

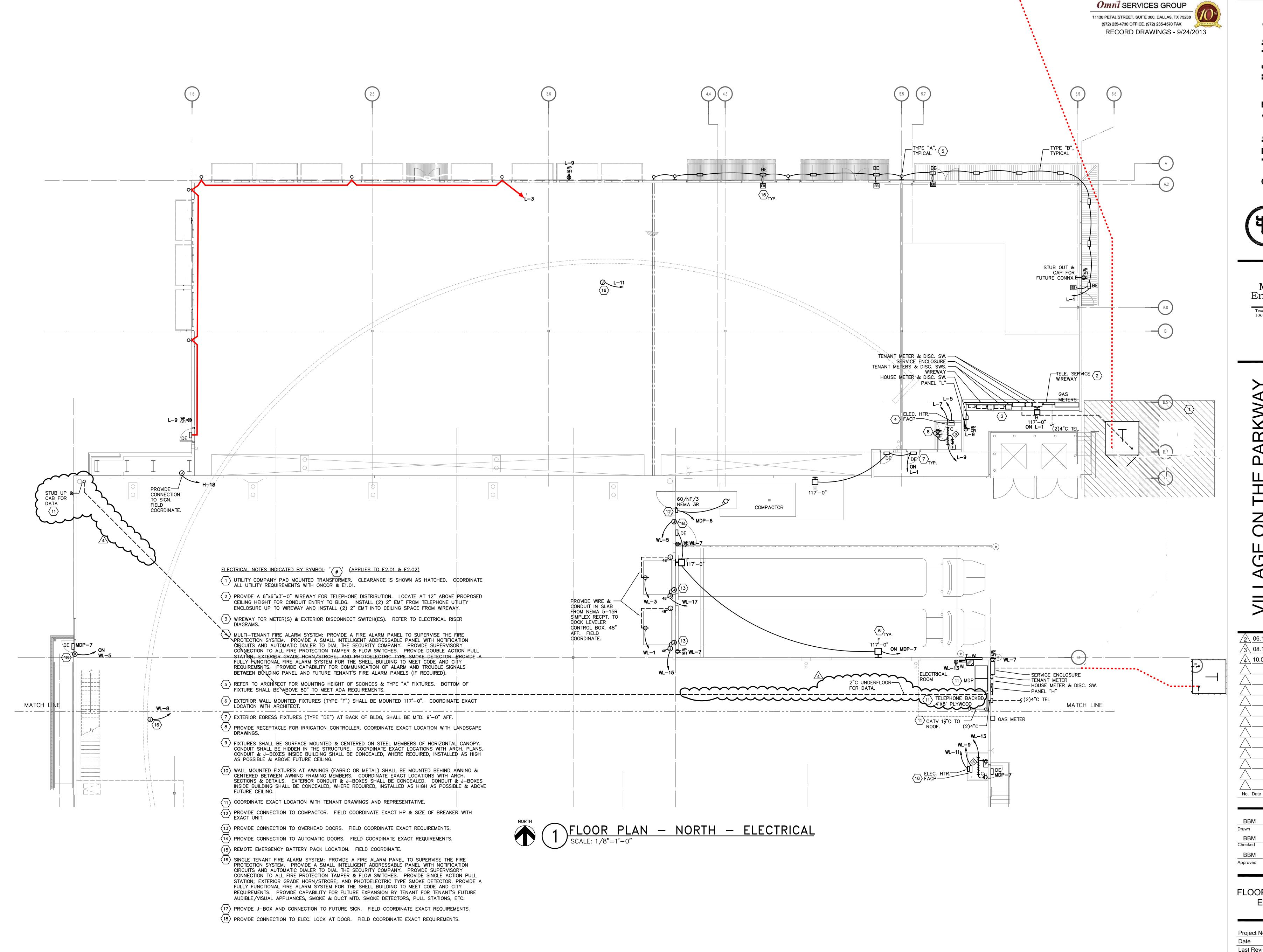
Texas Firm Registr. F005219 10601 FM 2222, Suite R-128 Austin, TX 78730 Austin: 512.870.8450

Dallas: 214.613.0501

SITE PLAN -ELEC. & PLUMBING

11013.03 05.25.12

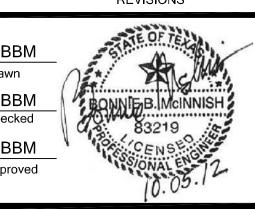
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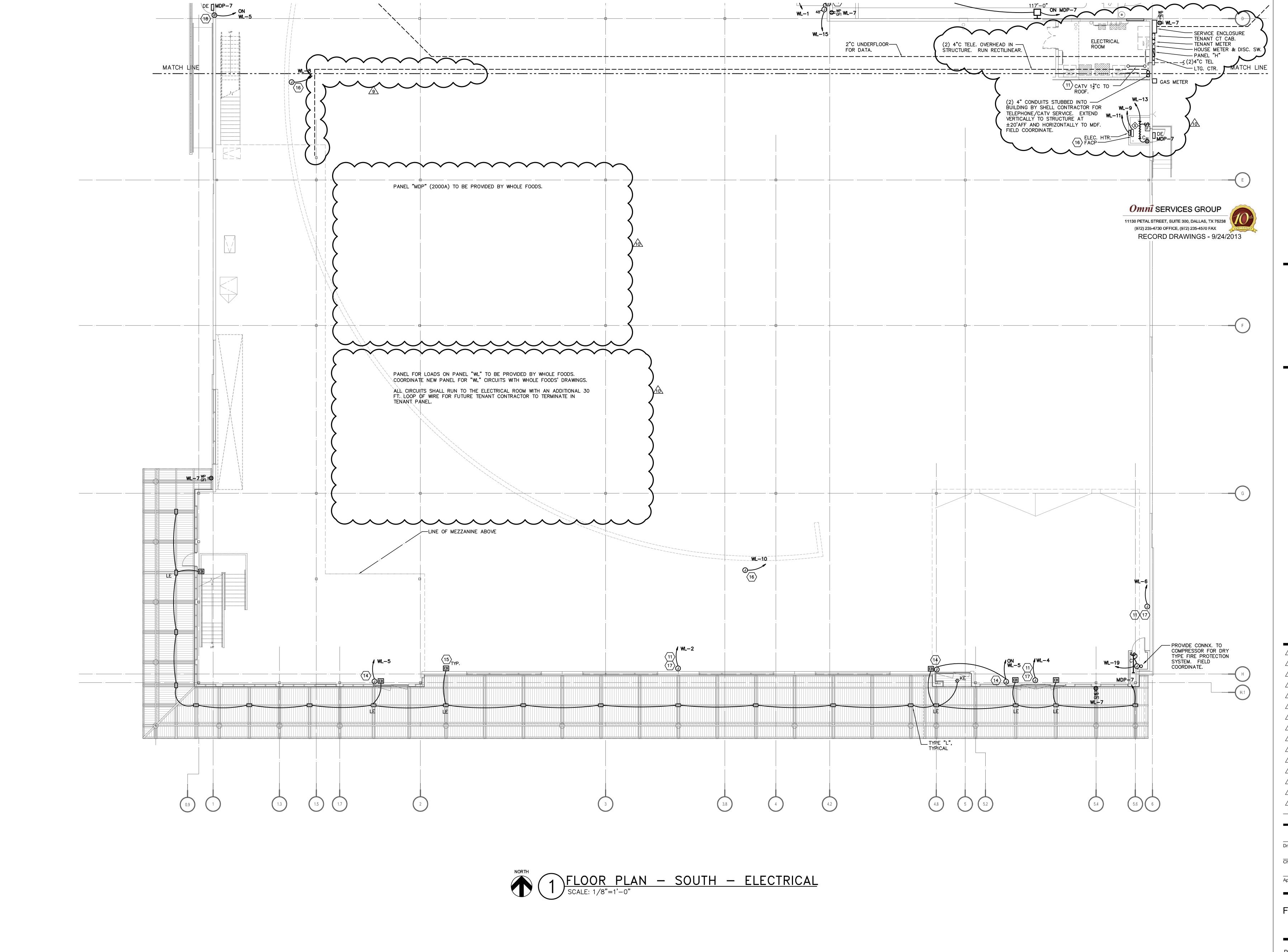
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2 \ 06.14.12 Addendum #2 08.17.12 ASI#1 10.07.12 ASI #2 No. Date



FLOOR PLAN - NORTH **ELECTRICAL**

11013.03 Project No. 05.25.12 Last Revision 10.07.12 E2.01





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2 06.14.12 Addendum #2 /7\ 11.15.12 ASI #5 /8\ 12.07.12 ASI #6 10 01.22.13 ASI #8 REVISIONS

FLOOR PLAN - SOUTH ELECTRICAL

Project No.

Date

Last Revision 05.25.12 E2.02

SEE NOTE #3

REFER TO DETAIL 2 ON SHEET E4

FIRE ALARM CONTROL PANEL

UNLESS NOTED OTHERWISE

ELECTRICAL GENERAL SPECIFICATION NOTES

G1. CONTRACTOR RESPONSIBILITY: THE ELECTRICAL NOTES, SPECIFICATIONS, AND PLANS ("THE DOCUMENTS") ADDRESS THE REQUIREMENTS AND RESPONSIBILITIES OF THE ELECTRICAL CONTRACTOR. UNLESS NOTED OTHERWISE, THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL WORK OF AN ELECTRICAL NATURE. THE TERM "PROVIDE" USED IN THESE DOCUMENTS SHALL BE DEFINED AS "FURNISH AND INSTALL."

G2. COMPLETE SYSTEMS: PROVIDE LABOR, MATERIALS, EQUIPMENT, AND TRANSPORTATION TO RECEIVE, INSTALL, ADJUST, AND PUT INTO OPERATION COMPLETE ELECTRICAL SYSTEMS IN ACCORDANCE WITH THE INTENT OF THE CONTRACT DOCUMENTS. PROVIDE PRODUCTS NOT MENTIONED BUT OBVIOUSLY NECESSARY AND INCIDENTAL TO THE COMPLETION OF THIS WORK.

G3. SCOPE: WORK SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING: POWER DISTRIBUTION AND LIGHTING.

G4. UTILITIES: COORDINATE WITH ALL BUILDING SERVICES AS REQUIRED. NOTIFY LANDLORD OF COMMENCEMENT OF WORK. PROVIDE ALL WORK AND MATERIALS NECESSARY TO COMPLY WITH ALL UTILITY COMPANY REGULATIONS AND REQUIREMENTS. G5. PERMITS: OBTAIN ALL NECESSARY PERMITS TO BEGIN AND CONTINUE WITH WORK. PAY ALL ASSOCIATED FEES FOR PERMITS AND OTHER MUNICIPAL AND GOVERNING REQUIREMENTS.

G6. EXPERIENCE: ALL WORK DONE SHALL BE PERFORMED BY QUALIFIED ELECTRICIANS UNDER THE SUPERVISION AND DIRECTION OF A SUPERINTENDENT HAVING SUCCESSFUL EXPERIENCE INSTALLING AND SUPERVISING EQUIPMENT AND SYSTEMS OF SIMILAR TYPE AND SIZE AS INDICATED BY CONTRACT DOCUMENTS.

G7. REGULATIONS: ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH CURRENT RULES, REGULATIONS, AND INDUSTRY STANDARDS OF THE 2008 NATIONAL ELECTRICAL CODE (NEC), UL, NEMA, NFPA, OSHA, NATIONAL ELECTRICAL SAFETY CODE, 2009 INTERNATIONAL ENERGY CONSERVATION CODE, 2009 IBC, ADA, AND ANY LOCAL CODES, LAWS OR ORDINANCES. IN THE EVENT THAT A DISCREPANCY IS FOUND IN THE CONTRACT DOCUMENTS, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY.

G8. COSTS AND CONDITIONS: EXAMINE AND BECOME FAMILIAR WITH ALL CONTRACT DOCUMENTS IN THEIR ENTIRETY. SURVEY THE PROJECT AND BECOME FAMILIAR WITH EXISTING CONDITIONS AND SCOPE OF WORK. ALL COSTS SUBMITTED SHALL BE BASED ON A THOROUGH KNOWLEDGE OF ALL WORK AND MATERIALS REQUIRED. ANY ADDITIONAL COSTS DUE TO FAILURE TO COMPLY WITH THIS REQUIREMENT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

G9. SPECIFICATIONS: BECOME FAMILIAR WITH ALL SPECIFICATIONS, INSTALLATION REQUIREMENTS, AND EQUIPMENT REQUIREMENTS PRIOR TO ANY EQUIPMENT PURCHASE OR INSTALLATION. REFERENCE SPECIFICATIONS FOR DEVICES, MATERIALS, AND WORKMANSHIP REQUIREMENTS. ADDITIONAL REQUIREMENTS ARE GIVEN IN THESE NOTES AND THE DRAWINGS. THERE SHALL BE NO DEVIATIONS FROM SPECIFICATIONS WITHOUT THE APPROVAL OF THE ARCHITECT AND THE ENGINEER.

G10. COORDINATION: COORDINATE WORK AND SCHEDULING WITH ALL OTHER TRADES. GIVE SPECIAL CONSIDERATION TO COORDINATING INSTALLATION OF LIGHTING, & PLUMBING PIPING. VERIFY EXACT LOCATION, COLOR, AND FINISH OF LIGHT FIXTURES WITH THE ARCHITECT.

G11. PRODUCTS: ALL PRODUCTS SHALL BE NEW (UNLESS NOTED OTHERWISE), U.L. APPROVED, AND OF A SPECIFICATION GRADE. PROVIDE THE STANDARD PRODUCTS OF MANUFACTURERS REGULARLY ENGAGED IN THE PRODUCTION OF SPECIFIED PRODUCTS, UNLESS OTHERWISE REQUIRED BY DRAWINGS. ALL PRODUCTS SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH NATIONALLY RECOGNIZED AND ACCEPTED STANDARDS AND PROCEDURES. COMPLY WITH ALL MANUFACTURERS' REQUIREMENTS AND RECOMMENDATIONS. CONTRACTOR SHALL NOT MAKE PRODUCT SUBSTITUTIONS WITHOUT PRIOR APPROVAL.

G12. IDENTIFICATION: ALL PANELBOARDS AND CIRCUIT BREAKERS, SHALL BE IDENTIFIED AS INDICATED IN THE CONTRACT DOCUMENTS.

G13. BRANCH CIRCUIT IDENTIFICATION: EACH BRANCH CIRCUIT OVERCURRENT PROTECTION DEVICE SHALL BE IDENTIFIED BY CIRCUIT NUMBER AND TYPED SCHEDULED INSIDE PANEL DOOR. EACH BRANCH CIRCUIT TERMINATION SHALL BE IDENTIFIED BY PANEL AND CIRCUIT DESIGNATION SHOWN ON THE JUNCTION OR OUTLET BOX. OR UPON INDIVIDUAL WIRES IN CASES WHERE MORE THAN ONE OF EACH PHASE CONDUCTOR OCCUR. EACH CONDUCTOR TERMINATION SHALL BE IDENTIFIED BY NUMBER AT EACH DEVICE. INSIDE BOX. ON WIRE BY APPROVED MEANS.

G14. WIRING: ALL CONDUCTORS CARRYING GREATER THAN 50 VOLTS SHALL BE MINIMUM #12 AWG, SOLID COPPER, SOFT DRAWN OF 98% CONDUCTIVITY, UNLESS NOTED OTHERWISE. CONDUCTORS OF SIZE #8 AWG OR LARGER SHALL BE CONCENTRIC LAY STRANDED. PROVIDE MINIMUM #14 AWG CONDUCTORS, CARRYING LESS THAN LINE VOLTAGE, FOR COMMUNICATIONS, CONTROLS, OR LOW VOLTAGE LIGHTING, UNLESS NOTED OTHERWISE.

G15. INSULATION: PROVIDE TYPE THHN/THWN OR THW, TYPE INSULATION COORDINATE INSULATION TYPES WITH CONDITIONS, NEC REQUIREMENTS, AND CONDUIT FILL REQUIREMENTS. ALL WIRING SIZES ARE BASED ON 60C OR 75C INSULATION ACCORDING TO CURRENT, REGARDLESS OF ACTUAL INSULATION USED. COMPLY WITH ALL UL "GREEN BOOK" REQUIREMENTS. REFERENCE CONDUIT NOTES BELOW. G16. NEUTRALS: SIZE ALL NEUTRALS FULL UNLESS SPECIFICALLY REDUCED ON

G19. GROUNDING: ALL CIRCUITS SHALL BE RUN WITH A MINIMUM #12 AWG INSULATED GREEN COPPER EQUIPMENT GROUND WIRE, UNLESS OTHER WIRE SIZE IS NOTED. USE OF CONDUIT AS SOLE GROUND IS UNACCEPTABLE. DO NOT BOND NEUTRAL TO GROUND AT ANY POINT IN THIS INSTALLATION. WHERE ISOLATED GROUND RECEPTACLES ARE SHOWN, PROVIDE AN ADDITIONAL #12 GROUND WIRE (IG).

G20. CONDUIT: ALL WIRING SHALL BE IN METAL CONDUIT. MINIMUM 1/2" EMT CONDUIT IS ACCEPTABLE INDOORS FOR SIZES UP TO 3" IN DIAMETER. MINIMUM 1/2' FLEXIBLE METAL CONDUIT IS ACCEPTABLE ONLY WITH SEPARATE INSULATED GROUND WIRE FOR BRANCH CIRCUITS (MC CABLE). ENT, ALUMINUM CONDUIT, NM ("ROMEX"), NMC, AND SNM ARE NOT ACCEPTABLE.

G21. ROUTING: CONDUIT ROUTING SHOWN IS SYMBOLIC AND DIAGRAMMATIC. INSTALL CONDUIT TO FIT ACTUAL FIELD CONDITIONS. COORDINATE ROUTING IN FIELD WITH ACTUAL CONDITIONS. RUN ALL CONDUIT RECTILINEAR AND IN A NEAT WORKMANLIKE MANNER . CONDUIT SHALL NOT BE RUN IN OR THROUGH DUCTWORK. G22. FITTINGS: USE ONLY FITTINGS APPROPRIATE FOR TYPES OF CONNECTIONS TO BE MADE. ALL FITTINGS SHALL BE COMPRESSION OR THREADED TYPE. USE OF SET SCREW FITTINGS IS ACCEPTABLE ONLY IF APPROVED BY LOCAL AUTHORITIES. FITTINGS FOR PVC, WHEN ALLOWED, SHALL BE APPROVED FOR USE WITH PVC AND WATERTIGHT. ALL FITTINGS MADE BELOW GRADE SHALL BE WATERTIGHT.

ELECTRICAL GENERAL SPECIFICATION NOTES, CONTINUED G23. CONDUIT FILL: CONDUIT FILL IS CALCULATED BASED ON TYPE THW INSULATION AND CONCENTRIC STRANDED CONDUCTORS. IF ALTERNATE CONDUIT SIZING IS DESIRED BY CONTRACTOR BASED ON THHN INSULATION, CONTRACTOR IS RESPONSIBLE FOR CALCULATING ALTERNATE CONDUIT SIZES, SUBJECT TO APPROVAL BY ENGINEER.

G24. CIRCUIT BREAKERS: ALL BRANCH CIRCUIT OVERCURRENT PROTECTION DEVICES (CIRCUIT BREAKERS) SHALL BE INVERSE TIME THERMAL MAGNETIC BOLT-ON CIRCUIT BREAKERS, RATED 20 AMPERES, UNLESS OTHER AMPACITY IS NOTED. MULTI-POLE BREAKERS SHALL BE INTEGRAL UNITS. USE OF HANDLE TIES IS NOT ACCEPTABLE. CIRCUIT BREAKERS FOR LIGHTING CIRCUITS SHALL BE RATED FOR USE AS A SWITCH. CIRCUIT BREAKER MANUFACTURER SHALL BE THE SAME AS THE EXISTING PANELBOARD.

G25. BRANCH CIRCUIT AND LIGHTING PANELBOARDS: PANELBOARDS SHALL CONSIST OF A BOX, FRONT, INTERIOR, AND CIRCUIT PROTECTIVE DEVICES AND BE MANUFACTURED IN ACCORDANCE WITH NEMA AND UL. THE DEAD FRONT INTERIOR SHALL HAVE A MAXIMUM OF 42-POLES WITH COPPER BUSSING, COPPER NEUTRAL AND GROUND BARS. CIRCUIT BREAKERS SHALL BE AS REQUIRED BELOW AND SHALL BE FULLY AIC RATED. SERIES RATING IS NOT ACCEPTABLE. PANELBOARDS DESIGNED FOR 14KAIC, 277/480V, 3-PHASE, 4-WIRE SERVICE SHALL BE SIEMENS SENTRON SERIES, BOLT-IN BRANCH BREAKERS OR EQUAL.

G26. LOADING: ELECTRICAL LOADS SHALL BE APPROXIMATELY BALANCED ACROSS ALL THREE PHASES WITH 10% VARIANCE.

G27. LOW VOLTAGE REQUIREMENTS: PROVIDE CONDUIT UP TO ACCESSIBLE CEILING FOR DATA, TELEPHONE, SPEAKERS, BELL SYSTEMS AND ETC. COORDINATE ROUTING

LOCAL REGULATIONS AND ORDINANCES.

G29. PROJECT RECORD DOCUMENTS: UPON COMPLETION OF WORK, PREPARE LIGHTING AND POWER PROJECT RECORD DOCUMENTS ("AS-BUILTS") ON A SUITABLE REPRODUCIBLE MEDIUM. PRESENT COMPLETED DRAWINGS TO OWNER. "AS-BUILT" DRAWINGS SHALL INCLUDE ALL BRANCH CIRCUIT WORK, ALL PANELBOARD INFORMATION

¬DINATE WITH ALL

G30. WARRANTY: WARRANT ALL MATERIALS, EQUIPMENT, AND INSTALLATION FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE BY TENANT.

AVAILABLE, AND ALL SUBMITTAL AND SHOP DRAWING MATERIALS.

GENERAL LIGHTING NOTES

L1. FIXTURES TYPES: IN GENERAL, FIXTURE TYPES ARE TO BE AS SPECIFIED OR APPROVED EQUAL. VERIFY REQUIREMENTS WITH ARCHITECT.

L2. DESIGNATIONS: REFERENCE LIGHTING FIXTURE SCHEDULE FOR COMPLETE DESCRIPTION OF EACH FIXTURE TYPE. LIGHT FIXTURES ARE IDENTIFIED BY LETTERS AND SYMBOLS.

L3. FIXTURE LOCATIONS: REFERENCE ARCHITECTURAL PLANS & ELEVATIONS FOR EXACT LOCATIONS OF LIGHT FIXTURES. COORDINATE INSTALLATION IN FIELD WITH ARCHITECT.

PANEL	Н										* INDI	CATES 2#12, #12	G, 3/4"C
	MAIN SIZE: AIC RATING:							CE				/480 V 3PH, NEMA 3R	4W
				KVA					KVA				
SERVES	FEEDER	TRIP	Α	В	С			Α	В	С	TRIP	FEEDER	SERVES
SITE LTS - EAST	2#12,#12G,1"C	20-2	3.27			1	2	2.45			20-2	2#12,#12G,1"C	SITE LTS - NORTH
_		_		3.27		3	4		2.45		_		_
SITE LTS - SOUTH	2#12,#12G,1"C	20-2			2.05	5	6			2.30	20-2	2#12,#12G,1"C	SITE LTS - FAR EAST
_		_	2.05			7	8	2.30			_		
SITE LTS - SOUTH	2#12,#12G,1"C	20-2		2.45		9	10		1.00		20-1	2#10,#10G,1"C	SITE SIGN - FAR EAS
_		_			2.45	11	12			1.00	20-1	*	SITE SIGN - EAST
SITE LTS - WEST	2#12,#12G,1"C	20-2	1.227			13	14	1.00			20-1	2#8,#10G,1"C	SITE SIGN - FAR S.E.
_		_		1.227		15	16		0.77		20-1	*	LTS - CANOPY
SITE SIGN - WEST	2#10,#10G,1"C	20-1			1.00	17	18			1	20-1	*	SIGN - BLDG TWR
SPARE		20-1				19	20				20-1		SPARE
SPARE		20-1				21	22				20-1		SPARE
SPARE		20-1				23	24				20-1		SPARE
SPACE ONLY						25	26						SPACE ONLY
SPACE ONLY						27	28						SPACE ONLY
SPACE ONLY						29	30						SPACE ONLY
DEMAND KV	'A: 41.6											DEMAND AMPS	50.1

PANEL	L										* INDI	CATES 2#12, #12	G, 3/4"C
	MAIN SIZE: AIC RATING:				TYPE: NTING:							/208 V 3PH, NEMA 3R	4W
				KVA					KVA				
SERVES	FEEDER	TRIP	Α	В	С			Α	В	С	TRIP	FEEDER	SERVES
SCONCE-EAST, WALL	*	20-1	0.87			1	2						SPACE ONLY
SCONCE-WEST	*	20-1		0.61		3	4						SPACE ONLY
ELEC. HTR.	*	20-1			1.5	5	6						SPACE ONLY
FIRE ALARM PANEL	*	20-1	0.5			7	8						SPACE ONLY
LTS/RECPT - FIRE SP.	*	20-1		0.79		9	10						SPACE ONLY
SIGN-ROOF	*	20-1			0.50	11	12						SPACE ONLY
DEMAND KVA:	5.5											DEMAND AMPS:	15.1

TYPE	DESCRIPTION	CATALOG NO.	LAMP	VOLTAGE	REMARKS
SA	SITE POLE MOUNTED FIXTURE	GARDCO #HPV23-3-5XVF-750PSMH-BRP	(1) 750W PSMH	480V, 1PH	1
	WITH 3 HEADS, TYPE V, 30' POLE	POLE: KW #SSP30-5.0-7-DM3090-BC-BRP			2, 3
SB	SITE POLE MOUNTED FIXTURE	GARDCO #HPV23-2-5XVF-750PSMH-BRP	(1) 750W PSMH	480V, 1PH	1
	WITH 2 HEADS, TYPE V, 30' POLE	POLE: KW #SSP30-5.0-7-DM2180-BC-BRP			2, 3
SC	SITE POLE MOUNTED FIXTURE WITH	GARDCO #HPV23-1-3XVF-750MH-BRP	(1) 750W PSMH	480V, 1PH	1
	1 HEAD, TYPE III, 30' POLE	POLE: KW #SSP30-5.0-11-DM10-BC-BRP			2, 3
SD	SITE POLE MOUNTED FIXTURE WITH	EMCO #ECA18-1-3H-400PSMH-BRP	(1) 400W PSMH	480V, 1PH	1
	1 HEAD, TYPE III, 30' POLE	POLE: KW #SSP30-5.0-11-DM10-BC-BRP			2, 3
SE	EXISTING POLE MOUNTED FIXTURE	EXISTING	(5) CFL LAMPS		1
	5 SPHERE HEADS, 12'+/- POLE				2, 3
SF	SITE POLE MOUNTED FIXTURE WITH	EMCO #ECA18-1-QH-400PSMH-BRP	(1) 400W PSMH	480V, 1PH	1
	1 HEAD, TYPE V, 30' POLE	POLE: KW #SSP30-5.0-11-DM10-BC-BRP			2, 3

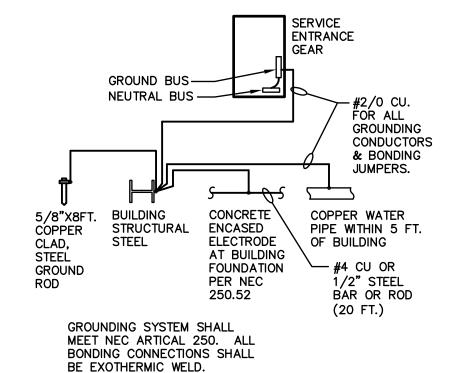
DARK BRONZE PAINT - EXIST. CENTER FIXTURES ARE DRB.

- CONTRACTOR TO COORDINATE DRILLING OF POLES.
- PAINT COLOR OF POLES SHALL MATCH FIXTURE COLOR.
- U.L. DAMP LOCATION LISTED

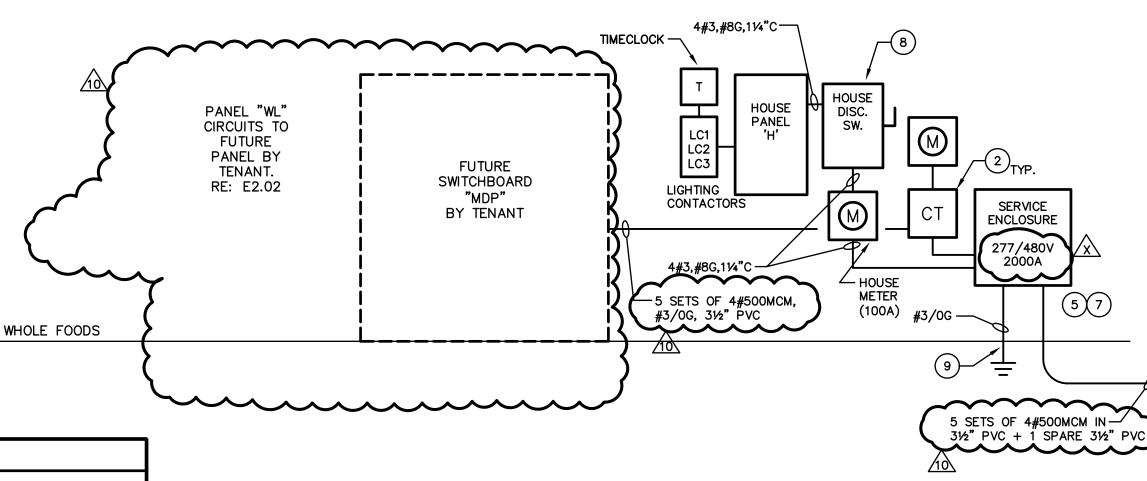
BUILI	DING LIGHTING FIXTURE SCHEDULE		MCINNISH ENGINEERING,	PLLC	
TYPE	DESCRIPTION	CATALOG NO.	LAMP	VOLTAGE	REMARKS
Α	ASYMMETRICAL SCONCE	BEGA #	(1) 42W CFTRT	UNIV.	1
		6890-P-BRZ	835		
В	EXTERIOR SURFACE MTD.	BEGA #	(1) 32W CFTRT	UNIV.	1, 3
	RECTANGULAR FIXTURE	2709-P-BRZ	835		
BE	SAME AS "B", EXCEPT WITH CONTR.	BODINE #B94CG OR AS		UNIV.	1, 3
	WIRED REMOTE EMERG. BALLAST	REQUIRED			
С	4' STRIP W/EM. BATTERY	DAY-BRITE #	(1) F32T8	120	1, 3
	CHAIN HUNG	T-132-277-FKR-126-EM	735		
D	TRAPEZOIDAL SCONCE, SMALL	GARDCO #	(1) 32W CFTRT	120-277	1, 3
DE	MEDIUM THROW (INTEGRAL EM BALL.)	111-MT-32TRV-UNV-BRP-(EM)	835		
F	TRAPEZOIDAL SCONCE, LARGE	GARDCO #	(1) BT28/E28	120/208/	1
	FORWARD THROW	141-FT-250MH-QUAD-BRP	250W MH	240/277	
G	BULLET LIGHT, WALL MTD.	BEGA #	(1) 32W CFTRT	UNIV.	1
		6585P-BRZ	835		
GE	SAME AS "G", EXCEPT WITH CONTR.	BODINE #B94CG OR AS		UNIV.	1, 3
	WIRED REMOTE EMERG. BALLAST	REQUIRED			
Н	TRAPEZOIDAL SCONCE, SMALL	GARDCO #	(1) 70W MH	120	1
	WIDE THROW	111-WT-70MH-120-BRP			
KE	RECESSED 6" DOWNLIGHT	OMEGA #	(1) 32W CFTRT	UNIV.	1, 3
	W/INTEGRAL EMERG. BALLAST	S6-1H32PLT-IE-U-T6-1H-CSS-IE	835		
L	EXTERIOR PENDANT	PER WHOLE FOODS SPEC.	(1) 32W CFTRT	277	1, 3
(LE)	W/CONTR. WIRED REMOTE EMERG.	INTRIGUE #ELPM-32CFL-GRY-277	835		
	BALLAST	WITH IOTA #1420-EM-A			

COLOR SELECTION DARK BRONZE PER ARCHITECT. COORDINATE LAMP WITH MANUFACTURER'S REQUIREMENTS - ALL FIXTURES.

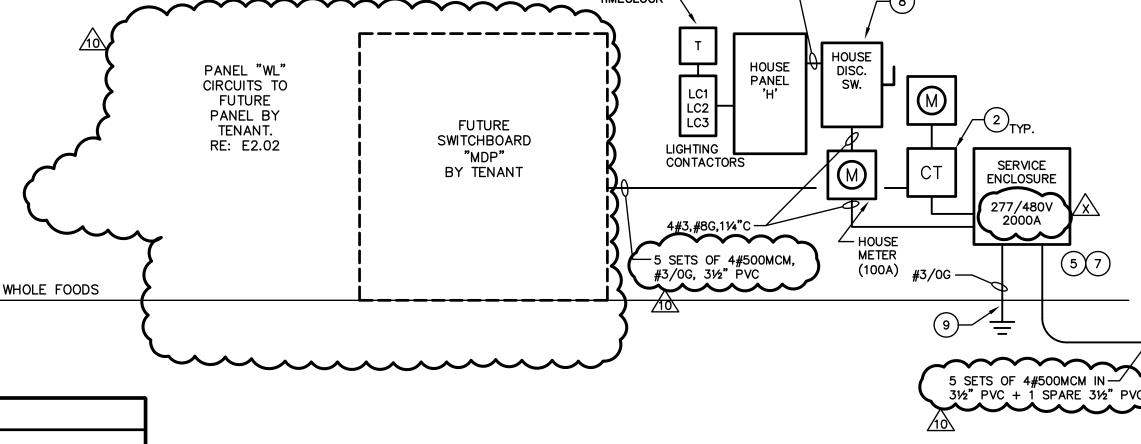
PROVIDE EMERGENCY BATTERY BALLAST (90 MIN.) FOR FIXTURES INDICATED AS CROSS-HATCHED OR WITH "E" DESIGNATION.



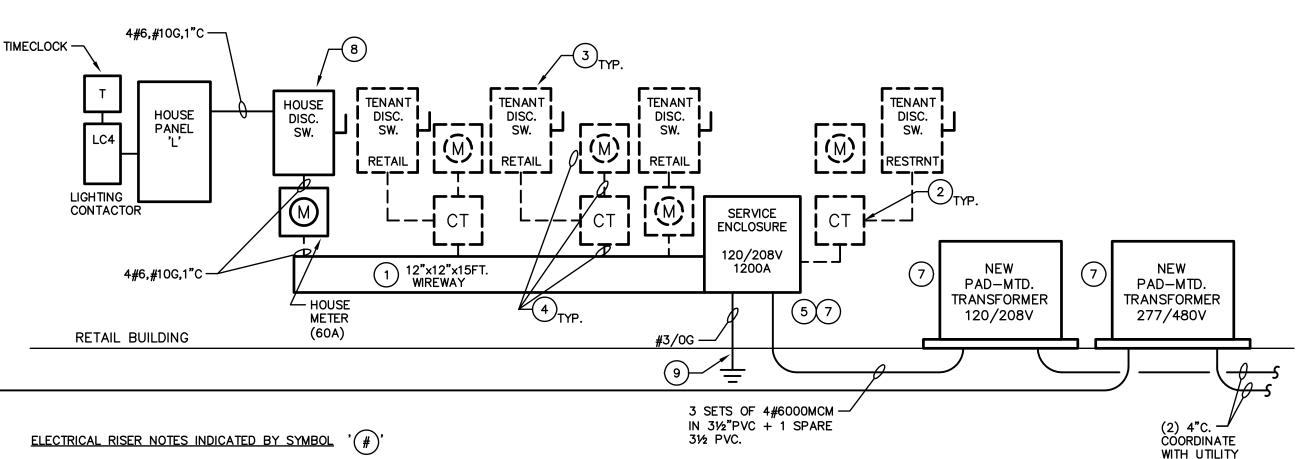
GROUNDING SYSTEM DETAIL



LIGH1	ING CONTACTOR SCHEDULE			
NAME	DESCRIPTION	CONTACTOR TYPE	CIRCUIT NUMBERS	CONTROL
LC1	SITE LIGHTS	ELECTRICALLY HELD	H-1,3,5,7,9,11,13,15	DUSK ON VIA PHOTOCELL
		10 POLE, NEMA 3R	SP, SP	NIGHT OFF VIA TIMECLOCK 1
LC2	SITE & CANOPY LIGHTS	ELECTRICALLY HELD	H-2,4,6,8,16	DUSK ON VIA PHOTOCELL
		6 POLE, NEMA 3R	SP	NIGHT OFF VIA TIMECLOCK 1
LC3	SIGN LIGHTS	ELECTRICALLY HELD	H-17,10,12,14,18	DUSK ON VIA PHOTOCELL
		6 POLE, NEMA 3R	SP	NIGHT OFF VIA PHOTOCELL
LC4	CANOPY LIGHTS	ELECTRICALLY HELD	L-1,3	DUSK ON VIA PHOTOCELL
		4 POLE, NEMA 3R	SP, SP	NIGHT OFF VIA TIMECLOCK 2
REMARKS		•		
1	SP = SPARE CONTACTOR	3	PROVIDE PHOTOCELL AND	TIMECLOCKS - DIGITAL
2	PROVIDE CIRCUIT FOR COIL.		365 DAY, 24 HR. ASTRO	NOMICAL W/HOLIDAY
			TORK #DWZ100A OR EQU	IAL.



1	ELECTRICAL	RISER	DIAGRAM	
ı	NOT TO SCALE		_	



- 1) NEMA 3R/LOCKABLE WIREWAY, MOUNTED AT 24" AFG, SHALL BE PROVIDED BY CONTRACTOR.
- 2) FUTURE TENANT METER BASE.
-) FUTURE TENANT SERVICE ENTRANCE RATED, FUSED WITH SOLID NEUTRAL, NEMA 3R, HEAVY DUTY, DISCONNECT SWITCH FOR TENANTS. DISCONNECT SWITCH HANDLES SHALL NOT EXCEED 7-6" AFF.
- (4) FUTURE CONDUIT & WIRE TO BE SIZED BASED ON RATING OF DISCONNECT SWITCH.
- (5) WEATHERPROOF SERVICE ENCLOSURE WITH BUS BARS AND SET SCREW CONNECTORS SHALL BE FURNISHED AND INSTALLED BY CONTRACTOR PER THE UTILITY'S REQUIREMENTS. LEAVE SPACE FOR A POSSIBLE FUTURE TENANT AT
- 6 TIMECLOCK(S) & LIGHTING CONTACTOR(S) (NEMA 3R) FOR BUILDING AND EXTERIOR LIGHTING. REFER TO LIGHTING CONTACTOR SCHEDULE.
- (7) COORDINATE ALL WORK ASSOCIATED WITH UTILITY WITH ALL UTILITY REQUIREMENTS.
- (8) HOUSE DISC. SW. 60/60/3P WITH SOLID NEUTRAL, SERVICE ENTRANCE RATED, NEMA 3R, LOCKABLE. (9) 8'-0" X 3/8" GROUND ROD. BOND TO BUILDING STEEL & WATER PIPING.

Omni SERVICES GROUP 11130 PETAL STREET, SUITE 300, DALLAS, TX 75238 (972) 235-4730 OFFICE, (972) 235-4570 FAX RECORD DRAWINGS - 9/24/2013

Engineering PLLC

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7∖ 11.15.12 ASI#5

/n 01.22.13 ASI #8 No. Date ltem

REVISIONS TATE OF TEXAS Drawn Checked BBM

ELEC. DETAILS & SPECIFICATIONS

Project No. 11013.03 05.25.12 Date Last Revision 01.21.13

E3.01