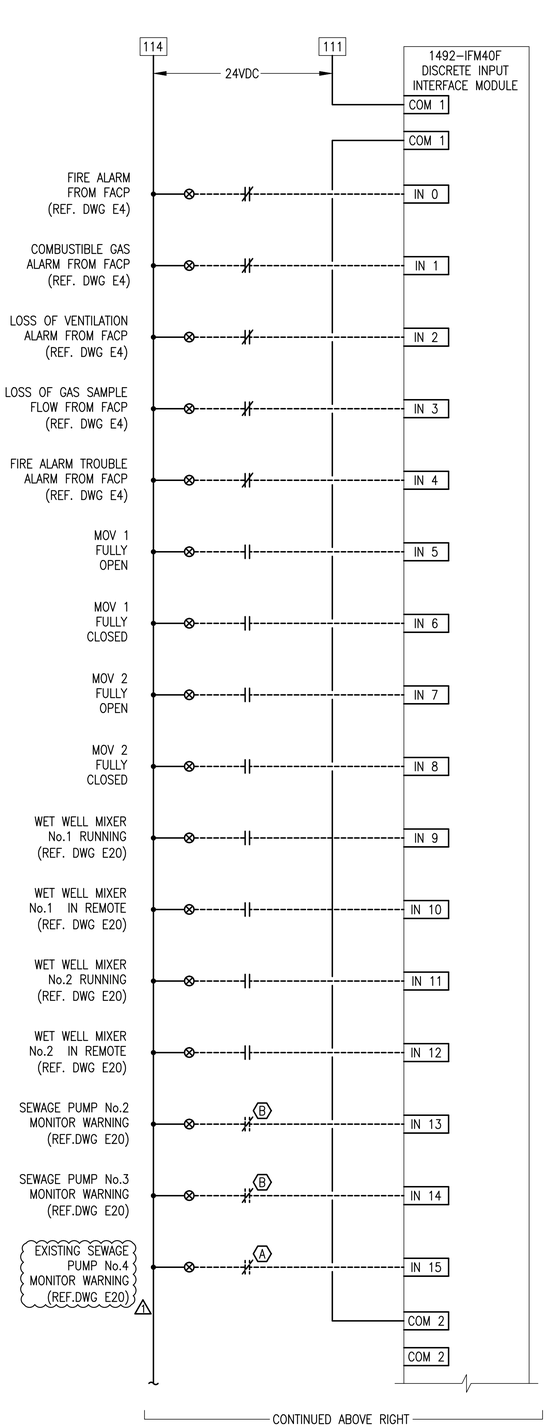

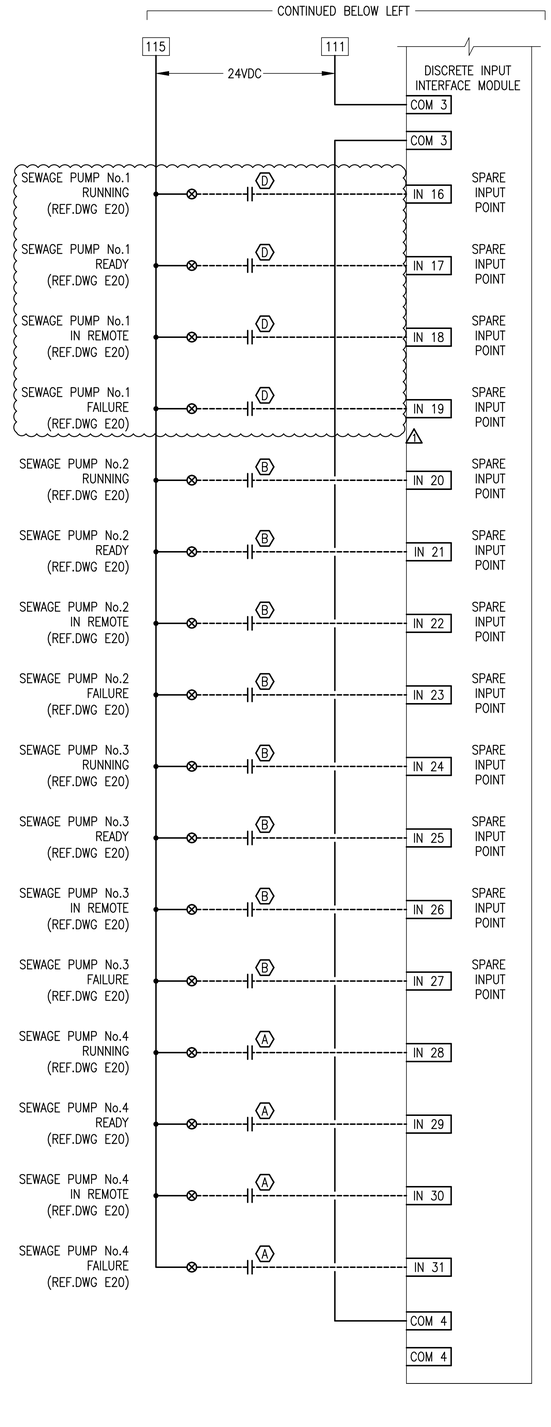

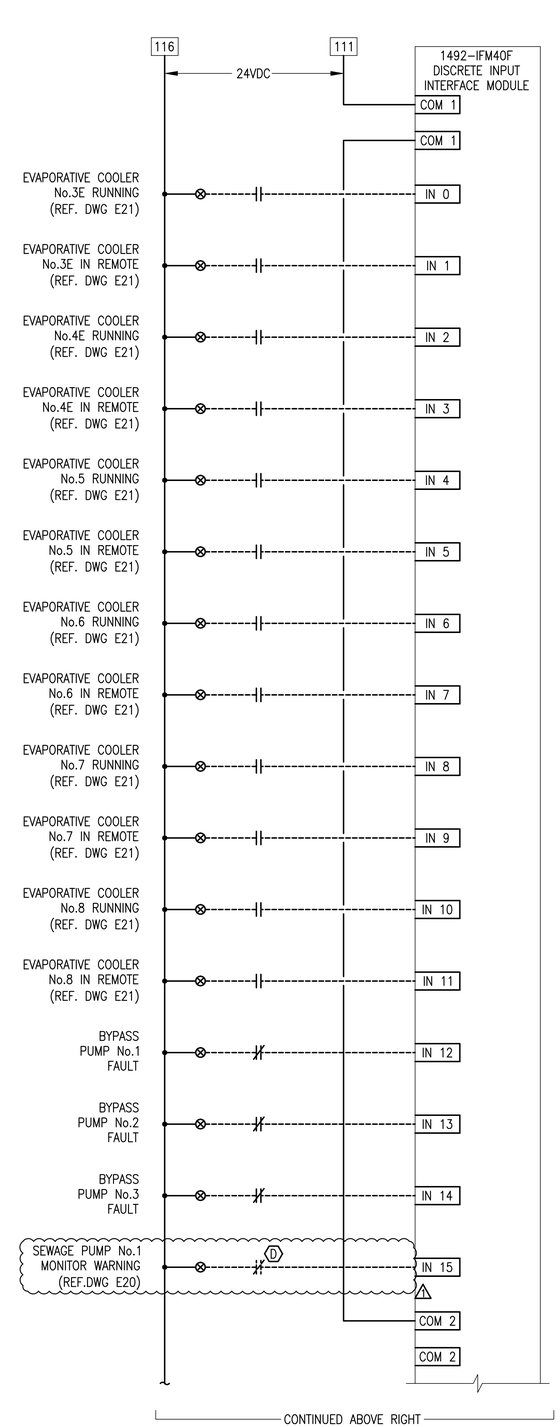

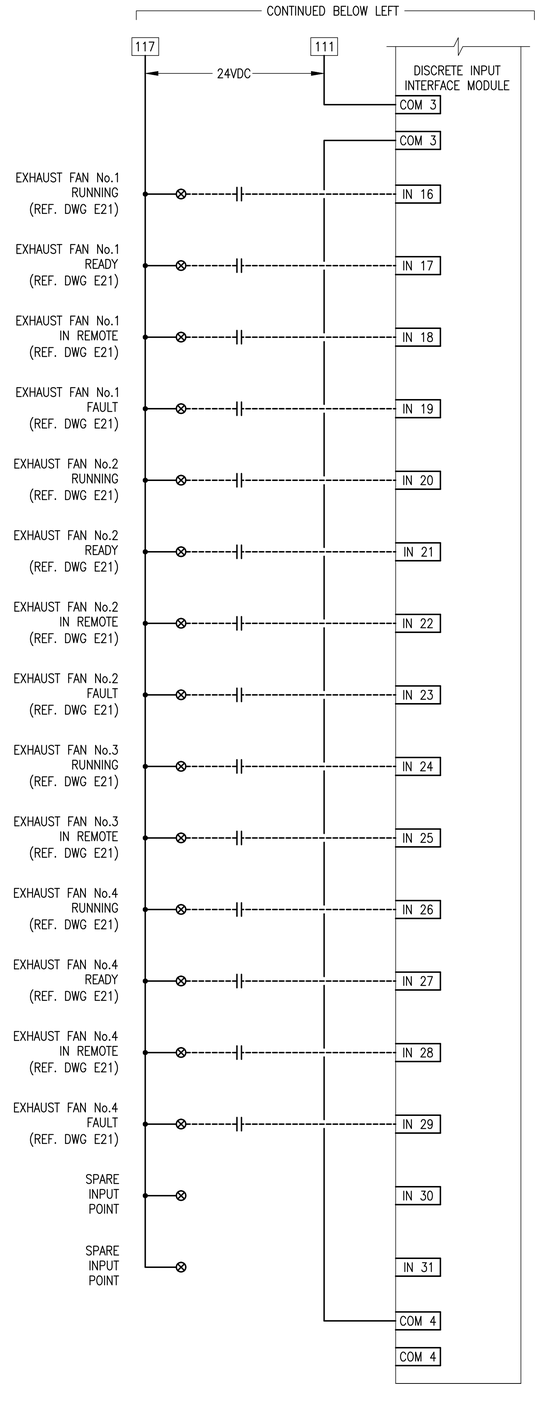

⬡KEYNOTES

A. RUN 18#14, #14G (6#14 ARE SPARE) IN EXISTING SPARE 3/4" CONDUIT (CONDUIT C14B) FROM THE EXISTING EQUIPMENT PAD FOR PUMP No.4 VFD TO THE MAIN CONTROL PANEL. SEE CONDUIT SCHEDULE ON SHEET E101. 2#14 IN THIS RUN SHALL BE USED FOR THIS CIRCUIT.

B. EXISTING 8#14 IN EACH EXISTING 3/4" CONDUIT, ONE FROM PUMP No.2 VFD (CONDUIT C14A), AND ONE FROM PUMP No.2 VFD (CONDUIT C14), TO THE MAIN CONTROL PANEL. REPLACE THE EXISTING 8#14 WITH 18#14, #14G (6#14 ARE SPARE). SEE CONDUIT SCHEDULE ON SHEET E101. 2#14 IN THIS RUN SHALL BE USED FOR THIS CIRCUIT.

C. RUN 18#14, #14G (6#14 ARE SPARE) IN EXISTING SPARE 3/4" CONDUIT (CONDUIT C14C) FROM THE EXISTING EQUIPMENT PAD FOR PUMP No.1 VFD TO THE MAIN CONTROL PANEL. SEE CONDUIT SCHEDULE ON SHEET E101. 2#14 IN THIS RUN SHALL BE USED FOR THIS CIRCUIT. △1

GENERAL NOTE

NEW ITEMS ARE SHOWN DARK AND EXISTING ITEMS ARE SHOWN LIGHTER. EXISTING WIRING IN THE MAIN CONTROL PANEL IS NOT LABELED. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING EACH CIRCUIT TO BE RECONNECTED TO THE NEW PLC AS SHOWN IN THESE DRAWINGS. REFER TO THE KEYNOTES IN THESE DRAWINGS DESCRIBING CONDUIT SIZES AND WIRE COUNTS, AND TO THE ORIGINAL FACILITY DRAWINGS DATED OCTOBER, 1986 FOR EQUIPMENT LAYOUTS, CONDUIT RUNS AND CONNECTION DIAGRAMS. EXISTING WIRING IN THE MAIN CONTROL PANEL THAT IS NOT SHOWN IN THESE DRAWINGS SHALL BE COILED AND ABANDONED IN PLACE IN THE NEW CONTROL PANEL.

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NO.	REVISION	APPV'D.	DATE
△1	REVISIONS DURING BIDDING	RPC	7/18/16

Registered Professional Engineer (Civil) CERTIFICATE NO. 14502 RICHARD P. CANNEY 9/8/15 ARIZONA U.S.A. EXPIRES 6/30/17

DESIGNED BY : R.P.C.
DRAWN BY : R.P.C.
CHK'D BY (DESIGN) : M.F.T.
CHK'D BY (FIELD ENGR) :
FIELD BOOK NO. :

PIMA COUNTY
REGIONAL WASTEWATER
RECLAMATION DEPARTMENT

PIMA COUNTY WASTEWATER RECLAMATION
201 North Stone Avenue * Tucson, Arizona 85701-1207 * Phone: (520) 740-6500

CONTINENTAL RANCH REGIONAL PUMP STATION UPGRADE DESIGN DISCRETE INPUT WIRING DIAGRAM - 2

R-2014-079
G-2014-078

Date: SEPT. 8, 2015

SCALE: HORIZ. : N/A
VERT. : N/A

SHEET NO. : E33
67 OF 91

RCE JOB No. 13107
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