

**BRANCH PANEL: DP**

LOCATION: DATA & ELECTRICAL 120  
 SUPPLY FROM: ATS  
 MOUNTING: SURFACE  
 ENCLOSURE: Type 1

VOLTS: 120/208 Wye  
 PHASES: 3  
 WIRES: 4

A.I.C. RATING:  
 MAINS TYPE: MCB  
 MAINS RATING: 400 A  
 MCB RATING:

NOTES:

| CKT | CIRCUIT DESCRIPTION | WIRE  | TRIP | POLES   | A           | B        | C        | POLES    | TRIP  | WIRE  | CIRCUIT DESCRIPTION | CKT |
|-----|---------------------|-------|------|---------|-------------|----------|----------|----------|-------|-------|---------------------|-----|
| 1   | PANEL LAC           | 200 A | 3    | 15.5..  | 5.1 kVA     | 17.4 kVA | 3.9 kVA  | 3        | 100 A | 100 A | PANEL L1            | 2   |
| 3   | --                  | --    | --   | --      | --          | --       | --       | --       | --    | --    | --                  | 4   |
| 5   | --                  | --    | --   | --      | --          | 17.4 kVA | 5.0 kVA  | --       | --    | --    | --                  | 6   |
| 7   | PANEL L2            | 100 A | 3    | 8.0 kVA | 6.8 kVA     | 8.0 kVA  | 4.1 kVA  | 3        | 100 A | 100 A | PANEL L3            | 8   |
| 9   | --                  | --    | --   | --      | --          | --       | --       | --       | --    | --    | --                  | 10  |
| 11  | --                  | --    | --   | --      | --          | 7.2 kVA  | 4.2 kVA  | --       | --    | --    | --                  | 12  |
| 13  | FCU-1               | #12   | 25 A | 3       | 2.5 kVA     | 0.0 kVA  | --       | 2        | 20 A  | #12   | CU-1                | 14  |
| 15  | --                  | --    | --   | --      | --          | 2.5 kVA  | 0.0 kVA  | --       | --    | --    | --                  | 16  |
| 17  | --                  | --    | --   | --      | --          | 2.5 kVA  | --       | 1        | --    | --    | SPACE               | 18  |
| 19  | SPACE               | --    | 1    | --      | --          | --       | --       | 1        | --    | --    | SPACE               | 20  |
| 21  | EW-H-1              | #12   | 20 A | 2       | 1.3 kVA     | --       | --       | 1        | --    | --    | SPACE               | 22  |
| 23  | --                  | --    | --   | --      | --          | 1.3 kVA  | --       | 1        | --    | --    | SPACE               | 24  |
| 25  | SPACE               | --    | 1    | --      | --          | --       | --       | 1        | --    | --    | SPACE               | 26  |
| 27  | SPACE               | --    | 1    | --      | --          | --       | --       | 1        | --    | --    | SPACE               | 28  |
| 29  | SPACE               | --    | 1    | --      | --          | --       | --       | 1        | --    | --    | SPACE               | 30  |
| 31  | SPACE               | --    | 1    | --      | --          | --       | --       | 1        | --    | --    | SPACE               | 32  |
| 33  | SPACE               | --    | 1    | --      | --          | --       | --       | 1        | --    | --    | SPACE               | 34  |
| 35  | SPACE               | --    | 1    | --      | --          | --       | --       | 1        | --    | --    | SPACE               | 36  |
| 37  | SPACE               | --    | 1    | --      | 0.0 kVA     | --       | --       | 3        | 30 A  | SPD1  | 38                  |     |
| 39  | SPACE               | --    | 1    | --      | 0.0 kVA     | --       | --       | --       | --    | --    | 40                  |     |
| 41  | SPACE               | --    | 1    | --      | 0.0 kVA     | --       | --       | --       | --    | --    | 42                  |     |
|     |                     |       |      |         | TOTAL LOAD: | 37826 VA | 37149 VA | 37588 VA |       |       |                     |     |
|     |                     |       |      |         | TOTAL AMPS: | 316 A    | 310 A    | 314 A    |       |       |                     |     |

LEGEND:

| LOAD CLASSIFICATION | CONNECTED LOAD | DEMAND FACTOR | ESTIMATED DEMAND | PANEL TOTALS                 |
|---------------------|----------------|---------------|------------------|------------------------------|
| HVAC                | 57928 VA       | 100.00%       | 57928 VA         |                              |
| Lighting            | 5476 VA        | 125.00%       | 6844 VA          | TOTAL CONN. LOAD: 112663 VA  |
| Lighting - Exterior | 1480 VA        | 125.00%       | 1850 VA          | TOTAL EST. DEMAND: 109492 VA |
| Power               | 28060 VA       | 100.00%       | 28060 VA         | TOTAL CONN.: 312 A           |
| Receptacle          | 19620 VA       | 75.48%        | 14810 VA         | TOTAL EST. DEMAND: 304 A     |

NOTES:

**BRANCH PANEL: LAC**

LOCATION: DATA & ELECTRICAL 120  
 SUPPLY FROM: DP  
 MOUNTING: SURFACE  
 ENCLOSURE: Type 1

VOLTS: 120/208 Wye  
 PHASES: 3  
 WIRES: 4

A.I.C. RATING:  
 MAINS TYPE: MLO  
 MAINS RATING: 200 A  
 MCB RATING:

NOTES:

| CKT | CIRCUIT DESCRIPTION | WIRE | TRIP | POLES | A           | B        | C        | POLES    | TRIP    | WIRE | CIRCUIT DESCRIPTION | CKT   |      |    |
|-----|---------------------|------|------|-------|-------------|----------|----------|----------|---------|------|---------------------|-------|------|----|
| 1   | FCU-2               | #12  | 25 A | 3     | 2.5 kVA     | 0.0 kVA  | 2.5 kVA  | 0.0 kVA  | 2       | 20 A | #12                 | CU-2  | 2    |    |
| 3   | --                  | --   | --   | --    | --          | --       | --       | --       | --      | --   | --                  | 4     | 4    |    |
| 5   | --                  | --   | --   | --    | --          | 2.5 kVA  | 0.0 kVA  | 2.5 kVA  | 0.0 kVA | 2    | 20 A                | #12   | CU-3 | 6  |
| 7   | FCU-3               | #10  | 30 A | 3     | 3.5 kVA     | 0.0 kVA  | 3.5 kVA  | 0.0 kVA  | 2       | 20 A | #12                 | CU-4  | 8    |    |
| 9   | --                  | --   | --   | --    | --          | 3.5 kVA  | 0.0 kVA  | 3.5 kVA  | 0.0 kVA | 2    | 20 A                | #12   | CU-5 | 10 |
| 11  | --                  | --   | --   | --    | --          | --       | --       | --       | --      | --   | --                  | 12    | 12   |    |
| 13  | FCU-4               | #12  | 25 A | 3     | 2.5 kVA     | 0.0 kVA  | 2.5 kVA  | 0.0 kVA  | 2       | 20 A | #12                 | CU-6  | 14   |    |
| 15  | --                  | --   | --   | --    | --          | 2.5 kVA  | 0.0 kVA  | 2.5 kVA  | 0.0 kVA | 2    | 20 A                | #12   | CU-7 | 16 |
| 17  | --                  | --   | --   | --    | --          | 2.5 kVA  | --       | 1        | --      | --   | SPACE               | 18    | 18   |    |
| 19  | FCU-5               | #10  | 30 A | 3     | 3.5 kVA     | 0.0 kVA  | 3.5 kVA  | 0.0 kVA  | 2       | 20 A | #12                 | CU-8  | 20   |    |
| 21  | --                  | --   | --   | --    | --          | 3.5 kVA  | 0.0 kVA  | 3.5 kVA  | 0.0 kVA | 2    | 20 A                | #12   | CU-9 | 22 |
| 23  | --                  | --   | --   | --    | --          | 3.5 kVA  | 0.0 kVA  | 3.5 kVA  | 0.0 kVA | 1    | --                  | SPACE | 24   | 24 |
| 25  | FCU-6               | #10  | 30 A | 3     | 3.5 kVA     | --       | 3.5 kVA  | --       | 1       | --   | SPACE               | 26    | 26   |    |
| 27  | --                  | --   | --   | --    | --          | 3.5 kVA  | --       | 1        | --      | --   | SPACE               | 28    | 28   |    |
| 29  | --                  | --   | --   | --    | --          | 3.5 kVA  | --       | 1        | --      | --   | SPACE               | 30    | 30   |    |
| 31  | SPACE               | --   | 1    | --    | --          | --       | --       | 1        | --      | --   | SPACE               | 32    | 32   |    |
| 33  | FCU-7               | #12  | 20 A | 2     | 2.0 kVA     | --       | 2.0 kVA  | --       | 1       | --   | SPACE               | 34    | 34   |    |
| 35  | --                  | --   | --   | --    | --          | --       | 2.0 kVA  | --       | 1       | --   | SPACE               | 36    | 36   |    |
| 37  | SPACE               | --   | 1    | --    | 0.0 kVA     | --       | 0.0 kVA  | --       | 3       | 30 A | SPD2                | 38    | 38   |    |
| 39  | SPACE               | --   | 1    | --    | 0.0 kVA     | --       | 0.0 kVA  | --       | --      | --   | 40                  | 40    | 40   |    |
| 41  | SPACE               | --   | 1    | --    | 0.0 kVA     | --       | 0.0 kVA  | --       | --      | --   | 42                  | 42    | 42   |    |
|     |                     |      |      |       | TOTAL LOAD: | 15473 VA | 17449 VA | 17449 VA |         |      |                     |       |      |    |
|     |                     |      |      |       | TOTAL AMPS: | 129 A    | 148 A    | 148 A    |         |      |                     |       |      |    |

LEGEND:

| LOAD CLASSIFICATION | CONNECTED LOAD | DEMAND FACTOR | ESTIMATED DEMAND | PANEL TOTALS                |
|---------------------|----------------|---------------|------------------|-----------------------------|
| HVAC                | 50371 VA       | 100.00%       | 50371 VA         |                             |
|                     |                |               |                  | TOTAL CONN. LOAD: 50371 VA  |
|                     |                |               |                  | TOTAL EST. DEMAND: 50371 VA |
|                     |                |               |                  | TOTAL CONN.: 140 A          |
|                     |                |               |                  | TOTAL EST. DEMAND: 140 A    |

NOTES:

**BRANCH PANEL: L1**

LOCATION: DATA & ELECTRICAL 120  
 SUPPLY FROM: DP  
 MOUNTING: SURFACE  
 ENCLOSURE: Type 1

VOLTS: 120/208 Wye  
 PHASES: 3  
 WIRES: 4

A.I.C. RATING:  
 MAINS TYPE: MLO  
 MAINS RATING: 100 A  
 MCB RATING:

NOTES:

| CKT | CIRCUIT DESCRIPTION        | WIRE | TRIP | POLES   | A           | B       | C       | POLES   | TRIP  | WIRE  | CIRCUIT DESCRIPTION   | CKT |
|-----|----------------------------|------|------|---------|-------------|---------|---------|---------|-------|-------|-----------------------|-----|
| 1   | DRIVE THRU CANOPY LIGHTS * | #12  | 20 A | 1       | 0.2 kVA     | 0.2 kVA | --      | 1       | 20 A  | #12   | LIGHTING              | 2   |
| 3   | LIGHTING - EXTERIOR *      | #12  | 20 A | 1       | 0.1 kVA     | 1.1 kVA | --      | 1       | 20 A  | #12   | LIGHTING              | 4   |
| 5   | SIGN *                     | #12  | 20 A | 1       | --          | 1.2 kVA | 0.5 kVA | 1       | 20 A  | #12   | LIGHTING              | 6   |
| 7   | SIGN *                     | #12  | 20 A | 1       | 1.2 kVA     | 0.9 kVA | --      | 1       | 20 A  | #12   | LIGHTING              | 8   |
| 9   | SIGN *                     | #12  | 20 A | 1       | 1.2 kVA     | 1.0 kVA | --      | 1       | 20 A  | #12   | LIGHTING              | 10  |
| 11  | TOWER LIGHTS *             | #12  | 20 A | 1       | 0.0 kVA     | 1.5 kVA | --      | 1       | 20 A  | #12   | LANE LIGHTS           | 12  |
| 13  | SIGN *                     | #10  | 20 A | 1       | 1.0 kVA     | 0.2 kVA | --      | 1       | 20 A  | #12   | LIGHTING ATTIC        | 14  |
| 15  | SPARE                      | --   | 20 A | 1       | 0.0 kVA     | 0.5 kVA | --      | 1       | 20 A  | #10   | LIGHTING - EXTERIOR * | 16  |
| 17  | SIGN *                     | #12  | 20 A | 1       | 1.2 kVA     | 0.5 kVA | --      | 1       | 20 A  | #10   | LIGHTING - EXTERIOR * | 18  |
| 19  | SIGN *                     | #12  | 20 A | 1       | 1.2 kVA     | 0.2 kVA | --      | 1       | 20 A  | #12   | LIGHTING - EXTERIOR * | 20  |
| 21  | SPARE                      | 20 A | 1    | --      | 0.0 kVA     | 0.0 kVA | --      | 1       | 20 A  | SPARE | 22                    | 22  |
| 23  | SPARE                      | 20 A | 1    | --      | 0.0 kVA     | 0.0 kVA | --      | 1       | 20 A  | SPARE | 24                    | 24  |
| 25  | SPARE                      | 20 A | 1    | 0.0 kVA | 0.0 kVA     | --      | 1       | 20 A    | SPARE | 26    | 26                    |     |
| 27  | SPARE                      | 20 A | 1    | 0.0 kVA | 0.0 kVA     | --      | 1       | 20 A    | SPARE | 28    | 28                    |     |
| 29  | SPARE                      | 20 A | 1    | 0.0 kVA | 0.0 kVA     | --      | 1       | 20 A    | SPARE | 30    | 30                    |     |
| 31  | SPARE                      | 20 A | 1    | 0.0 kVA | 0.0 kVA     | --      | 1       | 20 A    | SPARE | 32    | 32                    |     |
| 33  | SPARE                      | 20 A | 1    | 0.0 kVA | 0.0 kVA     | --      | 1       | 20 A    | SPARE | 34    | 34                    |     |
| 35  | SPARE                      | 20 A | 1    | 0.0 kVA | 0.0 kVA     | --      | 1       | 20 A    | SPARE | 36    | 36                    |     |
| 37  | SPARE                      | 20 A | 1    | 0.0 kVA | 0.0 kVA     | --      | 3       | 30 A    | SPD2  | 38    | 38                    |     |
| 39  | SPARE                      | 20 A | 1    | 0.0 kVA | 0.0 kVA     | --      | --      | --      | --    | --    | 40                    | 40  |
| 41  | SPARE                      | 20 A | 1    | 0.0 kVA | 0.0 kVA     | --      | --      | --      | --    | --    | 42                    | 42  |
|     |                            |      |      |         | TOTAL LOAD: | 5074 VA | 3911 VA | 4971 VA |       |       |                       |     |
|     |                            |      |      |         | TOTAL AMPS: | 44 A    | 33 A    | 43 A    |       |       |                       |     |

LEGEND:

| LOAD CLASSIFICATION | CONNECTED LOAD | DEMAND FACTOR | ESTIMATED DEMAND | PANEL TOTALS                |
|---------------------|----------------|---------------|------------------|-----------------------------|
| Lighting            | 5476 VA        | 125.00%       | 6844 VA          |                             |
| Lighting - Exterior | 1480 VA        | 125.00%       | 1850 VA          | TOTAL CONN. LOAD: 13966 VA  |
| Power               | 7000 VA        | 100.00%       | 7000 VA          | TOTAL EST. DEMAND: 15694 VA |
|                     |                |               |                  | TOTAL CONN.: 39 A           |
|                     |                |               |                  | TOTAL EST. DEMAND: 44 A     |

NOTES:

\* - EXTERIOR LIGHTING CONTROL:  
 AUTO OFF WHEN DAYLIGHT AVAILABLE. FACADE, LANDSCAPE LIGHTS AUTO OFF WITH FUNCTION OF DUSK/DOWN AND OPEN CLOSE TIME.  
 REDUCE LIGHTING => 30% NO LATER THAN MIDNIGHT TO 6am, ONE HOUR AFTER CLOSING TO ONE HOUR BEFORE OPENING, OR WHEN NO ACTIVITY FOR > 15 MINUTES.  
 PROVIDE 20A POWER PACK(S) AS REQUIRED.

**LIGHTING FIXTURE SCHEDULE**

| MARK | DESCRIPTION                                     | MOUNTING | LAMPS/WATTS | TYPE | VOLTS | REMARKS   |
|------|---|----------|-------------|------|-------|---|
| A1   | WILLIAMS #FT-24-LS-8CS-AF-DIM-UNV               | RECESSED | 48          | LED  | UNV   |   |
| A1E  | WILLIAMS #LT-24-LS-8CS-AF-DIM-UNV-EM10W         | RECESSED | 48.5        | LED  | UNV   | WITH 90 MINUTE BATTERY BACKUP                         |
| A2   | WILLIAMS #FT-24-LS-8CS-AF-DIM-UNV               | RECESSED | 39          | LED  | UNV   |   |
| A2E  | WILLIAMS #FT-24-LS-8CS-AF-DIM-UNV-EM10W         | RECESSED | 39          | LED  | UNV   | WITH 90 MINUTE BATTERY BACKUP                         |
| A3   | WILLIAMS #FT-24-LS-8CS-AF-DIM-UNV               | RECESSED | 27          | LED  | UNV   |   |
| A3E  | WILLIAMS #FT-24-LS-8CS-AF-DIM-UNV-EM10W         | RECESSED | 27          | LED  | UNV   | WITH 90 MINUTE BATTERY BACKUP                         |
| A4   | WILLIAMS #50G-S24-L33835-SAF12125-DIM-UNV       | RECESSED | 24.9        | LED  | UNV   |   |
| A4E  | WILLIAMS #50G-S24-L33835-SAF12125-DIM-UNV-EM10W | RECESSED | 24.9        | LED  | UNV   | WITH 90 MINUTE BATTERY BACKUP                         |
| B1   | WILLIAMS #FT-22-LC-8CS-AF-DIM-UNV               | RECESSED | 33          | LED  | UNV   |   |
| B1E  | WILLIAMS #FT-22-LC-8CS-AF-DIM-UNV-EM10W         | RECESSED | 33          | LED  | UNV   | WITH 90 MINUTE BATTERY BACKUP                         |
| B2E  | WILLIAMS #FT-22-LC-8CS-AF-DIM-UNV-EM10W         | RECESSED | 24          | LED  | UNV   | WITH 90 MINUTE BATTERY BACKUP                         |
| D    | WILLIAMS #4FDR-LS-8CS-CS-DIM-UNV                | RECESSED | 14          | LED  | UNV   |   |
| DE   | WILLIAMS #4FDR-LS-8CS-CS-DIM-UNV-EM10W          | RECESSED | 14          | LED  | UNV   | WITH 90 MINUTE BATTERY BACKUP                         |
| E    | PENDANT TO BE SELECTED                          | PENDANT  | 4-100       | LED  | UNV   |   |
| H    | INVISILED PRO 3 RLED-TE24-30-XX-WT              | SURFACE  | 5W/FT       | LED  | UNV   | COORDINATE THE NUMBER OF DRIVERS PER LENGTH OF LIGHT. |
| J    | SLG #TSS-4-30/40/50-G1-FSK                      | SURFACE  | 40          | LED  | UNV   |   |
| UC   | RAB LIGHTING #KNOOKFA-24-3500K-W-120            | SURFACE  | 17          | LED  | UNV   |   |
| UC2  | RAB LIGHTING #KNOOKFA-32-3500K-W-120            | SURFACE  | 11          | LED  | UNV   |   |
| X    | COMPASS #CEG                                    | SURFACE  | 1.5         | LED  | UNV   | WITH 90 MINUTE BATTERY BACKUP                         |
| DW   | Halo #HC615D010-HM60525840-61MDH                | RECESSED | 28          | LED  | UNV   |   |
| DWE  | Halo HC615D010-HM60525840-61MDH                 | RECESSED | 28          | LED  | UNV   | * WITH 90 MINUTE BATTERY BACKUP                       |
| P3   | MCGRAW EDISON #GALN-SAAD-740-U-T3-LS-HSS        | 25' POLE | 245         | LED  | UNV   |   |
| P4WA | MCGRAW EDISON #GALN-SAAD-740-U-T4W-LS-HSS       | 25' POLE | 245         | LED  | UNV   |   |
| P4WB | MCGRAW EDISON #GALN-SAAD-740-U-T4W              | 25' POLE | 245         | LED  | UNV   |   |
| WP   | McGraw Edison #GKO-PB2B-740-U-T4W               | SURFACE  | 60          | LED  | UNV   |   |
| WPZE | McGraw Edison #GKO-PB2B-740-U-T4W               | SURFACE  | 60          | LED  | UNV   | * WITH 90 MINUTE BATTERY BACKUP                       |

\* - EXTERIOR LIGHTING CONTROL:  
 AUTO OFF WHEN DAYLIGHT AVAILABLE. FACADE, LANDSCAPE LIGHTS AUTO OFF WITH FUNCTION OF DUSK/DOWN AND OPEN CLOSE TIME.  
 REDUCE LIGHTING => 30% NO LATER THAN MIDNIGHT TO 6am, ONE HOUR AFTER CLOSING TO ONE HOUR BEFORE OPENING, OR WHEN NO ACTIVITY FOR > 15 MINUTES.  
 PROVIDE 20A POWER PACK(S) AS REQUIRED.



ARCHITECTURE PLANNING INTERIOR DESIGN

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 HOUSTON, TEXAS 77084  
 713-465-4650  
 www.sligroup.com



26620 FM 1093 RD  
 KATY, TEXAS 77404

Project Number : 8925

| ISSUED FOR CLIENT APPROVAL | DATE |
|----------------------------|------|
| ISSUED FOR BIDDING         |      |
| ISSUED FOR PERMIT          |      |
| ISSUED FOR CONSTRUCTION    |      |

**REVISIONS**

| MARK | DESCRIPTION   | DATE       |
|------|---------------|------------|
|      | ISSUE FOR BID | 04/07/2026 |
| A    | ADDENDUM 1    | 04/23/2026 |

The information, ideas, designs, details, layouts, techniques, features, arrangements, plans, sequences, dimensions, allowances, tolerances, conceptions, specifications, intentions, technology or embodiments, as illustrated, arranged, displayed, noted, recorded, indicated, represented, evidenced, detailed or otherwise reduced to tangible form herein, either expressly, inherently or by implication, are the confidential and proprietary information of SLI Design, Inc., and shall not be used for any purpose other than the specific project or undertaking identified on the drawing title block or legend for which they are and have been prepared by SLI Design, Inc. Any other reproduction, disclosure or use of any portion of the confidential and proprietary information of SLI Design, Inc., shall be a breach of the obligation of confidence created by the acceptance of this drawing from SLI Design, Inc. for a specific project or Contract. Any copying, duplicating, reproducing, utilizing, alteration, modification, revision or change to this drawing is