



ELECTRICAL SITE PLAN

SCALE: 1/20" = 1'-0"

UTILITIES NOTES:

- COORDINATE ALL SERVICE REQUIREMENTS WITH UTILITY COMPANIES AND INCLUDE ALL WORK REQUIRED IN BID.
- UTILITIES INFORMATION ARE APPROXIMATELY SHOWN. CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS AND SITE CONDITIONS PRIOR TO BID.
- ELECTRICAL CONTRACTOR SHALL PAY FOR ALL EXPENSES TO PROVIDE NEW UTILITIES, RELOCATE/REMOVE EXISTING UTILITIES BUT SHALL NOT BE LIMITED TO POWER, TEL, CABLE TV, ETC. PER UTILITY COMPANIES SPECS. AND REQUIREMENTS.
- CONTRACTORS SHALL VERIFY ALL SITE WORK NEEDED TO BE DONE SUCH AS EXCAVATIONS, TRENCHES, CASSONS, WALLS, ETC. CONTRACTOR SHALL FIELD VERIFY THE EXISTING SITE IN ORDER TO GAIN KNOWLEDGE OF THE EXISTING SITE CONDITIONS & ALL UG, PIPING ASSOCIATED WITH THIS SITE. THE ENGINEERS AND THE OWNER ASSUME NO RESPONSIBILITY FOR DETERMINING ANY EXISTING UG, PIPING LOCATION, SIZE, DEPTH OR HAZARD. CONTRACTOR SHALL CONTACT & COORDINATE WITH THE UTILITY COMPANIES REGARDING ANY DIGGING.

GENERAL NOTES:

- ROUTE EXTERIOR LIGHTING CIRCUIT VIA PHOTO ELECTRIC CELL, MOUNT PE CELL ON EXTERIOR WALL WITH WEATHER PROOF COVER. PROVIDE MANUAL OVERRIDE SWITCH FOR CONTRACTOR MOUNTED ON ENCLOSURE.
- FOR SHED LOCATION, COORDINATE EXACT LOCATION AND POWER REQUIREMENTS WITH OWNER.
- ALL UNDERGROUND CONDUITS BE MIN OF 36" BELOW GRADE.
- PROVIDE (2) 4" PVC CONDUIT FROM TELEPHONE EQUIPMENT ROOM TO PROPERTY LINE AT POINT AND MANHOLE AS DIRECTED BY LOCAL TELEPHONE COMPANY.
- PROVIDE (2) 4" PVC CONDUIT FROM TELEVISION EQUIP. ROOM TO PROPERTY LINE AS DIRECTED BY LOCAL CABLE CO.
- UTILITIES, ELECTRICAL, POWER AND TELEPHONE SERVICES SHALL BE EXTENDED TO POINTS OF SERVICE CONNECTIONS AT THE APPROXIMATE LOCATIONS SHOWN ON THE PLANS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE INSTALLATION OF THESE SERVICES WITH THE UTILITY COMPANIES, VERIFY ALL POINTS OF INSPECTION AND PAY ALL ASSOCIATED CONNECTION FEES.
- ALL EXTERIOR MTD. EQUIPMENT SHALL BE UL LISTED FOR WEATHERPROOF. DISCONNECT SHALL BE NEMA-3R RATED.
- PROVIDE NEMA-3R LOCKED BOX WITH 120V, 20A GFI CIRCUY RECEPTACLE AT THE BOTTOM OF EACH POLE. CONNECT TO LIGHTING CIRCUIT WITH 120, 10A, 3-PRG. PER NEC. CONTROL 5 WITH THE ASSOCIATED POLE LIGHTS.

NOTES BY SYMBOL

- UTILITY CO. PAD MTD TRANSFORMER, 120V/3-PHASE TO SERVICE THE LA QUINTA INN. METER SHALL BE MOUNTED AT WALL OR AT THE TRANSFORMER PER UTILITY CO. SPECS. COORDINATE EXACT LOCATION WITH UTILITY CO.
- NEW UNDERGROUND ELECTRICAL SECONDARY SERVICE. REFER TO PANEL, SCHEDULE AND ELECTRICAL ONE LINE DIAGRAM FOR DETAIL.
- PROVIDE (2) UG, 4" PVC SCH 40/80 FROM UTILITY CO. POLE TO NEW PAD MTD. TRANSFORMER PER UTILITY CO. SPECS. AND REQUIREMENTS. COORDINATE EXACT LOCATION WITH UTILITY CO.
- PROPOSED NEW UTILITY CO. POLE. VERIFY EXACT LOCATION WITH UTILITY CO.
- PROVIDE (2) 4" UG, EMPTY CONDUITS WITH PULL WIRES FROM MAIN TELEPHONE/CABLE TV, BOARD TO PROPERTY LINE PER UTILITY CO. SPECS. & REQUIREMENTS. COORDINATE EXACT LOCATION WITH UTILITY CO.
- 2#6H, 6#N, #0G, 1/2" C VIA LIGHTING CONTROL (PHOTOCELL ON/OFF) PER CIRCUIT.
- NEW MAIN SERVICE ENTRANCE SWITCHBOARD (PANEL) REFER TO SHEET E2, ONE LINE DIAGRAM FOR ADDITIONAL INFORMATION.
- 2#6H, 6#N, #0G, 1/2" C VIA LIGHTING CONTROL (PHOTOCELL ON/OFF) PER CIRCUIT.
- DISTRIBUTION SWITCHBOARD (PANEL) CONTRACTOR SHALL VERIFY EXACT PHYSICAL DIMENSIONS OF (PANEL) SWITCHBOARD (PANEL) SHALL BE AT OUTSIDE PER NEC, UL AND APPLICABLE CODES.
- 570B UG CONDUITS UP TO THE MAIN TELEPHONE BOARD. REFER TO SHEET E2.
- PROVIDE J-BOX WITH DISCONNECT SWITCH AND 120V, 20A DEDICATED CIRCUIT FOR LA QUINTA BLDG. SIGN. VERIFY EXACT LOCATION WITH ARCHITECT (TYPICAL OF 3 LOCATIONS) REFER TO NOTE 8 FOR WIRING AND CONTROL 5.
- ELECTRICAL WHICH IS NOT SHOWN ON PLAN WITHIN THE POOL/LSPA AREA IS BY OTHER RULES. OTHERWISE NOTED OR SPECIFIED POOL GROUNDING SYSTEM SHALL BE DESIGNED BY OTHERS IN ACCORDANCE WITH NEC 250 AND WHICH IS NOT WITHIN THE SCOPE OF DESIGN.
- PROVIDE (2) 2" UG, EMPTY CONDUIT SUB OUT AT THE POOL AREA WITH UP END CAP FROM POOL PANEL FOR BATHING POOL LIGHTING AND POWER COORDINATE EXACT LOCATION WITH POOL EQUIPMENT CONTRACTOR SHALL INCLUDE ALL RELATED EXPENSES IN BID TO COMPLETE THE POOL LIGHTING.
- ROUTE FEEDER ABOVE CEILING FROM POOL PANEL TO MAIN PANEL. PER NEC, COORDINATE EXACT LOCATION OF POOL PANEL AND FEEDER ROUTING WITH OWNER.
- PROVIDE WEATHERPROOF GFI OUTLET AT POLE WITH EXACT LOCATION PER OWNER'S DIRECTIVE IN FIELD. CONNECT TO CIRCUIT B-16.
- PROVIDE J-BOX WITH DISCONNECT SWITCH AND 120V, 20A DEDICATED CIRCUIT FOR LA QUINTA TOWNHOMES SIGN. VERIFY EXACT LOCATION WITH ARCHITECT. REFER TO NOTE 8 FOR WIRING AND CONTROL 5.
- PROVIDE J-BOX WITH DISCONNECT SWITCH AND 120V, 20A DEDICATED CIRCUIT FOR LA QUINTA LANDSCAPE LIGHTS. VERIFY EXACT LOCATION WITH ARCHITECT. REFER TO NOTE 8 FOR WIRING AND CONTROL 5.

POOL AREA LIGHT FIXTURE SCHEDULE									
TYPE	MANUFACTURER	VOLT	LAMP/ FIXTURE	WATT/ INPUT	INITIALS	FINISH	REMARKS/ LOCATION		
EG	HALOGEN FROG EYE EMERGENCY LIGHT	120	2	5	10	WHITE	WET LOCATION POOL AREA		
LUNA	SERIES L42SEUSAT	120	1	42	55	FLUORESCENT	WET LOCATION POOL AREA		
WH	POLYCARBONATE GASKETED LIGHT WITH ALUMINUM HOUSING MOUNTED ON TOP OF COLUMN AT THE EXTERIOR POOL AREA	120V							
APN	SERIES L46H-42W-BRONZE-120V								

PROVIDE ELECTRONIC BALLASTS FOR ALL FLUORESCENT LIGHT FIXTURES PER MANUFACTURER'S SPECS. AND RECOMMENDATIONS. CONTRACTOR SHALL COORDINATE WITH ARCHITECT FOR EXACT MOUNTING HEIGHT AND COLOR FINISH OF EACH TYPE PRIOR TO ORDERING. CONTRACTOR SHALL INCLUDE IN BID TO PAY FOR ALL RELATED EXPENSES TO COMPLETE THE INSTALLATION PER APPLICABLE CODES & MANUFACTURER'S SPECS./RECOMMENDATIONS.

REVISIONS	BY

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THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY ANDREW J. MOK
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NOTIFICATION TO THE ABOVE ENGINEER IS AN OFFENSE TO THE TEXAS STATE
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