

Southern A&E, LLC  
 7951 Troon Circle  
 Austell, Georgia 30168  
 (770)-819-7777



Project Name: Addition to Villa Rica High School  
 Project Number: 01-601-126  
 Client: Carroll County Schools  
 City/State: Carrollton, Georgia

Addendum Date: June 18, 2007  
 Bid Date: June 21, 2007

|                   |              |         |           |            |    |
|-------------------|--------------|---------|-----------|------------|----|
| Post-it® Fax Note | 7671         | Date    | 6/18/07   | # of pages | 14 |
| To                | Plan Holders | From    | Rion Hall |            |    |
| Co./Dept.         | J. Renard    | Cc.     |           |            |    |
| Phone #           |              | Phone # |           |            |    |
| Fax #             |              | Fax #   |           |            |    |

TO REGISTERED HOLDERS OF BID DOCUMENTS



**INFORMATION CONTAINED IN THIS ADDENDUM SUPERSEDES PREVIOUS INFORMATION CONTAINED IN BID DOCUMENTS**

CHANGES TO DRAWINGS

1. Drawing E02
  - a. Revise Lighting Fixture Schedule on attached supplemental drawing E02.S1.AD4.
  - b. Revise Mechanical Equipment Connection Schedule as follows:
    - i. IHP's shall have a NEMA 1 type disconnect in lieu of NEMA 3R.
  
2. Drawing E03
  - a. Revise Wing A - Lower Level Lighting Plan as shown on attached supplemental drawing E03.S1.AD4 and E03.S2.AD4.
  - b. Revise Lighting Plan notes as follows:
    - i. Note #1
      - (1) Delete reference to Schematic on Sheet E24.
    - ii. Add Note #3 as follows:
      - (1) Provide 240V/30A/1P NEMA 3R disconnect for Elevator Cab Lights. Provide black phenolic nameplate affixed to disconnect that reads "Elevator Cab Light Power Disconnect".
  - c. Science 116
    - i. Emergency Exit Sign located at exit door to this space shall be an type X1 lighting fixture.
  
3. Drawing E04
  - a. Receptacles indicated as mounted 46" aff in Classrooms at TV location shall be located 84" aff adjacent to TV outlet. (Typical all classrooms)
  - b. Prep Rm 114 and 117
    - i. Duplex GFI receptacle shown in space and indicated to be 18" aff shall be changed to 46" aff.

4. Drawing E05
  - a. Revise Wing A - Lower Level Comm & Fire Protection Plan as shown on attached supplemental drawing E05.S1.AD4 and E05.S2.AD4.
  
5. Drawing E06:
  - a. Delete type "H" light fixtures in the following rooms:  
Math Classroom #s 221,222,224&225.
  
  - b. Corridor (#200):  
Add type "C" fixture as shown in supplemental drawing E6.S1.AD4.
  
6. Drawing E08:
  - a. Add door holders and smoke detectors as shown in supplemental drawing E8.S1.AD4 & E8.S2.AD4 .
  
  - b. Workroom (#220):  
Add outlet boxes for data as shown in E8.S3.AD4.
  
6. Drawing E12:
  - a. Revise riser diagram as shown in supplemental drawing E12.S1.AD4.
  
  - b. MSG-C:
    1. Insert 200A 2-pole circuit breaker in schedule for transformer "XTD".  
See attached revised panel schedule.
    2. Change circuit spaces in "MSG-C" to 8.
  
  - c. Insert attached power panel "PD".

ATTACHMENTS:

## Supplemental Drawings:

E02.S1.AD4, E03.S1.AD4, E03.S2.AD4, E05.S1.AD4, E05.S2.AD4, E06.S1.AD4,  
E8.S1.AD4, E8.S2.AD4, E8.S3.AD4, E12.S1.AD4

Panel Schedules: MSG-C, PD

END OF ADDENDUM NO. 4

01-601-126

# LIGHTING FIXTURE SCHEDULE

| MARK | LAMPS  | VOLT | MANUFACTURER & CAT. NO.  | MOUNTING | REMARKS                    |
|------|--|------|--|----------|----------------------------|
| A    | 4 F32-T8<br>WITH PROG.<br>RAPID START<br>ELECTRONIC<br>BALLAST<br>AS SPECIFIED | 277  | COLUMBIA<br>DAYBRITE<br>LSI<br>LITHONIA<br>METALUX<br><br>ST8 24 432 A19.156 4EB8<br>2TG 432 FS19 1/4EB<br>G19-432-SD-277<br>2GT8-432-A19-277-GE810PS<br>2GR8 432 A19/156 EB81 | RECESSED | STATIC<br>A19.156"<br>LENS |

|    |  |     |   |                             |                       |
|----|--|-----|---|-----------------------------|-----------------------|
| FI | 4 F32-T8<br>WITH PROG.<br>RAPID START<br>ELECTRONIC<br>BALLAST<br>AS SPECIFIED | 277 | LITHONIA<br>METALUX<br>COLUMBIA<br>DAYBRITE<br>LSI<br><br>TAF-432-277-GE810PS<br>8T-DIM-432-277-EB81<br>KL8-432-4EB8LH-277<br>T1F-432-PP-277-EB10P<br>F23-432-2-SS010-277 | SURFACE/<br>CHAIN - 14" AFF | SEE DWGS<br>FOR MOUNT |
|----|--|-----|---|-----------------------------|-----------------------|

|   |        |     |  |                           |  |
|---|--------|-----|--|---------------------------|--|
| J | 70W MH | 277 | LITHONIA<br>NITEBRITE<br>COOPER<br>LSI<br>GARDCO<br><br>WST 70M MD MVOLT DBBT<br>WCM 070 M DT -<br>MHIP-T 70 DT<br>GBWS 3 70MH F UE BRZ<br>101 MT 70MH 277 BRP | WALL<br>MOUNTED<br>8" AFF | FULL-<br>CUTOFF<br><br>PROVIDE<br>CONNECTION<br>TO COMMON<br>PROTOCELL |
|---|--------|-----|--|---------------------------|--|

|    |        |     |   |         |   |
|----|--------|-----|---|---------|---|
| JI | 70W MH | 277 | LITHONIA<br>GARDCO<br>LUMARK<br><br>WSR-70M-MDUS-MVOLT-WLU-<br>DBBT<br>103-MTUD-70MH-BRP-<br>MH-IP-C-70W-MT-UPL50 | SURFACE | PROVIDE<br>CONNECTION<br>THRU COMMON<br>PROTOCELL |
|----|--------|-----|---|---------|---|

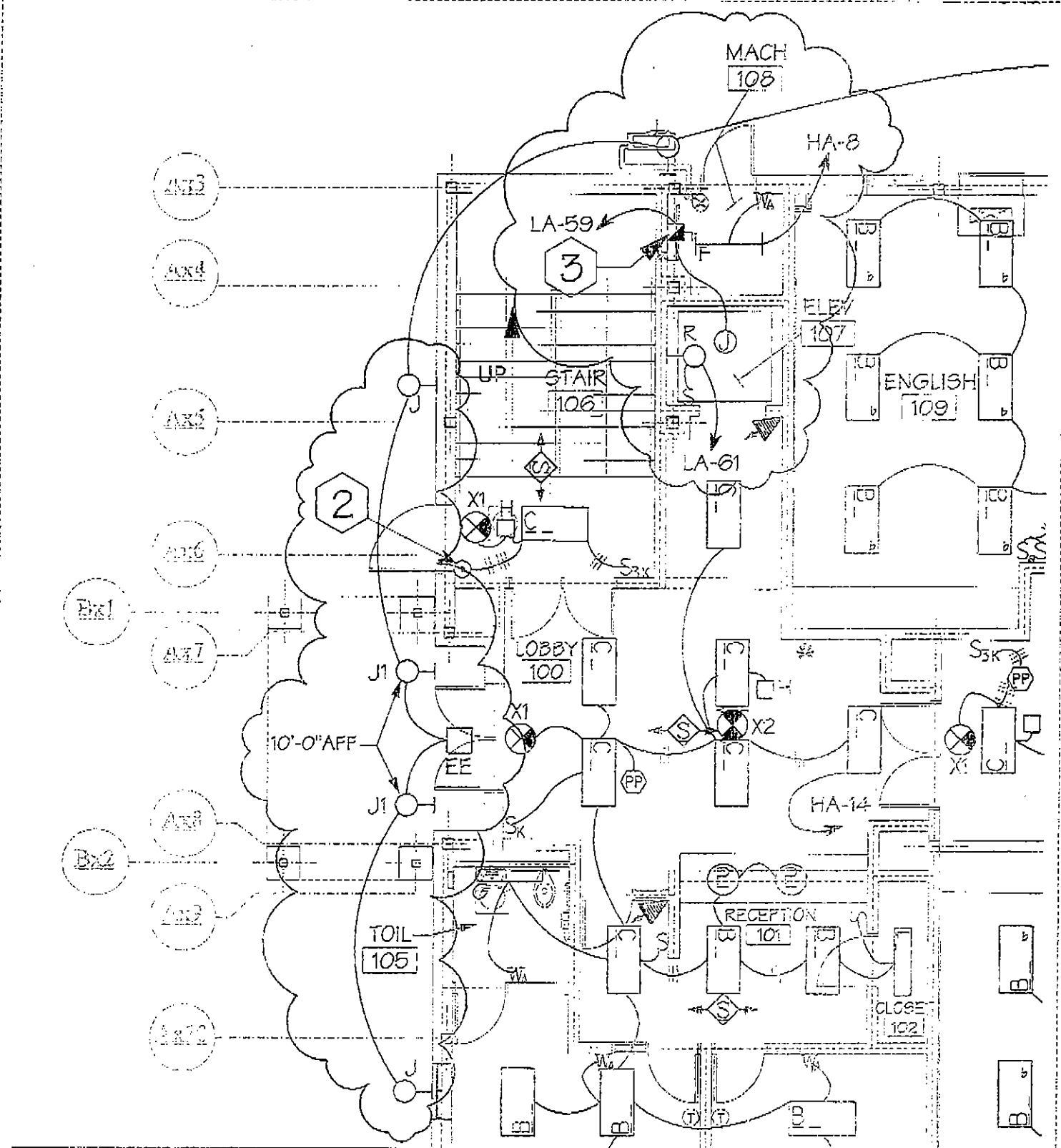
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|---|-------------|-----|--|-----------------|--------------------------|
| R | 100W<br>419 | 120 | MCPHILBEN<br>DAYBRITE<br>PRESCOLITE<br>GE<br><br>43-44VT<br>VIS1601-12-W-G<br>9300<br>H7115F3WDD | WALL<br>MOUNTED | PROVIDE<br>WIRE<br>GUARD |
|---|-------------|-----|--|-----------------|--------------------------|

TITLE: REVISED LIGHTING FIXTURE SCHEDULE SCALE: NO SCALE

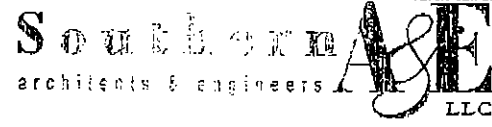
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| ADDITION TO<br><b>VILLA RICA<br/>HIGH SCHOOL</b><br>CARROLL COUNTY BOARD OF EDUCATION<br>CARROLLTON, GEORGIA |  | E02.S1.AD4  |
|  |  | DRAWING 1 OF 1  |

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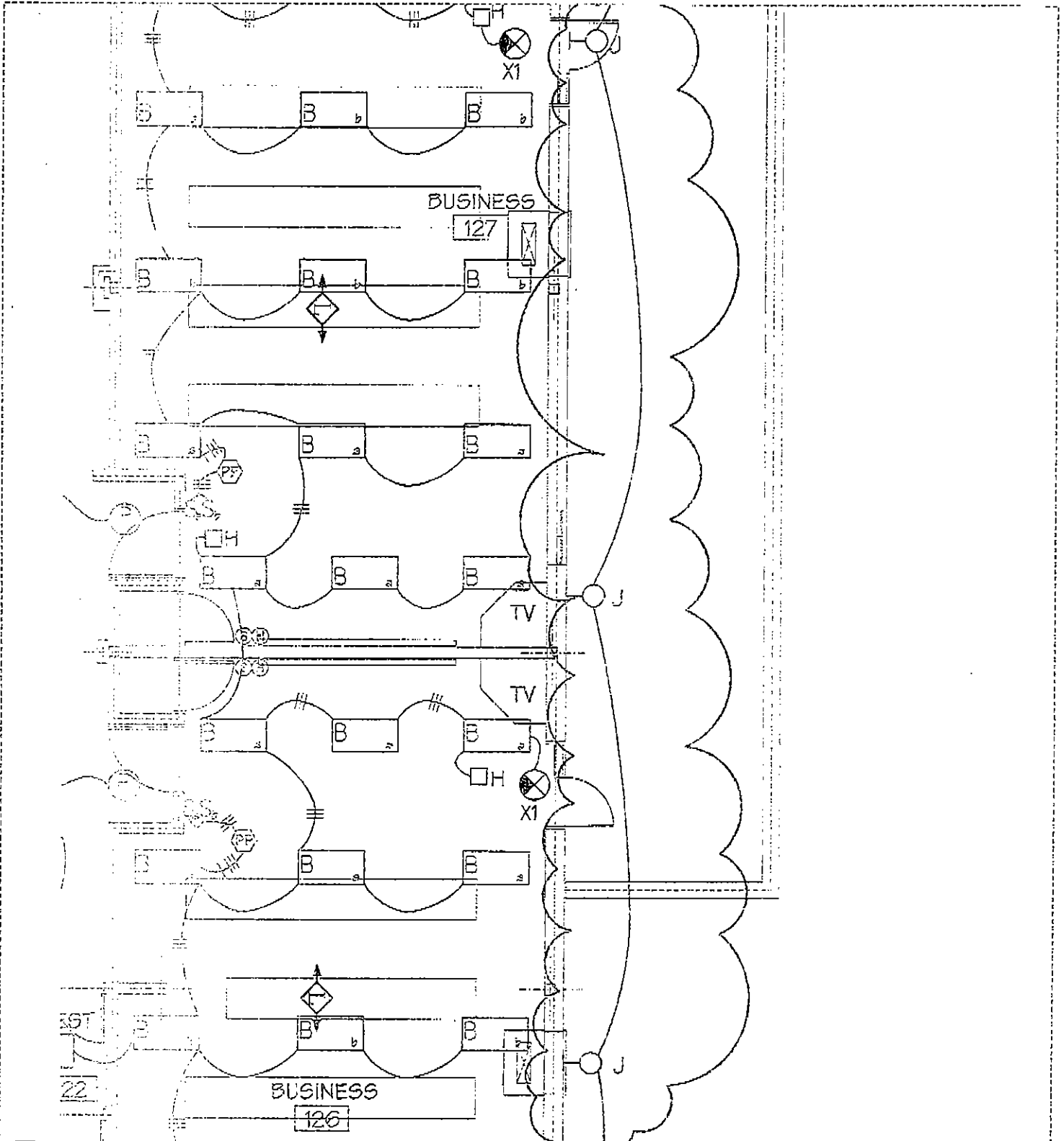


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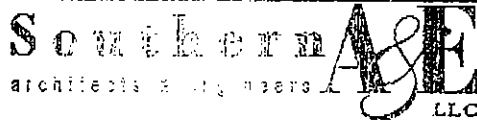
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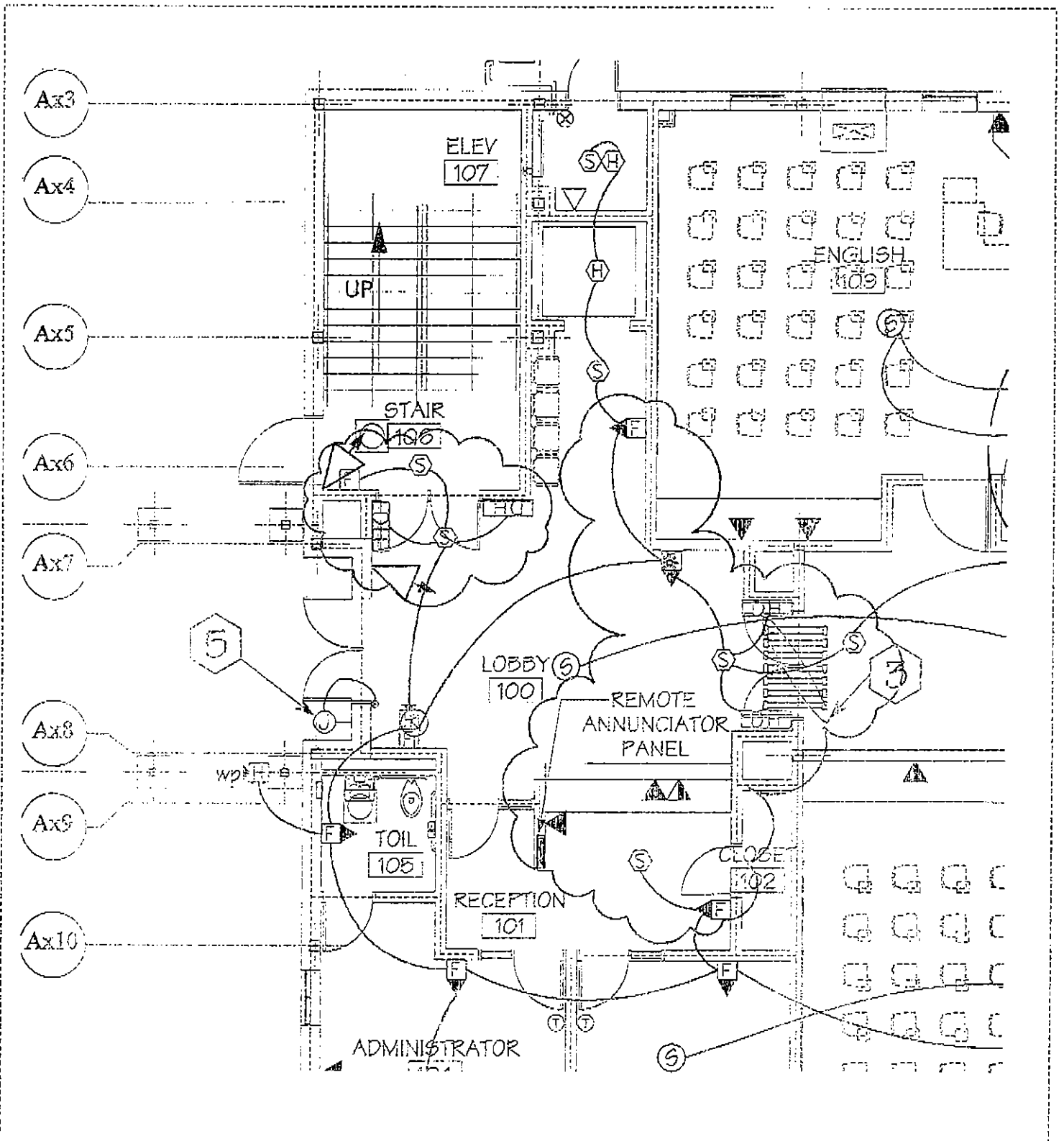
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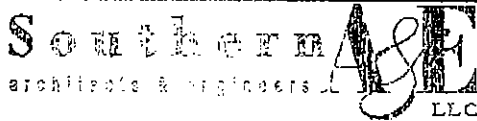
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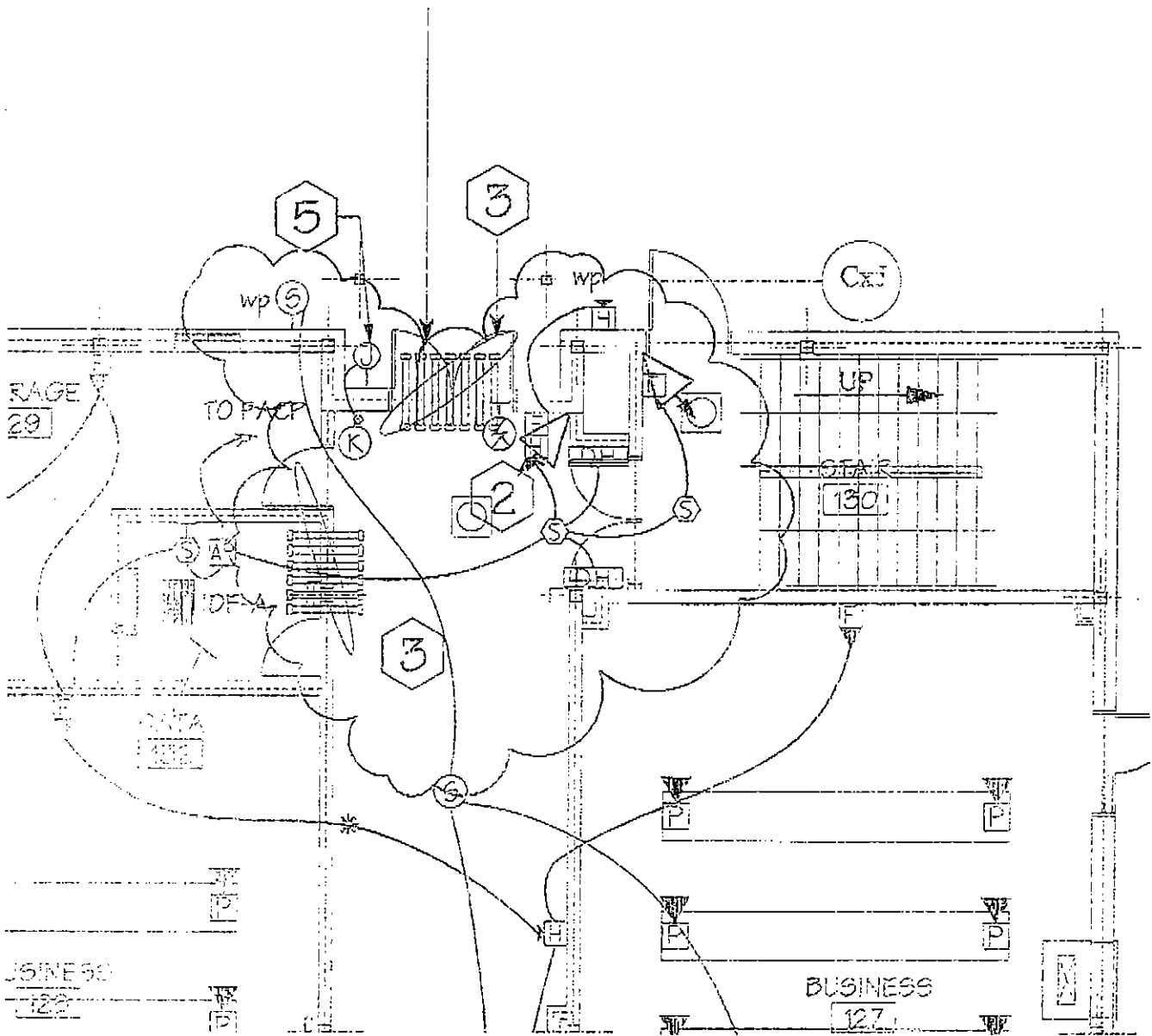
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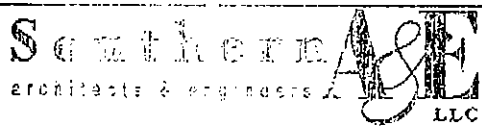
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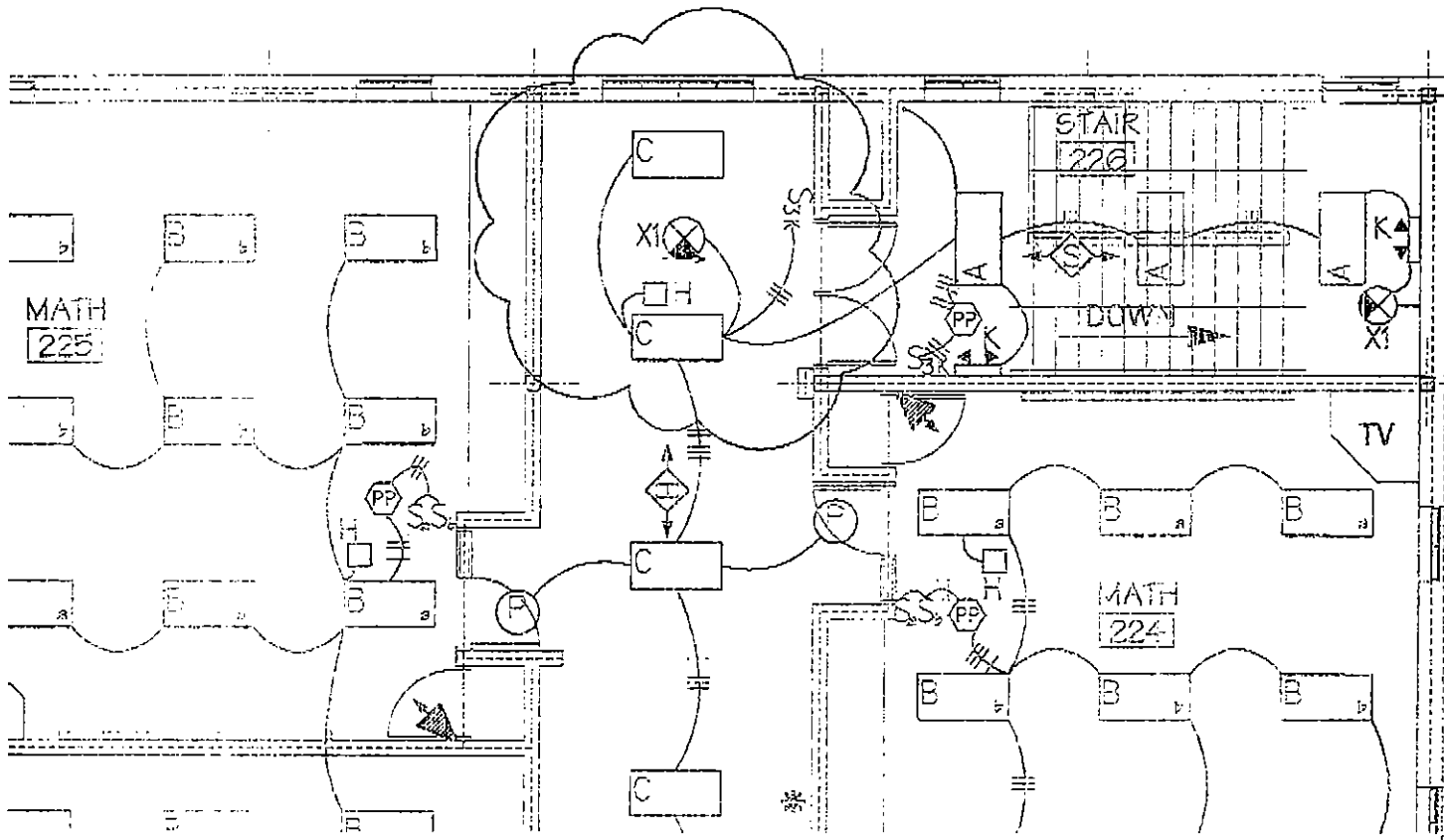
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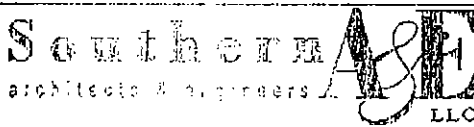
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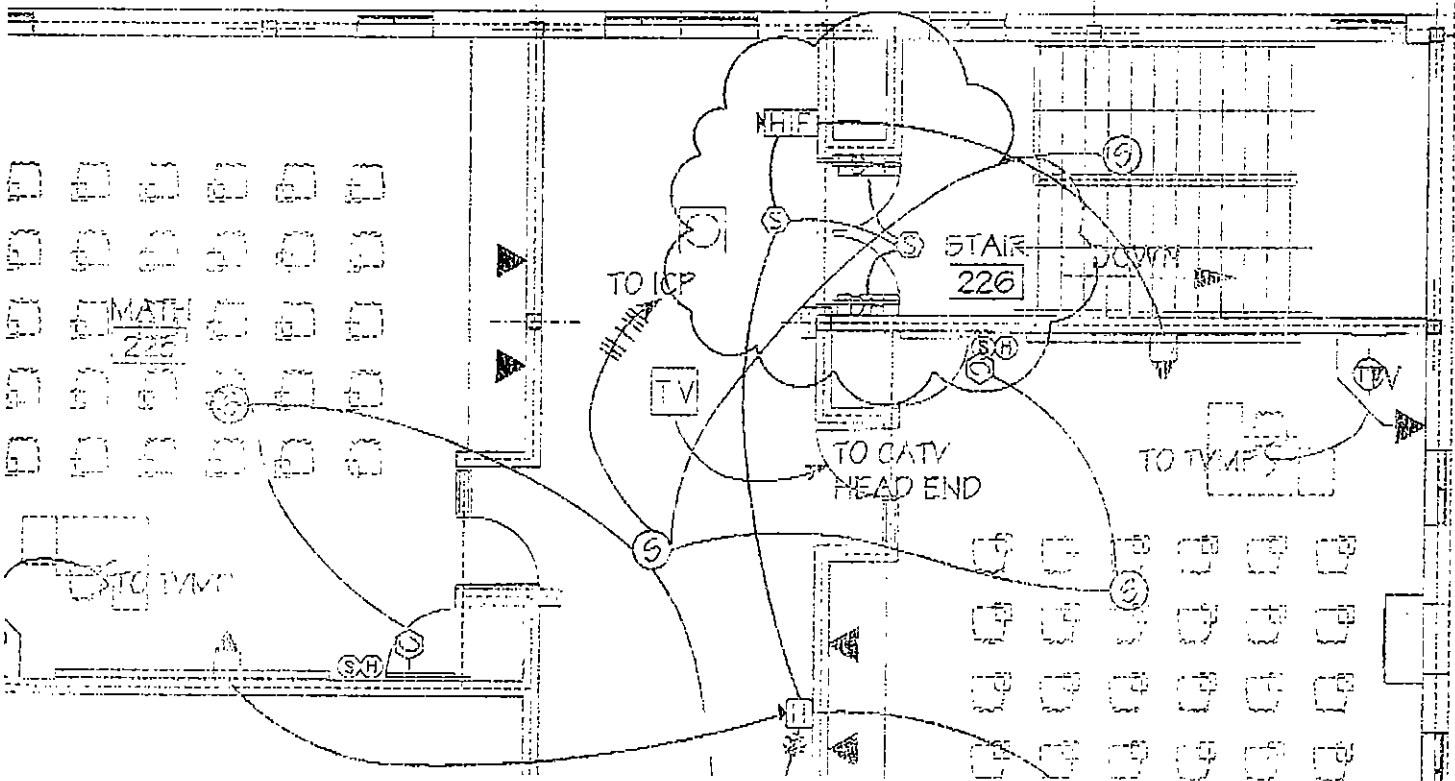
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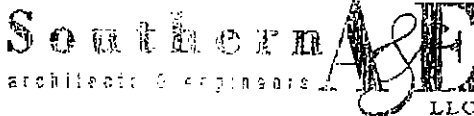
DRAWING 1 OF 1



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| <b>TITLE</b> REVISED WING A - UPPER LEVEL LIGHTING PLAN  |   | <b>SCALE:</b> 1/8" = 1'-0"  |  |
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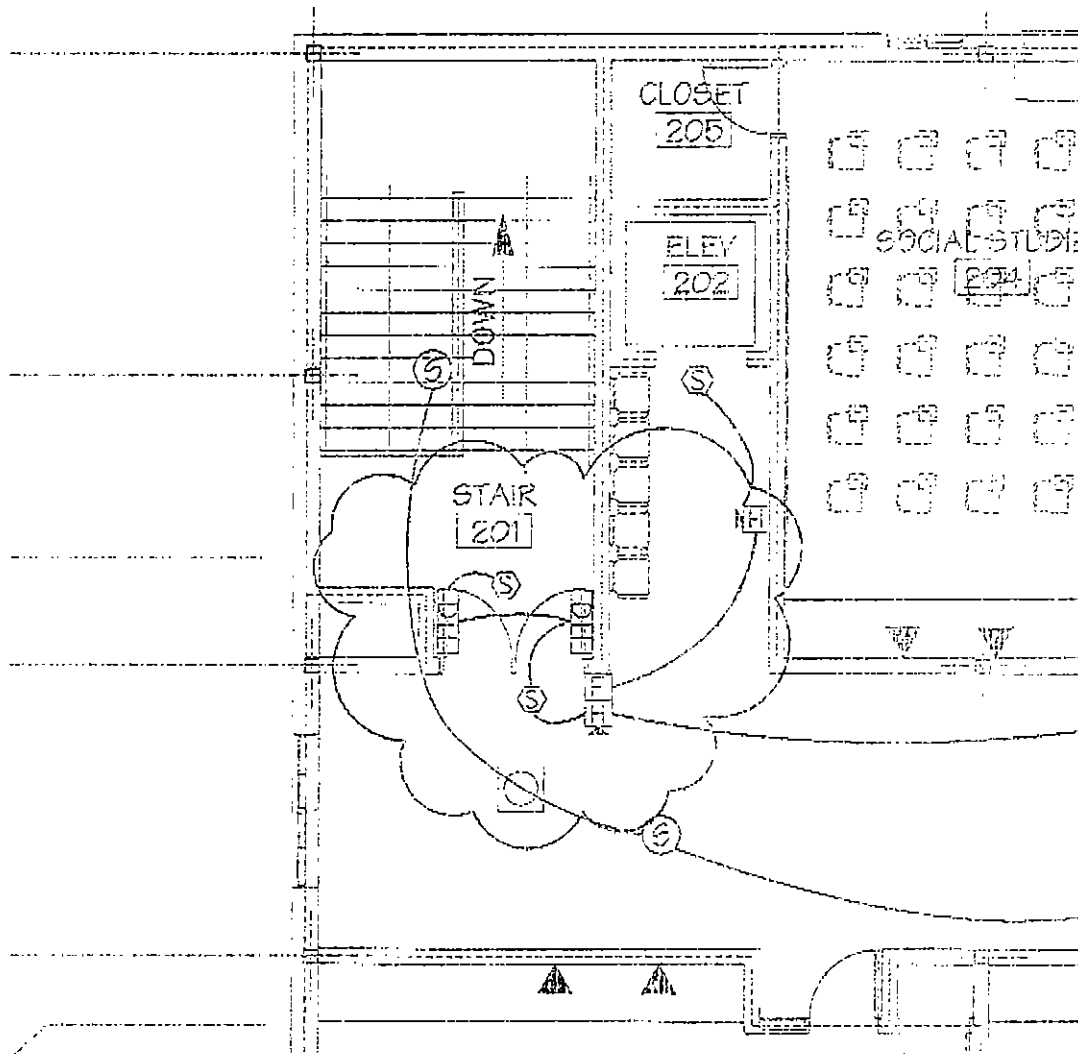
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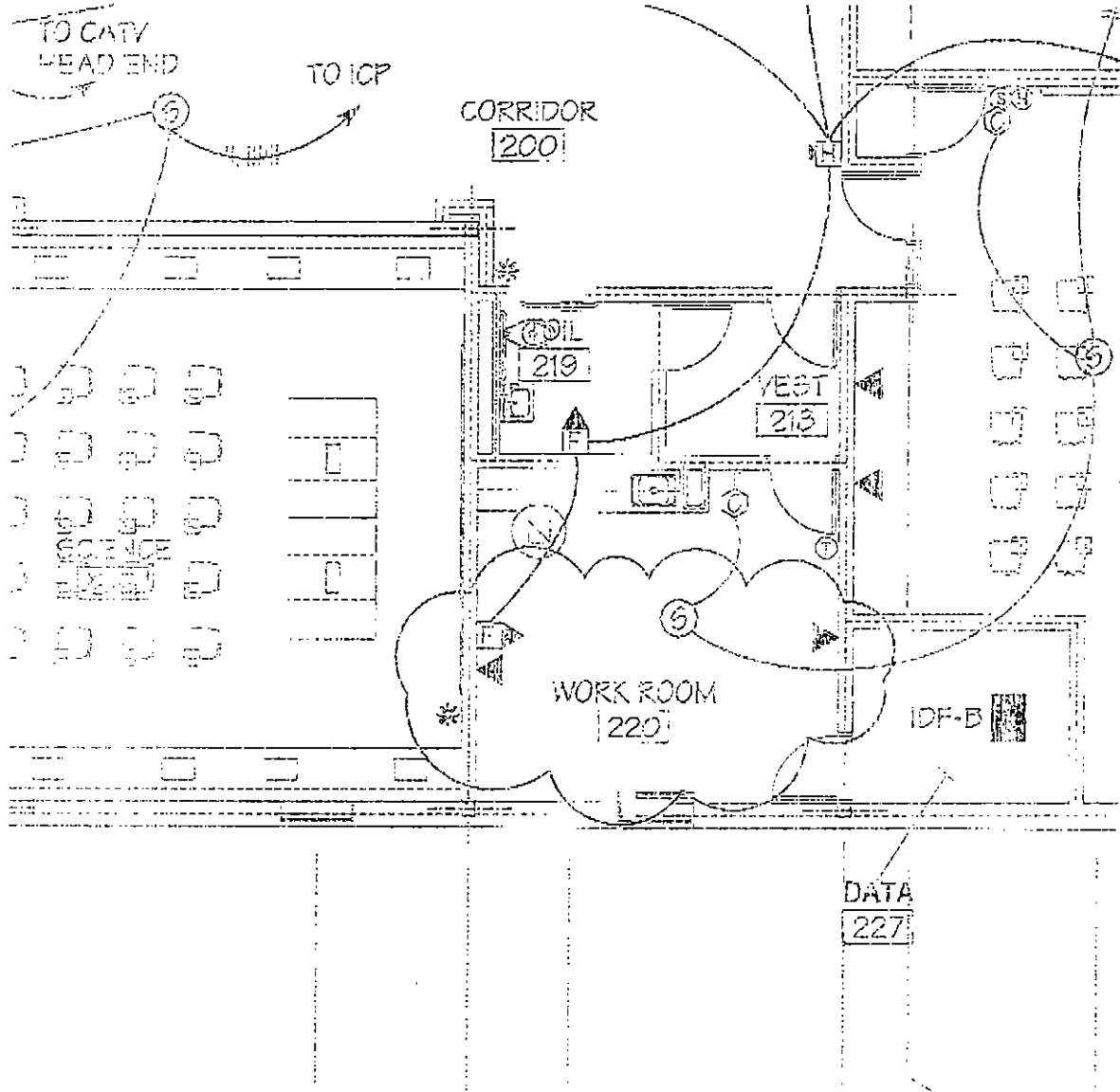
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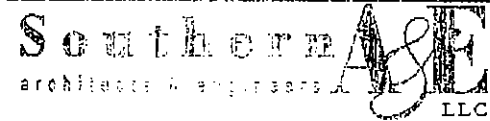
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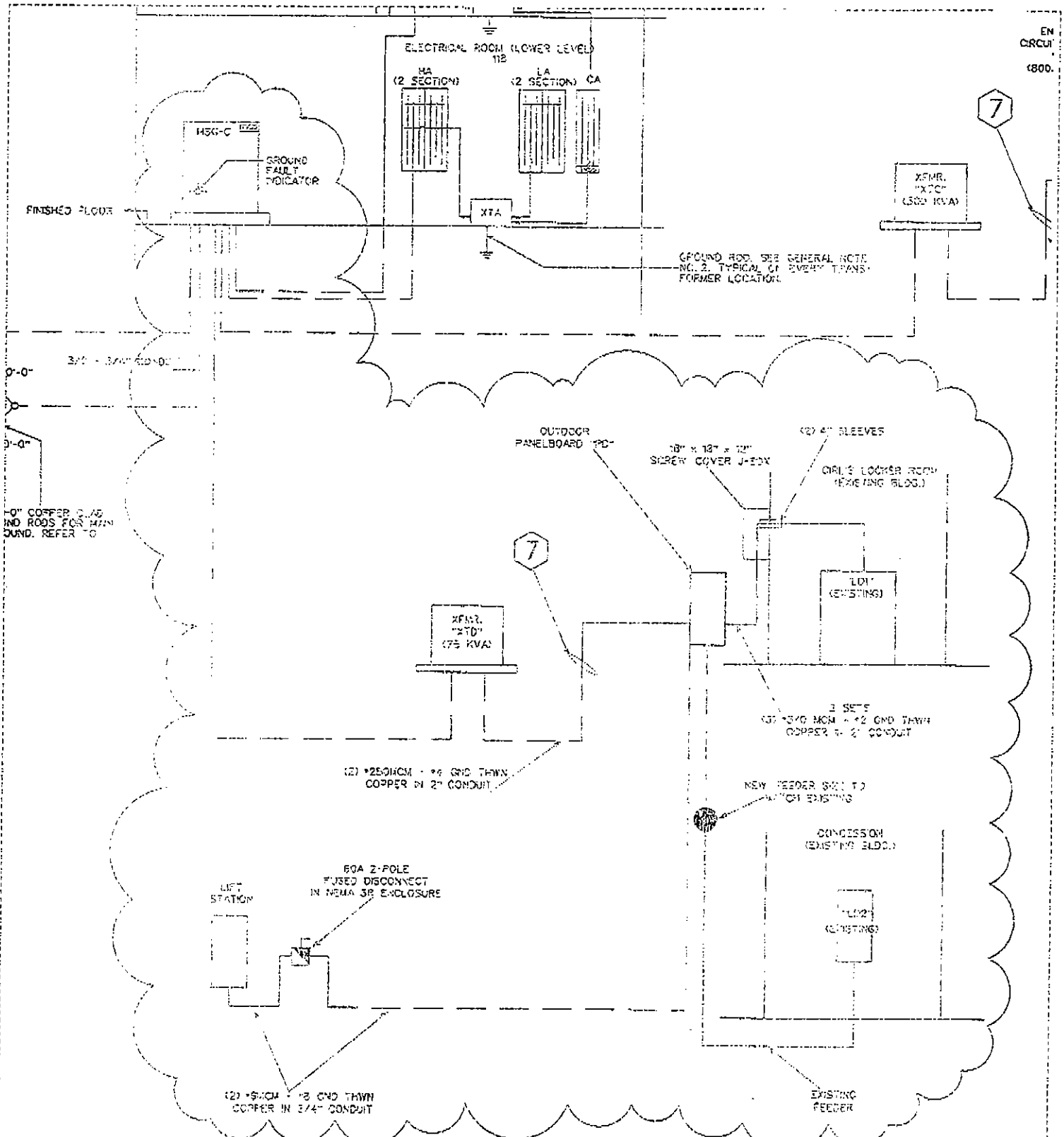
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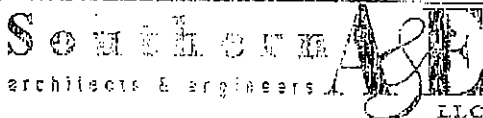
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DRAWING 1 OF 1



TITLE: PARTIAL RISER DIAGRAM

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



|  |  |   |
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DRAWING 1 OF 2

480Y/177V 3-Phase 4-Wire SWITCHBOARD

Name: MSB-C (REVISION: 6-16-07)

Main: 1200A Main molded case breaker  
 Branch CCB: Molded case breaker  
 Neutral: S/N  
 Ground bar: As required for service entrance equipment

Main Sym IC: 25000  
 Fed From: UTILITY  
 Provide UL SE Label  
 Feeder: Note 1

PEAK LOADS

| CIR DESCRIPTION    | TRIP | POLES | PEAK LOADS |        |        | CONDUITS   | PHASES   | NEUTRAL | GROUND | WIRE TYPE   |
|--------------------|------|-------|------------|--------|--------|------------|----------|---------|--------|-------------|
|                    |      |       | A          | B      | C      |            |          |         |        |             |
| 1 EA               | 500  | 3     | 131613     | 107968 | 125335 | (2) 2-1/2" | 3#250kcm | 1#10kcm | #1     | THHN Copper |
| 2 IB               | 500  | 3     | 115305     | 108343 | 105112 | (2) 2-1/2" | 3#250kcm | 1#10kcm | #2     | THHN Copper |
| 3 XTC              | 400  | 3     | ---        | ---    | ---    | (2) 2"     | 3#3/C    | -       | #1     | THHN Copper |
| 4 XTD              | 300  | 3     | 36010      | 34570  | ---    | (1) 2"     | 2#250kcm | -       | #4     | THHN Copper |
| 5 SSARE            | 200  | 3     | ---        | ---    | ---    | -          | -        | -       | -      | -           |
| 6 Space only       | 600  | 3     | ---        | ---    | ---    | -          | -        | -       | -      | -           |
| 7 Space only       | 600  | 3     | ---        | ---    | ---    | -          | -        | -       | -      | -           |
| 8 SURGE SUPPRESSOR | 50   | 3     | ---        | ---    | ---    | 3/4"       | 3#6      | -       | #10    | THHN Copper |
| Phase Load Totals  |      |       | 282223     | 370501 | 329647 |            |          |         |        |             |

Notes for MSB-C:

- 1 Feeder as (4) 3" - 4#250kcm THHN Copper
- 2 Provide Ground Fault protection for 1200A main molded case breaker
- 3 Terminal Markings: 111-711

100/240V 1-Phase 3-Wire POWER PANEL

Name: FR

Main: 40A Main molded case breaker  
 Main: Surface Door: Yes  
 Branch OCP: Molded case breaker  
 Neutral: 3/W  
 Ground bar: Yes

Main Sym IC: 24000  
 Fed from: KTD  
 Feeder: Note 1

PHASE LOADS

| CIR DESCRIPTION   | TRIP | POLES | PHASE LOADS |       | CIRCUITS | PHASES | NEUTRAL | GROUND | WIRE TYPE   |
|-------------------|------|-------|-------------|-------|----------|--------|---------|--------|-------------|
|                   |      |       | A           | B     |          |        |         |        |             |
| 1 LIFT SOLUTION   | 60   | 2     | 2360        | 2860  | 3/4"     | 246    | -       | #8     | THWN Copper |
| 2 LED             | 200  | 2     | 13500       | 13600 | (1) 2"   | 243/0  | 2/0     | #6     | THWN Copper |
| 3 LED             | 200  | 2     | 13530       | 13680 | (1) 2"   | 243/0  | 3/0     | #6     | THWN Copper |
| 4 SPARE           | 200  | 2     | ---         | ---   | -        | -      | -       | -      | -           |
| 5 Space only      | 400  | 2     | ---         | ---   | -        | -      | -       | -      | -           |
| 6 Space only      | 400  | 2     | ---         | ---   | -        | -      | -       | -      | -           |
| Phase Load Totals |      |       | 36010       | 36500 |          |        |         |        |             |

Notes for ID:

- 1 Feeder is (3) 2" THWN Copper from 75 KVA Transformer KTD