morrissey engineering inc

mechanical | electrical | lighting | technology | commissioning

addendum

addendum no.	01
date:	7/18/2017
bid date:	--
project name:	MCC Print Shop
project no:	17213

This addendum is hereby made a part of the contract documents to the same extent as if it were originally included therein. Contract documents shall be considered modified or revised as hereinafter described.

mechanical items

1. Sheet M1.00
    a. Revise locations of RTUs and runouts to diffusers. See attached revised drawings.

electrical items

1. Sheet E1.01 – Floor Plan – Lighting
    a. Revise locations of duct smoke detectors. See attached revised drawings.

2. Sheet E2.01 – Roof Plan – Power
    a. Revise locations of RTUs and roof mounted receptacles. See attached revised drawings.

end of addendum

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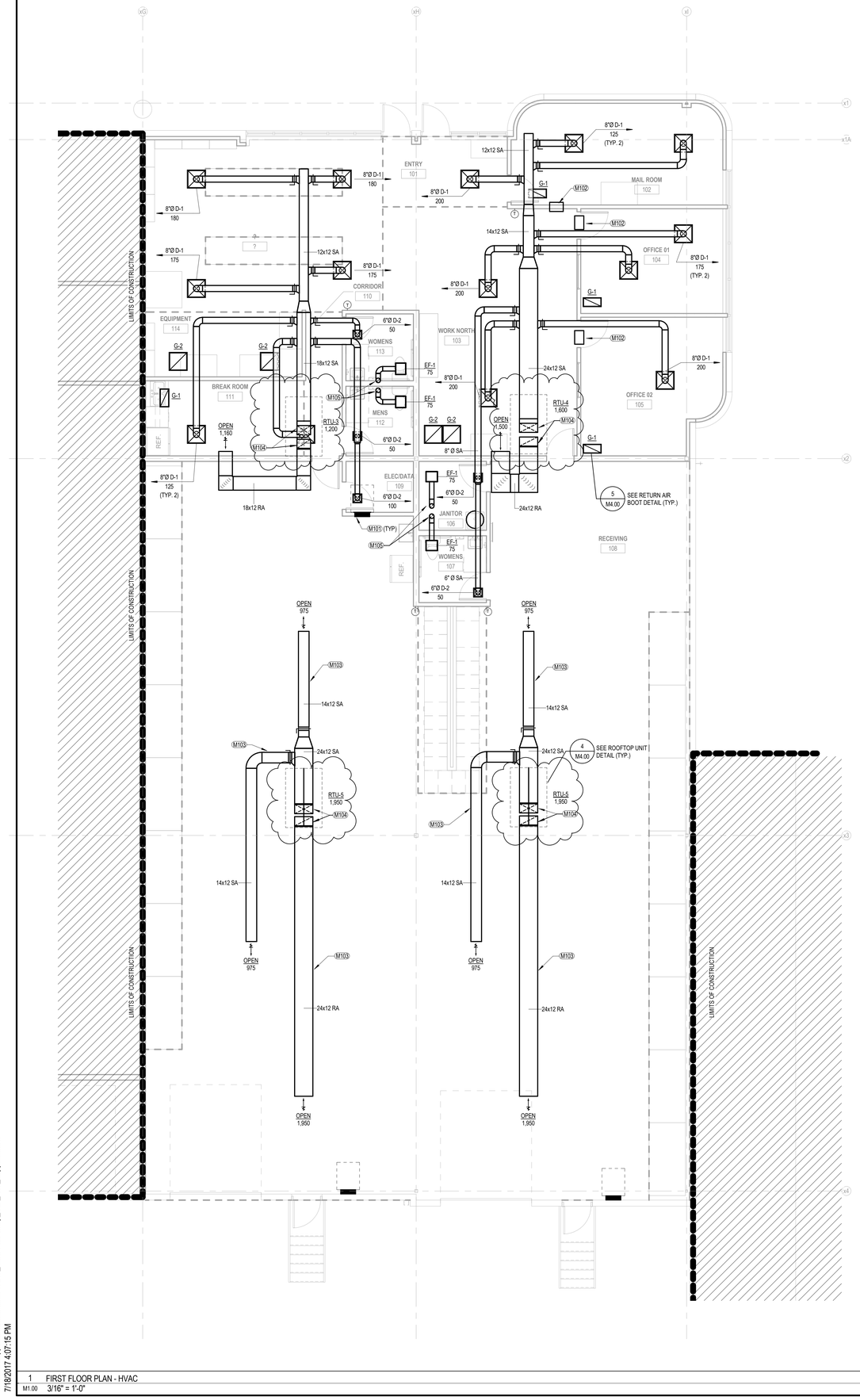

1 FIRST FLOOR PLAN - HVAC
M1.00 3/16" = 1'-0"

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GENERAL MECHANICAL NOTES

1. DO NOT ROUTE DUCTWORK OR PIPING ABOVE ELECTRICAL PANELS. MAINTAIN ALL CODE REQUIRED CLEARANCES.
2. FIRE CAULK ALL DUCTWORK PENETRATIONS THROUGH FIRE RATED WALLS AND ASSEMBLIES. CAULK AROUND ALL DUCTWORK PENETRATIONS THROUGH FULL HEIGHT SOUND WALLS. REFER TO ARCHITECTURAL DRAWINGS FOR WALL CONSTRUCTION.
3. SPACE ABOVE CEILINGS ARE LIMITED. COORDINATE DUCT AND PIPE ROUTING WITH ALL OTHER TRADES. OFFSET AND EXTEND DUCTWORK AND PIPING AS REQUIRED TO AVOID CONFLICTS.
4. LOCATE FIRE DAMPERS, FIRE/SMOKE DAMPERS, VOLUME DAMPERS, ETC. IN ACCESSIBLE LOCATIONS. PROVIDE CEILING ACCESS PANELS AS REQUIRED IN GYP. BOARD CEILINGS TO SERVE DAMPERS. LOCATE DAMPERS ABOVE ACCESSIBLE LAY-IN TILE CEILINGS WHERE POSSIBLE. COORDINATE ALL LOCATIONS WITH REFLECTED CEILING PLANS, GENERAL CONTRACTOR AND ARCHITECT. MAINTAIN ACCESSIBILITY TO ALL DAMPERS.
5. CENTER DIFFUSERS, REGISTERS, AND GRILLES IN CEILING TILES WHERE 24X24 OR 24X12 CEILING DEVICES ARE NOT USED.
6. ROUND RUN-OUTS TO DIFFUSERS SHALL BE THE SAME SIZE AS THE NECK UNLESS OTHERWISE NOTED. SEE DIFFUSER CONNECTION DETAIL 1 ON SHEET M4.00.
7. PROVIDE RETURN AIR BOOT AT EACH G-X RETURN AIR GRILLES. SEE DETAIL 5 SHEET M4.00.
8. CONTRACTOR TO PROVIDE ALL LOW VOLTAGE AND LINE VOLTAGE CONTROL WIRING REQUIRED FOR COMPLETE OPERATION OF ALL MECHANICAL EQUIPMENT.
9. PROVIDE VOLUME DAMPER IN EACH SUPPLY AIR BRANCH OFF OF MAIN DUCTWORK AS INDICATED ON PLAN.

KEYNOTES

M101	DO NOT ROUTE DUCTWORK ABOVE ELECTRICAL PANELS. MAINTAIN ALL CODE REQUIRED CLEARANCES.
M102	12"x12" OPENING IN WALL ABOVE CEILING FOR RETURN AIR PATH.
M103	WAREHOUSE AREA: ROUTE ALL DUCTWORK UP WITHIN ROOF JOIST.
M104	SUPPLY AND RETURN AIR DUCTS UP THROUGH ROOF TO ROOFTOP EQUIPMENT. COORDINATE WITH STRUCTURE. TRANSITION DUCTWORK TO RTU OPENING SIZES AS REQUIRED. PROVIDE FLEXIBLE CONNECTIONS AT UNIT.
M105	6" EXHAUST AIR UP TO ROOF EXHAUST OUTLET

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12060 E Hartman Ave, Omaha, NE 68110

NO.	REVISION	DATE
1	ADDENDUM 1	7-18-17

MECHANICAL
LINDAS J. LIMPACH
E-9256
7/18/17
STATE OF NEBRASKA

SHEET NAME:
FIRST FLOOR PLAN - HVAC

DATE: 07/07/2017
REVIEWED BY:
PROJECT NO.: 2017.013.01
SHEET NO.:
M1.00

MEI PROJECT NO: 17213

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note:
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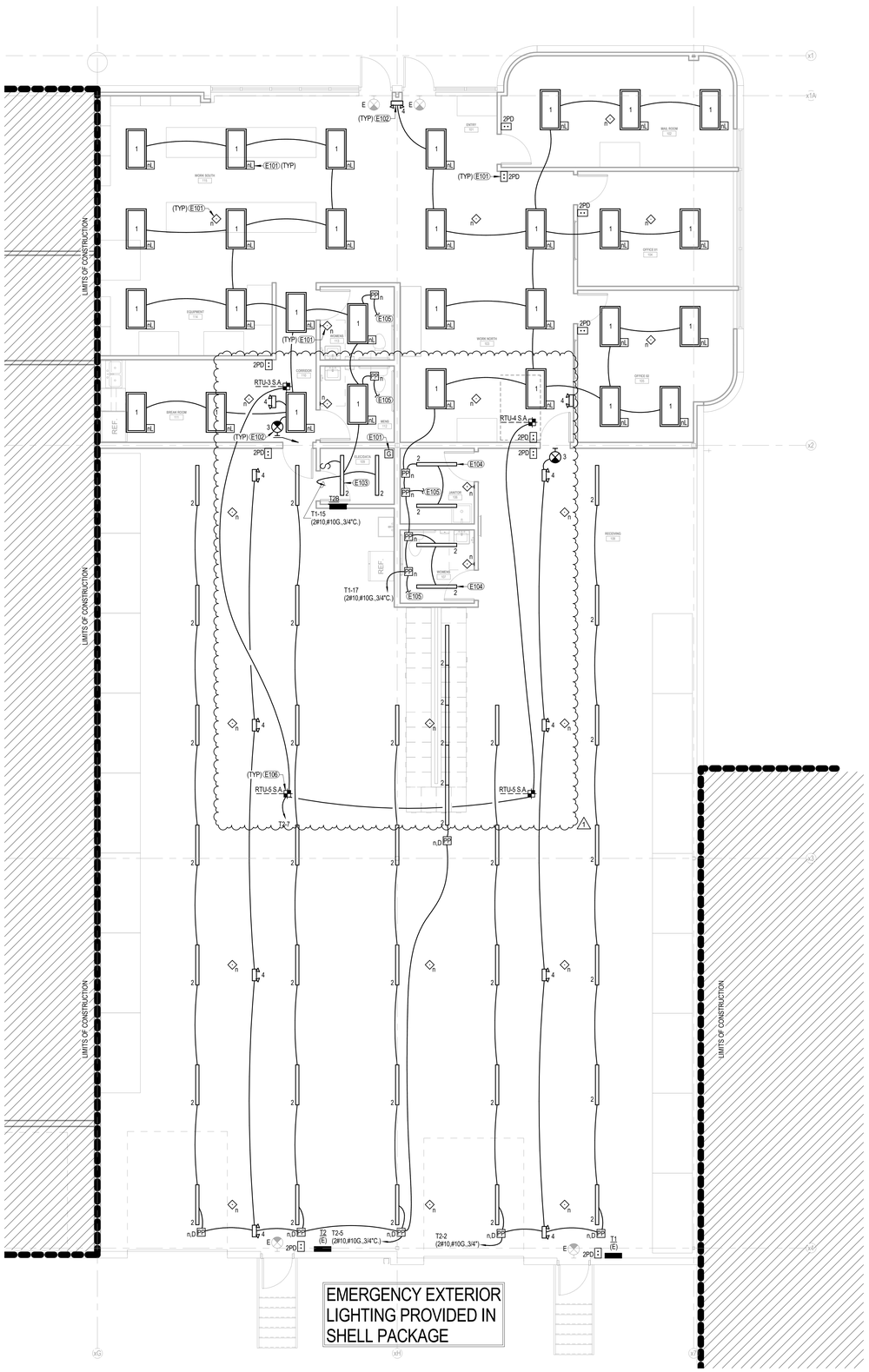
2017.013.01 Metro CC TI



1 FIRST FLOOR PLAN - LIGHTING
E1.00 3/16" = 1'-0"

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GENERAL NOTES

1. PROVIDE A DEDICATED NEUTRAL CONDUCTOR FOR EACH BRANCH CIRCUIT.
2. PROVIDE A GREEN INSULATED GROUND WIRE IN ALL LIGHTING BRANCH CIRCUITS.
3. IN EXPOSED STRUCTURE AREAS, ROUTE CONDUIT TIGHT TO STRCUTURE. CONDUIT SHALL BE ROUTED PARALLEL AND PERPENDICULAR TO STRUCTURE IN A NEAT MANNER. EXPOSED WIRE OF ANY TYPE WILL NOT BE ALLOWED. PAINT CONDUIT TO MATCH SURROUNDING STRUCTURE. COORDINATE EXACT COLOR WITH ARCHITECT.
4. MINIMUM DATA/COMMUNICATIONS CONDUIT SHALL BE 1". SEE DRAWINGS FOR AREAS WHERE LARGER CONDUITS ARE REQUIRED.
5. GENERAL LIGHTING CONTROL NOTES
   A. SEE SPECIFICATIONS, LIGHTING CONTROL DEVICE SCHEDULE AND DETAILS FOR ADDITIONAL REQUIREMENTS.
   B. CONNECTION ALL NETWORK LIGHTING CONTROL DEVICES TO NETWORK BRIDGE DEVICES PER MANUFACTURER'S RECOMMENDATIONS.
   C. PROVIDE BRIDGE AND GATEWAY DEVICES, POWER PACKS, SWITCH PACKS, ENTRY STATIONS, SENSORS, AND ALL LOW VOLTAGE CABLING REQUIRED TO CONNECT DEVICES PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
   D. QUANTITY OF BRIDGE DEVICES SHALL BE DETERMINED BY MANUFACTURER. LOCATE BRIDGES IN ACCESSIBLE LOCATIONS NEAR DEVICES BEING SERVED.
   E. PROVIDE 0-10V CONNECTION TO FIXTURES SERVED BY DIMMING POWER PACKS INDICATED WITH SUBSCRIPT 'D'. ROUTE ALL 0-10V WIRING IN SEPARATE 1/2" CONDUIT DOWNSTREAM OF POWER PACK.
   F. EMERGENCY POWER PACKS REQUIRE CONNECTION TO UNSWITCHED NORMAL CIRCUIT SERVING LIGHTING IN AREA.
   G. LIGHTING CONTROL DEVICES (POWER PACKS 'PP' AND BRIDGES 'B') ARE SHOWN SCHEMATICALLY FOR CLARITY. LOCATE POWER PACKS ABOVE NEARBY ACCESSIBLE CEILING. IN EXPOSED AREAS, MOUNT POWER PACKS WITHIN JUNCTION BOX UP-HIGH TIGHT TO STRUCTURE. WHERE POSSIBLE, GANG TOGETHER IN A SINGLE JUNCTION BOX. PAINT CONDUIT AND JUNCTION BOXES TO MATCH STRUCTURE. COORDINATE EXACT COLOR WITH ARCHITECT.

KEYNOTES

E101	DEVICE IS PART OF nLIGHT NETWORK. SEE DETAIL 4/E3.00 FOR ADDITIONAL REQUIREMENTS.
E102	CONNECT BATTERY LEEDS AHEAD OF LOCAL SWITCHING.
E103	MOUNT SUSPENDED LUMINAIRES IN THIS ROOM AS HIGH AS POSSIBLE. COORDINATE EXACT MOUNTING HEIGHT AND LOCATION WITH OTHER EQUIPMENT IN ROOM. ENSURE LIGHT IS NOT INTERFERED WITH BY OTHER EQUIPMENT.
E104	SURFACE MOUNT LUMINAIRE TO CEILING IN THIS ROOM.
E105	CONNECT POWER PACK TO EXHAUST FAN EF-1 SERVING THIS RESTROOM. SEE POWER PLANS FOR EF-1 LOCATION. COORDINATE PROGRAMMING OF CONTROL WITH MECHANICAL.
E106	PROVIDE 120V STAND ALONE TYPE DUCT DETECTOR, DUCT DETECTOR SHALL SHUT DOWN ASSOCIATED MECHANICAL EQUIPMENT UPON DETECTION OF SMOKE.

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1	ADDENDUM 1	7-18-17

ANDREW R. LANG E-13760 REGISTERED PROFESSIONAL ENGINEER STATE OF NEBRASKA

SHEET NAME:

FIRST FLOOR PLAN - LIGHTING

DATE: 07/07/2017

REVIEWED BY: a. lang

PROJECT NO.: 2017.013.01

SHEET NO.:

E1.00

MEI PROJECT NO: 17213

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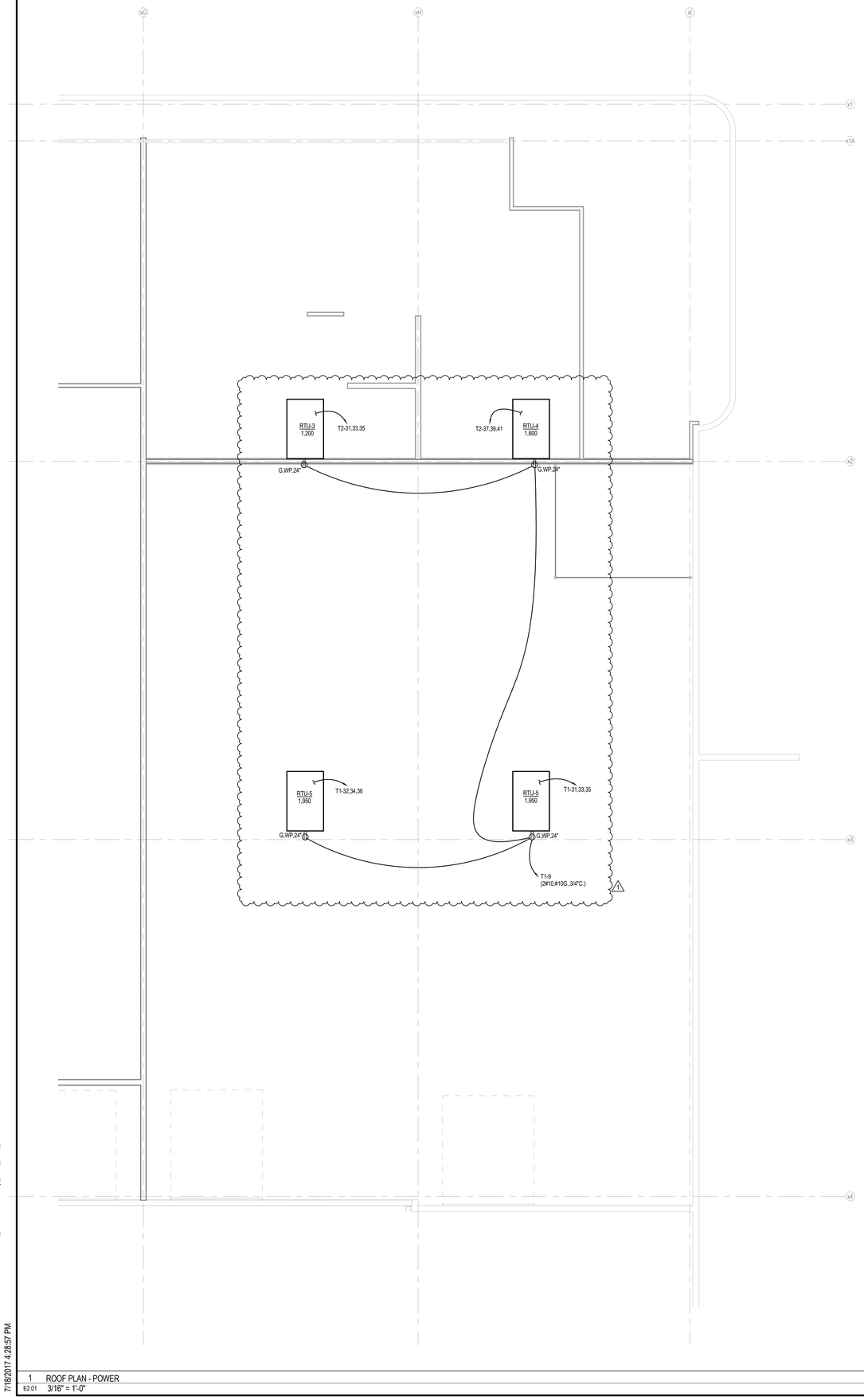

1 ROOF PLAN - POWER
E2.01 3/16" = 1'-0"

GENERAL NOTES

1. MINIMUM DATA/COMMUNICATIONS CONDUIT SIZE SHALL BE 1." SEE DRAWINGS FOR AREAS WHERE LARGER CONDUITS ARE REQUIRED.
2. PROVIDE A DEDICATED NEUTRAL CONDUCTOR FOR EACH BRANCH CIRCUIT.
3. PROVIDE A GREEN INSULATED GROUND WIRE IN ALL RECEPTACLE AND EQUIPMENT BRANCH CIRCUITS.
4. IN EXPOSED STRUCTURE AREAS, ROUTE CONDUIT TIGHT TO STRCUTURE. CONDUIT SHALL BE ROUTED PARALLEL AND PERPENDICULAR TO STRUCTURE IN A NEAT MANNER. EXPOSED WIRE OF ANY TYPE WILL NOT BE ALLOWED. PAINT CONDUIT TO MATCH SURROUNDING STRUCTURE. COORDINATE EXACT COLOR WITH ARCHITECT.
5. MINIMUM DATA/COMMUNICATIONS CONDUIT SHALL BE 1". SEE DRAWINGS FOR AREAS WHERE LARGER CONDUITS ARE REQUIRED.
6. PROVIDE A PULL STRING IN ALL EMPTY CONDUITS.
7. PROVIDE AN UPDATED TYPED PANEL SCHEDULE FOR ALL PANELS MODIFIED DURING THIS PROJECT.

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SHEET NAME:

ROOF PLAN - POWER

DATE: 07/07/17

REVIEWED BY: a. lang

PROJECT NO.: 2017.013.01

SHEET NO.:

E2.01

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