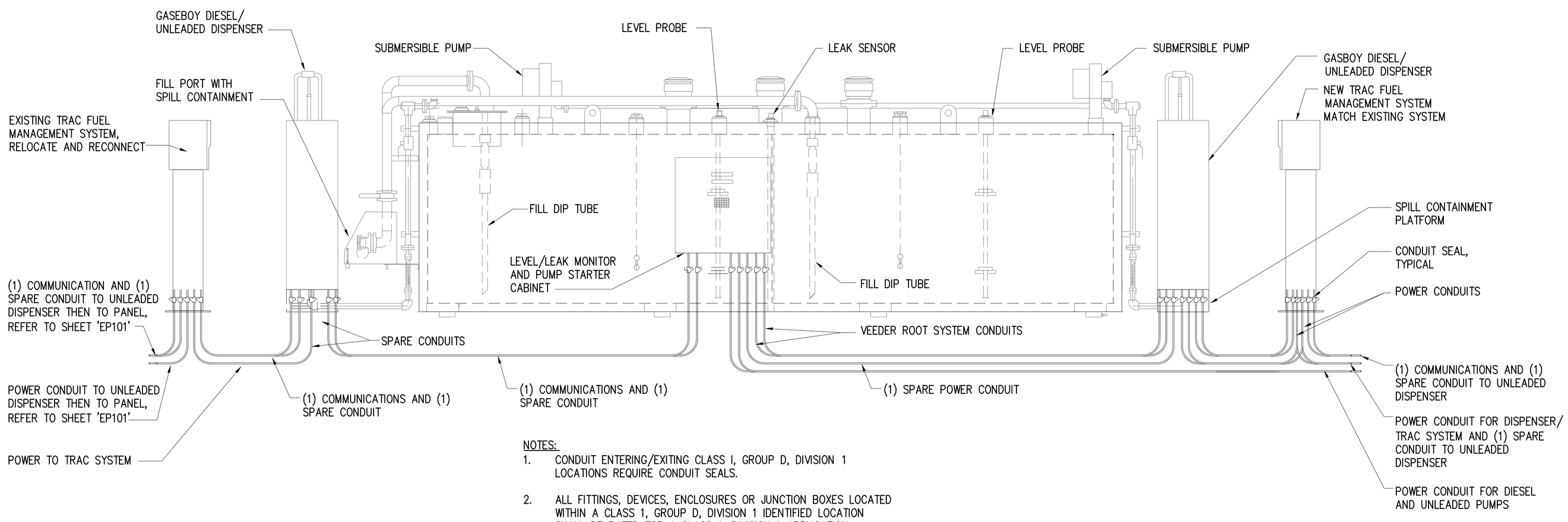
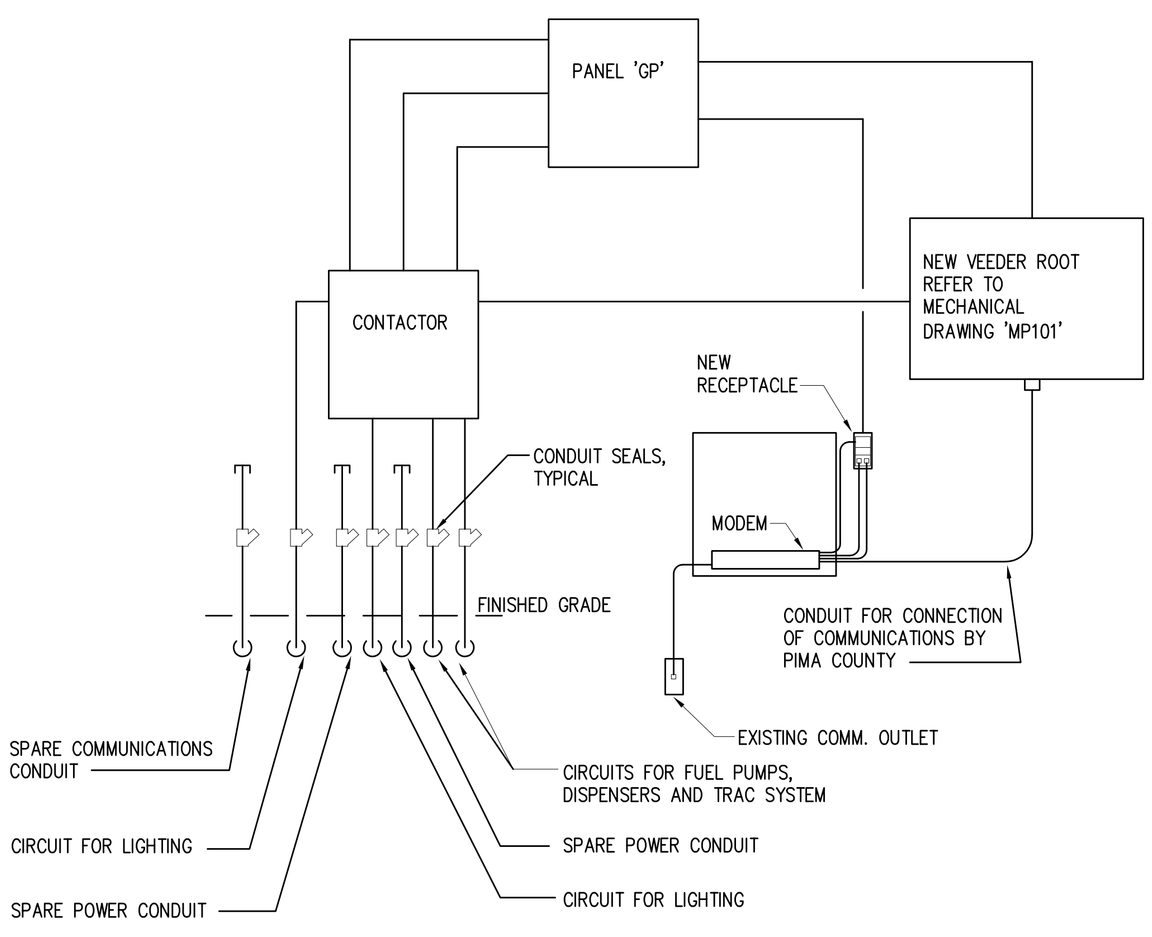


NOTES:

1. CONDUIT ENTERING/EXITING CLASS I, GROUP D, DIVISION 1 LOCATIONS REQUIRE CONDUIT SEALS.
2. ALL FITTINGS, DEVICES, ENCLOSURES OR JUNCTION BOXES LOCATED WITHIN A CLASS 1, GROUP D, DIVISION 1 IDENTIFIED LOCATION SHALL BE RATED FOR A CLASS 1, DIVISION 1 APPLICATION.
3. ALL CONDUITS SHALL BE 3/4" UNLESS OTHERWISE SPECIFIED.

LONGITUDINAL ELEVATION AND CONDUIT ROUTING (1)

SCALE: 1/2"=1'-0"



NOTES:

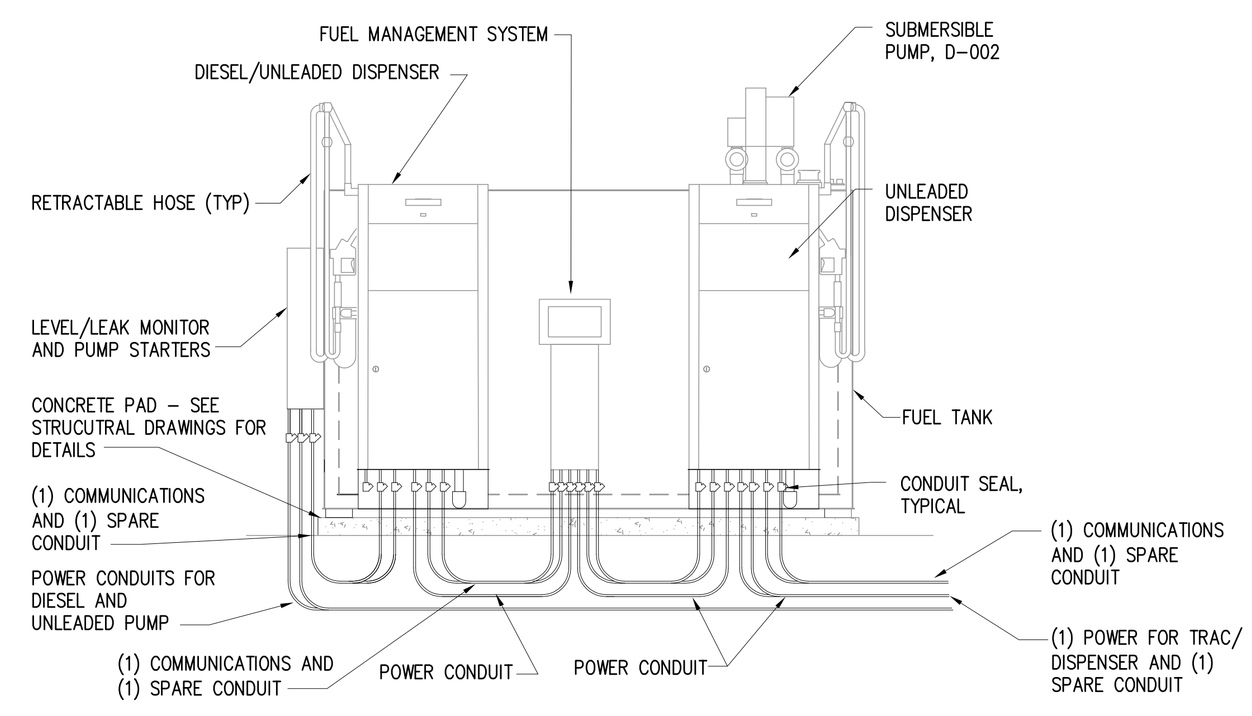
1. PROVIDE A 20A, 120V DUPLEX RECEPTACLE IN A SURFACE MOUNTED 1-GANG BOX ADJACENT TO VEEDER ROOT SYSTEM AND CONNECT TO SAME CIRCUIT 'GP-1' AS THE NEW VEEDER SYSTEM.
2. THE EXISTING SERIAL CABLE FROM THE MODEM TO THE VEEDER ROOT PANEL SHALL BE RECONNECTED BY PIMA COUNTY TO THE VEEDER ROOT PANEL.
6. OWNER SHALL REMOVE AND REPLACE THREE EXISTING FIBER OPTIC CABLES WITH FIBER OPTIC CABLE TO THE DISPENSERS AND TRAC FUEL MANAGEMENT SYSTEM AT THE DISPENSING AREA.
7. THE EXISTING VEEDER ROOT SYSTEM SHALL BE REPLACED, RETURN THE ENTIRE EXISTING SYSTEM TO THE OWNER.
8. FROM THE NEW PANEL, PROVIDE THE REQUIRED CABLES/CONDUCTORS FROM THE FUEL TANKS TO THE NEW PANEL. VERIFY REQUIREMENTS WITH THE SYSTEM MANUFACTURER.
9. REWORK/REROUTE CONDUITS AND CIRCUITING AS REQUIRED TO ACCOMMODATE NEW CABINET, EQUIPMENT AND CONDUITS. REPLACE ALL BRANCH CIRCUITS FROM EXISTING PANEL TO BE REROUTED TO NEW PANEL.
10. NEW VEEDER-ROOT RS232 BOARD, OUTPUT RELAY BOARD,
11. CONTRACTOR TO PROVIDE ONE NEW TRAC SYSTEM TO MATCH EXISTING.

INDOOR EQUIPMENT INSTALLATION DIAGRAM (3)

SCALE: NOT TO SCALE

NOTES:

1. ALL CONDUITS SHALL BE 3/4" UNLESS OTHERWISE NOTED.



NOTE:

1. ALL COMMUNICATIONS CONDUIT SWEEPS SHALL BE 36" OR GREATER.

SIDE ELEVATION AND CONDUIT ROUTING (2)

SCALE: 1/2"=1'-0"

RICHEY BLVD. FUEL TANK REPLACEMENT

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Revisions

Description	Date
1	
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Drawn: RLA
Checked: –
Issue Date: 12-17-2010

Drawing Title
ELECTRICAL DETAILS
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