DUCT BANK CONDUIT SCHEDULE

DUCT SECTION NUMBER	CONDUIT NUMBER	WIRE SIZE	CONDUIT SIZE	COMMENTS
A	1	3-500KCMIL-5KV-SHD & 1-4/0(600V)GND	5"	5KV SERVICE FEEDER - BUILDING 30 - CCT#1E
	2	3-500KCMIL-5KV-SHD & 1-4/0(600V)GND	5"	5KV SERVICE FEEDER - BUILDING 30 - CCT#2E
	3	---	5"	SPARE
	4	---	5"	SPARE
B	1	3-500KCMIL-5KV-SHD & 1-4/0(600V)GND	5"	5KV SERVICE FEEDER - BUILDING 30 CCT #1E
	2	----	5"	SPARE
C	1	3-500KCMIL-5KV-SHD & 1-4/0(600V)GND	5"	5KV SERVICE FEEDER - BUILDING 30 CCT #2E
	2	----	5"	SPARE
D	1	3-500KCMIL-5KV-SHD & 1-4/0(600V)GND	EXISTING 5"	5KV SERVICE FEEDERS - BUILDING 30 - CCT#1E
	2	3-500KCMIL-5KV-SHD & 1-4/0(600V)GND	EXISTING 5"	5KV SERVICE FEEDERS - BUILDING 30 - CCT#2E
	3	----	EXISTING 5"	SPARE
	4	----	EXISTING 5"	SPARE
	5	----	EXISTING 5"	SPARE
	6	----	EXISTING 5"	SPARE
	7	----	EXISTING 5"	SPARE
	8	----	EXISTING 5"	SPARE
	9	----	EXISTING 5"	SPARE
	10	----	EXISTING 5"	SPARE
	11	----	EXISTING 5"	SPARE
	12	----	EXISTING 5"	SPARE
E	1	4-600KCMIL + 1 #3/0GND	4"	EMERGENCY ONLY FEEDER
	2	4-600KCMIL + 1 #3/0GND	4"	EMERGENCY ONLY FEEDER
	3	4-600KCMIL + 1 #3/0GND	4"	EMERGENCY ONLY FEEDER
	4	---	4"	SPARE
	5	COMMUNICATION CABLE PER MANUFACTURERS REQUIREMENTS	4"	REMOTE ANNUNCIATOR
	6	16 - #10 (2HR RATED CABLE, TYPE RHH)	4"	EQ, LS & ELEV. ATS CONTROL WIRING FIRE PUMP CONTROLLER
F	1	3 #4/0 + 1 #6	4"	GUARD BOOTH
	2	---	4"	SPARE
G	1	4 #6 + 1 #8	1 1/2"	ROLLING GATE
	2	---	1 1/2"	SPARE
H	1	2 #4 + 1 #6	1 1/2"	ARM GATE
	2	---	1 1/2"	SPARE
I	1	2 #6 + 1 #8	1"	ILLUMINATED SIGN
	2	---	1"	SPARE
J	1	3 #4/0 + 1 #2	4"	GUARD BOOTH PANELBOARD
	2	4 #6 + 1 #8	4"	ROLLING GATE
	3	10 #4 + 1 #6	4"	ARM GATE
	4	2 #6 + 1 #8	4"	ILLUMINATED SIGN
	5	---	4"	SPARE
	6	---	4"	SPARE
K	1	2 #8 & 1 #10	1 1/2"	LIGHTING STANDARD POWER CONDUCTOR
L	1	4 #4 + 1 #6	1 1/2"	ARM GATES
	2	---	1 1/2"	SPARE
M	1	2 #8 & 1 #10	1 1/2"	LIGHTING STANDARD POWER CONDUCTOR

1 Section 'A'
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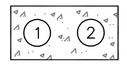

2 Section 'B'
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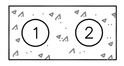

3 Section 'C'
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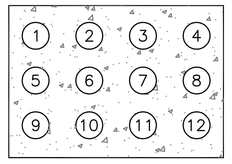

4 Section 'D'
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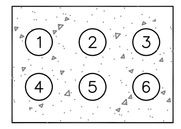

5 Section 'E'
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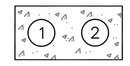

6 Section 'F'
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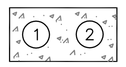

7 Section 'G'
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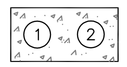

8 Section 'H'
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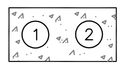

9 Section 'I'
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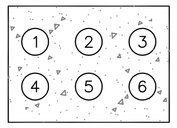
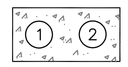


10 Section 'J'
SCALE: No Scale

11 Section 'K'
SCALE: No Scale



12 Section 'L'
SCALE: No Scale

13 Section 'M'
SCALE: No Scale

FOR CONSTRUCTION
FULLY SPRINKLERED

CONSULTANTS:

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Revisions: **Date**

ARCHITECT/ENGINEERS:

ARCHITECTURE ENGINEERING INTERIOR DESIGN DESIGN/BUILD ASTORINO

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Drawing Title: **Electrical Details**

Approved: Project Director

Project Title: **VA CARES CONSOLIDATION VAMC, PITTSBURGH, PA RESEARCH OFFICE BLDG.**

Location: **VAPHS UNIVERSITY DRIVE**

Date: **08-18-10** | Checked: **TMR** | Drawn: **LLG**

Project Number: **646CA2500R**

Building Number: **30**

Drawing Number: **EP7-101**

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Office of Facilities Management

Department of Veterans Affairs

VA FORM 08-6231, OCT 1978

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