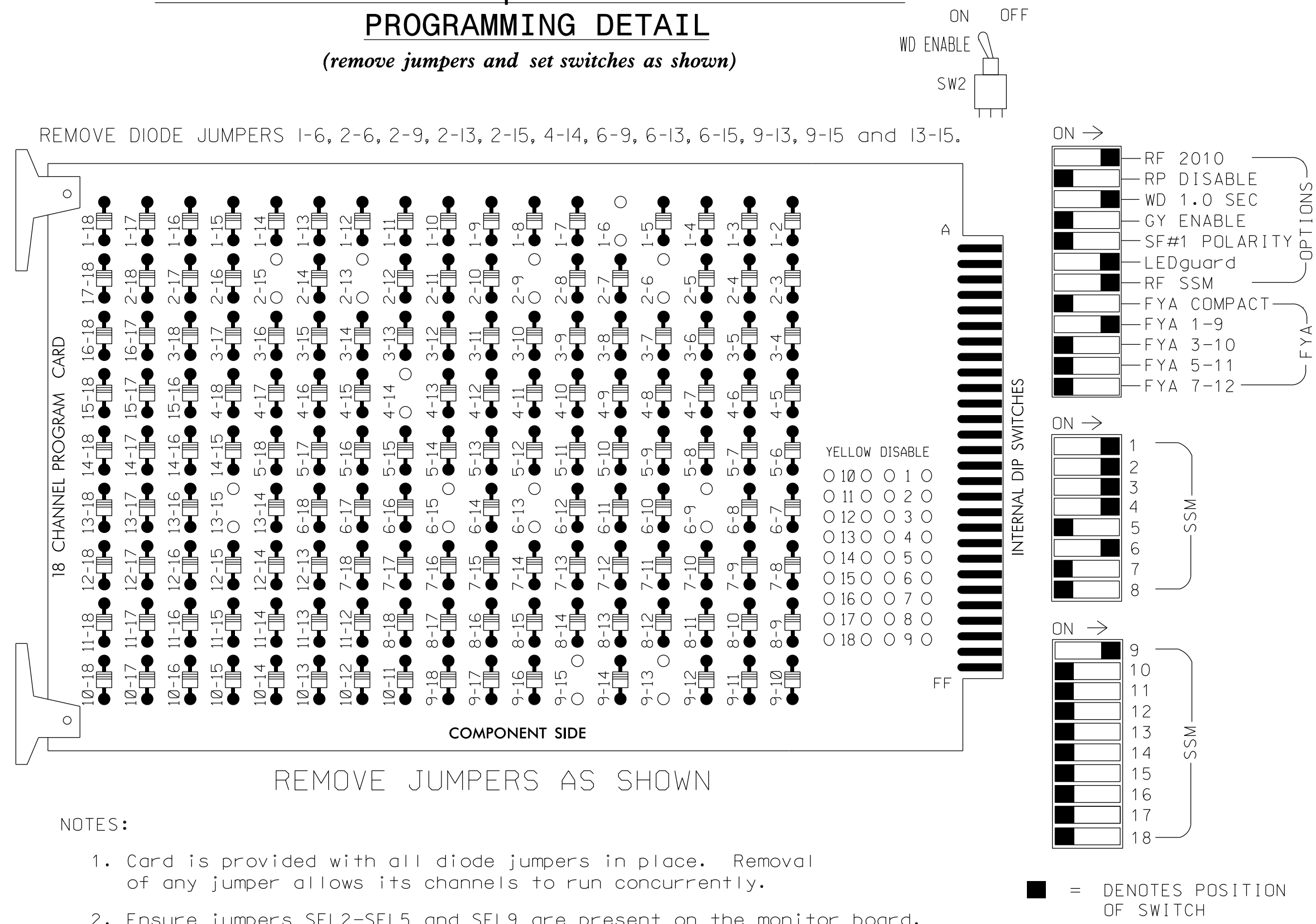


EDI MODEL 2018ECLIP-NC CONFLICT MONITOR PROGRAMMING DETAIL

(remove jumpers and set switches as shown)



NOTES

- To prevent "flash-conflict" problems, insert red flash program blocks for all unused vehicle load switches in the output file. The installer shall verify that signal heads flash in accordance with the Signal Plans.
- Enable Simultaneous Gap-Out for all phases.
- Program controller to start up in phase 2 Green and 6 Green.
- The cabinet and controller are part of the Fayetteville Signal System.
- Program phases 2 and 6 for Yellow Flash.
- Program phases 2, 4, 6 for 'STARTUP PED CALL'.

EQUIPMENT INFORMATION

CONTROLLER.....2070E
 CABINET.....332 W/AUX
 SOFTWARE.....ECONOLITE ASC/3-2070
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...18 WITH AUX. OUTPUT FILE
 LOAD SWITCHES USED.....S1,S2,S3,S4,S5,S6,S8,S9,AUX S1
 PHASES USED.....1,2,3,4,6,2PED,4PED,6PED
 OVERLAP "A".....*
 OVERLAP "B".....NOT USED
 OVERLAP "C".....NOT USED
 OVERLAP "D".....NOT USED

* See overlap programming detail on sheet 2

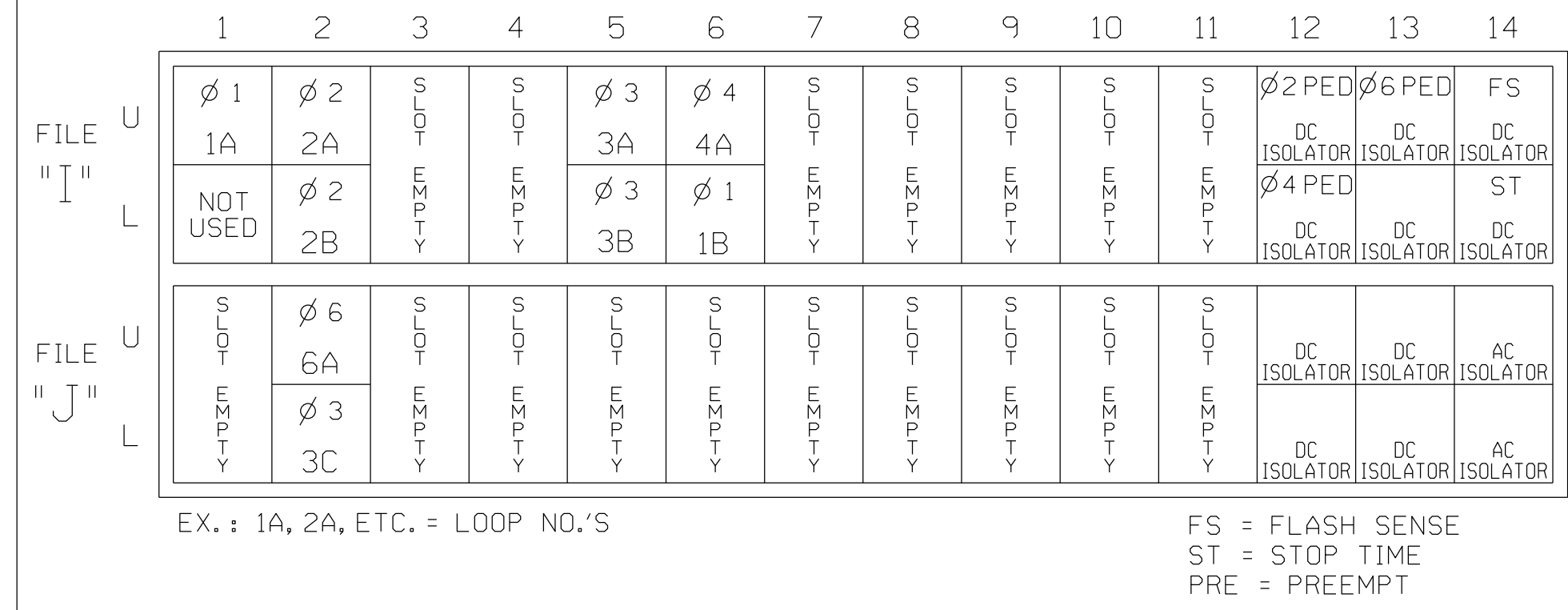
SIGNAL HEAD HOOK-UP CHART

| LOAD SWITCH NO. | S1 | S2 | S3 | S4 | S5 | S6 | S7 | S8 | S9 | S10 | S11 | S12 | AUX S1 | AUX S2 | AUX S3 | AUX S4 |
|-----------------------|-----|-----|-------|----------|-----|-------|-----|-----|----------|-----|-----|----------|--------|--------|--------|--------|
| CMU CHANNEL NO. | 1 | 2 | 13 | 3 | 4 | 14 | 5 | 6 | 15 | 7 | 8 | 16 | 9 | 10 | 17 | 11 |
| PHASE | 1 | 2 | 2 PED | 3 | 4 | 4 PED | 5 | 6 | 6 PED | 7 | 8 | 8 PED | OLA | OLB | SPARE | OLC |
| SIGNAL HEAD NO. | 11★ | 42 | 21,22 | P21, P22 | 31 | 32,33 | 41 | 42 | P41, P42 | NU | 62 | P61, P62 | NU | NU | NU | 11★ |
| RED | | 128 | | 116 | 116 | 101 | 101 | | | | 134 | | | | | |
| YELLOW | * | 129 | | 117 | 117 | 102 | 102 | | | | 135 | | | | | |
| GREEN | | 130 | | 118 | 118 | 103 | 103 | | | | 136 | | | | | |
| RED ARROW | | | | | | | | | | | | | | | | A121 |
| YELLOW ARROW | | 126 | | | | | | | | | | | | | | A122 |
| FLASHING YELLOW ARROW | | | | | | | | | | | | | | | | A123 |
| GREEN ARROW | 127 | 127 | | 118 | 103 | | | | | | | | | | | |
| Hand icon | | | | 113 | | | | 104 | | | 119 | | | | | |
| Person icon | | | | 115 | | | | 106 | | | 121 | | | | | |

NU = Not Used
 * Denotes install load resistor. See load resistor installation detail this sheet.
 ★ See pictorial of head wiring in detail this sheet.

INPUT FILE POSITION LAYOUT

(front view)



INPUT FILE CONNECTION & PROGRAMMING CHART

| LOOP NO. | LOOP TERMINAL | INPUT FILE POS. | PIN NO. | DETECTOR NO. | NEMA PHASE | EXTEND TIME | DELAY TIME | DETECTOR TYPE |
|----------|---------------|-----------------|---------|--------------|------------|-------------|------------|---------------|
| 1A | TB2-1,2 | I1U | 56 | 1 | 1 | | 15 | S |
| 2A | TB2-5,6 | I2U | 39 | 2 | 2 | | 3 | S |
| 2B | TB2-7,8 | I2L | 43 | 12 | 2 | | 3 | S |
| 3A | TB4-5,6 | I5U | 58 | 3 | 3 | | | S |
| 3B | TB4-7,8 | I5L | 58 | 3 | 3 | | | S |
| 3C | TB3-7,8 | J2L | 44 | 16 | 3 | | 15 | S |
| 4A | TB4-9,10 | I6U | 41 | 4 | 4 | | 3 | S |
| 1B | TB4-11,12 | I6L | 45 | 14 | 4 | | 15 | S |
| 6A | TB3-5,6 | J2U | 40 | 6 | 6 | | 3 | S |

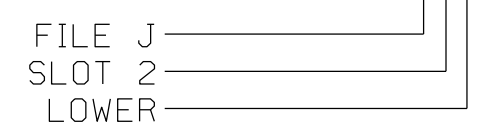
PED PUSH BUTTONS

| | | | | | |
|---------|---------|------|----|-------|-------|
| P21,P22 | TB8-4,6 | I12U | 67 | PED 2 | 2 PED |
| P41,P42 | TB8-5,6 | I12L | 69 | PED 4 | 4 PED |
| P61,P62 | TB8-7,9 | I13U | 68 | PED 6 | 6 PED |

NOTE: INSTALL DC ISOLATORS IN INPUT FILE SLOTS 112 AND 113.

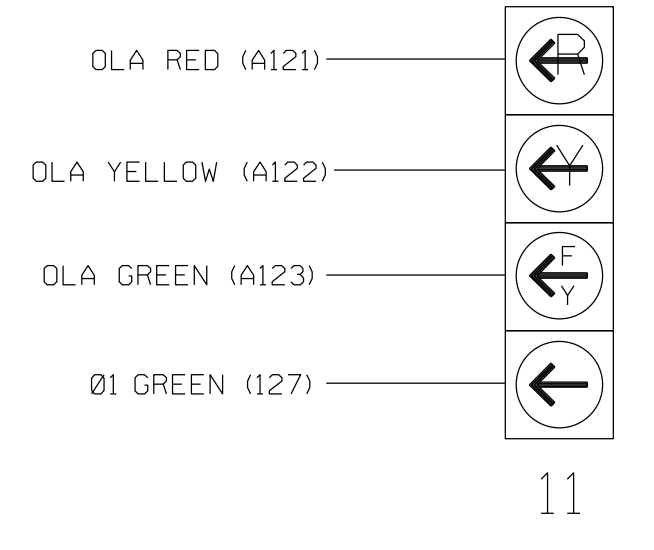
* System detector only. Remove any assigned vehicle phase.

INPUT FILE POSITION LEGEND: J2L



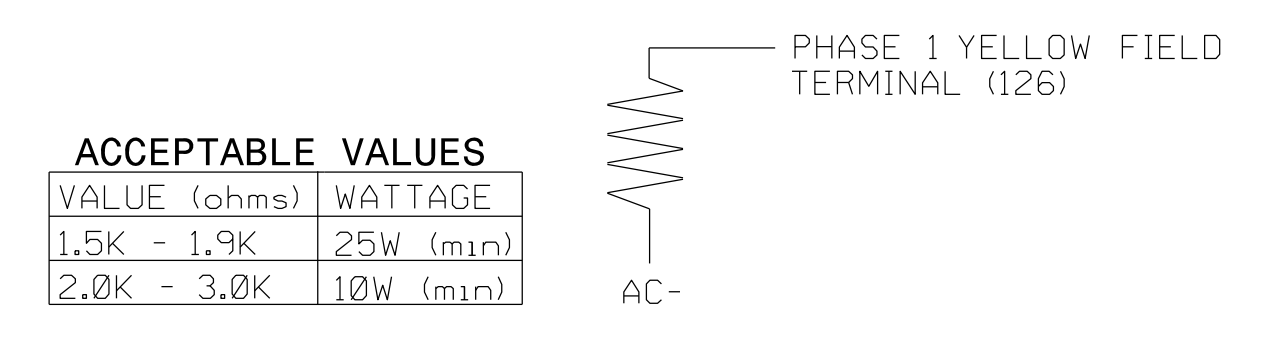
FYA SIGNAL WIRING DETAIL

(wire signal heads as shown)

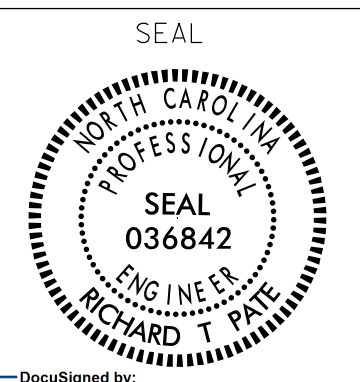


LOAD RESISTOR INSTALLATION DETAIL

(install resistors as shown)



Green Street at Old Street/Bow Street



| | |
|--------------------------|------------------|
| PLAN DATE: NOVEMBER 2016 | REVIEWED BY: RWT |
| PREPARED BY: RTP | REVIEWED BY: |
| REVISIONS | INIT. DATE |
| | |
| | |

DocuSigned by: Richard T Pate 11/21/2016

SIG. INVENTORY NO. C009

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HATCH MOTT MACDONALD & E, LLC
 LICENSE NO. F4669

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