## Branch Panel: 2EP

Location: ELEC 113
Supply From: TX2EP
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

Notes:
MINI-POWERZONE COMBINATION TRANSFORMER/PANEL

| CKT | Circuit Description | Trip | Poles | A | B | C | Poles | Trip | Circuit Description | CKT |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | FACP* | 20 A | 1 | 1.0 kVA 2.9 kVA | | | 1 | 30 A | RECEPTACLE PROGRAM SERVER 105 | 2 |
| 3 | SPACE | -- | -- | | 0.0 kVA 2.9 kVA | | 1 | 30 A | RECEPTACLE PROGRAM SERVER 105 | 4 |
| 5 | SPACE | -- | -- | | | 0.0 kVA 0.4 kVA | 1 | 20 A | RECEPTACLE PROGRAM SERVER 105 | 6 |
| 7 | SPACE | -- | -- | 0.0 kVA 0.4 kVA | | | 1 | 20 A | RECEPTACLE PROGRAM SERVER 105 | 8 |
| 9 | SPACE | -- | -- | | 0.0 kVA 0.4 kVA | | 1 | 20 A | RECEPTACLE PROGRAM SERVER 105 | 10 |
| 11 | SPACE | -- | -- | | | 0.0 kVA 0.4 kVA | 1 | 20 A | RECEPTACLE PROGRAM SERVER 105 | 12 |
| 13 | SPACE | -- | -- | 0.0 kVA 0.0 kVA | | | -- | -- | SPACE | 14 |
| 15 | SPACE | -- | -- | | 0.0 kVA 0.0 kVA | | -- | -- | SPACE | 16 |
| 17 | SPARE | 20 A | 1 | | | 0.0 kVA 0.0 kVA | 1 | 20 A | SPARE | 18 |
| 19 | SPARE | 20 A | 1 | 0.0 kVA 0.0 kVA | | | 1 | 20 A | SPARE | 20 |
| 21 | SPARE | 20 A | 1 | | 0.0 kVA 0.0 kVA | | 1 | 20 A | SPARE | 22 |
| 23 | SPARE | 20 A | 1 | | | 0.0 kVA 0.0 kVA | 1 | 20 A | SPARE | 24 |
| | | | Total Load: | 4240 VA | 3240 VA | 720 VA | | | | |
| | | | Total Amps: | 39 A | 30 A | 6 A | | | | |

Legend:

| Load Classification | Connected Load | Demand Factor | Estimated Demand | Panel Totals | |
|---|---|---|---|---|---|
| Power | 1000 VA | 100.00% | 1000 VA | | |
| RECEPTACLE | 7200 VA | 100.00% | 7200 VA | Total Conn. Load: | 8200 VA |
| | | | | Total Est. Demand: | 8200 VA |
| | | | | Total Conn.: | 23 A |
| | | | | Total Est. Demand: | 23 A |

Notes:
*PROVIDE CIRCUIT BREAKER WITH FACTORY PROVIDED RED HANDLE.

## Branch Panel: 2P3A

Location: FUTURE
Supply From: TX3
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

Notes:

| CKT | Circuit Description | Trip | Poles | A | B | C | Poles | Trip | Circuit Description | CKT |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | RECEPTACLE | 20 A | 1 | 1 kVA 0 kVA | | | 1 | 20 A | RECEPTACLE | 2 |
| 3 | RECEPTACLE | 20 A | 1 | | 1 kVA 1 kVA | | 1 | 20 A | RECEPTACLE | 4 |
| 5 | RECEPTACLE | 20 A | 1 | | | 1 kVA 0 kVA | -- | -- | SPACE | 6 |
| 7 | SPACE | -- | -- | 0 kVA 0 kVA | | | -- | -- | SPACE | 8 |
| 9 | SPACE | -- | -- | | 0 kVA 0 kVA | | -- | -- | SPACE | 10 |
| 11 | SPACE | -- | -- | | | 0 kVA 0 kVA | -- | -- | SPACE | 12 |
| 13 | SPACE | -- | -- | 0 kVA 0 kVA | | | -- | -- | SPACE | 14 |
| 15 | SPACE | -- | -- | | 0 kVA 0 kVA | | -- | -- | SPACE | 16 |
| 17 | SPACE | -- | -- | | | 0 kVA 0 kVA | -- | -- | SPACE | 18 |
| 19 | SPACE | -- | -- | 0 kVA 0 kVA | | | -- | -- | SPACE | 20 |
| 21 | SPACE | -- | -- | | 0 kVA 0 kVA | | -- | -- | SPACE | 22 |
| 23 | SPACE | -- | -- | | | 0 kVA 0 kVA | -- | -- | SPACE | 24 |
| 25 | SPACE | -- | -- | 0 kVA 0 kVA | | | -- | -- | SPACE | 26 |
| 27 | SPACE | -- | -- | | 0 kVA 0 kVA | | -- | -- | SPACE | 28 |
| 29 | SPACE | -- | -- | | | 0 kVA 0 kVA | -- | -- | SPACE | 30 |
| 31 | SPACE | -- | -- | 0 kVA 0 kVA | | | -- | -- | SPACE | 32 |
| 33 | SPACE | -- | -- | | 0 kVA 0 kVA | | -- | -- | SPACE | 34 |
| 35 | SPACE | -- | -- | | | 0 kVA 0 kVA | -- | -- | SPACE | 36 |
| 37 | SPACE | -- | -- | 0 kVA 0 kVA | | | -- | -- | SPACE | 38 |
| 39 | SPACE | -- | -- | | 0 kVA 0 kVA | | -- | -- | SPACE | 40 |
| 41 | SPACE | -- | -- | | | 0 kVA 0 kVA | -- | -- | SPACE | 42 |
| | | | Total Load: | 1440 VA | 1620 VA | 720 VA | | | | |
| | | | Total Amps: | 13 A | 14 A | 6 A | | | | |

Legend:

| Load Classification | Connected Load | Demand Factor | Estimated Demand | Panel Totals | |
|---|---|---|---|---|---|
| RECEPTACLE | 3780 VA | | VA | | |
| | | | | Total Conn. Load: | 3780 VA |
| | | | | Total Est. Demand: | 3780 VA |
| | | | | Total Conn.: | 10 A |
| | | | | Total Est. Demand: | 10 A |

Notes:

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