

LIGHTING SYMBOLS SCHEDULE		
ALL SYMBOLS DO NOT NECESSARILY APPEAR ON THESE DRAWINGS		
NOTES: 1. IF WALL MOUNTED FIXTURE PROJECTS 4" OR MORE FROM FINISHED WALL THERE SHALL BE 80" VERTICAL CLEARANCE A.F.F. 2. PROVIDE A SEPARATE REFERENCE CONDUCTOR FOR THE FIXTURES BATTERY PACK, FED FROM THE SAME CIRCUIT AS THE FIXTURE. THIS REFERENCE CONDUCTOR SHALL NOT ROUTE THROUGH ANY LOCAL SWITCH OR LIGHTING CONTROL RELAY. ALL FIXTURES WITH EMERGENCY BATTERY PACKS SHALL BE SWITCHED AS SHOWN ON PLANS. UNO. ALL FIXTURES WITH EMERGENCY BATTERY PACKS SHALL BE PROVIDED WITH INTEGRAL RED TEST BUTTON, UNO.		
SYMBOL	DESCRIPTION	REMARKS
	2' x 4' LIGHT FIXTURE	
	2' x 2' LIGHT FIXTURE	
	1' x 4' LIGHT FIXTURE	
	LINEAR STRIP LIGHTING FIXTURE	NOTE 1
	DOWNLIGHT	
	WALL WASH/ADJUSTABLE DOWNLIGHT - ARROW INDICATED DIRECTION OF BEAM	
	LINEAR LIGHT WALL MOUNTED FIXTURE	NOTE 1
	WALL SCONCE	NOTE 1
	TRACK HEAD	
	PENDANT	
	EXIT SIGN - SINGLE FACE	NOTE 1
	EXIT SIGN - DUAL FACE	NOTE 1
	DUAL HEAD EMERGENCY LIGHT WITH INTEGRAL BATTERY PACK	NOTE 1
	SINGLE HEAD SITE AREA LUMINAIRE	
	DUAL HEAD SITE AREA LUMINAIRE	
	EXISTING SINGLE HEAD SITE AREA LUMINAIRE	
	EXISTING DUAL HEAD SITE AREA LUMINAIRE	
	BOLLARD	
	LANDSCAPE LUMINAIRE	
	WHERE SHOWN, INDICATES PANEL AND CIRCUIT SERVING ALL FIXTURES IN THE SAME ROOM.	
	TYPICAL FIXTURE [CONNECTED TO EMERGENCY POWER SYSTEM.] [EQUIPPED WITH EMERGENCY BATTERY BALLAST.]	NOTE 2
INDICATES FIXTURE TYPE INDICATES PANEL AND CIRCUIT SERVING FIXTURE WHERE SHOWN, INDICATES NIGHT LIGHT. 24HR OPERATION TYPICAL LIGHTING FIXTURE CONTROL SWITCH LEG		

LIGHTING CONTROLS SYMBOLS SCHEDULE		
ALL SYMBOLS DO NOT NECESSARILY APPEAR ON THESE DRAWINGS		
NOTES: 1. ALL WALL MOUNTED LIGHTING CONTROLS ARE MOUNTED AT 48" AFF TO CENTER, UNO. 2. OCCUPANCY SENSORS SHALL BE DUAL TECHNOLOGY TYPE, LEVITON OR EQUAL BY SENSORSWITCH. 3. RESET TO FACTORY SETTING AT THE END OF CONSTRUCTION PHASE. 4. TOP OF SWITCH IN ON POSITION SHALL NOT EXCEED 48" AFF. IF SWITCH IS OVER COUNTERTOP, TOP OF SWITCH SHALL NOT EXCEED 46" AFF.		
SYMBOL	DESCRIPTION	REMARKS
	20A SINGLE POLE SWITCH	NOTE 1, 3, 4
	SENSOR SWITCH REFER TO SUBSCRIPTS	NOTE 1, 3, 4
	CEILING MOUNTED OCCUPANCY SENSOR	NOTE 2
	PHOTOCELL	
	CORNER MOUNTED OCCUPANCY SENSOR	NOTE 2
LIGHTING CONTROLS SUBSCRIPTS INDICATE THE FOLLOWING: a.b - SWITCH LEG BEING CONTROLLED 3 - THREE WAY SWITCH 4 - FOUR WAY SWITCH D - DIMMING SWITCH, RATED 2000 WATTS, UNO. WP - WEATHERPROOF EXP- EXPLOSION PROOF DS - SINGLE GANG DECORA STYLE SWITCH WITH THREE (3) MOMENTARY PUSH BUTTONS: ON/OFF, RAISE AND LOWER DIMMING, WITH VACANCY SENSOR, SOFT CLICK INDICATOR AND GREEN LED INDICATOR LIGHT. COLOR AS SELECTED BY ARCHITECT. EXACT SWITCH LOCATION AS SHOWN ON PLAN. K - KEY OPERATED MC - MOMENTARY CONTACT P - PILOT LIGHT T - REMOTE EMERGENCY BATTERY TEST SWITCH F - FAN CONTROL SWITCH VS - MANUAL 'ON' SINGLE GANG DECORA STYLE SWITCH WITH THREE (3) MOMENTARY PUSH BUTTONS: ON/OFF, RAISE AND LOWER DIMMING, WITH VACANCY SENSOR, SOFT CLICK INDICATOR AND GREEN LED INDICATOR LIGHT. COLOR AS SELECTED BY ARCHITECT. EXACT SWITCH LOCATION AS SHOWN ON PLAN.		

ELECTRICAL ABBREVIATIONS		
A	AMPERES	LTG LIGHTING
ABV	ABOVE	MAX MAXIMUM
A/C	AIR CONDITIONING	MC MECHANICAL CONTRACTOR
ACT	ABOVE COUNTER TOP	MCB MAIN CIRCUIT BREAKER
AF	ABOVE FINISHED FLOOR	MCC MOTOR CONTROL CENTER
AF	AMP FUSED	MCM THOUSAND CIRCULAR MILS
AFG	ABOVE FINISHED GRADE	MDP MAIN DISTRIBUTION PANEL
AL	ALUMINUM	MECH MECHANICAL
ARCH	ARCHITECT	MH MANHOLE
ASB	ABOVE SPLASH BLOCK	MIN MINIMUM
ASC	ABOVE SUSPENDED CEILING	MISC MISCELLANEOUS
ASD	ADJUSTABLE SPEED DRIVE	MLO MAIN LUG ONLY
AUTO	AUTOMATIC	MSB MAIN SWITCHBOARD
AUX	AUXILIARY	MTD MOUNTED
ATS	AUTOMATIC TRANSFER SWITCH	NEC NATIONAL ELECTRICAL CODE
AWG	AMERICAN WIRE GAUGE	NEMA NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
BFF	BELOW FINISH FLOOR	NEUT NEUTRAL
BLDG	BUILDING	NF NON FUSED
BFG	BELOW FINISHED GRADE	NIC NOT IN CONTRACT
C	CONDUIT	NL NIGHT LIGHT
C/B	CIRCUIT BREAKER	N.O. NORMALLY OPEN
CCTV	CLOSED CIRCUIT TELEVISION	N.C. NORMALLY CLOSED
CCT	CIRCUIT	NO. NUMBER
CLS	CEILING	NTS NOT TO SCALE
COL	COLUMN	OC OVER COUNTERTOP
COMB	COMBINATION	OD OUTSIDE DIAMETER
CONC	CONCRETE	OFCl OWNER FURNISHED CONTRACTOR INSTALLED
CONST	CONSTRUCTION	OH OVERHEAD
DFC	DOWN FROM CEILING	P POLE
DIA	DIAMETER	PC PLUMBING CONTRACTOR
DN	DOWN	PF POWER FACTOR
DWG	DRAWING	PH PHASE
EA	EACH	PL PROPERTY LINE
EC	ELECTRICAL CONTRACTOR	PNL PANEL
EF	EXHAUST FAN	PVC POLYVINYL CHLORIDE
ELEC	ELECTRIC / ELECTRICAL	RECPT RECEPTACLE
EMER	EMERGENCY	RE: REFERENCE/REFER TO
EMT	ELECTRICAL METALLIC TUBING	REQD REQUIRED
EPO	EMERGENCY POWER OFF	RGS RIGID GALVANIZED STEEL
EQUIP	EQUIPMENT	RM ROOM
EWC	ELECTRIC WATER COOLER	RECPRT RECEPTACLE
EXT	EXISTING	RE: REFERENCE/REFER TO
EXT	EXTERIOR	REQD REQUIRED
FA	FIRE ALARM	RGS RIGID GALVANIZED STEEL
FACP	FIRE ALARM CONTROL PANEL	RM ROOM
FLR	FLOOR/FLOORING	SCH SCHEDULE
FSTR	FIXTURE	SPEC SPECIFICATIONS
G	GROUND	SVC SERVICE
GC	GENERAL CONTRACTOR	TEL TELEPHONE
GD	GENERAL DUTY	TR TAMPER RESISTANT
GEN	GENERATOR	TS TRANSFER SWITCH
GFI	GROUND FAULT INTERRUPT	TYP TYPICAL
HD	HEAVY DUTY	TTB TELEPHONE TERMINAL BOARD
HP	HORSEPOWER	UG UNDERGROUND
HT	HEIGHT	UL UNDERWRITER'S LABORATORIES
HVAC	HEATING/VENTILATING/AIR CONDITIONING	UNO UNLESS NOTED OTHERWISE
HW	HOT WATER	V VOLTS
ID	INSIDE DIAMETER	VA VOLT - AMPERES
IG	ISOLATED GROUND	VSD VARIABLE SPEED DRIVE
IMT	INTERMEDIATE METAL	W WATTS
J	JUNCTION BOX	W/ WITH
KVA	KILOVOLT-AMPERES	W/O WITHOUT
KW	KILOWATTS	WP WEATHER PROOF
KCMIL	THOUSAND CIRCULAR MILS	WR WEATHER RESISTANT
		WT WEIGHT
		WTR WATER
		WW WASTE WATER
		XFMR TRANSFORMER

SITE UTILITY SYMBOLS SCHEDULE		
ALL SYMBOLS DO NOT NECESSARILY APPEAR ON THESE DRAWINGS		
SYMBOL	DESCRIPTION	REMARKS
	UNDERGROUND PRIMARY DUCTBANK.	
	UNDERGROUND SECONDARY DUCTBANK.	
	UNDERGROUND COMMUNICATIONS DUCTBANK.	
	EXISTING UNDERGROUND PRIMARY DUCTBANK.	
	EXISTING UNDERGROUND SECONDARY DUCTBANK.	
	EXISTING UNDERGROUND COMMUNICATIONS DUCTBANK.	
	REMOVE UNDERGROUND PRIMARY DUCTBANK.	
	REMOVE UNDERGROUND SECONDARY DUCTBANK.	
	REMOVE UNDERGROUND COMMUNICATIONS DUCTBANK.	
	EXISTING UTILITY COMPANY PAD MOUNT TRANSFORMER	
	UTILITY COMPANY PAD MOUNT TRANSFORMER	
	EXISTING UTILITY COMPANY PAD MOUNT SECTIONALIZING SWITCHGEAR	
	UTILITY COMPANY PAD MOUNT SECTIONALIZING SWITCHGEAR	
	EXISTING UTILITY COMPANY OVERHEAD LINE POLE	
	UTILITY COMPANY OVERHEAD LINE POLE	
	EXISTING UNDERGROUND UTILITY MANHOLE	
	UNDERGROUND UTILITY MANHOLE	

GENERAL ELECTRICAL NOTES			
1. ELECTRICAL CONTRACTOR SHALL COMPLY WITH LATEST EDITION OF NATIONAL ELECTRICAL CODE AND LOCAL CODES.			
2. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH OTHER TRADES TO MINIMIZE CONFLICTS.			
3. ALL WIRE AND CABLE SIZES ARE FOR COPPER, UNLESS NOTED OTHERWISE AS ALUMINUM.			
4. NO CONDUCTOR SHALL BE LOADED BEYOND ITS ALLOWABLE AMPACITY.			
5. CONFIRM WITH LOCAL CODES, MECHANICAL CONTRACTOR AND EQUIPMENT VENDORS ON THE LOCATION AND MOUNTING METHOD FOR DISCONNECT SWITCHES, MANUAL MOTOR STARTERS, COMBINATION STARTER/DISCONNECTS, ETC. PRIOR TO ELECTRICAL ROUGH-IN AND INSTALLATION.			
6. ELECTRICAL CONTRACTOR SHALL DOUBLE CHECK ALL FEEDER CONDUCTOR AND CONDUIT SIZES WITH NEC AND LOCAL CODES PRIOR TO BID, ORDERING OR CUTTING CONDUCTORS.			
7. ELECTRICAL CONTRACTOR SHALL COORDINATE WORK WITH ARCHITECTURAL DRAWINGS AND REPORT ANY DISCREPANCIES TO ARCHITECT/ENGINEER IMMEDIATELY. LIGHT FIXTURES ARE SHOWN IN APPROXIMATE LOCATION ONLY. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION.			
8. UNLESS OTHERWISE NOTED, BRANCH CIRCUIT CONDUCTORS SHALL BE COPPER (THW OR EQUAL) SIZED AS FOLLOWS:			
<u>BREAKER RATING</u>	<u>WIRE SIZE</u>	<u>BREAKER RATING</u>	<u>WIRE SIZE</u>
15 AMP	#12 AWG	80 AMP	#4 AWG
20 AMP	#12 AWG	70 AMP	#4 AWG
30 AMP	#10 AWG	80 AMP	#3 AWG
40 AMP	#8 AWG	90 AMP	#2 AWG
50 AMP	#6 AWG	100 AMP	#1 AWG
ALL BRANCH CIRCUITS WITH AN OVERALL LENGTH IN EXCESS OF 75 FEET SHALL BE INCREASED IN WIRE SIZE TO ACCOMMODATE VOLTAGE DROP.			
9. CONTRACTOR SHALL CONNECT MOTORIZED DAMPERS FROM ASSOCIATED UNIT'S POWER SUPPLY FOR ALL PRV, SEF, SSF MISCELLANEOUS FANS, ETC. COORDINATE EXACT REQUIREMENTS WITH MECHANICAL CONTRACTOR.			
10. ELECTRICAL CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO OWNER PROVIDED EQUIPMENT.			
11. ALL JUNCTION BOXES SHALL BE ACCESSIBLE FOR FUTURE SERVICE PER NEC. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES AND POINTS OF ACCESS.			
12. LIGHT FIXTURES SHALL BE OPERATED BY SWITCH LOCATED IN SAME ROOM UNLESS OTHERWISE NOTED.			
13. CONDUITS SHALL NOT BE ROUTED EXPOSED IN FINISHED AREAS UNLESS NOTED.			
14. ALL SLEEVES THRU FLOOR SHALL BE SEALED WATERTIGHT AND SHALL TERMINATE MINIMUM 1" AFF.			
15. CONTRACTOR SHALL VISIT SITE AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS, DETERMINE THE EXTENT OF DEMOLITION REQUIRED TO FACILITATE NEW CONSTRUCTION AND INCLUDE ALL SUCH WORK IN HIS BID. NO ADDITIONAL FUNDS WILL BE AUTHORIZED FOR ANY EXTRA WORK OR MATERIAL NECESSARY DUE TO THE FAILURE OF THE CONTRACTOR TO FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS OR FOR LACK OF COORDINATION BETWEEN TRADES.			
16. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL LIGHT FIXTURES.			
17. REFER TO ARCHITECTURAL BUILDING ELEVATIONS FOR EXACT LOCATION AND MOUNTING HEIGHTS OF ALL EXTERIOR LIGHT FIXTURES.			
18. PVC CONDUIT SHALL ONLY BE USED UNDERGROUND WITH PLASTIC COATED OR WRAPPED RIGID STEEL CONDUIT ELBOWS. ALL INTERIOR CONDUIT SHALL BE EMT.			
19. SEE MECHANICAL FLOOR PLANS FOR THERMOSTAT LOCATIONS.			
20. PROVIDE NYLON COVERPLATES FOR ALL OUTLET BOXES.			
21. SEAL AROUND ALL EXTERIOR WALL PENETRATIONS.			
22. DRAWINGS ARE SCHEMATIC IN NATURE AND MAY NOT BE DRAWN EXACTLY TO SCALE. CONTRACTOR IS RESPONSIBLE FOR COORDINATING EXACT ROUTING OF ALL SERVICES WITH EXISTING CONDITIONS AND ALL OTHER TRADES TO AVOID SPACING OR ROUTING PROBLEMS.			
23. ALL CIRCUITS SHALL INCLUDE A GREEN GROUND CONDUCTOR SIZED IN ACCORDANCE WITH NEC 250.122, UNLESS NOTED OTHERWISE.			
24. ALL PENETRATIONS OF FIRE RATED PARTITIONS DUE TO THE INSTALLATION OF THE ELECTRICAL SYSTEMS SHALL BE SEALED TO MAINTAIN THE FIRE RATING OF THE WALL AND/OR FLOOR/CEILING.			
25. CONTRACTOR SHALL PROVIDE ACCURATE PANEL SCHEDULES. SCHEDULES SHALL INDICATE DEVICES AND/OR EQUIPMENT SERVED, LOCATION AND/OR ROOM NUMBERS.			
26. WHERE NEW LIGHTS OR RECEPTACLES ARE NOTED TO BE CONNECTED TO AN EXISTING CIRCUIT, CONTRACTOR SHALL TRACE EXISTING CIRCUIT TO DETERMINE CIRCUIT LOADING. THE LOAD ON A 20 AMP CIRCUIT SHALL NOT EXCEED 16 AMPS. WHERE THIS CANNOT BE ACHIEVED, CONTRACTOR SHALL CONTACT ARCHITECT FOR ALTERNATE INSTRUCTIONS.			
27. WHERE DEVICES ARE INDICATED TO BE MOUNTED OVER THE COUNTER TOP, MOUNT THE DEVICE 2" ABOVE THE BACKSPASH TO THE BOTTOM. WHERE NO BACKSPASH EXISTS, MOUNT DEVICE AT 2" ABOVE COUNTERTOP TO BOTTOM.			
28. WHERE TIGHTENING TORQUE IS INDICATED AS A NUMERIC VALUE OR IN INSTALLATION INSTRUCTIONS PROVIDED BY THE MANUFACTURER, A CALIBRATED TORQUE TOOL SHALL BE USED TO ACHIEVE THE INDICATED VALUE, UNLESS THE EQUIPMENT MANUFACTURER HAS PROVIDED INSTALLATION INSTRUCTIONS FOR AN ALTERNATIVE METHOD OF ACHIEVING THE REQUIRED TORQUE. CONTRACTOR SHALL PROVIDE A LETTER TO THE ELECTRICAL INSPECTOR STATING THAT ALL ELECTRICAL EQUIPMENT HAS BEEN TORQUED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS.			

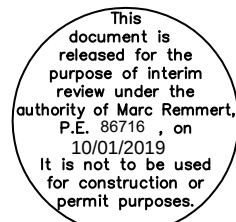
POWER DISTRIBUTION SYMBOL SCHEDULE		
ALL SYMBOLS DO NOT NECESSARILY APPEAR ON THESE DRAWINGS		
SYMBOL	DESCRIPTION	REMARKS
A-1,3,5	HOMERUN - TO CIRCUIT NO. 1,3,5 ON PANEL 'A'	
	FEEDER TAG. RE: ELECTRICAL FEEDER SCHEDULE FOR CONDUIT AND WIRE SIZE.	
	BRANCH CIRCUIT OR CONDUIT EXPOSED AND/OR SURFACE MOUNTED	
	BRANCH CIRCUIT OR CONDUIT UNDER FLOOR	
	JUNCTION BOX	
	MOTOR	
	MANUAL STARTER WITH THERMAL TRIP	
	DISCONNECT SWITCH	
	POWER AND/OR LIGHTING PANELBOARD, REFER TO PANELBOARD SCHEDULE	MOUNT AT 72" AFF TO CENTER
	SWITCHBOARD / DISTRIBUTION PANELBOARD, REFER TO SWITCHBOARD SCHEDULE OR RISER DIAGRAM	
	SURGE PROTECTIVE DEVICE. RE: SURGE PROTECTIVE DEVICE SCHEDULE FOR CONFIGURATION.	

DIVISION 16 - ELECTRICAL SPECIFICATIONS	
THIS DIVISION INCLUDES THE FOLLOWING: LIGHTING FIXTURES AND RECEPTACLES. POWER, INTERLOCK AND CONTROL WIRING FOR MECHANICAL SYSTEMS. WIRING FOR OWNER FURNISHED EQUIPMENT AND EQUIPMENT FURNISHED UNDER OTHER DIVISION. NEW ELECTRICAL SERVICE IN ACCORDANCE WITH UTILITY COMPANY (PEC) REQUIREMENTS. FIRE ALARM SYSTEM. COMPLETED INSTALLATION SHALL MEET REQUIREMENTS OF THE 2017 FLORIDA BUILDING CODE AND ITS ADOPTED VERSION OF NFPA 70. COMPLETE INSTALLATION SHALL MEET REQUIREMENTS OF THE WILLIAMS-STEIGER OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970, ITS SUBSEQUENT AMENDMENTS, AND INTERPRETATIONS OF THE ACT PROMULGATED BY OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION OF THE DEPARTMENT OF LABOR. THE ENTIRE SYSTEM, INCLUDING DEVICES, APPARATUS AND EQUIPMENT SHALL BE GROUNDED IN ACCORDANCE WITH ARTICLE 250, NATIONAL ELECTRICAL CODE, CURRENT EDITION. WIRE AND CABLE BRANCH CIRCUIT WIRING NO.10 AND SMALLER SHALL BE COPPER, SOLID, TYPE THHN/THWN. NO CONDUCTOR SHALL BE SMALLER THAN NO.10. FEEDER AND POWER WIRING No.8 AND LARGER SHALL BE STRANDED COPPER, TYPE THHN/THWN. COLOR CODE ALL CONDUCTORS IN ACCORDANCE NFPA 70, ARTICLE 210. CONDUIT LIGHTING, POWER AND CONTROL WIRING SHALL BE INSTALLED IN CONDUIT, RIGID GALVANIZED CONDUIT, SHALL BE USED WHERE CAST IN CONCRETE, WHERE EXPOSED TO POTENTIAL MECHANICAL DAMAGE, WHERE RUN OUTDOORS EXPOSED TO WEATHER, AND FOR PANEL FEEDERS. PVC CONDUIT MAY ONLY BE USED UNDERGROUND. SCHEDULE 40 PVC SHALL BE USED UNDERGROUND AND SCHEDULE 80 PVC SHALL BE USED AT TRANSITIONS FROM UNDER TO ABOVE GROUND. PROVIDE 24" FLEXIBLE METAL CONDUIT AT CONNECTIONS TO ALL MECHANICAL EQUIPMENT. USE LIQUID-TIGHT WHERE EXPOSED TO WEATHER OR LIQUIDS. PROVIDE PULLSTRING IN ALL SPARE AND EMPTY CONDUITS. BOXES INTERIOR BOXES SHALL BE GALVANIZED STEEL, UL LISTED, SIZED PER NEC. EXTERIOR BOXES SHALL BE CAST METAL, UL LISTED, NEMA 3R. SAFETY SWITCHES SAFETY SWITCHES AND DISCONNECTS SHALL BE HEAVY DUTY, HORSEPOWER RATED, LOCKABLE IN THE 'OFF' POSITION. PROVIDE NEMA 3R ENCLOSURE FOR OUTDOOR LOCATIONS. FUSES SHALL BE DUAL ELEMENT TIME DELAY TYPE.	

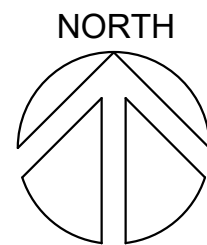
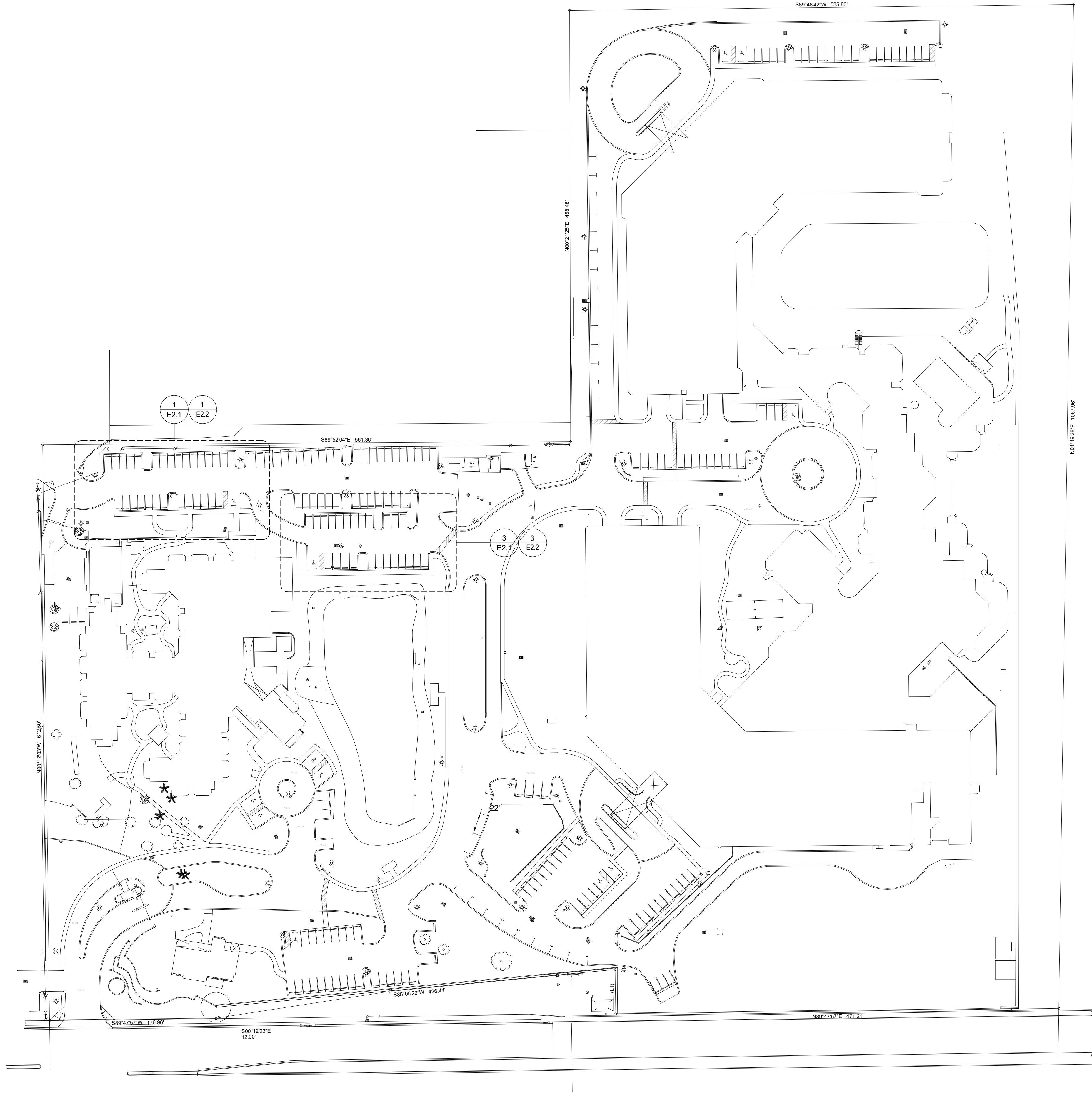
REVISIONS		BY	DATE	DESCRIPTION
NO.				

CAD	JOB NO.	4224.00	DRAWN BY	CRS	CHECK BY	MR	DATE	07/26/19
-----	---------	---------	----------	-----	----------	----	------	----------

ENGINEER OF RECORD
MARC REMMERT, PE
PE#86716



Mechanical Plumbing Electrical
2021 EAST 5TH ST, SUITE 200 AUSTIN TX 78702 (512) 669-5560
THIS DOCUMENT, THE IDEAS AND DESIGNS INCORPORATED HEREIN ARE AND SHALL REMAIN THE PROPERTY OF WANTMAN GROUP, INC. THIS DOCUMENT IS NOT TO BE USED OR ALTERED, IN WHOLE OR IN PART, FOR OTHER THAN THE ORIGINAL INTENDED USE, NOR IS TO BE ASSIGNED TO ANY THIRD PARTY WITHOUT WRITTEN PERMISSION FROM WGI© WANTMAN GROUP, INC. 2019
WGI - MEP PROJECT NO. - 07194224.00



1 OVERALL SITE PLAN
1" = 60'-0"



MechanicalPlumbingElectrical

2021 EAST 5TH ST, SUITE 200
AUSTIN TX 78702 (512) 669-5560

THIS DOCUMENT, THE IDEAS AND
DESIGNS INCORPORATED HEREIN ARE
AND SHALL REMAIN THE PROPERTY OF
WANTMAN GROUP, INC. THIS DOCUMENT
IS NOT TO BE USED OR ALTERED, IN
WHOLE OR IN PART, FOR OTHER THAN
THE ORIGINAL INTENDED USE, NOR IS
TO BE ASSIGNED TO ANY THIRD PARTY
WITHOUT WRITTEN PERMISSION FROM
WGI©
WANTMAN GROUP, INC. 2019

WGI - MEP PROJECT NO. - 07194224.00

HARBOUR'S EDGE PARKING
IMPROVEMENTS
ELECTRICAL SITE PLAN

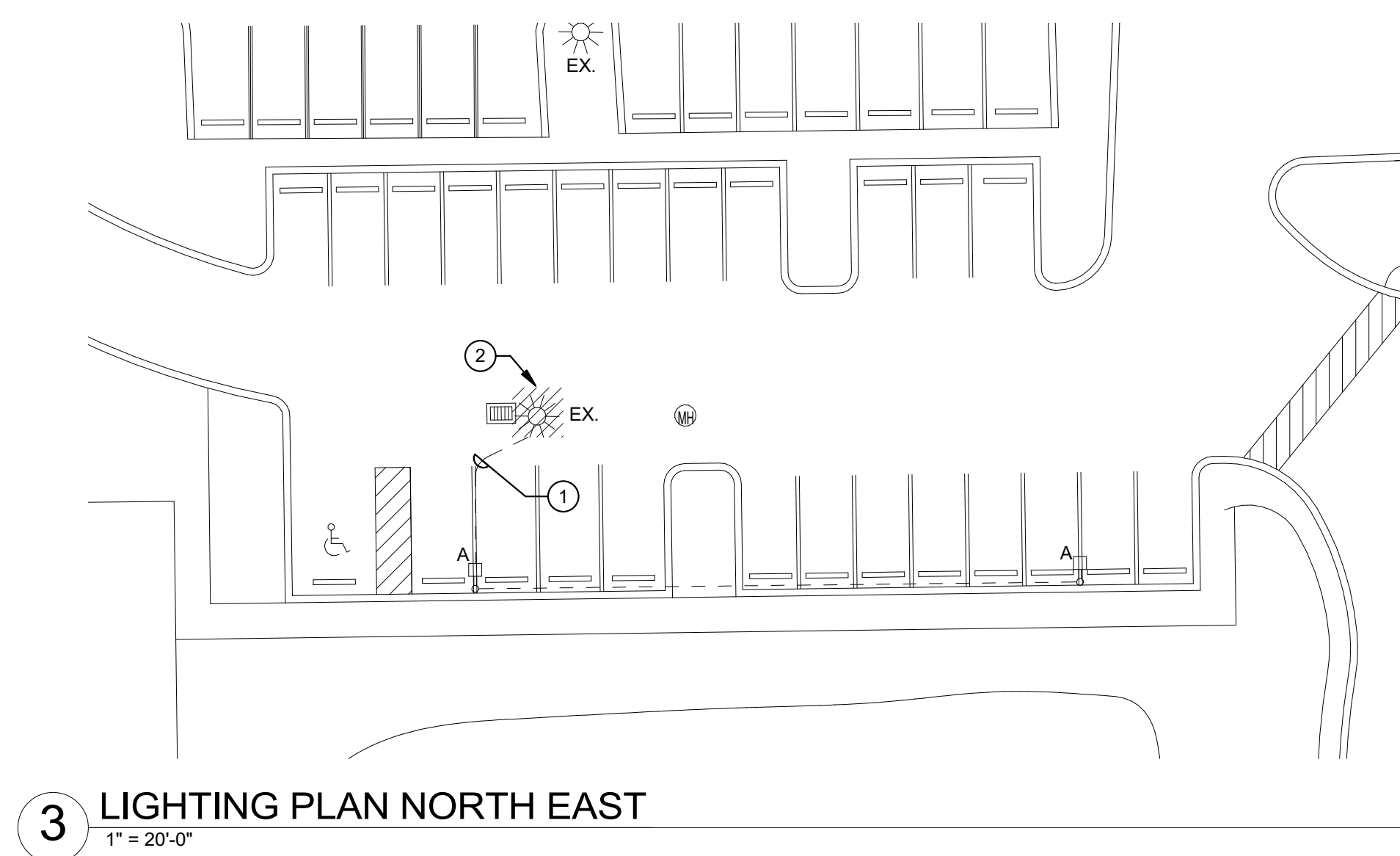
SHEET:
E1.0

ENGINEER OF RECORD
MARC REMMERT, PE
PE#86716



CAD	JOB NO.	DRAWN BY	CHECK BY	DATE
	4224.00	Author	Checker	07/26/19

REVISIONS			
NO.	DATE	DESCRIPTION	BY



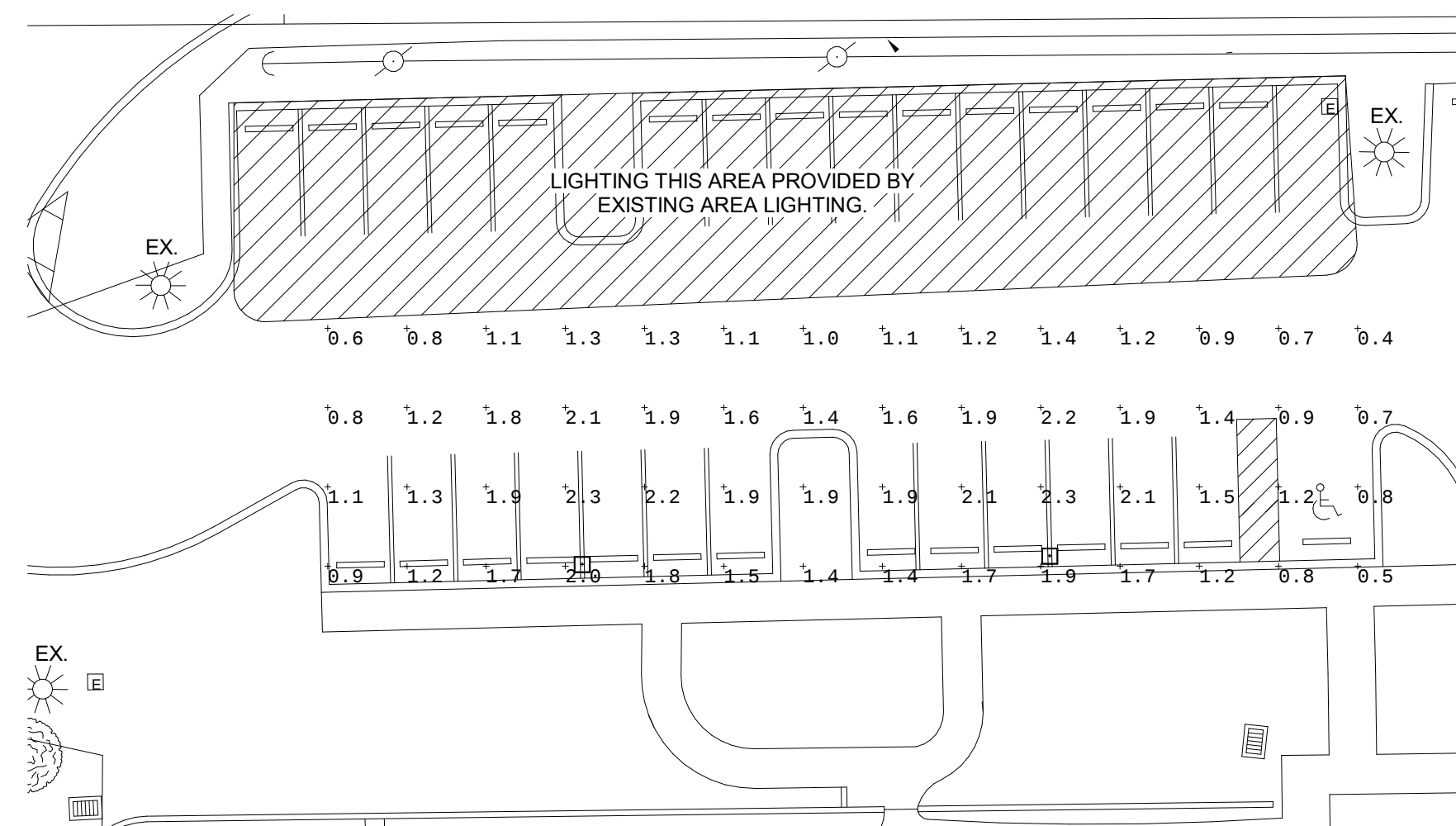
1 CONTRACTOR SHALL CONFIRM EXISTING SITE LIGHTING CIRCUIT'S VOLTAGE AND
CAPACITY. INTERCEPT EXISTING SITE LIGHTING CIRCUIT AND PROVIDE WIRE AND
CONDUIT TO EXTEND UNDERGROUND TO NEW LOCATIONS AND CONNECT.
2 EXISTING POLE LIGHT TO BE DEMOLISHED.



TYPE	MANUFACTURER	FIXTURE CATALOG NO.	LAMP TYPE	FIXTURE WATTS	VOLTAGE	MOUNTING	REMARKS
A	LITHONIA	LAMP: KAD-LED-20C-1000-30K-R2-MVOLT-04-HS-PIRH POLE: STS-20-5-5F-DM19	70 CRI/3000K/7344 LM	73 W	MVOLT 120V/277V	POLE - 20'	LED POLE MOUNTED AREA LIGHT FIXTURE. 73 WATT - SQUARE TAPERED STEEL POLE.

1. ALL LIGHT FIXTURE AND POLE FINISHES SHALL BE SELECTED AND APPROVED BY THE OWNER PRIOR TO INSTALLATION.
2. POLE TOP LIGHTS SHALL BE PROVIDED ON/OFF CONTROL VIA INTEGRAL PHOTOCCELL AND BI-LEVEL DIMMING BY INTEGRAL MOTION SENSOR.
3. ALL NEW LIGHTING SHOWN WITHIN THESE PLANS SHALL BE OWNED AND MAINTAINED BY THE PROPERTY OWNER.

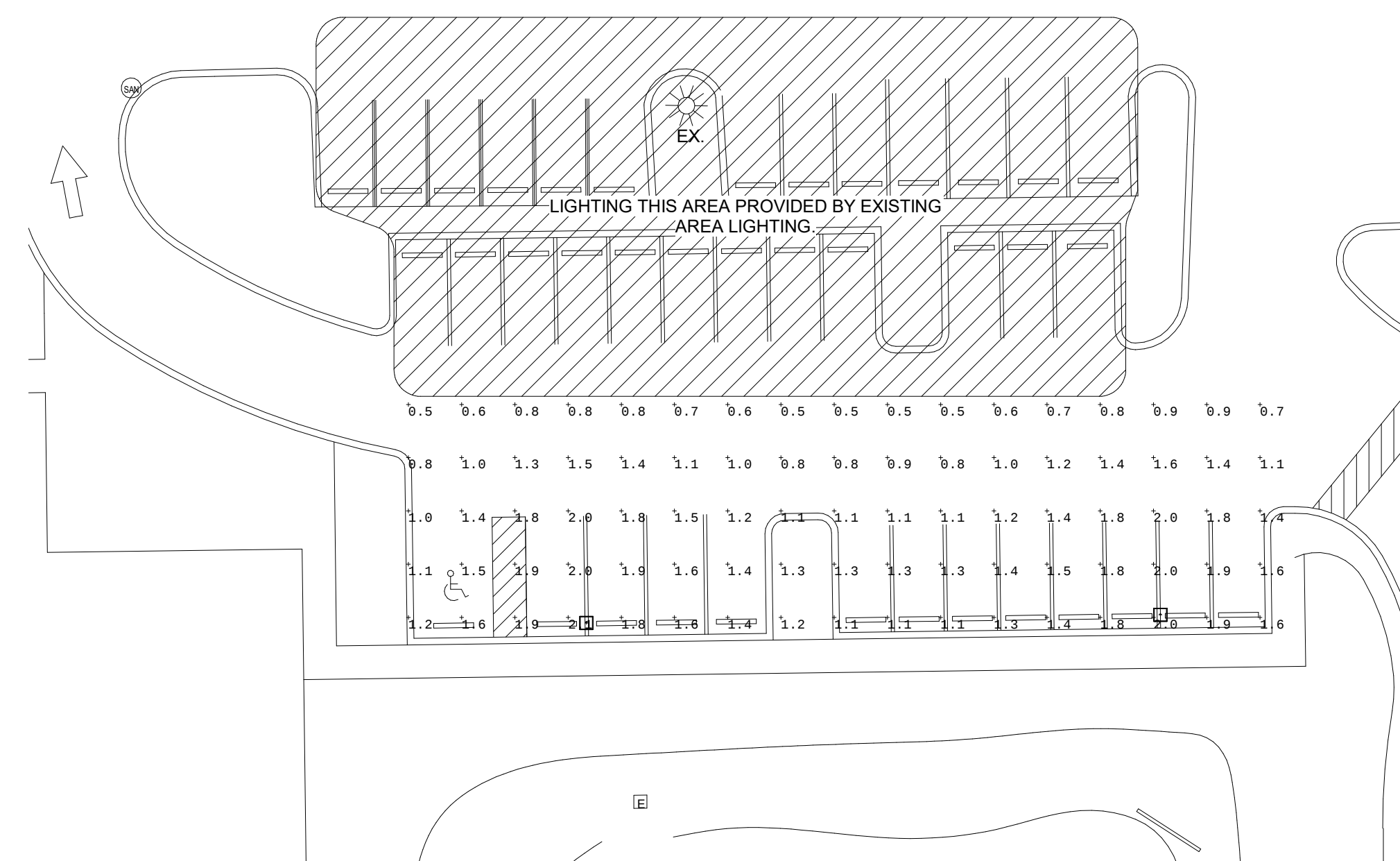
		
Mechanical	Plumbing	Electrical
2021 EAST 5TH ST, SUITE 200 AUSTIN TX 78702 (512) 669-5560		
THIS DOCUMENT, THE IDEAS AND DESIGNS INCORPORATED HEREIN ARE AND SHALL REMAIN THE PROPERTY OF WANTMAN GROUP, INC. THIS DOCUMENT IS NOT TO BE USED OR ALTERED, IN WHOLE OR IN PART, FOR OTHER THAN THE ORIGINAL INTENDED USE. NOR IS TO BE ASSIGNED TO ANY THIRD PARTY WITHOUT WRITTEN PERMISSION FROM WGI © WANTMAN GROUP, INC. 2019		
WGI - MEP PROJECT NO. - 07194224.00		



1 ENLARGED PHOTOMETRIC NORTH WEST
1" = 20'-0"

CALCULATED PHOTOMETRIC VALUES:

AVERAGE: 1.42 F.C.
MAX: 2.3 F.C.
MIN.: 0.4 F.C.
MAX./MIN.: 5.75



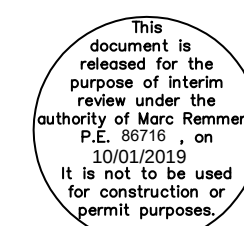
2 ENLARGED PHOTOMETRIC NORTH EAST
1" = 20'-0"

CALCULATED PHOTOMETRIC VALUES:

AVERAGE: 1.27 F.C.
MAX: 2.1 F.C.
MIN.: 0.5 F.C.
MAX./MIN.: 4.20

CAD	REVISIONS			
	NO.	DATE	DESCRIPTION	BY
JOB NO.	4224.00			
DRAWN BY	CRS			
CHECK BY	MR			
DATE	07/26/19			

ENGINEER OF RECORD
MARC REMMERT, PE
PE#86716



HARBOUR'S EDGE PARKING IMPROVEMENTS ENLARGED PHOTOMETRIC PLANS

SHEET:
E2.2

	
Mechanical	Electrical
Plumbing	
2021 EAST 5TH ST. SUITE 200 AUSTIN TX 78702 (512) 669-5560	
THIS DOCUMENT, THE IDEAS AND DESIGNS INCORPORATED HEREIN ARE AND SHALL REMAIN THE PROPERTY OF WANTMAN GROUP, INC. THIS DOCUMENT IS NOT TO BE USED OR ALTERED, IN WHOLE OR IN PART, FOR OTHER THAN THE ORIGINAL INTENDED USE. NOR IS IT TO BE ASSIGNED TO ANY THIRD PARTY WITHOUT WRITTEN PERMISSION FROM WGI/C WANTMAN GROUP, INC. 2019	
WGI - MEP PROJECT NO. - 07194242.00	