38 PM

36" x 48" Arch E SHEET SIZE

DEPT OF BLDGS 121305025 Job Number
E3851353726 Scan Code

ZONE	LOAD DESCRIPTION	FIXT. TYPE	FIXTURE DESCRIPTION	WATTS		QUANT.	FIXT. VOLT.	LOAD TYPE	LOAD TOTAL	PANEL NAME	MODULE TYPE	MODULE OUTPUT	PANEL & CKT
ZA8-01	Elevator Lobby	LA-20A	Recessed LED downlight	13.7	ea	2	UNV	0-10	27.4	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-1-1	LP-7#12
ZA8-01-EM	Elevator Lobby	LA-20A	Recessed LED downlight	13.7	ea	2	UNV	0-10	27.4	DP-8A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-1-1	LSDP-7#5
ZA8-02	Elevator Lobby	LA-24	Decorative LED Sconce	10	ea	4	110	0-10	40	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-1-2	RP-7#22
ZA8-03-EM	Elevator Lobby	LA-20	Recessed LED downlight	13.7	ea	1	UNV	0-10	13.7	DP-8A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-1-2	LSDP-7#5
ZA8-04	Elevator Lobby	LA-20	Recessed LED downlight	13.7	ea	1	UNV	0-10	13.7	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-1-3	LP-7#12
ZA8-04-EM	Elevator Lobby	LA-20	Recessed LED downlight	13.7	ea	2	UNV	0-10	27.4	DP-8A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-1-3	LSDP-7#5
ZA8-05	Lounge	LA-03	Recessed LED lensed slot in "U" config. (fabric wall)	18	/ft	41	120-277	0-10	738	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-1-4	LP-7#12
ZA8-06	Lounge	LA-22A	Recessed LED pinhole sq aperture	9.6	ea	2	UNV	0-10	19.2	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-1-5	LP-7#12
ZA8-07	Lounge	LA-03A	Recessed LED lensed slot in "U" config. (onyx wall)	9.7	/ft	41	120-277	0-10	397.7	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-1-6	LP-7#12
ZA8-08	Women's Restroom/Locker	LA-17	Recessed 3" square aperture fixed LED	9.8	ea	1	UNV	0-10	9.8	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-1-7	LP-7#12
ZA8-09	Screening Room	LA-01A	Recessed 4" square aperture fixed LED	37.9	ea	10	UNV	0-10	379	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-1-8	LP-7#12
ZA8-09-EM	Screening Room	LA-01A	Recessed 4" square aperture fixed LED	37.9	ea	6	UNV	0-10	227.4	DP-8A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-1-4	LSDP-7#5
ZA8-10	Screening Room - Closets	LA-10	Surface ceiling mounted frosted lensed linear	33	ea	7	UNV	0-10	231	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-2-1	LP-7#12
ZA8-11	Corridor	LA-21	Recessed LED sq Downlight	14.4	ea	3	277	0-10	43.2	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-2-2	LP-7#12
	Corridor	LA-23	Recessed LED sq. aperture WW	27.1	ea	8	UNV	0-10	216.8	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-2-3	LP-7#12
ZA8-11-EM	Corridor	LA-21	Recessed LED sq Downlight	14.4	ea	2	277	0-10	28.8	DP-8A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-1-5	LSDP-7#5
		LA-23	Recessed LED sq. aperture WW	27.1	ea	3	UNV	0-10	81.3	DP-8A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-1-6	LSDP-7#5
ZA8-12	Conference Room	LA-22A	Recessed pinhole square aperture adjustable LED	14.8	ea	2	UNV	0-10	29.6	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-2-4	LP-7#12
ZA8-12-EM	Conference Room	LA-22A	Recessed pinhole square aperture adjustable LED	14.8	ea	1	UNV	0-10	14.8	DP-8A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-1-7	LSDP-7#5
ZA8-13	Conference Room	LA-22A	Recessed pinhole square aperture adjustable LED	14.8	ea	5	UNV	0-10	74	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-2-5	LP-7#12
ZA8-13-EM	Conference Room	LA-22A	Recessed pinhole square aperture adjustable LED	14.8	ea	1	UNV	0-10	14.8	DP-8A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-1-8	LSDP-7#5
ZA8-14	Conference Room	LA-22A	Recessed pinhole square aperture adjustable LED	14.8	ea	1	UNV	0-10	14.8	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-2-6	LP-7#12
ZA8-14-EM	Conference Room	LA-22A	Recessed pinhole square aperture adjustable LED	14.8	ea	2	UNV	0-10	29.6	DP-8A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-2-1	LSDP-7#5
ZA8-15	Conference Room	LA-51	Custom decorative modular LED "stick" pendant – 27" width x 73" length	98.3	ea	1	120	0-10	98.3	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-2-7	RP-7#22
ZA8-16	Tween Lounge	LA-23A	Recessed LED 4-1/2" square aperture open wallwasher	27.1	ea	3	UNV	0-10	81.3	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-2-8	LP-7#12
ZA8-16-EM	Tween Lounge	LA-23A	Recessed LED 4-1/2" square aperture open wallwasher	27.1	ea	1	UNV	0-10	27.1	DP-8A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-2-2	LSDP-7#5
ZA8-17	Tween Lounge	LA-21A	Recessed LED 4-1/2" square aperture fixed downlight	14	ea	3	277	0-10	42	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-3-1	LP-7#12
ZA8-17-EM	Tween Lounge	LA-21A	Recessed LED 4-1/2" square aperture fixed downlight	14	ea	3	277	0-10	42	DP-8A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-2-3	LSDP-7#5
ZA8-18	Tween Lounge	LA-22A	Recessed LED downlight	14.8	ea	2	UNV	ND	29.6	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-3-2	LP-7#12
ZA8-18-EM	Tween Lounge	LA-22A	Recessed LED downlight	14.8	ea	1	UNV	ND	14.8	DP-8A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-2-4	LSDP-7#5
ZA8-19	Tween Lounge	LA-22A	Recessed pinhole square aperture adjustable LED	14.8	ea	4	UNV	0-10	59.2	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-3-3	LP-7#12
ZA8-20	ADA Restroom	LA-07	Surface Mounted LED strip light (mirror)	3.4	/ft	13.25	UNV	0-10	45.05	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-3-4	LP-7#12
ZA8-21	ADA Restroom	LA-17	Recessed 3" square aperture fixed LED downlight	9.8	ea	1	UNV	0-10	9.8	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-3-5	LP-7#12
		LA-06	Recessed LED downlight	14.5	ea	1	UNV	0-10	14.5	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-3-6	LP-7#12
ZA8-21-EM	ADA Restroom	LA-05	Recessed LED downlight	14.5	ea	1	UNV	0-10	14.5	DP-8A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-2-5	LSDP-7#5
ZA8-22	Men's Restroom/Locker	LA-05	Recessed 4-1/2" square aperture fixed LED downlight	14.5	ea	12	UNV	0-10	174	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-3-7	LP-7#12
		LA-06	Recessed 4-1/2" square aperture fixed LED downlight	14.5	ea	1	UNV	0-10	14.5	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-3-8	LP-7#12
ZA8-22-EM	Men's Restroom/Locker	LA-05	Recessed 4-1/2" square aperture fixed LED downlight	14.5	ea	9	UNV	0-10	130.5	DP-8A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-2-6	LSDP-7#5
ZA8-23	Men's Restroom/Locker	LA-17	Recessed Round Aperture LED DL	9.8	ea	3	UNV	0-10	29.4	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-4-1	LP-7#12
ZA8-24	Men's Restroom/Locker	LA-07	Surface Mounted LED strip light (mirror)	3	/ft	25.5	UNV	0-10	76.5	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-4-2	LP-7#12
ZA8-25	Men's Restroom/Locker	LA-19	Wall Mounted, recessed linear LED slot - 18" length	7.4	ea	9	120	0-10	66.6	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-4-3	RP-7#22
ZA8-26	Men's Restroom/Locker	LA-17	Recessed 3" square aperture fixed LED downlight	9.8	ea	2	UNV	0-10	19.6	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-4-4	LP-7#12
ZA8-27	Men's Restroom/Locker	LA-05	Recessed LED downlight	14.5	ea	1	UNV	0-10	14.5	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-4-5	LP-7#12
ZA8-27-EM	Men's Restroom/Locker	LA-05	Recessed LED downlight	14.5	ea	1	UNV	0-10	14.5	DP-8A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-2-7	LSDP-7#5
ZA8-28	Men's Restroom/Locker	LA-05	Recessed LED downlight	14.5	ea	1	UNV	0-10	14.5	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-4-6	LP-7#12
ZA8-29	Men's Restroom/Locker	LA-05	Recessed LED downlight	14.5	ea	1	UNV	0-10	14.5	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-4-7	LP-7#12
ZA8-30	Men's Restroom/Locker	LA-05	Recessed LED downlight	14.5	ea	1	UNV	0-10	14.5	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-4-8	LP-7#12
ZA8-31	Men's Restroom/Locker	LA-08	Recessed LED downlight	13	ea	1	UNV	0-10	13	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-5-1	LP-7#12
ZA8-32	Men's Restroom/Locker	LA-11	Surface Mounted LED strip light (sauna)	10	/ft	11.8	UNV	0-10	118	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-5-2	LP-7#12
ZA8-33	Janitor Closet	LA-05	Recessed LED downlight	14.5	ea	1	UNV	0-10	14.5	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-5-3	LP-7#12
ZA8-34	Women's Restroom/Locker	LA-05	Recessed LED downlight	14.5	ea	1	UNV	0-10	14.5	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-5-4	LP-7#12
ZA8-34-EM	Women's Restroom/Locker	LA-05	Recessed LED downlight	14.5	ea	1	UNV	0-10	14.5	DP-8A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-2-8	LSDP-7#5
ZA8-35	Women's Restroom/Locker	LA-11	Surface Mounted LED strip light (sauna)	8.5	/ft	11.8	UNV	0-10	100.3	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-5-5	LP-7#12
ZA8-36	Women's Restroom/Locker	LA-08	Recessed LED downlight	13	ea	2	UNV	0-10	26	DP-8A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-5-6	LP-7#12
ZA8-37	Women's Restroom/Locker	LA-05	Recessed LED downlight	14.5	ea	16	UNV	0-10	232	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-1-1	LP-7#12
ZA8-37-EM	Women's Restroom/Locker	LA-05	Recessed LED downlight	14.5	ea	7	UNV	0-10	101.5	DP-8A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-3-1	LSDP-7#5
ZA8-38	Women's Restroom/Locker	LA-05	Recessed LED downlight	14.5	ea	1	UNV	0-10	14.5	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-1-2	LP-7#12
ZA8-39	Women's Restroom/Locker	LA-05	Recessed LED downlight	14.5	ea	1	UNV	0-10	14.5	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-1-3	LP-7#12
ZA8-40	Women's Restroom/Locker	LA-05	Recessed LED downlight	14.5	ea	1	UNV	0-10	14.5	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-1-4	LP-7#12
ZA8-41	Women's Restroom/Locker	LA-05	Recessed LED downlight	14.5	ea	1	UNV	0-10	14.5	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-1-5	LP-7#12
ZA8-42	Women's Restroom/Locker	LA-05	Recessed LED downlight	14.5	ea	1	UNV	0-10	14.5	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-1-6	LP-7#12
ZA8-43	Women's Restroom/Locker	LA-05	Recessed LED downlight	14.5	ea	1	UNV	0-10	14.5	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-1-7	LP-7#12
ZA8-44	Women's Restroom/Locker	LA-05	Recessed LED downlight	14.5	ea	1	UNV	0-10	14.5	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-1-8	LP-7#12
ZA8-45	Women's Restroom/Locker	LA-05	Recessed LED downlight	14.5	ea	1	UNV	0-10	14.5	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-2-1	LP-7#12
ZA8-46	Women's Restroom/Locker	LA-05	Recessed LED downlight	14.5	ea	1	UNV	0-10	14.5	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-2-2	LP-7#12
ZA8-47	Women's Restroom/Locker	LA-05	Recessed LED downlight	14.5	ea	1	UNV	0-10	14.5	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-2-3	LP-7#12
ZA8-48	Women's Restroom/Locker	LA-07	Surface Mounted LED strip light (mirror)	25	/ft	36	UNV	0-10	900	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-2-4	LP-7#13
ZA8-49	Women's Restroom/Locker	LA-17	Recessed Round Aperture LED DL	9.8	ea	4	UNV	0-10	39.2	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-2-5	LP-7#13
ZA8-50	Women's Restroom/Locker	LA-07	Surface Mounted LED strip light (mirror)	11	/ft	12	UNV	0-10	132	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-2-6	LP-7#13
ZA8-51	Women's Restroom/Locker	LA-05	Recessed LED downlight	14.5	ea	1	UNV	0-10	14.5	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-2-7	LP-7#13
ZA8-51-EM	Women's Restroom/Locker	LA-05	Recessed LED downlight	14.5	ea	1	UNV	0-10	14.5	DP-8A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-3-2	LSDP-7#5
ZA8-52	Women's Restroom/Locker	LA-32	Recessed linear LED slot	19.6	ea	6	UNV	0-10	117.6	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-2-8	LP-7#13
ZA8-52-EM	Women's Restroom/Locker	LA-32	Recessed linear LED slot	19.6	ea	1	UNV	0-10	19.6	DP-8A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-3-3	LSDP-7#5
ZA8-53	Women's Restroom/Locker	LA-19	Wall Mounted, recessed linear LED slot - 18" length	7.4	ea	7	120	0-10	51.8	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-3-1	RP-7#22
ZA8-54	Women's Restroom/Locker	LA-17	Recessed Mounted linear FL - 3ft	9.8	ea	3	UNV	0-10	29.4	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-3-2	LP-7#13
ZA8-55	Reception	LA-03B	Recessed LED downlight	4.9	ft	11.25	120-277	0-10	55.125	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-3-3	LP-7#13
ZA8-56	Reception	LA-33	Recessed round aperture DL (sauna)	27	ea	2	UNV	0-10	54	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-3-4	LP-7#13
ZA8-57	Reception	LA-01	Recessed 4" square aperture fixed LED downlight	37.9	ea	2	UNV	0-10	75.8	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-3-5	LP-7#13
ZA8-57-EM	Reception	LA-01	Recessed 4" square aperture fixed LED downlight	37.9	ea	1	UNV	0-10	37.9	DP-8A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-3-4	LSDP-7#5
ZA8-58	Reception	LA-01	Recessed 4" square aperture fixed LED downlight	37.9	ea	2	UNV	0-10	75.8	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-3-6	LP-7#13
ZA8-58-EM	Reception	LA-01	Recessed 4" square aperture fixed LED downlight	37.9	ea	1	UNV	0-10	37.9	DP-8A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-3-5	LSDP-7#5
ZA8-59	Reception	LA-02	Surface mounted linear LED strip light for cove	3.4	ft	56	UNV	ELV	190.4	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-3-7	LP-7#13
ZA8-60	Reception	LA-01	Recessed 4" square aperture fixed LED downlight	37.9	ea	2	UNV	0-10	75.8	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-3-8	LP-7#13
ZA8-60-EM	Reception	LA-01	Recessed 4" square aperture fixed LED downlight	37.9	ea	2	UNV	0-10	75.8	DP-8A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-3-6	LSDP-7#5
ZA8-61	Reception	LA-33	Recessed LED pinhole 1-1/4" square aperture adjustable accent light	27	ea	2	UNV	0-10	54	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-4-1	LP-7#13
ZA8-62	Reception	LA-02	Surface mounted linear LED strip light for cove	3.4	ft	56	UNV	ELV	190.4	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-4-2	LP-7#13
ZA8-63	Reception	LA-34	Decorative LED pendant	100	ea	1	UNV		100	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-4-3	LP-7#13
ZA8-64	Reception	LA-01	Recessed 4" square aperture fixed LED downlight	37.9	ea	1	UNV	0-10	37.9	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-4-4	LP-7#13
ZA8-65	Screening Room	LA-01A	Recessed 4" square aperture fixed LED downlight	37.9	ea	2	UNV	0-10	75.8	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-4-5	LP-7#13
ZA8-65-EM	Screening Room	LA-01A	Recessed 4" square aperture fixed LED downlight	37.9	ea	1	UNV	0-10	37.9	DP-8A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-3-7	LSDP-7#5
ZA8-66	Screening Room	LA-49	Recessed 1-3/4" square pinhole aperture LED downlight	14.8	ea	2	UNV	0-10	29.6	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-4-6	LP-7#13
ZA8-66-EM	Screening Room	LA-49	Recessed 1-3/4" square pinhole aperture LED downlight	14.8	ea	2	UNV	0-10	29.6	DP-8A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-3-8	LSDP-7#5
ZA8-67	Screening Room	LA-47	Surface mounted linear LED strip light	3	ea	8	UNV	0-10	24	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-4-7	LP-7#13
ZA8-68	Lounge	LA-04	Custom decorative chandelier with multiple small crystal glass globes and LED bulbs	78	ea	2	UNV	0-10	156	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-4-8	LP-7#13
ZA8-69	Lounge	LA-01	Recessed 4" square aperture fixed LED downlight	37.9	ea	22	UNV	0-10	833.8	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-5-1	LP-7#13
ZA8-69-EM	Lounge	LA-01	Recessed 4" square aperture fixed LED downlight	37.9	ea	6	UNV	0-10	227.4	DP-8A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-4-1	LSDP-7#5
ZA8-70	Screening Room	LA-49	Recessed 1-3/4" square pinhole aperture LED downlight	14.8	ea	8	UNV	0-10	118.4	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-5-2	LP-7#13
ZA8-71	Screening Room	LA-48	Surface mounted linear LED strip fixture in cove	312	ea	2	UNV	0-10	624	DP-8B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-5-3	LP-7#13

8TH FLOOR LIGHTING CONTROL PANEL SCHEDULE
SCALE : N.T.S.



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No.	DESCRIPTION	DATE
1	CD PROGRESS ISSUE 6	02 NOV 2015
2	CD PROGRESS ISSUE 7	29 JAN 2016
3	CD PROGRESS ISSUE 8 - GMP SET	18 MAR 2016
4	DOB AMENDMENT 3	03 OCT 2016
5	ISSUED FOR ASI #19	24 MAR 2017

0 4'-0" 8'-0" 16'-0"

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PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
8th FLOOR AMENITY LIGHTING CONTROL SCHEDULE

SEAL & SIGNATURE:
STATE OF NEW YORK — CHRISTOPHER G. MCNALLY — No. 091139 — LICENSED PROFESSIONAL ENGINEER

DATE:	11/02/15
PROJECT No:	Y130747-000
DRAWN: PW	REV: 5
CHK: EA	
SCALE: NONE	
DWG No:	**E-606.00**
DOB PAGE No: 123 of 127	

DOB EMPLOYEE STAMP: DOB B-SCAN:

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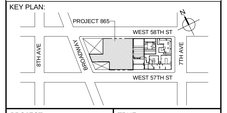
DEPT OF BLDGS 421263525 Job Number
E3497397853 Scan Code

ZONE	LOAD DESCRIPTION	FIXT. TYPE	FIXTURE DESCRIPTION	WATTS		QUANT.	FIXT. VOLT.	LOAD TYPE	LOAD TOTAL	PANEL NAME	MODULE TYPE	MODULE OUTPUT	PANEL & CKT
ZX8-01	South Parapet Hedge	LAX-02	Linear LED strip light	3.3	lf	143	UNV	0-10	471.9	DP-8C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-1-1	LP-7#14
ZX8-02-EM	Pool Lounge Cabana Canopy	LAX-14C	Surface Mounted linear LED fixture	4.7	lf	36	277	0-10	169.2	DP-8B-EMERG	GLX-DIMFLV8	DIMFLV8-BE-1-1	LSDP-7#6
ZX8-03-EM	Pool Lounge Cabana Base	LAX-22	Surface Mounted linear LED fixture	4.7	lf	54	120	0-10	253.8	DP-8B-EMERG	GLX-DIMFLV8	DIMFLV8-BE-1-2	LSRP-7#26
ZX8-04-EM	Generator grate wall	LAX-11	Wall Mounted LED steplight	10	ea	3	277	0-10	30	DP-8B-EMERG	GLX-DIMFLV8	DIMFLV8-BE-1-3	LSDP-7#6
	Mechanical Room Entrance	LAX-10	Wall Mounted LED sconce	14.3	ea	1	UNV	0-10	14.3	DP-8B-EMERG	GLX-DIMFLV8	DIMFLV8-BE-1-4	LSDP-7#6
	South Parapet Hedge (in front of grate)	LAX-23	Stem mounted LED adjustable floodlight	3	ea	3	UNV	0-10	9	DP-8B-EMERG	GLX-DIM6 (FWD ELV)	DIM6-BE-1-1	LSDP-7#6
ZX8-05	Generator grate (Mounted above)	LAX-13	LED nodes in grid pattern- 2x2 on center spacing	1	ea	119		0-10	119	DP-8C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-1-2	LP-7#14
ZX8-06	Stone Bench "toe-kick" light	LAX-04	Linear LED strip light	2	lf	119	UNV	0-10	238	DP-8C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-1-3	LP-7#14
ZX8-07	Lawn Perimeter	LAX-05	Surface Mounted seat/bollard	4	ea	10		ND	40	DP-8C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-1-4	LP-7#14
ZX8-08	Trees (Lawn and play area)	LAX-01	Stake mounted LED uplight	18	ea	14	UNV	0-10	252	DP-8C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-1-5	LP-7#14
ZX8-09-EM	West Entrance (Reception)	LAX-11	Wall Mounted LED steplight	10	ea	3	277	0-10	30	DP-8B-EMERG	GLX-DIMFLV8	DIMFLV8-BE-1-5	LSDP-7#6
ZX8-10	Pergola	LAX-17	LED downlight	3.7	ea	13	UNV	0-10	48.1	DP-8C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-1-6	LP-7#14
ZX8-11	Garden Wall	LAX-16	Surface Mounted Linear LED grazing strip	5	lf	71.5	UNV	ELV	357.5	DP-8C-NORMAL	GLX-DIM6 (FWD ELV)	DIM6-C-1-1	LP-7#14
ZX8-12	Garden Wall Portal	LAX-07	Recessed LED downlight	10	ea	1	UNV	0-10	10	DP-8C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-1-7	LP-7#14
ZX8-13	Garden Wall Portal	LAX-08	Ingrade LED uplight	44	ea	2	UNV	0-10	88	DP-8C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-1-8	LP-7#14
ZX8-14-EM	Utility Room Corridor	LAX-14B	Recessed mounted LED slot	7.5	ea	30	277	0-10	225	DP-8B-EMERG	GLX-DIMFLV8	DIMFLV8-BE-1-6	LSDP-7#6
ZX8-15	Trees (Upper Level)	LAX-01	Stake mounted LED uplight	18	ea	14	UNV	0-10	252	DP-8C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-2-1	LP-7#14
ZX8-16-EM	Dining (North-West)	LAX-06	LED Festoon lights	1.8	ea	115	120	0-10V	207	DP-8B-EMERG	GLX-DIM6 (FWD ELV)	DIM6-BE-1-2	LSRP-7#26
ZX8-17	Dining (North-West)	LAX-06	LED Festoon lights	1.8	ea	115	120	0-10V	207	DP-8C-NORMAL	GLX-DIM6 (FWD ELV)	DIM6-C-1-2	LP-7#14
ZX8-18-EM	Children's Play Area	LAX-11A	Wall Mounted LED steplights	10	ea	2	277	0-10V	20	DP-8B-EMERG	GLX-DIM6 (FWD ELV)	DIM6-BE-1-3	LSDP-7#6
ZX8-19	Children's Play Area	LAX-04	Surface Mounted LED accent strip light	2	lf	10	UNV	0-10	20	DP-8C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-2-2	LP-7#14
		LAX-20	Surface Mounted LED accent strip light	2	lf	24	UNV	0-10	48	DP-8C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-2-2	LP-7#14
ZX8-20-EM	North West Canopy	LAX-14	Linear LED slot light	5	lf	18	277	0-10	90	DP-8B-EMERG	GLX-DIMFLV8	DIMFLV8-BE-1-7	LSDP-7#6
ZX8-21-EM	West Canopy	LAX-14	Linear LED slot light	5	lf	72	277	0-10	360	DP-8B-EMERG	GLX-DIMFLV8	DIMFLV8-BE-1-8	LSDP-7#6
ZX8-22-EM	South Canopy	LAX-14	Linear LED slot light	5	lf	36	277	0-10	180	DP-8B-EMERG	GLX-DIMFLV8	DIMFLV8-BE-2-1	LSDP-7#6
ZX8-23	North Canopy	LAX-14A	Linear LED slot light	7.5	lf	55	277	0-10	412.5	DP-8C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-2-3	LP-7#14
ZX8-24-EM	North Passageway	LAX-12	Surface Mounted LED bollard	16	ea	9	UNV	ND	144	DP-8B-EMERG	GLX-DIMFLV8	DIMFLV8-BE-2-2	LSDP-7#6
ZX8-25	North Passageway	LAX-12	Surface Mounted LED bollard	16	ea	9	UNV	ND	144	DP-8C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-2-4	LP-7#14
ZX8-26-EM	North Metal Façade (mounted on 11th floor spandrel)	LAX-19A	Bracket mounted LED egress floodlights	140	ea	3		0-10	420	DP-8B-EMERG	GLX-DIMFLV8	DIMFLV8-BE-2-3	LSDP-7#6
ZX8-27-EM	North Metal Façade (mounted on 11th floor spandrel)	LAX-19A	Bracket mounted LED egress floodlights	140	ea	3		0-10	420	DP-8B-EMERG	GLX-DIMFLV8	DIMFLV8-BE-2-4	LSDP-7#6
ZX8-28-EM	South Façade (Mounted on 10th floor mezzanine spandrel)	LAX-19	Bracket mounted LED high output floodlights	205	ea	27		0-10	5535	DP-8B-EMERG	GLX-DIMFLV8	DIMFLV8-BE-2-5	LSDP-7#15,17
ZX8-29-EM	South Façade (Mounted on 10th floor mezzanine spandrel)	LAX-18	Bracket mounted LED egress floodlights	100	ea	5		0-10	500	DP-8B-EMERG	GLX-DIMFLV8	DIMFLV8-BE-2-6	LSDP-7#6
ZX8-30-EM	South Façade (Mounted on 10th floor mezzanine spandrel)	LAX-19	Bracket mounted LED high output floodlights	205	ea	3		0-10	615	DP-8B-EMERG	GLX-DIMFLV8	DIMFLV8-BE-2-7	LSDP-7#6
ZX8-31-EM	South Façade (Mounted on 10th floor mezzanine spandrel)	LAX-19	Bracket mounted LED high output floodlights	205	ea	2		0-10	410	DP-8B-EMERG	GLX-DIMFLV8	DIMFLV8-BE-2-8	LSDP-7#6
ZX8-32-EM	South Façade (Mounted on 10th floor mezzanine spandrel)	LAX-18	Bracket mounted LED egress floodlights	100	ea	1		0-10	100	DP-8B-EMERG	GLX-DIMFLV8	DIMFLV8-BE-3-1	LSDP-7#6

8TH FLOOR TERRACE LIGHTING CONTROL PANEL SCHEDULE

SCALE : N.T.S.

KEY PLAN:



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No.	DESCRIPTION	DATE
1	CD PROGRESS ISSUE 6	02 NOV 2015
2	CD PROGRESS ISSUE 7	29 JAN 2016
3	CD PROGRESS ISSUE 8 - GMP SET	18 MAR 2016
4	DOB AMENDMENT 3	03 OCT 2016
5	ISSUED FOR ASI #19	24 MAR 2017

0 4' - 0" 8' - 0" 16' - 0"

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PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
8th FLOOR TERRACE LIGHTING
CONTROL SCHEDULE

SEAL & SIGNATURE:

DATE: 11/02/15
PROJECT No: Y130747-000
DRAWN: PW
CHK: EA
SCALE: NONE
REV: 5
DWG No: **E-607.00**
DOB PAGE No: 124 of 127

DOB EMPLOYEE STAMP:

DOB B-SCAN:

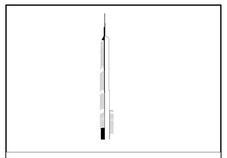
36" x 48" Arch E SHEET SIZE

FILE NAME: C:\Revit Local Files\Y130747-000-AKF-R6_MEP15-CENTRAL_jlangner@akfgroup.com.rvt
PLOT DATE: 2/13/2017 2:53:16 PM

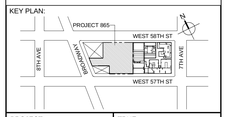
DEPT OF BLDGS 121326525 Job Number
B1001999502 Scan Code

ZONE	LOAD DESCRIPTION	FIXT. TYPE	FIXTURE DESCRIPTION	WATTS		QUANT.	FIXT. VOLT.	LOAD TYPE	LOAD TOTAL	PANEL NAME	MODULE TYPE	MODULE OUTPUT	PANEL & CKT
ZA10-01	Elevator Lobby	LA-21	Recessed LED sq. aperture WW	14	ea	5	277	0-10	72	DP-10B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-1-1	HVP-MEP-9#2
		LA-22B	Recessed LED downlight	15	ea	3		0-10	44.4	DP-10B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-1-2	HVP-MEP-9#2
ZA10-01-EM	Elevator Lobby	LA-21	Recessed LED sq. aperture WW	14	ea	4	277	0-10	57.6	DP-10A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-1-1	LSDP-7#26
		LA-22B	Recessed LED downlight	15	ea	1		0-10	14.8	DP-10A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-1-2	LSDP-7#26
ZA10-02	Elevator Lobby	LA-24	Decorative LED Sconce	24	ea	4		ND	96	DP-10B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-1-3	HVP-MEP-9#2
ZA10-03	Elevator Lobby	LA-22B	Recessed LED downlight	15	ea	2		0-10	29.6	DP-10B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-1-4	HVP-MEP-9#2
ZA10-03-EM	Elevator Lobby	LA-22	Recessed sq. aperture LED DL	15	ea	1	UNV	0-10	14.8	DP-10A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-1-3	LSDP-7#26
ZA10-04	Elevator Lobby	LA-02	Surface Mounted linear LED strip (cove)	3.4	/ft	135	UNV	ELV	459	DP-10B-NORMAL	GLX-DIM6 (FWD ELV)	DIM6-B-1-1	HVP-MEP-9#2
ZA10-05	Bathroom Vestibule	LA-23	Recessed LED sq. aperture WW	27	ea	2	UNV	0-10	53	DP-10B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-1-5	HVP-MEP-9#2
ZA10-05-EM	Bathroom Vestibule	LA-23	Recessed LED sq. aperture WW	27	ea	1	UNV	0-10	26.5	DP-10A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-1-4	LSDP-7#26
ZA10-06	Treatment Room	LA-21	Recessed sq. aperture LED DL	15	ea	1	277	0-10	14.5	DP-10B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-1-6	HVP-MEP-9#2
ZA10-06-EM	Treatment Room	LA-21	Recessed sq. aperture LED DL	15	ea	1	277	0-10	14.5	DP-10A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-1-5	LSDP-7#26
ZA10-07 A,B,C	Treatment Room	LA-29	Surface Mounted linear LED tunable white strip	13	ft	77	120	DMX	962.5	DP-10A-NORMAL	GLA-PHAROS	PHAROS-6	LVP-9#6
ZA10-07-EM D,E,F	Treatment Room	LA-29	Surface Mounted linear LED tunable white strip	13	ft	14	120	DMX	175	DP-10A-EMERG	GLA-PHAROS	PHAROS-6	LVP-9#6
ZA10-08	Treatment Room	LA-17	Recessed Round Aperture LED DL	9.8	ea	3	UNV	0-10	29.4	DP-10B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-1-7	HVP-MEP-9#2
ZA10-09	Treatment Room	LA-35	Surface Mounted LED strip light (sauna)	1.5	/ft	6.5	UNV	0-10	9.75	DP-10B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-1-8	HVP-MEP-9#2
ZA10-10	Treatment Room	LA-21A	Recessed LED 4-1/2" square aperture fixed downlight	14	ea	1	277	0-10	14	DP-10B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-2-1	HVP-MEP-9#2
ZA10-10-EM	Treatment Room	LA-21A	Recessed LED 4-1/2" square aperture fixed downlight	14	ea	1	277	0-10	14	DP-10A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-1-6	LSDP-7#26
ZA10-11	Treatment Room - Lobby	LA-23A	Recessed LED 4-1/2" square aperture open wallwasher	27	ea	4	UNV	0-10	108.4	DP-10B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-2-2	HVP-MEP-9#2
ZA10-11-EM	Treatment Room - Lobby	LA-23A	Recessed LED 4-1/2" square aperture open wallwasher	27	ea	2	UNV	0-10	54.2	DP-10A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-1-7	LSDP-7#26
ZA10-12	Treatment Room - Bathroom	LA-21A	Recessed LED 4-1/2" square aperture fixed downlight	14	ea	2	277	0-10	28	DP-10B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-2-3	HVP-MEP-9#2
ZA10-12-EM	Treatment Room - Bathroom	LA-21A	Recessed LED 4-1/2" square aperture fixed downlight	14	ea	2	277	0-10	28	DP-10A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-1-8	LSDP-7#26
ZA10-13	Treatment Room - Bathroom	LA-17	Recessed Round Aperture LED DL	9.8	ea	1	UNV	0-10	9.8	DP-10B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-2-4	HVP-MEP-9#2
ZA10-14	Rock Climbing Gym	LA-30	Recessed LED 6" square aperture fixed downlight	60	ea	5		0-10	300	DP-10B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-2-5	HVP-MEP-9#2
ZA10-15	Rock Climbing Gym	LA-21B	Recessed LED 4-1/2" square aperture fixed downlight	14	ea	3		0-10	43.2	DP-10B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-2-6	HVP-MEP-9#2
ZA10-15-EM	Rock Climbing Gym	LA-21B	Recessed LED 4-1/2" square aperture fixed downlight	14	ea	1		0-10	14.4	DP-10A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-2-1	LSDP-7#26
ZA10-16	Rock Climbing Gym	LA-31	Recessed Downlight	16	ea	6		0-10	96	DP-10B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-2-7	HVP-MEP-9#2
ZA10-16-EM	Rock Climbing Gym	LA-31	Recessed Downlight	16	ea	1		0-10	16	DP-10A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-2-2	LSDP-7#26
		LA-30	Recessed LED 6" square aperture fixed downlight	60	ea	1		0-10	60	DP-10A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-2-3	LSDP-7#26
ZA10-17	Spinning Room	LA-30	Recessed LED 6" square aperture fixed downlight	60	ea	5		ELV	300	DP-10B-NORMAL	GLX-DIM6 (FWD ELV)	DIM6-B-1-2	HVP-MEP-9#2
ZA10-17-EM	Spinning Room	LA-30	Recessed LED 6" square aperture fixed downlight	60	ea	1		ELV	60	DP-10A-EMERG	GLX-DIM6 (FWD ELV)	DIM6-E-4	LSDP-7#26
ZA10-18	Spinning Room	LA-21B	Recessed LED 4-1/2" square aperture fixed downlight	14	ea	5		0-10	72	DP-10B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-2-8	HVP-MEP-9#2
ZA10-18-EM	Spinning Room	LA-21B	Recessed LED 4-1/2" square aperture fixed downlight	14	ea	2		0-10	28.8	DP-10A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-2-4	LSDP-7#26
ZA10-19	Corridor	LA-02	Surface mounted linear LED strip light for cove	3.4	ea	15.5	UNV	ELV	52.7	DP-10B-NORMAL	GLX-DIM6 (FWD ELV)	DIM6-B-1-3	HVP-MEP-9#2
ZA10-20	Corridor	LA-23	Recessed LED WW	27	ea	3	UNV	0-10	81.3	DP-10B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-3-1	HVP-MEP-9#2
ZA10-20-EM	Corridor	LA-23	Recessed LED WW	27	ea	1	UNV	0-10	27.1	DP-10A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-2-5	LSDP-7#26
ZA10-21-EM	Corridor	LA-21	Recessed sq. aperture LED DL	15	ea	1	277	0-10	14.5	DP-10A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-2-6	LSDP-7#26
ZA10-22	Spinning Room	LA-55	Surface mounted linear LED strip light grazer	13	ft	14.5		ELV	181.25	DP-10B-NORMAL	GLX-DIM6 (FWD ELV)	DIM6-B-1-4	HVP-MEP-9#2
ZA10-23	Exercise Gym	LA-27C	Recessed continuous LED lensed slot	6.2	ft	97.5		ELV	604.5	DP-10B-NORMAL	GLX-DIM6 (FWD ELV)	DIM6-B-1-5	HVP-MEP-9#2
ZA10-24	Exercise Gym	LA-21B	Recessed LED 4-1/2" square aperture fixed downlight	14	ea	4		0-10	57.6	DP-10B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-3-2	HVP-MEP-9#2
ZA10-24-EM	Exercise Gym	LA-21B	Recessed LED 4-1/2" square aperture fixed downlight	14	ea	1		0-10	14.4	DP-10A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-2-7	LSDP-7#26
ZA10-25	Exercise Gym - Vestibule	LA-21	Recessed sq. aperture LED DL	15	ea	3	277	0-10	43.5	DP-10B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-3-3	HVP-MEP-9#7
ZA10-25-EM	Exercise Gym - Vestibule	LA-21	Recessed sq. aperture LED DL	15	ea	2	277	0-10	29	DP-10A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-2-8	LSDP-7#26
ZA10-26	Exercise Gym - Vestibule	LA-02	Surface mounted linear LED strip light for cove	3.4	ea	66	UNV	ELV	224.4	DP-10B-NORMAL	GLX-DIM6 (FWD ELV)	DIM6-B-1-6	HVP-MEP-9#7
ZA10-27	Exercise Gym - Vestibule	LA-07B	Surface mounted linear LED strip	3.4	ea	11.5	UNV	ELV	39.1	DP-10B-NORMAL	GLX-DIM6 (FWD ELV)	DIM6-B-2-1	HVP-MEP-9#7
ZA10-28	Elevator Lobby	LA-52	Custom decorative glass linear pendant with retrofit LED	36	ea	2		-	72	DP-10B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-3-4	HVP-MEP-9#7
ZA10-29	Elevator Lobby	LA-56	Custom decorative glass linear pendant with retrofit LED	78	ea	1		-	78	DP-10B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-3-5	HVP-MEP-9#7
ZA10-30	Women's Restroom	LA-05	Recessed sq. aperture LED DL	15	ea	6	UNV	0-10	87	DP-10B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-3-6	HVP-MEP-9#7
ZA10-30-EM	Women's Restroom	LA-05	Recessed sq. aperture LED DL	15	ea	4	UNV	0-10	58	DP-10A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-3-1	LSDP-7#26
ZA10-31	Women's Restroom	LA-17	Recessed Round Aperture LED DL	10	ea	2	UNV	0-10	20.2	DP-10B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-3-7	HVP-MEP-9#7
ZA10-32	Women's Restroom	LA-05	Recessed sq. aperture LED DL	15	ea	1	UNV	0-10	14.5	DP-10B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-3-8	HVP-MEP-9#7
ZA10-32-EM	Women's Restroom	LA-05	Recessed sq. aperture LED DL	15	ea	2	UNV	0-10	29	DP-10A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-3-2	LSDP-7#26
ZA10-33	Women's Restroom	LA-11	Surface mounted linear fiber optic LED 1"	80	ea	1	UNV	0-10	80	DP-10C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-1-1	HVP-MEP-9#7
ZA10-34	Women's Restroom	LA-08	Recessed round aperture DL (sauna)	13	ea	1	UNV	TBD	13	DP-10C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-1-2	HVP-MEP-9#7
ZA10-35	Women's Restroom	LA-06	Recessed sq. aperture LED DL (Shower)	15	ea	1	UNV	0-10	14.5	DP-10C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-1-3	HVP-MEP-9#7
ZA10-36	Women's Restroom	LA-05	Recessed sq. aperture LED DL	15	ea	1	UNV	0-10	14.5	DP-10C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-1-4	HVP-MEP-9#7
ZA10-37	Women's Restroom	LA-05	Recessed sq. aperture LED DL	15	ea	1	UNV	0-10	14.5	DP-10C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-1-5	HVP-MEP-9#7
ZA10-38	Women's Restroom	LA-07	Surface mounted white LED strip light	3.4	ft	10	UNV	0-10	34	DP-10C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-1-6	HVP-MEP-9#7
ZA10-39	Men's Restroom	LA-05	Recessed sq. aperture LED DL	15	ea	3	UNV	0-10	43.5	DP-10C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-1-7	HVP-MEP-9#7
ZA10-39-EM	Men's Restroom	LA-05	Recessed sq. aperture LED DL	15	ea	3	UNV	0-10	43.5	DP-10A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-3-3	LSDP-7#26
		LA-17	Recessed round aperture LED DL	9.8	ea	1	UNV	0-10	9.8	DP-10A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-3-4	LSDP-7#26
ZA10-40	Men's Restroom	LA-17	Recessed round aperture LED DL	10	ea	2	UNV	0-10	20.2	DP-10C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-1-8	HVP-MEP-9#7
ZA10-41	Men's Restroom	LA-07	Surface mounted white LED strip light	3.4	ft	10	UNV	0-10	34	DP-10C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-2-1	HVP-MEP-9#7
ZA10-42	Men's Restroom	LA-11	Surface Mounted lensed LED strip	80	ea	1	UNV	0-10	80	DP-10C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-2-2	HVP-MEP-9#7
ZA10-43	Men's Restroom	LA-06	Recessed sq. aperture LED DL (Shower)	15	ea	1	UNV	0-10	14.5	DP-10C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-2-3	HVP-MEP-9#7
ZA10-44	Men's Restroom	LA-05	Recessed sq. aperture LED DL	15	ea	1	UNV	0-10	14.5	DP-10C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-2-4	HVP-MEP-9#7
ZA10-45	Men's Restroom	LA-05	Recessed sq. aperture LED DL	15	ea	1	UNV	0-10	14.5	DP-10C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-2-5	HVP-MEP-9#7
ZA10-46	Restroom Vestibule	LA-05	Recessed sq. aperture LED DL	15	ea	4	UNV	0-10	58	DP-10C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-2-6	HVP-MEP-9#7
ZA10-46-EM	Restroom Vestibule	LA-05	Recessed sq. aperture LED DL	15	ea	3	UNV	0-10	43.5	DP-10A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-3-5	LSDP-7#26
ZA10-47	Treatment Room	LA-06	Recessed sq. aperture LED DL (Shower)	15	ea	1	UNV	0-10	14.5	DP-10C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-2-7	HVP-MEP-9#7
ZA10-48	Treatment Room	LA-05	Recessed sq. aperture LED DL	15	ea	1	UNV	0-10	14.5	DP-10C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-2-8	HVP-MEP-9#7
ZA10-49	Exercise Gym	LA-54D	Cable mounted linear indirect distribution pendant in rectangular configuration with corner pieces – 10' 3" X 13' 10"	9.7	ft	48.5		0-10	470.45	DP-10C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-3-1	HVP-MEP-9#7
ZA10-50	Elevator Lobby	LA-07B	Surface Mounted lensed LED strip	1.8	ft	4.5	UNV	0-10	8.1	DP-10C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-3-2	HVP-MEP-9#7
ZA10-51	Pool Area	LA-18	Custom Decorative LED or CFL sconce	100	ea	5		0-10	500	DP-10C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-3-3	HVP-MEP-9#7
ZA10-52-EM	Exercise Gym	LA-54	Cable mounted linear indirect distribution pendant in rectangular configuration with corner pieces – 5' 5" X 6' 3"	9.7	ft	23.5		0-10	227.95	DP-10A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-3-6	LSDP-7#26
ZA10-53	Pool Area	LA-12A	Recessed 4x7 rectangular aperture adjustable LED DL	25	ea	1	UNV	0-10	25	DP-10C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-3-4	HVP-MEP-9#7
ZA10-54	Exercise Gym	LA-54B	Cable mounted linear indirect distribution pendant in rectangular configuration with corner pieces– 16' 3" X 6' 8"	9.7	ft	46		0-10	446.2	DP-10C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-3-5	HVP-MEP-9#7
ZA10-55	Pool Area	LA-13	Surface Mounted LED strip light	6	ft	166	UNV	0-10	996	DP-10C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-3-6	HVP-MEP-9#7
ZA10-56	Exercise Gym	LA-54C	Cable mounted linear indirect distribution pendant in rectangular configuration with corner pieces – 9' 0" X 17' 7"	9.7	ft	53		0-10	514.1	DP-10C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-3-7	HVP-MEP-9#9
ZA10-57	Pool Area	LA-12	2-lamp Recessed Rectangular Aperture adjustable LED DL	25	ea	16	UNV	0-10	400	DP-10C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-3-8	HVP-MEP-9#9
ZA10-57-EM	Pool Area	LA-12	2-lamp Recessed Rectangular Aperture adjustable LED DL	25	ea	6	UNV	0-10	150	DP-10A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-3-7	LSDP-7#26
ZA10-58-EM	Exercise Gym	LA-54A	Cable mounted linear indirect distribution pendant in rectangular configuration with corner pieces – 8' 2" X 6' 10"	9.7	ft	30		0-10	291	DP-10A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-3-8	LSDP-7#26
ZA10-59	Pool Area	LA-12B	3-lamp Recessed Rectangular Aperture adjustable LED DL	25	ea	2	UNV	0-10	50	DP-10C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-4-1	HVP-MEP-9#9
ZA10-60	Pool Area	LA-13	Surface Mounted LED strip light	6	ft	29	UNV	0-10	174	DP-10C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-4-2	HVP-MEP-9#9
ZA10-61	Pool Area	LA-12	2-lamp Recessed Rectangular Aperture adjustable LED DL	25	ea	16	UNV	0-10	400	DP-10C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-4-3	HVP-MEP-9#9
ZA10-61-EM	Pool Area	LA-12	2-lamp Recessed Rectangular Aperture adjustable LED DL	25	ea	6	UNV	0-10	150	DP-10A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-4-1	LSDP-7#26
ZA10-62	Exercise Gym - Closet	LA-10	Surface ceiling mounted frosted lensed linear fluorescent closet light	33	ea	1	UNV	0-10	33	DP-10C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-4-4	HVP-MEP-9#9
ZA10-63	Corridor	LA-23A	Recessed LED WW	27	ea	2	UNV	0-10	54.2	DP-10C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-4-5	HVP-MEP-9#9
ZA10-63-EM	Corridor	LA-23A	Recessed LED WW	27	ea	2	UNV	0-10	54.2	DP-10A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-4-2	LSDP-7#26
ZA10-64	Corridor	LA-23	Recessed LED WW	27	ea	1	UNV	0-10	27.1	DP-10C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-4-6	HVP-MEP-9#9
ZA10-64-EM	Corridor	LA-23	Recessed LED WW	27	ea	1	UNV	0-10	27.1	DP-10A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-4-3	LSDP-7#26
ZA10-65	Exercise Gym	LA-54E	Cable mounted linear indirect distribution pendant in rectangular configuration with corner pieces – 16' 6" X 10' 9"	9.7	ft	54.5		0-10	528.65	DP-10C-NORMAL	GLX-DIMFLV8	DIMFLV8-C-4-7	HVP-MEP-9#9
ZA10-66	Rock Climbing Gym	LA-55	Surface mounted linear LED strip light grazer	13	ft	23.5		ELV	293.75	DP-10B-NORMAL	GLX-DIM6 (FWD ELV)	DIM6-B-2-2	HVP-MEP-9#9
ZA10-67	Rock Climbing Gym	LA-55	Surface mounted linear LED strip light grazer	13	ft	14.5		ELV	181.25	DP-10B-NORMAL	GLX-DIM6 (FWD ELV)	DIM6-B-2-3	HVP-MEP-9#9
ZA10-68	Spinning Room	LA-55	Surface mounted linear LED strip light grazer	13	ft	21		ELV	262.5	DP-10B-NORMAL	GLX-DIM6 (FWD ELV)	DIM6-B-2-4	HVP-MEP-9#9

10TH FLOOR LIGHTING CONTROL PANEL SCHEDULE
SCALE : N.T.S.



KEY PLAN:



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No.	DESCRIPTION	DATE
1	CD PROGRESS ISSUE 6	02 NOV 2015
2	CD PROGRESS ISSUE 7	29 JAN 2016
3	CD PROGRESS ISSUE 8 - GMP SET	18 MAR 2016
4	DOB AMENDMENT 3	03 OCT 2016
5	ISSUED FOR ASI #19	24 MAR 2017

0 4' - 0" 8' - 0" 16' - 0"

Discrepancies must be reported immediately to the Architect before proceeding. Only figured dimensions are to be used. Contractors must check all dimensions on site. This drawing is protected by copyright.

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PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
ELECTRICAL
10th FLOOR AMENITY LIGHTING CONTROL SCHEDULE

SEAL & SIGNATURE:

DATE:	11/02/15
PROJECT No:	Y130747-000
DRAWN: PW	REV:
CHK: EA	5
SCALE: NONE	

DWG No:
E-608.00

DOB PAGE No: 125 of 127

DOB EMPLOYEE STAMP:

DOB B-SCAN:

36" x 48" Arch E SHEET SIZE

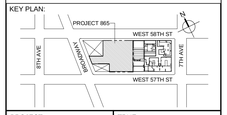
FILE NAME: C:\Revit Local Files\Y130747-000-AKF-R60_MEP15-CENTRAL_jlangner@akfgroup.com.rvt
PLOT DATE: 2/13/2017 2:53:33 PM

36" x 48" Arch E SHEET SIZE

DEPT OF BLDGS 121263525 Job Number
E340543995S Scan Code

ZONE	LOAD DESCRIPTION	FIXT. TYPE	FIXTURE DESCRIPTION	WATTS		QUANT.	FIXT. VOLT.	LOAD TYPE	LOAD TOTAL	PANEL NAME	MODULE TYPE	MODULE OUTPUT	PANEL & CKT
ZA68-01	Elevator Lobby	LA-20A	Recessed LED downlight	13.7	ea	4	UNV	0-10	54.8	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-1-1	HVP-KITCHEN-68#2
ZA68-01-EM	Elevator Lobby	LA-20A	Recessed LED downlight	13.7	ea	6	UNV	0-10	82.2	DP-68A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-1-1	LSDP-67#23
ZA68-02	Elevator Lobby	LA-24	Recessed LED downlight	11	ea	4		0-10	44	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-1-2	HVP-KITCHEN-68#2
ZA68-03	Elevator Lobby	LA-02	Surface mounted linear LED strip light for cove	3.4	LF	46.5		0-10	158.1	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-1-3	HVP-KITCHEN-68#2
ZA68-04	Corridor - South	LA-20A	Recessed LED downlight	13.7	ea	5	UNV	0-10	68.5	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-1-4	HVP-KITCHEN-68#2
ZA68-04-EM	Corridor - South	LA-20A	Recessed LED downlight	13.7	ea	4	UNV	0-10	54.8	DP-68A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-1-2	LSDP-67#23
ZA68-05	Corridor - South	LA-02	Surface mounted linear LED strip light	3.4	LF	81.5		0-10	277.1	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-1-5	HVP-KITCHEN-68#2
ZA68-06	Corridor - North	LA-40	Recessed 2-Light adjustable rectangular 8" x 4" LED downlight	6	ea	11	UNV	0-10	66	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-1-6	HVP-KITCHEN-68#2
ZA68-06-EM	Corridor - North	LA-40	Recessed 2-Light adjustable rectangular 8" x 4" LED downlight	4	ea	11	UNV	0-10	44	DP-68A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-1-3	LSDP-67#23
ZA68-07	Corridor - North	LA-20A	Recessed LED downlight	13.7	ea	4	UNV	0-10	54.8	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-1-7	HVP-KITCHEN-68#2
ZA68-08	Corridor - North	LA-02	Surface mounted linear LED strip light	3.4	LF	94.5		0-10	321.3	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-1-8	HVP-KITCHEN-68#2
ZA68-09	Bar - Lounge	LA-20B	Recessed LED downlight	13.7	ea	2		0-10	27.4	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-2-1	HVP-KITCHEN-68#2
ZA68-09-EM	Bar - Lounge	LA-20B	Recessed LED downlight	13.7	ea	2		0-10	27.4	DP-68A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-1-4	LSDP-67#23
ZA68-10	Bar - Lounge	LA-41	Recessed LED adjustable downlight	19.8	ea	8	UNV	0-10	158.4	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-2-2	HVP-KITCHEN-68#2
ZA68-10-EM	Bar - Lounge	LA-41	Recessed LED adjustable downlight	19.8	ea	4	UNV	0-10	79.2	DP-68A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-1-5	LSDP-67#23
ZA68-11	Bar - Lounge	LA-22	Recessed LED downlight	14.6	ea	3	UNV	0-10	43.8	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-2-3	HVP-KITCHEN-68#2
ZA68-12	Bar - Lounge	LA-41	Recessed LED adjustable downlight	19.8	ea	5	UNV	0-10	99	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-2-4	HVP-KITCHEN-68#2
ZA68-12-EM	Bar - Lounge	LA-41	Recessed LED adjustable downlight	19.8	ea	1	UNV	0-10	19.8	DP-68A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-1-6	LSDP-67#23
ZA68-13	Bar - Lounge	LA-41A	Recessed LED adjustable downlight	19.8	ea	3		0-10	59.4	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-2-5	HVP-KITCHEN-68#2
ZA68-13-EM	Bar - Lounge	LA-41A	Recessed LED adjustable downlight	19.8	ea	2		0-10	39.6	DP-68A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-1-7	LSDP-67#23
ZA68-14	Bar - Lounge	LA-07B	Surface mounted white LED strip light for task lighting	3.4	lf	7.5	UNV	0-10	25.5	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-2-6	HVP-KITCHEN-68#2
ZA68-15	Bar - Lounge	LA-44	Surface mounted 12" square LED	1.3	sqft	104.5	UNV	0-10	135.85	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-2-7	HVP-KITCHEN-68#2
ZA68-16	Bar - Lounge	LA-07B	Surface mounted white LED strip light for task lighting	3.4	lf	16	UNV	0-10	54.4	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-2-8	HVP-KITCHEN-68#2
ZA68-17	Service Pantry	LA-05	Recessed LED downlight	14.5	ea	5	UNV	0-10	72.5	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-3-1	HVP-KITCHEN-68#2
ZA68-17-EM	Service Pantry	LA-05	Recessed LED downlight	14.5	ea	1	UNV	0-10	14.5	DP-68A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-1-8	LSDP-67#23
ZA68-18	Bar - Lounge	LA-07B	Surface mounted white LED strip light for task lighting	3.4	lf	8.5	UNV	0-10	28.9	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-3-2	HVP-KITCHEN-68#2
ZA68-19	Bar - Lounge	LA-15	Recessed LED downlight	134	ea	1		-	134	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-3-3	HVP-KITCHEN-68#2
ZA68-20	Bar - Lounge	LA-09	Surface mounted linear 3.8" wide LED	6.3	lf	150		0-10	945	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-3-4	HVP-KITCHEN-68#2
ZA68-21	Cigar Room	LA-41	Recessed LED downlight	19.8	ea	5	UNV	0-10	99	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-3-5	HVP-KITCHEN-68#2
ZA68-21-EM	Cigar Room	LA-41	Recessed LED downlight	19.8	ea	4	UNV	0-10	79.2	DP-68A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-2-1	LSDP-67#23
ZA68-22	Cigar Room	LA-41	Recessed LED downlight	19.8	ea	4	UNV	0-10	79.2	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-3-6	HVP-KITCHEN-68#2
ZA68-23	Cigar Room	LA-38	Recessed LED downlight	25	ea	2		0-10	50	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-3-7	HVP-KITCHEN-68#2
ZA68-23-EM	Cigar Room	LA-38	Recessed LED downlight	25	ea	2		0-10	50	DP-68A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-2-2	LSDP-67#23
ZA68-24	Cigar Room	LA-22B	Recessed LED downlight	14.8	ea	2		0-10	29.6	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-3-8	HVP-KITCHEN-68#2
ZA68-24-EM	Cigar Room	LA-22B	Recessed LED downlight	14.8	ea	2		0-10	29.6	DP-68A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-2-3	LSDP-67#23
ZA68-25	Cigar Room	LA-48	Surface mounted linear LED strip fixture in cove	3	ft	26.8	UNV	0-10	80.4	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-4-1	HVP-KITCHEN-68#2
ZA68-26	Cigar Room	LA-20B	Recessed LED downlight	13.7	ea	5		0-10	68.5	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-4-2	HVP-KITCHEN-68#2
ZA68-26-EM	Cigar Room	LA-20B	Recessed LED downlight	13.7	ea	1		0-10	13.7	DP-68A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-2-4	LSDP-67#23
ZA68-27	Cigar Room	LA-20B	Recessed LED downlight	13.7	ea	3		0-10	41.1	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-4-3	HVP-KITCHEN-68#2
ZA68-27-EM	Cigar Room	LA-20B	Recessed LED downlight	13.7	ea	1		0-10	13.7	DP-68A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-2-5	LSDP-67#23
ZA68-28	Cigar Room	LA-20B	Recessed LED downlight	13.7	ea	3		0-10	41.1	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-4-4	HVP-KITCHEN-68#2
ZA68-28-EM	Cigar Room	LA-20B	Recessed LED downlight	13.7	ea	1		0-10	13.7	DP-68A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-2-6	LSDP-67#23
ZA68-29	Cigar Room	LA-48	Surface mounted linear LED strip fixture in cove	3	lf	4.9	UNV	0-10	14.7	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-4-5	HVP-KITCHEN-68#2
ZA68-30	Cigar Room	LA-53	Stem mounted decorative LED	50	ea	1		0-10	50	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-4-6	HVP-KITCHEN-68#2
ZA68-31	Ballroom	LA-45A	Recessed 4-1/2" square aperture LED downlight	33	ea	2			66	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-4-7	HVP-KITCHEN-68#2
ZA68-31-EM	Ballroom	LA-45A	Recessed 4-1/2" square aperture LED downlight	33	ea	1			33	DP-68A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-2-7	LSDP-67#23
ZA68-32	Ballroom	LA-45A	Recessed 4-1/2" square aperture LED downlight	33	ea	3			99	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-4-8	HVP-KITCHEN-68#3
ZA68-32-EM	Ballroom	LA-45A	Recessed 4-1/2" square aperture LED downlight	33	ea	1			33	DP-68A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-2-8	LSDP-67#23
ZA68-33	Ballroom	LA-45A	Recessed 4-1/2" square aperture LED downlight	33	ea	1			33	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-5-1	HVP-KITCHEN-68#3
ZA68-33-EM	Ballroom	LA-45A	Recessed 4-1/2" square aperture LED downlight	33	ea	1			33	DP-68A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-3-1	LSDP-67#23
ZA68-34	Ballroom	LA-45	Recessed continuous slot with (7) LED adjustable downlights	24	ea	2		0-10	48	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-5-2	HVP-KITCHEN-68#3
ZA68-34-EM	Ballroom	LA-45	Recessed 4-1/2" square aperture LED downlight	33	ea	1			33	DP-68A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-3-2	LSDP-67#23
ZA68-35	Ballroom	LA-45	Recessed 4-1/2" square aperture LED downlight	33	ea	1			33	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-5-3	HVP-KITCHEN-68#3
ZA68-36	Ballroom	LA-45	Recessed 4-1/2" square aperture LED downlight	33	ea	1			33	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-5-4	HVP-KITCHEN-68#3
ZA68-36-EM	Ballroom	LA-45	Recessed 4-1/2" square aperture LED downlight	33	ea	1			33	DP-68A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-3-3	LSDP-67#23
ZA68-37-EM	Ballroom	LA-45	Recessed 4-1/2" square aperture LED downlight	33	ea	1			33	DP-68A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-3-4	LSDP-67#23
ZA68-38-EM	Ballroom	LA-45	Recessed 4-1/2" square aperture LED downlight	33	ea	1			33	DP-68A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-3-5	LSDP-67#23
ZA68-39	Ballroom	LA-46	Surface mounted linear LED	5.1	lf	294		ELV	1499.4	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-5-5	HVP-KITCHEN-68#3
ZA68-40	Ballroom	LA-46	Surface mounted linear LED	5.1	lf	233		ELV	1188.3	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-5-6	HVP-KITCHEN-68#3
ZA68-41	Ballroom	LA-46	Surface mounted linear LED	5.1	lf	262		ELV	1336.2	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-5-7	HVP-KITCHEN-68#4
ZA68-42	Men's Bathroom	LA-36	Decorative pendant	25	ea	1	120	N/D	25	DP-68A-NORMAL	GLX-DIMFLV8	DIMFLV8-A-5-8	LVP-68#41
ZA68-43	Men's Bathroom	LA-05	Recessed LED downlight	14.5	ea	3	UNV	0-10	43.5	DP-68B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-1-1	HVP-KITCHEN-68#4
ZA68-43-EM	Men's Bathroom	LA-05	Recessed LED downlight	14.5	ea	3	UNV	0-10	43.5	DP-68A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-3-6	LSDP-67#23
ZA68-44	Men's Bathroom	LA-26	Decorative "school house" style pendant	25	ea	1		0-10	25	DP-68B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-1-2	HVP-KITCHEN-68#4
ZA68-45	Men's Bathroom	LA-37	Decorative linear LED or fluorescent wall sconce	25	ea	6		0-10	150	DP-68B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-1-3	HVP-KITCHEN-68#4
ZA68-46	Men's Bathroom	LA-17	Recessed LED downlight	9.8	ea	1	UNV	0-10	9.8	DP-68B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-1-4	HVP-KITCHEN-68#4
ZA68-46-EM	Men's Bathroom	LA-17	Recessed LED downlight	9.8	ea	1	UNV	0-10	9.8	DP-68A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-3-7	LSDP-67#23
ZA68-47	Men's Bathroom	LA-07A	Surface mounted white LED strip around mirror	3.4	ea	33		0-10	112.2	DP-68B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-1-5	HVP-KITCHEN-68#4
ZA68-48	Men's Bathroom	LA-07	Surface mounted white LED strip under counter	3.4	ea	7.5	UNV	0-10	25.5	DP-68B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-1-6	HVP-KITCHEN-68#4
ZA68-49-EM	Women's Bathroom	LA-05	Recessed LED downlight	14.5	ea	2	UNV	0-10	29	DP-68A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-3-8	LSDP-67#23
ZA68-50	Women's Bathroom	LA-26	Decorative "school house" style pendant	25	ea	1		0-10	25	DP-68B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-1-7	HVP-KITCHEN-68#4
ZA68-51	Women's Bathroom	LA-26	Decorative "school house" style pendant	25	ea	1		0-10	25	DP-68B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-1-8	HVP-KITCHEN-68#4
ZA68-52	Women's Bathroom	LA-26	Decorative "school house" style pendant	25	ea	1		0-10	25	DP-68B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-2-1	HVP-KITCHEN-68#4
ZA68-53	Women's Bathroom	LA-36	Decorative pendant	25	ea	1	120	N/D	25	DP-68B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-2-2	LVP-68#41
ZA68-54	Women's Bathroom	LA-17	Recessed LED downlight	9.8	ea	1	UNV	0-10	9.8	DP-68B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-2-3	HVP-KITCHEN-68#4
ZA68-54-EM	Women's Bathroom	LA-17	Recessed LED downlight	9.8	ea	1	UNV	0-10	9.8	DP-68A-EMERG	GLX-DIMFLV8	DIMFLV8-AE-4-1	LSDP-67#23
ZA68-55	Women's Bathroom	LA-37	Decorative linear LED or fluorescent wall sconce	25	ea	6		0-10	150	DP-68B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-2-4	HVP-KITCHEN-68#4
ZA68-56	Women's Bathroom	LA-07A	Surface mounted white LED strip around mirror	3.4	ea	33		0-10	112.2	DP-68B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-2-5	HVP-KITCHEN-68#4
ZA68-57	Cigar Room	LA-16	Decorative linear LED pendant	150	ea	1		0-10	150	DP-68B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-2-6	HVP-KITCHEN-68#4
ZA68-58	Women's Bathroom	LA-07	Surface mounted white LED strip under counter	3.4	ea	7.5	UNV	0-10	25.5	DP-68B-NORMAL	GLX-DIMFLV8	DIMFLV8-B-2-7	HVP-KITCHEN-68#4

10TH FLOOR LIGHTING CONTROL PANEL SCHEDULE
SCALE : N.T.S.



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1	ISSUED FOR AS #19	24 MAR 2017

0 4' - 0" 8' - 0" 16' - 0"

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PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
68th FLOOR AMENITY LIGHTING CONTROL SCHEDULE

SEAL & SIGNATURE:

DATE:	03/28/17
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