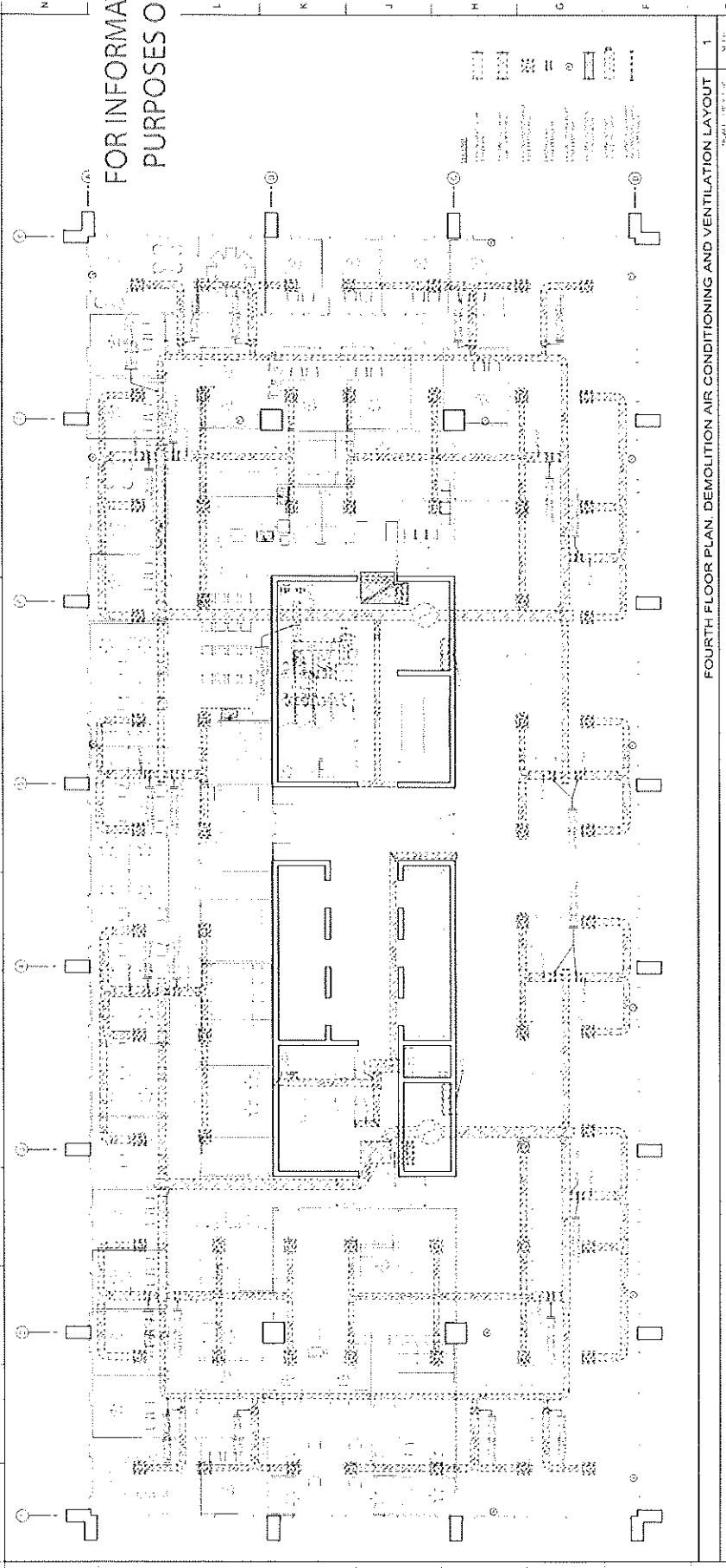


NOTES:

FOR INFORMATION
PURPOSES ONLY



FOURTH FLOOR PLAN, DEMOLITION AIR CONDITIONING AND VENTILATION LAYOUT

1

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING:

- 1. ASHRAE HANDBOOK OF PRACTICE
- 2. ASHRAE HANDBOOK OF EQUIPMENT
- 3. ASHRAE HANDBOOK OF REFRIGERATION
- 4. ASHRAE HANDBOOK OF HVAC

AEP 1120W DACO SECRETARY
 OFFICES 4th FLOOR
 WASHINGTON, D.C.

A B C
 D E

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING:

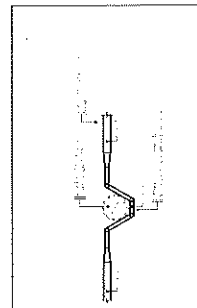
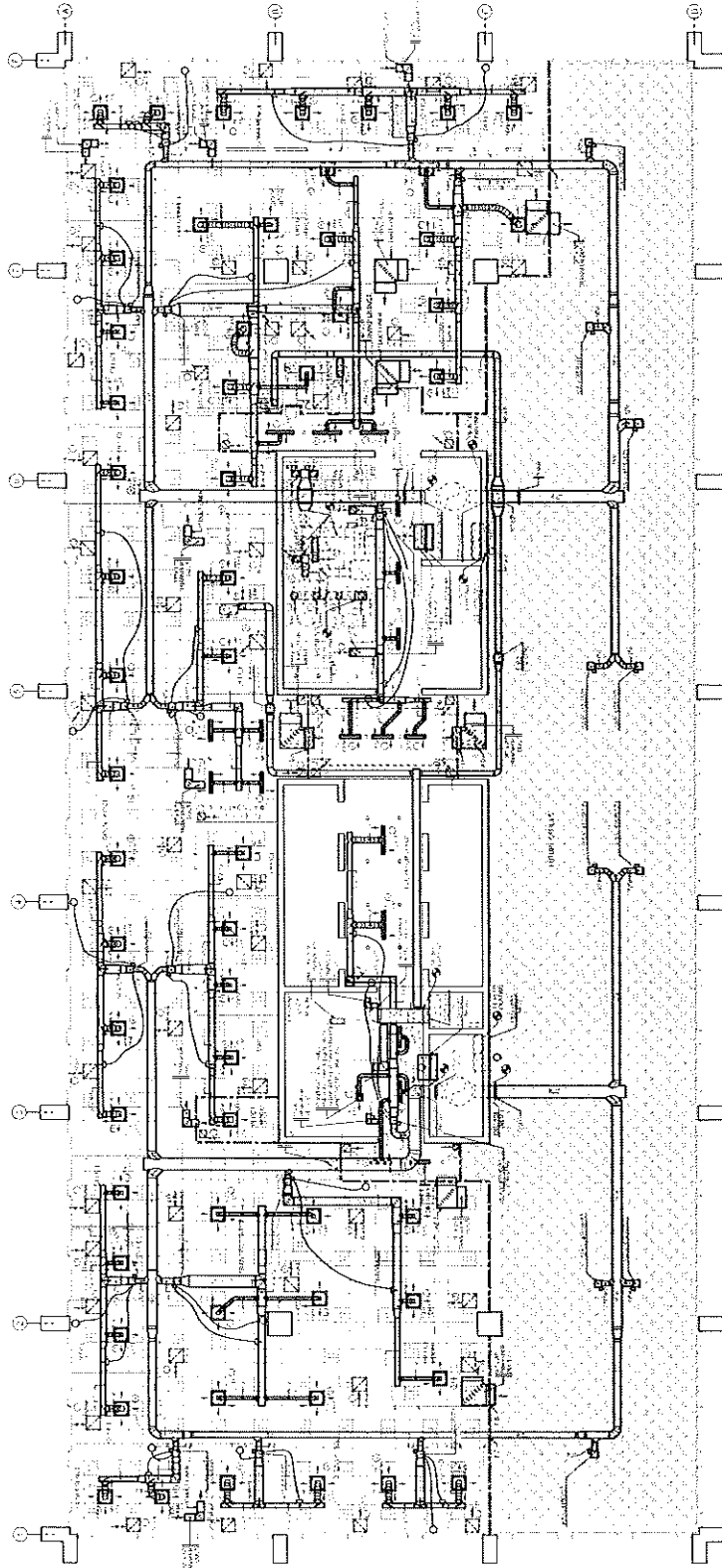
- 1. ASHRAE HANDBOOK OF PRACTICE
- 2. ASHRAE HANDBOOK OF EQUIPMENT
- 3. ASHRAE HANDBOOK OF REFRIGERATION
- 4. ASHRAE HANDBOOK OF HVAC

Fourth Floor Plan, Demolition
 Air Cond. & Vent. Layout

M-1.0

NOTES:

FOR INFORMATION
PURPOSES ONLY



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
EXHAUST DUCT TRANSITION DETAIL		FOURTH FLOOR PLAN, AIR CONDITIONING AND VENTILATION LAYOUT													
2		1													

N
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AEP 1120W DACO SECRETARY
OFFICES 4th FLOOR
HONG KONG
NOV 2005

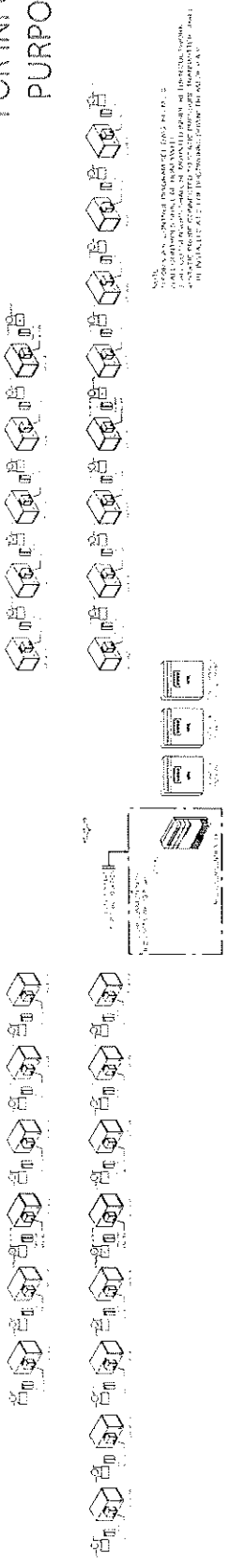


Fourth Floor Plan
Air Cond. & Vent. Layout

M-1.1

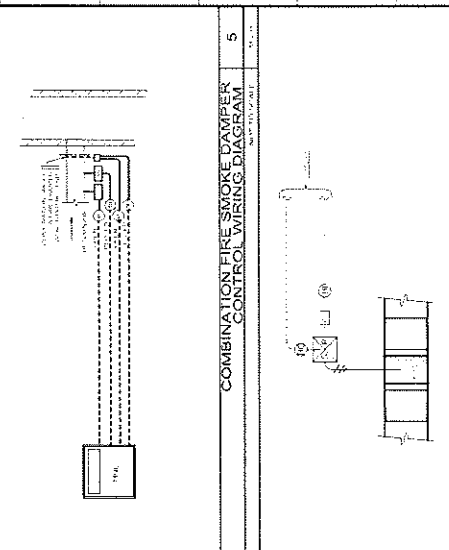
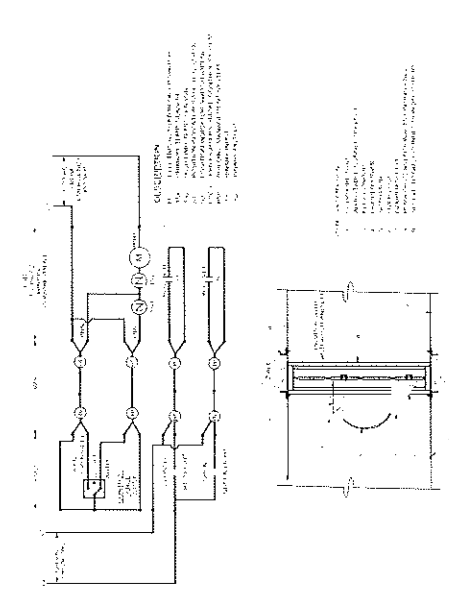
NOTES:

FOR INFORMATION PURPOSES ONLY



CONTROL SYSTEM DIAGRAM

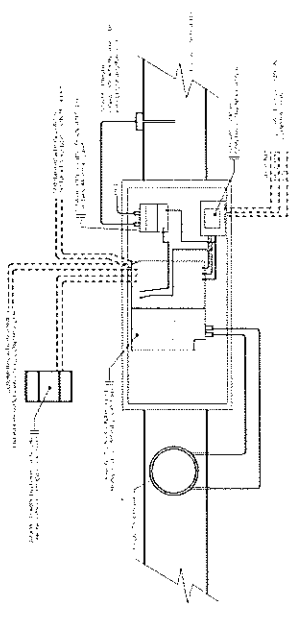
SYM	DESCRIPTION	MANUFACTURER	MODEL	REMARKS
1	240V AC POWER			
2	240V AC POWER			
3	240V AC POWER			
4	240V AC POWER			
5	240V AC POWER			
6	240V AC POWER			
7	240V AC POWER			
8	240V AC POWER			
9	240V AC POWER			
10	240V AC POWER			
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95	240V AC POWER			
96	240V AC POWER			
97	240V AC POWER			
98	240V AC POWER			
99	240V AC POWER			
100	240V AC POWER			



EXHAUST FAN CONTROL DIAGRAM FOR (F-401 & F-402)

COMBINATION FIRE SMOKE DAMPER CONTROL WIRING DIAGRAM

- 1. FAN MOTOR: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 2. FAN STOP: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 3. FAN MOTOR: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 4. FAN STOP: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 5. FAN MOTOR: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 6. FAN STOP: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 7. FAN MOTOR: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 8. FAN STOP: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 9. FAN MOTOR: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 10. FAN STOP: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 11. FAN MOTOR: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 12. FAN STOP: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 13. FAN MOTOR: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 14. FAN STOP: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 15. FAN MOTOR: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 16. FAN STOP: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 17. FAN MOTOR: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 18. FAN STOP: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 19. FAN MOTOR: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 20. FAN STOP: 1/2 HP, 230V, 3-PHASE, 60 HZ.



- 1. VAV MOTOR: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 2. VAV STOP: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 3. VAV MOTOR: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 4. VAV STOP: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 5. VAV MOTOR: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 6. VAV STOP: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 7. VAV MOTOR: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 8. VAV STOP: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 9. VAV MOTOR: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 10. VAV STOP: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 11. VAV MOTOR: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 12. VAV STOP: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 13. VAV MOTOR: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 14. VAV STOP: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 15. VAV MOTOR: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 16. VAV STOP: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 17. VAV MOTOR: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 18. VAV STOP: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 19. VAV MOTOR: 1/2 HP, 230V, 3-PHASE, 60 HZ.
- 20. VAV STOP: 1/2 HP, 230V, 3-PHASE, 60 HZ.

CONTROL SYSTEM DIAGRAM

CONTROL SYSTEM DIAGRAM

CONTROL SYSTEM LEGEND

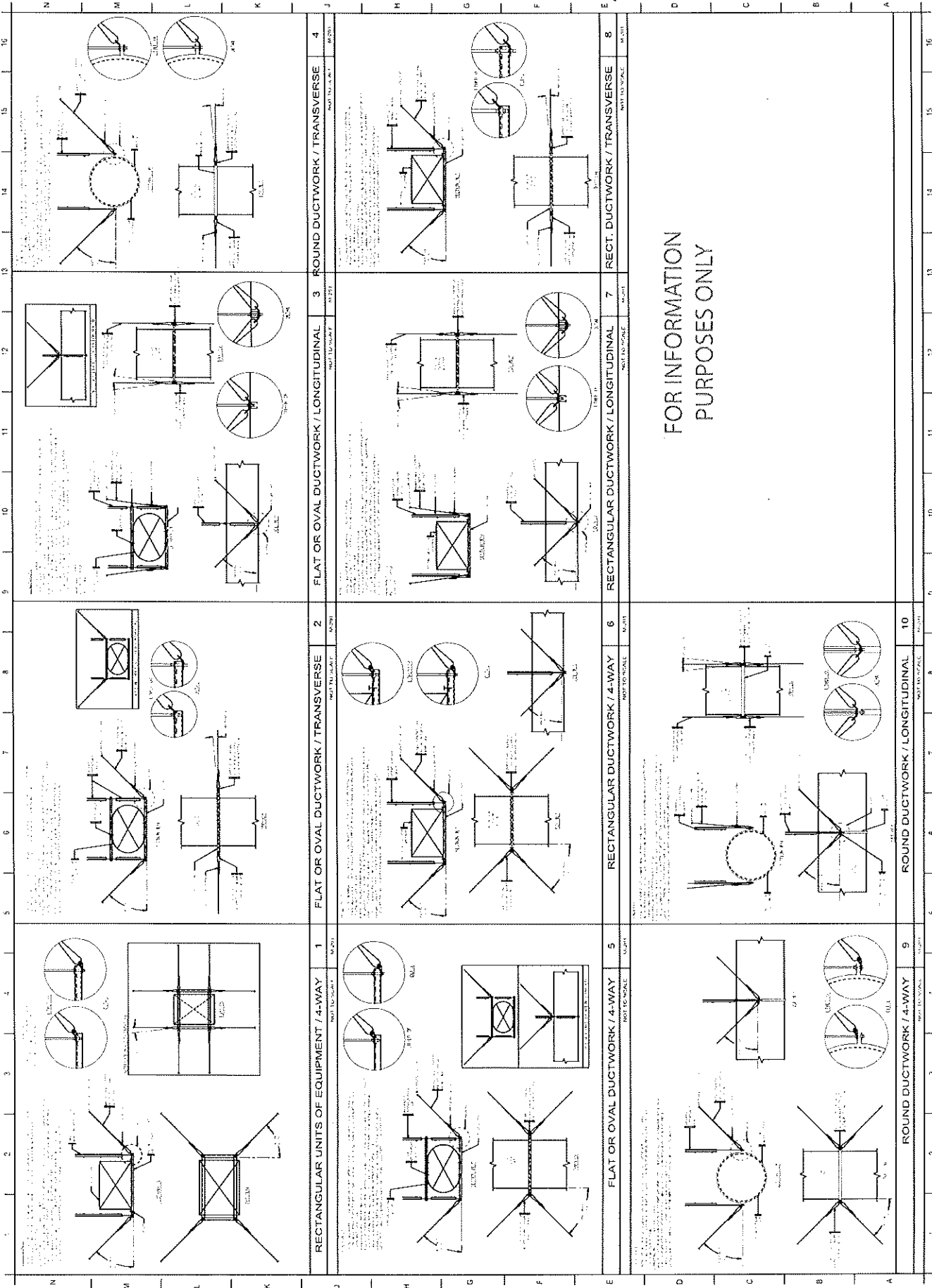
M-2.0

AEP 1120W DACO SECRETARY
 OFFICES 4TH FLOOR
 1000 15th St, NW
 Washington, DC 20004
 (202) 462-5000
 FAX (202) 462-5001
 WWW.AEP-USA.COM

JOSEF EDON WEBSTER
 LICENSED
 ELECTRICIAN
 LIC. 98823

Schedule, General Notes
 & Details

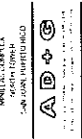
NOTES:



FOR INFORMATION
PURPOSES ONLY

NO.	DATE	DESCRIPTION
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3	06/14/20	ISSUE FOR PERMIT
4	06/14/20	ISSUE FOR PERMIT
5	06/14/20	ISSUE FOR PERMIT
6	06/14/20	ISSUE FOR PERMIT
7	06/14/20	ISSUE FOR PERMIT
8	06/14/20	ISSUE FOR PERMIT
9	06/14/20	ISSUE FOR PERMIT
10	06/14/20	ISSUE FOR PERMIT

AEP 1120W DACO SECRETARY
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300 S. GARDEN STREET
DALLAS, TEXAS 75201
TEL: 214.241.2000
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JOSEPH E. DEON, P.E.
LICENSED MECHANICAL ENGINEER
STATE OF TEXAS
LICENSE NO. 34937
1100 W. WOODWAY
DALLAS, TEXAS 75201
TEL: 214.241.2000
FAX: 214.241.2001
WWW.AEP-USA.COM

Ductwork Support Details
PROJECT: AEP 1120W
DATE: 06/14/20
SCALE: AS SHOWN
SHEET: M-2.1

M-2.1

VARIABLE AIR VOLUME TERMINAL UNITS

- 1. Direct Data Units... 2. System Controller... 3. 2-Pipe VAV Terminal... 4. On-Off/Variable Air Volume...

GENERAL NOTES

- 1. All work shall be in accordance with the contract documents... 2. The contractor shall be responsible for obtaining all permits... 3. All materials shall be of the highest quality...

AIR DISTRIBUTION SCHEDULE

Table with columns: ROOM NO., ROOM NAME, FAN, R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42, R43, R44, R45, R46, R47, R48, R49, R50, R51, R52, R53, R54, R55, R56, R57, R58, R59, R60, R61, R62, R63, R64, R65, R66, R67, R68, R69, R70, R71, R72, R73, R74, R75, R76, R77, R78, R79, R80, R81, R82, R83, R84, R85, R86, R87, R88, R89, R90, R91, R92, R93, R94, R95, R96, R97, R98, R99, R100.

VARIABLE AIR VOLUME BOXES SCHEDULE

Table with columns: ROOM NO., ROOM NAME, FAN, R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42, R43, R44, R45, R46, R47, R48, R49, R50, R51, R52, R53, R54, R55, R56, R57, R58, R59, R60, R61, R62, R63, R64, R65, R66, R67, R68, R69, R70, R71, R72, R73, R74, R75, R76, R77, R78, R79, R80, R81, R82, R83, R84, R85, R86, R87, R88, R89, R90, R91, R92, R93, R94, R95, R96, R97, R98, R99, R100.

FAN SCHEDULE

Table with columns: FAN NO., FAN NAME, FAN TYPE, FAN SPEED, FAN CAPACITY, FAN EFFICIENCY, FAN POWER, FAN VOLTAGE, FAN FREQUENCY, FAN RPM, FAN WEIGHT, FAN HEIGHT, FAN WIDTH, FAN DEPTH.

DAMPER SCHEDULE

Table with columns: DAMPER NO., DAMPER NAME, DAMPER TYPE, DAMPER SIZE, DAMPER MATERIAL, DAMPER WEIGHT, DAMPER HEIGHT, DAMPER WIDTH, DAMPER DEPTH.

LEGEND

- 1. Terminal and group symbols... 2. VAV Terminal... 3. On-Off/Variable Air Volume... 4. Fan symbols... 5. Damper symbols...

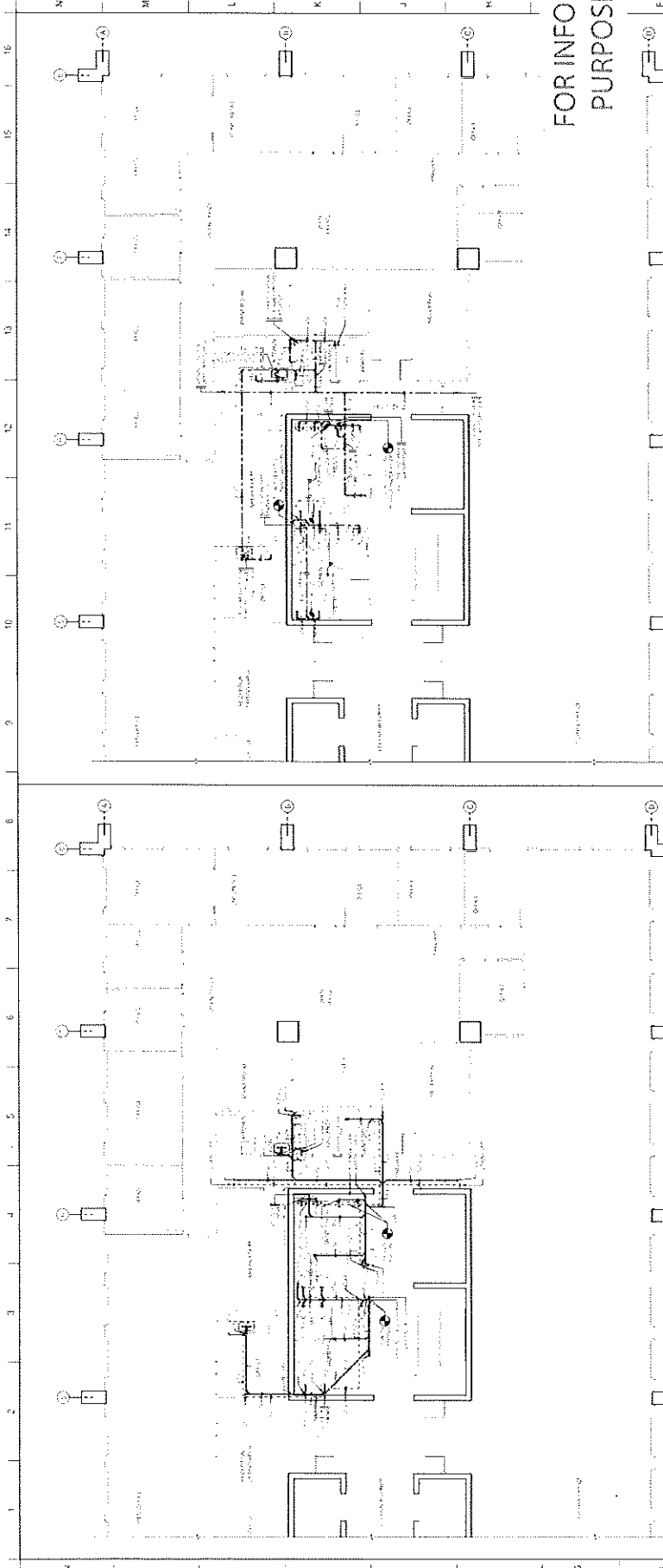
FOR INFORMATION PURPOSES ONLY

AEP 1120W DACQ SECRETARY OFFICES 4th FLOOR... NEW YORK, NY 10017

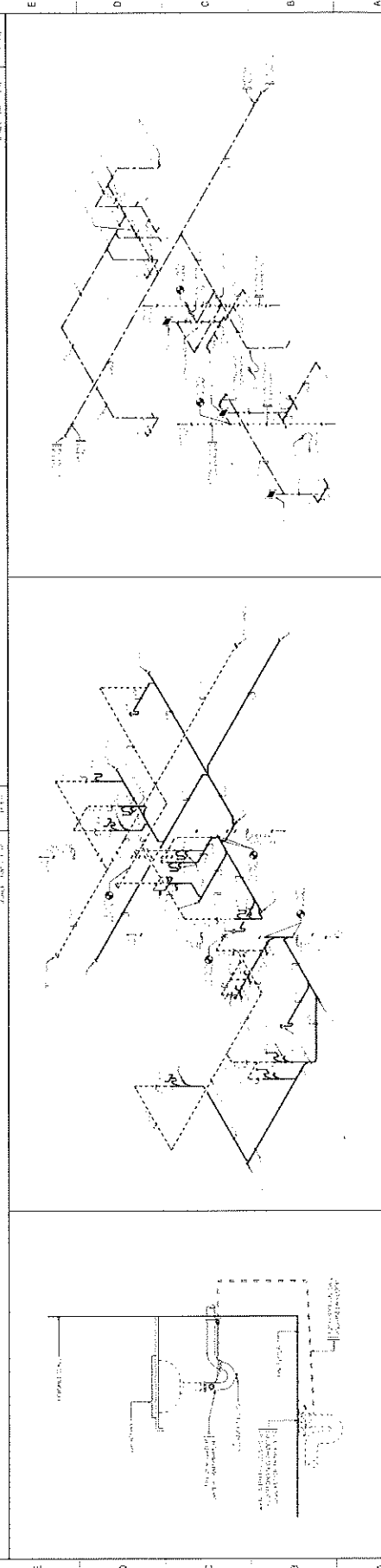


GENERAL CONTRACTOR... SCHEDULES & GENERAL NOTES... M-3.0

NOTES



FOURTH FLOOR PLAN, SANITARY LAYOUT 2



FOURTH FLOOR PLAN, WATER DISTRIBUTION LAYOUT 1

FOR INFORMATION
PURPOSES ONLY

DATE: 11/15/2011
 DRAWN BY: J. M. B. JR.
 CHECKED BY: J. M. B. JR.
 PROJECT NO.: 11-001-0001
 SHEET NO.: 11-001-0001-001

AEP 1120W/DACO SECRETARY
 OFFICES 4th FLOOR
 PUBLIC SERVICE
 1120 W. DAKOTA STREET
 SIOUX FALLS, SD 57105

A D C

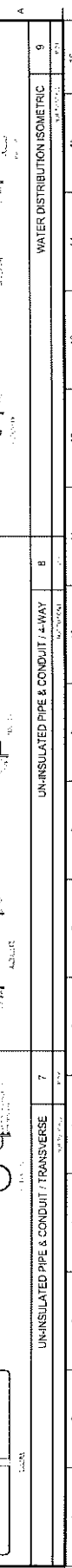
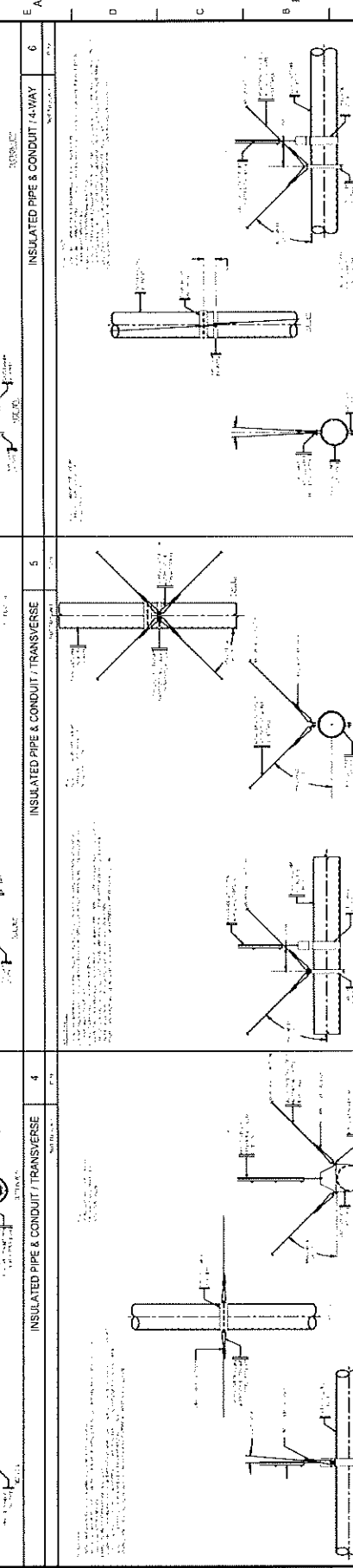
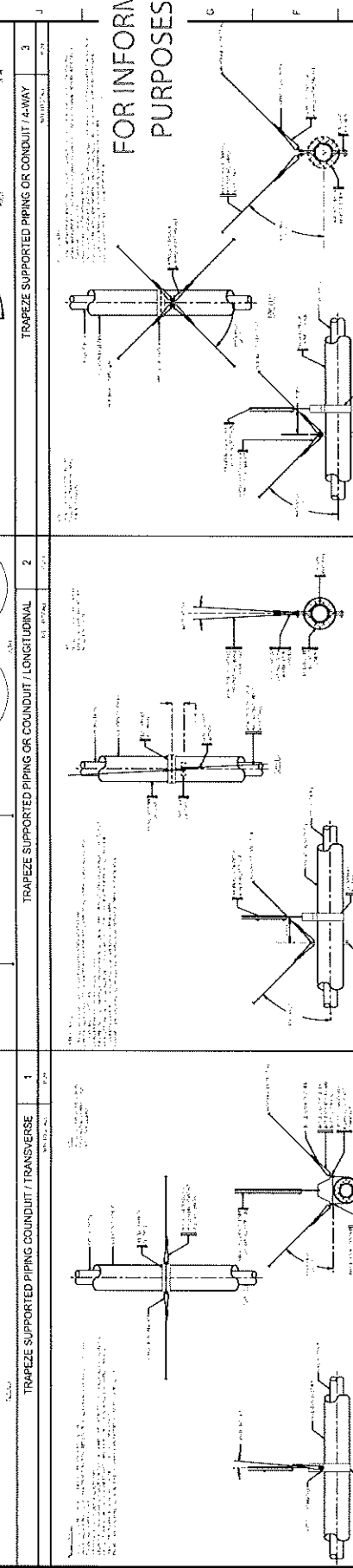
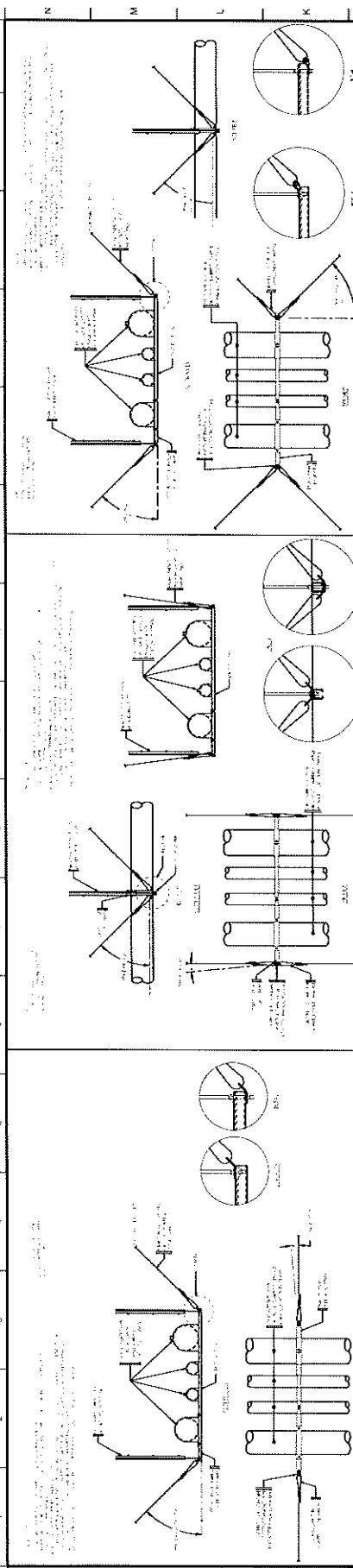


PROJECT NO.	11-001-0001
SHEET NO.	11-001-0001-001
DATE	11/15/2011
DRAWN BY	J. M. B. JR.
CHECKED BY	J. M. B. JR.
PROJECT	AEP 1120W/DACO SECRETARY OFFICES 4th FLOOR

P-1.0

SECTION	1	2	3	4	5
DESCRIPTION	FOURTH FLOOR PLAN, WATER DISTRIBUTION LAYOUT		SANITARY ISOMETRIC		LAVATORY TRAP PRIMER DETAIL
SCALE	AS SHOWN	AS SHOWN	AS SHOWN	AS SHOWN	AS SHOWN

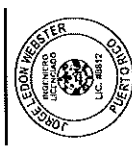
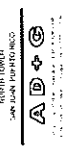
NOTES:



FOR INFORMATION
PURPOSES ONLY

NO.	DATE	REVISION
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2	10/10/2011	REVISED PER COMMENTS
3	10/10/2011	REVISED PER COMMENTS
4	10/10/2011	REVISED PER COMMENTS
5	10/10/2011	REVISED PER COMMENTS
6	10/10/2011	REVISED PER COMMENTS
7	10/10/2011	REVISED PER COMMENTS
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10	10/10/2011	REVISED PER COMMENTS
11	10/10/2011	REVISED PER COMMENTS
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13	10/10/2011	REVISED PER COMMENTS
14	10/10/2011	REVISED PER COMMENTS
15	10/10/2011	REVISED PER COMMENTS
16	10/10/2011	REVISED PER COMMENTS

AEP 1100M DACO SECRETARY
OFFICES 4th FLOOR
PHILADELPHIA
19106-3000



NO.	DATE	REVISION
1	10/10/2011	ISSUED FOR PERMIT
2	10/10/2011	REVISED PER COMMENTS
3	10/10/2011	REVISED PER COMMENTS
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14	10/10/2011	REVISED PER COMMENTS
15	10/10/2011	REVISED PER COMMENTS
16	10/10/2011	REVISED PER COMMENTS

P-2.0

PLUMBING FIXTURE SCHEDULE

Table with columns for fixture type, quantity, location, and notes. Includes items like SINK, TOILET, SHOWER, etc.

PIPING SPECIFICATIONS

Table detailing piping specifications for various systems: NETWORK, WATER, WASTE, VENT, DOMESTIC, FURNACE, SINK, etc.

FUTURE INSTANTANEOUS WATER HEATER SCHEDULE

Table for future instantaneous water heater specifications, including model, capacity, and location.

WATER HAMMER ARRESTER SPECS.

Table for water hammer arrester specifications, including model and location.

FLOOR & ROOF DRAIN SPEC.

Table for floor and roof drain specifications, including model and location.

CLEANOUT SPECIFICATIONS

Table for cleanout specifications, including model and location.

GENERAL NOTES:

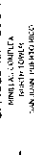
- List of 16 general notes providing detailed instructions and clarifications for the plumbing schedule, covering items like material standards, installation requirements, and coordination with other trades.

FOR INFORMATION PURPOSES ONLY

LEGEND & ABBREVIATIONS:

- Legend and abbreviations for plumbing symbols, including floor drain, toilet, sink, shower, and various pipe types.

AEP 1120V DACO SECRETARY OFFICES 4th FLOOR



PHYSICAL CONTROL UNIT

DATE: 04/15/2015

TIME: 10:45 AM

PROJECT: AEP 1120V DACO SECRETARY OFFICES 4th FLOOR

DRAWING NO: 15-04-001

REV: 1

DATE: 04/15/2015

TIME: 10:45 AM

PROJECT: AEP 1120V DACO SECRETARY OFFICES 4th FLOOR

DRAWING NO: 15-04-001

REV: 1

DATE: 04/15/2015

TIME: 10:45 AM

PROJECT: AEP 1120V DACO SECRETARY OFFICES 4th FLOOR

DRAWING NO: 15-04-001

REV: 1

DATE: 04/15/2015

TIME: 10:45 AM