

| Markup Code | Action           | Count |
|-------------|------------------|-------|
| A           | SWAP ACTIVE      | 7     |
| B           | SWAP LE WITH AMP | 0     |
| C           | MOVE ACTIVE      | 0     |
| D           | TAP FPC          | 0     |
| E           | TAP NEW          | 5     |
| F           | SPLITTER FPC     | 0     |
| G           | SPLITTER NEW     | 0     |
| H           | ADD ACTIVE       | 0     |
| I           | EQ NEW           | 0     |
| J           | EQ REMOVE        | 0     |
| K           | EQ FPC           | 0     |

Tech - POE

NODE

Be sure PS is 90V

Y6s after Node is Complete

Tech - DRABEK

4 Actives

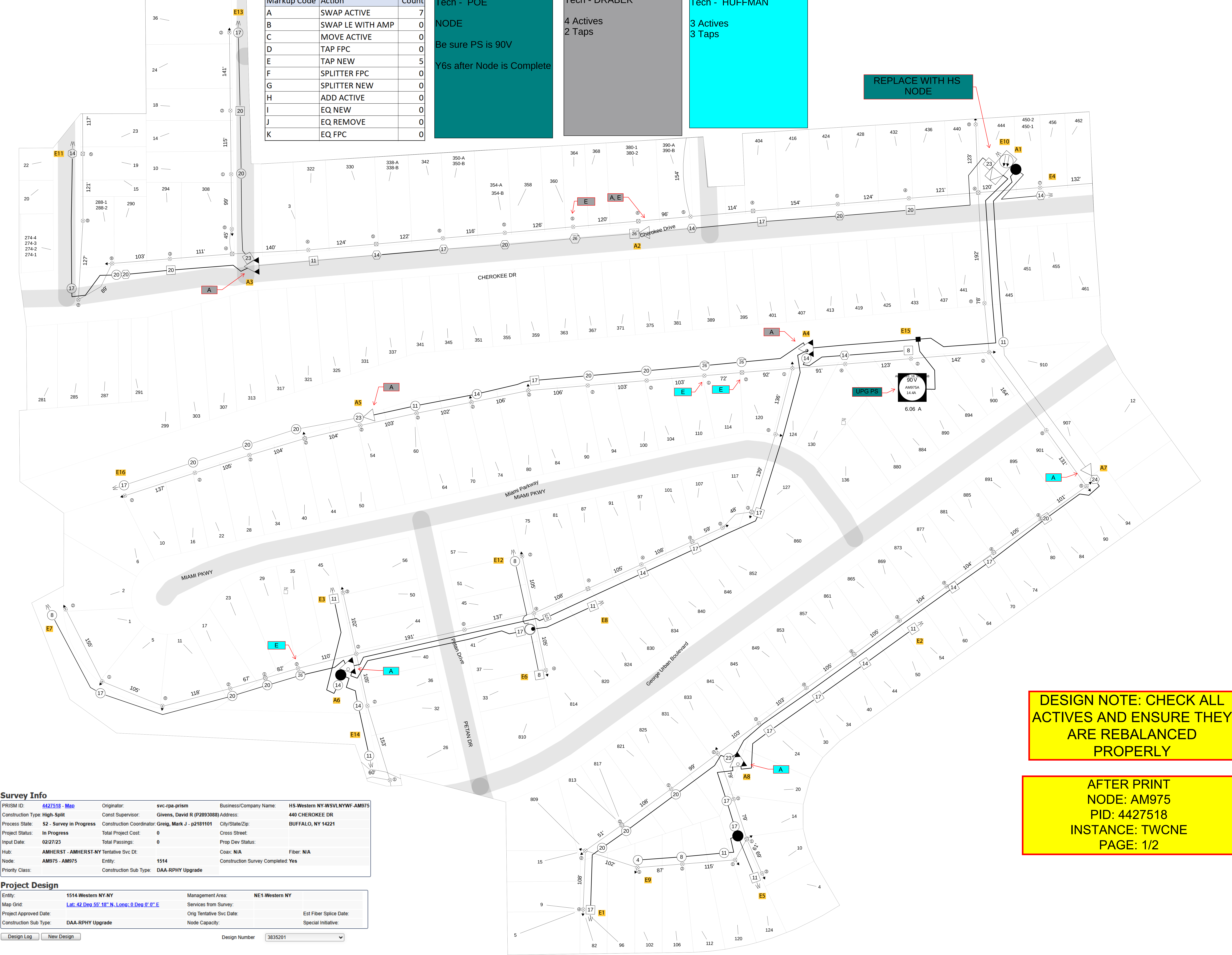
2 Taps

Tech - HUFFMAN

3 Actives

3 Taps

REPLACE WITH HS  
NODE



DESIGN NOTE: CHECK ALL  
ACTIVES AND ENSURE THEY  
ARE REBALANCED  
PROPERLY

AFTER PRINT  
NODE: AM975  
PID: 4427518  
INSTANCE: TWCNE  
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|                                             |                                                    |                                                     |
|---------------------------------------------|----------------------------------------------------|-----------------------------------------------------|
| PRISM ID: 4427518 - Map                     | Originator: svc-rpa-prism                          | Business/Company Name: HS-Western NY-WSVLNYWF-AM975 |
| Construction Type: High-Split               | Const Supervisor: Givens, David R (P2893088)       | Address: 440 CHEROKEE DR                            |
| Process State: S2 - Survey in Progress      | Construction Coordinator: Greig, Mark J - p2181101 | City/State/Zip: BUFFALO, NY 14221                   |
| Project Status: In Progress                 | Total Project Cost: 0                              | Cross Street:                                       |
| Input Date: 02/27/23                        | Total Passings: 0                                  | Prop Dev Status:                                    |
| Hub: AMHERST - AMHERST-NY Tentative Svc Dt: | Coax: N/A                                          | Fiber: N/A                                          |
| Node: AM975 - AM975                         | Entity: 1514                                       | Construction Survey Completed: Yes                  |
| Priority Class:                             | Construction Sub Type: DAA-RPHY Upgrade            |                                                     |

Project Design

|                        |                                                           |                          |                |                        |
|------------------------|-----------------------------------------------------------|--------------------------|----------------|------------------------|
| Entity:                | 1514-Western NY-NY                                        | Management Area:         | NE1-Western NY |                        |
| Map Grid:              | <a href="#">Lat: 42 Deg 55' 18" N Long: 0 Deg 0' 0" E</a> | Services from Survey:    |                |                        |
| Project Approved Date: |                                                           | Orig Tentative Svc Date: |                | Est Fiber Splice Date: |
| Construction Sub Type: | DAA-RPHY Upgrade                                          | Node Capacity:           |                | Special Initiative:    |

ACTIVES - 1

| TAG | NAME      | MODEL                          | INPUT    |   |         |   |         |   |       |   | OUTPUT   |         |         |       | FWD PAD |   | FWD EQ |   | RTN PAD |   | RTN EQ |   | CASCADE |     | DLA  | POWER SUPPLY | VOLTAGE | CURRENT |
|-----|-----------|--------------------------------|----------|---|---------|---|---------|---|-------|---|----------|---------|---------|-------|---------|---|--------|---|---------|---|--------|---|---------|-----|------|--------------|---------|---------|
|     |           |                                | 1002 MHz |   | 258 MHz |   | 204 MHz |   | 5 MHz |   | 1002 MHz | 258 MHz | 204 MHz | 5 MHz | D       | A | D      | A | D       | A | D      | A | T       | B   |      |              |         |         |
|     |           |                                | D        | A | D       | A | D       | A | D     | A |          |         |         |       |         |   |        |   |         |   |        |   |         |     |      |              |         |         |
| A1  | AM975     | VNS_EN9000-GAP_HS1.8_04_1X4_49 | N/A      |   | N/A     |   | N/A     |   | N/A   |   | 46       | 34      | 11      | 11    | N/A     |   | N/A    |   | N/A     |   | N/A    |   | N/A     | N/A | 0    | AM975A       | 88.1    | 4.37    |
| A2  | AM97502A1 | AOI_QUANTUM18-BLE_1_A_49       | 16.45    |   | 18.66   |   | 25.51   |   | 19.41 |   | 46       | 34      | 11      | 11    | 7       |   | 13     |   | 12      |   | 14     |   | 1       | 0   | 609  | AM975A       | 86.9    | 1.06    |
| A3  | AM97503A1 | AOI_QUANTUM18-MB_2_A_49        | 12.66    |   | 14.28   |   | 29.72   |   | 22.91 |   | 46       | 34      | 11      | 11    | 14      |   | 1      |   | 8       |   | 16     |   | 2       | 0   | 748  | AM975A       | 86.2    | 0.63    |
| A4  | AM97504A1 | AOI_QUANTUM18-MB_2_A_49        | 33.46    |   | 27.67   |   | 16.77   |   | 12.8  |   | 46       | 34      | 11      | 11    | 21      |   | CS15   |   | 21      |   | 10     |   | 1       | 0   | 626  | AM975A       | 89.5    | 1.69    |
| A5  | AM97505A1 | AOI_QUANTUM18-BLE_1_A_49       | 14.13    |   | 18.74   |   | 25.28   |   | 17.99 |   | 46       | 34      | 11      | 11    | 6       |   | N/A    |   | 12      |   | 17     |   | 2       | 0   | 787  | AM975A       | 89      | 0.43    |
| A6  | AM97506A1 | AOI_QUANTUM18-MB_2_A_49        | 12.64    |   | 17.15   |   | 26.53   |   | 18.14 |   | 46       | 34      | 11      | 11    | 13      |   | 7      |   | 11      |   | 20     |   | 2       | 0   | 1031 | AM975A       | 88.5    | 0.63    |
| A7  | AM97507A1 | AOI_QUANTUM18-BLE_1_A_49       | 23.99    |   | 21.48   |   | 22.85   |   | 18.33 |   | 46       | 34      | 11      | 11    | 16      |   | 3      |   | 15      |   | 11     |   | 1       | 0   | 565  | AM975A       | 87.2    | 1.06    |
| A8  | AM97508A1 | AOI_QUANTUM18-MB_2_A_49        | 19.67    |   | 21.26   |   | 22.88   |   | 16.71 |   | 46       | 34      | 11      | 11    | 21      |   | 1      |   | 15      |   | 15     |   | 2       | 0   | 830  | AM975A       | 86.5    | 0.63    |

EOL - 1

| TAG | 1002 MHz |   | 258 MHz |   |
|-----|----------|---|---------|---|
|     | D        | A | D       | A |
| E1  | 13.96    |   | 10.36   |   |
| E2  | 14.26    |   | 11.43   |   |
| E3  | 19.69    |   | 12.53   |   |
| E4  | 22.9     |   | 14      |   |
| E5  | 16.36    |   | 10.37   |   |
| E6  | 12.67    |   | 8.54    |   |
| E7  | 16.36    |   | 15.81   |   |
| E8  | 13.45    |   | 9.14    |   |
| E9  | 10.87    |   | 9.72    |   |
| E10 | 46       |   | 34      |   |
| E11 | 10.93    |   | 10.12   |   |
| E12 | 12.67    |   | 8.54    |   |
| E13 | 13.42    |   | 9.71    |   |
| E14 | 16.3     |   | 10.89   |   |
| E15 | 18.26    |   | 10.97   |   |
| E16 | 11.91    |   | 9.35    |   |

AFTER PRINT  
NODE: AM975  
PID: 4427518  
INSTANCE: TWCNE  
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