# Reference Symbols and Electrical Symbols

## ABBREVIATIONS

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## Reference Symbols

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## Electrical Symbols

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## UPS Installation

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## General Notes

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## Electrical Demolition

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## Electric - General

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## Electric Installation

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## Basic Materials and Methods

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## Design Basis for Electrical Equipment

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CONDUIT RISER DETAIL

SCALE: 1/8" = 1'-0"

BASEMENT FLOOR LEVEL-EL = 138'-0"

CONDUIT RISERS CONTINUED ON SEE DIAGRAM E-1

ENLARGED ROOM 0207 PLAN

SCALE: 1/16" = 1'-0"

NOTES:

1. SEE DRAWING G-1 FOR GENERAL NOTES AND LEGEND.
2. SEE DRAWING E-133 FOR TYPICAL ELECTRICAL DETAILS.
3. EXISTING RECEPTACLES DESIGNATED TO BE FOR THE UPS TO HAVE NEW CONDUIT AND WIRE INSTALLED FROM THE NEW UPS RECEPTACLES. CONDUIT RISERS EXTENDED MORE THAN 100FT. SEE DRAWING G-103 FOR DIAGRAMMATIC VIEW OF CONDUIT ENTERING AND EXITING ROOMS.
4. END USED.
5. END USED.
6. END USED.
7. CONDUIT RISERS SHALL BE COORDINATED WITH WSI REP. AND ADJACENT CONDUIT HOLES TO BE NO CLOSER THAN 2 TIMES DIAMETER SPACING.
8. PROVIDE FIRE STOPPING AROUND ALL CONDUITS AND AROUND ALL SLEEVES PASSING THROUGH FIRE RATED WALLS AND FLOORS PER MIT. G-11.
9. INSTALL CONDUIT RISER VIA LOCATION AND MANOR THAT DOES NOT CAUSE INTERFERENCE WITH EXISTING SERVICES, DEVICES, ETC. COORDINATE WITH WSI REP.
10. INSTALL CONDUIT RISER IN A LOCATION AND MANOR THAT DOES NOT CAUSE INTERFERENCE WITH EXISTING SERVICES, DEVICES, ETC. COORDINATE WITH WSI REP.
11. COORDINATE WITH WSI REP. FOR ENTRY INTO RESTRICTED AREAS.
12. INSTALL CONDUIT IN CEILING. MATCH AND REPLACE DAMAGED TILES, PATCH AND PAINT AS REQUIRED TO AVOID DAMAGE TO WALLS AND CEILINGS.
13. CEILINGS IN HALLWAYS HAVE DROP CEILINGS APPROXIMATELY 8 FEET AT AND CLASSROOMS/GLASS WING EXPOSED CEILINGS AT.
14. PROVIDE VERTICAL CABLE SUPPORT WHERE RISERS EXTENDED MORE THAN 10 FT. SEE DRAWING E-133 FOR TYPICAL DETAILS.
**NOTES:**

1. SEE DRAWING 0-1 FOR GENERAL NOTES AND LEGEND
2. SEE DRAWING 0-103 FOR TYPICAL ELECTRICAL DETAILS
3. EXISTING RECEPTACLES DESIGNATED TO BE FOR THE UPS TO HAVE NEW CONDUIT AND WIRE INSTALLED FROM THE NEW UPS RECEPTACLES PANEL TO THE NEW RECEPTACLE. RECEPTACLES NOT DESIGNATED FOR UPS BUT PRESENTLY SHARING THE EXISTING CIRCUIT ARE TO BE DISCONNECTED FROM THE UPS RECEPTACLE AND ARE TO MAINTAIN THEIR CONNECTION TO THE EXISTING PANEL. CONTRACTOR REPAIR ACCESS POINTS PER SHT.
4. ROUTE CONDUIT IN CEILING PATCH REQUIRED/rss TO WALLS AND CEILING.
5. ACCESS INTO CHASE AT FIRST FLOOR AND THIRD FLOOR TO BE THROUGH UPPER AND LOWER FLOOR ACCESS WAYS.
6. NOT USED
7. CORE DRILLING SHALL BE COORDINATED WITH WSU REP AND AS REQUIRED FOR CHASE HOLE TO BE NO CLOSER THAN 2 TIMES DIAMETER SPACING.
8. SEE UPS RISER DIAGRAM ON DWG. E-103 FOR DIAGRAMMATIC VIEW OF CONDUIT ENTERING AND EXITING ROOFS
9. PROVIDE FIRE STOPPING AROUND ALL CONDUITS AND AROUND ALL SUITES PASSING THROUGH FIRE-RATED WALLS AND FLOORS PER SHT.
10. INSTALL CONDUIT RISER IN A LOCATION AND MANNER THAT DOES NOT CAUSE INTERFERENCE WITH EXISTING ACCESS EQUIPMENT, DEVICES, ETC.
11. COORDINATE WITH WSU REP.
12. INSTALL CONDUIT IN CEILING MATCH AND REPLACE DAMAGED TILES. PATCH AND PAINT AS REQUIRED DAMAGE TO WALLS AND CEILING.
13. CEILINGS IN HALLWAYS HAVE DROP CEILINGS. APPROXIMATELY 9 FEET AFF AND CLASSROOMS/LABS HAVE EXPOSED CEILINGS.
14. NOT USED.

**CONDUIT RISER DETAIL**

**SCALE: N.T.S.**

**FIRST FLOOR PLAN**
SECOND FLOOR LEVEL-EL = 168'-0"

NOTES:
1. SEE DRAWING G-1 FOR GENERAL NOTES AND LEGEND.
2. SEE DRAWING E-103 FOR GENERAL NOTES AND LEGENDS.
3. EXISTING RECEPTACLES DESIGNED TO BE FOR THE UPS TO HAVE NEW CONDUIT AND WIRE INSTALLED FROM THE NEW UPS RECEPTACLES PANEL TO THE NEW UPS PANEL. COORDINATE THE NEW UPS PANEL TO THE NEW MOUNTING LOCATION AND PROVIDE FIRE STOPPING AROUND ALL ACCESS HOLES. FIRE STOPPING TO BE COORDINATED WITH WSU G-1.
4. EXISTING PANELS TO BE RELOCATED FOR INSTALLATION OF NEW UPS-RP PANEL. CoORDINATE WITH IGU RP TO REINSTALL PANEL AT NEW LOCATION.
5. CUT BLOCK FACINGS AND REEBLING AS NEEDED TO INSTALL PANELS FLUSH WITH WALL, PATCH AND PAINT AS NEEDED TO REPLACE DAMAGED TILES. PATCH AND PAINT AS REQUIRED DAMAGE TO WALLS AND CEILING.
6. NOT USED.
7. CORE DRILLING SHALL BE COORDINATED WITH IGU RP AND ALL ADJACENT CORED HOLES TO BE NO CLOSER THAN TWO TIMES DIAMETER SPACING.
8. SEE UPS RISER DIAGRAM ON DWG. E-103 FOR DIAGRAMATIC VIEW OF CONDUIT ENTERING AND EXITING ROOMS.
9. PROVIDE FIRE STOPPING AROUND ALL CONDUIT AND AROUND ALL SLEEVES PASSING THROUGHOUT RATED WALLS AND FLOORS PER SHT. G-1.
10. INSTALL CONDUIT RISER IN A LOCATION AND MANNER THAT DOES NOT CAUSE INTERFERENCE WITH EXISTING ACCESS, EQUIPMENT, DEVICES, ETC. COORDINATE WITH IGU RP.
11. COORDINATE WITH IGU RP FOR ENTRY INTO RESTRICTED AREAS.
12. INSTALL CONDUIT IN CEILING AND REPLACE DAMAGED TILES. PATCH AND PAINT AS REQUIRED DAMAGE TO WALLS AND CEILING.
13. CEILINGS IN HALLWAYS HAVE DROP CEILINGS APPROXIMATELY 8'6" AND CLASSROOMS/LABS HAVE EXPOSED CEILINGS.
14. PROVIDE VERTICAL CABLE SUPPORT WHERE RISERS EXTEND MORE THAN 15 FT. SEE DWG. E-103 FOR TYPICAL DETAILS.
15. AFFIX 6X8" BLACK SELF-ADHESIVE NAMEPLATE TO WALL, NEAR CEILING, DIRECTLY BELOW TRANSFORMER AND DISCONNECT SWITCH. NAMEPLATE TO BE WHITE WITH BLACK LETTERING.

CONDUIT RISER DETAIL

SCALE: N.T.S.

INSTALL CONDUIT RISER IN A LOCATION AND MANNER THAT DOES NOT CAUSE INTERFERENCE WITH EXISTING ACCESS, EQUIPMENT, DEVICES, ETC. COORDINATE WITH IGU RP.

NAMEPLATE TO READ "UPS TRANSFORMER AND PRIMARY TRANSFORMER, 120/208V, 3-Ph, 400kVA, 50Hz."
CONDUIT RISER DETAIL

NOTES:

1. SEE DRAWING G-1 FOR GENERAL NOTES AND LEGEND
2. SEE DRAWING E-103 FOR TYPICAL ELECTRICAL DETAILS
3. EXISTING RECEPTACLES DESIGNATED TO BE FOR THE UPS TO NOT BE NEW CONDUIT AND ARE INSTALLED FROM THE UPS TO THE RECEPTACLE "NEW" CONDUIT AND ARE INSTALLED FROM THE UPS TO THE RECEPTACLE.
4. RECEPTACLES NOT DESIGNATED FOR UPS BUT PRESENTLY SHARING THE EXISTING CIRCUIT ARE TO BE DISCONNECTED FROM THE UPS RECEPACLE, AND ARE TO MAINTAIN THEIR CONNECTION TO THE EXISTING PANEL.
5. INSTALL NEW 208V RECEPT.
6. INSTALL NEW RECEPT. IN EXIST. WIRE WAY.
7. CORE DRILLING SHALL BE COORDINATED WITH WSI REP AND ADJACENT CORE HOLES TO BE NO CLOSER THAN 2 TIMES DIAMETER SPACING.
8. SEE UPS RISER DIAGRAM ON E-103 FOR DIAGRAMMATIC VIEW OF CONDUIT ENTERING AND EXITING ROOMS.

SHEET 6/10 SCALE 1"=5' PROTECT FIRE STOPPING AROUND ALL CONDUITS AND AROUND ALL DEVICES PASSING THROUGH FIRE RATED WALLS AND FLOORS PER SHT. G-1.

9. INSTALL CONDUIT IN CEILING. MATCH AND REPLACE DAMAGED TILES. PATCH AND PAINT AS REQUIRED
10. INSTALL CONDUIT IN ACCESS TO WALL, NEAR CEILING DIRECTLY BELOW THIS FLOOR HAS RECENTLY BEEN RENOVATED WITH RESTRICTED AREAS.
11. PROVIDE FIRE EXTINGUISHER IN WEST WALL NEAR CORRIDOR EXIT.
12. COORDINATE WITH WSI REP AND SETUP FOR ENTRY INTO RESTRICTED AREAS.
13. PROVIDE NEW RECEPTACLE TO WALL, DESIGNATED TO BE FOR THE UPS TO NOT BE NEW CONDUIT AND ARE INSTALLED FROM THE UPS TO THE RECEPTACLE.
14. INSTALL CONDUIT IN WALL, NEAR CEILING DIRECTLY BELOW CHASE AT FIRST FLOOR AND THIRD FLOOR.
15. PROVIDE FIRE STOPPING AROUND ALL CONDUITS AND AROUND ALL DEVICES PASSING THROUGH FIRE RATED WALLS AND FLOORS PER SHT. G-1.
16. PROVIDE CONDUIT IN CEILING. MATCH AND REPLACE DAMAGED TILES. PATCH AND PAINT AS REQUIRED
17. INSTALL CONDUIT IN WALL, NEAR CEILING DIRECTLY BELOW CHASE AT FIRST FLOOR AND THIRD FLOOR.
18. PROVIDE FIRE STOPPING AROUND ALL CONDUITS AND AROUND ALL DEVICES PASSING THROUGH FIRE RATED WALLS AND FLOORS PER SHT. G-1.
19. PROVIDE FIRE STOPPING AROUND ALL CONDUITS AND AROUND ALL DEVICES PASSING THROUGH FIRE RATED WALLS AND FLOORS PER SHT. G-1.
20. PROVIDE FIRE STOPPING AROUND ALL CONDUITS AND AROUND ALL DEVICES PASSING THROUGH FIRE RATED WALLS AND FLOORS PER SHT. G-1.
22. PROVIDE FIRE STOPPING AROUND ALL CONDUITS AND AROUND ALL DEVICES PASSING THROUGH FIRE RATED WALLS AND FLOORS PER SHT. G-1.
CONDUIT RISER DETAIL

1. PROVIDE FIRE STOPPING AROUND ALL CONDUIT RISERS PASSING THROUGH FIRE RATED WALLS AND FLOORS REOV SUIT.

2. INSTALL CONDUIT RISER IN A LOCATION AND MANER THAT DOES NOT CAUSE INTERFERENCE WITH EXISTING ACCESS, EQUIPMENT, DEVICES, ETC. COORDINATE WITH WSU REP.

3. INSTALL CONDUIT IN CEILING. MATCH AND INSTALL CONDUIT RISER IN A LOCATION AND MANNER THAT DOES NOT CAUSE INTERFERENCE WITH FIRE RATED WALLS AND FLOORS PER SHT.

4. PROVIDE FIRE STOPPING AROUND ALL CONDUITS AND AROUND ALL SLEEVES PASSING THROUGH FIRE RATED WALLS.

5. CUT IN ACCESS, EQUIPMENT, DEVICES, ETC. REQUIRED DAMAGE TO WALLS AND CEILING.

6. REPLACE DAMAGED TILES. PATCH AND PAINT RESTRICTED AREAS.

7. CEILINGS IN HALLWAYS HAVE DROP CEILINGS HAVING EXPOSED CEILINGS. PROVIDE FIRE STOPPING AROUND ALL CONDUITS AND AROUND ALL SLEEVES PASSING THROUGH FIRE RATED WALLS AND FLOORS.

8. CORE DRILLING SHALL BE COORDINATED WITH WSU REP AND ADJACENT CORED HOLES TO BE NO CLOSER THAN 2 TIMES DIAMETER SPACING.

9. INSTALL PANEL FLUSH WITH WALL. PATCH AND PAINT INSTALLATION OF NEW UPS-RP PANEL. COORDINATE WITH WSU REP TO REINSTALL PEGBOARD AT NEW LOCATION.

10. INSTALL PANEL FLUSH IN WALL, NEAR CEILING DIRECTLY BELOW EXITING ROOMS.

11. INSTALL PANEL FLUSH IN WALL, NEAR CEILING DIRECTLY BELOW EXITING ROOMS.

12. INSTALL PANEL FLUSH IN WALL, NEAR CEILING DIRECTLY BELOW ExitING ROOMS.

13. INSTALL PANEL FLUSH IN WALL, NEAR CEILING DIRECTLY BELOW EXITING ROOMS.

14. PROVIDE FIRE STOPPING AROUND ALL CONDUIT RISERS PASSING THROUGH FIRE RATED WALLS AND FLOORS REOV SUIT.

15. PROVIDE FIRE STOPPING AROUND ALL CONDUIT RISERS PASSING THROUGH FIRE RATED WALLS AND FLOORS REOV SUIT.
NOTES:

1. SEE DRAWING G-1 FOR GENERAL NOTES AND LEGEND

2. INSTALL CONDUIT RISER IN A LOCATION AND MANNER THAT DOES NOT CAUSE INTERFERENCE WITH EXISTING ACCESS, EQUIPMENT, DEVICES, ETC. COORDINATE WITH WSU REP.

3. INSTALL CONDUIT IN CEILING. MATCH AND REPLACE DAMAGED TILES. PATCH AND PAINT AS REQUIRED DAMAGE TO WALLS AND CEILING.

4. PROVIDE FIRE STOPPING AROUND ALL CONDUITS AND AROUND ALL SLEEVES PASSING THROUGH FIRE RATED WALLS AND FLOORS PER SHT. G-1.

5. INSTALL CONDUIT RISER IN A LOCATION AND MANNER THAT DOES NOT CAUSE INTERFERENCE WITH EXISTING ACCESS, EQUIPMENT, DEVICES, ETC. COORDINATE WITH WSU REP.

6. INSTALL CONDUIT RISER IN A LOCATION AND MANNER THAT DOES NOT CAUSE INTERFERENCE WITH EXISTING ACCESS, EQUIPMENT, DEVICES, ETC. COORDINATE WITH WSU REP.

7. PROVIDE FIRE STOPPING AROUND ALL CONDUITS AND AROUND ALL SLEEVES PASSING THROUGH FIRE RATED WALLS AND FLOORS PER SHT. G-1.

8. PROVIDE FIRE STOPPING AROUND ALL CONDUITS AND AROUND ALL SLEEVES PASSING THROUGH FIRE RATED WALLS AND FLOORS PER SHT. G-1.

9. INSTALL CONDUIT RISER IN A LOCATION AND MANNER THAT DOES NOT CAUSE INTERFERENCE WITH EXISTING ACCESS, EQUIPMENT, DEVICES, ETC. COORDINATE WITH WSU REP.

10. CUT BLOCK FACING AND WEBBING AS NEEDED TO INSTALL PANEL. MATCH AND REPLACE DAMAGED TILES. PATCH AND PAINT AS REQUIRED DAMAGE TO WALLS AND CEILING.

11. PROVIDE FIRE STOPPING AROUND ALL CONDUITS AND AROUND ALL SLEEVES PASSING THROUGH FIRE RATED WALLS AND FLOORS PER SHT. G-1.

12. MATCH AND REPLACE DAMAGED TILES. PATCH AND PAINT AS REQUIRED DAMAGE TO WALLS AND CEILING.

13. PROVIDE FIRE STOPPING AROUND ALL CONDUITS AND AROUND ALL SLEEVES PASSING THROUGH FIRE RATED WALLS AND FLOORS PER SHT. G-1.

CONDUIT RISERS UP TO 8th FLOOR AND DOWN TO 6th FLOOR
SEE DWG. E-8 AND E-6

UPS-T-7 AND PRIMARY FUSED DISCONNECT SWITCH MOUNT ABOVE CEILING IN AN ACCESSIBLE SPACE
SEE NOTE 15

UPS-RP-7 #3
MOUNT NEW RECEPTACLE IN EXIST WIREWAY

UPS-RP-7 #1
MOUNT NEW RECEPTACLE IN EXIST WIREWAY

UPS-RP-7 #2
MOUNT NEW RECEPTACLE IN EXIST WIREWAY

UPS-MDP-7 #14/16/18
SEE NOTE 14

CONDUIT RISER DETAIL
SCALE: N.T.S

6. PROVIDE FIRE STOPPING AROUND ALL CONDUITS AND AROUND ALL SLEEVES PASSING THROUGH FIRE RATED WALLS AND FLOORS PER SHT. G-1.

7. INSTALL CONDUIT RISER IN A LOCATION AND MANNER THAT DOES NOT CAUSE INTERFERENCE WITH EXISTING ACCESS, EQUIPMENT, DEVICES, ETC. COORDINATE WITH WSU REP.

8. INSTALL CONDUIT IN CEILING. MATCH AND REPLACE DAMAGED TILES. PATCH AND PAINT AS REQUIRED DAMAGE TO WALLS AND CEILING.

9. PROVISION FOR FIRE STANDING ALARMS AROUND ALL CONDUITS AND AROUND ALL SLEEVES PASSING THROUGH FIRE RATED WALLS AND FLOORS PER SHT. G-1.

10. INSTALL CONDUIT RISER IN A LOCATION AND MANNER THAT DOES NOT CAUSE INTERFERENCE WITH EXISTING ACCESS, EQUIPMENT, DEVICES, ETC. COORDINATE WITH WSU REP.

11. INSTALL CONDUIT RISER IN A LOCATION AND MANNER THAT DOES NOT CAUSE INTERFERENCE WITH EXISTING ACCESS, EQUIPMENT, DEVICES, ETC. COORDINATE WITH WSU REP.

12. INSTALL CONDUIT IN CEILING. MATCH AND REPLACE DAMAGED TILES. PATCH AND PAINT AS REQUIRED DAMAGE TO WALLS AND CEILING.

13. CEILINGS IN HALLWAYS HAVE DROP CEILINGS APPROXIMATELY 9 FEET AFF AND CLASSROOMS/LABS HAVE EXPOSED CEILINGS.

14. PROVIDE VERTICAL CABLE SUPPORT WHERE RISERS EXTENDED MORE THAN 100 FT. SEE DWG. E-103 FOR TYPICAL DETAILS.

15. PROVIDE VERTICAL CABLE SUPPORT WHERE RISERS EXTENDED MORE THAN 100 FT. SEE DWG. E-103 FOR TYPICAL DETAILS.

NOTES:

1. SEE DRAWING G-1 FOR GENERAL NOTES AND LEGENDS

2. SEE DRAWING E-103 FOR TYPICAL ELECTRICAL DETAILS

3. PROVIDE VERTICAL CABLE SUPPORT WHERE RISERS EXTENDED MORE THAN 100 FT. SEE DWG. E-103 FOR TYPICAL DETAILS.

4. PROVIDE VERTICAL CABLE SUPPORT WHERE RISERS EXTENDED MORE THAN 100 FT. SEE DWG. E-103 FOR TYPICAL DETAILS.

5. PROVIDE VERTICAL CABLE SUPPORT WHERE RISERS EXTENDED MORE THAN 100 FT. SEE DWG. E-103 FOR TYPICAL DETAILS.

6. PROVIDE VERTICAL CABLE SUPPORT WHERE RISERS EXTENDED MORE THAN 100 FT. SEE DWG. E-103 FOR TYPICAL DETAILS.
1. PROVIDE FIRE STOPPING AROUND ALL CONDUITS AND AROUND ALL SLEEVES PASSING THROUGH FIRE RATED WALLS AND FLOORS PER SHT. G-1.
2. INSTALL CONDUIT RISER IN A LOCATION AND MANNER THAT DOES NOT CAUSE INTERFERENCE WITH EXISTING ACCESS, EQUIPMENT, DEVICES, ETC. COORDINATE WITH WSU REP.
3. INSTALL CONDUIT IN CEILING. MATCH AND REPLACE DAMAGED TILES. PATCH AND PAINT AS REQUIRED DAMAGE TO WALLS AND CEILING.
4. CEILINGS IN HALLWAYS HAVE DROP CEILINGS APPROXIMATELY 9 FEET AFF AND CLASSROOMS/LABS HAVE EXPOSED CEILINGS.
5. ADVANCE MANHOLE TO WALL, NEAR CEILING DIRECTLY BELOW TRANSFORMER AND DISCONNECT SWITCH TO EFFECTIVELY IDENTIFY TRANSFORMER AND DISCONNECT LOCATED ABOVE CEILING.

NOTES:
1. SEE DRAWING G-1 FOR GENERAL NOTES AND LEGEND
2. SEE DRAWING E-103 FOR TYPICAL ELECTRICAL DETAILS
3. INSTALLATION OF NEW UPS-RP PANEL, COORDINATE WITH WSU REP AND ADJACENT CORRIDORS TO BE NO CLOSER THAN 2 TIMES DIAMETER SPACING
4. CUT BLOCK FACE AND WEBBING AS NEEDED TO INSTALL PANELS FLUSH WITH WALL. PATCH AND REPLACE BLOWS TO MATCH EXISTING. MOUNT ABOVE CEILING.
5. PROVIDE FIRE STOPPING AROUND ALL CONDUITS AND AROUND ALL SLEEVES PASSING THROUGH FIRE RATED WALLS AND FLOORS PER SHT. G-1.
1. PROVIDE FIRE STOPPING AROUND ALL CONDUITS AND AROUND ALL SLEEVES PASSING THROUGH FIRE RATED WALLS AND FLOORS PER SHT. G-1.

2. INSTALL CONDUIT RISER IN A LOCATION AND MANNER THAT DOES NOT CAUSE INTERFERENCE WITH EXISTING ACCESS, EQUIPMENT, DEVICES, ETC. COORDINATE WITH WSU REP.

3. CORE DRILLING SHALL BE COORDINATED WITH WSU REP AND ADJACENT CORED HOLES TO BE NO CLOSER THAN 2 TIMES DIAMETER SPACING.

4. COORDINATE WITH WSU REP FOR ENTRY INTO RESTRICTED AREAS.

5. NOT USED

6. CONDUIT RISER DOWN TO 8th FLOOR. SEE DWG E-8 FROM UPS-MDP TO UPS-RP-9.

7. CORE DRILLING SHALL BE COORDINATED WITH WSU REP AND ADJACENT CORED HOLES TO BE NO CLOSER THAN 2 TIMES DIAMETER SPACING.

8. SEE UPS RISER DIAGRAM ON DWG. E-102 FOR DIAGRAMMATIC VIEW OF CONDUIT ENTERING AND EXITING ROOMS.

9. CUT BLOCK FACING AND WEBBING AS NEEDED TO INSTALL PANEL FLUSH WITH WALL. PATCH AND PAINT BLOCK WALL TO MATCH EXISTING. MAINTAIN FIRE RATING OF WALL.

10. INSTALL CONDUIT IN CEILING MATCH AND REPLACE DAMAGED TILES. PATCH AND PAINT AS REQUIRED DUE TO DAMAGES TO WALLS AND CEILING.

11. CEILINGS IN HALLWAYS HAVE DROP CEILINGS APPROXIMATELY 9 FEET AFF AND CLASSROOMS/LABS HAVE EXPOSED CEILINGS.

12. PROVIDE FIRE STOPPING AROUND ALL CONDUITS AND AROUND ALL SLEEVES PASSING THROUGH FIRE RATED WALLS AND FLOORS PER SHT. G-1.

13. INSTALL CONDUIT IN CEILING MATCH AND REPLACE DAMAGED TILES. PATCH AND PAINT AS REQUIRED DUE TO DAMAGES TO WALLS AND CEILING.

14. CEILINGS IN HALLWAYS HAVE DROP CEILINGS APPROXIMATELY 9 FEET AFF AND CLASSROOMS/LABS HAVE EXPOSED CEILINGS.

15. EFFECTIVELY IDENTIFY TRANSFORMER AND DISCONNECT SWITCH MOUNTED ABOVE CEILING IN AN ACCESSIBLE SPACE. SEE NOTE 15.

NOTES:

1. SEE DRAWING G-1 FOR GENERAL NOTES AND LEGEND

2. SEE DRAWING E-103 FOR TYPICAL ELECTRICAL DETAILS

3. EXISTING RECEPTACLES DESIGNED TO BE FOR THE UPS TO HAVE NEW CONDUIT AND WIRE INSTALLED FROM NEW UPS RECEPTACLE. RECEPTACLES NON-DESIGNED FOR UPS BUT PRESENTLY SHARING THE EXISTING CIRCUIT ARE TO BE DISCONNECTED FROM THE UPS RECEPTACLE, AND ABLE TO MAINTAIN THEIR CONNECTION TO THE EXISTING PANEL.

4. INSTALL CONDUIT RISER IN A LOCATION AND MANNER THAT DOES NOT CAUSE INTERFERENCE WITH EXISTING ACCESS, EQUIPMENT, DEVICES, ETC. COORDINATE WITH WSU REP.

5. CORE DRILLING SHALL BE COORDINATED WITH WSU REP AND ADJACENT CORED HOLES TO BE NO CLOSER THAN 2 TIMES DIAMETER SPACING.

6. CONDUIT RISER DOWN TO 8th FLOOR. SEE DWG E-8 FROM UPS-MDP TO UPS-RP-9.

7. CORE DRILLING SHALL BE COORDINATED WITH WSU REP AND ADJACENT CORED HOLES TO BE NO CLOSER THAN 2 TIMES DIAMETER SPACING.

8. SEE UPS RISER DIAGRAM ON DWG. E-102 FOR DIAGRAMMATIC VIEW OF CONDUIT ENTERING AND EXITING ROOMS.

9. PROVIDE FIRE STOPPING AROUND ALL CONDUITS AND AROUND ALL SLEEVES PASSING THROUGH FIRE RATED WALLS AND FLOORS PER SHT. G-1.

10. INSTALL CONDUIT RISER IN A LOCATION AND MANNER THAT DOES NOT CAUSE INTERFERENCE WITH EXISTING ACCESS, EQUIPMENT, DEVICES, ETC. COORDINATE WITH WSU REP.

11. CORE DRILLING SHALL BE COORDINATED WITH WSU REP AND ADJACENT CORED HOLES TO BE NO CLOSER THAN 2 TIMES DIAMETER SPACING.

12. INSTALL CONDUIT IN CEILING MATCH AND REPLACE DAMAGED TILES. PATCH AND PAINT AS REQUIRED DUE TO DAMAGES TO WALLS AND CEILING.

13. CEILINGS IN HALLWAYS HAVE DROP CEILINGS APPROXIMATELY 9 FEET AFF AND CLASSROOMS/LABS HAVE EXPOSED CEILINGS.

14. NOT USED

15. EFFECTIVELY IDENTIFY TRANSFORMER AND DISCONNECT SWITCH MOUNTED ABOVE CEILING IN AN ACCESSIBLE SPACE. SEE NOTE 15.

NOTES:

1. SEE DRAWING G-1 FOR GENERAL NOTES AND LEGEND

2. SEE DRAWING E-103 FOR TYPICAL ELECTRICAL DETAILS

3. EXISTING RECEPTACLES DESIGNED TO BE FOR THE UPS TO HAVE NEW CONDUIT AND WIRE INSTALLED FROM NEW UPS RECEPTACLE. RECEPTACLES NON-DESIGNATED FOR UPS BUT PRESENTLY SHARING THE EXISTING CIRCUIT ARE TO BE DISCONNECTED FROM THE UPS RECEPTACLE, AND ABLE TO MAINTAIN THEIR CONNECTION TO THE EXISTING PANEL.

4. INSTALL CONDUIT RISER IN A LOCATION AND MANNER THAT DOES NOT CAUSE INTERFERENCE WITH EXISTING ACCESS, EQUIPMENT, DEVICES, ETC. COORDINATE WITH WSU REP.

5. CORE DRILLING SHALL BE COORDINATED WITH WSU REP AND ADJACENT CORED HOLES TO BE NO CLOSER THAN 2 TIMES DIAMETER SPACING.

6. CONDUIT RISER DOWN TO 8th FLOOR. SEE DWG E-8 FROM UPS-MDP TO UPS-RP-9.

7. CORE DRILLING SHALL BE COORDINATED WITH WSU REP AND ADJACENT CORED HOLES TO BE NO CLOSER THAN 2 TIMES DIAMETER SPACING.

8. SEE UPS RISER DIAGRAM ON DWG. E-102 FOR DIAGRAMMATIC VIEW OF CONDUIT ENTERING AND EXITING ROOMS.
1. FOR UPS DISCONNECT SWITCHES, TRANSFORMERS, CONDUIT AND WIRES SIZES SEE DRAWING E-102.

NEW WORK
480V - 208/120V, 3 PHASE, ENCAPSULATED WALL MOUNT TRANSFORMER SIZE AS NOTED ON RISER DRAWING TRANSFORMER CONFIGURATION BASED ON SQUARE - D CLASS 7411 VENTILATED GENERAL PURPOSE TRANSFORMERS.

BEST: 208/120V, 3 PHASE, 30A FUSIBLE DISCONNECT SWITCH. FUSE SIZED AS NOTED ON RISER DRAWING DISCONNECT SWITCH CONFIGURATION BASED ON SQUARE - D CLASS 3100 HEAVY DUTY SWITCHES.

COORDINATE WITH WSU REP TO DETERMINE EXACT LOCATION AND MOUNTING HEIGHT OF TRANSFORMER AND DISCONNECT SWITCH ABOVE THE CEILING.

FLEX CONDUIT SIZED AS NOTED ON RISER DRAWING.

LENGTH AS REQUIRED TO UPS-RP PANEL.

ENCAPSULATED TRANSFORMER AND DISCONNECT SWITCH MOUNTING DETAIL

(DRY TYPE TRANSFORMER AND DISCONNECT SWITCH MOUNTING DETAIL

(TYPICAL FOR UPS-T-2, UPS-T-3, UPS-T-5, UPS-T-6)

(TYPICAL FOR UPS-T-4, UPS-T-7, UPS-T-8, UPS-T-9)

CONDUIT AND WIRE AS NOTED ON RISER DRAWING.

COORDINATE WITH WSU REP TO DETERMINE EXACT LOCATION AND MOUNTING HEIGHT OF TRANSFORMER AND DISCONNECT SWITCH ABOVE THE CEILING.

FLEX CONDUIT SIZED AS NOTED ON RISER DRAWING LENGTH AS REQUIRED.