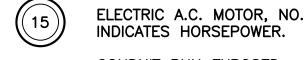


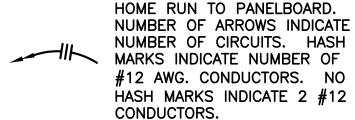
LEGEND:

PLAN SYMBOLS



CONDUIT RUN EXPOSED. RUN - PARALLEL OR PERPENDICULAR TO STRUCTURE OR WALL.

CONDUIT CONCEALED IN OR BELOW FLOOR OR UNDERGROUND.



LEVEL TRANSDUCER

LLS LIQUID LEVEL SWITCH

TEMPERATURE SWITCH

SF SEAL FAIL

GROUND TEST WELL

ABBREVIATIONS

A AMPERES
AFG ABOVE FINISHED GRADE
CP CONTROL PANEL
CPT CONTROL POWER TRANSFORMER
FPL FLORIDA POWER & LIGHT
FVNR FULL VOLTAGE NON-REVERSING

GND GROUND HP HORSEPOWER

LIT LEVEL INDICATING TRANSMITTER
MIN MINIMUM

MSC MANUFACTURER SUPPLIED CABLE MTD MOUNTED

N NEUTRAL
NEC NATIONAL ELECTRICAL CODE

NO NUMBER NTS NOT TO SCALE OH OVERHEAD

P POLE
SCP PUMP STATION CONTROL PANEL
PD SURGE PROTECTION DEVICE

SS STAINLESS STEEL
SS SOLID STATE STARTER
YP TYPICAL

V VOLTS
VA VOLT AMPERES
VFD VARIABLE FREQUENCY DRIVE

W WIRE
WP WEATHERPROOF
W/ WITH

D PHASE

NOTES

- 1. ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL ALL NEW ELECTRICAL WORK INDICATED.
- 2. ELECTRICAL CONTRACTOR SHALL VISIT JOB SITE AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS AFFECTING ELECTRICAL INSTALLATION AND MAKE PROVISIONS AS TO THE COST THEREOF. EXISTING CONDITIONS OF ELECTRICAL EQUIPMENT, LIGHT FIXTURES, ETC... THAT ARE PART OF THE FINAL SYSTEM SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO SUBMITTING HIS BID.
- 3. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE 2020 NATIONAL ELECTRICAL CODE, 2020 FLORIDA BUILDING, 2020 NATIONAL FIRE PROTECTION ASSOCIATION, AND SHALL COMPLY WITH ALL LOCAL RULES AND ORDINANCES.
- 4. MINIMUM WIRE SIZE SHALL BE #12 A.W.G. FOR POWER CIRCUITS.
- 5. IT IS NOT THE INTENT OF THESE PLANS TO SHOW EVERY MINOR DETAIL OF CONSTRUCTION. THE CONTRACTOR IS EXPECTED TO FURNISH AND INSTALL ALL ITEMS FOR A COMPLETE ELECTRICAL SYSTEM AND PROVIDE ALL REQUIREMENTS NECESSARY FOR THE EQUIPMENT TO BE PLACED IN PROPER WORKING ORDER.
- 6. ELECTRICAL SYSTEM SHALL BE COMPLETE AND EFFECTIVELY GROUNDED AS REQUIRED BY THE LATEST EDITION OF THE N.E.C. OR LOCAL CODES. ALL CONDUITS SHALL HAVE A BOND WIRE SIZED PER TABLE 250-122 OF THE NATIONAL ELECTRICAL CODE.
- 7. ALL MATERIALS SHALL BE NEW AND BEAR UNDERWRITERS' LABELS WHERE APPLICABLE.
- 8. ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR IN A FIRST CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIVE AND ACCEPTED BY ENGINEER/OWNER.
- 9. CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN ONE YEAR FROM DATE OF ACCEPTANCE.
- 10. CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE AND SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED.
- 11. THE ELECTRICAL INSTALLATION SHALL MEET ALL STANDARD REQUIREMENTS OF FPL.
- 12. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED OF HIS WORK.
- 13. ELECTRICAL CONTRACTOR SHALL LABEL ALL PANELS W/ TYPE WRITTEN DIRECTORIES.
- 14. ALL ELECTRICAL WIRING SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
- 15. DO NOT SCALE THE ELECTRICAL DRAWINGS. REFER TO THE MECHANICAL DRAWINGS & THE APPROVED MANUFACTURER'S SHOP DRAWINGS FOR THE EXACT LOCATION OF ALL EQUIPMENT.
- 16. SLANTED AND SHADED TEXT DENOTES EXISTING EQUIPMENT OR STRUCTURES. NON—SLANTED TEXT DENOTES NEW EQUIPMENT, STRUCTURES & WORK.
- 17. ALL CONTROL PANELS SHALL BE UL LISTED AND MEET THE REQUIREMENTS OF ARTICLE 409 OF THE NATIONAL ELECTRICAL CODE.

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 ADDENDUM NO. 6
 03/09/22 SEB

 No.
 REVISIONS
 DATE
 BY

Kimley» Horn

600 NORTH PINE ISLAND ROAD, SUITE 450, PLANTATION, FL 33324

PHONE: 954-535-5100 FAX: 954-739-2247

WWW.KIMLEY-HORN.COM CA 00000696

KHA PROJECT 043138041 DATE MARCH 2022 SCALE AS SHOWN

DESIGNED BY SEE

CHECKED BY SEB NORTH BAY VILLAGE

DRAWN BY

HISPANOLA WASTEWATER PUMP STATION IMPROVEMENTS

PREPARED FOR NORTH BAY VILLAGE

STEPHEN E. BAILEY, P.E.

FLORIDA LICENSE NUMBER

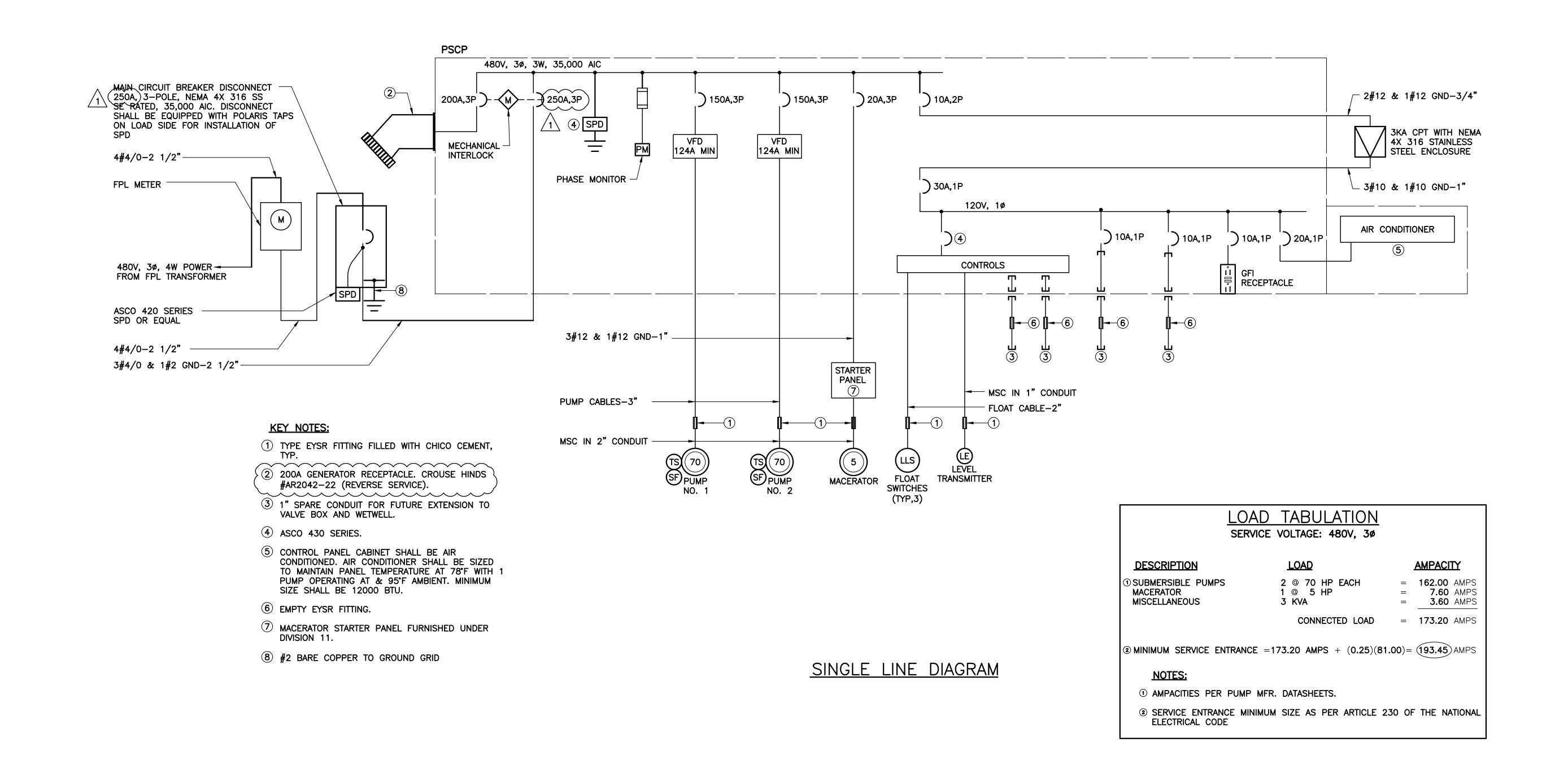
42461

FLORIDA | DATE: 5/14/2020

LICENSED PROFESSIONAL

ELECTRICAL SITE PLAN, NOTES, SYMBOLS AND ABBREVIATIONS

SHEET NUMBER



10620 GRIFFIN ROAD, SUITE 202 COOPER CITY, FLORIDA 33328 PHONE: (954) 448-7930 C.O.A. NO. 6783 Stephen E. Bailey, P.E. Florida P.E. No. 42461





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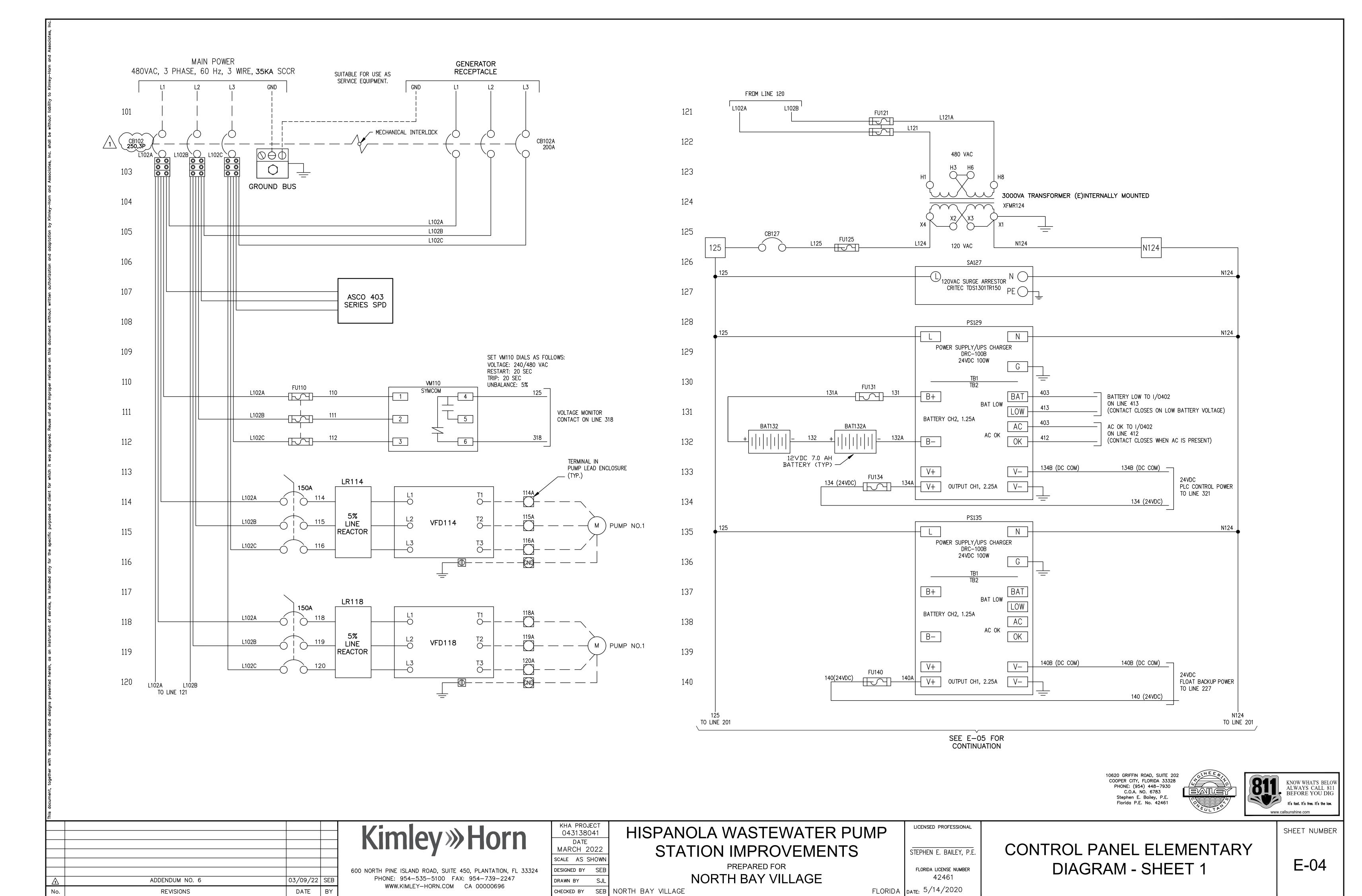
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	FLORIDA LICENSE NUMBER 42461
FLORIDA	_{DATE:} 5/14/2020

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SINGLE LINE DIAGRAM

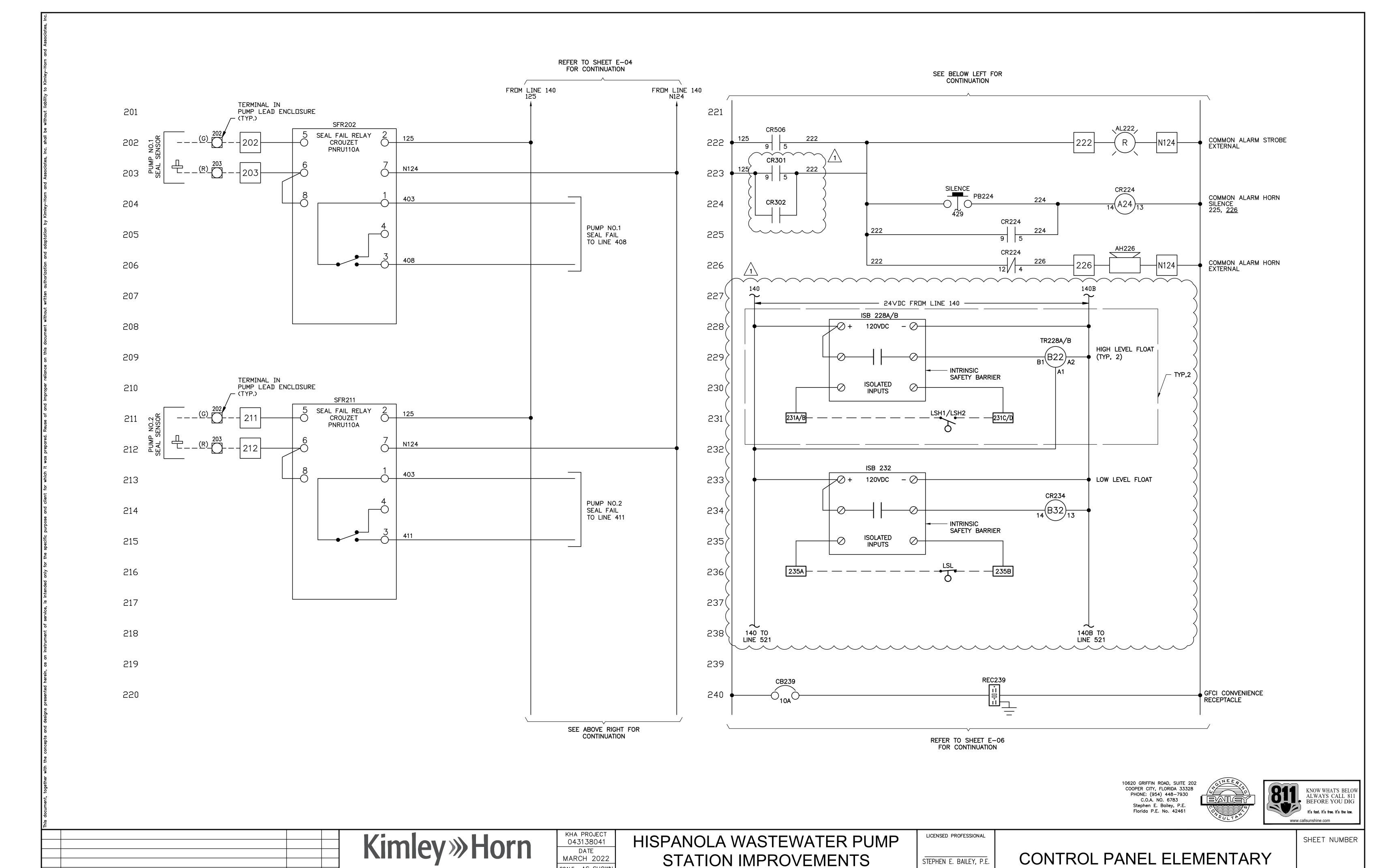
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E-05

DIAGRAM - SHEET 2

FLORIDA LICENSE NUMBER

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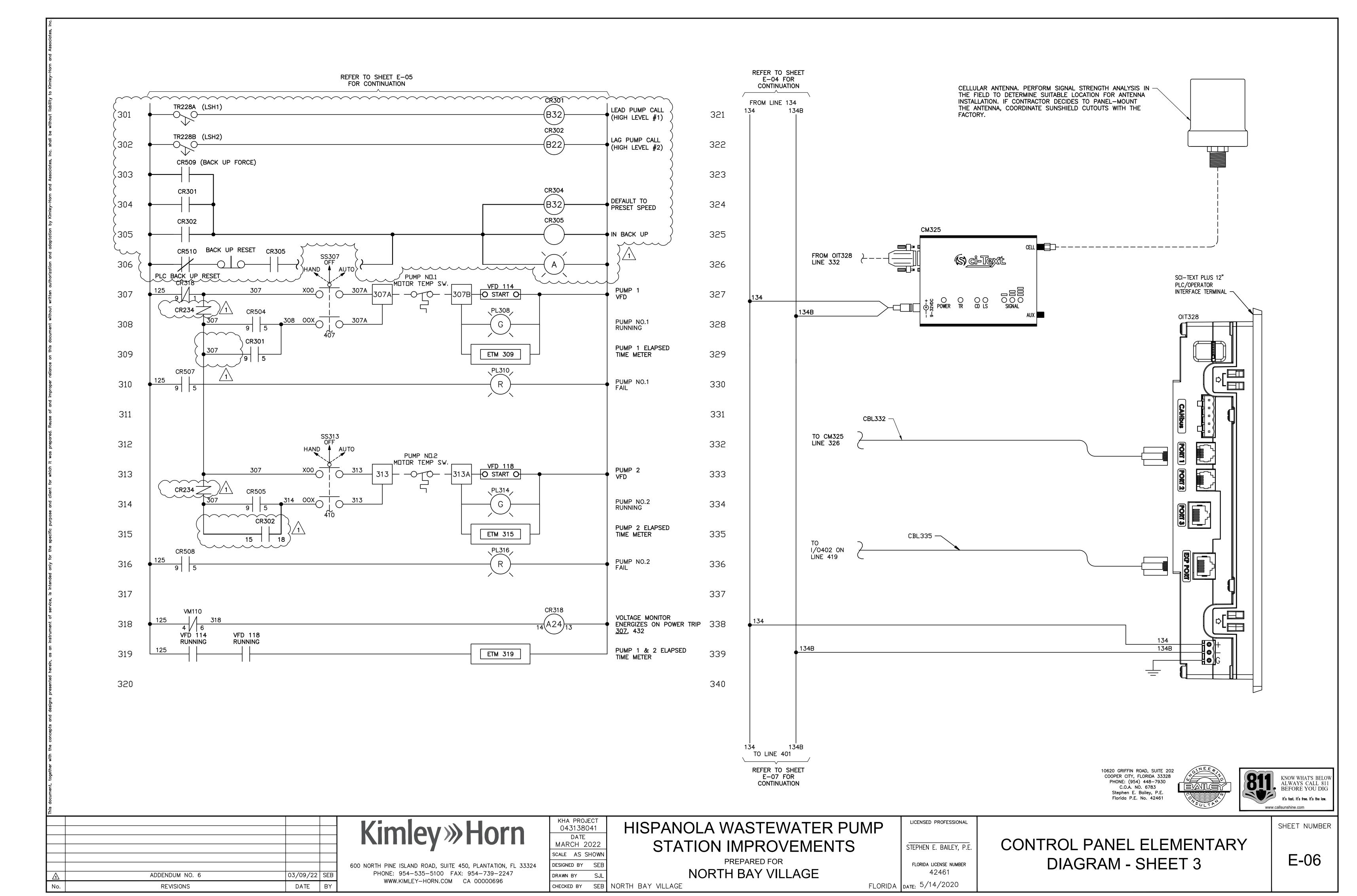
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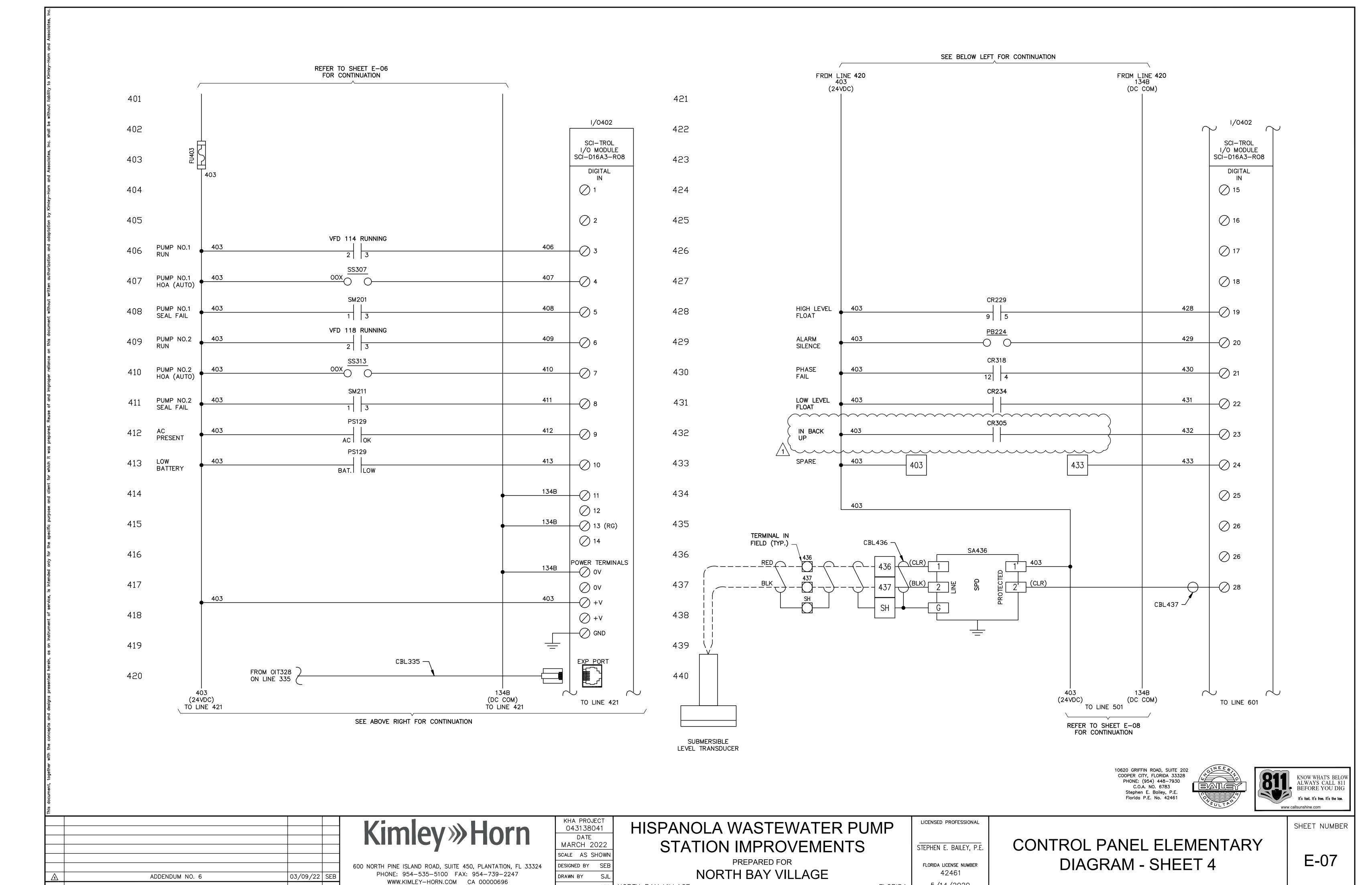
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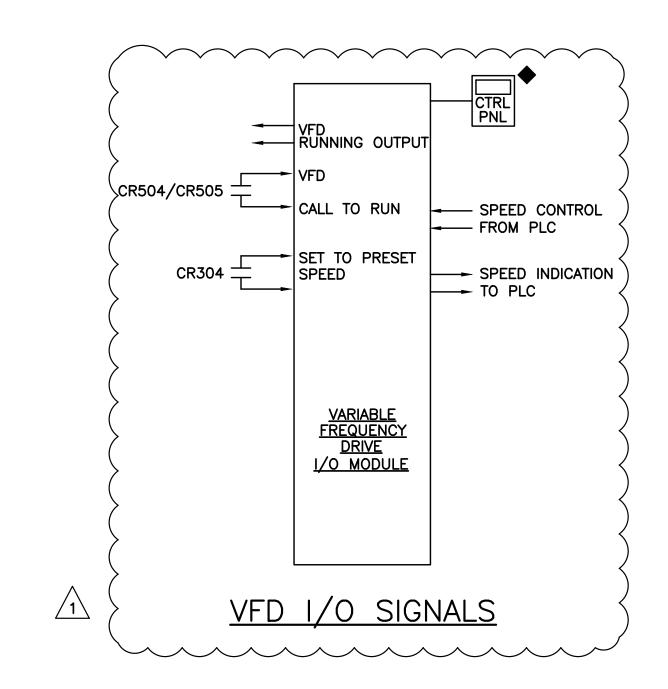
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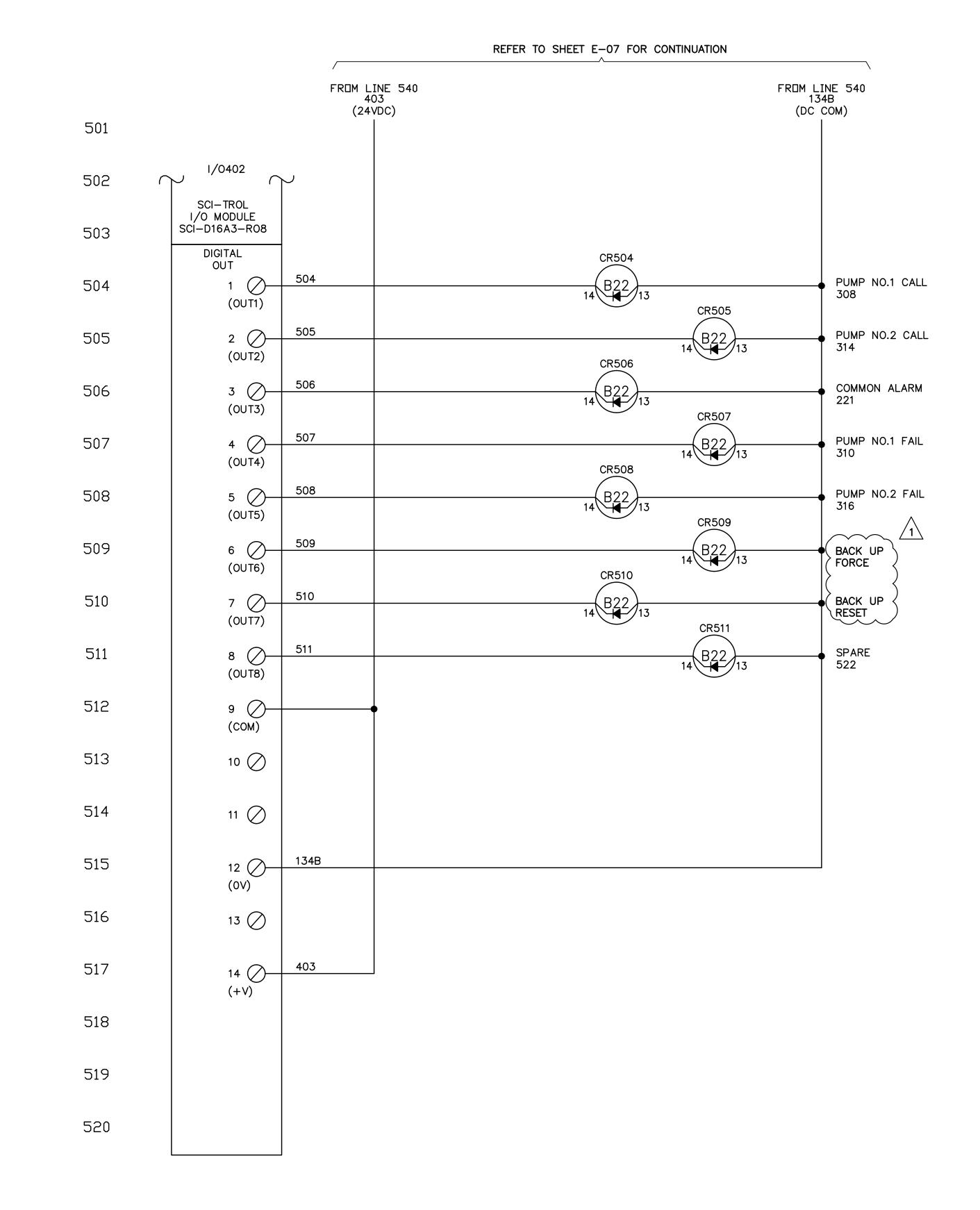
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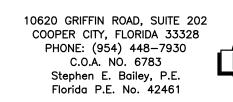
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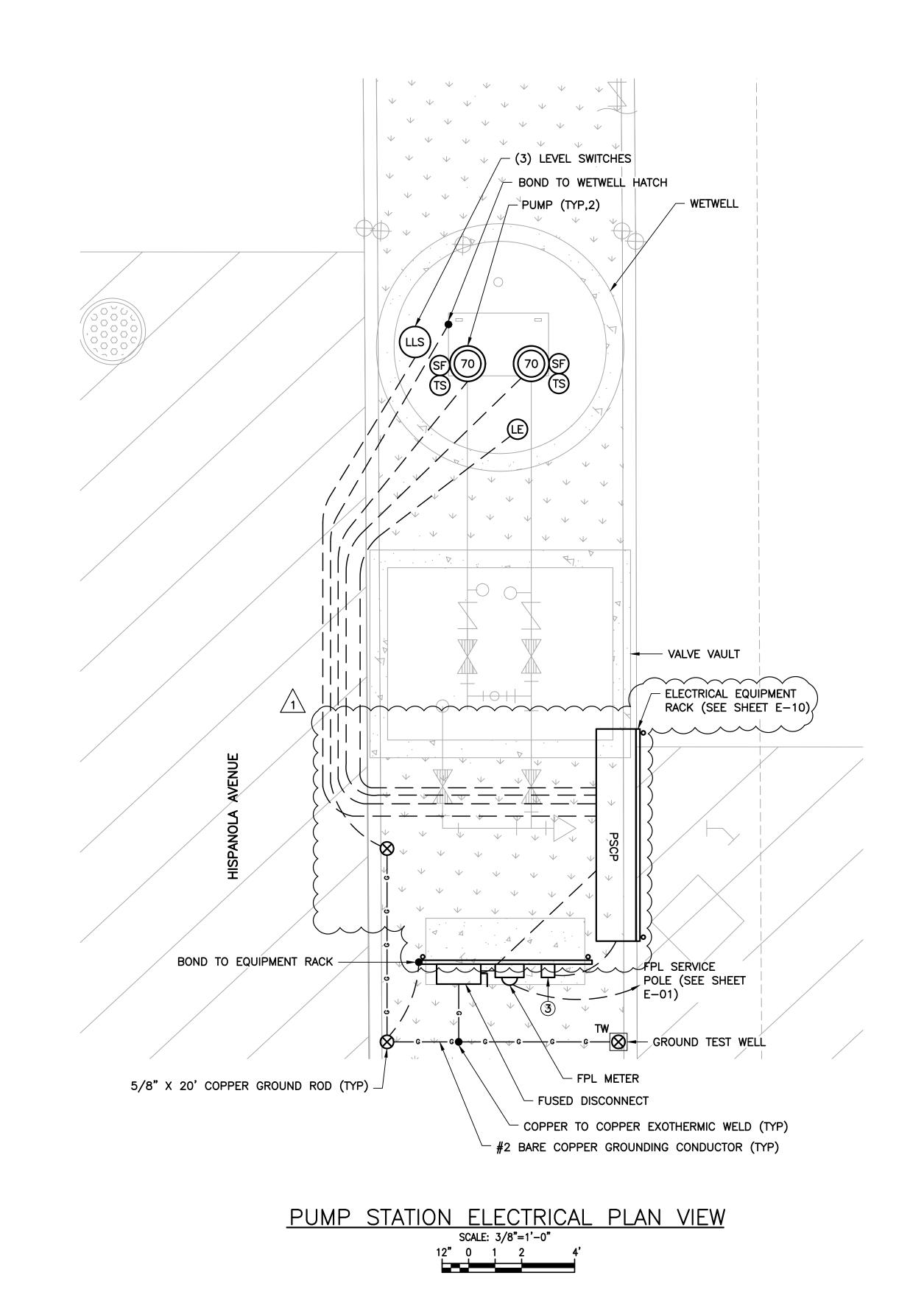
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FLORIDA LICENSE NUMBER

FLORIDA DATE: 5/14/2020

CONTROL PANEL ELEMENTARY DIAGRAM - SHEET 5

SHEET NUMBER



- 1) REFER TO DETAILS FOR HAZARDOUS AREA CLASSIFICATIONS. USE APPROPRIATE MATERIALS AND WIRING METHODS.
- (2) BONDING CONNECTIONS BETWEEN ELECTRODE, REBAR AND PIPING SHALL BE EXOTHERMIC.
- 3 CPT

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PUMP STATION ELECTRICAL PLAN **VIEW**

SHEET NUMBER