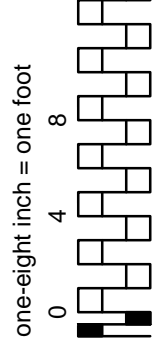
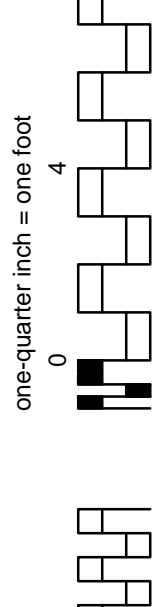
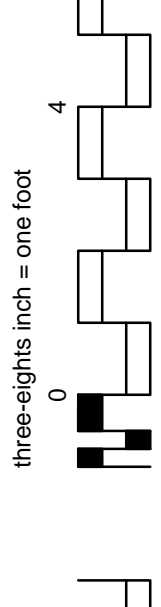
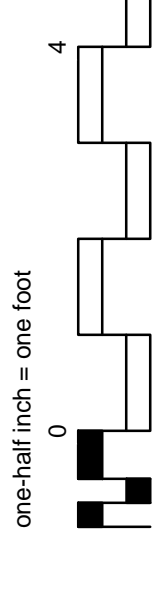
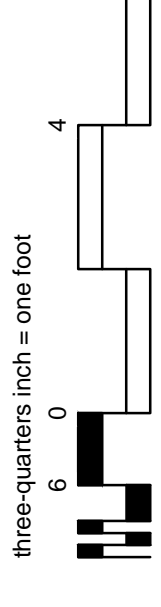
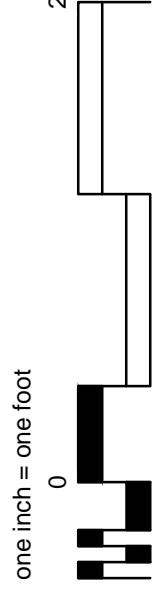
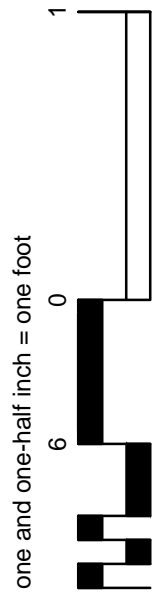
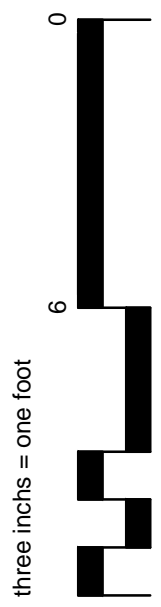
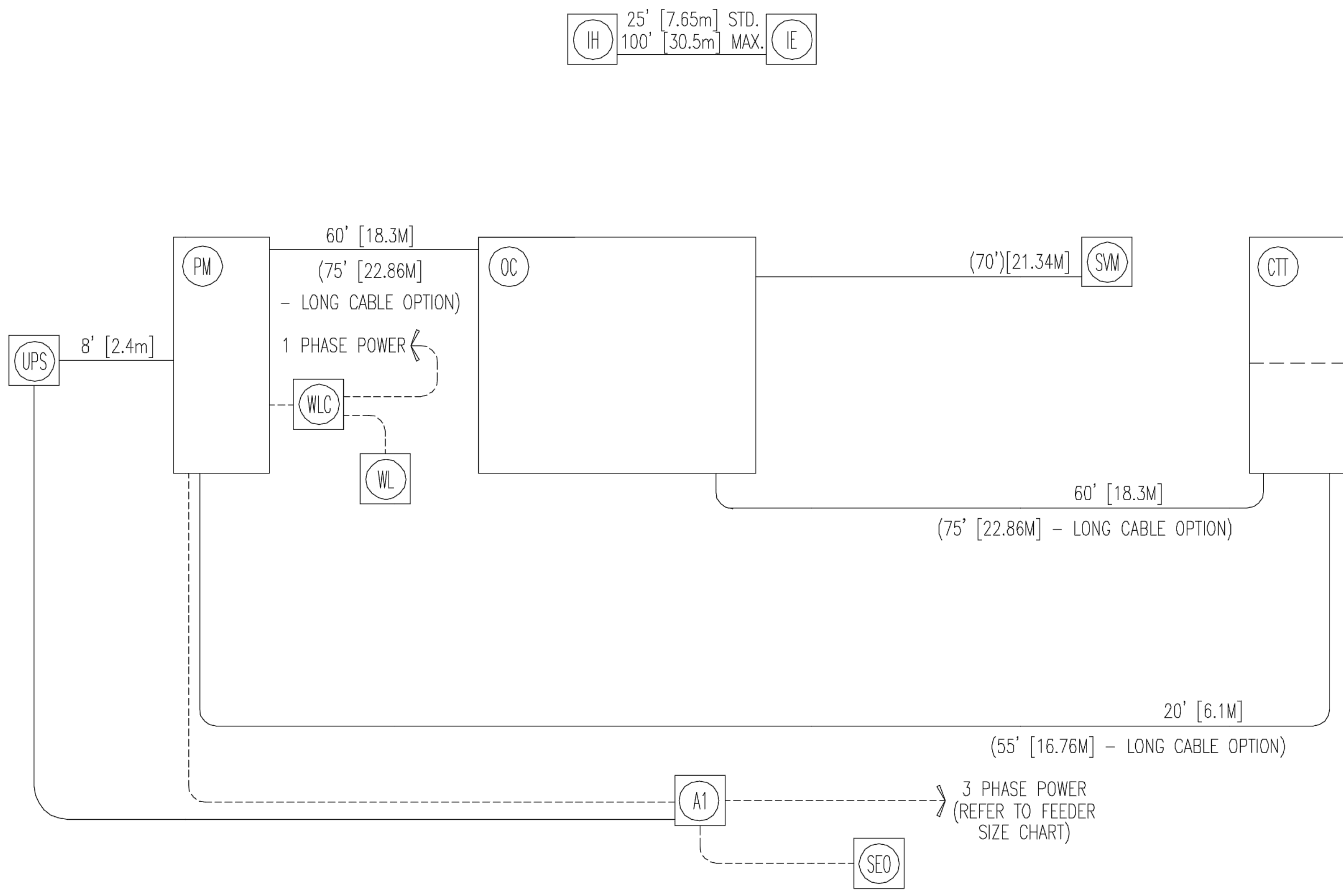


three eighths inch = one foot
one and one-half inch = one foot
one inch = one foot
three-quarters inch = one foot
one-half inch = one foot
three-quarters inch = one foot
one-half inch = one foot
three-eighths inch = one foot
one-quarter inch = one foot
one-eighth inch = one foot



THIS SHEET IS PART OF THE DOCUMENT SET LISTED ON SHEET C1 AND SHOULD NOT BE SEPARATED. ALL SHEETS IN THIS DOCUMENT SET CONTAIN ELECTRICAL INFORMATION AND REFERENCES.

INTERCONNECT DIAGRAM



POWER SPECIFICATIONS

CT LightSpeed Pro 16 / RT / VCT

VOLTAGE
PRIMARY SOURCE IS REQUIRED FOR ALL INSTALLATIONS.
RANGE OF LINE VOLTAGES: NOMINAL LINE VOLTAGE OF 380 TO 480, 3 PHASE, 50 OR 60 HZ.
REQUIRED POWER SUPPLY: WYE-CONNECTED
MAXIMUM DAILY VOLTAGE VARIATION MUST FALL WITHIN ONE OF THE RANGES IN TABLE A.

| NOMINAL VOLTAGE | ABSOLUTE RANGE | CURRENT (AMPS) | | MINIMUM STANDARD OVERCURRENT PROTECTION |
|-----------------|----------------|----------------|------------|---|
| | | MAXIMUM | CONTINUOUS | |
| 380 | 342-418 | 253 | 38 | 150-A |
| 400 | 360-440 | 241 | 36 | 150-A |
| 420 | 378-462 | 229 | 34 | 150-A |
| 440 | 396-484 | 219 | 33 | 125-A |
| 460 | 414-506 | 209 | 31 | 125-A |
| 480 | 432-528 | 200 | 30 | 125-A |

(ALL CALCULATIONS BASED UPON NOMINAL VOLTAGE)

PHASE-TO-PHASE VOLTAGES MUST BE WITHIN +2 PERCENT OF THE LOWEST PHASE-TO-PHASE VOLTAGE.
TRANSIENT VOLTAGE EXCURSIONS ARE 2.5 PERCENT OF RATED LINE VOLTAGE AT A MAXIMUM DURATION OF 1 CYCLE AND FREQUENCY OF 10 TIMES PER HOUR.

VOLTAGE TRANSIENT OR IMPULSE ON THE INCOMING POWER MUST BE HELD TO A MINIMUM. TRANSIENTS CAUSED BY LIGHTNING SURGES, LOAD SWITCHING, STATIC ELECTRICITY ETC. CAN CAUSE SCAN ABORTS OR IN EXTREME INSTANCES, COMPONENT FAILURE IN THE COMPUTER SUBSYSTEM.

POWER DEMAND
CONTINUOUS POWER DEMAND = 25 KVA (MAX DEMAND = 150 KVA)

| DEMAND | CT HISSpeed |
|--------|-----------------|
| | POWER FACTOR AT |
| kva * | 150 |
| | 0.85 |

* DEMAND INCLUDES POWER FOR ENTIRE CT SYSTEM.
LINE VOLTAGE REGULATION AT MAXIMUM POWER DEMAND MUST BE LESS THAN OR EQUAL TO 6 PERCENT.

DISTRIBUTION TRANSFORMER
FOR A SINGLE UNIT INSTALLATION, THE MINIMUM TRANSFORMER REGULATOR DEVICE.

NOTE: THE CT SYSTEM MUST NOT BE POWERED IN A MULTIPLE INSTALLATION WHERE FILM CHANGERS ARE USED. FILM CHANGERS UTILIZE A LARGE NUMBER OF HIGH POWERED, CLOSELY SPACED EXPOSURES WHICH MAY COINCIDE WITH THE CT SCAN.

ELECTRICAL NOTES

- NOTE 1: ALL WIRES SPECIFIED SHALL BE STRANDED, FLEXIBLE, THERMO-PLASTIC, COLOR CODED, COPPER ONLY, OUT 10 FOOT LONG AT OUTLET BOXES, DUCT TERMINATION POINTS OR STUBBED CONDUIT ENDS, UNLESS OTHERWISE SPECIFIED. ALL CONDUCTORS, POWER, SIGNAL AND GROUND, MUST BE RUN IN CONDUIT OR DUCT SYSTEM. ELECTRICAL CONTRACTOR SHALL RING OUT AND TAG ALL WIRES AT BOTH ENDS. WIRE RUNS MUST BE CONTINUOUS COPPER AND FREE FROM SPLICES.
- NOTE 2: WIRE SIZES GIVEN ARE FOR USE OF EQUIPMENT. LARGER SIZES MAY BE REQUIRED BY LOCAL CODES.
- NOTE 3: IT IS RECOMMENDED THAT ALL WIRES BE COLOR CODED, AS REQUIRED IN ACCORDANCE WITH NATIONAL AND LOCAL ELECTRICAL CODES.
- NOTE 4: CONDUIT SIZES SHALL BE VERIFIED BY THE ARCHITECT, ELECTRICAL ENGINEER OR CONTRACTOR, IN ACCORDANCE WITH LOCAL OR NATIONAL CODES.
- NOTE 5: CONVENIENCE OUTLETS ARE NOT ILLUSTRATED. THEIR NUMBER AND LOCATION ARE TO BE SPECIFIED BY OTHERS. LOCATE AT LEAST ONE CONVENIENCE OUTLET CLOSE TO THE SYSTEM CONTROL. THE POWER DISTRIBUTION UNIT AND ONE ON EACH WALL OF THE PROCEDURE ROOM. USE HOSPITAL APPROVED OUTLET OR EQUIVALENT.
- NOTE 6: GENERAL ROOM ILLUMINATION IS NOT ILLUSTRATED. CAUTION SHOULD BE TAKEN TO AVOID EXCESSIVE HEAT FROM OVERHEAD SPOTLIGHTS. DAMAGE CAN OCCUR TO CEILING MOUNTING COMPONENTS AND WIRING IF HIGH WATTAGE BULBS ARE USED. RECOMMEND LOW WATTAGE BULBS NO HIGHER THAN 75 WATTS AND USE DIMMER CONTROLS (EXCEPT MR). DO NOT MOUNT LIGHTS DIRECTLY ABOVE AREAS WHERE CEILING MOUNTED ACCESSORIES WILL BE PARKED.
- NOTE 7: ROUTING OF CABLE DUCTWORK, CONDUITS ETC., OTHER THAN SHOWN ON THIS DRAWING MAY RESULT IN THE NEED FOR GREATER THAN STANDARD CABLE LENGTHS (REFER TO THE INTERCONNECTION DIAGRAM FOR MAXIMUM USABLE LENGTHS POINT TO POINT).
- NOTE 8: CONDUIT TURNS TO HAVE LARGE, SWEEPING BENDS WITH MINIMUM RADIUS IN ACCORDANCE WITH NATIONAL AND LOCAL ELECTRICAL CODES.
- NOTE 9: A SPECIAL GROUNDING SYSTEM IS REQUIRED IN ALL PROCEDURE ROOMS BY SOME NATIONAL AND LOCAL CODES. IT IS RECOMMENDED IN AREAS WHERE PATIENTS MIGHT BE EXAMINED OR TREATED UNDER PRESENT, FUTURE, OR EMERGENCY CONDITIONS. CONSULT THE GOVERNING ELECTRICAL CODE AND CONFER WITH APPROPRIATE CUSTOMER ADMINISTRATIVE PERSONNEL TO DETERMINE THE AREAS REQUIRING THIS TYPE OF GROUNDING SYSTEM.
- NOTE 10: THE MAXIMUM POINT TO POINT DISTANCES ILLUSTRATED ON THIS DRAWING MUST NOT BE EXCEEDED.
- NOTE 11: PHYSICAL CONNECTION OF PRIMARY POWER TO GE EQUIPMENT IS TO BE MADE BY A QUALIFIED ELECTRICAL CONTRACTOR WITH THE SUPERVISION OF A GE REPRESENTATIVE. THE GE REPRESENTATIVE WOULD BE REQUIRED TO IDENTIFY THE PHYSICAL CONNECTION LOCATION, AND INSURE PROPER HANDLING OF GE EQUIPMENT.

DIAGRAM KEY

--- CUSTOMER/CONTRACTOR SUPPLIED WIRING. ROUTE IN ADEQUATE CONDUIT OR RACEWAY.
— GE FURNISHED CABLE RUNS. ROUTE IN EMPTY CONDUIT OR RACEWAY.
50' [15m] MAXIMUM RUN LENGTH BETWEEN JUNCTION POINTS.
Feet [Meters]

GE Healthcare Technologies
Installation Services Design Center
Minneapolis, Minnesota
Wisconsin

SHEET TITLE: ELECTRICAL SPECIFICATIONS
MODALITY TYPE: LIGHTSPEED PRO 16
THIS PLAN IS SUBMITTED TO THE ARCHITECT FOR REVIEW AND APPROVAL. IT IS THE RESPONSIBILITY OF THE ARCHITECT TO VERIFY THE ACCURACY OF THE INFORMATION PROVIDED AND TO MAKE ANY NECESSARY CHANGES TO THE PLAN. THE COMPANY CANNOT ACCEPT RESPONSIBILITY FOR ANY DAMAGES RESULTING THEREFROM.

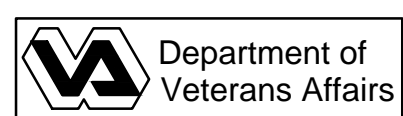
PROJECT TITLE:
6-50f
TYPICAL LAYOUT

| PROJECT | REVISION |
|-----------------|----------|
| 6-50f | 02 |
| DATE: 08-28-07 | |
| DRAWN BY: SDB | |
| CHECKED BY: JGA | |

REVISION HISTORY:

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SHEET
E2
NFSH-1002



FOR REFERENCE ONLY

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EMERGENCY DEPARTMENT
AMARILLO VA HEALTH CARE SYSTEM
AMARILLO, TEXAS

Approved: VA Area Proj. Mgr.

V.A. PROJECT NO: VA258-P-0196
SBBL PROJECT NO: 0110.00.0
DRAWN BY: Author
CHECKED BY: Checker
DATE: 07/15/11

| Δ | Date | Revision |
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Approved: Med. Ctr. Director

Approved: Asst. Admin Engineering Service

Approved: Asst. VA Medical Director

Approved: Chief of Facilities

Approved: Chief of Engineering

Approved: Chief of Projects

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KEY PLAN

48-EQS-4.6