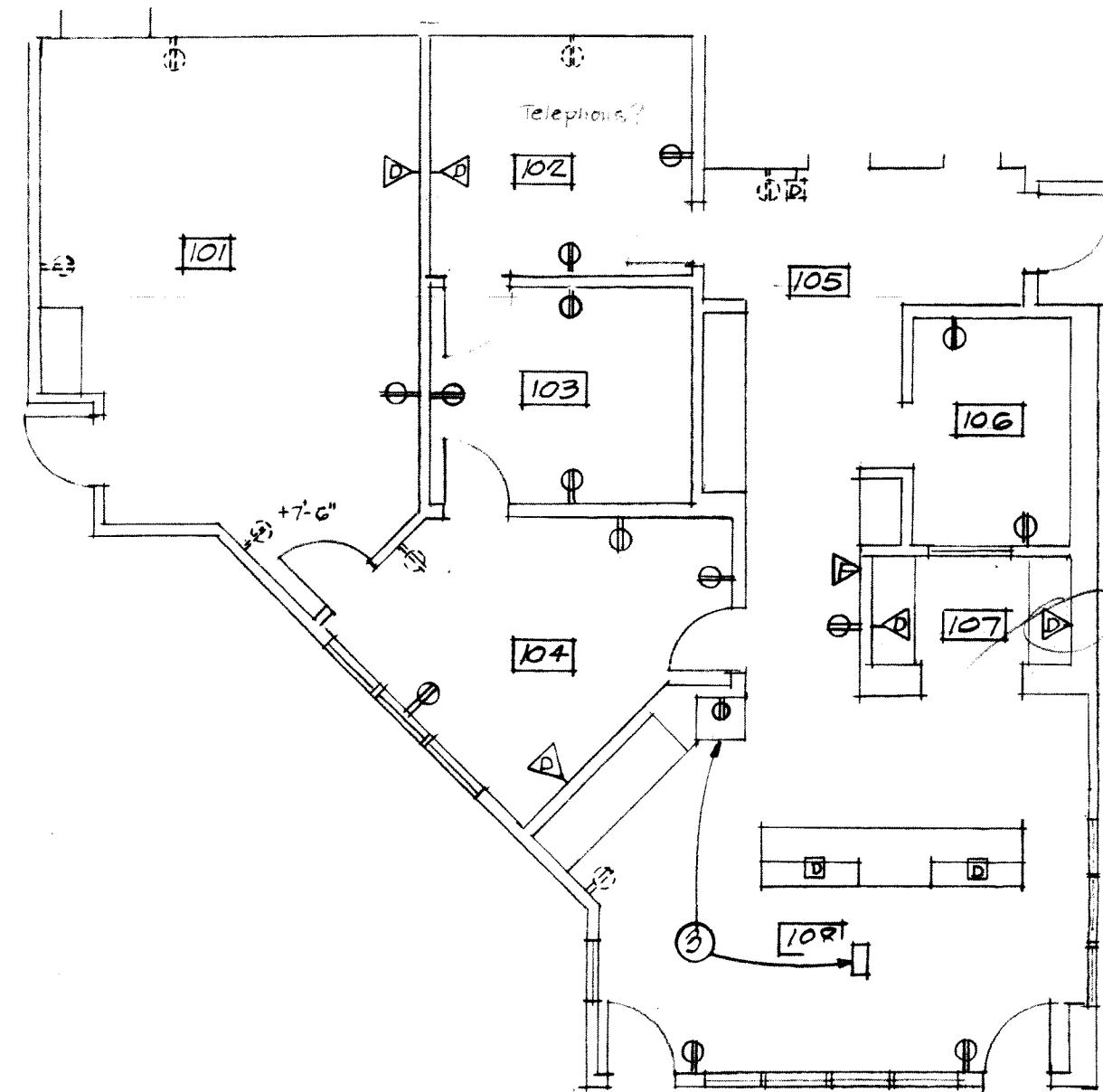
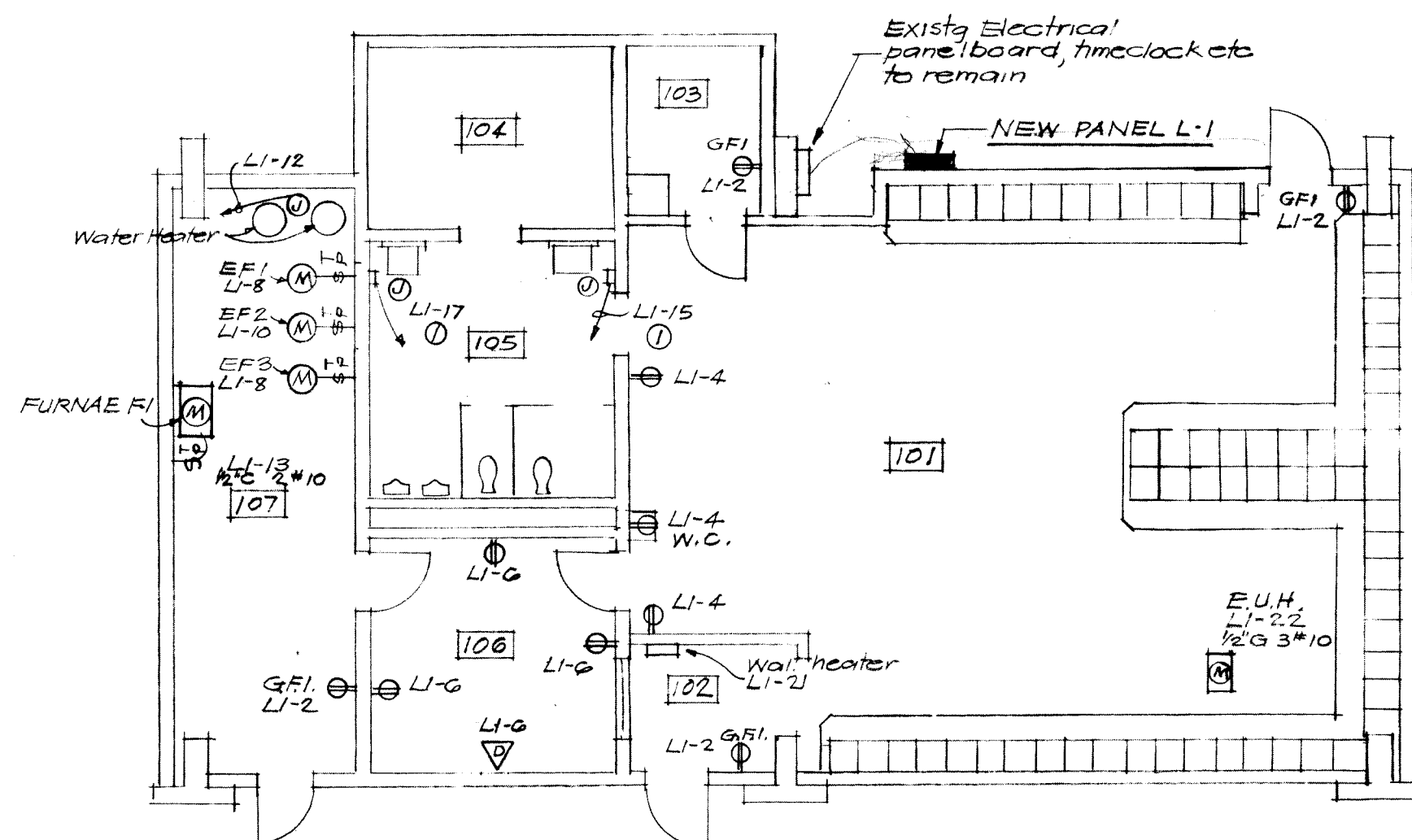




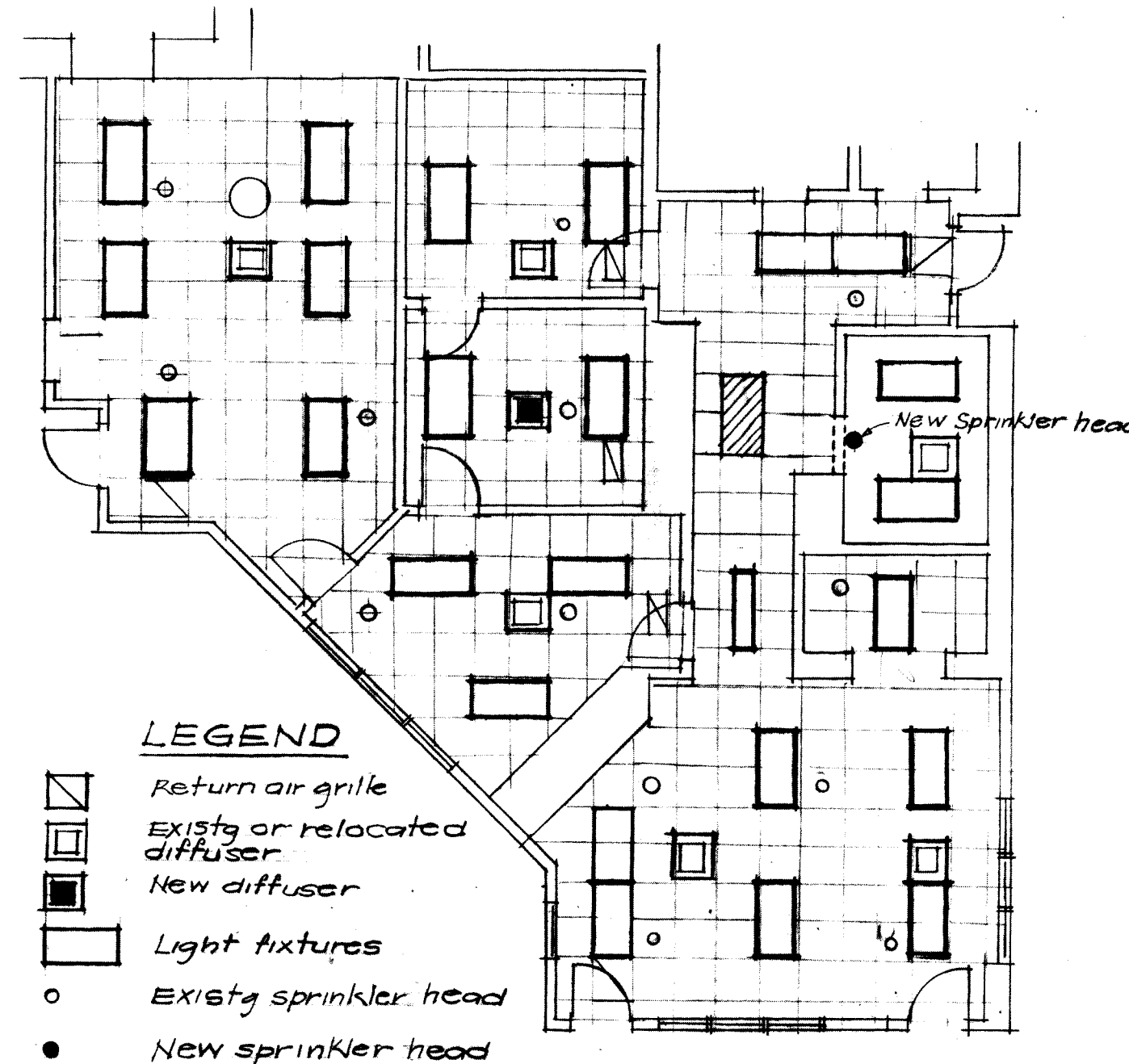
NEW KINDERGARTEN OFFICE POWER PLAN  
Scale 1/8" = 1'-0"

- NOTES: 1. Reconnect new receptacles to existing circuits serving this area. 2. Carefully remove all voice/video/data cables from existing outlets & route above ceiling for reinstallation. Verify new location with Architect/owner. 3. Relocate existing school intercom system. Provide terminal strip connections above ceiling for required cable extensions, reuse existing junction boxes.

| PANEL SCHEDULE      |       |                           |        |                                                                        |
|---------------------|-------|---------------------------|--------|------------------------------------------------------------------------|
| MARK & TYPE         | CKTS  | BREAKER FRAME SWITCH FUSE |        | REMARKS                                                                |
| L1                  | 1-12  | 1P 20                     | Q.O.B. | circuit breakers shall have a minimum 10,000 Amp interrupting capacity |
| N.G.O.D             | 13-15 | 1P 30                     | Q.O.B. |                                                                        |
| 120/208V, 3Ø        | 16-18 | 1P 20                     | Q.O.B. |                                                                        |
| 4W 100 Amp Main Lug | 19-20 | 1P space                  | Q.O.B. |                                                                        |
| Surface mounted     | 21    | 2P 15                     | Q.O.B. |                                                                        |
|                     | 22    | 2P 30                     | Q.O.B. |                                                                        |



ELECTRICAL NOTE: 1. Recessed Hand Dryer World Model XRAS 1/2" C, 2" x 10"  
NEW LOCKER ROOM POWER PLAN  
Scale 1/8" = 1'-0"



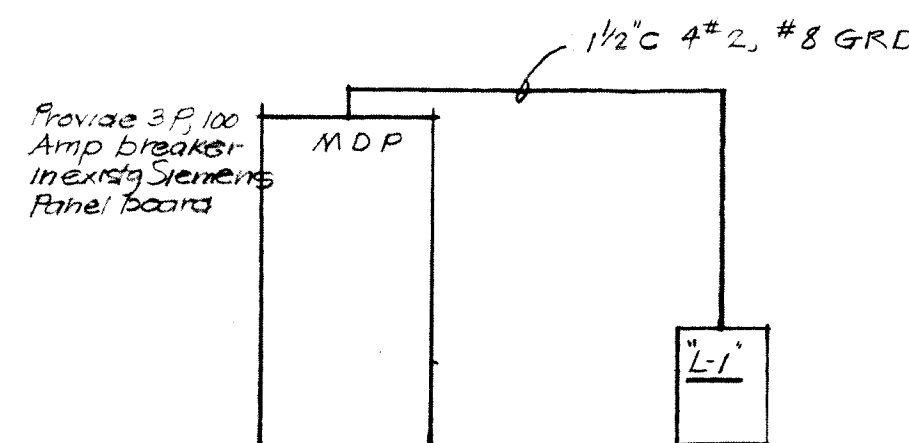
#### LEGEND

- Return air grille
- Existing or relocated diffuser
- New diffuser
- Light fixtures
- Existing sprinkler head
- New sprinkler head

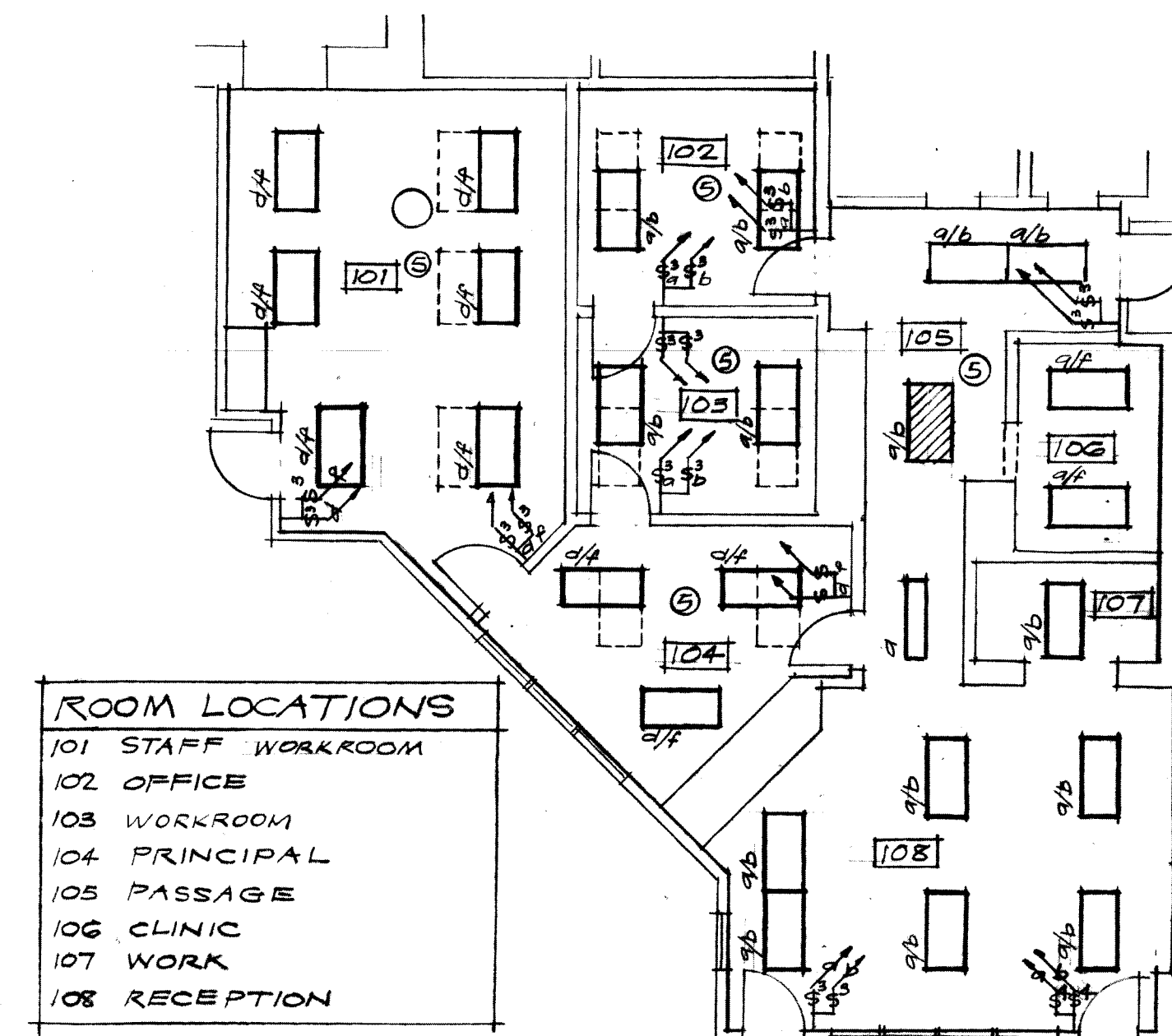
COMPOSITE LIGHTING, HVAC & SPRINKLERS  
NEW KINDERGARTEN OFFICE Scale 1/8" = 1'-0"

| ELECTRIC SYMBOL SCHEDULE |                                                                                                                              |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------|
| SYMBOL                   | DESCRIPTION                                                                                                                  |
| F-3                      | Fluorescent light fixture indicate type 'a' indicates switching                                                              |
| F-3/2                    | Fluorescent light fixture (Emergency/walk thru/security) F3 indicates fixture type                                           |
| K-3                      | Incandescent/high intensity discharge light fixture (Emergency/walk thru/security) K3 indicates fixture type                 |
| K-2                      | Exit sign ceiling mounted bar indicates face K2 indicates fixture type                                                       |
| 1a                       | 20 Amp rated 120/277 volt single pole switch (a indicates light fixture switching)                                           |
| 1b                       | 20 Amp rated 120/277 volt three way switch                                                                                   |
| 1c                       | Multiple switches ganged in multi-gang box with single cover plate                                                           |
| 1d                       | Manual motor starter with thermal overloads & pilot light                                                                    |
| 1e                       | 20 Amp rated 3 wire 125 volt grounding type duplex receptacle                                                                |
| 1f                       | 20 Amp rated 3 wire 125 volt grounding type duplex receptacle concealed behind water cooler (Verify exact height & location) |
| 1g                       | 20 Amp rated 3 wire 125 volt grounding type duplex receptacle & telephone                                                    |
| 1h                       | 20 Amp rated 3 wire 125 volt grounding type duplex receptacle & telephone (X indicates type see detail Note 2)               |
| 1i                       | Electric Panel/board                                                                                                         |
| 1j                       | Junction box-wall mounted (allow 4" of wire for connection)                                                                  |
| 1k                       | Motor                                                                                                                        |
| 1l                       | Speaker (ceiling mounted surface)                                                                                            |
| 1m                       | Fire alarm audio/visual unit                                                                                                 |
| 1n                       | Electrical cabinet heater/classroom unit ventilator fan coil unit heater                                                     |
| 1o                       | Electric unit heater                                                                                                         |
| 1p                       | G.F.I. Ground fault interrupter                                                                                              |

NOTES: 2. Route one 1/2" from device to point above accessible ceiling terminate conduit with bushing



PARTIAL POWER DISTRIBUTION DIAGRAM  
Not to Scale

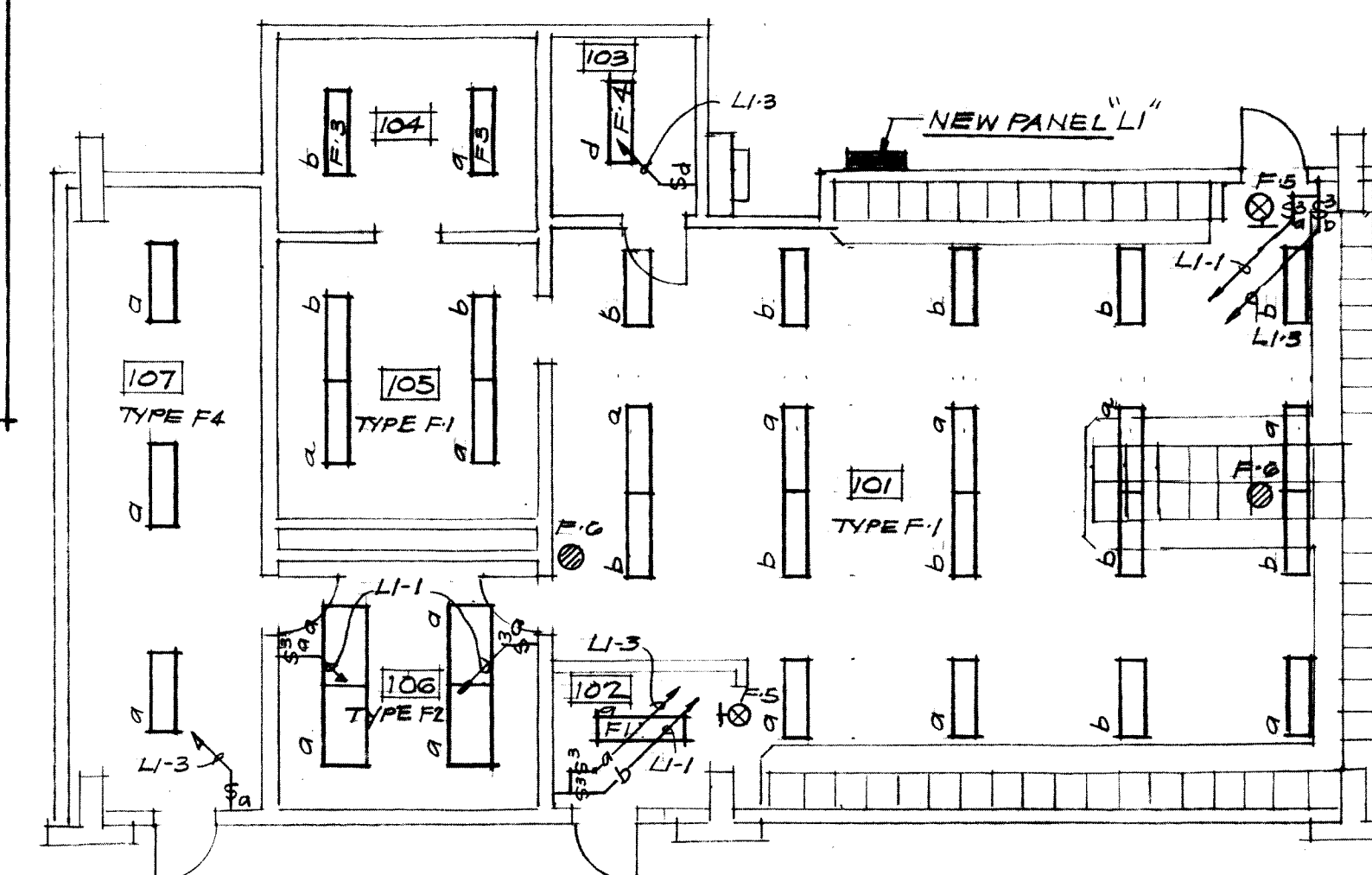


| ROOM LOCATIONS |                |
|----------------|----------------|
| 101            | STAFF WORKROOM |
| 102            | OFFICE         |
| 103            | WORKROOM       |
| 104            | PRINCIPAL      |
| 105            | PASSAGE        |
| 106            | CLINIC         |
| 107            | WORK           |
| 108            | RECEPTION      |

NEW KINDERGARTEN OFFICE LIGHTING PLAN  
Scale 1/8" = 1'-0"

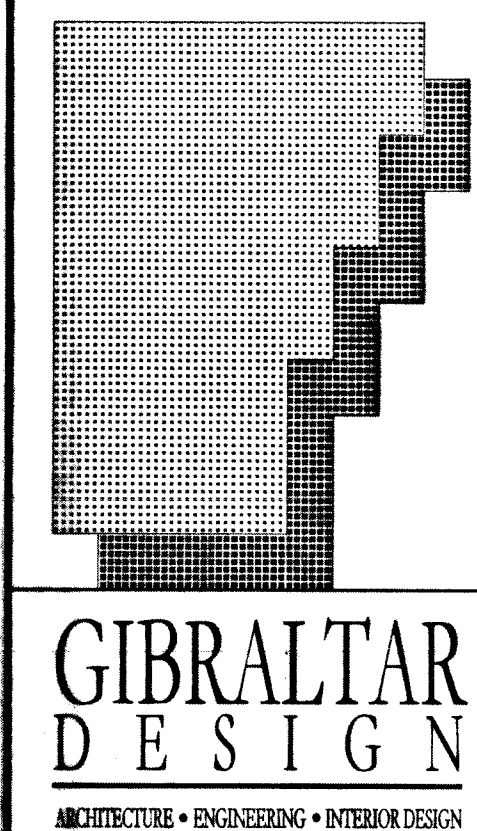
- NOTE: 1. Relocate existing light fixtures in the renovated area to new location shown. Turn unused lighting fixtures over to owner. Connect to new light switches & existing lighting circuits serving this area. Panel 1416.

| FLUORESCENT FIXTURE SCHEDULE |                                                                                                                   |                                                                                                                                                                                                    |
|------------------------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TYPE                         | MANUFACTURERS CATALOG NO.                                                                                         | DESCRIPTION                                                                                                                                                                                        |
| F1                           | Daybrite 15M 232 FS55 2x4 1/2 EB<br>Lithonia M232 AR 187 1/2 GEB PAF-FTC<br>Metalux MC232 HIA 2x4 EB 81           | 1x4 surface mounted type light fixture with framed high impact acrylic lens (0.187 minimum thickness) 120 volt ballast & two (2) 32 watt T8 lamps.                                                 |
| F2                           | Daybrite 2DG332 FS19 2x4 1/2 EB<br>Lithonia 2SPG 332-A 19 2x4 GEB LTC PAF<br>Metalux 2GC 332-A 19 2x4 GEB LTC PAF | 2x4 recessed mounted grid type light fixture with earthquake clips. Framed acrylic lens (0.150 minimum thickness) 120 volt ballast & three (3) 32 watt T8 lamps.                                   |
| F3                           | Daybrite 15M 232 FS55 2x4 1/2 EB<br>Lithonia M232 AR 187 1/2 GEB PAF-FTC<br>Metalux MC232 HIA 2x4 EB 81           | 1x4 surface mounted type light fixture, sealed, gasketed & UL labeled for wet location with framed high impact acrylic lens (0.187 minimum thickness) 120 volt ballast & two (2) 32 watt T8 lamps. |
| F4                           | Daybrite 1F232 PP 2x4 1/2 EB<br>Lithonia AF10-232 2x4 GEB<br>Metalux DIM 232 2x4 EB 81                            | 4" surface mounted industrial type light fixture with 120 volt ballast & two (2) 32 watt T8 lamps.                                                                                                 |
| F5                           | Emergi-Lite Ledp-1R 1x4 E1<br>Lithonia LES-1R-120/277<br>Sure-Lites Cax-G10000-R-XX                               | 120 volt surface mounted die cast aluminum exit sign with single red stencil face (arrows as indicated on the drawings) and led lamps.                                                             |
| F6                           | Emergi-Lite CSC-18-2H-120/277<br>Lithonia GELM2-NH 120/277<br>Sure-Lites SLC 120 H 120/277                        | 120 volt surface mounted two head emergency lighting unit with NiCad battery & two (2) 7-9 watt halogen lamps. Battery shall have a minimum 10 year warranty.                                      |



| ROOM LOCATION |             |
|---------------|-------------|
| 101           | LOCKER ROOM |
| 102           | VESTIBULE   |
| 103           | CUSTODIAN   |
| 104           | SHOWER      |
| 105           | TOILET      |
| 106           | OFFICE      |
| 107           | STORAGE     |

NEW LOCKER ROOM LIGHTING PLAN  
Scale 1/8" = 1'-0"



CONTINUATION OF  
**FACILITIES IMPROVEMENTS**  
LAWRENCE CENTRAL  
HIGH SCHOOL FOR  
MSD LAWRENCE TOWNSHIP

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DRAWN BY: JHS  
CHECKED BY: LRB

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REVISIONS:  
MARK DATE ISSUED FOR  
4.17.98 PLAN REVIEW

DRAWING

PROJECT:  
**FACILITIES IMPROVEMENTS AT  
LAWRENCE CENTRAL HIGH SCHOOL**

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