



Applying For New or Revised Electric Service

Dear Customer:

ComEd is happy to assist you in initiating new or revised electric service to your location.

ComEd must be notified prior to any new construction, relocation or upgrade of electric facilities.

Please complete, sign and return the attached service and meter application to your ComEd representative – you may wish to have your electrical contractor assist you in completing it. Please call 1-866-NEW ELEC (1-866-639-3532) to have a ComEd representative assigned to your project. Please have the zip code of your project site ready.

This new service application form is an important first step in initiating electric service. ComEd depends upon the information contained in it to schedule site visits, design your electric delivery service, prepare contracts, schedule construction work and set up your electric account.

Additionally, ComEd may need to secure permits from local municipalities to perform required work, so be sure to accurately complete and promptly return your service application. Please also be aware that it is the customer's responsibility to coordinate work with other involved utilities. Again, you may wish to consult your electrical contractor for assistance in this area.

After your electric service application is received, your ComEd representative will review it. You or your electrical contractor may be contacted for further information or clarification. In addition, site visits by ComEd personnel may be required. Upon the completion of all required information, ComEd will send you contracts and sketches, along with charges if applicable. You must review, sign and return these documents.

Again, the prompt return of these signed documents authorizing ComEd to begin new service installation work is very, very important.

Upon receipt of these signed contracts and sketches, ComEd will finalize a date when crews can begin work on your project. Typically, we will be able to schedule the appropriate resources to begin your project a minimum of six weeks from the time we receive your signed sketches. Please note, that if ComEd crews are required to work outside of normal weekday working hours, overtime labor charges will apply.

Lastly, please keep in mind the following important information regarding your new electric service:

- Some municipalities may require separate Fire Pump and Emergency services. Please remember to include these services on your new service application.
- You may be required to provide easements and space on your property, or inside your building for ComEd equipment.
- Like any other business, ComEd is obligated to obtain all necessary permits before beginning work. Promptly returning accurate and complete documents can help expedite this process.
- Subtractive Metering is not offered for new construction. New Construction is defined as building from the ground up. Subtractive Metering is grandfathered in with existing Subtractive Metering customers or on refurbished buildings with no other option except for Subtractive Metering.

Please be aware that all customers now have a choice of electric suppliers, electric rates, metering option, etc. For more information, visit our Web site at www.exeloncorp.com or call our Business Solutions Center at 1-877-4-ComEd-1 (1-877-426-6331).

We look forward to working with you.





Work Scheduling Information

Dear Customer:

ComEd would like to inform you about its work scheduling process for all "new business" and construction-related activities.

This process helps ComEd efficiently allocate its resources and maintain scheduling control and flexibility.

A key element of this process is uninhibited, continuous communication between the customer and the ComEd engineer assigned to the project.

To help ensure the timely completion of new projects, ComEd has identified the following sequence of events -- each one of which must take place:

- 1. New Service Application: wherein customer completes, signs and submits new service application and related documentation.
- 2. New Service Application Review: wherein ComEd reviews completed new service application and, based on submitted information, sends customer all necessary contracts and sketches, along with an itemized list of charges (if applicable) to begin electric service at the customer's location.
- 3. New Service Authorization: wherein the customer reviews, signs and returns contracts, sketches and cost estimates to ComEd authorizing work to begin.
- 4. Service Date Determination: wherein an "in service" date is negotiated between the customer and ComEd; a day that in turn generates a "start work date," which commits ComEd to begin working on the project.
- 5. Service Date Confirmation: wherein four weeks prior to the "start work date," the ComEd project engineer will contact the customer to check on the project's progress and validate the proposed "start work" and "in service" dates. If the customer's project is not progressing as planned and the "in service" date needs to be rescheduled, the "start work" date will be adjusted accordingly. All work rescheduling will be subject to ComEd's workload and resource availability. If the customer's project is progressing as expected and the "in service" date is still valid, the "start work" date will be "locked in" to ComEd's construction schedule and resources will be allotted to the customer's project.
- 6. Final Site Inspection: wherein two weeks prior to the "start work" date, all conduits and pads that are to be provided by the customer must be ready for inspection and approval by ComEd personnel to allow ample time for modification or correction, if necessary. If conduits and pads are not ready for inspection, ComEd may reschedule the planned "start work" and "in service" dates. Please note, unanticipated events such as severe weather or other emergencies may delay the start of planned "work start" or "in service" dates. ComEd makes every attempt to notify its customers as soon as it becomes aware of these situations.





Service and Meter Application Switch and Load Information Sheet

rioject Name E	<u>andlord Ren</u>	ovacion						
Site Address	6 Orland Squ	uare Drive	e, Orland P	ark, IL 60462				
Switch Name	and Locati	on <u>Tenan</u> i	t A					
Service Voltac 120/240V 1- 120/240V 3- 120/208V 3- 100ther: 4kV 11 4kV 11	ge (check ophase, 3-wirphase, 4-wirphase, 4-wirphase, 4-wir	one):	277/480V 480V 3-ph 480V 3-ph ase, 3-wire	3-phase, 4-wire ase 3-wire (B-p ase 3-wire (Un	hase Grou	nded) - requires grou	and detection	equip.)
Other Items (•						
New Construction Building Add Relocating E Hi-Rise/ Vau Master/Subti	xisting Servi It Service ractive Mete	ce Entran	Ft. Ov ce Co Re allowed for		. of units: of units: _ ion)	Sq. F <u>Sq</u> . I		
Date of Ground Date to Energiz Switch Size (am Switch Rating (I Secondary Conc (Number	e: <u>08/2015</u> ps): <u>400</u> (If s percentage): luctors: <u>1</u> Se) (No.	witchgear is ets of 4# of condu	Hou 5 1,200 Amps of 500/C ctors)		Per Day: [drawings for Com	16 🔲 24 Ed approval)	
Total Connect (KW or HP)	ted Load Ir	nformati	on: Descript	ion:		Con	nected Load:	
(KW OI IIF)			Describe	IOH.			necteu Loau.	
						1-phase	3	-phase
Lighting:	Tem	porary L	ighting		0.3	1-phase KW	3	-phase
VAC:	RTU	s				KW	23.7 KV	
VAC: Receptacle:	RTU							
VAC: Receptacle: Process Heat:	RTU	s				KW		
VAC: Receptacle: Process Heat: Water Heat:	RTU	s				KW		
VAC: Receptacle: Process Heat: Water Heat: Space Heat:	RTU	s				KW		
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Service and Meter Application Project Information Sheet

Site Address: 66 Orland Square Drive	City: <u>Orland Park</u> Zip: <u>60462</u>
Total Number of Service Entrance Locations (meters/s	witches) Requested: 1
Legal Name of Entity (Electric Consumer): 66 Orland S Corporation Partnership	
Tax I.D.: <u>47-2474094</u> Existing	g Account Number: <u>0459036081-</u>
Principle(s) to Sign Contracts For Service, Ease Property Owner: Mitch Goltz	
Building Owner: Mitch Goltz	Phone: <u>773-304-8600</u>
Building Manager: Mitch Goltz	Phone: <u>773-304-8600</u>
Mailing Address for Contracts:	
Company: 66 Orland Square LLC	Phone: <u>773-382-0592</u> Fax: <u>773-736-7424</u>
Address: 2211 N. Elston Avenue, Suite 304	City: Chicago Zip: 60614
Mailing Address for Electric Bills:	DI
Company: 66 Orland Square LLC	
Address: 2211 N. Elston Avenue, Suite 304	City: Chicago Zip: 60614
Project Contacts: Consulting Engineer: John Cartland	E-mail: jcartland@cartlandkraus.com
Firm Name: <u>Cartland Kraus Engineering</u>	Phone:8477191708 Fax:
Address: 760 Telser Road	
Addicss, 700 Telser Rodd	City. Lake Zulich Zip. 00047
Electrical Contractor: Consulting Engineer: Piotr Karczmarzyk	
Firm Name: Nova Electric	Phone: 773-290-9134Fax: 866-317-6229
Address: 6124 N Milwaukee Avenue	City: Chicago, IL Zip: 60646
Other:	
Consulting Engineer:	E-mail:
Firm Name:	Phone:Fax:
Address:	
The Following Documents May Be Required: 1. Plat of Survey with legal description of propert 2. Site Plan showing building relative to property 3. Civil drawings (showing water, sewer, gas, pho 4. Complete electrical drawings and/or load detail	y (for easement, if required) lines – mark service entrance location(s) one, electric, pavement, grading, etc.)
Information Provided By: Print Name: Monthicha Prathammanon Signature:	9-2-15





Metering Checklist

Dear Customer:

To ensure that your location's electric meter equipment can be installed in a correct and timely manner, please have your electrician complete the attached Meter Checklist and return it to your ComEd representative.

For additional metering information, visit our Web site at https://www.comed.com/newbusiness and select "Supplemental Documents" from the drop down.

Please be aware that ComEd's System Meter Department must approve the installation of main electrical panels that are rated greater or equal to 1,200 amps & any service that is greater than 600 volts. To obtain approval: (1) a pdf of the one-line diagram for the meter current transformer cabinet and disconnect switch sequence can be emailed to SWBD.Approvals@ComEd.com or (2) four physical copies can be submitted to ComEd: System Meter Department at 1919 Swift Drive, Oak Brook, IL 60523.

Please be sure to include the electrical panel's manufacturer and model number. These diagrams may be found in your project's electrical plans or in the manufacturer's specifications for the panel. Talk to your electrical contractor if you need assistance acquiring these documents, and be sure to allow ComEd ample time to receive and review these items. All plans must be approved before service can be livened.

If you have any questions, please contact your ComEd representative.





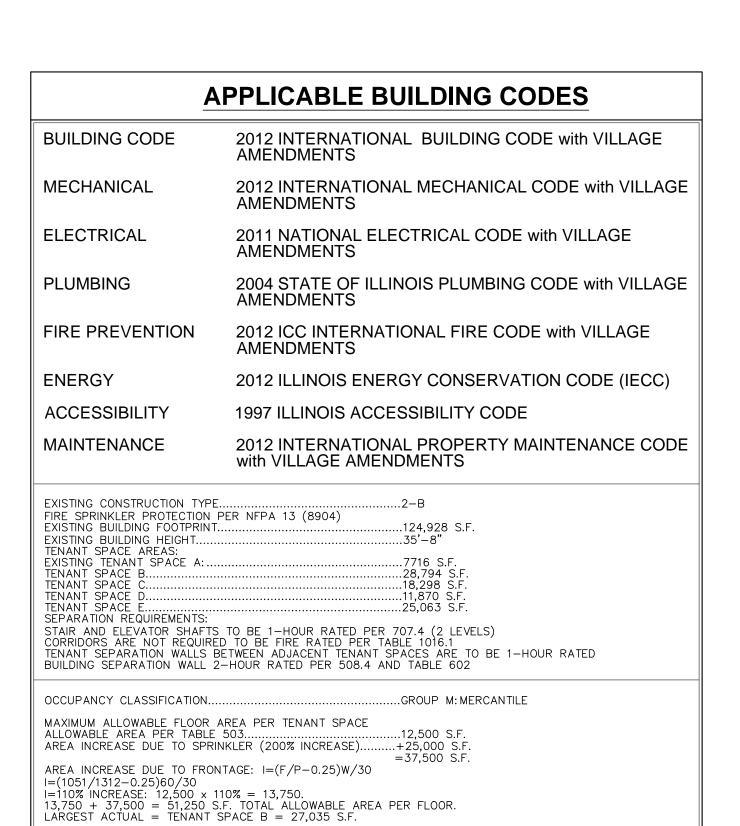
	Metering Checklist
Genera	al Requirements:
\boxtimes	If applicable a permit must be obtained prior to ComEd notification and/or approval.
	All fittings must have a CECHA stamp to receive ComEd approval. Fittings must be located in a ComEd approved location.
\boxtimes	All meter sockets must be clearly identified with unit number, fire pump, building meter, etc. on the fitting.
	All units must be clearly identified, using the final unit number, designation and/or address on the unit's breaker panel.
	All load wires must be landed and terminated between the meter socket and unit panels.
	All new and existing services must have required grounds.
	Access to meter –related facilities must be through public walkways, halls and other public areas, and must not be through locked or private rooms, tenant spaces, lavatories, or other limited access areas. For a situation in which the meter–related facilities are located on a balcony, access to such meter-related facilities must be made by stairs, and must not be by ladder. Clear platform space of at least three (3) feet with suitable protective railings must be provided in front of any meter-related facilities located on a balcony. For a situation in which meter–related facilities are located in a narrow passageway or area, clear space of at least three (3) feet must be provided in front of any such meter-related facilities.
Single	-phase Metering:
	A fifth jaw is required at the nine o'clock position of the socket for "WYE" (120/208v) services.
	If there is no bypass handle provided on the socket, jumping studs/horns are required on the line and load connectors of the meter fitting. Meter fitting(s) must be at proper height. Service attachment (I-plate) must be installed in proper location and must be within minimum and maximum height clearances. Trees on private property must be trimmed and/or removed as needed by the customer to allow service drop installation.
Three-	phase Self-contained Metering:
	All three-phase, 120/240V, four-wire self-contained meter installations (200 Amps. or less), the high phase must be attached on the right side of the fitting and clearly identified within the meter fitting and at the weatherhead.
П	All phases and the neutral must be clearly identified.
	An integrated bypass lever is required for all three-phase, self-contained meter fittings.
	phase Transformer Rated Metering:
	High phase must be in the center position in all current-transformer cabinet installations.
	Please make sure the switchgear size, estimated demand load and voltages have been provided to the Project Engineer. Also, an approved wiring harness must be provided in all current-transformer cabinet installations (per ComEd requirements) when the meter fitting is on the CT cabinet door.
NOTE:	When all applicable items are checked off, sign, date and return this form to your ComEd representative. If applicable, a city/village inspection is required in addition to the above ComEd requirements.
	y certify that all requirements set forth above for metering installation are complete:
Custom	er/Contractor Signature:
Building	g/Project Address: <u>66 Orland Square, Orland Park, Illinois</u>

6

Date: 09-02-15

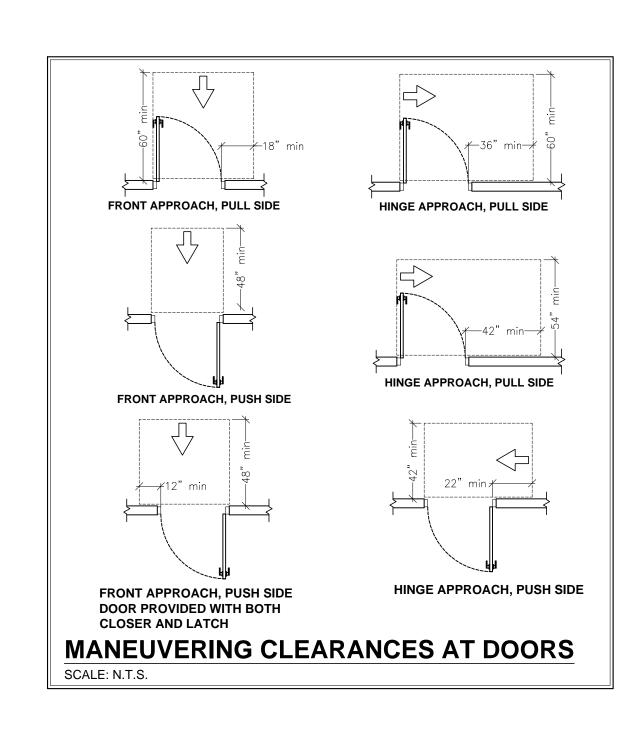
LANDLORD RENOVATION 66 ORLAND SQUARE DRIVE

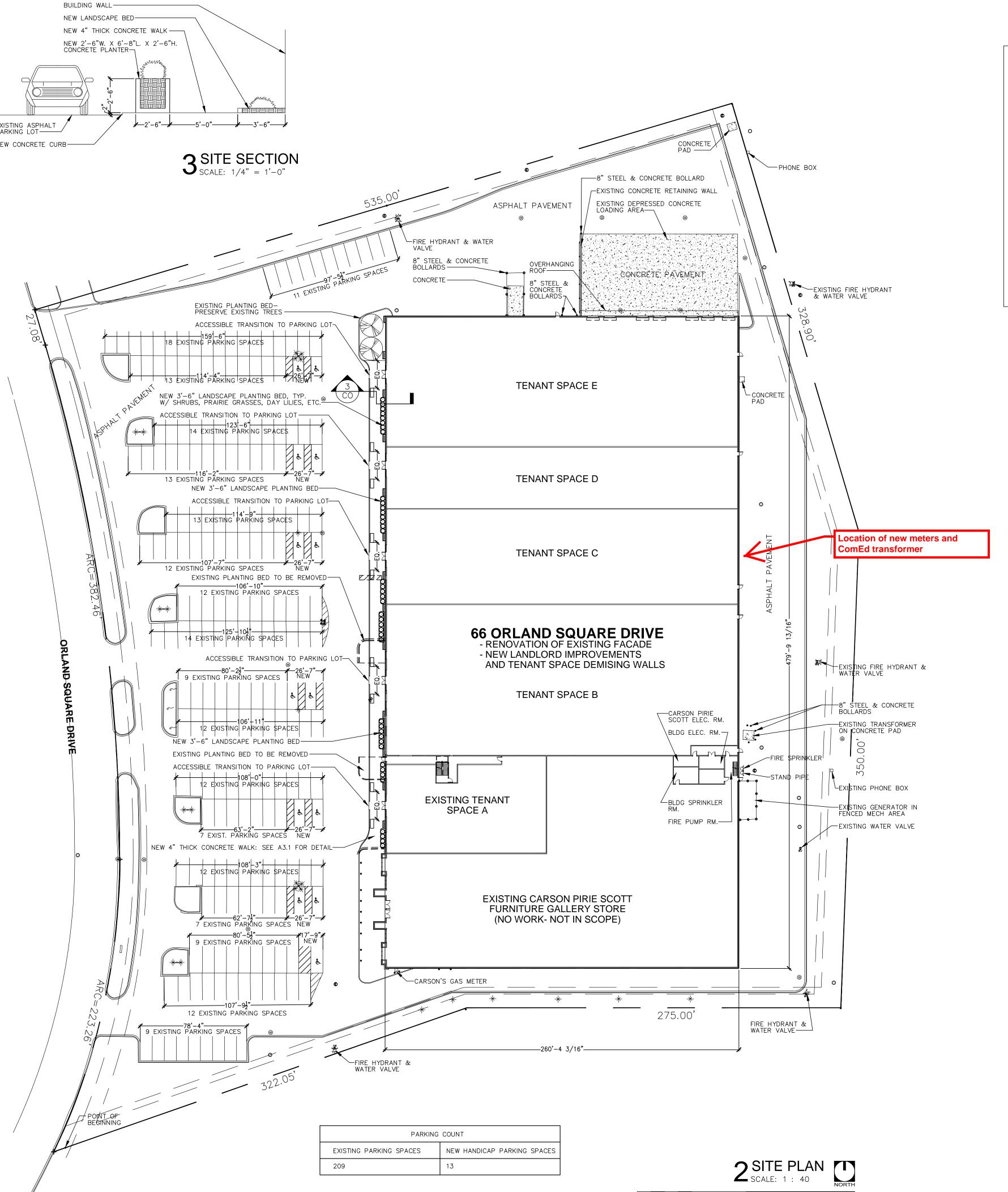
ORLAND PARK, ILLINOIS 60462



HANDICAPPED REQUIREMENTS

THIS BUILDING COMPLIES W/ STATE OF ILLINOIS ACCESSIBILITY CODE AND A.D.A. REQUIREMENTS REGARDING HANDICAP ACCESS IN ALL AREAS OF THE BUILDING. THE CONTRACTOR SHALL VISIT THE JOB SITE AND BECOME FAMILIAR WITH THE JOB CONDITIONS. NO PLEA OF IGNORANCE OF SITE CONDITIONS WILL BE ACCEPTED. VERIFY ALL MEASUREMENTS. -ALL HARDWARE TO BE LEVER TYPE AND TO MATCH EXISTING -DOORS (BATHROOMS & EXIT) TO HAVE OPS FORCE OF 51bf -HANDICAPPED BATHROOM DOORS SIGNAGE @ 60" AFF -ALL NEW WINDOWS TO HAVE SAFETY GLAZING (SAFETY GLASS OR TEMPERED) -ALL NEW DOORS W/ 18" CLEAR ON PULL SIDE FLOORING: -EXISTING EXPOSED CONCRETE -CHANGES IN FLOOR LEVEL 1/4"-1/2" TO HAVE BEVEL NO GREATER THAN 1:2 -CHANGES GREATER TO COMPLY W/ 4.7 & 4.8 -MAX SLOPE FOR RAMP 1:12 W/ MAX RISE OF 30" -RAMP MIN. WIDTH OF 36"









DRAWING INDEX

COVER SHEET and SITE PLAN

LANDSCAPE PLAN

D1.1 EXISTING/ DEMOLITION FLOOR PLAN

A2.1 EXTERIOR ELEVATIONS

A2.2 ENLARGED FLOOR PLANS and ELEVATIONS

ENLARGED FLOOR PLANS and ELEVATIONS EXTERIOR WALL SECTIONS

EXTERIOR WALL SECTIONS and INTERIOR PARTITION TYPES

GENERAL NOTES

4. OPENINGS: REPAIR AND PATCH ALL PENETRATIONS THROUGH FIRE—RATED ASSEMBLIES

6. FINISH: —FINISHES TO MEET INTERIOR FLAME SPREAD RATING REQUIRED BY CODE

-OWNER AND ARCHITECT TO SELECT FINISHES

-ARCHITECT TO SUBMIT FLAME SPREAD RATING TO CITY

1. RESURFACE EXISTING ASPHALT PARKING LOT.

3. NEW PARKING STALL STRIPING

5. CEILINGS: OPEN CEILING

2. ALL PARKING CURBS AND ISLANDS ARE EXISTING U.N.O.

7. ALL SIGNAGE TO BE SUBMITTED BY SIGN CONTRACTOR

THE CONTRACTOR SHALL VISIT THE JOB SITE AND BECOME FAMILIAR WITH THE JOB CONDITIONS. NO PLEA OF IGNORANCE OF SITE CONDITIONS WILL BE ACCEPTED. VERIFY ALL MEASUREMENTS.

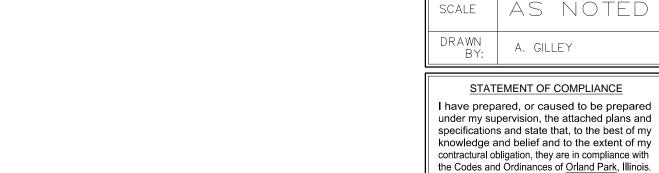
ELECTRICAL SPECIFICATIONS AND DETAILS

E1.0 ELECTRICAL FLOOR PLAN MECHANICAL SPECIFICATIONS AND DETAILS

M1.0 MECHANICAL FLOOR PLAN

PLUMBING SPECIFICATIONS AND DETAILS

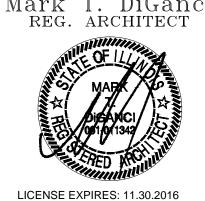
P1.1 PLUMBING FLOOR PLAN

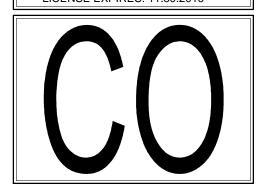


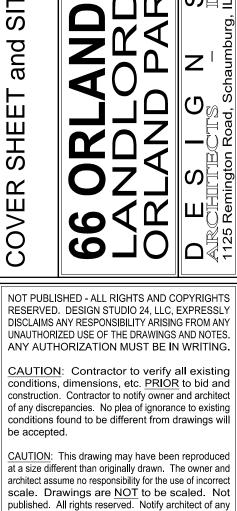
I have prepared, or caused to be prepared under my supervision, the attached plans and specifications and state that, to the best of my knowledge and belief and to the extent of my the Environmental Barriers Act {II Rev Stat 1985, ch 111 1/2, pars 3711 at seq as amended} and

Mark T. DiGane: REG. ARCHITECT

the Illinois Accessibility Code, 71 ii, Adm, Code 400.







discrepancies.

DATE 04.09.2015

04.09.2015 ISSUE FOR PERMIT

PANEL	SCHE	DULE								MARK	TPA
LOAD		VA	P	Α	CC	CT	Α	Р	VA	LOAD	
EXIT LIGHTING	L	100	1	20	1	2		3	4,970	AH-IA	Р
TEMP/EM LIGHTING	L	210	1	20	3	4	\		-	-	-
ROOF RECEPTACLE	R	540	1	20	5	6	20		-	-	-
SPARE	1	1	ı	20	7	8		3	35,000	AH-IA ELECTRIC HEAT	(3#2) P
SPARE	1	1	_	20	9	10	`		1	-	-
SPARE	•	1	-	20	Ξ	12	125		1	-	-
SPARE	•	1	_	20	13	14		3	28,400	AH-2A	(4#3) P
SPARE	1	1	_	20	15	16	`		1	-	-
SPARE	•	1	1	20	17	18	100		1	-	-
SPARE	•	1	_	20	19	20		3	28,400	AH-3A	(4#3) P
SPARE	•	1	_	20	21	22	`		1	-	-
SPARE	1	1	1	20	23	24	100		1	-	-
SPARE	-	-	1	20	25	26		3	7,920	CU-IA	(3#8) P
SPARE	•	1	1	20	27	28	`		1	-	-
SPARE	•		_	20	29	30	40		1	-	-
SPARE	•	1		20	3	32		3	7,920	CU-2A	(3#8) P
SPARE	-	-	-	20	33	34	`		1	-	-
SPARE	•	-	_	20	35	36	40		1	-	-
SPARE	-	1	1	20	37	38		3	7,920	CU-3A	(3#8) P
SPARE	-	-	1	20	39	40	`		1	-	-
SPARE	-	-	1	20	41	42	40	$\overline{}$	-	-	-
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SERVICE	120/2	208 V		3 F	2H	4 \	N		N	MAINS 400	DA M/B

SPARE	-	-	1 2	20 41	42	40		-	-				-
TOTAL LOAD	115	,948 V	Ά				BA	_ANCI	ED L	-OAD	①	256	AMP5
SERVICE	120/	208 V	3	_PH_	4	W		1	MAII	NS	4	100A	M/B
10000													

PANEL	SCHE	DULE								MAR	K TPC
LOAD		VA	Р	Α	CC	CT	Α	Р	VA	LOAD	
EXIT LIGHTING	L	100	J	20	1	2		3	16,000	RTU-IC	(3#6) P
TEMP/EM LIGHTING	L	490	1	20	3	4	`		1	1	-
ROOF RECEPTACLE	R	720	_	20	5	6	60		1	1	-
SPARE	-	1	-	20	7	8		ß	23,200	RTU-2C	(3#4) P
SPARE	-	1	_	20	9	10	`		1	1	-
SPARE	-	-	-	20	П	12	80		1	1	-
SPARE	-	-	1	20	13	14		3	16,000	RTU-4C	(3#6) P
SPARE	-	-	-1	20	15	16	`		-	-	-
SPARE	-	-	1	20	17	I8	60		-	1	-
SPARE	-	-	ı	20	19	20		3	23,200	RTU-3C	(3#4) P
SPARE	-	-	ı	20	21	22	`		-	-	-
SPARE	-	-	1	20	23	24	80		-	1	-
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SPARE	-	-	ı	20	27	28	20	1	-	SPARE	
SPARE	-	-	1	20	29	30	20	1	1	SPARE	-
SPARE	-	-	-1	20	31	32	20	-1	-	SPARE	
SPARE	-	-	_	20	33	34	20	1	1	SPARE	-
SPARE	-	-	-	20	35	36	20	1	1	SPARE	-
SPARE	-	-	- 1	20	37	38	20	-1	-	SPARE	_
SPARE	-	1	_	20	39	40	20	1	1	SPARE	-
SPARE	-	-	1	20	41	42	20		-	SPARE	
TOTAL LOAD	79	<u>,710 </u>	/A					BA	LANCE	ED LOAD	219_ AMPS
SERVICE	120/2	208 V		<u>3</u> F	2H_	4 1	N		1	MAINS	1200A M/B

I. BALANCED LOAD = LIGHTING AT 100% + LARGEST OF HEATING OR COOLING + REMAINDER AT 100%.

PROVIDE DEVICE TO LOCK IN "ON" POSITION. 2. PROVIDE HACR BREAKER.

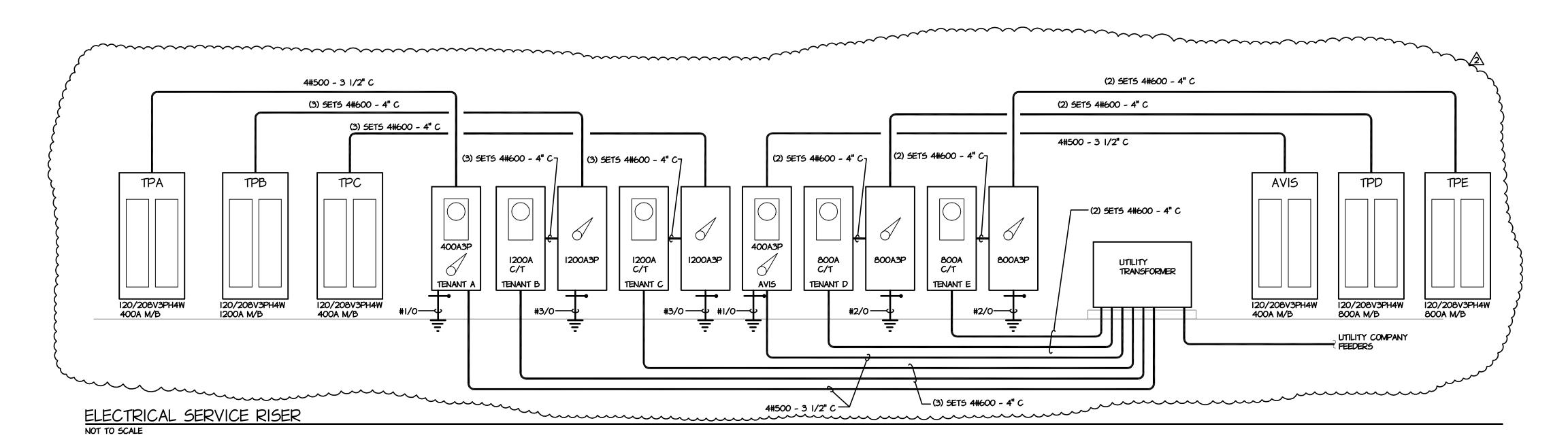
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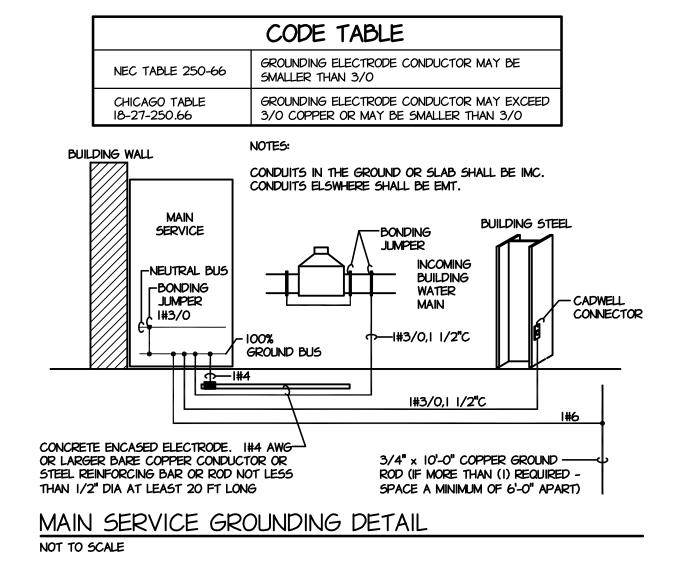
3. PROVIDE HACR BREAKER.

٦	TPB	1200A	M/B	120	3Pł	1 4	-W		
#	MARK	LOAD	AMP5	WIRE	С	Р	F	Т	TYPE
ı	RTU-IB	16.0 KVA	44.4	3#6	l"	3	100	60	HACR
2	RTU-2B	24.7 KVA	68.6	3#4	l"	3	100	80	HACR
3	RTU-3B	24.7 KVA	68.6	3#4	l"	3	100	80	HACR
4	RTU-4B	24.7 KVA	68.6	3#4	l"	3	100	80	HACR
5	RTU-5B	24.7 KVA	68.6	3#4	l "	3	100	80	HACR
6	RTU-6B	24.7 KVA	68.6	3#4	l "	3	100	80	HACR
7	RTU-7B	24.7 KVA	68.6	3#4	l "	3	100	80	HACR
8	EXIT LIGHTING	100 VA	-	1	-	Τ	20	20	LOCK
9	TEMP/EM LIGHTING	1570 VA	-		-	Τ	20	20	LOCK
10	ROOF REC	1260 VA	-	-	-	Т	20	20	-
П	-	-	-	1	-	3	-	-	-
12	-	-	-	1	-	3	-	-	-
13	-	-	-	1	-	3	-	-	-
14	-	-	-	1	-	3	-	1	-
15	-	-	-	-	-	3	-	-	-
16	1	-	-	1	-	3	-	-	-
17	-	-	-	1	-	3	-	-	-
I8	-	-	-	1	-	3	-	-	-
19	1	-	-	1	-	3	-	-	-
20	ı	-	-	•	-	3	-	-	-
		TOTAL	456.0						

PANEL	SCHE	DULE								MARK	٠ .	TPD]
LOAD		VA	Р	Α	CC	T	Α	Р	VA	LOAD			1
EXIT LIGHTING	L	100	ı	20	1	2		3	16,000	RTU-ID		(3#6) P	10
TEMP/EM LIGHTING	L	490	1	20	3	4	\		-	-		-	1
ROOF RECEPTACLE	R	540	1	20	5	6	60		-	-		-	1
SPARE	1	1	1	20	7	8		3	23,200	RTU-2D		(3#4) P](
SPARE	1	1	1	20	9	10	`		-	-		-	-
SPARE	1	1	_	20	П	12	80		1	-		-]
SPARE	1	1	ı	20	13	14		3	16,000	RTU-3D		(3#6) P](
SPARE	-	1	ı	20	15	16	`		-	-		-	
SPARE	1	1	1	20	17	18	60		-	-		-	
SPARE	1	1	1	20	9	20	20	1	1	SPARE		-]
SPARE	1	1		20	21	22	20	1	1	SPARE		-	_
SPARE	1	1	ı	20	23	24	20	1	1	SPARE		-	
SPARE	1	1	1	20	25	26	20	1	1	SPARE		-]
SPARE	1	1		20	27	28	20	1	1	SPARE		-	_
SPARE	1	ı	ı	20	29	30	20	1	1	SPARE		-	
SPARE	1	1	1	20	31	32	20	- 1	-	SPARE		-	
SPARE	1	1	1	20	33	34	20	1	1	SPARE		-	
SPARE	1	1	1	20	35	36	20	1	1	SPARE		-	.]
SPARE	1	-	1	20	37	38	20	١	-	SPARE			
SPARE	1	-	1	20	39	40	20	1	-	SPARE		-	1
SPARE	-	-	1	20	41	42	20		-	SPARE		-	1
TOTAL LOAD	55	,790 \	/A					BA	LANCE	ED LOAD _	<u> 155</u> /	AMP5	
SERVICE	120/2	208 V		<u>3</u>	2H_	<u>4</u> \	N		1	MAINS	400A	M/B_	

PROVIDE DEVICE TO LOCK IN "ON" POSITION. . PROVIDE HACR BREAKER.





LIGHTING FIXTURE SCHEDULE											
MARK	TYPE	MANUFACTURER	MODEL NUMBER	LAMP	VA'S	NOTES					
FI	SURF	METALUX	55F-232-UNV-EB81	(2) 32WT8	70	3					
-	-	-	-	1	1	-					
-	-	-	-	1	1	-					
OFI	WALL	SELECTED BY ARCHITECT	DEC WALL SCONCE	100W MH	100	-					
<u></u>		a. 110-11 1 1-11-1	VD (/0 C			1 4					

PROVIDE MOUNTING BRACKET AND HEADS AS REQUIRED. PROVIDE FACES, MOUNTING AND ARROWS AS REQUIRED.

. T8 FLUORESCENT LAMPS SHALL HAVE A MINIMUM 2800 INITIAL LAMP LUMENS/48", AND BE 3500K WITH A MINIMUM CRI OF 72. BALLASTS SHALL BE ELECTRONIC WITH A THD (20% AND A PF >95%.

LED

10 2, SELF POWERED

4. CONNECT TO LIGHTING CIRCUIT OF ROOM SERVED AHEAD OF LOCAL CONTROL DEVICE UNO. 5. PROVIDE FIXTURE SUPPORT AS REQUIRED BY NEC 410-16(C).

٦	IPE	1200A	M/B	120	3Pł	3PH 4W				
#	MARK	LOAD	AMP5	WIRE	С	Р	F	1	TYPE	
П	RTU-IE	24.7 KVA	68.6	3#4	l"	3	100	80	HACE	
2	RTU-2E	23.2 KVA	64.4	3#4	۱"	3	100	80	HACE	
3	RTU-3E	23.2 KVA	64.4	3#4	۱"	3	100	80	HACE	
4	RTU-4E	23.2 KVA	64.4	3#4	۱"	3	100	80	HACE	
5	RTU-5E	23.2 KVA	64.4	3#4	۱"	3	100	80	HACE	
6	EXIT LIGHTING	IOO VA	-	1	-	Π	20	20	LOCK	
7	TEMP/EM LIGHTING	1570 VA	-	-	-	1	20	20	LOCK	
8	ROOF RECEPTACLES	900 VA	-	1	-	Τ	20	20		
9	-	-	-	1	-	3	-	-		
10	1	-	-	1	-	3	-	-		
Ш	-	-	-	1	-	3	-	-		
12	-	-	-	-	-	3	-	-		
13	-	-	-	1	-	3	-	-		
14	-	-	-	1	-	3	-	-		
15	-	-	-	1	-	3	-	-		
16	-	-	-	-	-	3	-	-		
17	-	-	-	1	-	3	-	-		
18	-	-	-	-	1	3	-	-		
19	-	-	-	-	-	3	-	-		
20	1	-	-	1	1	3	-	-		
		TOTAL	326.2							

DEFINITIONS

DISCONNECT

DISCONNECT EQUIPMENT/DEVICE CONNECTION. WITHDRAW SERVICE(S) BEYOND ADJACENT SURFACE AND CAP. ALLOW ENOUGH ROOM TO FINISH OPENING SIMILAR TO ADJACENT SURFACE. SERVICE(S) THRU FLOOR SHALL BE WITHDRAWN INTO SPACE BELOW. SERVICE(S) THRU CEILING SHALL BE WITHDRAWN INTO CEILING SPACE. CAP SERVICE(S) EXCEPT WHERE IT IS TO BE EXTENDED FOR A NEW SERVICE CONNECTION. DOMESTIC WATER AND SANITARY PIPING DEAD ENDS SHALL BE LIMITED TO 2'-0" (MAX). REMOVE SLEEVES WHERE THEY EXIST AND HOLES FILLED AND FINISH REPAIRED BY THE GENERAL CONTRACTOR. CONDUIT IN SLABS SHALL BE CUT OFF BELOW ADJACENT FINISH AND SHALL HAVE WIRING WITHDRAWN TO NEXT ACCESSIBLE OPENING WHERE OTHER EQUIPMENT OR DEVICES ARE SERVED OR TO THE PANEL WHERE ONLY THIS EQUIPMENT/DEVICE IS SERVED. CONDUIT AND WIRING ABOVE GRADE SHALL BE REMOVED BACK TO PANEL OR POINT OF ORIGIN.

IN MULTI-TENANT BUILDINGS WHERE SERVICES ARE CONTINUED IN A SPACE OR SPACES THAT ARE PART OF ANOTHER TENANT, REMOVE SERVICE(S) TO ITS TERMINATION IN A SPACE CONTROLLED BY THE PROPOSED TENANT OR TO A SPACE CONTROLLED BY THE LANDLORD/MANAGEMENT. COORDINATE THESE TERMINATIONS WITH LANDLORD/MANAGEMENT.

MATERIALS/EQUIPMENT/DEVICES TO BE REMOVED AND NOT RELOCATED OR STORED AS WELL AS CONSTRUCTION MATERIALS ACCUMULATED DURING THE REMOVAL WORK SHALL BE REMOVED AND DISPOSED OF AT THE EXPENSE OF THE RESPECTIVE TRADE. BLANK UP OPENINGS THAT ARE TO BE ABANDONED IN EXISTING WALLS THAT REMAIN.

DUST CONTROL

IN GENERAL, THE DUST CONTROL SHALL BE PROVIDED AND MAINTAINED BY THE GENERAL CONTRACTOR. THIS TRADE SHALL COORDINATE ITS WORK WITH THE GENERAL CONTRACTOR WITH RESPECT TO DUST CONTROL IN THE AREA INDICATED FOR NEW WORK. SPECIAL CONTROL FOR HEALTH AND SAFETY OF WORKERS. FOR WORK OUTSIDE THE AREA REGARDED AS THE NEW WORK AREA, AND AS REQUIRED BY SPECIAL CONDITIONS SHALL BE BY THIS TRADE.

INTERRUPTION OF SERVICES

WORK THAT REQUIRES INTERRUPTION OF SERVICES TO PORTIONS OF THE BUILDING OTHER THAN AREAS IN WHICH THE WORK IS TO BE ACCOMPLISHED SHALL BE COORDINATED WITH THE BUILDING MANAGEMENT AND ACCOMPLISHED DURING THE

GENERAL NOTES

REVIEW EXISTING CONDITIONS AND INCLUDE NECESSARY CHANGES AS A PART OF THE BID. INFORM USERS OF DIFFERENCES.

(E) EXISTING EQUIPMENT/DEVICE TO REMAIN.

NIGHTTIME OR ON WEEKENDS AND AT NO ADDITIONAL COST.

- (ER) EXISTING EQUIPMENT/DEVICE TO BE REMOVED. THIS TRADE SHALL DISCONNECT THE SERVICE(S).
- (END) DISCONNECT EXISTING EQUIPMENT/DEVICE AND ALTER SERVICES FOR NEW EQUIPMENT/DEVICE AT THE SAME LOCATION.
- (ERR) EXISTING EQUIPMENT/DEVICE TO BE REMOVED AND RELOCATED. THIS TRADE SHALL DISCONNECT THE SERVICE(S), CLEAN AND MAKE NECESSARY REPAIRS OR ADJUSTMENTS AS REQUIRED TO FACILITATE THE INSTALLATION AT THE NEW LOCATION.
- (ENL) NEW LOCATION FOR EXISTING EQUIPMENT/DEVICE TO BE REMOVED AND RELOCATED. EXTEND SERVICES IN WALL/BELOW FLOOR/ABOVE CEILING AS REQUIRED TO NEW LOCATION.
- (ED) DISCONNECT EQUIPMENT/DEVICE CONNECTION(S). WITHDRAW SERVICES BEYOND ADJACENT SURFACE AND CAP. ALLOW ENOUGH SPACE TO FINISH OPENING SIMILAR TO ADJACENT SURFACE.
- (EA) EXISTING EQUIPMENT/DEVICE/SERVICE TO BE ABANDONED. DISCONNECT SERVICE(S). ELECTRICAL CONDUITS SHALL HAVE WIRING WITHDRAWN TO NEAREST ACCESSIBLE BOX AND BLANK UP ABANDONED OPENING.
- EXISTING EQUIPMENT TO BE REMOVED. CONNECT TO EXISTING.

ELECTRICAL SYMBOLS AND ABBREVIATIONS

WEATHER PROOF

ABOVE FINISHED FLOOR

GFI GROUND FAULT INTERRUPT

UNLESS NOTED OTHERWISE

(J)/(J)-| JUNCTION BOX/WALL MOUNTED JUNCTION BOX

RECEPTACLE - DUPLEX DISCONNECT - NON-FUSED; F = FUSED

UNIT BATTERY (WALL OR CEILING MOUNTED)

SINGLE-POLE SWITCH, K=KEY, T=THERMAL, P=PILOT, D=DIMMER M=LEVITON ODS 15-ID MOTION SENSING WITH 15 MIN TIME DELAY. V=WATTSTOPPER DSW-100 MANUAL ON WITH 15 MIN TIME DELAY.

THREE-WAY SWITCH

FOUR-WAY SWITCH

LEVITON 02C10-UDW CEILING MOUNTED LINE VOLTAGE DUAL-TECH OCCUPANCY SENSOR TO TURN LIGHTS ON AND

BRANCH CCT PANELBOARD

FIRE ALARM CONTROL PANEL

DUCT SMOKE DETECTOR-INTERLOCK TO SHUT DOWN UNIT. REMOTE INDICATION AND TEST IS REQUIRED.

REMOTE INDICATION AND TEST

AUDIO/VISUAL ALARM MANUAL STATION

DESCRIPTION OF WORK - ELECTRICAL

PROVIDE COMPLETE ELECTRICAL SYSTEMS READY FOR USE AS ITEMIZED, BUT NOT LIMITED TO, AS

DEMOLITION, REMOVAL, AND ALTERATIONS OF EXISTING SYSTEMS AND EQUIPMENT AS REQUIRED, THOUGH NOT SPECIFICALLY INDICATED, TO ACCOMMODATE THE PROPOSED WORK. SEE ARCHITECTURAL DRAWINGS FOR EXTENT OF DEMOLITION AND FIELD VERIFY EXISTING CONDITIONS.

INCOMING SECONDARY ELECTRIC SERVICES INCLUDING PROVISIONS FOR METERING AND SERVICE

PANELS, BREAKERS, CONDUIT, WIRING AND BRANCH CIRCUITS CONNECTING FIXTURES, DEVICES AND

CONNECTION OF PLUMBING AND MECHANICAL EQUIPMENT.

DISCONNECTS, DEVICES, PLATES, AND OTHER REQUIRED EQUIPMENT.

EMPTY CONDUIT SYSTEM FOR TELEPHONE AND DATA.

FIRE ALARM SYSTEM.

LIGHTING FIXTURES AND LAMPS.

RELATED WORK BY OTHER TRADES

TEMPERATURE CONTROL AND INTERLOCK WIRING.

ELECTRIC INSTALLATION NOTES

PROPOSAL PRICE SHALL INCLUDE SPECIFIED MATERIALS ONLY. SHOULD THE CONTRACTOR WISH TO SUBSTITUTE MATERIALS, EQUIPMENT OR MANUFACTURERS, IT SHALL BE DONE BY STATING EACH SUBSTITUTION AND ITS PRICE ADJUSTMENT.

WORK SHALL BE PERFORMED IN ACCORDANCE WITH CODES AND AUTHORITIES HAVING JURISDICTION INCLUDING ADA GUIDELINES.

WORK SHALL BE PERFORMED IN A NEAT WORKMANLIKE MANNER.

PROCURE AND PAY FOR REQUIRED PERMITS AND INSPECTIONS.

THIS TRADE SHALL DO ITS OWN CUTTING AND PATCHING - TRENCHING AND BACKFILLING. CONFER WITH THE OTHER TRADES IN THE COORDINATION OF THIS WORK FOR CLEARANCES, CHASES, RECESSES AND OPENINGS REQUIRED.

THESE DRAWINGS ARE TO BE USED FOR BIDDING ONLY. ROUGH-IN AND FINAL CONNECTION SHALL BE MADE FROM APPROVED EQUIPMENT DRAWINGS ONLY. SIZE AND TYPE OF EQUIPMENT BRANCH OVERCURRENT PROTECTIVE DEVICE(S) SHALL BE AS RECOMMENDED BY THE EQUIPMENT MANUFACTURER - FIELD VERIFY MOCP, ETC.

GUARANTEE THE WORK TO BE FREE FROM DEFECTIVE WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE (I) YEAR FROM DATE OF FINAL CERTIFICATE. ANY REPAIRS OR REPLACEMENT DURING THIS PERIOD SHALL BE MADE WITHOUT COST TO THE OWNER.

PROVIDE AND MAINTAIN TEMPORARY 120/208VIPH-WIRE POWER AND LIGHTING AS REQUIRED FOR THE INTENDED CONSTRUCTION AND IN ACCORDANCE WITH AUTHORITIES HAVING JURISDICTION. WIRE SHALL HAVE 600 VOLT INSULATION, NOT LESS THAN #12 EXCEPT FOR CONTROLS, BE SOLID

COPPER TYPE THHN OR THWN FOR #10 AND SMALLER, AND BE STRANDED COPPER TYPE THHN OR THWN

CONDUIT IN GROUND FOR EXTERIOR FIXTURES AND EQUIPMENT MAY BE PVC (IF PERMITTED BY LOCAL AUTHORITIES). CONDUIT EXPOSED TO WEATHER, IN SLABS ON GRADE, AND WHERE REQUIRED BY CODE SHALL BE HOT DIPPED GALVANIZED INTERMEDIATE METAL CONDUIT WITH WATERPROOF FITTINGS AND

APPROVED COMPOUND. CONDUIT ELSEWHERE SHALL BE EMT WITH COMPRESSION OR SET SCREW IN UNFINISHED AREAS DEVICES AND PLATES SHALL BE IVORY. FINISH OF DEVICES AND PLATES IN

FINISHED AREAS SHALL BE SELECTED BY ARCHITECT.

LEVITON CSB1-20-W - SWITCH LEVITON CSB3-20-W - SWITCH 3-WAY LEVITON CSB4-20-W - SWITCH 4-WAY LEVITON BR20W - RECEPTACLE

LEVITON 8300-LIG - ORANGE IG RECEPTACLES (20A) LEVITON IP SERIES - DIMMERS - MATCH LOAD AND LAMP TYPES MOUNTING HEIGHTS:

RECEPTACLES I'-6" AFF (INDOOR) INCLUDING TELEPHONE OUTLETS

GROUPS OF 2 OR LESS NEED NOT BE IDENTIFIED.

LEVITON 8898-HG-W - GFI RECEPTACLE

0'-4" ABOVE COUNTER BACKSPLASH IDENTIFY DISCONNECTS, STARTERS, PANIELS, SWITCHBOARDS, DIMMERS AND SWITCHES WITH WHITE FACED/BLACK LETTERED MICARTA PLATE 3/4" HIGH WITH 1/4" LETTERING. DIMMERS AND SWITCHES IN

SWITCHES SHALL BE SQUARE D QMB GENERAL DUTY (240V) WITH BUSSMAN DUAL ELEMENT FUSES AS REQUIRED. PROVIDE 2 SPARE SETS OF FUSES FOR EVERY FUSE SIZED AT 100A AND LARGER. DISTRIBUTION PANELS AND CIRCUIT BREAKERS SHALL BE SQUARE D TYPE I-LINE (WITH DOOR). BRANCH PANIELS AND CIRCUIT BREAKERS SHALL BE SQUARE D TYPE NQ(240V). PANIELS SHALL HAVE COPPER BUS AND BREAKERS SHALL BE BOLT ON TYPE. (PROVIDE SWITCHING DUTY BREAKERS FOR LIGHTING CIRCUITS SWITCHED AT THE PANEL.) PROVIDE ACCURATE TYPED PANEL SCHEDULE FOR EACH PANEL.

ELECTRICAL EQUIPMENT SHALL HAVE A MINIMUM OF 65,000 AMP INTERRUPTING CAPACITY UNLESS NOTED OTHERWISE ON DRAWINGS, OR THE EQUIPMENT MANUFACTURER PROVIDES DETAILED MINIMUM AIC CALCULATIONS JUSTIFYING THE RATINGS OF THE EQUIPMENT SUBMITTED. PROVIDE A COMPLETE ELECTRICALLY SUPERVISED AUTOMATIC FIRE ALARM SYSTEM INCLUDING WIRING

TO INDOOR BELL, OUTDOOR BELL, OUTDOOR VISUAL, WATER FLOW ALARM(S), TAMPER SWITCHES, AND "CITY TIE." EQUIPMENT SHALL BE RELIABLE. DUCT DETECTORS SHALL HAVE REMOTE INDICATION/TEST AND SHUT DOWN THE ASSOCIATED MECHANICAL EQUIPMENT.

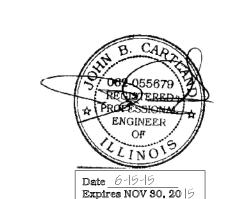
EXTERIOR EQUIPMENT SHALL BE NEMA 3R AND FLEXIBLE CONNECTIONS MADE WITH GRAY LIQUID TIGHT FLEXIBLE METAL CONDUIT.

THE FOLLOWING ITEMS SHALL REQUIRE SUBMITTAL FOR REVIEW (6 COPIES):

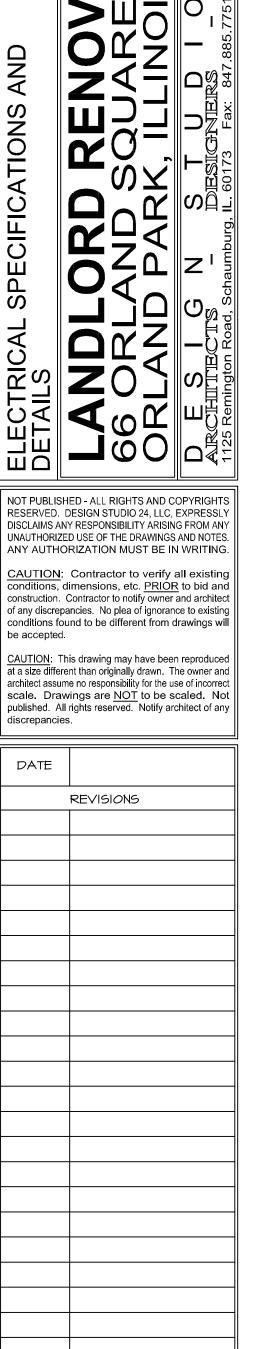
LIGHTING FIXTURES.

PANELS AND BREAKERS.

FIRE ALARM SYSTEM.







8-31-15 | ELEC SERVICE REV

4-7-15 | ISSUE FOR PERMIT

A. GILLEY

STATEMENT OF COMPLIANCE

have prepared, or caused to be prepared

under my supervision, the attached plans and

specifications and state that, to the best of my

knowledge and belief and to the extent of my

contractural obligation, they are in compliance with

the Codes and Ordinances of Orland Park, Illinois.

STATEMENT OF COMPLIANCE I have prepared, or caused to be prepared

under my supervision, the attached plans and

specifications and state that, to the best of my knowledge and belief and to the extent of my contractural obligation, they are in compliance with ch 111 1/2, pars 3711 at seq as amended} and the Illinois Accessibility Code, 71 ii, Adm, Code 400

Mark T. DiGanci

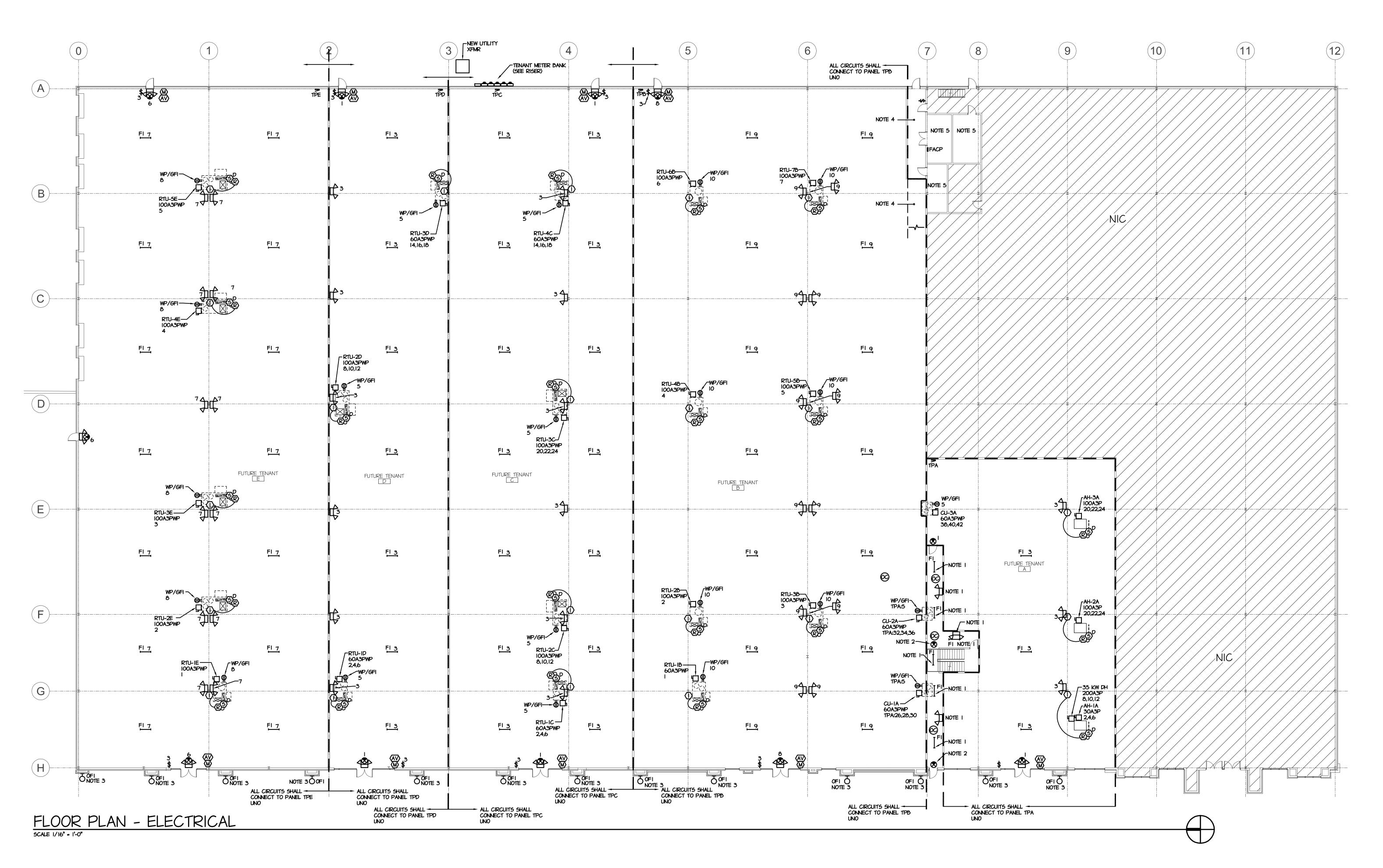
REG. ARCHITECT

LICENSE EXPIRES: 11.30.2016

PERMIT REVISIONS

6-15-15

SCALE



PLAN NOTES

REFERENCE LIMITED WORK.

CONNECT TO EXISTING CONSTANT ON CORRIDOR LIGHTING CIRCUIT ON LANDLORD PANEL CURRENTLY SERVING THIS AREA, NOT TO EXCEED 80% OF THE RATED CAPACITY OF THE BREAKER. PROVIDE ADDITIONAL CIRCUITS AS REQUIRED.

CONNECT TO EXISTING EXIT LIGHTING CIRCUIT ON LANDLORD PANEL CURRENTLY SERVING THIS AREA, NOT TO EXCEED 80% OF THE RATED CAPACITY OF THE BREAKER. PROVIDE ADDITIONAL CIRCUITS AS DECLURED.

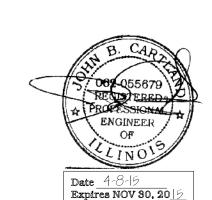
5. EXISTING SPRINKLER, MAIN ELECTRIC AND CARSON'S FURNITURE ELECTRIC ROOMS FOR

CIRCUITS AS REQUIRED.

3. CONNECT TO EXISTING PHOTOCELL/TC CONTROLLED BUILDING FACADE CIRCUIT ON LANDLORD PANEL CURRENTLY SERVING THIS AREA, NOT TO EXCEPT 80% OF THE RATED CAPACITY OF THE

BREAKER. PROVIDE ADDITIONAL CIRCUITS AS REQUIRED.

4. EXISTING EGRESS CORRIDOR TO BE SHORTED. REWORK SWITCHING AS SHOWN.





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DATE **REVISIONS**

4-7-15 ISSUE FOR PERMIT

SCALE DRAWN BY: A. GILLEY

> STATEMENT OF COMPLIANCE I have prepared, or caused to be prepared under my supervision, the attached plans and specifications and state that, to the best of my knowledge and belief and to the extent of my contractural obligation, they are in compliance with the Codes and Ordinances of <u>Orland Park</u>, Illinois.

STATEMENT OF COMPLIANCE I have prepared, or caused to be prepared under my supervision, the attached plans and specifications and state that, to the best of my knowledge and belief and to the extent of my contractural obligation, they are in compliance with the Environmental Barriers Act (II Rev Stat 1985, ch 111 1/2, pars 3711 at seq as amended} and

