



Child Start – 2<sup>nd</sup> Street  
1510 E. 2<sup>nd</sup> Street  
Wichita, KS 67214

WDM PROJECT NO.: 23016

## **ADDENDUM 02**

Issue Date: February 9, 2024

The original Project Manual and Drawings dated January 24, 2024, for the Project noted above, are amended as indicated on this Addendum. Information provided in this Addendum shall be considered as a portion of the Contract Documents for the referenced Project and the contained information shall supersede all prior documentation. No form of verbal or other forms of written instructions, interpretations, additions, deletions, corrections, or clarifications made by the Owner, the Architect or the Engineer shall be used by the Bidders.

This Addendum consists of 02 pages and drawings covering comments from MABCD, OSFM & Contractors.

Acknowledge receipt of this Addendum within the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

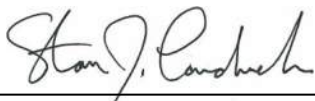
### **ITEM NO.      DESCRIPTIONS**

#### **BIDDING QUESTIONS: –**

- ADD 02-1      Where is the Davis-Bacon wage link located? **The link to the Davis-Bacon wage rates is in the Invitation to Bid in the Spec Book.**
- ADD 02-2      Which Delta Numbers apply to Addendum #2? **Delta's #1 (MABCD Comments), #2 (OSFM Comments) & Delta #3 (Addendum #2) are all a part of Addendum #2.**
- ADD 02-3      Who is responsible for getting permission from the City of Wichita for alterations to the city sidewalk at door #102 & paving of the existing gravel ally which is a part of Alternate #1? **MABCD has asked WDM to seek and acquire permission for the City of Wichita Engineering Department for said permission prior to receiving a building permit. The City of Wichita Engineering Department has been contacted and permission is in process.**
- ADD 02-4      Are any temporary walls & doors required? **OSFM has reviewed the project and will require a temporary 1 hour wall & door between the new construction area & the existing areas of the building. A temporary wall & door have been shown on Floor Plan Sheet A-102 next to the New Resource Area #106.**
- ADD 02-5      What is to be done with existing children's plumbing fixtures to be removed? **Existing fixtures to be removed are to be returned to the owner. Refer to Keyed Note #2.04.**

- ADD 02-6     What changes have occurred to the kitchenette casework? **MABCD required a change to the elevation on 3/A-102. The height of 34" is to the rim of the sink. The counter and backsplash finish material has been changed to plastic laminate. Refer to Keyed Note #6.04 for finish information.**
- ADD 02-7     What changes have been made to door 102? **Door #102 has been determined not to be a required exit and the door now swings inward. However, the outside landing is still required and will need to be flush with the interior floor. The sidewalk will be required to route around the landing by the City of Wichita Engineering Department. Remove the brick as required to install the new sidewalk.**
- ADD 02-8     Glazing on both jambs of door #102 will be required to be safety glazing. **MABCD is requiring the glazing on both jambs of door #102 to be safety glazing. Reference Addendum 01, ADD 01-10 for the strike jamb. The hinge jamb glazing will be the same on the south side of the door.**
- ADD 02-9     Lighting changes? **MABCD is requiring light fixture WIE (wall pack) above door #102 to have a back-up battery pack. Reference revised detail A/E-301.**
- ADD 02-10    Alternate Lighting Package. **Additional acceptable lighting package from C&O Sales is attached to this addendum.**

Issued by the Architect:



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Stan J. Landwehr AIA – Principal

**END OF ADDENDUM 02**



**Date: Feb 1, 2024**

Phone:  
Fax:

Job Name  
**CHILD START ON SECOND STREET A REMODEL**  
COSKS24-41366  
WICHITA KS

Bid Date  
Jan 31, 2024

Submittal Date  
Feb 1, 2024


*Architect:*  
WDM ARCHITECTS  
105 N WASHINGTON AVE  
WICHITA KS 67202

*Engineer:*  
MKEC ENGINEERING  
411 N WEBB ROAD  
WICHITA KS 67206

**RE:** CHILD START ON SECOND STREET A REMODEL  
WICHITA KS

Type	MFG	Part
A1	DAY-BRITE	2SBP3550L8CS-4-UN3-DIM CFFSF24
B1	ADVANTAGE ENVIRONMENTAL LI	BTWC-4-35-1L-M-PA125-RSW
E1	LSI INDUSTRIES INC	LTEM WH SD2
W1E	LSI INDUSTRIES INC	WPSLL LED 6L UNV DIM 50 BZA CWBB Large LED Slim Wall Pack (WPSLL)
X1	LSI INDUSTRIES INC	LPRX R U WH LD11 SD2

Submitted by



Job Name:

CHILD START ON SECOND STREET A REMODEL  
Architect: WDM ARCHITECTS (WICHITA)  
Engineer: MKEC ENGINEERING (WICHITA)

Catalog Number:

2SBP3550L8CS-4-UN3-DIM  
CFFSF24  
Notes:

Type:

A1  
COSKS24-41366

Day-Brite



CFI

by Signify

Recessed

Selectable backlit panel (SBP)

Selectable lumens & CCT



Day-Brite/CFI Selectable backlit panel is a highly versatile luminaire designed to provide three lumen and three CCT packages per size. Available for use in recessed and surface mount applications, the SBP is a versatile luminaire that is ideal for general lighting applications such as open office, schools, healthcare, and retail.

Project:


Location:

Cat.No:


Type:

Lamps: Qty:


Notes:



Lumen Select Switch



CCT Select Switch



UN3  
Universal 120-347V

Catalog Code	Size	Voltage	Power / Wattage			Lumens			Efficacy		
			3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
1SBP3040L8CS-4-UN3-DIM	1x4'	Universal 120-347	31	29	30	3483	3640	3464	114	125	114
			34	33	34	3841	4047	3824	112	123	111
			37	36	39	4293	4443	4167	117	122	108
2SBP3040L8CS-2-UN3-DIM	2x2'	Universal 120-347	30	28	30	3260	3434	3296	110	121	111
			33	32	33	3597	3819	3641	108	119	109
			39	36	37	4247	4207	4006	110	117	107
2SBP3550L8CS-4-UN3-DIM	2x4'	Universal 120-347	34	33	35	4138	4260	4149	121	128	119
			38	37	39	4570	4718	4566	119	127	117
			51	47	50	5697	5847	5548	111	124	110

Accessories (order separately)

• FMA14FP – 1'x4' "F" mounting frame for NEMA "F" mounting

• FMA22 – 2'x2' "F" mounting frame for NEMA "F" mounting

• FMA24 – 2'x4' "F" mounting frame for NEMA "F" mounting

• FSK22 – 2'x2' surface mount field installation kit(factory welded seams)



• FSK24 – 2'x4' surface mount field installation kit (factory welded seams)

• CFFSF14 – 1'x4' surface mount field assembly kit (field assembled)

• CFFSF22 – 2'x2' surface mount field assembly kit (field assembled)

• CFFSF24 – 2'x4' surface mount field assembly kit (field assembled)


Selectable\_backlit\_panel\_CA 03/21 page 1 of 5



Submitted On: Feb 1, 2024

1/5

Index Page

Submitted by 	<b>Job Name:</b> CHILD START ON SECOND STREET A REMODEL Architect: WDM ARCHITECTS (WICHITA) Engineer: MKEC ENGINEERING (WICHITA)	<b>Catalog Number:</b> 2SBP3550L8CS-4-UN3-DIM CFFSF24 Notes:	<b>Type:</b> A1 COSKS24-41366
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# 1SBP/2SBP    Selectable backlit panel

## Selectable lumens and CCT

### Application

- Overall 1-1/2" deep luminaire, including driver box, provides minimal intrusion into the plenum space
- Even distribution of light on the lens provides exceptionally low glare gradient minimizing distractions at the ceiling plane
- General light distribution creates uniform horizontal and vertical illuminance on the work plane and limits scalloping on the walls
- Excellent consistency of correlated colour temperature (CCT) per ANSI C78.377
- CRI 80 minimum colour rendering with balanced spectrum
- Designed for use with standard Grid (NEMA "G") or Narrow Grid (NEMA "NFG") ceiling T-bars — Drywall or plaster application require use with the FMA "F" mounting frame accessory (sold and shipped separately)
- Accessory field install kits available for surface (FSK and FSF) mounting

### Construction/Finish

- Extruded aluminum frame post painted with gloss white enamel finish — Corners are precision welded for seamless aesthetic
- Die formed driver box with standard access plate for ease of wiring, provides tool-free access to driver(s) from above
- Back lit LED arrays with optics provide highly efficient and unpixelated transfer of light to the lens
- Integral clips accommodate definitive attachment to T-bar grid for recessed applications
- Die formed surface box accessory kit post painted gloss white enamel

### Field Selectable CCT and Wattage

- CCT can easily be selected in the field between 5000K(CW) / 4000K(NW) / 3500K(WW)
- Wattage selection allows for easy field selection between three lumen packages (see performance chart for details)



### Enclosure

- Acrylic diffuser provides visual comfort and high efficiency
- Flat opal lens is easy to clean and provides a uniform aesthetic on the ceiling plane
- Tight enclosure assembly impedes ingress of dust and insects

### Electrical

- Up to 128 lm/W efficacy
- Driver featuring high power factor (>0.90), 120~347V 60/50Hz, and less than 15% THD
- Minimum start temperature -20°C (-4°F)
- Standard configurations are 0-10V dimming to 5%
- Electromagnetic interference (EMI) compliant to FCC Title 47 Part 15 class A
- Flicker and stroboscopic effect compliant to NEMA 77-2017
- TM-21 predicted L70 lumen maintenance up to 67,000 hours per LED manufacturer LM-80 report
- cULus listed to UL and CSA standards, suitable for damp locations
- Non-IC rated
- Selectable backlit panel luminaires are Designlights Consortium® qualified. Please see the DLC QPL list for exact catalogue numbers [www.designlights.org/QPL](http://www.designlights.org/QPL).

### General Notes

- All accessories are field installed
- Many luminaire components, such as reflectors, refractors, lenses, sockets, lampholders, and LEDs are made from various types of plastics which can be adversely affected by airborne contaminants — If sulfur based chemicals, petroleum based products, cleaning solutions, or other contaminants are expected in the intended area of use, consult factory for compatibility
- Five year limited luminaire warranty includes LED boards and driver — Visit [www.signify.com/warranties](http://www.signify.com/warranties) for complete warranty information

**Job Name:**
 CHILD START ON SECOND STREET A  
 REMODEL  
 Architect: WDM ARCHITECTS (WICHITA)  
 Engineer: MKEC ENGINEERING (WICHITA)
**Catalog Number:**
 2SBP3550L8CS-4-UN3-DIM  
 CFFSF24

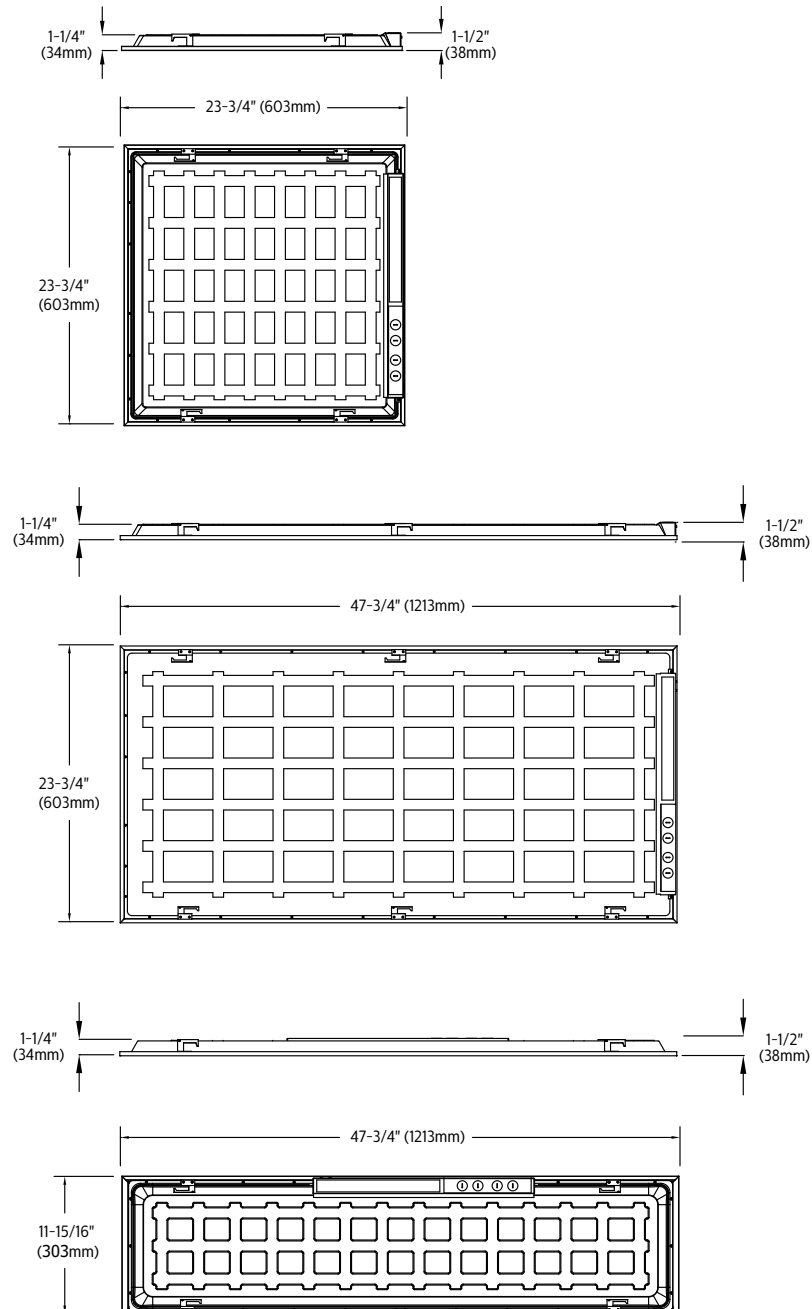
Notes:

**Type:****A1**

COSKS24-41366

# 1SBP/2SBP Selectable backlit panel

## Selectable lumens and CCT

**Dimensions**

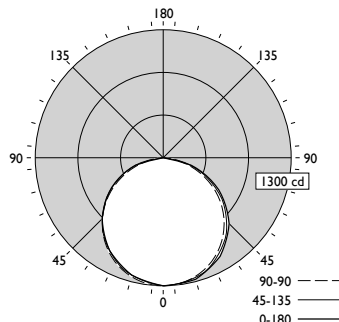
# 1SBP/2SBP Selectable backlit panel

Selectable lumens and CCT

## Photometry

### 1SBP3040L8CS-4-UN3-DIM 4000K

Luminaire Lumens 4095  
Luminaire Efficacy Rating (LER) 125  
Total Luminaire Watts 32.8  
Spacing Criterion (0-180) 1.27



Candela Distribution						Flux
	0	22.5	45	67.5	90	Lumens
0	1389	1389	1389	1389	1389	
5	1382	1385	1390	1396	1396	132
15	1337	1341	1345	1353	1352	380
25	1247	1251	1256	1262	1262	579
35	1116	1119	1124	1127	1125	703
45	948	950	955	956	955	735
55	747	749	751	750	749	669
65	516	518	519	520	520	513
75	279	280	281	281	281	297
85	75	76	77	77	76	87
90	3	4	4	4	5	

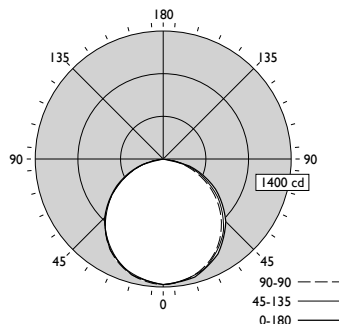
Zonal Lumen Summary			
Zone	Lumens	%Fixture	%Lamp
0-30	1091	26.7%	26.7%
0-40	1794	43.8%	43.8%
0-60	3198	78.1%	78.1%
0-90	4095	100.0%	100.0%
0-180	4095	100.0%	100.0%

Avg. Luminance (cd/m²)			
	0	90	180
0	4836	4836	4836
5	4828	4855	4879
15	4817	4848	4872
25	4790	4824	4846
35	4741	4778	4782
45	4664	4702	4702
55	4531	4554	4543
65	4250	4274	4282
75	3748	3774	3774
85	2993	3070	3032

Coefficients of Utilization %												
Pc---	80				70			50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0	
RCR												
0	119	119	119	119	116	116	116	111	111	111	100	
1	109	104	99	95	106	101	97	97	94	91	83	
2	99	90	83	77	96	88	82	85	79	75	69	
3	90	79	71	64	87	77	70	74	68	62	58	
4	82	70	61	54	80	68	60	66	59	53	49	
5	75	62	53	46	73	61	53	59	51	46	43	
6	70	56	47	40	68	55	47	53	46	40	37	
7	64	51	42	36	63	50	42	48	41	35	33	
8	60	46	38	32	58	46	37	44	37	31	29	
9	56	42	34	29	55	42	34	41	33	28	26	
10	52	39	31	26	51	39	31	38	31	26	24	

### 2SBP3040L8CS-2-UN3-DIM 4000K

Luminaire Lumens 3788  
Luminaire Efficacy Rating (LER) 118  
Total Luminaire Watts 32.0  
Spacing Criterion (0-180) 1.26



Candela Distribution						Flux
	0	22.5	45	67.5	90	Lumens
0	1313	1313	1313	1313	1313	
5	1307	1306	1306	1306	1306	124
15	1264	1263	1262	1262	1262	356
25	1176	1175	1175	1174	1174	542
35	1050	1049	1047	1047	1048	655
45	888	886	885	884	884	683
55	692	690	690	690	691	617
65	476	475	475	474	475	469
75	253	252	252	252	253	268
85	63	63	63	63	63	74
90	2	2	1	1	1	

Zonal Lumen Summary			
Zone	Lumens	%Fixture	%Lamp
0-30	1022	27.0%	27.0%
0-40	1677	44.3%	44.3%
0-60	2977	78.6%	78.6%
0-90	3788	100.0%	100.0%
0-180	3788	100.0%	100.0%

Avg. Luminance (cd/m²)			
	0	90	180
0	4361	4361	4361
5	4357	4354	4354
15	4345	4338	4338
25	4310	4307	4303
35	4258	4243	4247
45	4170	4157	4152
55	4006	3995	4001
65	3738	3731	3731
75	3243	3231	3243
85	2417	2417	2417

Coefficients of Utilization %												
Pc---	80				70			50			0	
Pw---	70	50	30	10	70	50	30	50	30	10	0	
RCR												
0	119	119	119	119	116	116	116	111	111	111	100	
1	109	104	99	96	106	102	98	97	94	91	84	
2	99	90	83	78	96	88	82	85	80	75	69	
3	90	79	71	64	87	78	70	75	68	63	58	
4	82	70	61	54	80	69	60	66	59	53	50	
5	76	63	54	47	73	61	53	59	52	46	43	
6	70	56	47	41	68	55	47	54	46	40	37	
7	65	51	42	36	63	50	42	49	41	36	33	
8	60	47	38	32	59	46	38	44	37	32	29	
9	56	43	34	29	55	42	34	41	34	29	26	
10	53	39	31	26	51	39	31	38	31	26	24	

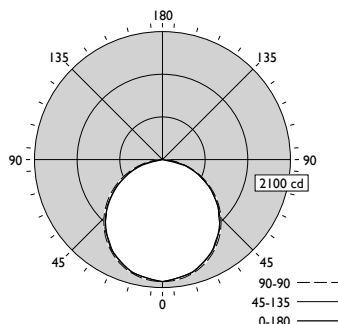


# 1SBP/2SBP Selectable backlit panel

Selectable lumens and CCT

## 2SBP3550L8CS-4-UN3-DIM 4000K

Luminaire Lumens 4721  
Luminaire Efficacy Rating (LER) 127  
Total Luminaire Watts 37.2  
Spacing Criterion (0-180) 1.27



Candela Distribution						Flux
	0	22.5	45	67.5	90	Lumens
0	1628	1628	1628	1628	1628	
5	1619	1620	1624	1627	1629	154
15	1566	1567	1571	1574	1575	443
25	1461	1463	1466	1467	1467	675
35	1302	1304	1306	1306	1307	817
45	1099	1100	1101	1102	1103	850
55	865	864	863	863	862	771
65	594	593	593	593	592	586
75	316	315	314	313	311	334
85	80	80	79	78	77	92
90	3	3	3	3	3	

Zonal Lumen Summary			
Zone	Lumens	%Fixture	%Lamp
0-30	1273	27.0%	27.0%
0-40	2089	44.3%	44.3%
0-60	3709	78.6%	78.6%
0-90	4721	100.0%	100.0%
0-180	4721	100.0%	100.0%

Avg. Luminance (cd/m²)			
	0	90	180
0	2582	2582	2582
5	2577	2585	2593
15	2571	2579	2586
25	2556	2564	2566
35	2521	2528	2530
45	2465	2470	2474
55	2391	2386	2383
65	2228	2225	2221
75	1937	1925	1908
85	1451	1434	1399

Coefficients of Utilization %												
Pc---	80				70			50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0	
RCR												
0	119	119	119	119	116	116	116	111	111	111	100	
1	109	104	99	96	106	102	98	97	94	91	83	
2	99	90	83	78	96	88	82	85	80	75	69	
3	90	79	71	64	87	78	70	75	68	63	58	
4	82	70	61	54	80	69	60	66	59	53	50	
5	76	63	53	47	73	61	53	59	52	46	43	
6	70	56	47	41	68	55	47	54	46	40	37	
7	65	51	42	36	63	50	42	49	41	36	33	
8	60	46	38	32	59	46	38	44	37	32	29	
9	56	43	34	29	55	42	34	41	34	29	26	
10	53	39	31	26	51	39	31	38	31	26	24	



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## MEM LED UNDER CABINET HEALTHCARE LUMINAIRE



The MEM Series is an LED under cabinet that provides a uniform light distribution and LED diffusion to reduce eye strain of healthcare professionals. Standalone fixtures available in 12", 18", 24", 36", and 48" lengths. Linkable design allows fixtures to be ordered in continuous run lengths, with hardware and wiring harnesses provided. Continuous run lengths will be a combination of standalone fixtures to create desired length. Designed with quality, efficacy, and long-lifespan in mind to cut hospital maintenance costs.

**APPLICATIONS:** The MEM series of LED under cabinet fixtures are designed to be high quality, energy efficient under cabinet luminaires for healthcare applications.

**CONSTRUCTION:** The fixture is constructed of heavy gauge, cold rolled steel. Rocker switch option available, standalone fixtures include one rocker switch, continuous lengths include one rocker switch to control all fixtures in the run. Knockout for optional occupancy sensor. Standard white polyester powder-coat finish, if other colors required, consult factory. Anti-microbial paint available.

**OPTICAL SYSTEM:** Prismatic acrylic or frosted glaze satin lens options. White pre-painted polyester polymer finish internal reflector with a high reflectivity.

**ELECTRICAL SYSTEM:** Electronic drivers are available for 120/277V applications, 0-10v dimming standard. Long-life LED system rated for >100K life hours (L70 @ 45°C). Complies with federal energy efficiency standards.

**MOUNTING:** Units are designed for under cabinet mounting.

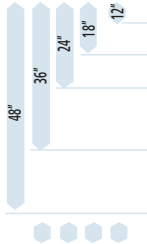
**LISTINGS:** UL and cUL Listed. Damp location rated. Manufactured in the USA, BAA compliant.

**WARRANTY:** 5-Year Limited Warranty. Complete warranty and terms located at [www.aelnow.com/warranty](http://www.aelnow.com/warranty).

Ordering Information on Next Page ►

## ORDERING INFORMATION:

Example: MEM-40-2000L-FG-M-CD1-RS

SERIES	LENGTH	CCT	OUTPUT	LENS	VOLTAGE	DRIVER OPTIONS
MEM	12 12" 18 18" 24 24" 36 36" 48 48"	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K		FG Frosted Glaze Satin PA Acrylic Prismatic Acrylic	M 120/277V	BLANK 0-10V Dimming Driver (standard) CD1 0-10V 1% dimming driver CD5 0-10V 5% dimming driver EDN Non-Dimming Electronic Driver LDE1 Lutron Hi-Lume 1% EcoSystem LED Driver

## OPTIONS

RS	Rocker Switch
OS4UC	Occupancy Sensor
14EBL	14 Watt Emergency Ballast *
90	90 CRI
CO	Convenience Outlet
AM	Anti-Microbial White Paint

\*emergency ballast is remote mounted only

Other options and configurations are available. Consult factory for details.

## CONTINUOUS LENGTHS



- Joiner hub and wiring harness included for continuous run lengths.
- Knockouts provided on both fixtures allow for quick joining of fixtures in the field.

Dimensions on Next Page ►

## ENERGY AND PERFORMANCE DATA

INPUT VOLTAGE:	120/277VAC
SYSTEM INPUT POWER:	6.9 - 34.7 WATTS*
DELIVERED LUMEN OUTPUT:	1000 - 5000 LUMENS
STANDARD DIMMING CONTROL:	0-10V
CCT:	2700, 3000, 3500, 4000, 5000 KELVIN
CRI:	82 (MINIMUM)
LIFE TIME RATING:	>100,000 HRS @ L70
INPUT FREQUENCY:	50/60 HZ
POWER FACTOR:	>0.9
OPERATING TEMP:	-30° TO 50° C

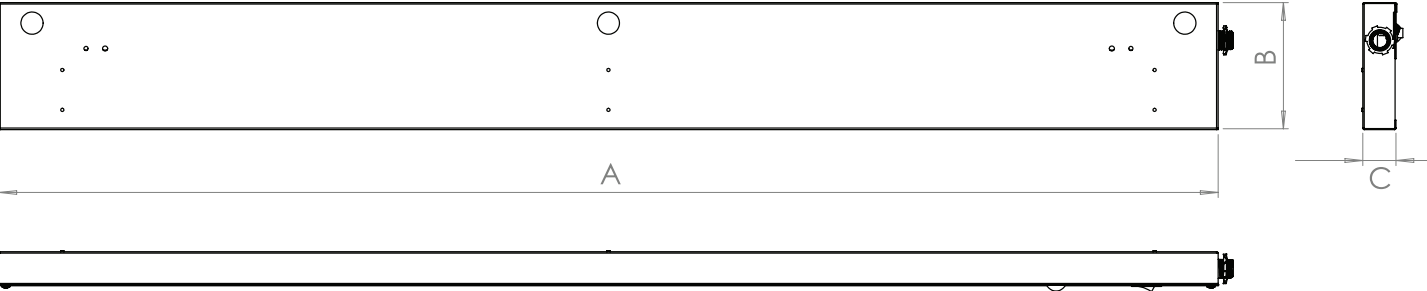
### APPROXIMATE COLOR TEMPERATURE MULTIPLIER

5000K	X	1.03
4000K	X	1
3500K	X	.97
3000K	X	.94
2700K	X	.91

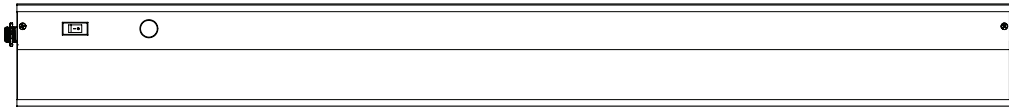
PART#	DELIVERED LUMENS	WATTS	L70 @20C (HRS)
1L	1000	6.9	>100K
2L	2000	13.9	>100K
3L	3000	20.8	>100K
4L	4000	27.7	>100K
5L	5000	34.7	>100K

\*ACTUAL WATTAGE MAY DIFFER BY ±5% WHILE OPERATING 120/277V ±10%


FIXTURE DIMENSIONS



Fixture Dimensions			
Length	A	B	C
12"	12"	4.97"	1.31"
18"	18"	4.97"	1.31"
24"	24"	4.97"	1.31"
36"	36"	4.97"	1.31"
48"	48"	4.97"	1.31"



Drawing shown with rocker switch, occupancy sensor, and joiner hub.

Submitted by 	<b>Job Name:</b> CHILD START ON SECOND STREET A REMODEL Architect: WDM ARCHITECTS (WICHITA) Engineer: MKEC ENGINEERING (WICHITA)	<b>Catalog Number:</b> LTEM WH SD2  Notes:	<b>Type:</b> <b>E1</b>  COSKS24-41366
--------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------	------------------------------------------------



Catalog #: \_\_\_\_\_ Project: \_\_\_\_\_

Prepared By: \_\_\_\_\_ Date: \_\_\_\_\_ Type: \_\_\_\_\_

# LTEM

## Thermoplastic LED Emergency Unit



### FEATURES & SPECIFICATIONS

#### Construction

- Injection-molded UL 94 5VA flame retardant, high temperature, thermoplastic housing
- Not recommended for outdoor use
- Standard finish: White and Black

#### Optical System

- Fully Adjustable LED Heads - 1.1 Watt per lamp head
- Self-contained, compact, low-profile design

#### Electrical

- Standard Universal Voltage - 120/277VAC dual primary at 60Hz
- Brownout circuit and short circuit protection

- Low voltage disconnect eliminates deep discharge
- Solid-state transfer detects loss of line voltage and automatically switches to emergency mode
- Test button to provide manual verification of the transfer circuit and emergency lamps
- R option compatible for up to two SRL remote lamp heads

#### Battery

- Maintenance free NiCad Battery
- Operating Temperatures 0°C to 40°C (32°F to 104°F)
- Remote Capacity option - will run for 180 minutes in emergency mode if no remote load is connected

#### Installation

- Universal J-Box mounting system
- Can be mounted on wall or ceiling applications

#### Warranty

- 5 year warranty on all electronics and housing
- Separate 5 year pro-rated warranty on the battery

#### Listings

- UL 924
- NFPA 101
- NEC
- Damp Location Rated
- UL Listed 90 minute emergency run time, 24 hour recharge time

### ORDERING GUIDE

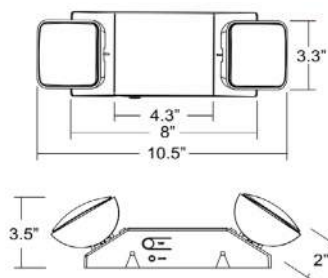
TYPICAL ORDER EXAMPLE:	<b>LTEM WH SD2</b>
------------------------	--------------------

Prefix	Housing Color	Options
<b>LTEM</b> - Thermoplastic LED Emergency Unit	<b>WH</b> - White <b>BK</b> - Black	<b>SD2</b> - Self Test / Self Diagnostic <b>R</b> - 2.2W Remote Capacity <b>WGB9</b> - Wire Guard Back Mount

#### FOOTNOTES:

1 - R option compatible with one or two SRL remote lamps

### PRODUCT DIMENSIONS





Catalog # : \_\_\_\_\_ Project : \_\_\_\_\_  
Prepared By : \_\_\_\_\_ Date : \_\_\_\_\_

# Slim Wall Pack (WPSLL)

## Large LED Slim Wall Pack



OVERVIEW	
Lumen Range	4,000 - 8,000
Wattage Range	40 - 80
Efficacy Range (LPW)	106 - 130
Weight lbs(kg)	7.9 (3.6)

### QUICK LINKS

[Ordering Guide](#)[Performance](#)[Dimensions](#)[Photometrics](#)

### FEATURES & SPECIFICATIONS

#### Construction

- Rigid Precision Die cast-aluminum housing for durability and consistency.
- Vertical fins serve as a heat sink and resist accumulation of dust and debris.
- The Patent Pending thermal stacking heat removal technology extracts heat from within the housing moving it away from LEDs and integral components.
- Luminaire hinges open from the bottom to prevent leakage.
- Luminaire is proudly manufactured and tested in the U.S.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory
- Add sux CWBB for Emergency Battery Back Up. Provides emergency illumination (1,580 lumens) for a minimum of 90 minutes. Requires deep back housing.
- Shipping weight: 7.9 lbs in carton.

#### Optical System

- High-performance Chip On Board (COB) LEDs behind clear tempered glass for maximum light output.
- 3000K | 4000K | 5000K color temperatures.

- Minimum CRI of 71.
- Zero uplight.

#### Electrical

- High-performance driver features over-voltage, under voltage, short-circuit and over temperature protection.
- 0-10 volt dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 Vac) Input 50/60 Hz or optional High Voltage (347-480 Vac).
- L70 Calculated Life: >100k Hours
- Total harmonic distortion: <20%
- Power factor: >.85
- Input power stays constant over life.
- Driver Off-State Power is 0 watts.
- Minimum Operating Temperature of -20°C
- Chip On Board (COB) LEDs with integrated circuit board mounted directly to the housing to maximize heat dissipation and promote long life.
- Components are fully encased in potting material for moisture resistance. Driver complies with FCC standards. Driver and key electronic components can easily be accessed.
- Minimum 2.5kV surge rating

#### Controls

- Optional 120V electronic button Photocontrol.
- Apertures for field or factory installed photocontrol.

#### Installation

- Surface mounts direct to J-box or wall.
- Features a bubble level and removable hinged face frame for ease of installation.

#### Warranty

- LSI LED Fixtures carry a 5-year warranty.
- 1 Year warranty on optional Button Photocell.

#### Listings

- Listed to UL 1598 and UL 8750.
- CSA Listed
- RoHS Compliant.
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.
- American Recovery and Reinvestment Act Funding Compliant.
- Suitable For Wet Locations.

Specifications and dimensions subject to change without notice.





## Large LED Slim Wall Pack (WPSLL)

### ORDERING GUIDE

[Back to Quick Links](#)

TYPICAL ORDER EXAMPLE: **WPSLL LED 6L UNV DIM 30 PC120 BZA**

Family Prefix	Lumen Package	Voltage	Color Temp	Controls	Options	Finishes
WPSLL - Large Slim Wall Pack	4L - 4000 Lumens	UNV - Universal (120V-277V)	30 - 3000K	PC120 - 120V Photocontrol	CWBB - Emergency Back-up*	BZA - Bronze
	6L - 6000 Lumens	HV - 347-480V Universal Voltage	40 - 4000K	PC208-277 - 208-277V Photocontrol		WHT - White
	8L - 8000 Lumens		50 - 5000K			BLK - Black

\*4L and 6L lumen packages only

### PERFORMANCE

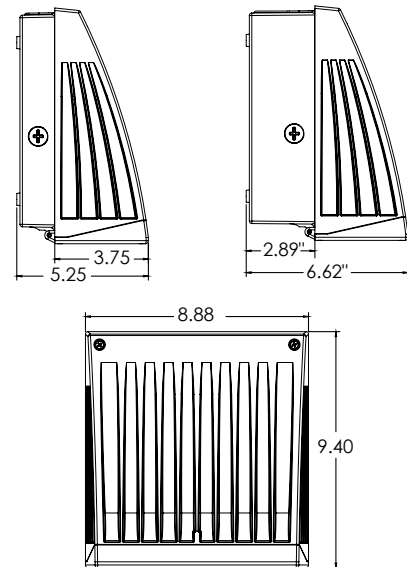
Lumens	3000K		4000K		5000K		Wattage
	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	
4L	4147	110.74	4147	110.74	4853	130.34	40*
6L	6513	111.93	6513	111.93	7401	128.08	60
8L	8060	106.01	8060	106.01	9332	121.81	80

\*For emergency back-up only

LED		HID		Annual Savings
Wattage	Annual Cost	Source Wattage	Total Wattage Used	
40*	\$18	100	129	\$59
		150	185	\$82
		175	210	\$94
60	\$26	200	232	\$102
		250	285	\$124
		400	458	\$200
80	\$35	200	232	\$93
		250	285	\$115
		400	458	\$191

\*For emergency back-up only

### PRODUCT DIMENSIONS

[Back to Quick Links](#)


Deep back housing required for emergency battery back up

### PHOTOMETRICS

[Back to Quick Links](#)

#### WPSLL-6L-40

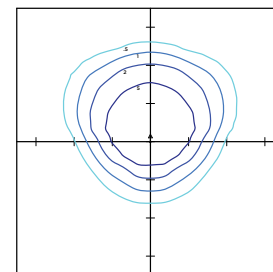
##### Luminaire Data

Wide Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	6,957
Watts	58.1
Efficacy	120
IES Type	Type III - Very Short
BUG Rating	B2-U0-G1

##### Zonal Lumen Summary

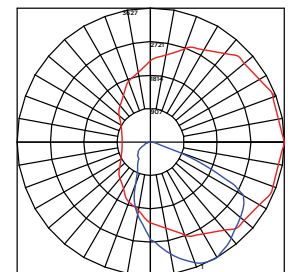
Zone	Lumens	%Luminaire
Low (0-30°)	2025.1	29.1%
Medium (30-60°)	3812.2	54.8%
High (60-80°)	1105.7	15.9%
Very High (80-90°)	14.1	0.2%
Uplight (90-180°)	0.0	0.0%
Total Flux	6957.1	100%


##### ISO FOOTCANDLE PLOT



10' Mounting Height/10' Grid Spacing  
 ■ 10 FC ■ 5 FC ■ 2 FC ■ 1 FC

##### POLAR CURVE



Submitted by		Catalog Number:	Type:
	Job Name:	LPRX R U WH LD11 SD2	<b>X1</b> COSKS24-41366
	CHILD START ON SECOND STREET A REMODEL Architect: WDM ARCHITECTS (WICHITA) Engineer: MKEC ENGINEERING (WICHITA)		



Catalog #: \_\_\_\_\_ Project: \_\_\_\_\_

Prepared By: \_\_\_\_\_ Date: \_\_\_\_\_ Type: \_\_\_\_\_

# LPRX

## Thermoplastic LED Exit Combo



### FEATURES & SPECIFICATIONS

#### Construction

- Injection-molded UL 94 5VA flame retardant, high temperature, thermoplastic housing
- Universal design includes two faceplates, one backplate, and mouting canopy
- All configurations include field-selectable directional chevrons
- Standard finish: White and Black

#### Optical System

- Illuminated by long-life, high intensity red or green LEDs
- Fully-illuminated 6" characters with 3/4" stroke
- LED Heads - 1.1 Watt per lamp head

#### Electrical

- Standard Universal Voltage - 120/277VAC dual primary at 60Hz
- Brownout circuit monitor (SD2 only)
- Low voltage disconnect eliminates deep discharge (SD2 only)
- Test button to provide manual verification of the transfer circuit and emergency lamps
- RL option compatible with up to two SRL remote lamp heads

#### Battery

- Maintenance free NiCad Battery
- Operating Temperatures 0°C to 40°C (32°F to 104°F)

#### Installation

- Easy snap together design for effortless installation

- Includes mounting canopy for wall and ceiling mount applications

#### Warranty

- 5 year warranty on all electronics and housing
- Separate 5 year pro-rated warranty on the battery

#### Listings

- UL 924
- NFPA 101
- NEC
- CEC
- Damp Location Rated
- UL Listed 90 minute emergency run time, 24 hour recharge time

### ORDERING GUIDE

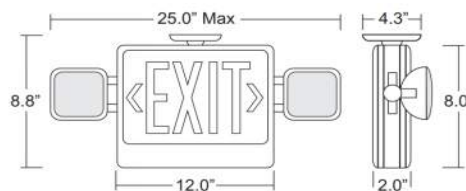
TYPICAL ORDER EXAMPLE: **LPRX R U WH LD11 RL**

Prefix	Letter Color	# of Faces	Housing Color	Lamp Heads	Options
LPRX - Thermoplastic Exit Combo	R - Red G - Green	U - Universal (includes two face plates, back plate, and mounting canopy)	WH - White BK - Black	LD11 - 1.1 Watt LED Heads	RL <sup>1</sup> - 3W Remote Capacity SD2 - Self Test / Self Diagnostic WGB5 - Wire Guard Back Mount

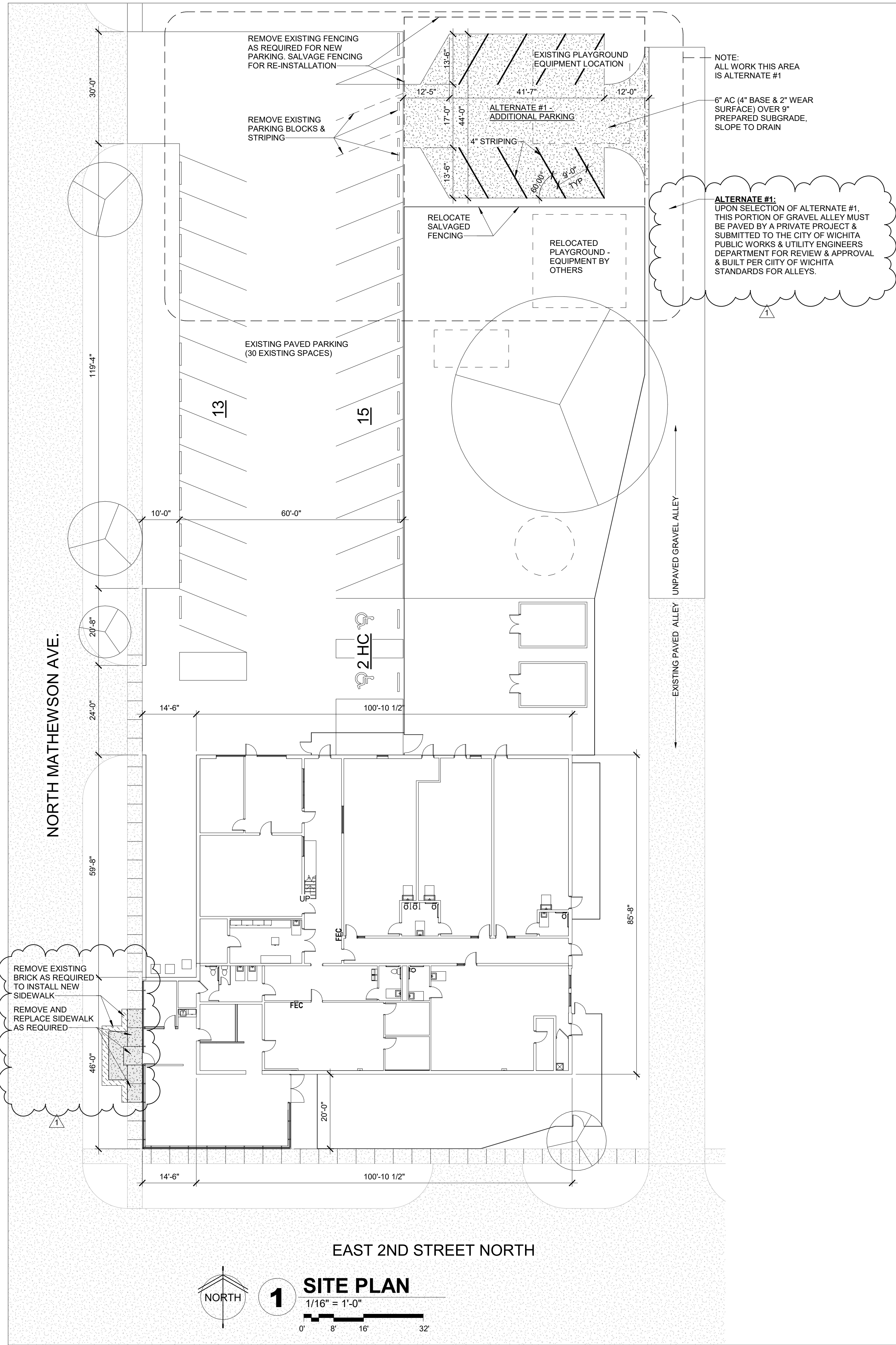
#### FOOTNOTES:

1 - RL option compatible with up to two SRL remote lamps only

### PRODUCT DIMENSIONS







20 OCTOBER 2023



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## CHILD START - 2nd STREET

1510 EAST 2ND STREET  
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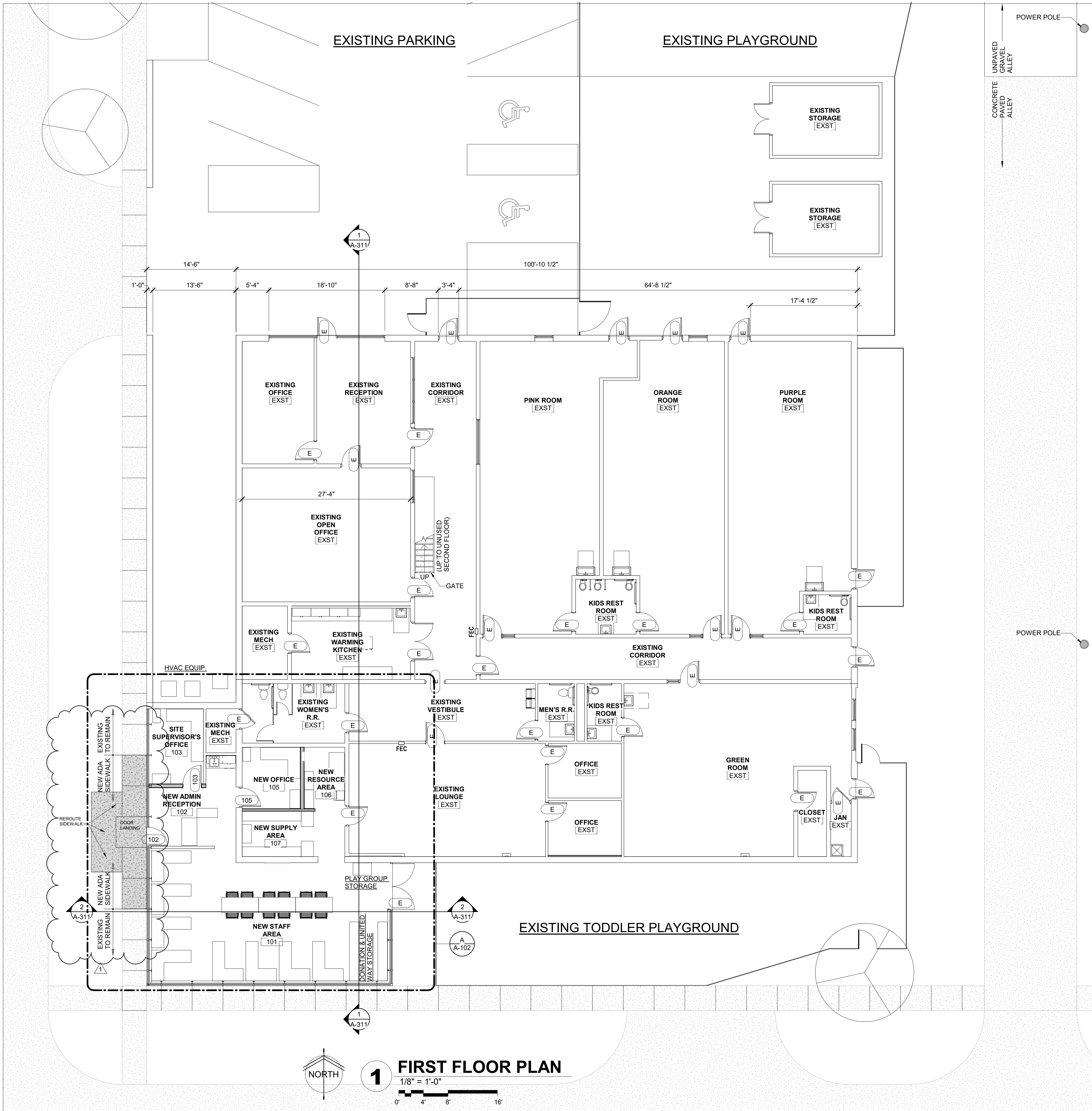
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checked: sjl

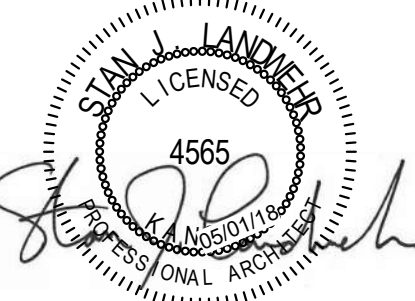
SITE PLAN

# SA-101



FLOOR PLAN NOTES

- CONTRACTOR SHALL NOT REPRODUCE ANY PORTION OF A CONTRACT DRAWING FOR USE IN ANY PORTION OF A SUBMITTAL.
- UNLESS NOTED OTHERWISE, PLAN DIMENSIONS ARE AS FOLLOWS:
  - TO FACE OF MASONRY @ MASONRY WALLS.
  - TO FACE OF GYPSUM BOARD AT EXISTING FRAME WALLS.
  - TO FACE OF FRAMING AT NEW FRAMED WALLS.
- GENERAL CONTRACTOR SHALL INFILL OPENINGS AND REPAIR/REPLACE FINISHES AT ALL LOCATIONS WHERE MEP DEVICES, EQUIPMENT, PIPING, CONDUIT, ETC. IS REMOVED FROM THE EXISTING BUILDING.
- UNLESS NOTED OTHERWISE, DOOR OPENINGS SHALL BE LOCATED SO THAT THE ROUGH OPENING OF HINGE JAMB SHALL BE 4 INCHES FROM ADJOINING PERPENDICULAR WALL.
- COORDINATE THE LOCATION AND INSTALLATION OF ALL MECHANICAL AND ELECTRICAL DEVICES, REGISTERS, FIXTURES, ETC. PRIOR TO INSTALLATION OF FINISH MATERIALS.
- DO NOT SCALE DRAWINGS. IF DIMENSIONS ARE IN QUESTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT BEFORE CONTINUING WITH CONSTRUCTION.



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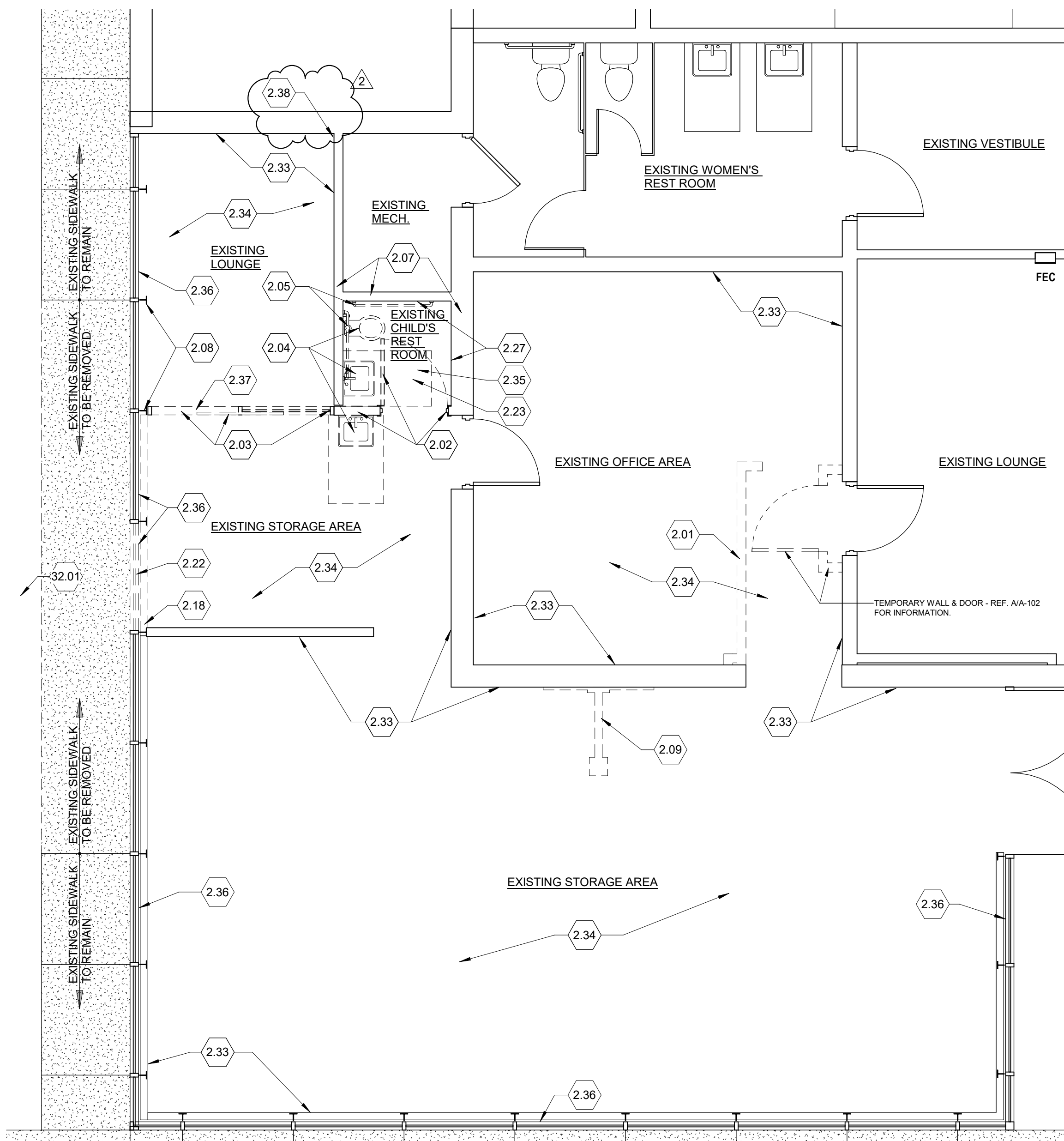
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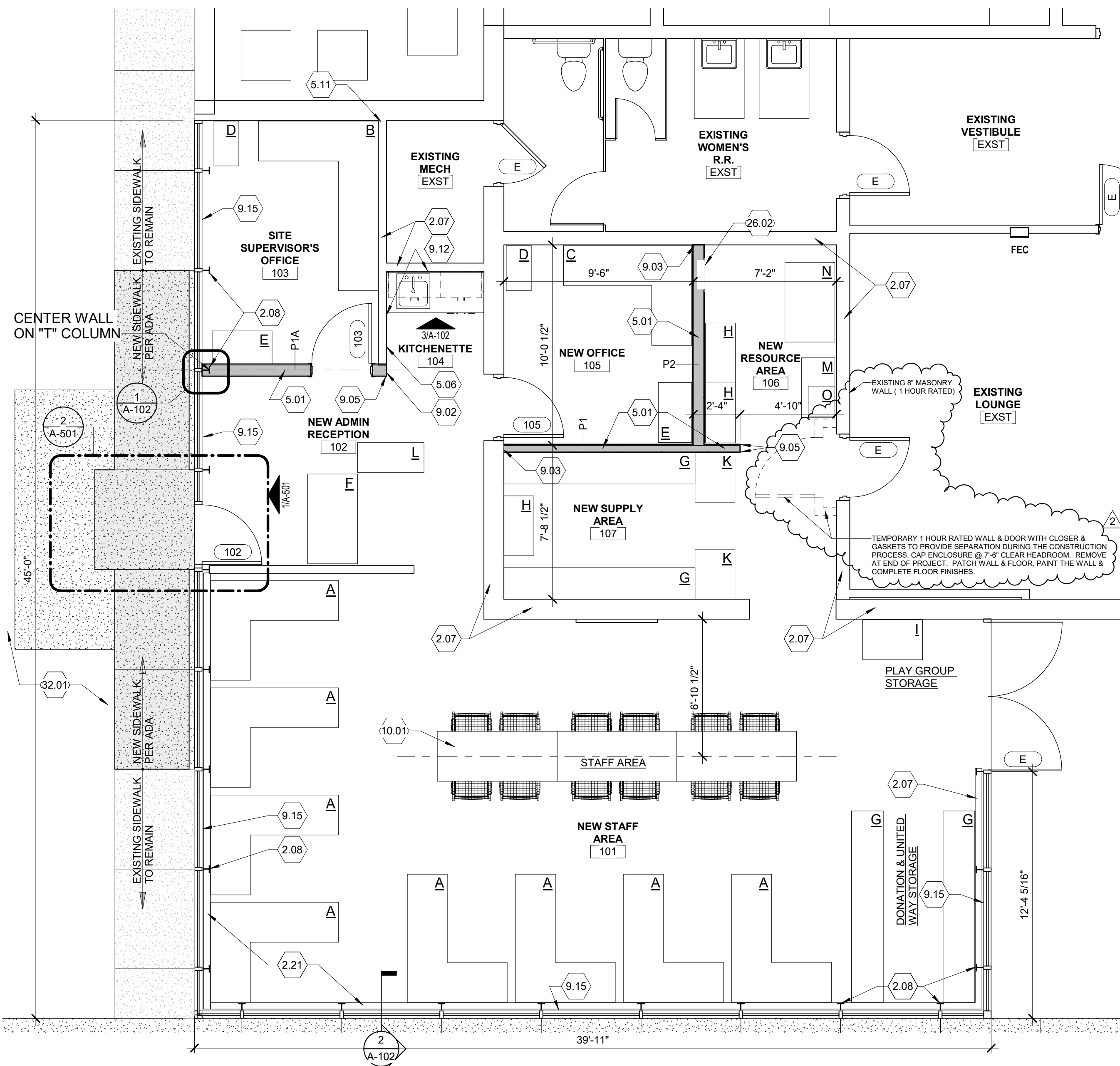
FLOOR PLAN

# A-101



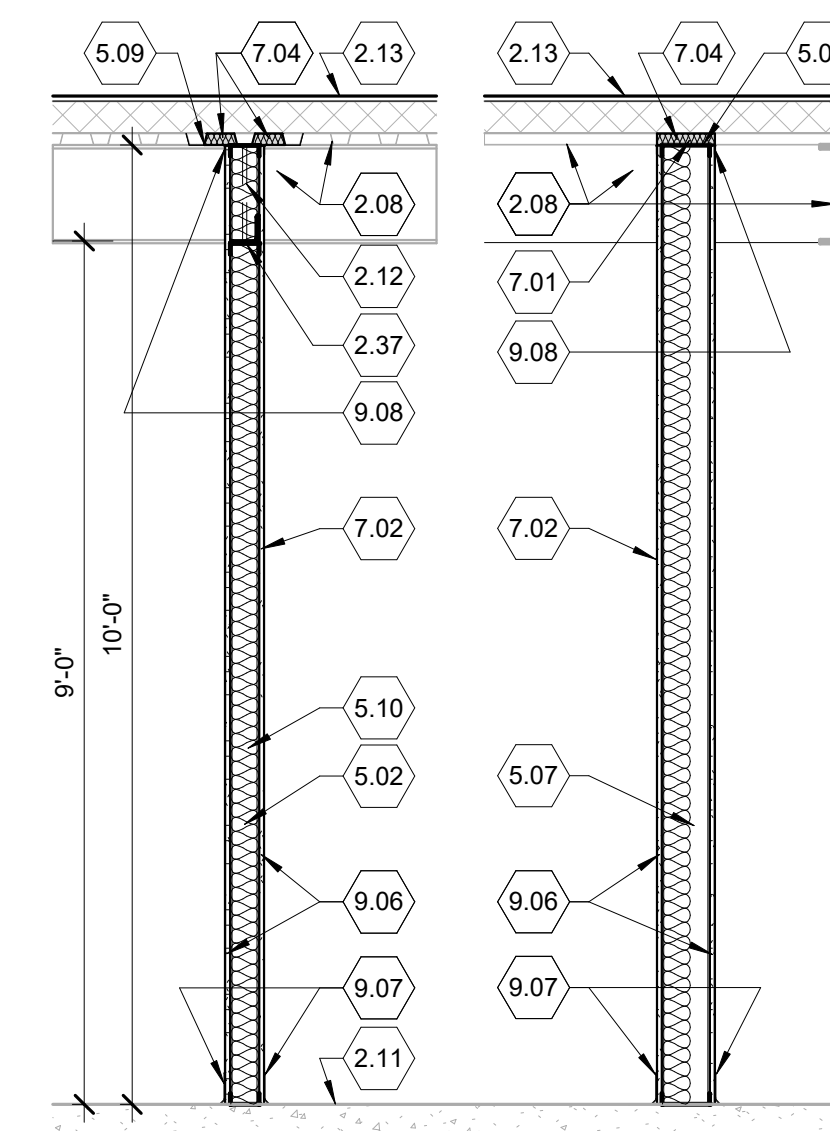


**B DEMOLITION PLAN**  
1/4" = 1'-0"



**A REMODEL AREA PLAN**  
1/4" = 1'-0"

MK	QNTY.	ITEM	SIZE
A	8	F.E. DESK	60"x77"
B	1	COORDINATOR'S DESK	72"x102"
C	1	COORDINATOR'S DESK	???
D	2	COORDINATOR'S FILING CABINET	15"x27"
E	2	COORDINATOR'S CABINET	36"x20"
F	1	SITE ADMIN. DESK	???
G	6	STORAGE SHELF	115"x19"
H	3	BOOKCASE	36"x13"
I	1	CACFP FRIDGE	36"x31"
J	1	CACFP SHELF	25"x6"
K	2	ART CABINET	30"x24"
L	1	PARTICIPANT FILE CABINET	40"x18"
M	1	DOCUMENT CABINET	36"x19"
N	1	PRINTER	48"x30"
O	1	FAX	16"x18"

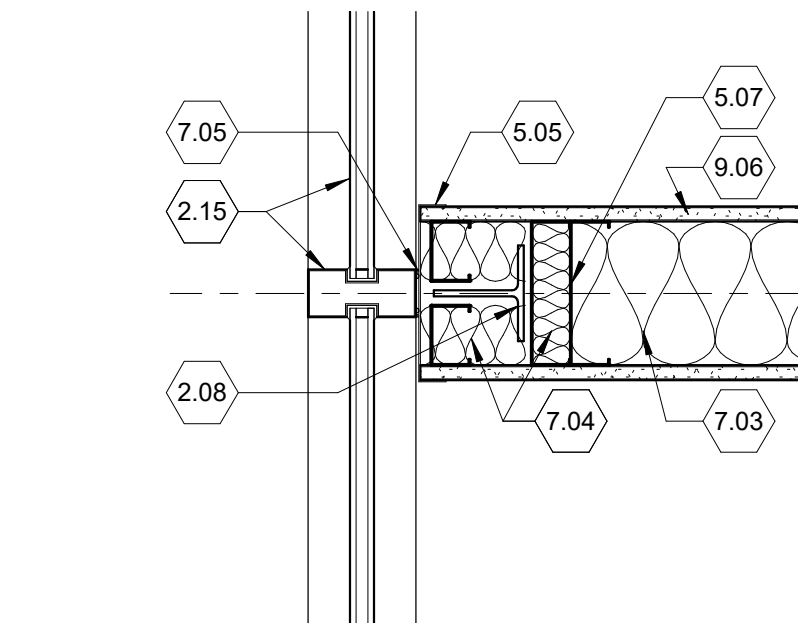


**KEYED NOTES**

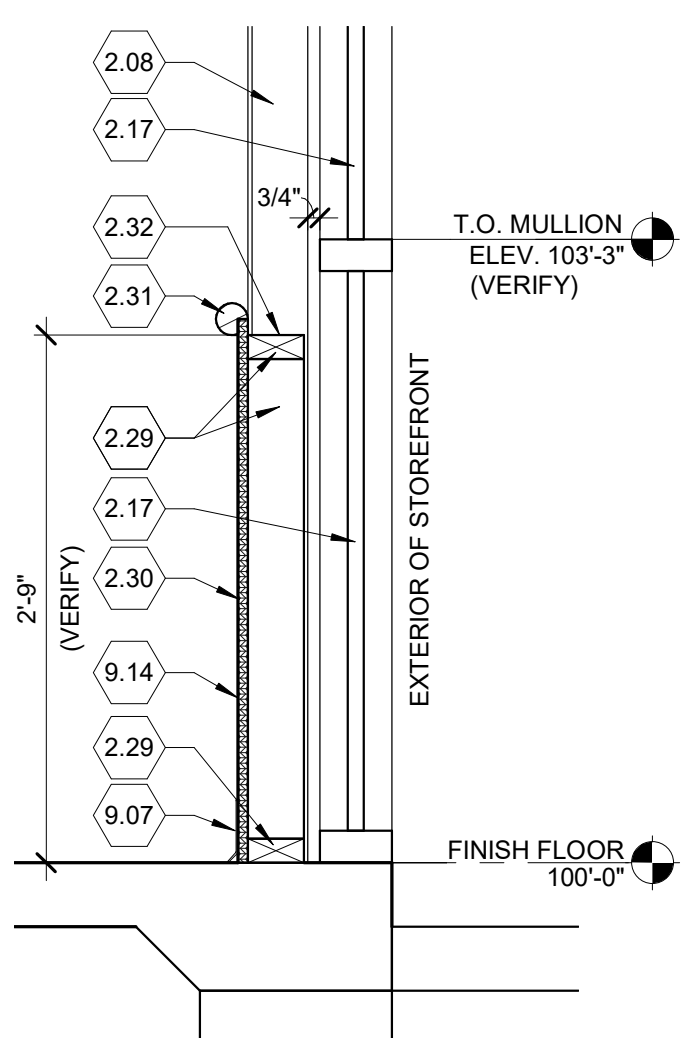
- 2.01 EXISTING LOW WALL TO BE REMOVED
- 2.02 EXISTING WALL, DOOR & DOOR FRAME TO BE REMOVED
- 2.03 EXISTING SLIDING DOOR SYSTEM TO BE REMOVED
- 2.04 EXISTING PLUMBING FIXTURES TO BE REMOVED - (RETURN TO OWNER) - CAP PLUMBING LINES BEHIND/BELOW THE WALL/FLOOR
- 2.05 EXISTING TOILET ACCESSORIES TO BE REMOVED - RETURN TO OWNER
- 2.07 EXISTING WALLS TO REMAIN - PATCH AS REQUIRED
- 2.08 EXISTING STRUCTURE TO REMAIN
- 2.09 EXISTING PROJECTION EQUIPMENT & SCREEN TO BE REMOVED - RETURN TO OWNER & FILL HOLES IN WALL
- 2.11 EXISTING CONCRETE FLOOR TO REMAIN IN PLACE - PATCH & REPAIR AS REQUIRED
- 2.12 EXISTING EXPANDED METAL MESH TO BE REMOVED BETWEEN STEEL BEAMS
- 2.13 EXISTING ROOFING TO REMAIN IN PLACE
- 2.15 EXISTING ALUMINUM STOREFRONT SYSTEM TO REMAIN IN PLACE - REWORK AS REQUIRED
- 2.17 EXISTING STOREFRONT GLAZING / SPANDREL PANEL TO REMAIN
- 2.18 REMOVE EXISTING LOW WALL AT THIS ROOM
- 2.21 EXISTING LOW WALL TO REMAIN
- 2.22 REMOVE EXISTING SECTION OF STOREFRONT TO BE REPLACED WITH NEW DOOR - GC TO COORDINATE WITH WEATHER & CHILD START STAFF
- 2.23 REMOVE EXISTING GYP CEILING & EXHAUST FAN - REF MECHANICAL DEMO
- 2.27 CLEAN EXISTING CEILING RESIDUE OFF BRICK & STRUCTURE ABOVE
- 2.29 EXISTING 2x4 PANEL PERIMETER FRAMING
- 2.30 EXISTING PLYWOOD PANEL W/ PLASTIC LAMINATE FINISH - COVER WITH NEW LAMINATE - REF FINISH SCHEDULE
- 2.31 EXISTING HARDWOOD TRIM
- 2.32 EXISTING BLACK PAINT
- 2.33 REMOVE EXISTING WALL BASE THROUGHOUT REMODEL AREA
- 2.34 REMOVE EXISTING VCT THROUGHOUT REMODEL AREA
- 2.35 REMOVE EXISTING RESTROOM FLOORING
- 2.36 REMOVE EXISTING MINI BLINDS
- 2.37 EXISTING STEEL SUPPORT ANGLE BETWEEN STRUCTURAL BEAMS TO REMAIN
- 2.38 PREPARE OPENING ABOVE BRICK TO FOR NEW FINISHES

**KEYED NOTES**

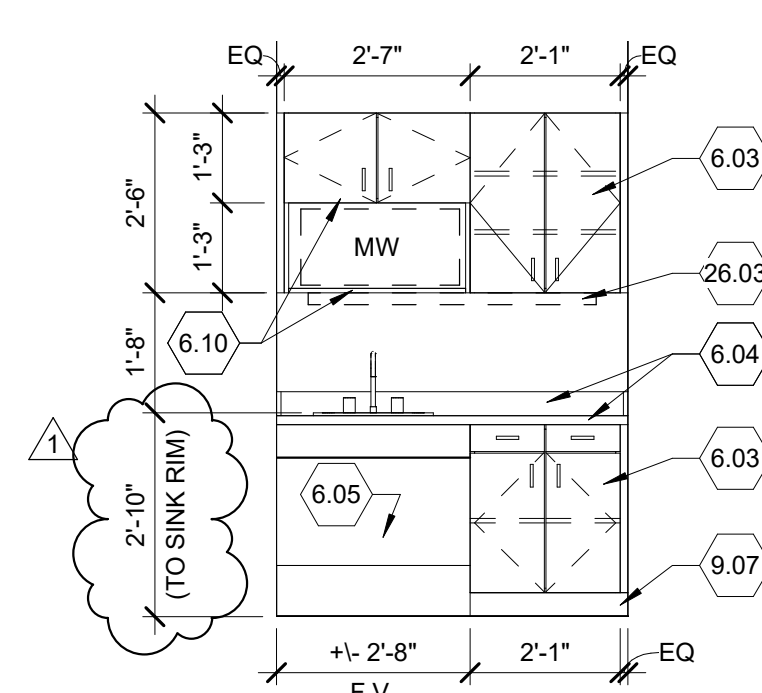
- 5.01 3 5/8" METAL STUDS AT 16" O.C. WITH 5/8" GYP BD EACH SIDE TO STEEL FRAMING ABOVE
- 5.02 3 5/8" METAL STUDS AT 16" O.C. TO STRUCTURE ABOVE
- 5.05 NEW BREAK METAL WALL END WALL CAP @ STRUCTURAL "T" - PROVIDE RUBBERIZED SPACER BETWEEN CAP AND "T" - PRIME & PAINT TO MATCH WALL
- 5.06 EXTEND WALL FRAMING TO STRUCTURE ABOVE AS REQUIRED - MATCH EXISTING FRAMING
- 5.07 6" METAL STUDS AT 16" O.C. TO STRUCTURE ABOVE
- 5.09 BREAK METAL SHEET TRIM OVER WALL FASTEND TO ROOF DECKING RIBS - PRIME & PAINT TO MATCH WALL
- 5.10 AT PARTITION "P1a" USE 6" METAL STUD FRAMING TO ROOF DECK ABOVE - SURROUND STEEL ANGLE & "T" COLUMN
- 5.11 INFILL GAP AT END OF WALL AT ROOF STRUCTURE WITH METAL STUDS & TYPE "X" GYP BD - PAINTED
- 6.03 PLASTIC LAMINATE CABINETS W/ MELAMINE INTERIORS & ADJUSTABLE SHELVES. 16" DEEP UPPIERS & 24" DEEP BASES - REF SPEC & FINISH SCHEDULE
- 6.04 28" DEEP PLASTIC LAMINATE COUNTERTOP W/ 4" PLASTIC LAMINATE BACK & SIDE SPLASH - REF SPEC & FINISH SCHEDULE
- 6.05 ADA COMPLIANT SKIRT WITH PLASTIC LAMINATE FINISHES
- 6.10 16" DEEP PLASTIC LAMINATE UPPER CABINET W/ MICROWAVE SHELF - VERIFY SIZE OF OWNER'S MICROWAVE PRIOR TO FABRICATION
- 7.01 FOAM CLOSURE BLOCKING BETWEEN EXISTING STEEL DECK & METAL STUD FRAMING
- 7.02 INFILL AROUND ALL PENETRATIONS WITH ACOUSTIC SEALANT - TYPICAL
- 7.03 ACOUSTIC BATT INSULATION FLOOR TO STRUCTURE ABOVE
- 7.04 FILL CAVITY WITH ACOUSTIC MATERIAL
- 7.05 ACOUSTIC SEALANT BEAD W/ BACKER ROD
- 9.02 DRESS END OF EXISTING WALL & WRAP WITH GYP BD TO MATCH NEW WALL
- 9.03 CAULK EXISTING RAKED JOINTS FULL BETWEEN NEW WALL & EXISTING CMU WALL PRIOR TO PAINTING
- 9.05 CORNER GUARD TO 48" A.F.F. - REF FINISH SCHEDULE
- 9.06 5/8" GYPSUM BOARD TO STRUCTURE ABOVE
- 9.07 WALL BASE PER FINISH SCHEDULE
- 9.08 J-BEAD AT TOP EDGE - TYPICAL @ ALL NEW GYP BD WALLS
- 9.12 PATCH NEW GYP INTO EXISTING WALL PRIOR TO PAINTING
- 9.14 NEW PLASTIC LAMINATE FINISH - REF FINISH SCHEDULE & LEGEND
- 9.15 NEW MINI BLINDS - REF FINISH PLAN & SCHEDULE
- 10.01 FURNISHINGS & SHELVING UNITS BY OWNER
- 26.02 NEW RECESSED ELECTRICAL PANEL - REF ELECTRICAL DRAWINGS
- 26.03 UNDER COUNTER LIGHTING - REF ELECTRICAL LIGHTING PLAN
- 32.01 REMOVE EXISTING BRICK PAVERS AS REQUIRED TO INSTALL NEW SIDEWALK



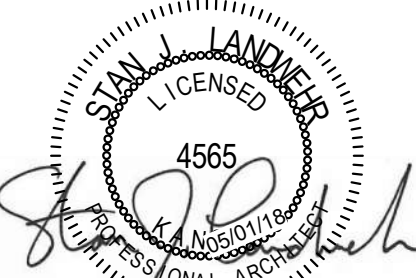
**1**



**2**



**3**



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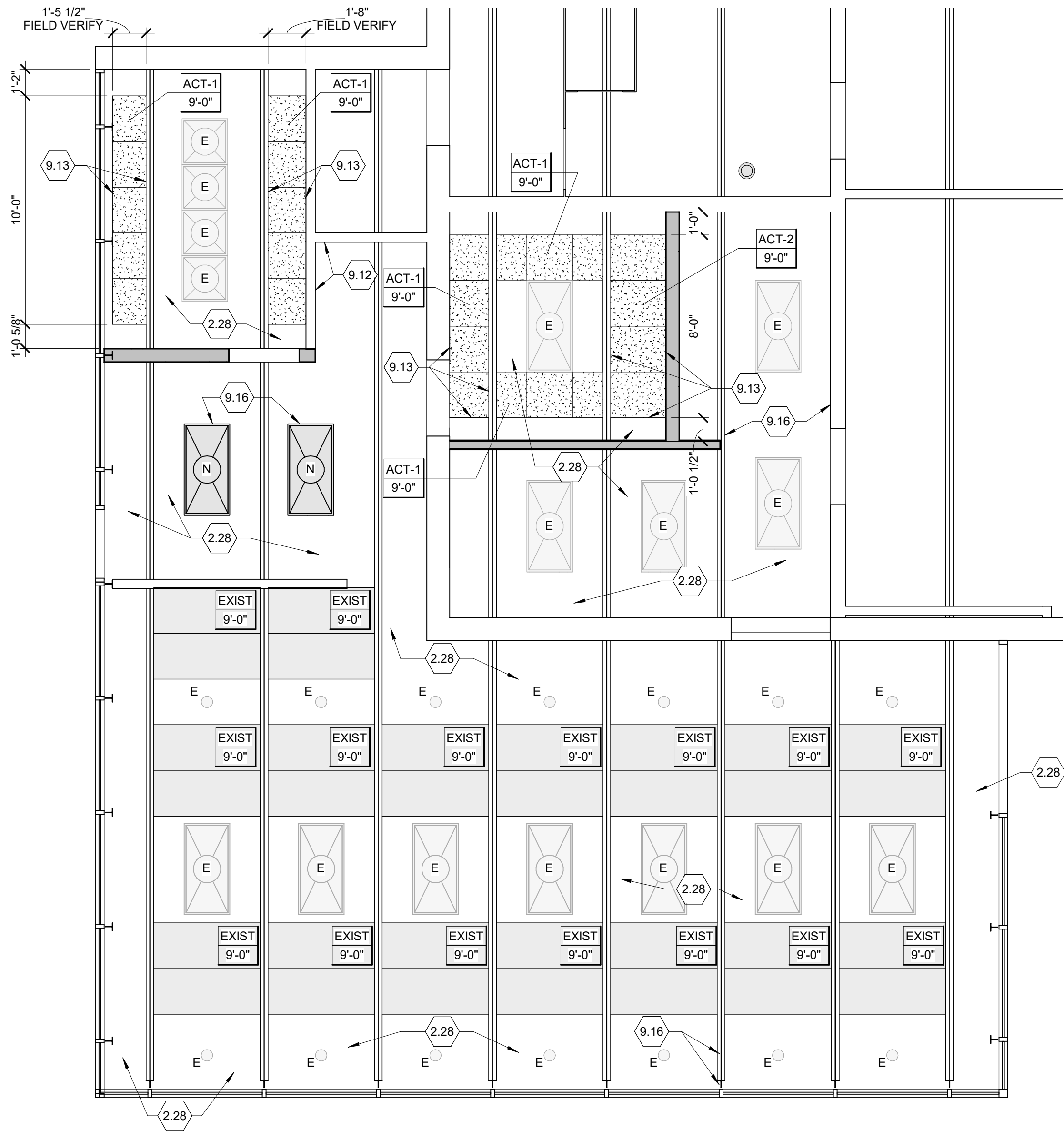
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1	01.25.24	MABCD REVIEW
2	02.06.24	OSFM REVIEW
3	02.09.24	ADDENDUM #02

WDM No. drawn: rlf  
**23016** checked: sjl  
ENLARGED AREA PLAN

**A-102**







**2 ENLARGED AREA RCP**  
1/4" = 1'-0"

CEILING MATERIAL LEGEND	
ACT-1	ACOUSTIC CEILING TILE AND GRID, ARMSTRONG OPTIMA 3152, 24" x 24" x 1", SQUARE LAY-IN, NRC 0.95, WHITE, PRELUDE 15/16" GRID, PROVIDE EDGE ANGLE TO MATCH HEIGHT & PROFILE OF EXISTING IN NEW STAFF AREA 101 @ EXPOSED EDGES
ACT-2	ACOUSTIC CEILING TILE AND GRID, ARMSTRONG OPTIMA 3353, 24"x48"x1", SQUARE LAY-IN, NRC 0.90, WHITE, PRELUDE 15/16" GRID, PROVIDE EDGE ANGLE TO MATCH HEIGHT & PROFILE OF EXISTING IN NEW STAFF AREA 101 @ EXPOSED EDGES
OPEN	OPEN TO EXISTING STRUCTURE

CEILING SYMBOLS LEGEND	
<b>NOTE:</b> REFERENCE ELECTRICAL DRAWINGS FOR LIGHTING AND ELECTRIC SYMBOLS, AND REFERENCE MECHANICAL AND PLUMBING DRAWINGS FOR HVAC SYMBOLS.	
ACT-1 17'-0"	CEILING TYPE CEILING HEIGHT
E	EXISTING 2' x 4' SURFACE MOUNTED LIGHT FIXTURE
N	NEW 2' x 4' SURFACE MOUNTED LIGHT FIXTURE - REF ELECT
⊗	EXIT SIGN CEILING LIGHT FIXTURE
⊗	EXIT SIGN WALL LIGHT FIXTURE
E	EXISTING SURFACE MOUNTED CAN LIGHT FIXTURE
⏏	EMERGENCY LIGHT FIXTURE
⦶	SECURITY CAMERA
⊗	AIR DIFFUSER
⦶	AIR RETURN
⦶	EXHAUST

**KEYED NOTES**

- 2.28 OPEN TO EXISTING STRUCTURE ABOVE - EXIST STRUCTURE IS TO BE PAINTED PNT-5 PER THE ROOM FINISH LEGEND - EXIST LIGHT FIXTURES THAT ARE CURRENTLY PAINTED YELLOW ARE TO BE PAINTED PNT-5 PER THE ROOM FINISH LEGEND - PROTECT CEILING TILE, GRID, UNPAINTED, LIGHT FIXTURES, ETC DURING PAINTING
- 9.12 PATCH NEW GYP INTO EXISTING WALL PRIOR TO PAINTING
- 9.13 ATTACH CEILING FRAMING TO STRUCTURAL BEAM TO MATCH EXISTING (AT WALLS, USE EDGE ANGLE & FINISH EDGE AT STOREFRONT)
- 9.16 PAINT ALL NEW CONDUITS TO MATCH THE EXISTING STRUCTURE TO WHICH THEY ARE ADJACENT



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**CHILD START - 2nd STREET**

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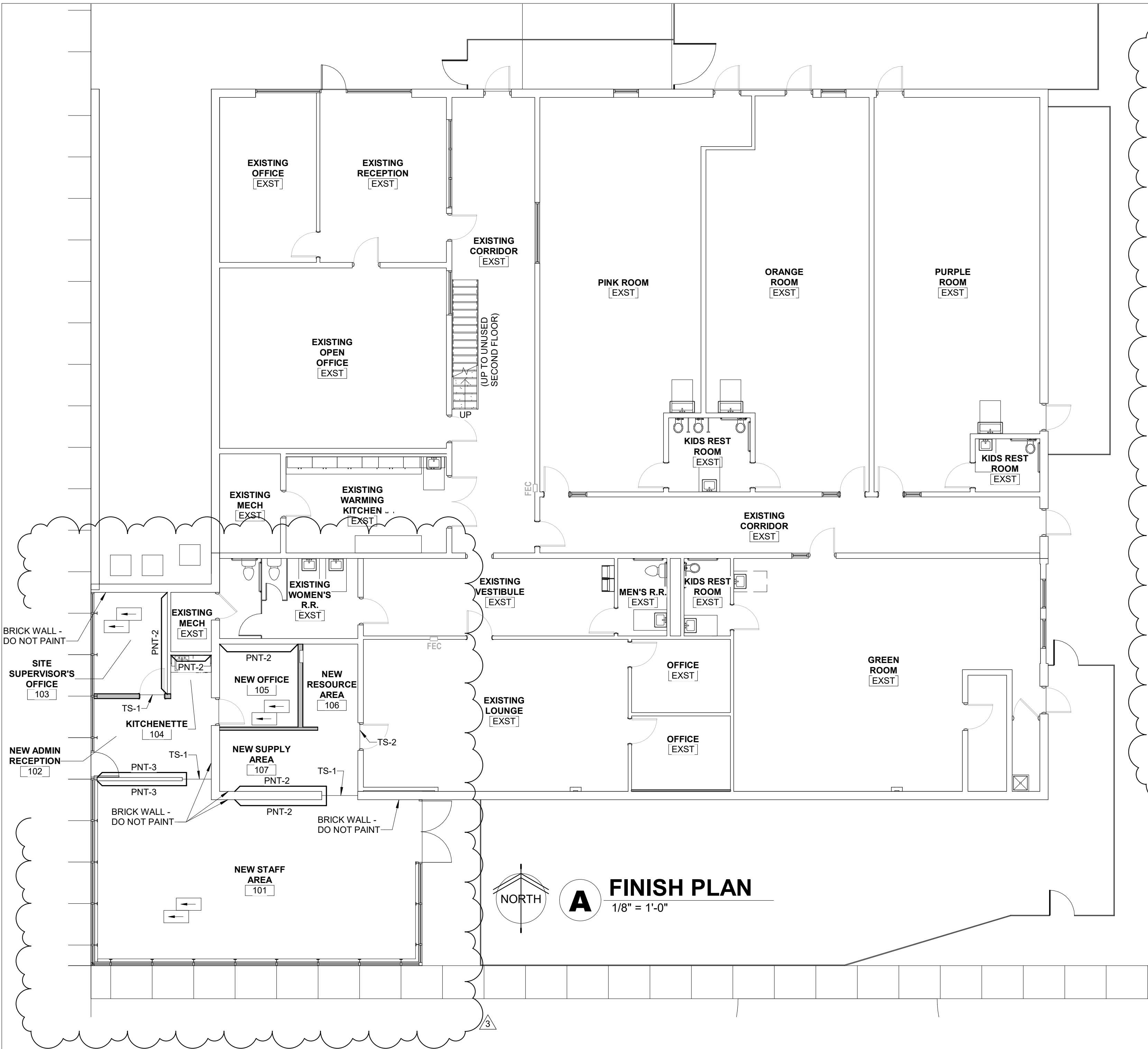
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NO.	DATE	DESC.
3	02.09.24	ADDENDUM #02

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**23016** checked: sjl

REFLECTED CEILING PLAN

**A-601**



### ROOM FINISH LEGEND

KEY	PRODUCT	MANUFACTURER	STYLE	COLOR	SIZE	INSTALL METHOD	NOTES
CPT-1	CARPET	MANNINGTON	CRYPTOGRAM	OSCILLATOR	18"x36"	VERTICAL ASHLAR	QUICK SHIP PRODUCT
CPT-2	CARPET	NOT USED	--	--	--	--	
LVT-1	LUXURY VINYL TILE	ARMSTRONG FLOORING	UNIFY	DOBBY	18"x18"	TBD - VERIFY W/ OWNER PRIOR TO INSTALLATION	QUICK SHIP PRODUCT - PRIOR TO INSTALL, PROVIDE OWNER W/ DRY INSTALL MOCK-UPS OF MONOLITHIC, QUARTER TURN & ASHLAR INSTALLATIONS FOR THEIR SELECTION
PNT-1	PAINT	SHERWIN WILLIAMS	EG-SHEL	REPOSE GRAY SW 7015	--	--	FIELD PAINT
PNT-2	PAINT	SHERWIN WILLIAMS	EG-SHEL	DEBONAIR SW 9139	--	--	ACCENT
PNT-3	PAINT	SHERWIN WILLIAMS	EG-SHEL	EVERGREEN FOG SW 9130	--	--	ACCENT
PNT-4	PAINT	SHERWIN WILLIAMS	SEMI-GLOSS	REPOSE GRAY SW 7015	--	--	HM DOORS / FRAMES / PAINTED WD TRIM
PNT-5	PAINT	SHERWIN WILLIAMS	--	HIGH REFLECTIVE WHITE SW 7757	--	--	EXIST STRUCTURE ABOVE
PLAM-1	PLASTIC LAMINATE	WILSONART	MATTE FINISH	FOSSIL SHALE D504-60	--	--	CABINETS
PLAM-2	PLASTIC LAMINATE	ARBORITE	--	ELEMENTAL ORIGIN P423 RM	--	--	WALL PANELS
PLAM-3	PLASTIC LAMINATE	WILSONART	MATTE FINISH	SHADOW ZEPHYR 4857-60	--	--	COUNTERTOP
RB-1	RESILIENT BASE	JOHNSONITE	STANDARD COVE	CHARCOAL 20	4" TALL x ROLL	FIELD FORMED CORNERS	
SS-1	SOLID SURFACE	NOT USED	--	--	--	--	
TS-1	TRANSITION STRIP	JOHNSONITE	SLT-31-A	CHARCOAL 20	--	--	CPT TO LVT
TS-2	TRANSITION STRIP	JOHNSONITE	FIELD VERIFY	CHARCOAL 20	FIELD VERIFY	--	LVT TO EXIST
WT-1	WINDOW TREATMENTS	NOT USED	--	--	--	--	--

### ROOM FINISH SCHEDULE

ROOM #	ROOM NAME	FLOOR		WALLS				MILLWORK		COMMENTS
		FLOOR	BASE	NORTH	EAST	SOUTH	WEST	HORIZ.	VERT.	
101	NEW STAFF AREA	CPT-1	RB-1	EXIST / PNT-2 / PNT-3	PLAM-2	PLAM-2	PLAM-2	--	--	1
102	NEW ADMIN RECEPTION	LVT-1	RB-1	PNT-1	EXIST	PNT-3	--	--	--	
103	SITE SUPERVISOR'S OFFICE	CPT-1	RB-1	EXIST	PNT-2	PNT-1	--	--	--	
104	KITCHENETTE	LVT-1	RB-1	PNT-2	EXIST	--	PNT-1	PLAM-3	PLAM-1	
105	NEW OFFICE	CPT-1	RB-1	PNT-2	PNT-1	PNT-1	PNT-1	--	--	
106	NEW RESOURCE AREA	LVT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	--	--	
107	NEW SUPPLY AREA	LVT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	--	--	

### ROOM FINISH SCHEDULE COMMENTS

1. PROVIDE PLASTIC LAMINATE PLAM-2 @ PLYWD PANELS BELOW STOREFRONT WINDOWS. REPLACE PLYWD IF REQUIRED FOR SUCCESSFULL PLASTIC LAMINATE INSTALLATION. WOOD CAP IS TO BE PAINTED PNT-4

### GENERAL FINISH NOTES

- DO **NOT** PAINT EXISTING BRICK
- ALL FLOOR FINISH CHANGES AT DOORWAYS TO OCCUR UNDER CENTERLINE OF DOOR OR AT CENTER OF DOORWAY, UNLESS NOTED OTHERWISE.
- ALL RESILIENT COVE BASE CORNERS ARE TO BE FIELD FORMED.
- INTERIOR HOLLOW METAL DOOR, WINDOW AND SIDELIGHT FRAMES SHALL BE PAINTED AS SHOWN ON FINISH LEGEND.
- TRANSITION STRIPS ARE REQ'D AT ALL DIFFERING FLOOR MATERIALS UNLESS NOTED OTHERWISE. TRANSITION STRIPS ARE NOTED ON FINISH LEGEND & FINISH PLAN
- ONCE INSTALLATION OF FLOOR FINISHES IS COMPLETE, PROTECT FLOORS TO PREVENT DAMAGE DURING THE REMAINDER OF THE PROJECT CONSTRUCTION. CLEAN AND FINISH FLOORS PER MANUFACTURER'S RECOMMENDATIONS PRIOR TO FINAL COMPLETION AND INSPECTION.
- PROVIDE SCHEDULED WALL BASE ALONG THE BOTTOM OF ALL CASEWORK.
- PAINT ALL NEW EXPOSED CONDUIT TO MATCH ADJACENT WALL/CEILING/STRUCTURE FINISHES.



20 OCTOBER 2023



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CHILD START - 2nd STREET

1510 EAST 2ND STREET  
WICHITA, KS 67214

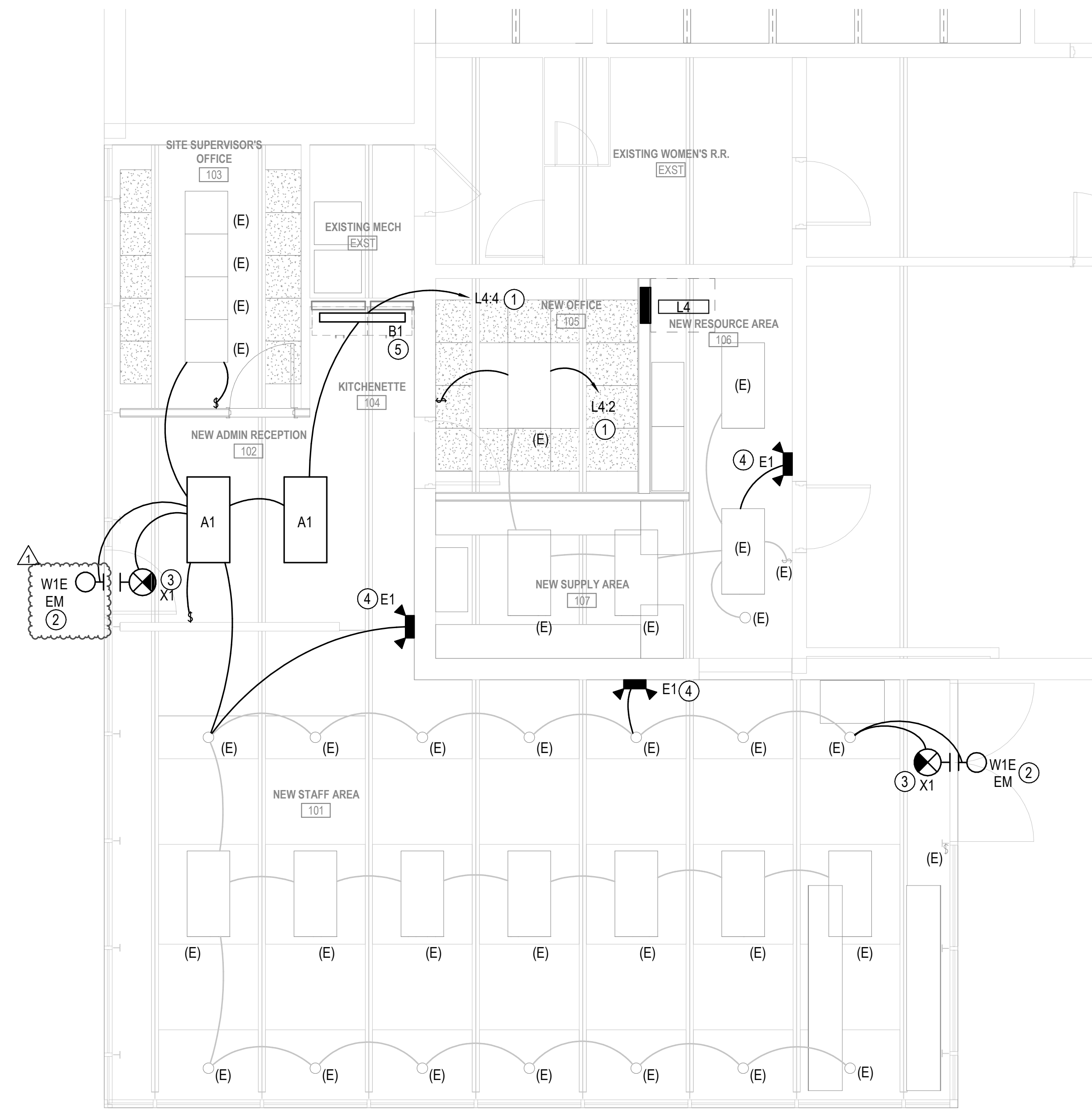
PRINTS ISSUED  
11-10-2023 FOR BIDDING  
01-24-2024 FOR PERMIT

REVS.		
NO.	DATE	DESC.
3	02.09.24	ADDENDUM #02

WDM No. 23016  
drawn: adw  
checked: sjl

FINISH PLAN

A-901



**ELECTRICAL LIGHTING IMPROVEMENT PLAN**

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

0' 1' 2' 4' 8'

### KEYED NOTES

1. CREATE NEW SWITCHED LIGHTING CIRCUIT. CONNECT TO EXISTING LIGHT FIXTURES AS SHOWN. INTERCEPT EXISTING CIRCUIT, REMOVE UNUSED CONDUIT AND WIRE BACK TO SOURCE.
2. MOUNT WALL PACK LIGHT FIXTURE TO EXISTING EXTERIOR WALL. CONNECT TO UNSWITCHED CIRCUIT AS SHOWN.
3. MOUNT BOTTOM OF EXIT SIGN 6" ABOVE TOP OF DOOR. COONECT TO UNSWITCHED CIRCUIT AS SHOWN.
4. MOUNT EGRESS LIGHT ON WALL 6" BELOW STRUCTURE. CONNECT TO UNSWITCHED CIRCUIT AS SHOWN.
5. MOUNT FIXTURE TO BOTTOM OF UPPER CABINETS.



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## CHILD START ON SECOND STREET A REMODEL

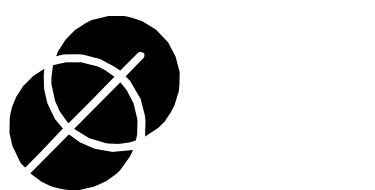
2nd St & Mathewson

PRINTS ISSUED  
11-02-2023 FOR BIDDING

REVS.		
NO.	DATE	DESC.
1	01-26-24	MABCD REVIEW

WDM No. 23016  
drawn: JAC  
checked: GAKH

ELECTRICAL LIGHTING  
IMPROVEMENT PLAN



**MKEC**

Wichita, KS • 316.684.9600  
PROJECT: 2301060536

# E-301

PANEL: MDP					BRANCH PANELBOARD - NORMAL POWER											
LOCATION: PURPLE CLASSROOM EXST FED FROM: MOUNTING: Surface ENCLOSURE: Type 1					VOLTAGE: 120/208 PHASE: 3 WIRES: 4				A.I.C.: MAINS: 400 A M.C.B.: N/A				LOAD TYPE: L=LIGHTING, R=RECEPTACLE, M=MOTORS, Ho=HOSPITAL, K=KITCHEN, H=HEAT, Mi=MISC			
CKT	LOAD DESCRIPTION	TRIP	POLE	TYPE	A		B		C		TYPE	POLE	TRIP	LOAD DESCRIPTION	CKT	
1	AC EAST	80 A	3	--	0	0					--	3	80 A	AC WEST	2	
3							0	0		0					0	4
5										0					0	6
7					0	0										8
9	PANEL L1	100 A	3	--			0	0			--	3	100 A	PANEL L3	10	
11									0	0					12	
13	PANEL L4 (2)	100 A	3	Spare; R; L	1735	0					--	3	200 A	PANEL L2	14	
15							2644	0							16	
17									2260	0						18
TOTAL LOAD / PHASE (VA)					1735 VA		2644 VA		2260 VA							
TOTAL AMPS / PHASE					14.5 A		22.7 A		19.5 A							
LOAD SUMMARY																
LOAD TYPES		CONNECTED LOAD		DEMAND FACTOR		DEMAND		PANEL TOTALS								
LIGHTS		1499 VA		1.25 CONTINUOUS		1874 VA		TOTAL CONN. LOAD (VA)				6639				
RECEPTACLES		5140 VA		Per NEC Table 220.44		5140 VA		TOTAL DEMAND LOAD (VA)				7014				
MOTORS				Per NEC 220.50				TOTAL CONN. CURRENT				18.4				
HOSPITAL				Per NEC Table 220.11				TOTAL DEMAND CURRENT				19.5				
KITCHEN				Per NEC Table 220.56												
HEAT				Per NEC 220.51												
MISC				1.00												
NOTES: 1. EXISTING LOADS FOR REFERENCE ONLY. 2. CONNECT NEW LOAD TO EXISTING BREAKER.																

LIGHT FIXTURE SCHEDULE												
FIXT. LTR.	MANUFACTURER	CATALOG NUMBER	LAMPS		DRIVER		FIXT. VOLT.	FINISH	MOUNTING	FIXTURE VA	REMARKS/DESCRIPTION	SPECIFIC NOTES
			#	TYPE	#	TYPE						
A1	WILLIAMS	BP-24-LS/8CS-DRV-UNV-BP24SMK-W	-	LED	1	DIM-TO-OFF	120	STANDARD	SURFACE	50	2X4 LED PANEL WITH SURFACE MOUNT KIT	
B1	COOPER	UCL-4-LD2-35-A12125-ED-UNV-WRS/120	-	LED	1	NON-DIM	120	STANDARD	UNDER CABINET	21	4' LED UNDER CABINET LIGHT WITH ROCKER SWITCH	
E1	WILLIAMS	EMER/LED-WHT-SDT-D	-	LED	1	NON-DIM	120	WHITE	WALL/CEILING	2	EGRESS LIGHTING	
W1E	COOPER	XTOR6B-CBP	-	LED	1	NON-DIM	120	STANDARD	WALL	52	LED WALL PACK WITH BATTERY PACK	
X1	WILLIAMS	EXIT/EMI/LED-R-WHT-SDT-D	-	LED	1	NON-DIM	120	STANDARD	WALL/CEILING	3	EXIT SIGNAGE	

GENERAL NOTES (APPLY TO ALL LIGHTING):

A. ALL LIGHTING FIXTURES SHALL BE RATED FOR LIGHTING POWER CIRCUIT VOLTAGE. CONTRACTOR MUST VERIFY ALL LOCATIONS.

B. ELECTRICAL CONTRACTOR SHALL CHECK AND COORDINATE ALL LIGHTING FIXTURE CATALOG NUMBERS WITH THE INTENT OF FIXTURE DESCRIPTIONS, LISTED ACCESSORIES AND TYPE OF INSTALLATION.

C. ELECTRICAL CONTRACTOR SHALL PROVIDE EACH LIGHTING FIXTURE COMPLETE WITH PLASTER FRAMES AND ALL OTHER INSTALLATION AND HANGING HARDWARE AS REQUIRED FOR A COMPLETE AND FINISHED INSTALLATION AT EACH FIXTURE LOCATION.

D. ALL FIXTURES SHALL BE LISTED BY A NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL) AND LABELED. ALL LIGHTING FIXTURES EXPOSED TO WEATHER, MOISTURE, OR OTHER ENVIRONMENTS SHALL BEAR THE APPLICABLE ENVIRONMENTAL OR APPLICATION LABEL.

E. ALL EXIT/DIRECTIONAL SIGNS SHALL BE INSTALLED COMPLETE WITH ALL INSTALLATION AND HANGING ACCESSORIES TO PROVIDE AN UNOBSTRUCTED VIEW OF EACH SIGN FACE. SIGNS WILL BE ADJUSTED AS NECESSARY WITHOUT ADDITIONAL COST TO THE OWNER.

F. SIGNS TO READ "EXIT". SIGNS WILL BE SINGLE OR DOUBLE FACE, WITH OR WITHOUT DIRECTIONAL ARROWS, AS SHOWN ON PLANS. SIGNS IN GENERAL WILL BE CEILING MOUNTED, LOCATED AND ADJUSTED FOR BEST VIEW. PENDANTS SHALL NOT BE USED UNLESS SPECIFICALLY INDICATED ON PLANS. SHADED PORTION OF EXIT SYMBOL DENOTES ILLUMINATION FACE.

G. REFER TO APPLICABLE SECTIONS OF THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS FOR LIGHTING FIXTURES.

H. VERIFY ALL LIGHTING FIXTURE LOCATIONS, FINISHES AND CEILING TYPES WITH ARCHITECT PRIOR TO INSTALLING. VERIFY VOLTAGE WITH ENGINEER PRIOR TO INSTALLING.

I. ELECTRICAL CONTRACTOR TO FIELD ADJUST AIMING PATTERN OF EXTERIOR LIGHTS AT NIGHT SESSION. OWNER & ARCHITECT TO DETERMINE TIME AND DATE.

J. SURFACE MOUNTED FIXTURES MOUNTED TO A "T" BAR CEILING GRID SHALL BE FASTENED TO GRID IN FOUR PLACES TO INSURE RIGID SUPPORT.

K. INSTALLATION ELEVATION SHOWN IS FROM AFF OR AFG AS OBVIOUSLY APPLICABLE. TO CENTER OF OUTLET BOX, UNLESS OTHERWISE NOTED.

L. FIXTURE SUBSTITUTIONS: SHALL BE SUBMITTED IN WRITING TO THE ENGINEER FOR APPROVAL, 7 BUSINESS DAYS PRIOR TO BID. SUBMIT CUT SHEETS OF SPECIFIED ITEM ALONG WITH A CUT SHEET OF THE DESIRED SUBSTITUTION, WITH ALL DIFFERENCES NOTED. EMAIL CUT SHEETS INCLUDING PHOTOMETRIC INFORMATION TO ELECTRICAL ENGINEER. FAX TRANSMISSIONS ARE NOT ACCEPTABLE. SUBSTITUTIONS NOT SUBMITTED AS PER THIS PROCEDURE WILL NOT BE CONSIDERED. THE ENGINEER'S DECISION OF APPROVAL OR DISAPPROVAL OF A PROPOSED SUBSTITUTE SHALL BE FINAL.

M. SHOP DRAWINGS: DIFFERENCES SHALL BE SPECIFICALLY NOTED ON THE "SHOP DRAWINGS," THIS INCLUDES BUT IS NOT LIMITED TO: FIXTURE SUBSTITUTIONS, LAMPS, VOLTAGE, MOUNTING, PHYSICAL DIMENSIONS AND FINISHES. FAILURE TO COMPLY DOES NOT RELIEVE THE CONTRACTOR OF DESIGN DOCUMENT INTENTION AND WILL NOT BE REASON FOR ADDITIONAL REIMBURSEMENT. ADDITIONAL REQUIREMENTS MAY BE FOUND ELSEWHERE IN THE DRAWINGS OR SPECIFICATIONS.

PANEL: L3				BRANCH PANELBOARD - NORMAL POWER														
LOCATION: EXISTING MECH EXST FED FROM: MOUNTING: Surface ENCLOSURE: Type 1				VOLTAGE: 120/208 PHASE: 3 WIRES: 4				A.I.C.: MAINS: 200 A M.C.B.: N/A				LOAD TYPE: L=LIGHTING, R=RECEPTACLE, M=MOTORS, Ho=HOSPITAL, K=KITCHEN, H=HEAT, Mi=MISC						
CKT	LOAD DESCRIPTION	TRIP	POLE	TYPE	A		B		C		TYPE	POLE	TRIP	LOAD DESCRIPTION		CKT		
1	DISHWASHER	40 A	2	--	0	0					--	3	60 A	AC UNITS 2 & 3	2			
3							0	0								4		
5	OFFICE FURNITURE	20 A	1	--					0	0	--	1	20 A	TELEPHONE	6			
7	OFFICE FURNITURE	20 A	1	--	0	0									8			
9	OFFICE FURNITURE	20 A	1	--			0	--			--	1	--	Space	10			
11	Spare	20 A	1	--					0	0					12			
13	RECEPTS UPSTAIRS...	20 A	1	--	0	0					--	1	20 A	UPSTAIRS STORAGE L ODD	14			
15	COPIER	20 A	1	--			0	0							16			
17	Spare	20 A	1	--					0	0	--	1	20 A	FIRE ALARM PANEL	18			
19	ATTIC LIGHTS	20 A	1	--	0	0									20			
21	KITCHEN LIGHTS	20 A	1	--			0	0			--	1	20 A	101-102 OFFICE & RECEPTS	22			
23	FURNACE	20 A	1	--					0	0					24			
25	RECEPTS FURNACE RM.	20 A	1	--	0	0					--	1	20 A	NW OFFICE LIGHTS	26			
27	HALLWAY RECEPTS	20 A	1	--			0	0							28			
29	SECURITY	20 A	1	--					0	0	--	1	20 A	WARMER EAST	30			
31	FREEZER	20 A	1	--	0	0									32			
33	REFRIGERATOR	20 A	1	--			0	0			--	1	20 A	OFFICE & RECEPTION LIGHT	34			
35	MICROWAVE WEST	20 A	1	--					0	0					36			
37	AC UNIT 1	35 A	3	--	0	0					--	1	20 A	DISHWASHER/DISPOSAL	38			
39							0	0								40		
41									0	0								42
TOTAL LOAD / PHASE (VA)					0 VA		0 VA		0 VA									
TOTAL AMPS / PHASE					0.0 A		0.0 A		0.0 A									
LOAD SUMMARY																		
LOAD TYPES		CONNECTED LOAD		DEMAND FACTOR		DEMAND		PANEL TOTALS										
LIGHTS				1.25 CONTINUOUS				TOTAL CONN. LOAD (VA)									0	
RECEPTACLES				Per NEC Table 220.44				TOTAL DEMAND LOAD (VA)									0	
MOTORS				Per NEC 220.50				TOTAL CONN. CURRENT									0.0	
HOSPITAL				Per NEC Table 220.11				TOTAL DEMAND CURRENT									0.0	
KITCHEN				Per NEC Table 220.56														
HEAT				Per NEC 220.51														
MISC				1.00														
NOTES:																		
1. EXISTING PANEL FOR REFERENCE. LABEL VACATED CIRCUITS AS SPARE.																		

PANEL: L4					BRANCH PANELBOARD - NORMAL POWER											
LOCATION: NEW RESOURCE AREA 106 FED FROM: MDP MOUNTING: Recessed ENCLOSURE: Type 1					VOLTAGE: 120/208 PHASE: 3 WIRES: 4				A.I.C.: 10000 MAINS: 225 A M.C.B.: N/A				LOAD TYPE: L=LIGHTING, R=RECEPTION, M=MOTORS, Ho=HOSPITAL, K=KITCHEN, H=HEAT, Mi=MISC			
CKT	LOAD DESCRIPTION	TRIP	POLE	TYPE	A		B		C		TYPE	POLE	TRIP	LOAD DESCRIPTION	CKT	
1	R NEW OFFICE 105	20 A	1	R	360	295					L	1	20 A	L SUPPLY / OFFICE	2	
3	R KITCHENETTE	20 A	1	R			180	1204			L	1	20 A	L RECEPTION / OFFICE	4	
5	R MICROWAVE	20 A	1	R					180	0	--	1	20 A	Spare	6	
7	R NEW OFFICE 103	20 A	1	R	180	0					--	1	20 A	Spare	8	
9	R NEW RESOURCE AREA	20 A	1	R			180	0			--	1	20 A	Spare	10	
11	R NEW STAFF AREA 101	20 A	1	R					1080	0	--	1	20 A	Spare	12	
13	R NEW STAFF AREA 101	20 A	1	R	720	0					--	1	20 A	Spare	14	
15	R NEW STAFF AREA 101	20 A	1	R			720	0			--	1	20 A	Spare	16	
17	COPIER	20 A	1	R					1000	0	--	1	20 A	Spare	18	
19	R TELEVISION	20 A	1	R	180	0					--	1	20 A	Spare	20	
21	R NEW ADMIN RECEPTION	20 A	1	R			360	0			--	1	20 A	Spare	22	
23	Spare	20 A	1	--					0	0	--	1	20 A	Spare	24	
TOTAL LOAD / PHASE (VA)					1735 VA		2644 VA		2260 VA							
TOTAL AMPS / PHASE					14.5 A		22.7 A		19.5 A							
LOAD SUMMARY																
LOAD TYPES		CONNECTED LOAD		DEMAND FACTOR				DEMAND				PANEL TOTALS				
LIGHTS		1499 VA		1.25 CONTINUOUS				1874 VA								
RECEPTABLES		5140 VA		Per NEC Table 220.44				5140 VA				TOTAL CONN. LOAD (VA)				6639
MOTORS				Per NEC 220.50								TOTAL DEMAND LOAD (VA)				7014
HOSPITAL				Per NEC Table 220.11								TOTAL CONN. CURRENT				18.4
KITCHEN				Per NEC Table 220.56								TOTAL DEMAND CURRENT				19.5
HEAT				Per NEC 220.51												
MISC				1.00												
NOTES:																
1. PROVIDE PANEL WITH HINGED COVER.																