

PENDANT *AUTOMATION*

ELECTRICAL ONE LINE DIAGRAM

US COLD STORAGE
COVINGTON, TN

ISSUED FOR: ELECTRICAL PERMIT

| REV. | DATE: | DRAWN BY: | DESCRIPTION: | REV. | DATE: | DRAWN BY: | DESCRIPTION: |
|------|------------|-----------|------------------------------|------|-------|-----------|--------------|
| - | - | - | - | - | - | - | - |
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| - | - | - | - | - | - | - | - |
| 1 | 03.15.2018 | MCV | MOTOR HP REVISION | - | - | - | - |
| 0 | 02.28.2018 | MCV | ISSUED FOR ELECTRICAL PERMIT | - | - | - | - |

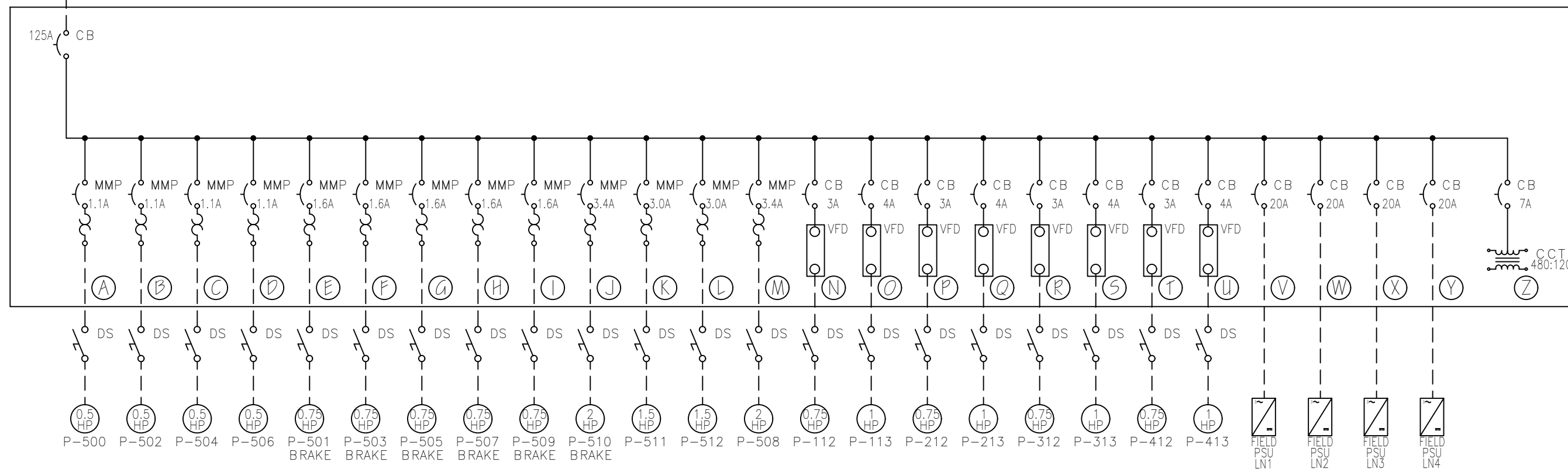
FEEDER & CONDUIT
PROVIDED BY OTHERS.

CONVEYOR CONTROL PANEL 01

480/3/60 : 3 WIRE

(3) #1 AWG & (1) #6 GROUND

(INCOMING FEED BY OTHERS)



| | | | | |
|--|-------------------|-------------------------------------|---|------------------------|
| DRAWN BY: MCV | DATE: 02.28.18 | PENDANT <i>AUTOMATION</i> | 518 B YOUNG ST. HAVRE DE GRACE, MD 21078 | DATE: — |
| CHECKED BY: RJW | DATE: 02.28.18 | | | DATE: — |
| APPROVED BY: | DATE: | PROJECT NAME: US COLD STORAGE | PROJECT NO. C 18002 | DATE: — |
| TITLE: CONVEYOR CONTROL PANEL 01 ONE LINE DIAGRAM | | DRAWING NO. OL01.001 | REV. 1 | DATE: — |
| | | | | DATE: [1] 03.15.18 MCV |

| CABLE SCHEDULE CONVEYOR CONTROL PANEL 01 | | | | | | | | |
|--|---------|---------------|----------------|------|-----|------|------|---------|
| CKT No. | CIRCUIT | | CONDUCTOR | | | | | |
| | FROM | TO | BRANCH CIRCUIT | | GND | | TYPE | CONDUIT |
| | | | QTY | SIZE | QTY | SIZE | | |
| A | CCP-01 | CONV. P-500 | 3 | #14 | 1 | #14 | THHN | 0.75" |
| B | CCP-01 | CONV. P-502 | 3 | #14 | 1 | #14 | THHN | 0.75" |
| C | CCP-01 | CONV. P-504 | 3 | #14 | 1 | #14 | THHN | 0.75" |
| D | CCP-01 | CONV. P-506 | 3 | #14 | 1 | #14 | THHN | 0.75" |
| E | CCP-01 | CONV. P-501 | 3 | #14 | 1 | #14 | THHN | 0.75" |
| F | CCP-01 | CONV. P-503 | 3 | #14 | 1 | #14 | THHN | 0.75" |
| G | CCP-01 | CONV. P-505 | 3 | #14 | 1 | #14 | THHN | 0.75" |
| H | CCP-01 | CONV. P-507 | 3 | #14 | 1 | #14 | THHN | 0.75" |
| I | CCP-01 | CONV. P-509 | 3 | #14 | 1 | #14 | THHN | 0.75" |
| J | CCP-01 | CONV. P-510 | 3 | #14 | 1 | #14 | THHN | 0.75" |
| K | CCP-01 | CONV. P-511 | 3 | #14 | 1 | #14 | THHN | 0.75" |
| L | CCP-01 | CONV. P-512 | 3 | #14 | 1 | #14 | THHN | 0.75" |
| K | CCP-01 | CONV. P-508 | 3 | #14 | 1 | #14 | THHN | 0.75" |
| N | CCP-01 | CONV. P-112 | 3 | #14 | 1 | #14 | THHN | 0.75" |
| O | CCP-01 | CONV. P-113 | 3 | #14 | 1 | #14 | THHN | 0.75" |
| P | CCP-01 | CONV. P-212 | 3 | #14 | 1 | #14 | THHN | 0.75" |
| Q | CCP-01 | CONV. P-213 | 3 | #14 | 1 | #14 | THHN | 0.75" |
| R | CCP-01 | CONV. P-312 | 3 | #14 | 1 | #14 | THHN | 0.75" |
| S | CCP-01 | CONV. P-313 | 3 | #14 | 1 | #14 | THHN | 0.75" |
| T | CCP-01 | CONV. P-412 | 3 | #14 | 1 | #14 | THHN | 0.75" |
| U | CCP-01 | CONV. P-413 | 3 | #14 | 1 | #14 | THHN | 0.75" |
| V | CCP-01 | FIELD PSU-LN1 | 3 | #14 | 1 | #14 | THHN | 0.75" |
| W | CCP-01 | FIELD PSU-LN2 | 3 | #14 | 1 | #14 | THHN | 0.75" |
| X | CCP-01 | FIELD PSU-LN3 | 3 | #14 | 1 | #14 | THHN | 0.75" |
| Y | CCP-01 | FIELD PSU-LN4 | 3 | #14 | 1 | #14 | THHN | 0.75" |
| Z | CCP-01 | TRANSFORMER | 3 | #14 | 1 | #14 | THHN | 0.75" |

| PANEL SCHEDULE | | |
|----------------|------|-----------|
| CIRCUIT | OCPD | LOAD (VA) |
| CONV. P-500 | 1.1A | 375 |
| CONV. P-502 | 1.1A | 375 |
| CONV. P-504 | 1.1A | 375 |
| CONV. P-506 | 1.1A | 375 |
| CONV. P-501 | 1.6A | 560 |
| CONV. P-503 | 1.6A | 560 |
| CONV. P-505 | 1.6A | 560 |
| CONV. P-507 | 1.6A | 560 |
| CONV. P-509 | 1.6A | 560 |
| CONV. P-510 | 3.4A | 1,500 |
| CONV. P-511 | 3.0A | 1,125 |
| CONV. P-512 | 3.0A | 1,125 |
| CONV. P-508 | 3.4A | 1,500 |
| CONV. P-112 | 1.6A | 560 |
| CONV. P-113 | 2.1A | 750 |
| CONV. P-212 | 1.6A | 560 |
| CONV. P-213 | 2.1A | 750 |
| CONV. P-312 | 1.6A | 560 |
| CONV. P-313 | 2.1A | 750 |
| CONV. P-412 | 1.6A | 560 |
| CONV. P-413 | 2.1A | 750 |
| FIELD PSU-LN1 | 20A | 11,140 |
| FIELD PSU-LN2 | 20A | 11,140 |
| FIELD PSU-LN3 | 20A | 11,140 |
| FIELD PSU-LN4 | 20A | 11,140 |
| TRANSFORMER | 7A | 2000 |

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| CHECKED BY: RJW | DATE: 02.28.18 | | DATE: — |
| APPROVED BY: | DATE: | | PROJECT NAME: US COLD STORAGE |
| TITLE: CONVEYOR CONTROL PANEL 01 TABLES | | DRAWING NO. OL01.002 | REV. 1 |
| | | | DATE: [1] 03.15.18 MCV |