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Monticello, NY 12701**

120 HUYSHOPE AVENUE
SUITE 400
HARTFORD, CT 06106
860.247.9226

CONSULTANT:

BIDDING &
CONSTRUCTION
07/06/2022

POWER DISTRIBUTION DIAGRAM - INCOMING SERVICE

1. THE EXISTING ONE LINE HAS BEEN DEVELOPED BASED ON EXISTING DRAWINGS AND READILY AVAILABLE OBSERVATIONS. NO CIRCUIT TRACES WERE USED TO VERIFY THE SYSTEM CONFIGURATION. WIRE SIZES SHOWN ARE FOR ESTIMATING PURPOSES ONLY AND HAVE NOT BEEN FIELD VERIFIED. NOT ALL DISTRIBUTION EQUIPMENT IS SHOWN ON THIS DRAWING.

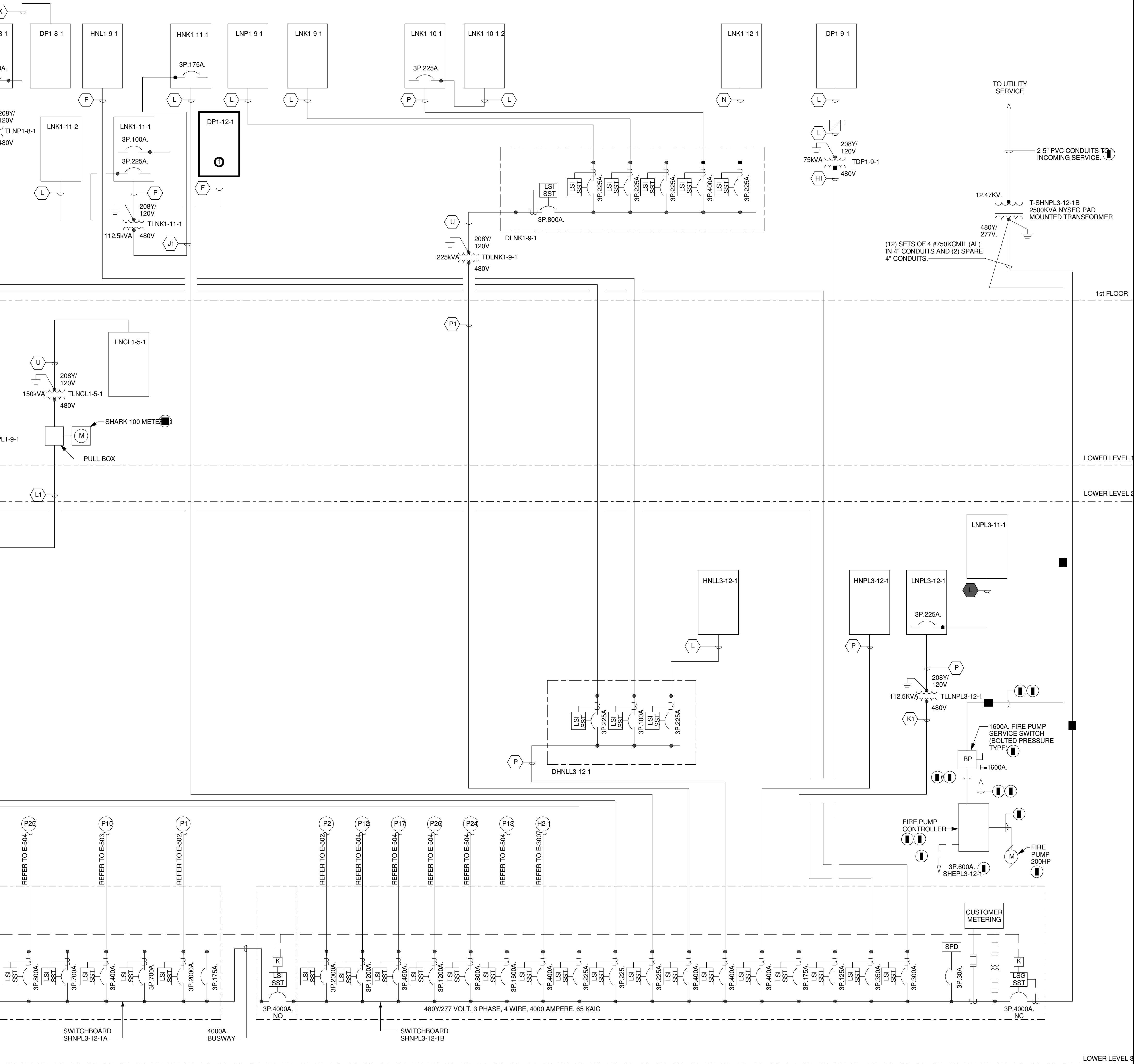
① EXISTING PANELBOARD AFFECTED BY NEW CONSTRUCTION.

NOTES:

1. CONDUIT SIZES ARE BASED ON TYPE THHN, THWN, THWN-2 CONDUCTORS, TABLE C1, 2008 NATIONAL ELECTRIC CODE.
2. WHERE MULTIPLE SETS ARE SPECIFIED, PROVIDE 3 PHASE, NEUTRAL AND GROUND IN EACH CONDUIT. CONDUCTORS AND CONDUITS SHALL BE EQUAL IN LENGTH AND OF SAME MANUFACTURER.
3. IF IDENT. ON ONE-LINE DIAGRAM SHOWS CONDUCTORS WELL ABOVE OVERCURRENT PROTECTION, VOLTAGE DROP HAS BEEN ACCOUNTED FOR.

NOTES:

1. CONDUIT SIZES ARE BASED ON XHHW-2 CONDUCTORS IN EMT CONDUIT.



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DRAWING PRINTED FULL SIZE (100%); 30% DRAWING PRINTED HALF SIZE (50%); 15% DRAWING PRINTED QUARTER SIZE (25%); 10% DRAWING PRINTED ONE EIGHTH SIZE (12.5%); 5% DRAWING PRINTED ONE SIXTEENTH SIZE (6.25%); 2.5% DRAWING PRINTED ONE THIRTYSECOND SIZE (3.125%); 1.25% DRAWING PRINTED ONE SIXTYFOURTH SIZE (1.5625%); 0.625% DRAWING PRINTED ONE ONEHUNDRETHEENTH SIZE (0.78125%); 0.3125% DRAWING PRINTED ONE TWOHUNDREDTHS SIZE (0.390625%); 0.15625% DRAWING PRINTED ONE FOURHUNDREDTHS SIZE (0.1953125%); 0.078125% DRAWING PRINTED ONE EIGHTHUNDREDTHS SIZE (0.09765625%); 0.0390625% DRAWING PRINTED ONE ONESEVENTHUNDREDTHS SIZE (0.048828125%); 0.01953125% DRAWING PRINTED ONE THREEHUNDREDTHS SIZE (0.0244140625%); 0.009765625% DRAWING PRINTED ONE SIXHUNDREDTHS SIZE (0.01220703125%); 0.0048828125% DRAWING PRINTED ONE THIRYHUNDREDTHS SIZE (0.006103515625%); 0.00244140625% DRAWING PRINTED ONE SIXTYHUNDREDTHS SIZE (0.0030517578125%); 0.001220703125% DRAWING PRINTED ONE ONEHUNDREDTHS SIZE (0.001526171875%); 0.0006103515625% DRAWING PRINTED ONE TWOHUNDREDTHS SIZE (0.0007630859375%); 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