

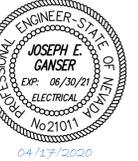
DOUGLAS COUNTY ASPEN PARK ELECTRICAL SERVICE MODIFICATION

Ranchos Aspen Park, Muir Dr.
Gardnerville, NV 89410

Permit Set
April 15, 2020

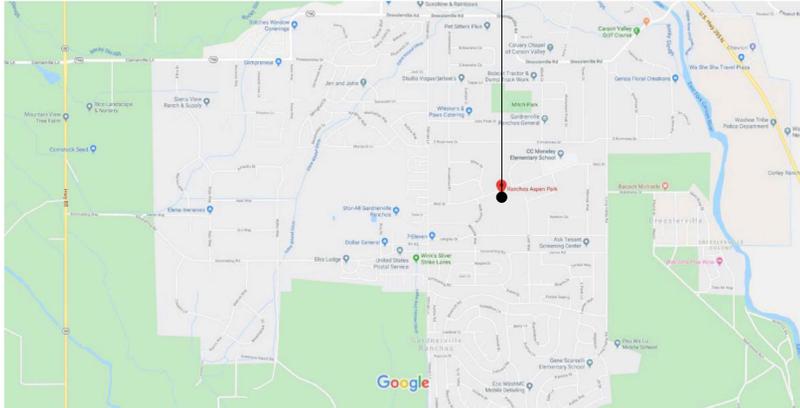


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19056



04/15/2020

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SITE MAP	OWNER	DRAWING INDEX																					
 <p>RANCHOS ASPEN PARK MUIR DR. GARDNERVILLE, NV 89410</p>	 <p>Douglas County Parks & Recreation 1323 Waterloo Lane Lampe Park Gardnerville, NV 89410</p>	<table border="1"> <thead> <tr> <th>SHEET</th> <th>DESCRIPTION</th> <th>PERMIT SET</th> </tr> </thead> <tbody> <tr> <td>GO.1</td> <td>COVER PAGE</td> <td>●</td> </tr> <tr> <td>EO.1</td> <td>ELECTRICAL LEGEND</td> <td>●</td> </tr> <tr> <td>EO.2</td> <td>ELECTRICAL SPECIFICATIONS</td> <td>●</td> </tr> <tr> <td>EO.3</td> <td>ONLINE DIAGRAMS</td> <td>●</td> </tr> <tr> <td>EI.1</td> <td>ELECTRICAL SITE PLAN</td> <td>●</td> </tr> <tr> <td colspan="2">TOTAL SHEETS IN ISSUE:</td> <td>5</td> </tr> </tbody> </table>	SHEET	DESCRIPTION	PERMIT SET	GO.1	COVER PAGE	●	EO.1	ELECTRICAL LEGEND	●	EO.2	ELECTRICAL SPECIFICATIONS	●	EO.3	ONLINE DIAGRAMS	●	EI.1	ELECTRICAL SITE PLAN	●	TOTAL SHEETS IN ISSUE:		5
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 <p>PK Electrical, Inc. <i>Engineering · Design · Consulting</i> 681 Sierra Rose Drive, Suite B Reno, NV 89511 775.826.9010 4601 DTC Boulevard, Suite 740 Denver, CO 80237 720.481.3290 pk-electrical.com © 2008-2015 PK Electrical, Inc.</p>																							
<p>PROJECT INFORMATION</p> <table border="1"> <tr> <td>JURISDICTION</td> <td>DOUGLAS COUNTY</td> </tr> <tr> <td>CURRENT CODES</td> <td></td> </tr> <tr> <td colspan="2">2017 NATIONAL ELECTRIC CODE 2018 INTERNATIONAL BUILDING CODE</td> </tr> </table>		JURISDICTION	DOUGLAS COUNTY	CURRENT CODES		2017 NATIONAL ELECTRIC CODE 2018 INTERNATIONAL BUILDING CODE																	
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G0.1

ELECTRICAL LEGEND

AUGUST 2011

<ul style="list-style-type: none"> PANELBOARD: SURFACE MOUNTED PANELBOARD: FLUSH MOUNTED SWITCHBOARD OR DISTRIBUTION PANEL TRANSFORMER FULLBOX / VAULT MOTOR STARTER COMBINATION MOTOR STARTER COMBINATION MOTOR STARTER PROVIDED BY OTHERS DISCONNECT SWITCH - FUSIBLE (FUSED PER EQUIP. NAMEPLATE) DISCONNECT SWITCH - NON-FUSIBLE DISCONNECT SWITCH PROVIDED BY OTHERS VARIABLE FREQUENCY DRIVE VARIABLE FREQUENCY DRIVE PROVIDED BY OTHERS ENCLOSED CIRCUIT BREAKER GROUND ROD SHUNT TRIP STATION OR EMERGENCY PUSHBUTTON REMOTE METER 	<ul style="list-style-type: none"> SINGLE RECEPTACLE: 20A, 125V, NEMA 5-20, +18" AFF (UNO) DUPLEX RECEPTACLE: 20A, 125V, NEMA 5-20, +18" AFF (UNO) DUPLEX RECEPTACLE: FLOOR MOUNTED QUAD RECEPTACLE: 20A, 125V, NEMA 5-20, +18" AFF (UNO) QUAD RECEPTACLE: FLOOR MOUNTED ISOLATED GROUND TYPE RECEPTACLE (ORANGE TRIANGLE) - 20A, 125V, NEMA 5-2018, +18" AFF (UNO) DUPLEX RECEPTACLE GFI TYPE - 20A, 125V, NEMA 5-20 GFI +18" AFF (UNO) DUPLEX RECEPTACLE: ABOVE COUNTER (VERIFY HEIGHT) SPECIAL PURPOSE RECEPT.: SEE DWGS FOR NEMA CONFIG. DUPLEX RECEPTACLE: CEILING MOUNTED MULTI-OUTLET ASSEMBLY: SPACING PER DWGS 	<ul style="list-style-type: none"> GROUND FAULT INTERRUPTER DEVICE METERING DEVICE REMOTE METER SHUNT TRIP DEVICE TRANSFORMER CURRENT TRANSFORMER GENERATOR MOTOR - # INDICATES HP INTERRUPTER SWITCH GROUND FAULT RELAY W/ CT OR SENSOR FUSE CIRCUIT BREAKER DRAINOUT CIRCUIT BREAKER TRANSFER SWITCH (A=AUTOMATIC, M=MANUAL) # FOR POLES 2, 3 OR 4 SURGE PROTECTION DEVICE 	<ul style="list-style-type: none"> A AMPS ADA AMERICANS WITH DISABILITIES ACT AFC ABOVE FINISHED CEILING AFCI ARC-FAULT CIRCUIT INTERRUPTER AFF ABOVE FINISHED FLOOR AFG ABOVE FINISHED GRADE AHL AUTHORITY HAVING JURISDICTION AIC AMP INTERRUPTING CAPACITY AL ALUMINUM ATS AUTOMATIC TRANSFER SWITCH AWG AMERICAN WIRE GAUGE BC BARE COPPER BKR BREAKER C CONDUIT/RACEWAY CEC CALIFORNIA ENERGY COMMISSION CKT CIRCUIT CL&S CEILING CONDUIT/RACEWAY ONLY CO CURRENT TRANSFORMER CT COPPER DB DISTRIBUTION BOARD DDC DIRECT DIGITAL CONTROLLER DPDT DOUBLE-POLE, DOUBLE-THROW DPST DOUBLE-POLE, SINGLE-THROW DWG DRAWING (E) EXISTING TO REMAIN ELEC ELECTRICAL EM EMERGENCY EMT ELECTRICAL METALLIC TUBING (F) FUSE FLA FULL LOAD AMPS FMG FLEXIBLE METAL CONDUIT (STEEL) FPEN FUSE PER EQUIP. NAMEPLATE GFI GROUND FAULT INTERRUPT GFR GROUND FAULT RELAY GND GROUND HID HIGH INTENSITY DISCHARGE HOA HAND-OFF-AUTO SWITCH HP HORSEPOWER HSKP HOUSEKEEPING IMC INTERMEDIATE METAL CONDUIT J-BOX JUNCTION BOX K kcmil (BOOK = 300 kcmil) KVA KILOVOLT AMPS KW KILOWATT LTS LIGHTING IG ISOLATED GROUND NCB MAIN CIRCUIT BREAKER MCM THOUSAND CIRCULAR MILS MFG MANUFACTURER MLO MAIN LUGS ONLY MS MOTOR STARTER MSB MAIN SWITCHBOARD MTS MANUAL TRANSFER SWITCH NC NORMALLY CLOSED NEC NATIONAL ELECTRICAL CODE NEMA NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION NOT IN CONTRACT NL NIGHTLIGHT NO NORMALLY OPEN NTS NOT TO SCALE NVE NV ENERGY P POLE PH/φ PHASE PV PHOTOVOLTAIC PANEL PANEL PTC PV USA TEST CONDITIONS PWR POWER (R) RELOCATED (RE) REMOVE AND REINSTALL RAC RIGID ALUMINUM CONDUIT RFC RIGID FIBERGLASS CONDUIT RSC RIGID STEEL CONDUIT SE SERVICE ENTRANCE SPD SURGE PROTECTION DEVICE SPST SINGLE-POLE, DOUBLE-THROW SPST SINGLE-POLE, SINGLE-THROW STC STANDARD TEST CONDITIONS SW SWITCH TE TELECOM TIB TELEPHONE TERMINATION BOARD TYP TYPICAL UL UNDERWRITER'S LABORATORY UNO UNLESS NOTED OTHERWISE UNSW UNSWITCHED UPS UNINTERRUPTED POWER SUPPLY V VOLTS VA VOLT AMPS VFD VARIABLE FREQUENCY DRIVE W WATTS WP WEATHER PROOF (X) EXISTING TO BE REMOVED XFMR OR XF TRANSFORMER
<ul style="list-style-type: none"> S SINGLE POLE SWITCH 48" AFF (UNO) S₃ THREE WAY SWITCH 48" AFF (UNO) S₄ FOUR WAY SWITCH 48" AFF (UNO) S₄ KEY OPERATED SWITCH 48" AFF (UNO) S₄ SWITCH WITH LIGHTED HANDLE S₄ MANUAL MOTOR STARTER S₄ SWITCH WITH PILOT LIGHT 48" AFF (UNO) S₄ TIME WALL SWITCH 48" AFF (UNO) D DIMMER OPERATED SWITCH 48" AFF (UNO) ↑ OCCUPANCY SENSOR - WALL MOUNTED 48" AFF (UNO) ↻ = 360° OCCUPANCY SENSOR - CEILING MOUNTED. ARROWS INDICATE COVERAGE, DIRECTION & PATTERN. PROVIDE WITH POWER PACK PER MFG REQUIREMENTS. ↻ = 180° ↻ = 90° □ CONTROL STATION □ CONTACTOR OR RELAY ☉ PHOTOELECTRIC CELL (ON ROOF FACING NORTH UNO) ⌚ TIMECLOCK 	<ul style="list-style-type: none"> ▽ DATA / VOICE OUTLET: 18" AFF (UNO) - 1 VOICE, 1 DATA JACK, 2 BLANKS ▽ DATA / VOICE OUTLET: FLOOR MOUNTED ▽▽ DATA / VOICE OUTLET: ABOVE COUNTER (VERIFY HEIGHT) ▽▽ MULTI-OUTLET ASSEMBLY: SPACING PER DWGS ▽ TELEPHONE OUTLET: 18" AFF (UNO) ▽ DATA OUTLET: 18" AFF (UNO) ⊙ SPEAKER TV TELEVISION OUTLET: 18" AFF (UNO) TTB TELEPHONE TERMINAL BOARD (TTB) VOLUME CONTROL ⊥ GROUNDING BAR 	<ul style="list-style-type: none"> NO NORMALLY OPEN (NO) CONTACT NC NORMALLY CLOSED (NC) CONTACT ⊙ COIL - VOLTAGE PER CONTROL DIAGRAMS ⊙ PILOT LIGHT (LED) PUSH-TO-TEST. LETTER INDICATES COLOR (R=RED, G=GREEN, A=AMBER, Y=YELLOW) ⊙ PILOT LIGHT (LED) NON PUSH-TO-TEST — THERMAL OVERLOAD — MAGNETIC OVERLOAD ⊙ PUSH BUTTON NORMALLY OPEN (NO) ⊙ PUSH BUTTON NORMALLY CLOSED (NC) HOA HAND-OFF-AUTO (HOA) SELECTOR SWITCH NO LIMIT SWITCH NORMALLY OPEN (NO) NC LIMIT SWITCH NORMALLY CLOSED (NC) ⊙ PUSH BUTTON ILLUMINATED (LED) 	<ul style="list-style-type: none"> ⊙ LIGHTING FIXTURE - LOWERCASE LETTER DENOTES SWITCHING (a = CENTER LAMP, b = OUTER LAMPS) □ WALL MOUNTED FIXTURE ○ RECESSED DOWNLIGHT ○ SURFACE LUMINAIRE □ POLE MOUNTED LIGHT (# OF HEADS INDICATED ON DRAWING) — FLUORESCENT STRIP FIXTURE ⊙ BOLLARD ○ RECESSED DOWNLIGHT (WALL WASH) — TRACK LIGHTING ⊙ EMERGENCY LIGHTING UNIT ⊙ EXIT SIGN FIXTURE - SHADED AREA DENOTES LIGHTED FACE - ARROWS DENOTE DIRECTION ⊙ EMERGENCY FIXTURE
<ul style="list-style-type: none"> — CONDUIT/RACEWAY IN WALL OR ABOVE CEILING --- CONDUIT/RACEWAY BELOW GRADE OR BELOW FLOOR ○ CONDUIT/RACEWAY UP ● CONDUIT/RACEWAY DOWN — BREAK OR RUN CONTINUES — OH OVERHEAD SERVICE — P PRIMARY — S SECONDARY — C COMMUNICATIONS OR SIGNAL — T TELEPHONE — TV TELEVISION — LOW VOLTAGE AND/OR CONTROL WIRING —*-*— EMERGENCY CIRCUIT — CONDUIT/RACEWAY STUB OUT: MARK AND CAP (SITE) — CONDUIT/RACEWAY SLEEVE 	<ul style="list-style-type: none"> ⊙ LIGHTING FIXTURE - LOWERCASE LETTER DENOTES SWITCHING (a = CENTER LAMP, b = OUTER LAMPS) □ WALL MOUNTED FIXTURE ○ RECESSED DOWNLIGHT ○ SURFACE LUMINAIRE □ POLE MOUNTED LIGHT (# OF HEADS INDICATED ON DRAWING) — FLUORESCENT STRIP FIXTURE ⊙ BOLLARD ○ RECESSED DOWNLIGHT (WALL WASH) — TRACK LIGHTING ⊙ EMERGENCY LIGHTING UNIT ⊙ EXIT SIGN FIXTURE - SHADED AREA DENOTES LIGHTED FACE - ARROWS DENOTE DIRECTION ⊙ EMERGENCY FIXTURE 	<ul style="list-style-type: none"> TICS = NO. OF #12 WIRES (UNO) IF MORE THAN TWO WITHIN RACEWAY. GROUNDING CONDUCTOR (NOT SHOWN) ALWAYS REQUIRED. — ISOLATED GROUNDING CONDUCTOR — NEUTRAL CONDUCTOR — PHASE CONDUCTOR(S) — BRANCH CIRCUIT (WHEN TIC MARKS ARE NOT SHOWN) = (1) PHASE, (1) NEUTRAL AND (1) GROUNDING CONDUCTOR — HOMERUN TO PANELBOARD OR DEVICE HA-(1,3,5)G HOMERUN CIRCUIT DESIGNATION — GROUNDING CONDUCTOR — NEUTRAL CONDUCTOR (N#1, 2N#2 NEUTRALS, 3N#3 NEUTRALS) — PHASE CONDUCTOR(S) — PANELBOARD DESIGNATION HA-(1,3,5)G HOMERUN CIRCUIT DESIGNATION (3 PHASE CIRCUIT SHOWN) — GROUNDING CONDUCTOR — PHASE CONDUCTOR(S) — PANELBOARD DESIGNATION 	<ul style="list-style-type: none"> 1 THERMOSTAT (PROVIDED BY MECH. CONTRACTOR UNO) 1 JUNCTION BOX (SIZE AS REQUIRED UNO) 3 SHEET NOTE DESIGNATION F1 FIXTURE DESIGNATION: F1=TYPE (SEE FIXTURE SCH.) Δ REVISION DELTA: NUMBER REPRESENTS REVISION 1253 FEEDER DESIGNATION AHJ 2 EQUIPMENT CONNECTION 20 SINGLE POLE CIRCUIT BREAKER 20/2 TWO POLE CIRCUIT BREAKER 20/3 THREE POLE CIRCUIT BREAKER 20A ARC FAULT CIRCUIT BREAKER 20C CONTROLLABLE CIRCUIT BREAKER 20G GFI CIRCUIT BREAKER L = LIGHTING R = RECEPTACLES E = EQUIPMENT M = MOTOR MI = LARGEST MOTOR K = KITCHEN EQUIP H = ELECTRIC HEAT

NOTE: THIS IS A MASTER SYMBOL LIST. IT MAY BE THAT NOT ALL SYMBOLS SHOWN ARE USED WITHIN THIS SET OF PLANS. HEIGHTS GIVEN ARE TO CENTER LINE OF DEVICE.

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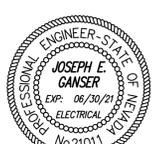
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SECTION 16000 ELECTRICAL SPECIFICATIONS

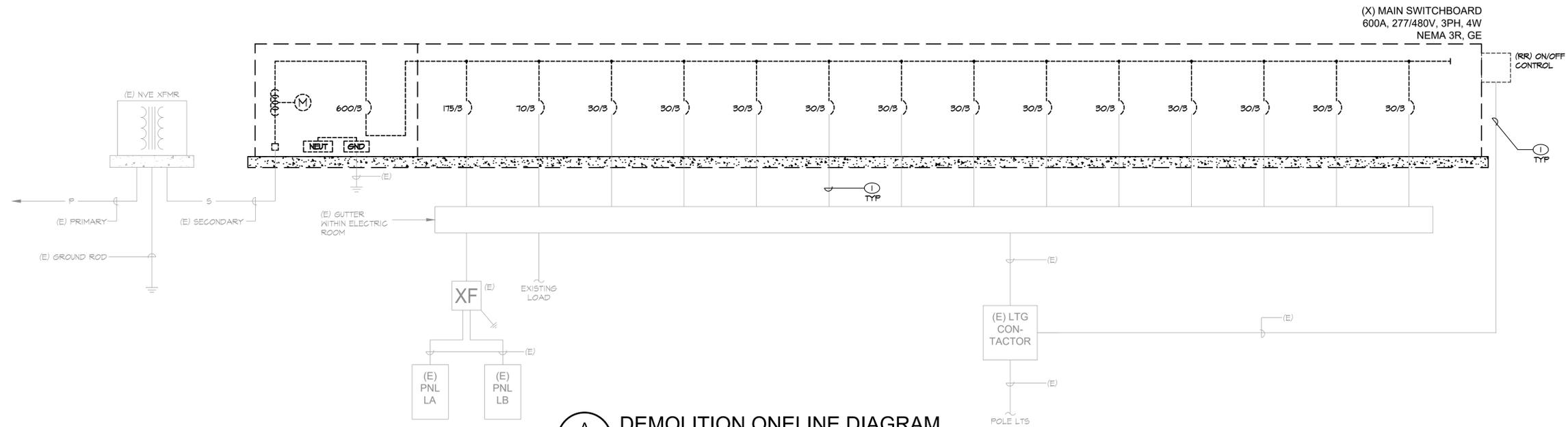
ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION
1.1	<p>PART 1 - GENERAL SUMMARY</p> <ul style="list-style-type: none"> THE WORK UNDER THIS DIVISION SHALL CONSIST OF ALL LABOR, MATERIALS, EQUIPMENT, SERVICES AND RELATED ACCESSORIES, ETC. NECESSARY AND REQUIRED TO COMPLETE ALL WORK AS SHOWN OR INFERRED ON THE DRAWINGS AND IN THE SPECIFICATIONS (CONTRACT DOCUMENTS). PROVIDE FIXED ELECTRICAL EQUIPMENT, EXCEPT WHERE SPECIFICALLY NOTED OTHERWISE. PROVIDE EQUIPMENT AND/OR WIRING NORMALLY FURNISHED OR REQUIRED FOR COMPLETE ELECTRICAL SYSTEMS BUT NOT SPECIFICALLY SPECIFIED ON THE DRAWINGS AND/OR IN SPECIFICATIONS, AS THOUGH SPECIFIED BY BOTH. ALL EQUIPMENT AND WIRING SHALL BE NEW, EXCEPT WHERE SPECIFICALLY SHOWN OR SPECIFIED OTHERWISE. 			2.4	<p>WIRING</p> <ul style="list-style-type: none"> WIRE SHALL BE COPPER UNLESS OTHERWISE INDICATED. MINIMUM WIRE SIZE SHALL BE #12 AWG. WHERE ALUMINUM IS ALLOWED, WIRE SHALL BE TERMINATED IN AN INSULATED QUAL RATED COMPRESSION TERMINAL FITTING (MAC-ADAPT OR EQUAL). INSULATION SHALL BE THX, THN OR THHN. UNLESS OTHERWISE REQUIRED BY LOCAL ORDINANCES, GROUND WIRES SHALL BE GREEN, NEUTRAL WIRES SHALL BE WHITE (20V) OR GREY (277V) AND PHASE WIRES SHALL BE BLACK (PHASE A), RED (PHASE B), AND BLUE (PHASE C) FOR A 120/208 VOLT SYSTEM AND BROWN (PHASE A), ORANGE (PHASE B), AND YELLOW (PHASE C) FOR A 277/480 VOLT SYSTEM.
1.2	<p>RELATED WORK SPECIFIED ELSEWHERE</p> <p>COORDINATION: THE EXTERIOR DRAWINGS CONTAIN DETAIL DESCRIPTIONS, CIRCUITING AND CONNECTION REQUIREMENTS WHICH ARE PART OF DIVISION 16 RESPONSIBILITIES. ELECTRICAL CONTRACTOR SHOULD NOT SUBMIT BIDS ON THIS PROJECT BEFORE REVIEWING ALL PROJECT DRAWINGS, SPECIALS AND APPENDIX.</p> <p>ADOPTED CODES</p> <ul style="list-style-type: none"> INTERNATIONAL BUILDING CODE (IBC) PUBLISHED BY THE INTERNATIONAL CODE COUNCIL (ICC). NATIONAL ELECTRICAL CODE (NEC) PUBLISHED BY THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA). INTERNATIONAL FIRE CODE (IFC) PUBLISHED BY THE INTERNATIONAL CODE COUNCIL. NATIONAL FIRE CODE (NFC) PUBLISHED BY THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) AS REFERENCED IN THE 2006 INTERNATIONAL FIRE CODE. INTERNATIONAL ENERGY CONSERVATION CODE (IECC) PUBLISHED BY THE INTERNATIONAL CODE COUNCIL. ASHRAE 90.1-2004 IS INCORPORATED BY REFERENCE. ALL APPLICABLE PROVISIONS OF THE NEVADA REVISED STATUTES (NRS) AND THE NEVADA ADMINISTRATIVE CODE (NAC), INCLUDING THOSE LISTED BELOW. THE MOST CURRENT REGULATIONS OF THE STATE FIRE MARSHAL, NEVADA DEPARTMENT OF PUBLIC SAFETY, CARSON CITY, NEVADA (NAC CHAPTER 411, STATE FIRE MARSHAL). THE MOST CURRENT EDITION OF THE AMERICANS WITH DISABILITIES ACT (ADA) PUBLISHED BY THE UNITED STATES DEPARTMENT OF JUSTICE INCLUDING THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG). 			3.1	<p>PART 5 - EXECUTION</p> <p>VISIT SITE</p> <ul style="list-style-type: none"> VISIT SITE, AND SURVEY EXISTING CONDITIONS AFFECTING WORK PRIOR TO BID. INCLUDE NECESSARY MATERIALS AND LABOR TO ACCOMPLISH THE ELECTRICAL WORK, INCLUDING RELOCATION OF EXISTING SERVICES AND UTILITIES ON BUILDING SITE IN BID. NO CONSIDERATION SHALL BE GIVEN TO FUTURE CLAIMS DUE TO EXISTING CONDITIONS. ANY DISCREPANCIES OR INTERFERENCES SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER.
1.3		1.7	<p>COPYRIGHT</p> <p>THESE PLANS, SPECIFICATIONS, AND ALL RELATED APPENDIX AND DOCUMENTS CONSTITUTE COPYRIGHT MATERIALS OF PK ELECTRICAL. ALL RIGHTS CONFERRED BY THE COPYRIGHT AND SIMILAR LAWS ARE RESERVED TO PK ELECTRICAL. THESE MATERIALS SHALL REMAIN THE SOLE PROPERTY OF PK ELECTRICAL AND MAY NOT BE REPRODUCED, DISTRIBUTED TO OTHERS OR USED FOR ANY PURPOSE WHATSOEVER WITHOUT THE PRIOR WRITTEN CONSENT OF PK ELECTRICAL.</p> <p>SUBSTITUTIONS</p> <p>BEFORE ORDERING ANY EQUIPMENT, CONTRACTOR SHALL SUBMIT FACTORY SHOP DRAWINGS FOR ALL LIGHTING FIXTURES, LIGHTING CONTROLS, SWITCHGEAR, PANELS, CIRCUIT BREAKERS, MOTOR CONTROLLERS, DISCONNECTS, WIRING DEVICES, PLATES, RACEWAYS AND FITTINGS, ETC. PROPOSED FOR THIS PROJECT.</p> <p>PROPOSED SUBSTITUTIONS SHALL BE EQUAL OR SUPERIOR TO SPECIFIED ITEMS IN ALL RESPECTS. DETERMINATION OF EQUALITY RESTS SOLELY WITH ENGINEER. SUBSTITUTIONS MUST BE SUBMITTED A MINIMUM OF 10 WORKING DAYS PRIOR TO BID FOR CONSIDERATION. PROPOSED SUBSTITUTIONS PROVIDED LATER WILL NOT BE REVIEWED OR ALLOWED. BID SUBSTITUTED MATERIAL WILL ONLY BE EXAMINED IF ACCEPTED IN WRITING BY ENGINEER.</p> <p>EXAMINATION OF SITE AND EXISTING CONDITIONS</p> <p>BEFORE SUBMITTING A PROPOSAL, CONTRACTOR SHALL EXAMINE THE SITE AND FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS AND LIMITATIONS. NO EXTRAS WILL BE ALLOWED BECAUSE OF THE CONTRACTOR'S MISUNDERSTANDING OF THE AMOUNT OF WORK INVOLVED OR HIS LACK OF KNOWLEDGE OF ANY SITE CONDITIONS WHICH MAY AFFECT HIS WORK. ANY APPARENT VARIANCE OF THE DRAWINGS OR SPECIFICATIONS FROM THE EXISTING CONDITIONS AT THE SITE SHALL BE CALLED TO ATTENTION OF THE ENGINEER BEFORE SUBMITTING A PROPOSAL.</p>	3.2	<p>WORKSHEET</p> <ul style="list-style-type: none"> ALL WORK PERFORMED SHALL BE FIRST CLASS WORK IN EVERY ASPECT. THE WORK SHALL BE PERFORMED BY MECHANICS SKILLED IN THEIR RESPECTIVE TRADES, WHO SHALL AT ALL TIMES BE UNDER THE SUPERVISION OF COMPETENT PERSONS. ALL WORK SHALL BE INSTALLED TO COMPLY WITH NECA'S "STANDARD OF INSTALLATION." IN ADDITION TO THE MATERIALS SPECIFIED ELSEWHERE, FURNISH AND INSTALL ALL OTHER MISCELLANEOUS ITEMS NECESSARY FOR THE COMPLETION OF THE WORK TO THE EXTENT THAT ALL SYSTEMS ARE COMPLETE AND OPERATIVE. ALL WORK UNDER THIS SECTION SHALL BE PERFORMED IN COOPERATION WITH THE WORK PERFORMED UNDER ALL OTHER SECTIONS OF THE SPECIFICATIONS FOR THE PROJECT IN ORDER TO AVOID INTERFERENCE WITH OTHER WORK AND TO SECURE THE PROPER INSTALLATION OF ALL WORK. REFER TO THE DRAWINGS AND SPECIFICATIONS COVERING THE WORK TO BE PERFORMED UNDER ALL SECTIONS, SO THAT THE RELATION AND EXTENT OF THE WORK OF THIS SECTION WITH RESPECT TO THE WORK OF ALL OTHER SECTIONS IS UNDERSTOOD. GIVE RIGHT OF WAY TO RACEWAYS AND PIPING SYSTEMS INSTALLED AT A REQUIRED SLOPE. CONDUIT SYSTEMS MUST BE COMPLETE PRIOR TO INSTALLATION OF WIRING. <p>CHANGE ORDERS</p> <ul style="list-style-type: none"> ADDITIONAL WORK MAY BE REQUIRED ON THE PROJECT WHICH IS OUTSIDE THE SCOPE OF THE CONTRACT. SUCH ADDITIONAL WORK WILL BE DESCRIBED IN SUPPLEMENTAL INSTRUCTIONS AND/OR CLARIFICATIONS TO BE ESTIMATED AND PRICED BY THE CONTRACTOR, AND ACCEPTED BY THE OWNER, PRIOR TO COMMENCING WORK. PROPOSALS SHALL INCLUDE A LIST OF QUANTITIES OF ALL MATERIAL BEING USED WITH UNIT COSTS BROKEN DOWN INTO MATERIAL AND LABOR COSTS PER UNIT. CONTRACTOR SHALL PROVIDE ACTUAL EQUIPMENT QUOTES WHEN REQUESTED BY ENGINEER. MATERIAL COSTS AND LABOR UNITS SHALL NOT EXCEED THE LATEST EDITION OF RS MEANS ELECTRICAL COST DATA.
1.4	<p>DEFINITIONS</p> <ul style="list-style-type: none"> FURNISH, INSTALL, CONNECT AND TEST UNTIL COMPLETE WIRE FURNISH ALL NECESSARY WIRING, CONNECT AND TEST UNTIL COMPLETE INSTALL WIRE, SET IN PLACE, WIRE AND TEST UNTIL COMPLETE WORK MATERIALS COMPLETELY INSTALLED, CONNECTED, AND TESTED UNTIL COMPLETE EQUAL ACCEPTABLE EQUAL, AS DETERMINED BY THE ENGINEER 	1.10	<p>REQUIREMENTS OF REGULATORY AGENCIES</p> <ul style="list-style-type: none"> OBTAIN AND PAY FOR ALL PERMITS AND INSPECTIONS REQUIRED FOR THE WORK. COMPLY WITH ALL ORDINANCES PERTAINING TO WORK DESCRIBED HEREIN. PAY ALL EXPENSES ARISING FROM THE PROCUREMENT OF THESE CERTIFICATES AND INCLUDE IN THE BASE CONTRACT PRICE. INSTALL WORK UNDER THIS DIVISION PER DRAWINGS, SPECIFICATIONS, LATEST ADOPTED EDITION OF THE NATIONAL ELECTRICAL CODE (NEC), INCLUDING LOCAL AMENDMENTS AND INTERPRETATIONS, LOCAL ADOPTED BUILDING CODES, AND ANY SPECIAL CODES HAVING JURISDICTION OVER SPECIFIC PORTIONS OF WORK WITHIN COMPLETE INSTALLATION. IN EVENT OF CONFLICT, INSTALL WORK PER MOST STRINGENT CODE REQUIREMENTS DETERMINED BY ENGINEER. THIS DOES NOT RELIEVE THE CONTRACTOR FROM FURNISHING AND INSTALLING WORK SHOWN OR SPECIFIED WHICH MAY EXCEED THE REQUIREMENTS OF SUCH ORDINANCES, LAWS, REGULATIONS AND CODES. ALL MATERIALS, PRODUCTS, DEVICES, FIXTURES, FORMS OR TYPES OF CONSTRUCTION INCLUDED IN THIS PROJECT SHALL MEET OR EXCEED THE PUBLISHED REQUIREMENTS OF NATIONAL ELECTRICAL CODE (NEC), AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI), INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE) AND NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATIONS (NEMA). ALL EQUIPMENT SHALL BEAR THE UNDERWRITER'S LABORATORIES (UL) LABEL OR EQUIVALENT FROM APPROVED INDEPENDENT TESTING LABORATORY. ARRANGE, PAY FEES FOR AND COMPLETE WORK TO PASS REQUIRED TESTS BY AGENCIES HAVING AUTHORITY OVER WORK. DELIVER TO ENGINEER COPIES OF THE CERTIFICATES OF INSPECTION AND APPROVAL ISSUED BY AUTHORITIES AND PROVIDE ORIGINAL COPY OF EACH CERTIFICATE TO OWNER. WHEN REQUIRED BY LAW OR REGULATIONS, THE GOVERNMENTAL AGENCY HAVING JURISDICTION FOR INSPECTIONS SHALL BE GIVEN REASONABLE NOTICE AND OPPORTUNITY TO INSPECT THE WORK. ANY WORK THAT IS ENCLOSED OR COVERED UP BEFORE SUCH INSPECTION AND TEST SHALL BE UNCOVERED AT THE CONTRACTOR'S EXPENSE. AFTER IT HAS BEEN INSPECTED, THE CONTRACTOR SHALL RESTORE THE WORK TO ITS ORIGINAL CONDITION AT HIS OWN EXPENSE. 	3.3	<p>GUARANTEE</p> <ul style="list-style-type: none"> FURNISH THE OWNER A WRITTEN GUARANTEE, STATING THAT IF THE WORKMANSHIP AND/OR MATERIAL EXECUTED UNDER THIS DIVISION IS PROVEN DEFECTIVE WITHIN (1) YEAR AFTER THE FINAL ACCEPTANCE BY THE OWNER, SUCH DEFECTS AND OTHER WORK DAMAGED WILL BE REPAIRED AND/OR REPLACED, SUBMIT WITH OPERATION AND MAINTENANCE MANUALS. OBTAIN FROM THE VARIOUS MANUFACTURERS OR VENDORS GUARANTEES OR WARRANTIES FOR THEIR PARTICULAR EQUIPMENT OR COMPONENTS, AND DELIVER THEM TO THE OWNER. ALL GUARANTEES AND WARRANTIES PROVIDED SHALL BE REFERENCED TO THIS PROJECT. IN EVENT THAT SYSTEMS ARE PLACED IN OPERATION IN SEVERAL PHASES AT THE OWNER'S REQUEST, GUARANTEE WILL BEGIN ON DATE EACH SYSTEM OR ITEM OF EQUIPMENT IS ACCEPTED FOR SERVICE BY THE OWNER, PROVIDE O&M MANUALS FOR ALL EQUIPMENT WHEN EQUIPMENT IS ACCEPTED FOR SERVICE BY THE OWNER. ALL GUARANTEES AND WARRANTIES SHALL INCLUDE LABOR AND MATERIAL AT THE SITE OF INSTALLATION FOR THE DURATION OF THE GUARANTEE PERIOD. <p>OBSERVATIONS OF WORK AND DEMONSTRATION OF OPERATION (ACCEPTANCE)</p> <ul style="list-style-type: none"> AT ALL OBSERVATIONS OF WORK, OPEN PANEL COVERS, JUNCTION BOX COVERS, FULL BOX COVERS, DEVICE COVERS, AND OTHER EQUIPMENT WITH REMOVABLE PLATES FOR OBSERVATION AS REQUESTED BY AHJ OR ENGINEER. PROVIDE SUFFICIENT PERSONNEL TO EXPEDITE COVER REMOVAL AND REPLACEMENT. CONTRACTOR TO DEMONSTRATE OPERATION OF NEW EQUIPMENT AND/OR SYSTEMS TO SATISFACTION OF OWNER/ENGINEER. CONTRACTOR TO HAVE MANUFACTURER AVAILABLE FOR DEMONSTRATION OF EQUIPMENT AND/OR SYSTEMS WHERE REQUESTED BY OWNER/ENGINEER. FURNISH AFFIDAVIT SIGNED BY OWNER'S REPRESENTATIVE INDICATING THAT DEMONSTRATION OF OPERATION HAS BEEN PERFORMED.
1.5	<p>DRAWINGS AND SPECIFICATIONS</p> <ul style="list-style-type: none"> DRAWINGS AND SPECIFICATIONS ARE COMPLEMENTARY. WORK CALLED FOR BY ONE IS BINDING AS IF CALLED FOR BY BOTH. ANY DISCREPANCIES BETWEEN DRAWINGS AND SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR CLARIFICATION DURING THE BIDDING PERIOD. NO ALLOWANCE SHALL SUBSEQUENTLY BE MADE TO THE CONTRACTOR BY REASON OF HIS FAILURE TO HAVE BROUGHT SAID DISCREPANCIES TO THE ATTENTION OF THE CONSULTANT DURING THE BIDDING PERIOD OR BY REASON OF ANY ERROR ON THE CONTRACTOR'S PART. DRAWINGS ARE SCHEMATIC AND DIAGRAMMATIC IN NATURE. DRAWINGS SHOW GENERAL RUN OF CIRCUITS AND APPROXIMATE LOCATION OF EQUIPMENT. THE CONTRACTOR SHALL REVIEW DRAWINGS OF ALL TRADES TO ASSURE COORDINATION PRIOR TO PLACEMENT OF WORK. RIGHT IS RESERVED TO CHANGE LOCATION OF EQUIPMENT AND DEVICES, AND ROUTING OF CONDUITS WITHIN 10 FEET, WITHOUT EXTRA COST TO OWNER (PRIOR TO ROUGH-IN). USE DIMENSIONS IN FIGURES, SHOP DRAWINGS, ETC. AND ACTUAL SITE MEASUREMENTS IN PREFERENCE TO SCALED DIMENSIONS. DO NOT SCALE DRAWINGS FOR EXACT SIZES OR LOCATIONS - USE DIMENSIONED DETAILS OR ACTUAL FIELD CONDITIONS. VERIFY ITEM MOUNTING HEIGHTS AS REQUIRED BY PROJECT CONDITIONS PRIOR TO ROUGH-IN. THE ARCHITECTURAL DRAWINGS SHALL TAKE PRECEDENCE OVER ALL OTHER DRAWINGS IN MATTERS OF DIMENSIONS, DISCREPANCIES BETWEEN DIFFERENT DRAWINGS OR BETWEEN DRAWINGS AND SPECIFICATIONS, OR REGULATIONS AND CODES GOVERNING THE INSTALLATION SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IN WRITING FOR DETERMINATION. LAYOUT EQUIPMENT AS SHOWN ON DRAWINGS AS CLOSE AS POSSIBLE. VERIFY ACCESS REQUIREMENTS FOR EQUIPMENT ACTUALLY FURNISHED AND ADJUST LAYOUT TO COMPLY WITH NEC 110.1(R) IS RESERVED TO CHANGE LAYOUT WITHIN 10 FEET WITHOUT ADDITIONAL COST (PRIOR TO ROUGH-IN). THE CONTRACTOR IS RESPONSIBLE TO FIELD MEASURE AND CONFIRM THE MOUNTING HEIGHTS AND LOCATION OF ELECTRICAL EQUIPMENT WITH RESPECT TO COUNTERS, DOORWAYS, AND OTHER ARCHITECTURAL, MECHANICAL OR STRUCTURAL WORK. DO NOT SCALE DISTANCES OFF THE ELECTRICAL DRAWINGS. USE ACTUAL BUILDING DIMENSIONS. 	1.11	<p>PART 2 - PRODUCTS</p> <p>MATERIALS</p> <ul style="list-style-type: none"> ALL MATERIAL SHALL BE NEW, AND HAVE A UL LABEL WHERE AVAILABLE. IF UL LABEL IS NOT AVAILABLE, MATERIAL SHALL BE MANUFACTURED IN ACCORDANCE WITH APPLICABLE NEMA, IEEE AND FEDERAL STANDARDS. USE UL LABELED COMPONENTS IN ASSEMBLIES THAT DO NOT HAVE OVERALL UL LABEL. ALL EQUIPMENT SHALL COMPLY WITH THE TERMS "LISTED AND LABELED" AS DEFINED IN THE NEC 10, ARTICLE 100. SUBMIT LETTER STATING COMPLIANCE WITH THESE REQUIREMENTS. UTILIZE ONE OF THE MANUFACTURERS LISTED TO FURNISH ALL OF THE MAJOR EQUIPMENT (I.E. PANELS, TRANSFORMERS, BUS DUCT, SWITCHGEAR, CIRCUIT BREAKERS, ETC.) REQUIRED FOR THIS PROJECT. ALL MATERIAL AND EQUIPMENT SHALL BE NEW AND OF THE HIGHEST QUALITY AVAILABLE ("SPECIFICATION GRADE"). SERVICE EQUIPMENT SHALL BE FACTORY-ASSEMBLED COMMERCIAL-GRADE, CONFIGURED PER SERVING UTILITY STANDARDS. WIRING DEVICES SHALL BE SPECIFICATION GRADE WITH NYLON PLATES, WHITE UNLESS OTHERWISE NOTED, RAISED STEEL BOX COVERS MAY BE USED IN UTILITY AREAS. ALL EQUIPMENT AND CIRCUITING ACCESSIBLE BY THE PUBLIC SHALL BE TAMPER-PROOF AND VANDAL RESISTANT. OPENABLE DEVICES AND EQUIPMENT SHALL BE PADLOCKABLE. <p>PANELBOARDS</p> <p>PANELS SHALL HAVE FLUSH MONO-FLAT TRIM, LOCKING DOOR-IN-DOOR HINGED COVERS AND BOLT-ON CIRCUIT BREAKERS. BUGGING SHALL BE COPPER UNLESS INDICATED ON DRAWINGS. FLUSH-MOUNTED PANELS SHALL HAVE EMPTY CONDUITS STUBBED TO ACCESSIBLE ATTIC SPACE. ONE 1" CONDUIT FOR EACH FOUR SPARE SPACE CIRCUITS. PROVIDE ONE TYPED AND ONE SPARE PANEL SCHEDULE FOR OWNER'S USE. SCHEDULES SHALL BE TWO COLUMN TYPE WITH ODD CIRCUIT NUMBERS ON THE LEFT AND EVEN NUMBERS ON THE RIGHT.</p>	3.4	<p>COOPERATION</p> <ul style="list-style-type: none"> CAREFULLY COORDINATE WORK WITH OTHER CONTRACTORS AND SUBCONTRACTORS. REFER CONFLICTS BETWEEN TRADES TO ENGINEER. PROVIDE NECESSARY INFORMATION TO OTHER TRADES FOR SUCH COORDINATION. SUCH INFORMATION SHALL INCLUDE SHOP DRAWINGS, PRODUCT DATA AND ALL OTHER REQUIRED DATA. PROVIDE A SYSTEM ERECTION/COORDINATION DRAWINGS SHOWING ELECTRICAL, HVAC, PLUMBING AND ARCHITECTURAL FOR INSTALLATION IN CONGESTED AREAS WHEN REQUESTED. WHENEVER SUCH INFORMATION IS NOT PROVIDED IN A TIMELY MANNER OR WHENEVER SUCH INFORMATION IS INCORRECT, THIS CONTRACTOR SHALL BEAR ALL COSTS FOR PROVIDING OR CORRECTING AFFECTED WORK OF RELATED TRADES WITH NO CHANGE TO THE CONTRACT PRICE OR CONSTRUCTION SCHEDULE. WORK TO BE INSTALLED AS PROGRESS OF PROJECT WILL ALLOW. SCHEDULE OF WORK DETERMINED BY GENERAL CONTRACTOR, OWNER, AND/OR ARCHITECT/ENGINEER. <p>COORDINATION OF UTILITY SERVICES</p> <ul style="list-style-type: none"> DRAWINGS INDICATE PROPOSED SERVICE LAYOUTS. THE CONTRACTOR SHALL PROVIDE ALL CONCRETE STRUCTURES, PULLBOXES, VAULTS, TRENCHING, RACEWAYS, PROTECTIVE BOLLARDS, ETC., AS REQUIRED PER NV ENERGY STANDARDS (ELECTRICAL UTILITY), AT&T (TELEPHONE COMPANY) AND CHARTER (CATV UTILITY) STANDARDS. CONTRACTOR IS RESPONSIBLE FOR SUBMITTING PROJECT DRAWINGS, APPLICATION, AND EQUIPMENT SHOP DRAWINGS TO THE UTILITY. UTILITY FEES TO BE PAID BY PROJECT OWNER. <p>DELIVERY, STORAGE AND HANDLING</p> <ul style="list-style-type: none"> DELIVER EQUIPMENT AND MATERIALS TO JOB SITE IN ORIGINAL, UNOPENED, LABELED CONTAINER. PRODUCTS SHALL BE PROPERLY IDENTIFIED WITH NAMES, MODEL NUMBERS, TYPES, GRADES, COMPLIANCE LABELS AND OTHER INFORMATION NEEDED FOR IDENTIFICATION. STORE TO PREVENT DAMAGE AND INJURY. STORE MATERIALS TO PREVENT CORROSION. STORE FINISHED MATERIALS AND EQUIPMENT TO PREVENT STAINING AND DISCOLORING. STORE MATERIALS AFFECTED BY CONDENSATION IN WARM DRY AREAS. PROVIDE HEATERS. CONTRACTOR SHALL VERIFY THE AVAILABILITY OF ON SITE STORAGE SPACE, IF NO ON SITE STORAGE SPACE IS AVAILABLE THEN THE CONTRACTOR SHALL COVER THE COST FOR OFF SITE STORAGE. MATERIALS STORED AT THE PROJECT SITE THAT BECOMES SOILED WITH CONSTRUCTION DIRT, CONCRETE, OR MOISTURE SHALL BE REMOVED FROM THE SITE AND REPLACED WITH NEW. DO NOT INSTALL SOILED MATERIAL.
1.6		1.12	<p>REUSE EXISTING SWITCHGEAR AND PANELS IN PLACE WHERE SO INDICATED. MODIFY AS REQUIRED TO ACCOMMODATE NEW WORK. PROVIDE NEW CIRCUIT BREAKERS AND/OR FUSES AS REQUIRED. MATCH AIC RATINGS. REARRANGE EXISTING CIRCUITS WITHIN PANELS TO AGREE WITH NEW PANEL SCHEDULES. TRACE AND IDENTIFY ALL EXISTING CIRCUITS ON NEW RECORD PANEL SCHEDULES. EXISTING PANELBOARDS</p> <ul style="list-style-type: none"> RING OUT CIRCUITS IN EXISTING PANELS, WHERE ADDITIONAL CIRCUITS ARE NEEDED. REUSE CIRCUITS AVAILABLE FOR REUSE. INSTALL NEW BREAKERS AS INDICATED ON DRAWINGS. HATCH AIC RATINGS. DO NOT UNUSE CIRCUITS AS SPARE. WHERE EXISTING CIRCUITS ARE INDICATED TO BE REUSED, USE SENSING MEASURING DEVICES TO VERIFY THAT CIRCUITS FEEDING PROJECT AREA ARE NOT IN USE OR OVERLOADED. REMOVE EXISTING WIRE NO LONGER IN USE FROM PANEL TO EQUIPMENT. PROVIDE NEW UPDATED TYPED DIRECTORIES. 	3.5	<p>SEISMIC PROTECTION</p> <ul style="list-style-type: none"> THIS PROJECT IS SUBJECT TO THE SEISMIC BRACING REQUIREMENT OF THE INTERNATIONAL BUILDING CODE, 2012 EDITION. THE FOLLOWING CRITERIA ARE APPLICABLE TO THIS PROJECT: SEISMIC USE GROUP: II; SEISMIC CLASS CATEGORY: D; SEISMIC DESIGN CATEGORY: D. IT IS RECOMMENDED THAT THE CONTRACTOR ENLIST THE SERVICES OF A QUALIFIED SEISMIC BRACING VENDOR/SUPPLIER. PROVIDE BRACING FOR IDENTIFIED EQUIPMENT AND SYSTEM. ELECTRICAL EQUIPMENT: ELECTRICAL EQUIPMENT SHALL INCLUDE THE FOLLOWING ITEMS TO THE EXTENT REQUIRED ON THE DRAWINGS OR IN OTHER SECTIONS OF THESE SPECIFICATIONS TO BE SEISMICALLY PROTECTED: LIGHT FIXTURES, TRANSFORMERS, SWITCHBOARDS, PANELBOARDS. ELECTRICAL SYSTEMS: THE FOLLOWING ELECTRICAL SYSTEMS SHALL BE SEISMICALLY PROTECTED IN ACCORDANCE WITH THIS SPECIFICATION: LIGHTING, POWER, SECURITY, COMMUNICATIONS AND FIRE ALARM. CONDUITS REQUIRING NO SPECIAL SEISMIC RESTRAINTS: SEISMIC RESTRAINTS MAY BE OMITTED FROM ELECTRICAL CONDUIT LESS THAN 2-1/2 INCHES TRADE SIZE. ALL OTHER INTERIOR CONDUIT SHALL BE SEISMICALLY PROTECTED AS SPECIFIED.
				3.6	<p>END OF SECTION 16000</p>

DEMOLITION GENERAL NOTES

1. (X) AND/OR DASHED LINES INDICATE EXISTING EQUIPMENT TO BE REMOVED, (RR) AND/OR DASHED LINES INDICATE EXISTING EQUIPMENT TO BE REMOVED AND REINSTALLED, (E) AND/OR HALFTONE LINES INDICATE EXISTING EQUIPMENT TO REMAIN UNLESS NOTED OTHERWISE.
2. SALVAGEABLE EQUIPMENT REMOVED DURING DEMOLITION SHALL BE OFFERED TO THE OWNER PRIOR TO REMOVING FROM THE SITE.
3. COORDINATE ALL POWER OUTAGES WITH NVE AND PARKS AND RECREATION PRIOR TO COMMENCING WORK.

DEMOLITION SHEET NOTES

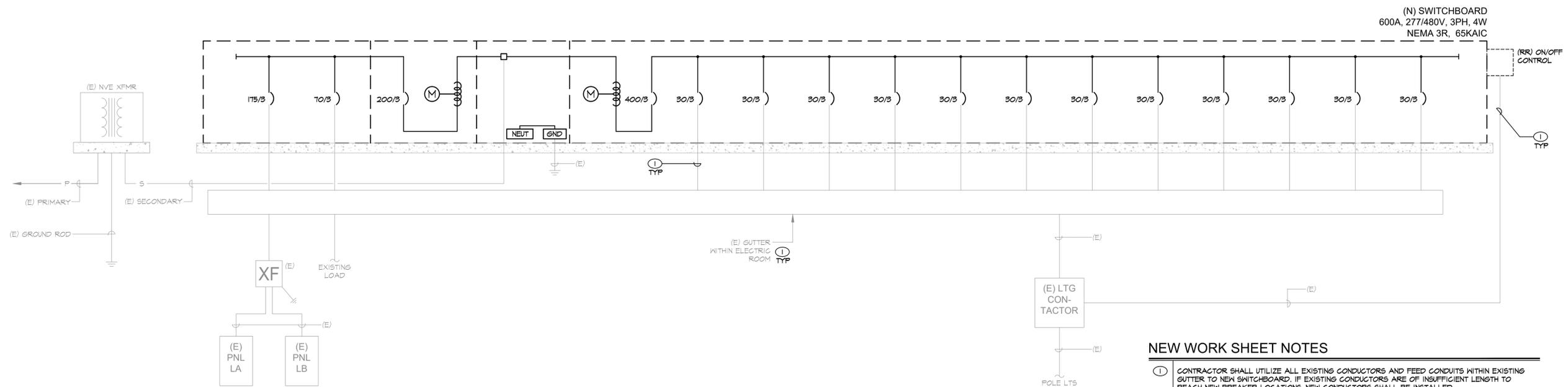
1. CONTRACTOR SHALL DISCONNECT AND PULL BACK ALL CONDUCTORS FROM EXISTING EXTERIOR SWITCHBOARD TO EXISTING INTERIOR MOUNTED WIREWAY GUTTER. MAINTAIN INTEGRITY OF ALL EXISTING FEEDER CONDUIT PATHWAYS FOR RECONNECTION TO NEW SWITCHBOARD. SEE NEW WORK ONE LINE B/E.O.3.



A
E0.3 DEMOLITION ONE LINE DIAGRAM
SCALE: NONE

NEW WORK GENERAL NOTES

1. (E) AND/OR HALFTONE LINES INDICATE EXISTING EQUIPMENT, (RR) AND/OR DASHED LINES INDICATE EXISTING EQUIPMENT TO BE REMOVED AND REINSTALLED, (N) AND/OR SOLID LINES INDICATE NEW EQUIPMENT UNLESS NOTED OTHERWISE.
2. ALL CONDUCTORS ARE BASED ON COPPER. ALUMINUM IS NOT PERMITTED.
3. DO NOT SPLICE FEED CONDUCTORS UNLESS PRIOR APPROVAL HAS BEEN OBTAINED FROM THE ENGINEER.
4. COORDINATE ALL POWER OUTAGES WITH OWNER AND NV ENERGY PRIOR TO COMMENCING WORK.



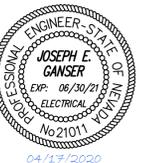
B
E0.3 NEW WORK ONE LINE DIAGRAM
SCALE: NONE

NEW WORK SHEET NOTES

1. CONTRACTOR SHALL UTILIZE ALL EXISTING CONDUCTORS AND FEED CONDUITS WITHIN EXISTING GUTTER TO NEW SWITCHBOARD. IF EXISTING CONDUCTORS ARE OF INSUFFICIENT LENGTH TO REACH NEW BREAKER LOCATIONS, NEW CONDUCTORS SHALL BE INSTALLED.



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04/17/2020

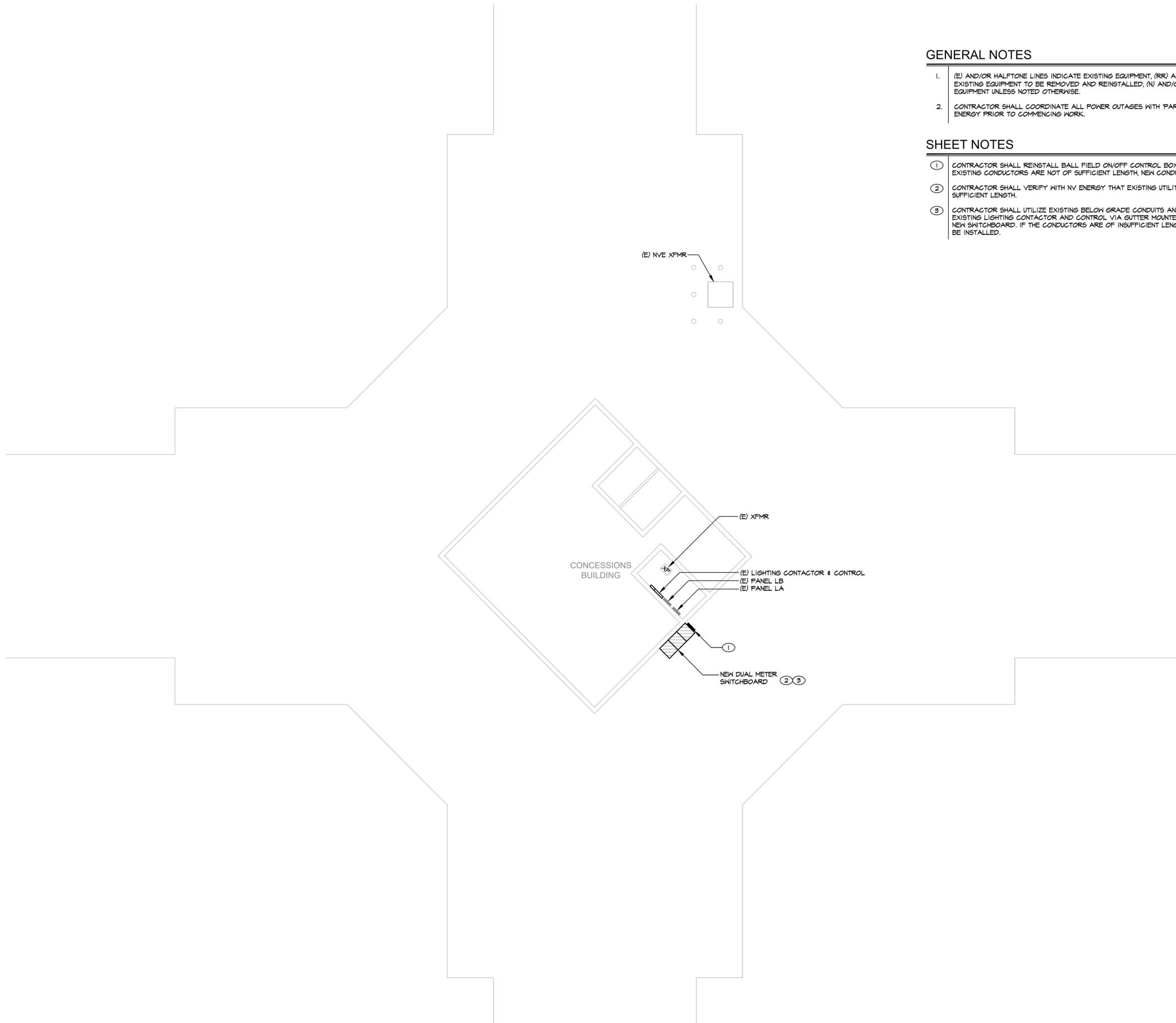
**DOUGLAS COUNTY ASPEN PARK
ELECTRICAL SERVICE MODIFICATION**
Ranchos Aspen Park, Muir Dr.
Gardnerville, NV 89410

REVISIONS

SHEET TITLE
ONLINE DIAGRAMS

DRAWN:	TPT
CHECKED:	JEG
DATE:	4/5/20
JOB NUMBER:	19056
PROJECT MGR:	SV

E0.3



GENERAL NOTES

1. (E) AND/OR HALFTONE LINES INDICATE EXISTING EQUIPMENT, (RR) AND/OR DASHED LINES INDICATE EXISTING EQUIPMENT TO BE REMOVED AND REINSTALLED, (N) AND/OR SOLID LINES INDICATE NEW EQUIPMENT UNLESS NOTED OTHERWISE.
2. CONTRACTOR SHALL COORDINATE ALL POWER OUTAGES WITH 'PARKS & RECREATION' AND NV ENERGY PRIOR TO COMMENCING WORK.

SHEET NOTES

- ① CONTRACTOR SHALL REINSTALL BALL FIELD ON/OFF CONTROL BOX TO NEW SWITCHBOARD. IF EXISTING CONDUCTORS ARE NOT OF SUFFICIENT LENGTH, NEW CONDUCTORS SHALL BE INSTALLED.
- ② CONTRACTOR SHALL VERIFY WITH NV ENERGY THAT EXISTING UTILITY CONDUCTORS ARE OF SUFFICIENT LENGTH.
- ③ CONTRACTOR SHALL UTILIZE EXISTING BELOW GRADE CONDUITS AND CONDUCTORS FROM EXISTING LIGHTING CONTACTOR AND CONTROL VIA GUTTER MOUNTED BELOW PANELS AND THE NEW SWITCHBOARD. IF THE CONDUCTORS ARE OF INSUFFICIENT LENGTH, NEW CONDUCTORS SHALL BE INSTALLED.



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04/17/2020

**DOUGLAS COUNTY ASPEN PARK
 ELECTRICAL SERVICE MODIFICATION**
 Ranchos Aspen Park, Muir Dr.
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REVISIONS

SHEET TITLE

ELECTRICAL SITE PLAN

DRAWN:	TPT
CHECKED:	JEG
DATE:	4/15/20
JOB NUMBER:	19056
PROJECT MGR:	SV