

ELECTRICAL NOTES:

WITHIN A 5' RADIUS OF ANY VENTED OPENING ATTACHED TO THE WET WELL SHALL BE CLASS 1 DIVISION 2 GROUP D RATED.

WIRE AND CONDUIT ROUTES AND ELECTRICAL EQUIPMENT LOCATIONS ARE APPROXIMATE, FIELD VERIFY EXACT INSTALLATIONS.

CONTRACTOR SHALL COORDINATE NEW SERVICE AND TRANSFORMER WITH UTILITY.

CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS FOR NEW SERVICE WITH LOCAL WHILLTY TEES TO BE INCLUDED BY CONTRACTOR.

Name: Marc Diller; Email: marc.diller@duke-energy.com

SEE ONE LINE DIAGRAM FOR ADDITIONAL DETAILS AND REQUIREMENTS.

PROVIDE STAINLESS STEEL HARDWARE FOR ALL EINCLUDES BUT NOT LIMITED TO KELLEM'S CABLE OBRACKETS, BOLTS AND NUTS. EQUIPMENT INSTALLED IN WET WELL; THIS GRIPS, CABLE RACKS, MOUNTING

THE WET WELL CLASSIFICATION IS CLASS 1 DIVISION 1 GROUP D ENVIRONMENTAL PER NFPA 820. ALL EQUIPMENT SHALL MEET NEC REQUIREMENTS FOR THIS ENVIRONMENT.

LOCATE ALL EXISTING PIPING AND UTILITIES BEFORE INSTALLING UNDERGROUND CONDUITS; PROTECT ALL EXISTING INSTALLATIONS.

ALL BELOW GRADE CONDUIT SHALL BE SCH. 80 FELBOW) FROM BELOW GRADE TO ABOVE GRADE SI ABOVE GRADE CONDUIT SHALL BE RIGID ALUMINUI ALUMINUM CONDUITS WHERE IN CONTACT WITH EARESISTANT COATING.ALL CONDUITS FROM VENTED BE GALVANIZED RIGID STEEL. PYC. ALL TRANSITIONS (90 DEGREE HALL BE GALVANIZED RIGID STEEL. ALL M; INCLUDING INDOORS. COAT ALL RIGID ARTH OR CONCRETE WITH OXIDATION TERMINAL BOXES INTO WET WELL SHALL

MAINTAIN 3' SEPARATION BETWEEN 480V POWER 24V DC CONTROL, OR INTRINSICALLY SAFE CIRCU BETWEEN 120V POWER CONDUITS AND LOW VOLINTRINSICALLY SAFE CIRCUIT) CONDUITS. CONDUITS AND LOW VOLTAGE (NETWORK, IT) CONDUITS. MAINTAIN 1' SEPARATION FAGE (NETWORK, 24V DC CONTROL, OR

WHERE CONDUIT CROSSES UNDER EXISTING OR FUTURE PAVEMENT, CONDUIT SHALL BE GALVANIZED RIGID STEEL. SAW CUT AND REPAIR EXISTING PAVEMENT AS NECESSARY.

ALL WIRING, CONDUIT, AND TERMINATIONS FURNISHED AND INSTALLED BY CONTRACTOR.

MAINTAIN 5' MINIMUM SEPARATION BETWEEN VENTED TERMINAL ELECTRICAL EQUIPMENT.

SITE LIGHTING CONTROL 양 AUTO PC **PHOTO** CELL LIGHT FIXTURES

WIRING DIAGRAM

SCALE: NONE

ELECTRICAL ONE-LINE DIAGRAM C5.8 JOB NUMBER 2017-271

SCALE: NONE

ELECTRICAL

ONE-LINE

DIAGRAM



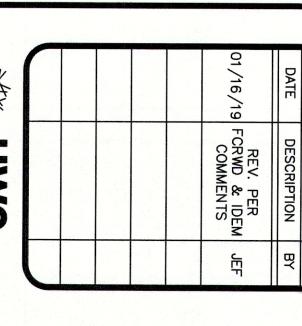
SPRINGBROOK PRELIMINARY PLAN MADISON COUNTY, INDIANA

LIFT STATION ELECTRICAL ONE-LINE DIAGRAM SIMS-DURKIN ASSOCIATES

ENGINEERING COMPANY

COUNTRY CLUB ROAD INDIANAPOLIS, INDIANA 46234

VE: (317)209-4035 WEBSITE: WWW.SIMS-DURKIN.COM HWC



RE

**SNOISIA**