

92nd Street Y
 Makor/Steinhardt
 Center
 200 Hudson Street
 New York, NY 10013

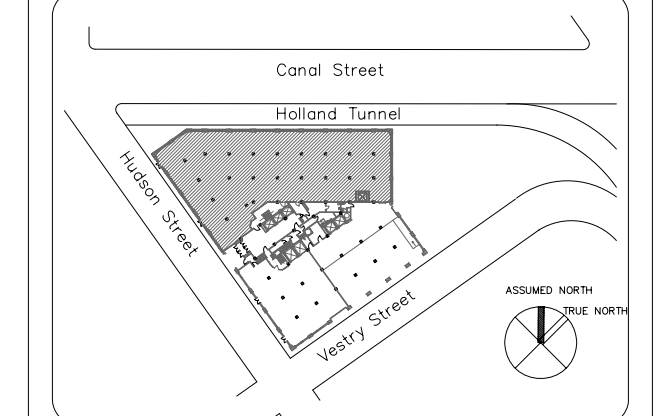
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 telephone 212.725.6800

CODE CONSULTANT
 Rethy Associates
 122 East 42nd Street
 NEW YORK, NEW YORK 10168
 telephone 212.949.6990



REVISED	11.19.07
REVISED	08.03.07
100% CD	06.29.07
BID SET	06.15.07
80% CD	04.30.07
D.O.B.	04.02.07
DESIGN DEVELOPMENT	003115.07

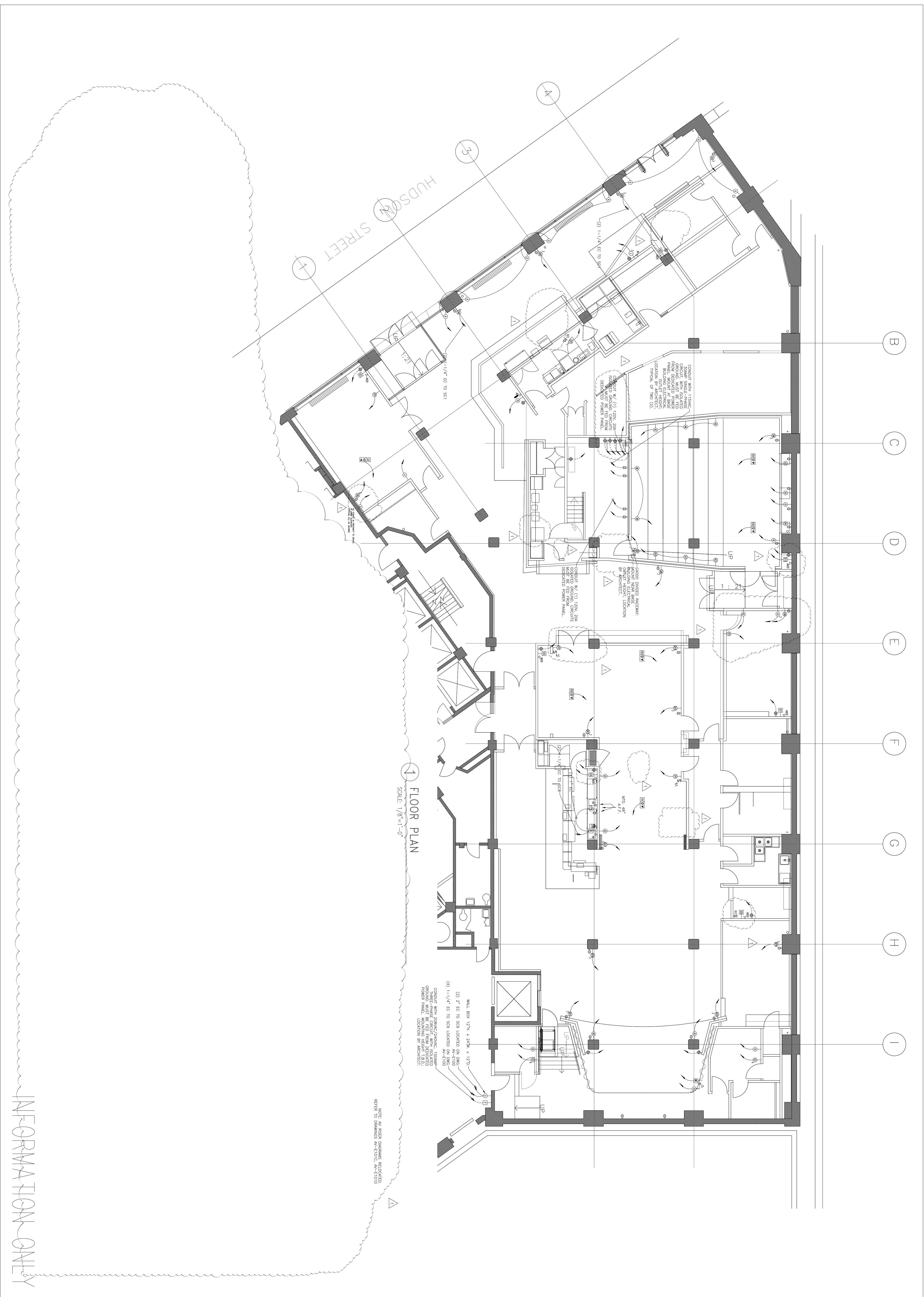
project architect RS
 drawn by RAB
 checked by

AUDIOVISUAL
 GROUND FLOOR
 ELECTRICAL RCP

project no. 761.01
 scale 1/8" = 1'-0"

drawing no. AV-E101B

INFORMATION ONLY



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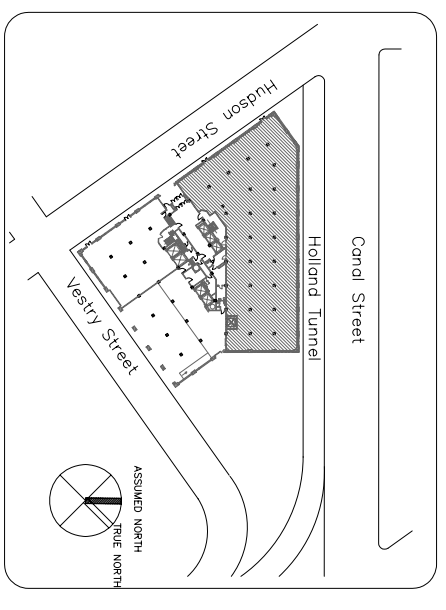
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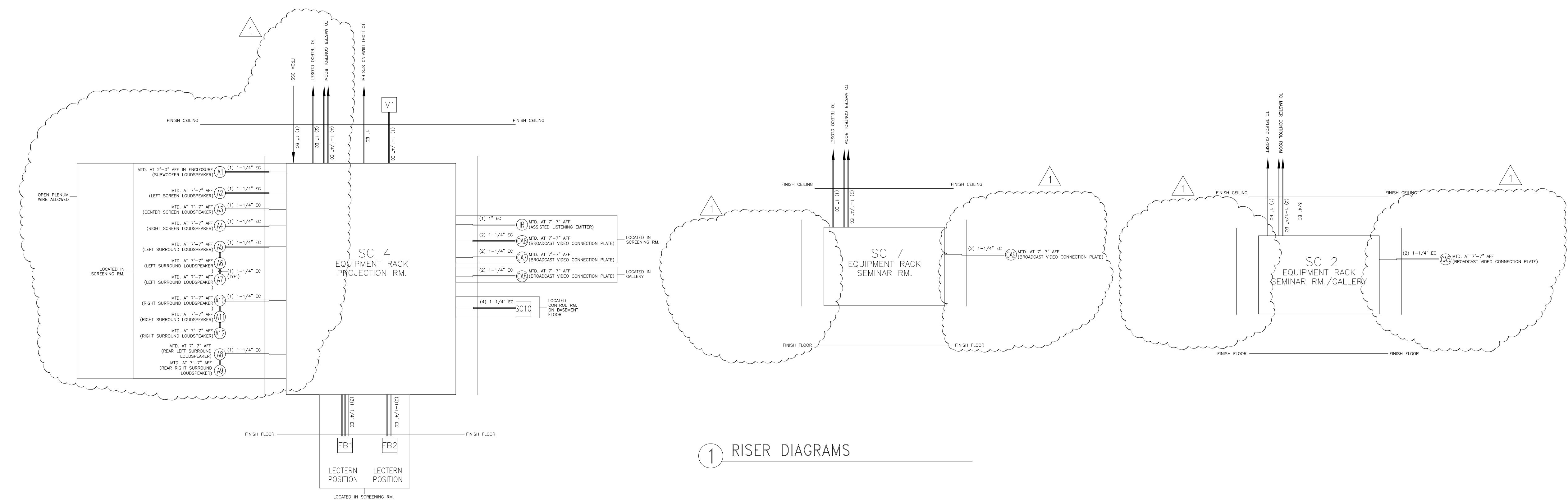
project architect
drawn by
checked by

RS
RAB

AUDIOVISUAL
GROUND FLOOR
ELECTRICAL
PLAN

project no. 761.01
scale 1/8" = 1'-0"

drawing no. AV-E101A



1 RISER DIAGRAMS

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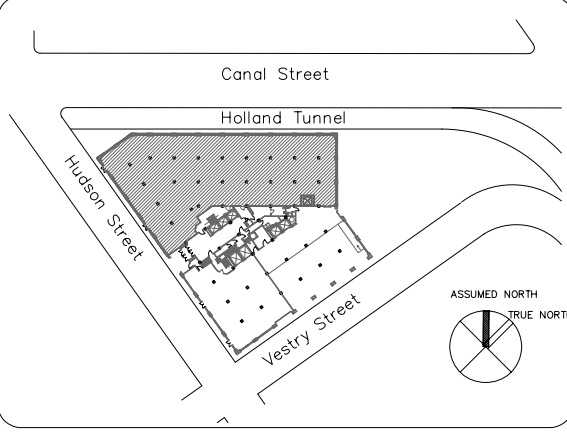
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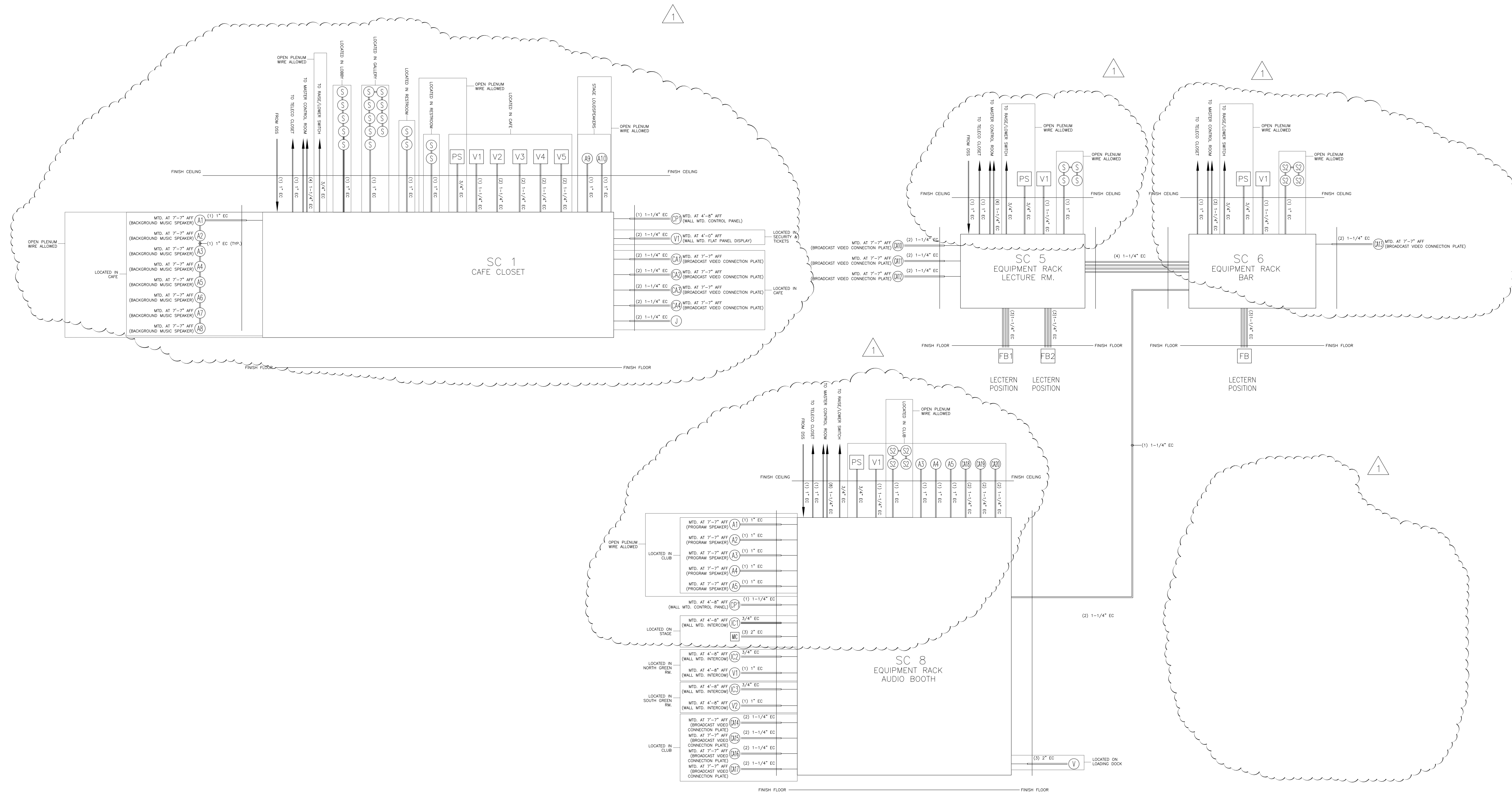
project architect RS
drawn by RAB
checked by

AUDIOVISUAL
GROUND FLOOR
ELECTRICAL
RISER DIAGRAM

project no 761.01
scale 3/16" = 1'-0"

drawing no AV-E101D

INFORMATION ONLY



1 RISER DIAGRAMS

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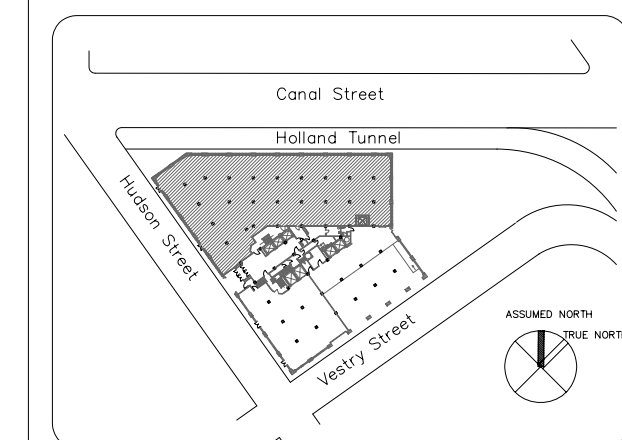
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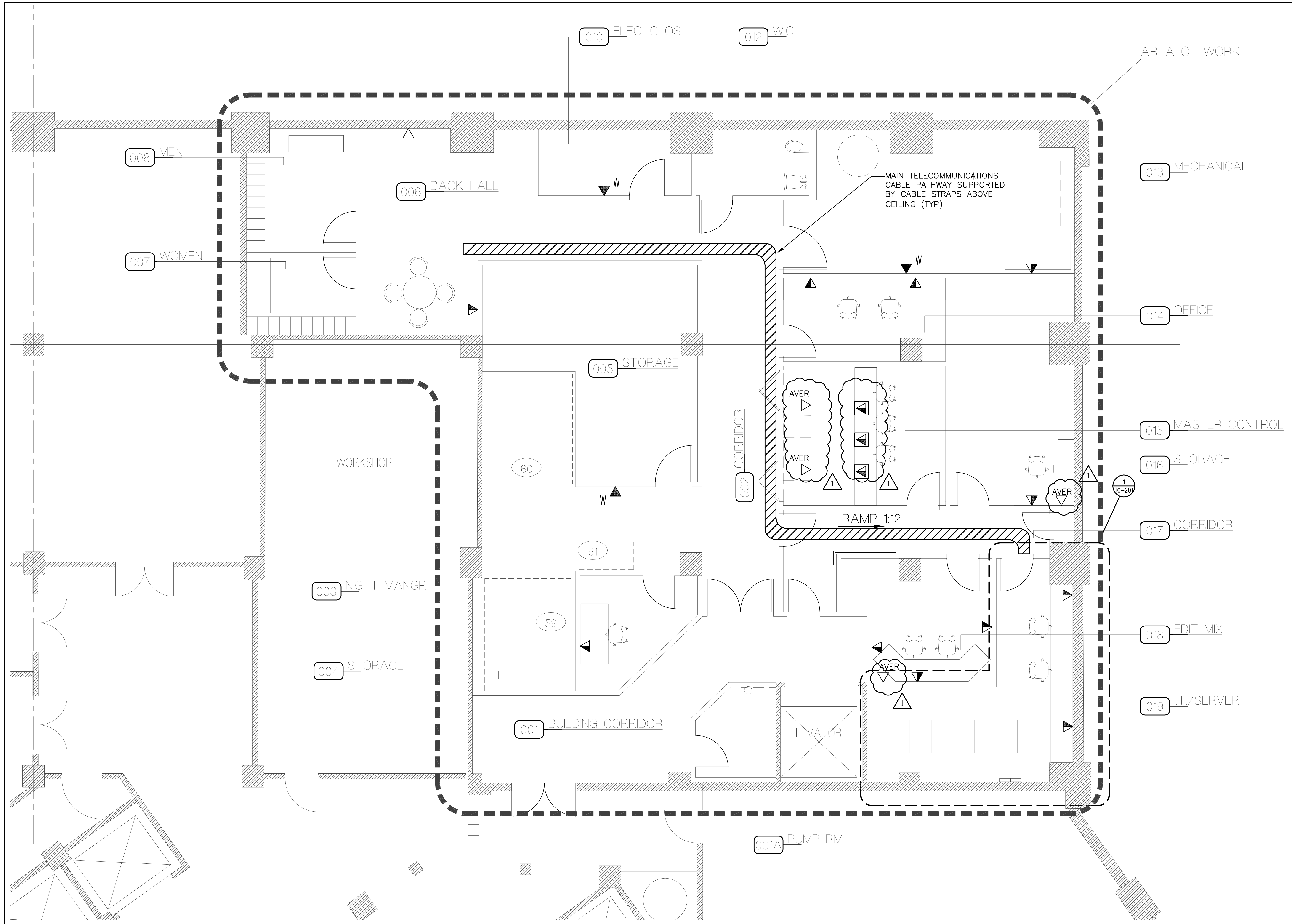
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AUDIOVISUAL
GROUND FLOOR
ELECTRICAL
RISER DIAGRAM

project no 761.01
scale 3/16" = 1'-0"

drawing no AV-E101C

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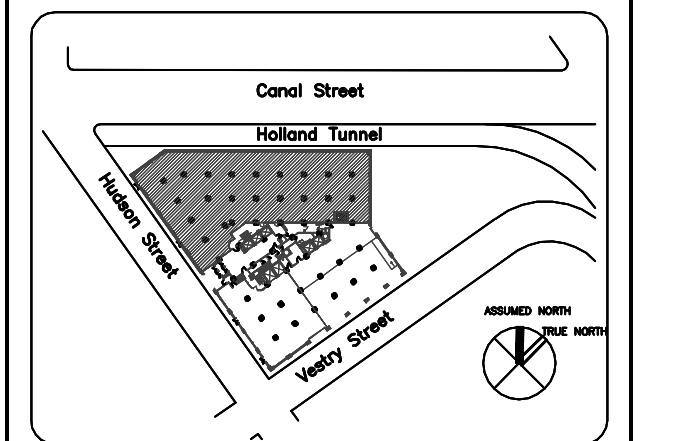
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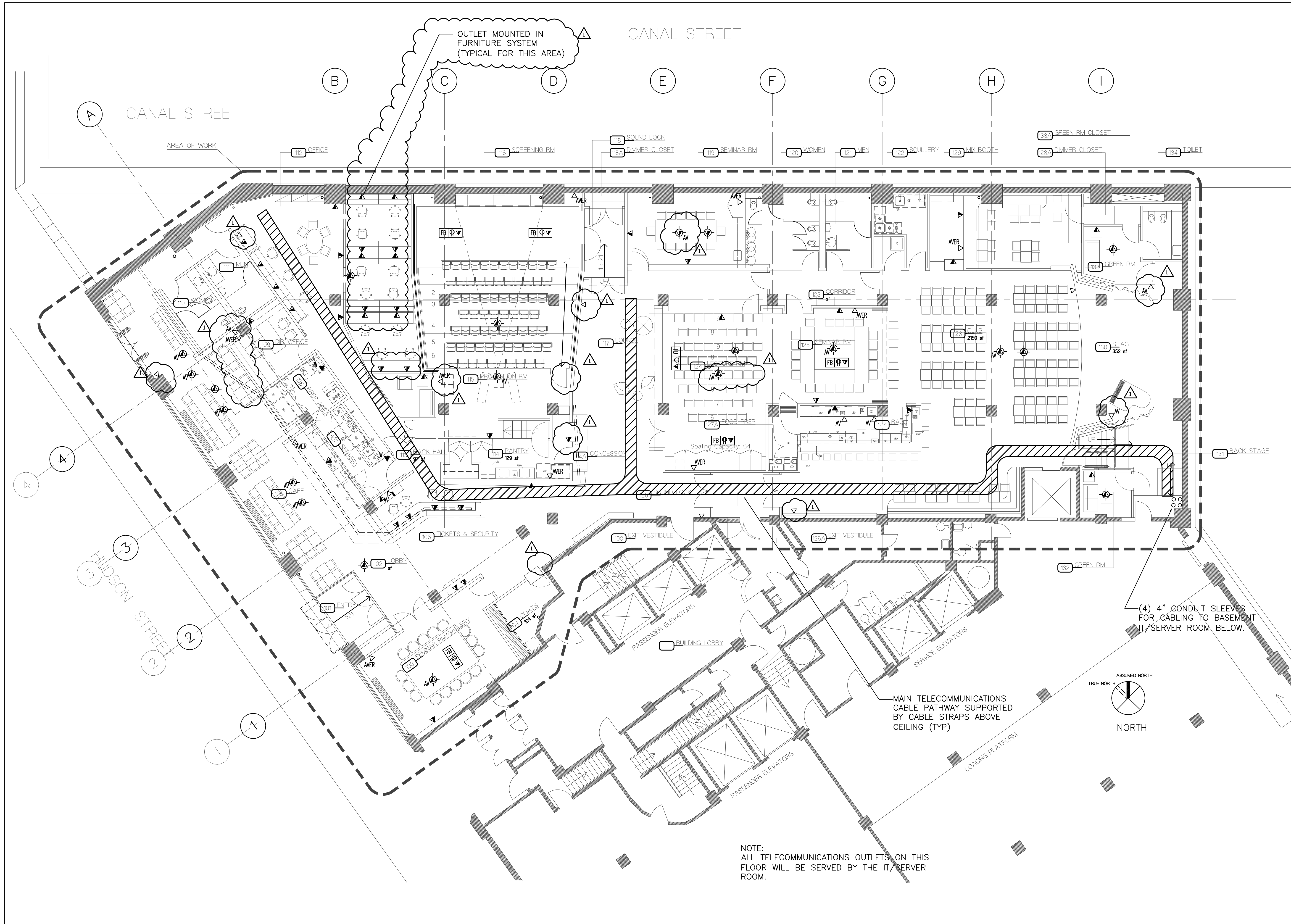
REVISION 1	08.24.07
100% CD	06.29.07
D.O.B.	04.02.07
DESIGN DEVELOPMENT	03.15.07

project architect
 drawn by
 checked by

TELECOM
 CELLAR PLAN

project no 761.01
 scale 1/4" = 1'-0"

drawing no TC-100



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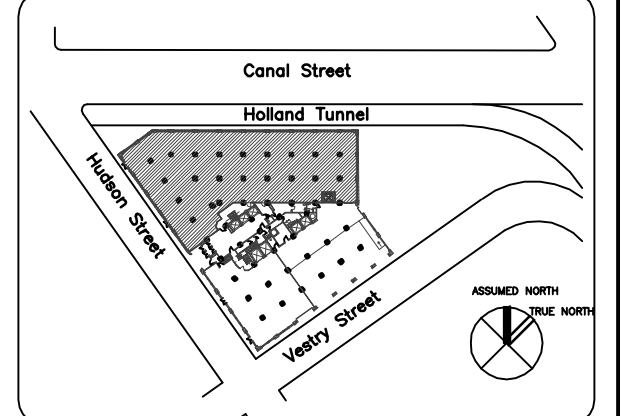
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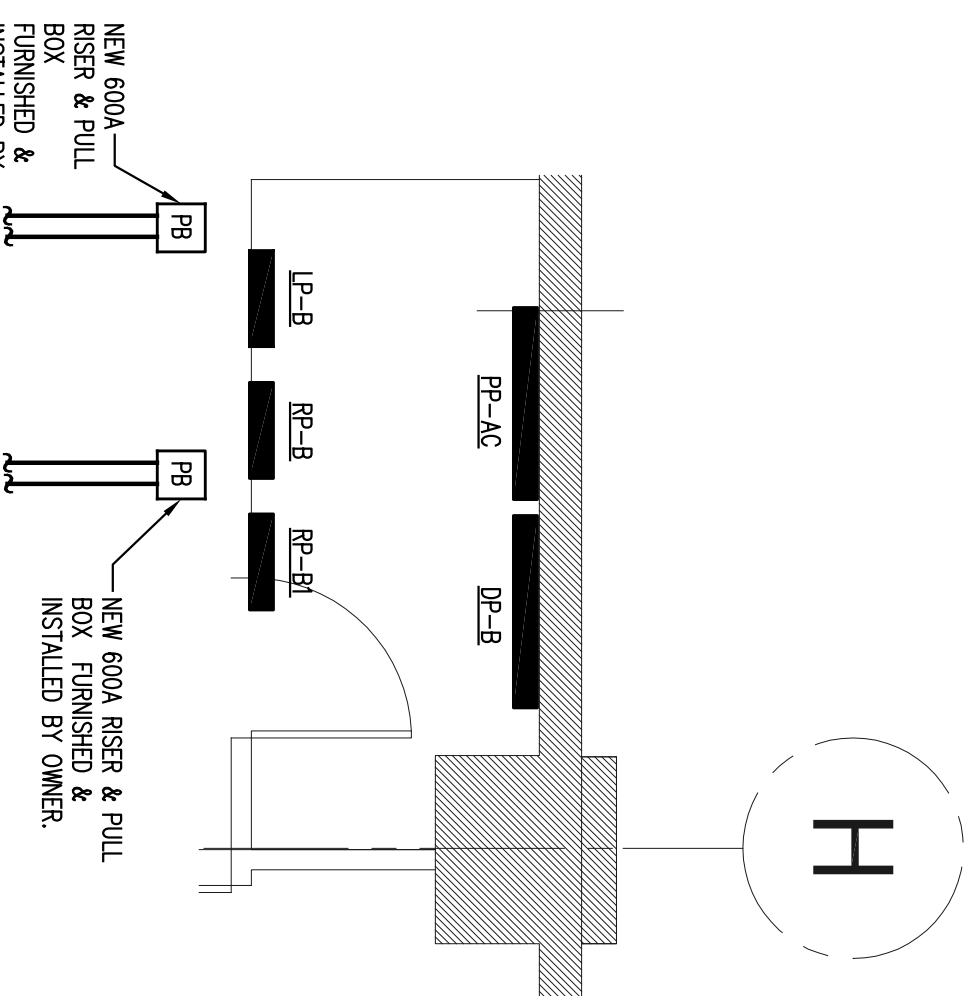
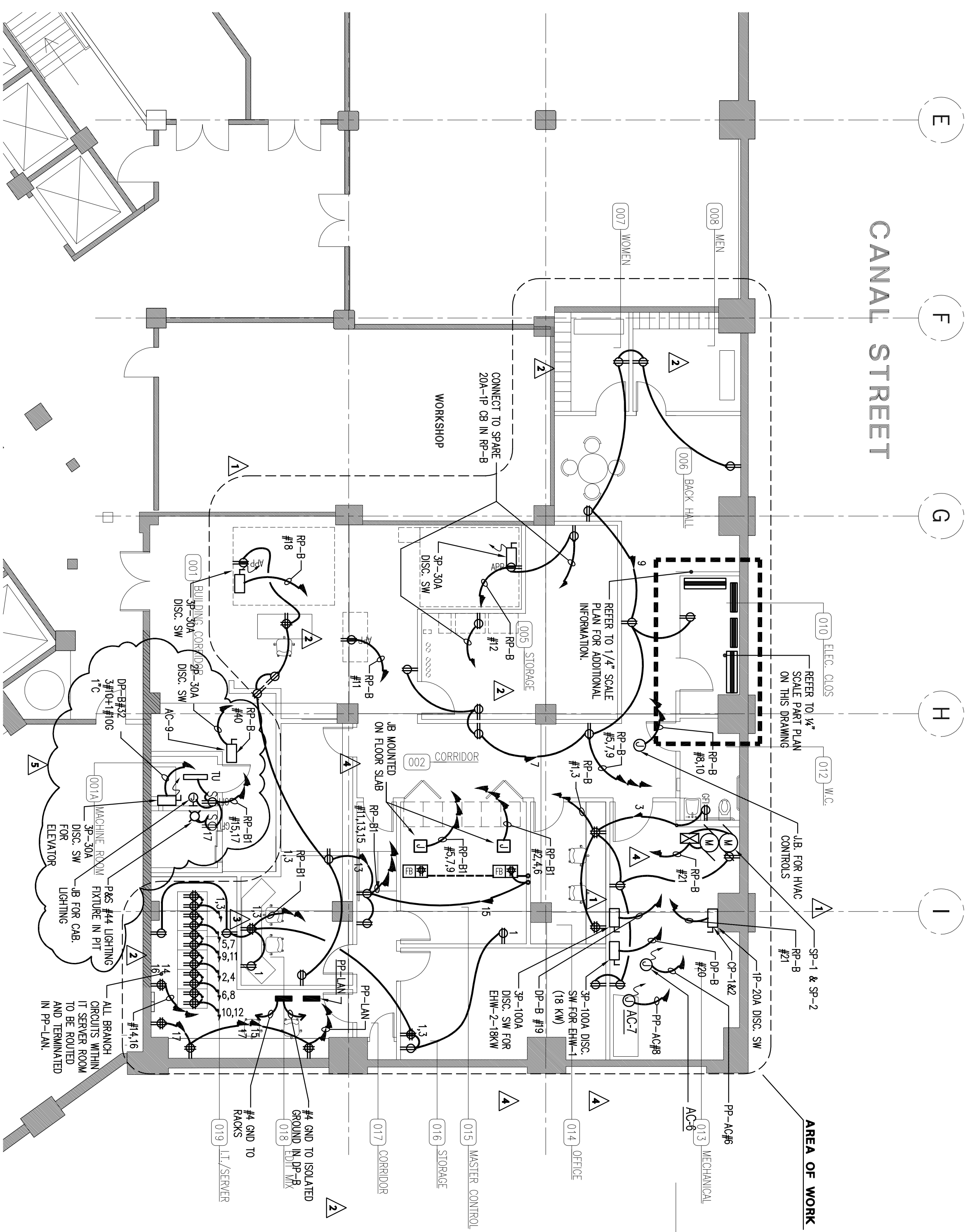
REVISION 1	08.24.07
100% CD	06.29.07
D.O.B.	04.02.07
DESIGN DEVELOPMENT	03.15.07

project architect
 drawn by
 checked by

TELECOM
 GROUND FLOOR
 PLAN

project no 761.01
 scale 1/4" = 1'-0"

drawing no TC-101



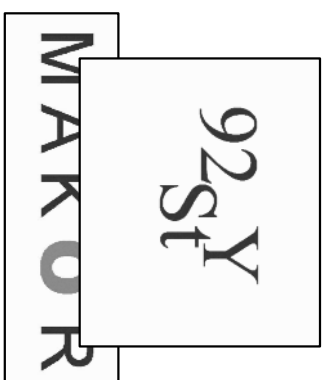
PART PLAN - BASEMENT FLOOR

SCALE: 1/4"=1'-0"

NOTES

1. ALL SECURITY WORK, I.E. INSTALLATION OF CARD READERS, CONTROL UNITS, WIRING, INTERFACE CARDS, SOFTWARE, CCTV CAMERAS MONITORS ETC., ARE TO BE COORDINATED WITH FBI SECURITY. SEE SECURITY DRAWINGS.
2. ELECTRICAL CONTRACTOR TO COORDINATE ELECTRICAL DEVICE LOCATIONS PER ARCHITECTURAL DRAWINGS PRIOR TO INSTALLATION.
3. FURNISH A SEPARATE PHASE STORED #10, NEUTRAL AND GROUND FOR THREE CIRCUIT HOMERUN.
4. COORDINATE CONDUIT RACEWAY ELECTRICAL AND TEL/DAT OUTLETS WITH ARCHITECT.
5. BRANCH CIRCUITS SHALL ORIGINATE FROM PANELBOARDS UTILIZING CONDUIT (OR OTHER APPROVED RACEWAY SYSTEM) AND WIRE, AND SHALL EXTEND TO THE FIRST OUTLET ON THE BRANCH CIRCUIT OR HOMERUN. DOWNSTREAM OF THAT POINT, EITHER CONDUIT OR WIRE, OR ARMORED CABLE, MAY BE UTILIZED.
6. ALL BRANCH CIRCUITS SHALL UTILIZE EITHER INDIVIDUAL NEUTRAL CONDUCTORS FOR EACH PHASE CONDUCTOR, OR AN OVERSIZE NEUTRAL CONDUCTOR WHERE SHARED IN A MULTI-CIRCUIT CONFIGURATION.
7. ALL BRANCH CIRCUIT AND FEEDER WIRING SHALL BE TAGGED AT EACH PULL BOX, JUNCTION BOX, SPICE BOX AND TERMINATION POINT. TAGS SHALL INDICATE SOURCE DESCRIPTION, CIRCUIT NUMBER AND PHASE.
8. CONTRACTOR TO BRUSH AND INSTALL THIN 90% DEGREE INSULATION FOR BRANCH CIRCUITRY AS NOTED FOR ETS BRANCH CIRCUITRY.
9. NO ELECTRICAL WORK SHALL BE ON "LIVE" EQUIPMENT. ALL EQUIPMENT SHALL BE DE-ENERGIZED PRIOR TO START OF WORK. EQUIPMENT SHALL NOT BE RE-ENERGIZED UNTIL TESTED, AND ALL SHORTS, GROUNDS AND UNSAFE CONDITIONS ARE ELIMINATED.
10. ALL PANELBOARDS, SWITCHBOARDS, METERS, TRANSFORMERS, AND DISCONNECT SWITCHES SHALL BE PERMANENTLY LABELED. PANELBOARD DIRECTORIES SHALL BE KEPT UP.
11. ALL EXISTING SECURITY DEVICES, AS WELL AS EXISTING RECEPAGES, SWITCHES, TELEPHONE OUTLETS IN COLUMN WALLS, CORE WALLS SHALL BE DISCONNECTED AND REMOVED.
12. CONTRACTOR TO REFER TO A/V DRAWING FOR ALL REQUIRED CONDUITS AND PULL BOXES.
13. PROVIDE (1) 120V CONTROL CIRCUITS FOR R. MAX. OF (4) CONDENSATION PUMPS.

DRAWINGS BASED ON ARCHITECTURAL BACKGROUNDS RECEIVED ON: 10-24-07
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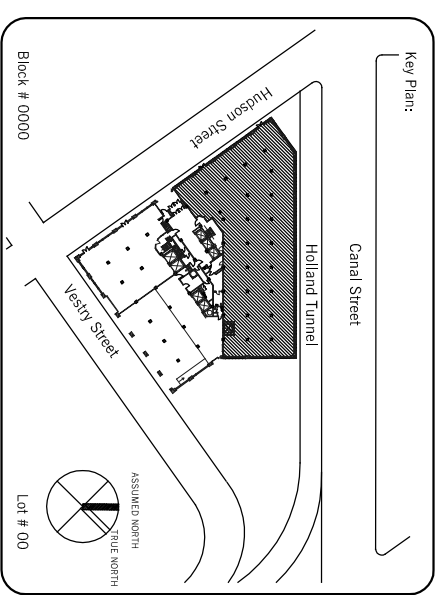
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11-02-07 LULA ELEVATOR REVISION
09-26-07 CLARIFICATION & CORRO
09-06-07 REVISION
06-29-07 100% CDS
06-19-07 BID SET
04-05-07 ISSUED FOR FILING

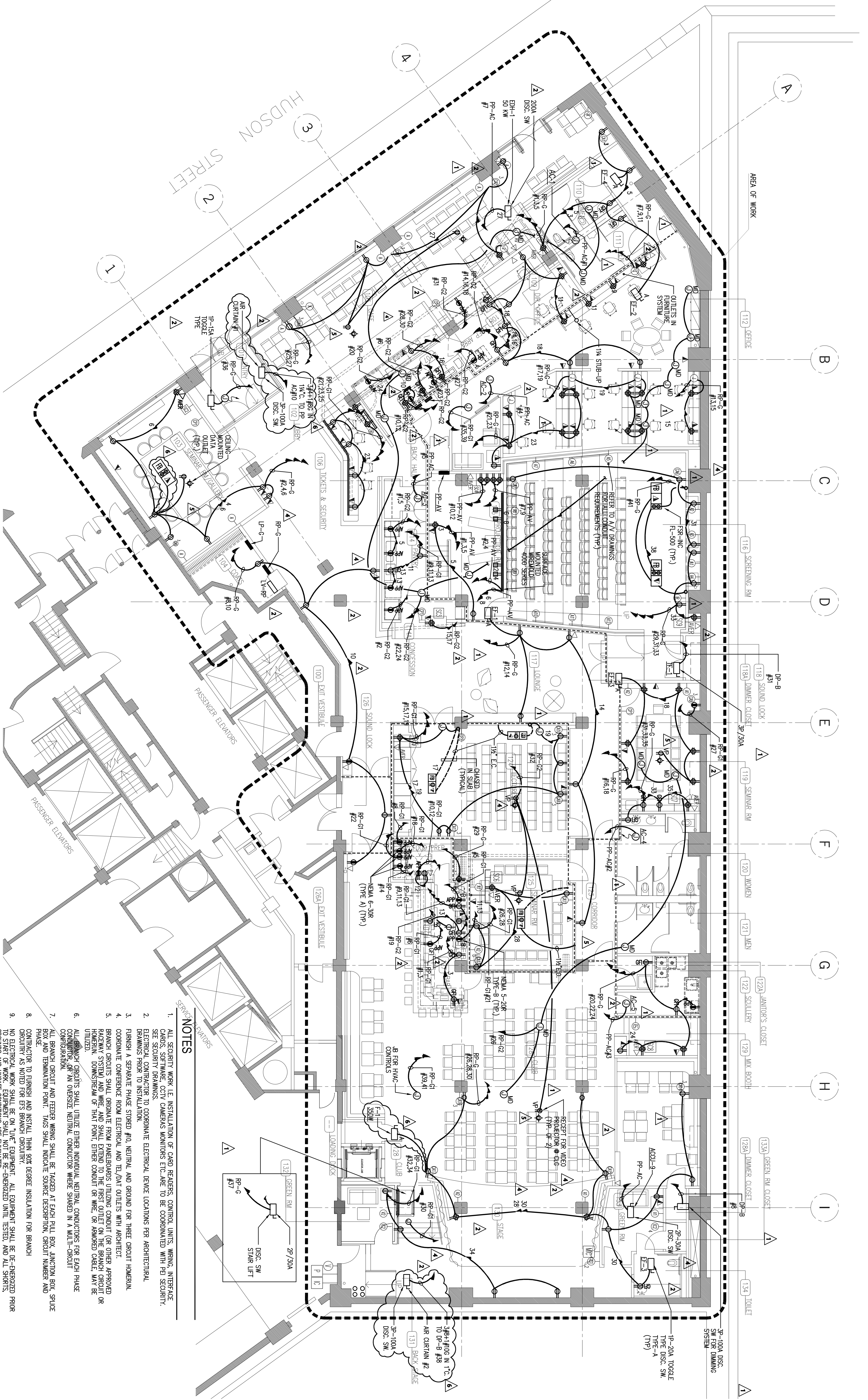
project engineer KS
drawn by NK
project manager MD

**BASEMENT
ELECTRICAL
POWER/ TELEPHONE PLAN**

project no M056-01-001
scale 1/8"=1'-0"

drawing no **E-302**

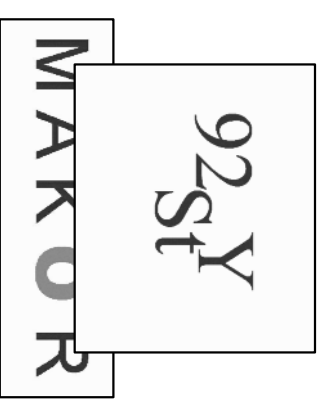
CANAL STREET



SPRING NOTES

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2. ELECTRICAL CONTRACTOR TO COORDINATE ELECTRICAL DEVICE LOCATIONS PER ARCHITECTURAL DRAWINGS PRIOR TO INSTALLATION.
3. FURNISH A SEPARATE PHASE STORED #10, NEUTRAL, AND GROUND FOR THREE CIRCUIT HOMERUN.
4. COORDINATE CONDUIT FROM PANELBOARDS UTILIZING CONDUIT (OR OTHER APPROVED RACEWAY SYSTEM) AND WIRE, AND SHALL EXTEND TO THE FIRST OUTLET ON THE BRANCH CIRCUIT OR UTILIZED DOWNSHEATH OR THAT POINT, EITHER CONDUIT OR WIRE, OR ARMORED CABLE, MAY BE UTILIZED.
5. ALL EXISTING SECURITY DEVICES, AS WELL AS EXISTING RECEPTACLES, SWITCHES, TELEPHONE OUTLETS IN COLUMN WALLS, CORE WALLS SHALL BE DISCONNECTED AND REMOVED.
6. CONTRACTOR TO REFER TO A/V DRAWING FOR ALL REQUIRED CONDUITS AND PULL BOXES.
7. PROVIDE (2) 120V CONTROL CIRCUIT FOR TSD & DAMPER CONNECT MAX. OF 8 PER CIRCUIT. SEE HVAC PLAN FOR LOCATION.
8. PROVIDE (2) 120V CONTROL CIRCUIT FOR VAV BOXES. CONNECT MAX. OF 4 BOXES PER 120V CIRCUIT.
9. CONTRACTOR TO FURNISH AND INSTALL THINER SIZE DEGREE INSULATION FOR BRANCH CIRCUITS AS NOTED FOR ETS BRANCH CIRCUIT. ALL EQUIPMENT SHALL BE DE-ENERGIZED PRIOR TO ELECTRICAL WORK. EQUIPMENT SHALL NOT BE DE-ENERGIZED UNTIL TESTED AND ALL SHORTS, GROUNDS AND UNSAFE CONDITIONS ARE ELIMINATED.
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15. PROVIDE (2) 120V CONTROL CIRCUIT FOR VAV BOXES. CONNECT MAX. OF 4 BOXES PER 120V CIRCUIT.

10-24-07
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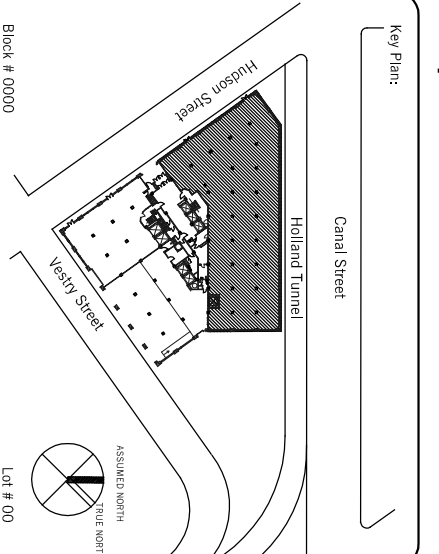
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- 12-12-07 REVISED AS SHE-07 & SHE-08
- 12-10-07 REVISED AS SHE-05 & SHE-06
- 09-26-07 CLARIFICATION & CORRD
- 09-06-07 REVISION #2
- 06-29-07 100% CDS
- 06-19-07 BID SET
- 04-09-07 ISSUED FOR FILING

project engineer KS
 drawn by NK
 project manager MD

**ELECTRICAL
 GROUND FLOOR
 POWER/ TELEPHONE PLAN**

project no M056-01-001
 scale 1/8"=1'-0"

drawing no **E-305**