

LIGHTING FIXTURE SCHEDULE - DLA TUCSON

TYPE MARK	LAMP	WATTAGE	VOLTAGE	INITIAL NOM. LUMEN OUTPUT	CORRELATED COLOR TEMP	CRI	MOUNTING	DESCRIPTION
A1	LED	38	120	4800	3500 K	90	RECESSED	2' X 4' RECESSED LED LUMINAIRE
A1E	LED	38	120	4800	3500 K	90	RECESSED	SAME AS ABOVE WITH EMERGENCY DRIVER
A2	LED	23	120	3000	3500 K	90	RECESSED	2' X 4' RECESSED LED LUMINAIRE
A2E	LED	23	120	3000	3500 K	90	RECESSED	SAME AS ABOVE WITH EMERGENCY DRIVER
B	LED	100	120	14000	4000 K	90	SUSPENDED	16" SUSPENDED EXPLOSION PROOF ROUND LIGHT
C1	LED	9	120	750	3500 K	90	RECESSED	6" RECESSED DOWNLIGHT
C1E	LED	9	120	750	3500 K	90	RECESSED	SAME AS ABOVE WITH EMERGENCY DRIVER
C2	LED	6	120	500	3500 K	90	RECESSED	6" RECESSED DOWNLIGHT
C2E	LED	6	120	500	3500 K	90	RECESSED	SAME AS ABOVE WITH EMERGENCY DRIVER
F	LED	65	120	9000	3500 K	90	SUSPENDED	4' SUSPENDED LED LUMINAIRE WITH BUILT IN OCCUPANCY AND DAYLIGHT SENSOR
FE	LED	65	120	9000	3500 K	90	SUSPENDED	SAME AS ABOVE WITH EMERGENCY DRIVER
K	LED	18	120	1550	3500 K	90	WALL	24" WALL VANITY LUMINAIRE
M	LED	315	120	47240	3000 K	70	WALL	HIGH LUMEN FLOOD LIGHT
N	LED	34	208	4000	3000 K	80	POLE	AREA/SITE
P1	LED	462	208	51415	3500 K	80	POLE	AREA/SITE
P2	LED	135	208	17785	3500 K	80	POLE	AREA/SITE
W	LED	10	120	700	3000 K	70	WALL	WALLPACK WITH BUILT IN PHOTOCELL
X	LED	5	120				WALL	EXIT SIGN

A1

LIGHTING SCHEDULE

NTS

US Army Corps
of Engineers ®

DATE

2018

REVISION

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PAGE

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MARK

DESCRIPTION

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US Army Corps
of Engineers ®LUMINAIRE TYPE W - WALLPACK

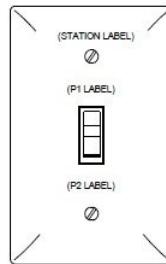
LUMINAIRE REQUIREMENTS:

1. HOUSING - DIE CAST ALUMINUM HOUSING WITH DARK BRONZE POWDER COAT FINISH.
2. OPTICS - FLAT ACRYLIC OR POLYCARBONATE LENS. TYPE IV MEDIUM DISTRIBUTION.
3. LIGHT SOURCE - SOLID STATE LEDS, 3000K CCT UNO, MINIMUM 80 CRI UNO, AND MINIMUM EFFICACY OF 70 LUMENS/WATT UNO. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.
4. DRIVER - REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120-277V, THERMAL MANAGEMENT, AND < 20% THD. ON/OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.
5. CERTIFICATION - UL LISTED FOR WET LOCATION, ROHS COMPLIANT. DLC LISTED. COMPLIES WITH IES LM79, LM80, AND TM21 TESTING STANDARDS. DARK SKY APPROVED.
6. MOUNTING - WALL MOUNTED EXTERIOR
7. OPTIONS - EMERGENCY BATTERY BACK-UP, BUILT IN PHOTOCELL.

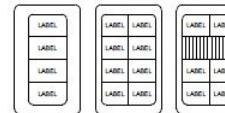
LUMINAIRE TYPE X - EXIT SIGN

LUMINAIRE REQUIREMENTS:

1. HOUSING - DIE-CAST ALUMINUM OR HIGH-IMPACT, UV-STABILIZED, WHITE INJECTION-MOLDED THERMOPLASTIC.
2. LIGHT SOURCE - SOLID STATE LEDs.
3. DRIVER - INTEGRAL, HIGH-EFFICIENCY DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120-277V, THERMAL MANAGEMENT, AND < 20% THD.
4. CERTIFICATION - NFPA 101, UL LISTED FOR DAMP OR WET LOCATION, AND ROHS COMPLIANT.
5. MOUNTING - SURFACE MOUNTED 90° AFF TO BOTTOM OF EXIT SIGN.
6. OTHER FEATURES - RED LETTERING, SINGLE OR DOUBLE SIDED WITH CHEVRONS AS INDICATED ON DRAWINGS. 90 MINUTE BATTERY BACKUP.



LOW VOLTAGE SWITCHES



TYPICAL LOW VOLTAGE SWITCH LAYOUTS TO BE

USED WITH ROOM CONTROLLERS. SHOWN FOR INFORMATIONAL PURPOSES ONLY. SEE PLANS FOR LOCATIONS AND TYPES. PROVIDE EITHER LINE OR LOW VOLTAGE SWITCHES TO MEET MANUFACTURER REQUIREMENTS.

(J1) LUMINAIRE TYPE W
NTS(J6) LUMINAIRE TYPE X
NTS(J17) TOGGLE SWITCH
NTS(J16) LOW VOLTAGE SWITCH
NTS

LIGHTING FIXTURE SCHEDULE - DLA TUCSON						
TYPE MARK	LAMP	WATTAGE	VOLTAGE	INITIAL NOM. LUMEN OUTPUT	CORRELATED COLOR TEMP	DESCRIPTION
A1	LED	36	120	4800	3500 K	90 RECESSED 2' X 4' RECESSED LED LUMINAIRE
A1E	LED	36	120	4800	3500 K	90 RECESSED SAME AS ABOVE WITH EMERGENCY DRIVER
A2	LED	23	120	3000	3500 K	90 RECESSED 2' X 4' RECESSED LED LUMINAIRE
A2E	LED	23	120	3000	3500 K	90 RECESSED SAME AS ABOVE WITH EMERGENCY DRIVER
B	LED	100	120	14000	4000 K	90 SUSPENDED 16" SUSPENDED EXPLOSION PROOF ROUND LIGHT
C1	LED	9	120	750	3500 K	90 RECESSED 6" RECESSED DOWNLIGHT
C1E	LED	9	120	750	3500 K	90 RECESSED 6" RECESSED DOWNLIGHT WITH EMERGENCY DRIVER
C2	LED	6	120	500	3500 K	90 RECESSED 6" RECESSED DOWNLIGHT
C2E	LED	6	120	500	3500 K	90 RECESSED SAME AS ABOVE WITH EMERGENCY DRIVER
F	LED	65	120	9000	3500 K	90 SUSPENDED 2' SUSPENDED LED LUMINAIRE WITH BUILT IN OCCUPANCY AND DAYLIGHT SENSOR
FE	LED	65	120	9000	3500 K	90 SUSPENDED SAME AS ABOVE WITH EMERGENCY DRIVER
K	LED	18	120	1550	3500 K	90 WALL 24" WALL VANITY LUMINAIRE
M	LED	315	120	47240	3000 K	70 WALL HIGH LUMEN FLOOD LIGHT
N	LED	31	208	4000	3000 K	80 POLE AREA SITE
P1	LED	462	250	5115	3500 K	80 POLE AREA SITE
P2	LED	1135	250	17785	3500 K	80 POLE AREA SITE
W	LED	10	120	750	3000 K	70 WALL WALLPACK WITH BUILT IN PHOTOCELL
X	LED	5	120			WALL EXIT SIGN

(A1) LIGHTING SCHEDULE
NTS

SKEETCHES ARE NON-PROPRIETARY GRAPHICAL REPRESENTATIONS OF LUMINAires THAT MAY MEET THE SPECIFICATION REQUIREMENTS. IT IS NOT INTENDED TO INDICATE A CERTAIN MANUFACTURER OR PREFERENCE.

FY20 PRIMUSIS DLA TU
DLA-Tucson Disposition Services Warehouse Reflow Project
Tucson, Arizona
LIGHTING DETAILS

SHEET ID
EL502

US ARMY CORPS OF ENGINEERS	DESIGNED BY	ISSUE DATE
SEATTLE DISTRICT	SL/DA	3/2024
4735 EAST MARSHAL WAY SOUTH	G. EBER	SAFETY DRAWING NO.:
SEATTLE, WASHINGTON 98104	J. SNIDER	CONTRACT NO.:
US ARMY CORPS OF ENGINEER	SUBMITTED BY:	
PHILADELPHIA DISTRICT		SIZE:
100 ARCHIVE SHEET		ANSI D
PHILA/PA/NA/100		

US Army Corps
of Engineers ®

LIGHTING CONTROL OCCUPANCY SENSOR GROUPING IDENTIFICATION	
GROUP NAME	OCCUPANCY SENSORS
OSG 7814	7814-106-1 7814-106-2
OSG 7815-1	7815-1-1 7815-1-2 7815-1-3 7815-1-4 7815-1-5 7815-1-6
OSG 7815-2	7815-2-1 7815-2-2 7815-2-3 7815-2-4 7815-2-5 7815-2-6
OSG 7818-CORRIDOR	7818-CORRIDOR-1 7818-CORRIDOR-2 7818-CORRIDOR-3
OSG 7818-128	7818-128-1 7818-128-2 7818-128-3
OSG 7819-1	7819-1-1 7819-1-2
OSG 7819-2	7819-2-1 7819-2-2
OSG 7819-3	7819-3-1 7819-3-2
OSG 7819-4	7819-4-1 7819-4-2
OSG 7819-5	7819-5-1 7819-5-2
OSG 7819-6	7819-6-1 7819-6-2
OSG 7822-1	7822-1-1 7822-1-2 7822-1-3 7822-1-4 7822-1-5
OSG 7822-2	7822-2-1 7822-2-2 7822-2-3 7822-2-4 7822-2-5
OSG 7823-1	7823-1-1 7823-1-2 7823-1-3
OSG 7823-2	7823-2-1 7823-2-2 7823-2-3
OSG 7823-3	7823-3-1 7823-3-2 7824-1-1 7824-1-2 7824-1-3 7824-1-4 7824-2-1 7824-2-2 7824-2-3 7824-2-4 7824-2-5 7824-3-1 7824-3-2 7824-4-1 7824-4-2 7824-4-3
OSG 7824-1	7824-1-4 7824-2-1 7824-2-2 7824-2-3 7824-2-4 7824-2-5 7824-3-1 7824-3-2 7824-4-1 7824-4-2 7824-4-3
OSG 7824-2	7824-2-6
OSG 7824-3	7824-3-1 7824-3-2 7824-4-1
OSG 7824-4	7824-4-2 7824-4-3

LIGHTING CONTROL OCCUPANCY SENSOR GROUPING IDENTIFICATION		
GROUP NAME	OCCUPANCY SENSORS	
OSG 7825-1	7825-1-1 7825-1-2 7825-1-3 7825-1-4 7825-1-5 7825-1-6 7825-2-1 7825-2-2 7825-2-3 7825-2-4 7825-2-5 7825-2-6 7825-3-1 7825-3-2 7825-3-3 45113-1-1 45113-1-2 45113-1-3 45113-1-4 45113-1-5 45113-1-6 45113-2-1 45113-2-2 45113-2-3 45113-2-4 45113-2-5 45113-2-6 45113-3-1 45113-3-2 45113-3-3 45113-3-4 45113-3-5 45113-3-6 45113-4-1 45113-4-2 45113-4-3 45113-4-4 45113-4-5 45113-4-6 45113-5-1 45113-5-2 45113-5-3 45113-5-4 45113-5-5 45113-5-6 OPTION 1-1-1 OPTION 1-1-2 OPTION 1-2-1 OPTION 1-2-2 OPTION 1-2-3 OPTION 2-1-1 OPTION 2-1-2 OPTION 2-1-3 OPTION 2-1-4 OPTION 2-2-1 OPTION 2-2-2 OPTION 2-2-3 OPTION 2-2-4	
OSG 7825-2		
OSG 7825-3		
OSG 45113-1		
OSG 45113-2		
OSG 45113-3		
OSG 45113-4		
OSG 45113-5		
OSG OPTION 1-1		
OSG OPTION 1-2		
OSG OPTION 2-1		
OSG OPTION 2-2		

LIGHTING CONTROL ZONES		
GROUP NAME	SLV ID	Occ. Sensor Device(s)
ZONE 7814-102-1	102	7814-102, \$LV102, OS
ZONE 7814-106-1	1	OSG 7814-106-1
ZONE 7814-106-2	2	OSG 7814-106-2
ZONE 7815-1	7815	OSG 7815-1
ZONE 7815-2	7815	OSG 7815-2
ZONE 7818-CORRIDOR-1	CORRIDOR	OSG 7818-CORRIDOR-1
ZONE 7818-CORRIDOR-2	CORRIDOR	OSG 7818-CORRIDOR-2
ZONE 7818-CORRIDOR-3	CORRIDOR	OSG 7818-CORRIDOR-3
ZONE 7818-128-1	128	7818-128-1
ZONE 7818-128-2	128	7818-128-2
ZONE 7818-128-3	128	7818-128-3
ZONE 7818-119-1	119	7818-119, \$LV119, OS
ZONE 7818-120-1	120	7818-120, \$LV120, OS
ZONE 7818-112-1	112	\$LV112, OS
ZONE 7818-110-1	110	7818-110, \$LV110, OS
ZONE 7818-109-1	109	7818-109, \$LV109, OS
ZONE 7818-107-1	107	\$LV107, OS
ZONE 7819-1	7819-WAREHOUSE	7819-1-1
ZONE 7819-2	7819-WAREHOUSE	7819-1-2
ZONE 7819-3	7819-WAREHOUSE	7819-2-1
ZONE 7819-4	7819-WAREHOUSE	7819-2-2
ZONE 7819-5	7819-WAREHOUSE	7819-3-1
ZONE 7819-6	7819-WAREHOUSE	7819-3-2
ZONE 7819-7	7819-WAREHOUSE	7819-4-1
ZONE 7819-8	7819-WAREHOUSE	7819-4-2
ZONE 7819-9	7819-WAREHOUSE	7819-5-1
ZONE 7819-10	7819-WAREHOUSE	7819-5-2
ZONE 7819-11	7819-WAREHOUSE	7819-6-1
ZONE 7819-12	7819-WAREHOUSE	7819-6-2
ZONE 7819-130	7819-130	7819-130, \$LV7819-130, OS
ZONE 7819-131	7819-131	\$LV7819-131, OS
ZONE 7819-133	7819-133	7819-133, \$LV7819-133, OS
ZONE 7822-1	7822	OSG 7822-1
ZONE 7822-2	7822	OSG 7822-2
ZONE 7823-1	7823	7823-1-1
ZONE 7823-2	7823	7823-1-2
ZONE 7823-3	7823	7823-1-3
ZONE 7823-4	7823	7823-2-1
ZONE 7823-5	7823	7823-2-2
ZONE 7823-6	7823	7823-2-3
ZONE 7823-7	7823	7823-3-1
ZONE 7823-8	7823	7823-3-2
ZONE 7823-9	7823	7823-3-3
ZONE 7824-1	7824	OSG 7824-1
ZONE 7824-2	7824	OSG 7824-2
ZONE 7824-3	7824	OSG 7824-3
ZONE 7824-4	7824	OSG 7824-4
ZONE 7825-1	7825	OSG 7825-1
ZONE 7825-2	7825	OSG 7825-2
ZONE 7825-3	7825	OSG 7825-3
ZONE 45113-1	45113	OSG 45113-1
ZONE 45113-2	45113	OSG 45113-2
ZONE 45113-3	45113	OSG 45113-3
ZONE 45113-4	45113	OSG 45113-4
ZONE 45113-5	45113	OSG 45113-5
ZONE OPTION 1-1	OPTION1	OSG OPTION 1-1
ZONE OPTION 1-2	OPTION1	OSG OPTION 1-2
ZONE OPTION 2-1	OPTION2	OSG OPTION 2-1
ZONE OPTION 2-2	OPTION2	OSG OPTION 2-2

FY02 TUSCON DISPOSITION SERVICES WAREHOUSE REFLW PROJECT	TUCSON, ARIZONA
DIA-TUSCON	CONTRACT NO.:
US ARMY CORPS OF ENGINEERS	CONTRACT NO.:
PHILADELPHIA DISTRICT	SUBMITTED BY:
1600 ARCH STREET	SIZE:
PHILADELPHIA, PA 19103	ANEX D

LIGHTING CONTROL SCHEDULE

SHEET ID

EL503



US Army Corps
of Engineers ®

LIGHTING CONTROL SEQUENCE OF OPERATIONS				
ROOM NAME/TYPE	BUILDING NUMBER	ROOM NUMBER	CONTROL DEVICES	SEQUENCE OF OPERATION
BREAK AREA	7814	105	LOCAL CONTROL, BILEVEL LIGHTING CONTROL, AUTOMATIC DAYLIGHT RESPONSIVE CONTROL FOR TOP AND SIDE LIGHTING, AND AUTOMATIC FULL OFF	AUTOMATIC ON TO A MAXIMUM OF 50% OF FULL LIGHTING POWER, AUTOMATIC FULL OFF AFTER 20 MINUTES OF VACANCY
CANOPY	45113, OPTION 1, AND OPTION 2	N/A	LOCAL CONTROL, BILEVEL LIGHTING CONTROL, AUTOMATIC DAYLIGHT RESPONSIVE CONTROL FOR TOP AND SIDE LIGHTING, AND AUTOMATIC PARTIAL OFF	MANUAL ON, AUTOMATICALLY DIMMED BY AT LEAST 50% AFTER 20 MINUTES OF VACANCY, SCHEDULED OFF WHEN VACANT UNLESS OCCUPANTS ENTER THE BUILDING.
CLOSET	7819	132	LOCAL CONTROL	AUTOMATIC FULL ON, AUTOMATIC FULL OFF AFTER 20 MINUTES OF VACANCY
JANITOR'S CLOSET	7818	121	LOCAL CONTROL	AUTOMATIC FULL ON, AUTOMATIC FULL OFF AFTER 20 MINUTES OF VACANCY
OPEN OFFICE (SCALE HOUSE)	7814	106	LOCAL CONTROL, BILEVEL LIGHTING CONTROL AND AUTOMATIC DAYLIGHT RESPONSIVE CONTROL FOR TOP AND SIDE LIGHTING	AUTO ON TO 50%, AUTO DAYLIGHT RESPONSE (DAYLIGHT HARVESTING) WITH CONTINUOUS DIMMING ZONES AS INDICATED ON PLANS, AUTO FULL OFF AFTER 20 MINUTES OF VACANCY
RECEPTION	7814 AND 7818	101(BLDG 7814) AND 107(BLDG 7818)	LOCAL CONTROL, BILEVEL LIGHTING CONTROL, AUTOMATIC DAYLIGHT RESPONSIVE CONTROL FOR TOP AND SIDE LIGHTING, AND AUTOMATIC PARTIAL OFF	MANUAL ON AUTOMATIC FULL OFF AFTER 20 MINUTES OF VACANCY, AUTOMATIC RESPONSIVE DAYLIGHT DIMMING WHEN DAYLIGHT IS PRESENT
SEATING AREA	7814	105	LOCAL CONTROL, BILEVEL LIGHTING CONTROL, AUTOMATIC DAYLIGHT RESPONSIVE CONTROL FOR TOP AND SIDE LIGHTING, AND AUTOMATIC PARTIAL OFF	MANUAL ON AUTOMATIC FULL OFF AFTER 20 MINUTES OF VACANCY, AUTOMATIC RESPONSIVE DAYLIGHT DIMMING WHEN DAYLIGHT IS PRESENT
STORAGE ROOMS	7818	111 AND 113	LOCAL CONTROL	AUTOMATIC FULL ON, AUTOMATIC FULL OFF AFTER 20 MINUTES OF VACANCY
TRAINING SPACE	7818	129	LOCAL CONTROL, BILEVEL LIGHTING CONTROL AND AUTOMATIC DAYLIGHT RESPONSIVE CONTROL FOR TOP AND SIDE LIGHTING	AUTO ON TO 50%, AUTO DAYLIGHT RESPONSE (DAYLIGHT HARVESTING) WITH CONTINUOUS DIMMING ZONES AS INDICATED ON PLANS, AUTO FULL OFF AFTER 20 MINUTES OF VACANCY
UTILITY	7814 AND 7818	103(BLDG 7814) AND 108(BLDG 7818)	LOCAL CONTROL	MANUAL FULL ON TO 100%, MANUAL FULL OFF
UTILITY (TR)	7822, 7823, 7824, AND 7825	N/A	LOCAL CONTROL	MANUAL FULL ON TO 100%, MANUAL FULL OFF
WAREHOUSE	7815, 7819, 7822, 7823, 7824, AND 7825	N/A	LOCAL CONTROL, BILEVEL LIGHTING CONTROL, AUTOMATIC DAYLIGHT RESPONSIVE CONTROL FOR TOP AND SIDE LIGHTING, AND AUTOMATIC PARTIAL OFF	MANUAL ON, AUTOMATICALLY DIMMED BY AT LEAST 50% AFTER 20 MINUTES OF VACANCY, SCHEDULED OFF WHEN VACANT UNLESS OCCUPANTS ENTER THE BUILDING.
WC	7814, 7818, AND 7819	102(BLDG), 109, 110, 119, 120(BLDG 7818), 130, AND 133(BLDG 7819)	AUTOMATIC DAYLIGHT RESPONSIVE CONTROL FOR TOP AND SIDE LIGHTING AND AUTOMATIC FULL OFF	AUTOMATIC ON, AUTOMATIC OFF AFTER 20 MINUTES OF VACANCY
WORKSPACE	7818	128	LOCAL CONTROL, BILEVEL LIGHTING CONTROL AND AUTOMATIC DAYLIGHT RESPONSIVE CONTROL FOR TOP AND SIDE LIGHTING	AUTO ON TO 50%, AUTO DAYLIGHT RESPONSE (DAYLIGHT HARVESTING) WITH CONTINUOUS DIMMING ZONES AS INDICATED ON PLANS, AUTO FULL OFF AFTER 20 MINUTES OF VACANCY
SITE AREA(NORTH GATE, SOUTH GATE, AND STORAGE AREA)	N/A	N/A	PHOTOCELL, MOTION SENSING, DIMMER	AUTO ON, AUTO OFF BASED ON DAYLIGHTING
STORAGE YARD (STORAGE AREA)	N/A	N/A	PHOTOCELL, MOTION SENSING, DIMMER	AUTO ON, AUTO OFF BASED ON DAYLIGHTING
EXTERIOR WALLPACK LIGHTING AROUND ALL BUILDINGS	N/A	N/A	PHOTOCELL, MOTION SENSING, DIMMER	ON AT DUSK, AUTOMATICALLY REDUCE POWER TO 30% AFTER ACTIVITY HAS NOT BEEN DETECTED FOR 10 MINUTES, AUTO FULL OFF WHEN DAYLIGHT IS DETECTED.

D1 LIGHTING CONTROL SEQUENCE OF OPERATIONS

NTS

9 DECEMBER 2024
SOLICITATION NO.:
CONTRACT NO.:

U.S. ARMY CORPS OF ENGINEERS SEATTLE DISTRICT 4735 EAST MARINAL WAY SOUTH SEATTLE, WA 98134	S. OLA DRAWN BY G. EBER
U.S. ARMY CORPS OF ENGINEER PHILADELPHIA DISTRICT 1650 ARCH STREET PHILADELPHIA, PA 19103	CHECKED BY J. SMITH SUBMITTED BY: ANSO

FY 02-03/04-05 DATA
ON DISPOSITION SERVICES WAREHOUSE REFLW PROJECT
TUCSON, ARIZONA

LIGHTING CONTROL SCHEDULE

SHEET ID

EL504

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20

GENERAL SHEET NOTES

- SEE E-001 FOR SYMBOLS AND ABBREVIATION
- 27 EXISTING EXPLOSION PROOF LIGHT FIXTURES AND 4 EMERGENCY/EXIT LIGHT FIXTURES TO BE REMOVED ALONG WITH CONDUITS AND WIRING ASSOCIATED WITH THEM THAT ARE CONNECTED ALL THE WAY TO THE PANEL.
- FIXTURE F AND FE COMES WITH A BUILT IN OCCUPANCY SENSOR AND MOTION SENSOR THAT SENSES 50' RADIUS. THESE FIXTURE ALSO COMES WITH A BUILT IN DAYLIGHT SENSOR. MOUNTING HEIGHT FOR FIXTURE F AND FE ARE 15' AFF.
- PROVIDE EMERGENCY LIGHTING AND WALLPACK LIGHTING WITH BATTERY BACKUP.
- FIXTURE W COMES WITH A BUILT IN BATTERY BACKUP. USE THIS FIXTURE AS EMERGENCY LIGHT.
- FIXTURE W MUST INCLUDE BUILT IN PHOTOCELL.

KEYNOTES

- LIGHT FIXTURES MUST UTILIZE BUILT IN DAYLIGHT SENSING FEATURE WHEN APPROPRIATE. THESE AREA MUST COMPLY WITH THE LIGHTING LEVELS IN ACCORDANCE WITH UFC 1-530-01 AND IESNA.
- DEMOLISH EXISTING WALLPACK FIXTURE.
- DEMOLISH EXISTING WALLPACK FIXTURE AND REPLACE IT WITH FIXTURE W USING EXISTING WIRES AND CONDUIT.



US Army Corps
of Engineers ®

Date _____

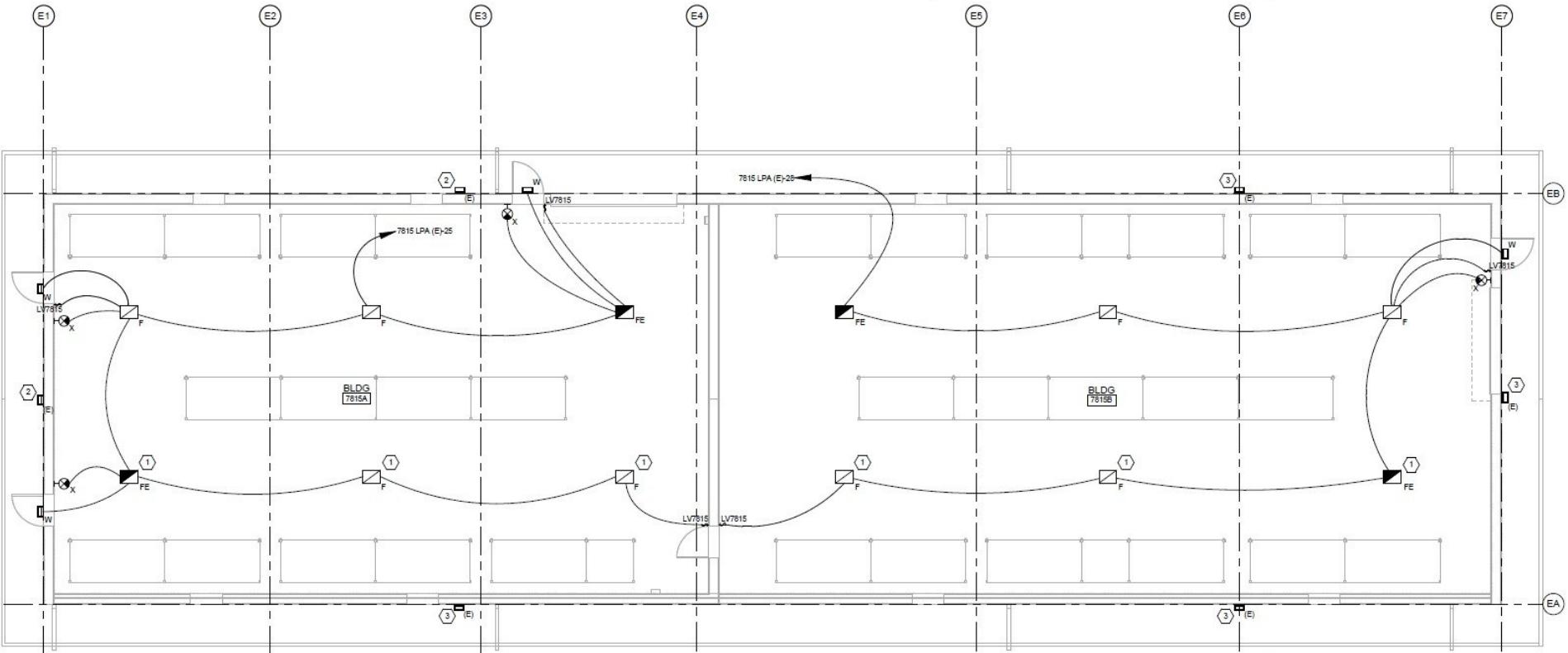
MARK _____
DESCRIPTION _____

ISSUE DATE: 02/28/2024
DRAWN BY: G. EEDEN
SOLIDATION NO.:
CONTRACT NO.:
CHECKED BY:
SUBMITTED BY:
SIZE: A3
A.R.D.

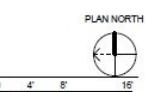
US ARMY CORPS OF ENGINEERS
SEATTLE DISTRICT
4755 E 41ST STREET, SOUTH
SEATTLE, WASHINGTON 98103
US ARMY CORPS OF ENGINEER
PHILADELPHIA, PA 19103
FY23 PRINCIPAL CLARITY
DISPOSITION SERVICES WAREHOUSE REFLW PROJECT
DIA - TUSCON, ARIZONA
PROPOSED LIGHTING FLOOR PLAN - BLDG 7815

SHEET ID

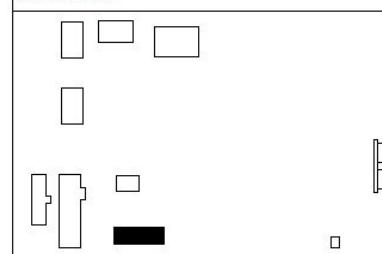
EL102A



(A1) PROPOSED LIGHTING FLOOR PLAN - BLDG 7815 "(E)"



KEY PLAN



1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20

GENERAL SHEET NOTES

- SEE E-001 FOR SYMBOLS AND ABBREVIATION
 - SEE EL501 AND EL 502 FOR LIGHTING DETAILS AND LIGHTING SCHEDULE
 - THE AREA WHERE THE NEW LIGHT FIXTURE ARE INSTALLED
REQUIRES THE DEMOLITION OF ALL LIGHTING FIXTURES IN
THAT VICINITY (APPROXIMATELY 25-30), EXISTING LIGHTING
SYSTEM TO BE DEMOLISHED IN ITS ENTIRETY INCLUDING
LIGHTING FIXTURES, CONDUIT, CONDUCTORS, SWITCHES,
CONTACTORS AND ANY OTHER EQUIPMENT RELATED TO THE
LIGHTING SYSTEM.

GENERAL SHEET NOTES (CONT.)

4. PROVIDE EMERGENCY LIGHTING AND WALLPACK LIGHTING WITH BATTERY BACKUP
 5. SHADED AREAS INDICATE OUT OF SCOPE AREAS FOR LIGHTING ONLY.
 6. FIXTURE W MUST INCLUDE BUILT IN PHOTOCELL.

KEYNOTES

1. DEMOLISH EXISTING WALLPACK FIXTURE.

2. DEMOLISH EXISTING WALLPACK FIXTURE AND REPLACE IT WITH FIXTURE W USING EXISTING CIRCUIT.

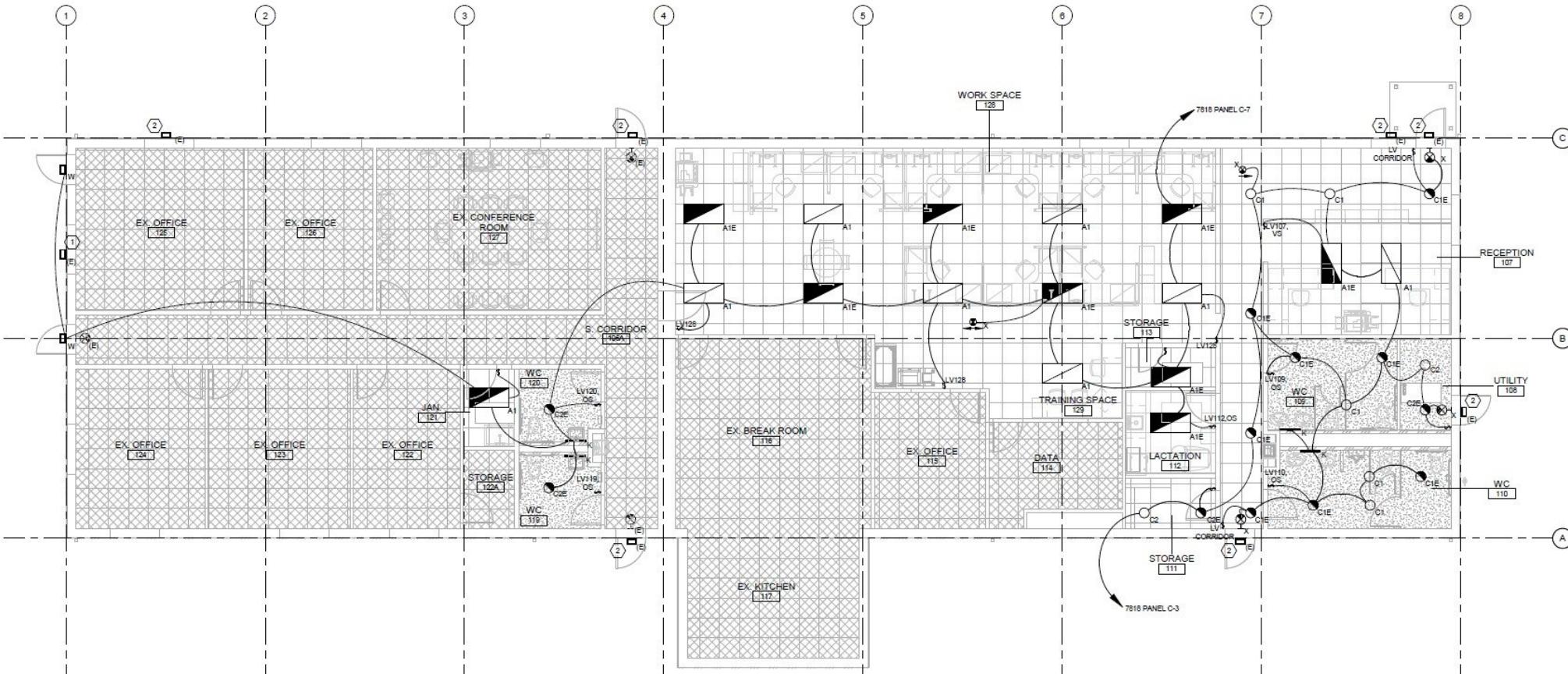


DATE
NATION

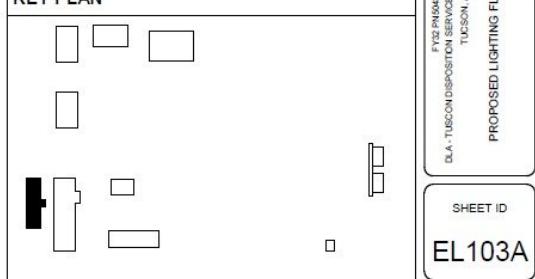
U.S. ARMY CORPS OF ENGINEERS		DESIGNED BY S. C. LA.	ISSUE DATE DECEMBER 2024
SEATTLE DISTRICT		DRAWN BY: J. S. MARMOR	SOLICITATION NO.: 100-00000000
745 EAST MARSHALL, SUITE 900 SEATTLE, WASHINGTON 98154		CHECKED BY: J. S. MARMOR	CONTRACT NO.
US ARMY CORPS OF ENGINEER	PHILADELPHIA DISTRICT	SUBMITTED BY:	
1650 ARCH STREET,	PHILADELPHIA, PA 19103	AS ENCL	ANSI D

FY12-PR054045 DLTU
TUSCON DISPOSITION SERVICES WAREHOUSE REFLW PROJECT
TUCSON, ARIZONA

PROPOSED LIGHTING FLOOR PLAN - BLDG 7818



KEY PI AN



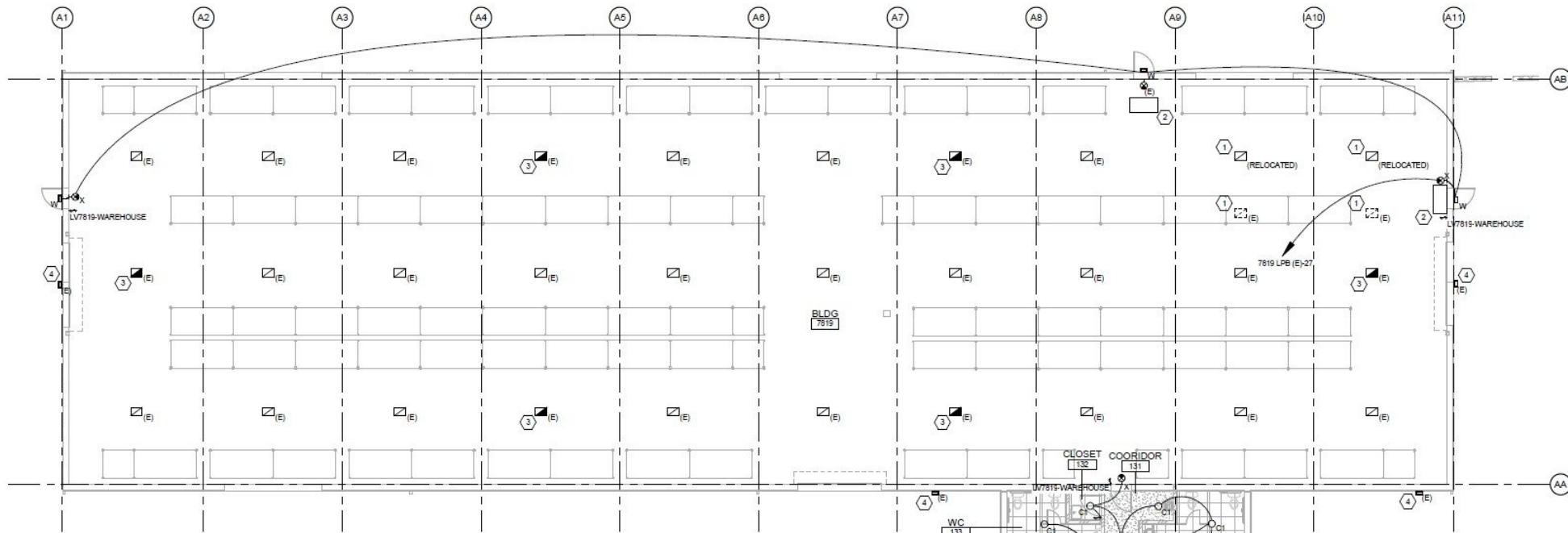
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GENERAL SHEET NOTES

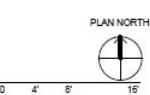
- SEE E-001 FOR SYMBOLS AND ABBREVIATION
- PROVIDE EMERGENCY LIGHTING AND WALLPACK LIGHTING WITH BATTERY BACKUP
- FIXTURE W MUST INCLUDE BUILT IN PHOTOCELL
- 12 EXISTING LIGHT FIXTURES IN WC, 1 EXISTING LIGHT FIXTURE IN CORRIDOR, AND 1 EXISTING LIGHT FIXTURE IN EACH CLOSET MUST BE DEMOLISHED AND REPLACED WITH NEW LIGHT FIXTURES AS SHOWN ON THE DRAWING.
- DEMOLISH LIGHT FIXTURE ABOVE THE DOOR AND EXIT SIGN PER SHEET AD104 KEYNOTE 63.

KEYNOTES

- RELOCATE THE TWO EXISTING LIGHT FIXTURE TO A NEW LOCATION AS SHOWN ON THE DRAWING.
- THIS IS A WALL MOUNTED LIGHT FIXTURE OVER THE DOOR. THIS LIGHT FIXTURE MUST BE REPLACED BY LED LIGHTS AND MUST BE CONNECTED TO EXISTING CIRCUIT.
- REPLACE SIX EXISTING 2' X 4' LIGHT FIXTURES, AS SHOWN IN THE DRAWING, WITH SIMILAR LIGHT FIXTURES THAT INCLUDE AN EMERGENCY BATTERY BACKUP. THE CONTRACTOR IS RESPONSIBLE FOR MATCHING THE EXISTING LIGHT FIXTURE SPECIFICATION AND CONNECTING THEM TO THE EXISTING CIRCUIT.
- DEMOLISH EXISTING WALLPACK FIXTURE AND REPLACE IT WITH FIXTURE W USING EXISTING CIRCUIT.



PROPOSED LIGHTING FLOOR PLAN - BLDG 7819 - "A"



US Army Corps
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DATE

ISSUE DATE: 02-2004

SOLOMON INC.

CONTRACT NO.:

CHECKED BY:

J. LANDER

SUBMITTED BY:

SIZE:

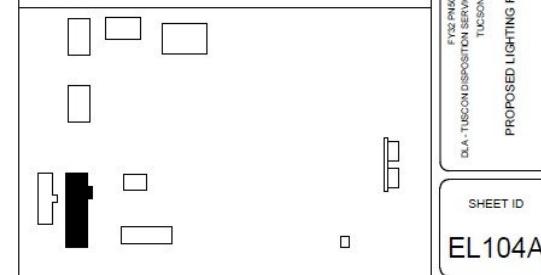
ANSI D

US ARMY CORPS OF ENGINEERS
SEATTLE DISTRICT
4705 EASTMARCH WAY SOUTH
SEATTLE, WASHINGTON 98104
US ARMY CORPS OF ENGINEER
PHILADELPHIA DISTRICT
PHILADELPHIA, PA 19103
FY02 PH04045 DATU
Tucson, Arizona
DLA-TUSCON DISPOSITION SERVICES WAREHOUSE REFLW PROJECT
PROPOSED LIGHTING FLOOR PLAN - BLDG 7819

SHEET ID

EL104A

KEY PLAN



1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20

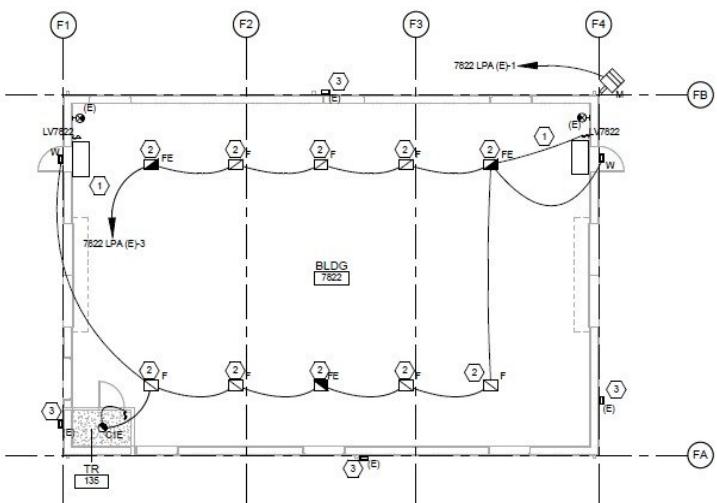
GENERAL SHEET NOTES

- SEE E-001 FOR SYMBOLS AND ABBREVIATION
- 12 EXISTING LIGHTING SYSTEM AND 2 EMERGENCY/ EXIT LIGHTING TO BE DEMOLISHED IN ITS ENTIRETY INCLUDING LIGHTING FIXTURES, CONDUIT, CONDUCTORS, SWITCHES, CONTACTORS AND ANY OTHER EQUIPMENT RELATED TO THE LIGHTING SYSTEM.
- PROVIDE EMERGENCY LIGHTING AND WALLPACK LIGHTING WITH BATTERY BACKUP
- Fixture F and FE comes with a built in occupancy sensor and motion sensor that senses 50' radius. These fixture also comes with a built in daylight sensor. Mounting height for fixture F and FE are 15' AFF.
- Fixture M and W must have a built in photocell.

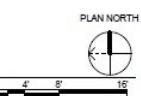


US Army Corps
of Engineers ®

DATE



(A1) PROPOSED LIGHTING FLOOR PLAN - BLDG 7822 - "F"



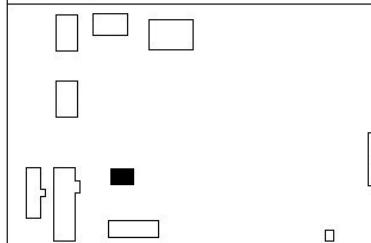
KEYNOTES ◻

- THIS IS A WALL MOUNTED LIGHT FIXTURE OVER THE DOOR. THIS LIGHT FIXTURE MUST BE REPLACED BY LED LIGHTS AND MUST BE CONNECTED TO EXISTING CIRCUIT.
- LIGHT FIXTURES MUST UTILIZE BUILT IN DAYLIGHT SENSING FEATURE WHEN APPROPRIATE. THESE AREA MUST COMPLY WITH THE LIGHTING LEVELS IN ACCORDANCE WITH UPC 1-530-01 AND IESNA.
- DEMOLISH EXISTING WALLPACK FIXTURE AND REPLACE IT WITH FIXTURE W USING EXISTING CIRCUIT.
- FIXTURE M MUST BE MOUNTED ON A BRACKET

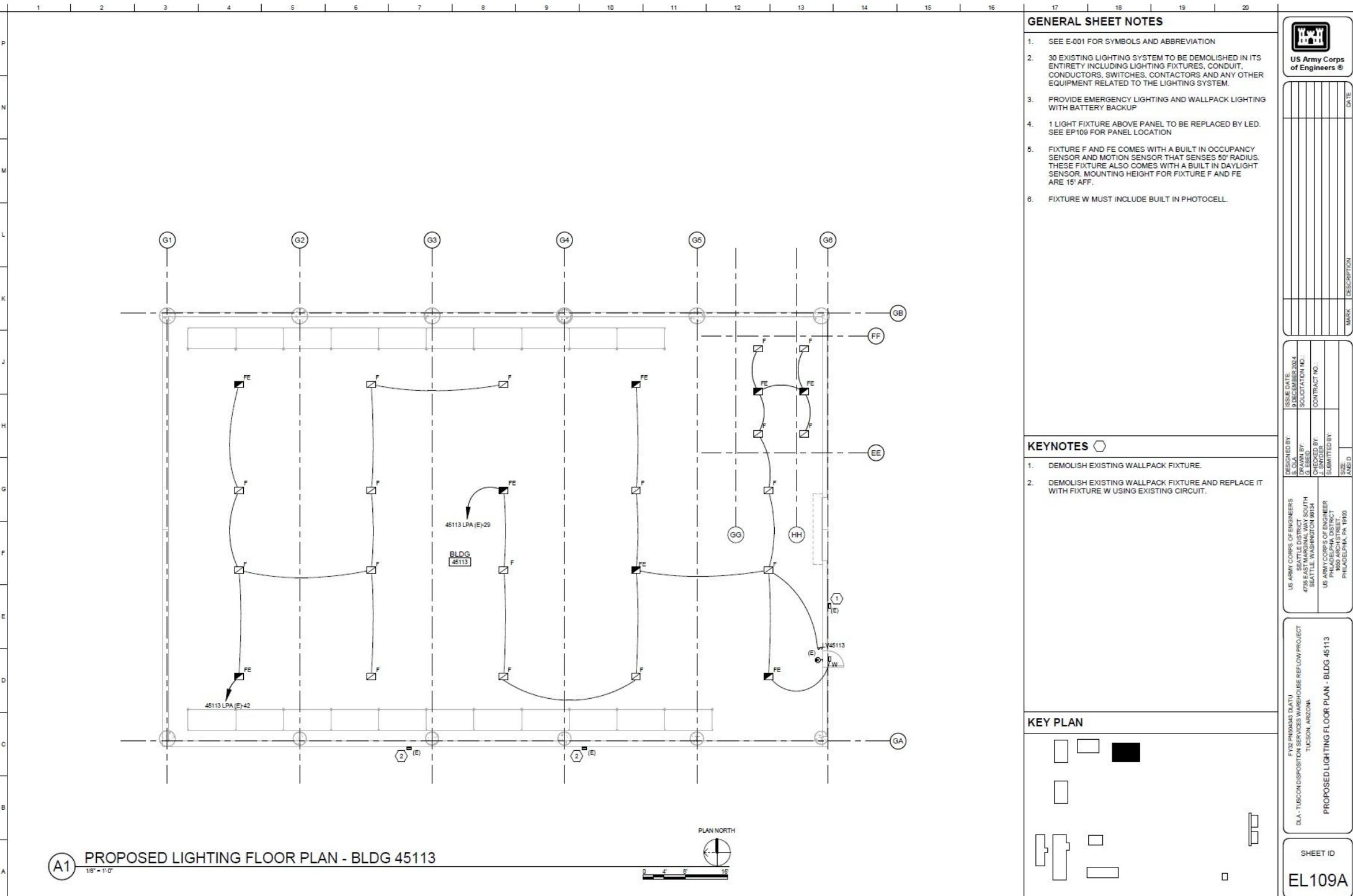
FY20 ENHANCED DIA TAU
DATA CENTER DISPOSITION SERVICES WAREHOUSE REF ID:OW PROJECT
TUCSON, ARIZONA
PROPOSED LIGHTING FLOOR PLAN - BLDG 7822

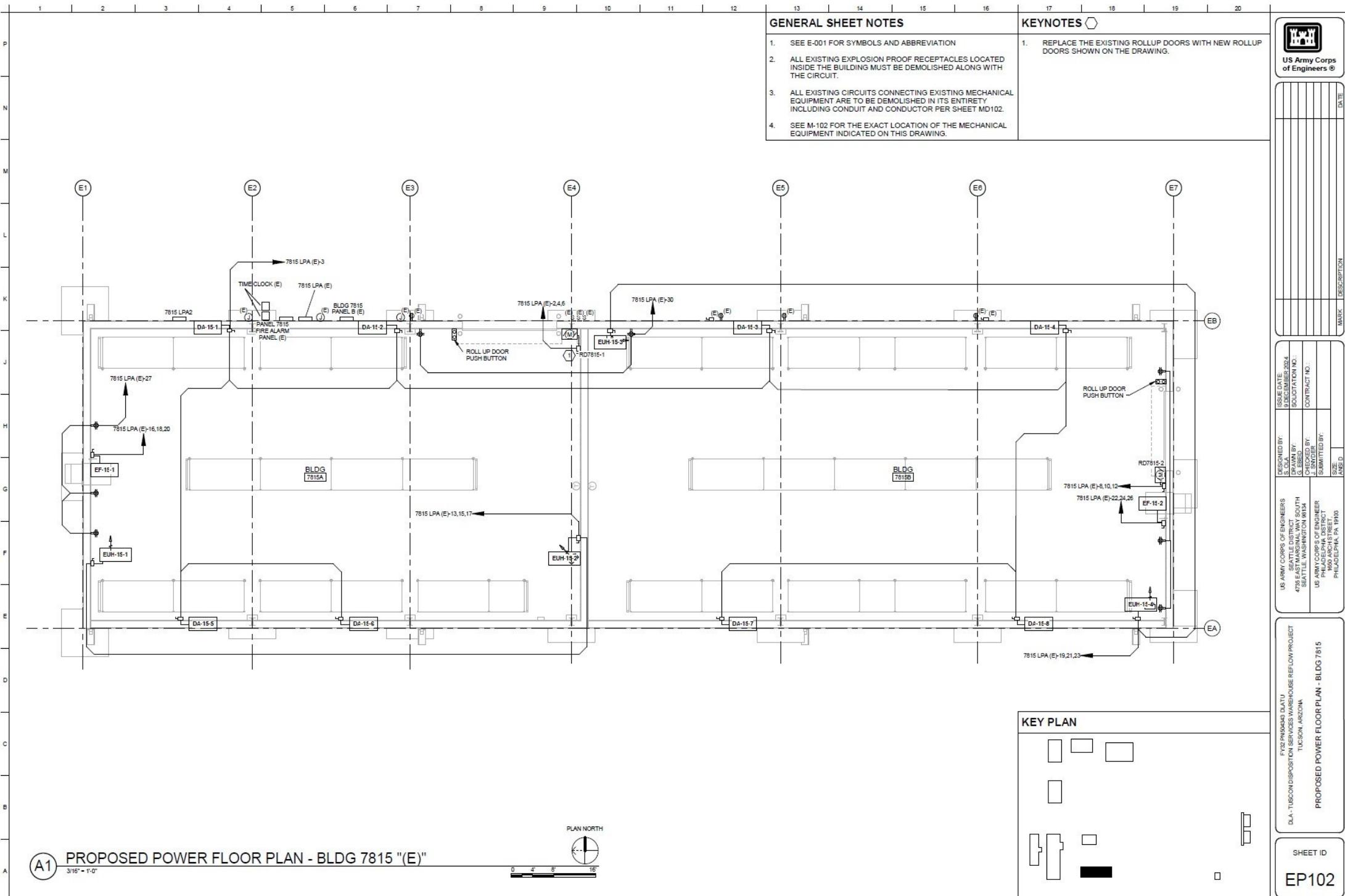
SHEET ID
EL105A

KEY PLAN



ISSUE DATE:	9 DECEMBER 2024
DESIGNED BY:	S. CLA
DRAWN BY:	
CHECKED BY:	J. SHIVERER
CONTRACT NO.:	
SUBMITTED BY:	
SIZE AND D:	
US ARMY CORPS OF ENGINEERS SEATTLE DISTRICT 475 EAST MARINELAY SOUTH SEATTLE, WASHINGTON 98134	
US ARMY CORPS OF ENGINEER PHILADELPHIA DISTRICT 1500 ARCH STREET PHILADELPHIA, PA 19106	





GENERAL SHEET NOTES

- SEE E-001 FOR SYMBOLS AND ABBREVIATION
- SEE A-103 FOR EXACT LOCATION OF THE GATE CONTROL BOX
- SEE C1/E5505 FOR GATE CONTROL DETAIL
- ALL GFI RECEPTACLE SHOWN ON THE DRAWING MUST BE READILY ACCESSIBLE FOR REFRIGERATOR, WATER FOUNTAIN, AND MICROWAVES.
- SHADED AREAS INDICATE OUT OF SCOPE AREAS FOR ELECTRICAL AND TELECOM ONLY.

GENERAL SHEET NOTES (CONT.)

- ALL EXISTING RECEPTACLES WITHIN DESIGNATED RENOVATION AREA MUST BE DEMOLISHED ALONG WITH THE CIRCUIT.
- ALL EXISTING CIRCUITS CONNECTING TO EXISTING MECHANICAL EQUIPMENT ARE TO BE DEMOLISHED IN ITS ENTIRETY INCLUDING CONDUIT AND CONDUCTOR PER SHEET MD103.
- MONITOR MUST BE PROVIDED FOR CCTV CONTROL.
- SEE M-101 AND P-101 FOR THE EXACT LOCATION OF THE MECHANICAL AND PLUMBING EQUIPMENT INDICATED ON THIS DRAWING.

GENERAL SHEET NOTES (CONT.)

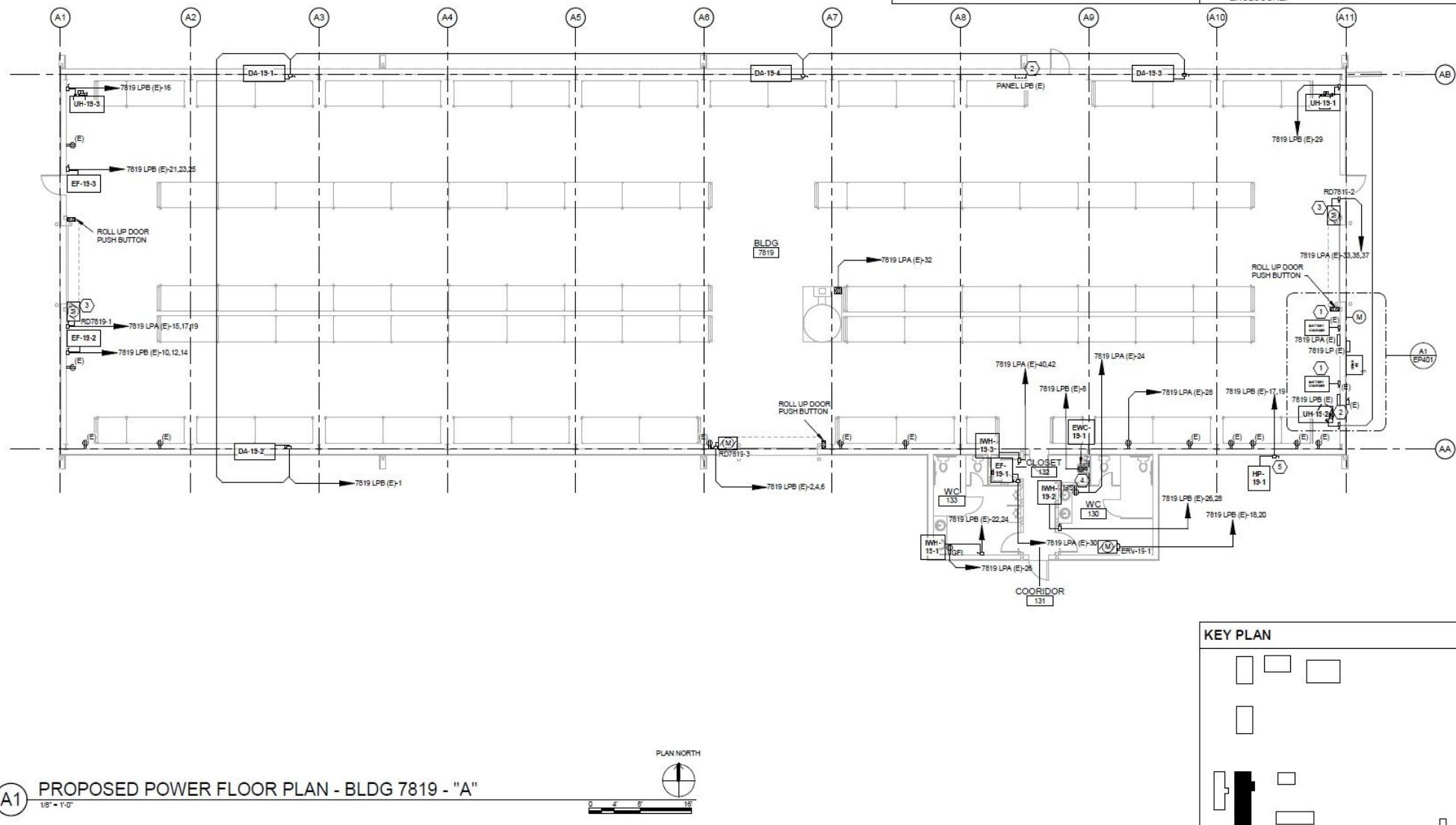
- SEE M-103, P-102, AND P-401 FOR THE EXACT LOCATION OF THE MECHANICAL AND PLUMBING EQUIPMENT INDICATED ON THIS DRAWING.

KEYNOTES ◊

- THE CONTRACTOR IS RESPONSIBLE FOR CIRCUITING THE MODULAR OFFICE DESKS AS PER THE MANUFACTURER'S RECOMMENDATION. SEE C1/P102 FOR THE AMOUNT OF CIRCUIT TO BE PROVIDED. ALL THE CIRCUIT ASSOCIATED WITH THE FURNITURE RECEPTACLE MUST BE FED FROM 7818 PANEL C.
- RECEPTACLES MUST BE MOUNTED 48" ABOVE FINISHED FLOOR.
- SEE C1/E5505 FOR DETAILS.

US Army Corps
of Engineers ®

DATE



GENERAL SHEET NOTES

- SEE E-001 FOR SYMBOLS AND ABBREVIATION.
 - ALL EXISTING CIRCUITS CONNECTING TO EXISTING MECHANICAL EQUIPMENT ARE TO BE DEMOLISHED IN ITS ENTIRETY INCLUDING CONDUIT AND CONDUCTOR PER SHEET MD104 AND MD105.
 - SEE M-104, P-103, AND P-402 FOR THE EXACT LOCATION OF THE MECHANICAL AND PLUMBING EQUIPMENT INDICATED ON THIS DRAWING.

KEYNOTES <

1. EXISTING BATTERY SYSTEM TO BE DEMOLISHED IN ITS ENTIRETY. BATTERY CHARGER, CONDUIT, CONDUCTORS, SWITCHES, AND CONTACTORS AND ANY OTHER EQUIPMENT RELATED TO THE BATTERY SYSTEM NOT LISTED HERE.
 2. RELOCATE THE EXISTING PANEL TO A NEW LOCATION AS SHOWN ON THE DRAWING. TRACE THE CIRCUIT ORIGINATING FROM THIS PANEL AND TRANSFERRING TO A NEW LOCATION.
 3. REPLACE ALL EXISTING ROLLUP DOORS WITH NEW ROLLUP DOORS SHOWN ON THE DRAWING.
 4. GFI MUST BE READILY ACCESSIBLE FOR EWC-18-1.
 5. FCLU-19-1, FCLU-19-2, AND FCLU-19-3 IS POWERED FROM HP-19-1. PROVIDE WIRING FROM OUTDOOR UNIT TO INDOOR UNIT AS RECOMMENDED BY EQUIPMENT MANUFACTURER. PROVIDE 30A NON-FUSED DISCONNECT SWITCH IN NEMA 1 ENCLOSURE.



US Army Corps

U.S. ARMY CORPS OF ENGINEERS		ISSUE DATE
SEATTLE DISTRICT		9 DECEMBER 2024
35 EAST MARGINAL WAY SOUTH		SOLICITATION NO.
SUITE 1000, SEATTLE, WASHINGTON 98104		CONTRACT NO.
AS U.S. ARMY CORPS OF ENGINEER		SMOKEY J.
PA. AT LARGE, PHILADELPHIA, PA.		SUBMITTED BY:
1600 ARCH STREET		SIZE: <input type="checkbox"/>
PHILADELPHIA, PA 19103		<input type="checkbox"/>

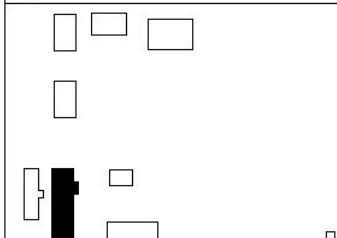
PROPOSED POWER FLOOR PLAN - BLDG 7819

SHEET 10

FP10

EP 104

KEY PLAN



A1 PROPOSED POWER FLOOR PLAN - BLDG 7819 - "A"
1/8" = 1'-0"

PLAN NORTH

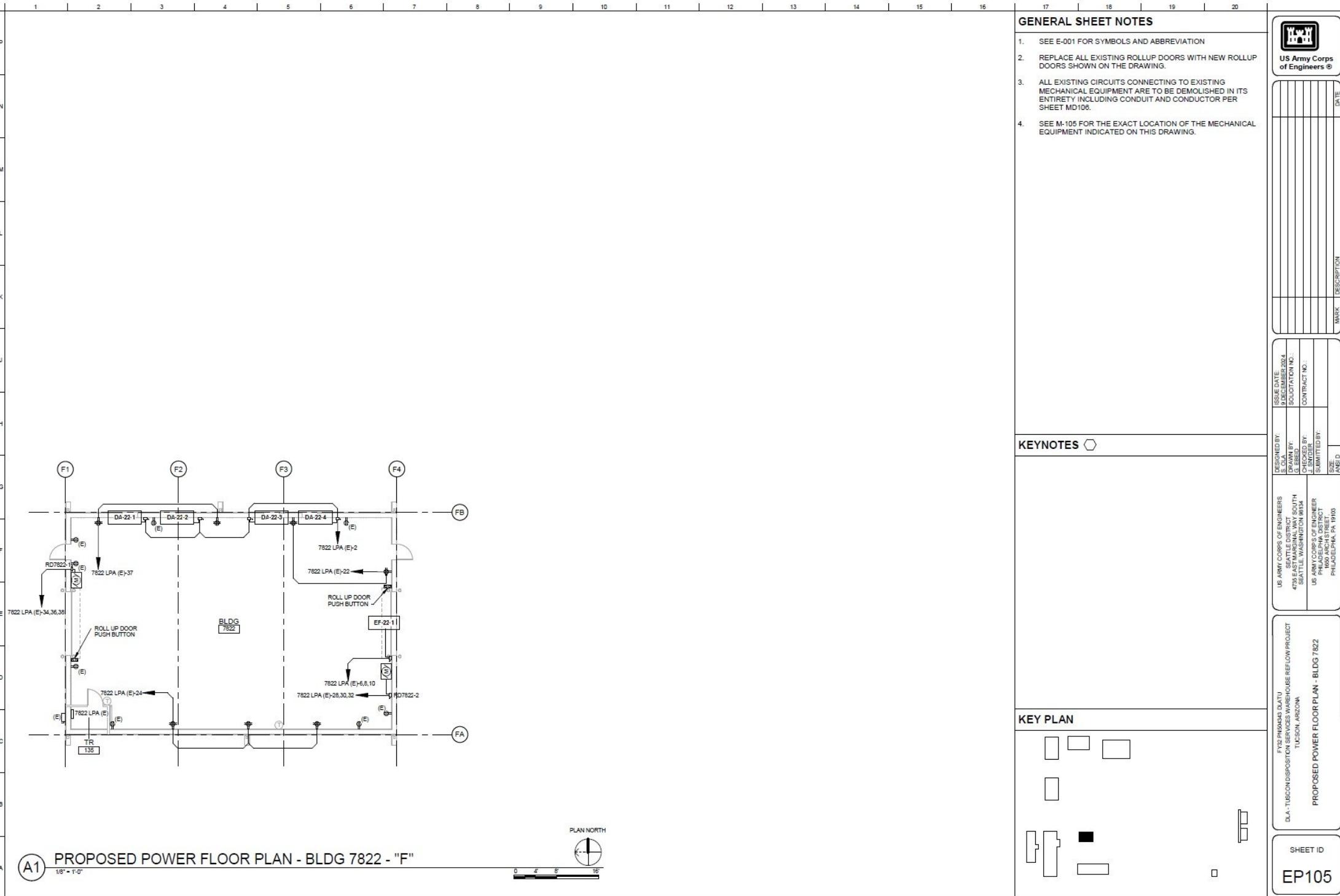
4' 8' 16'

FP104

EP 104

[View Details](#)

FP104



1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20

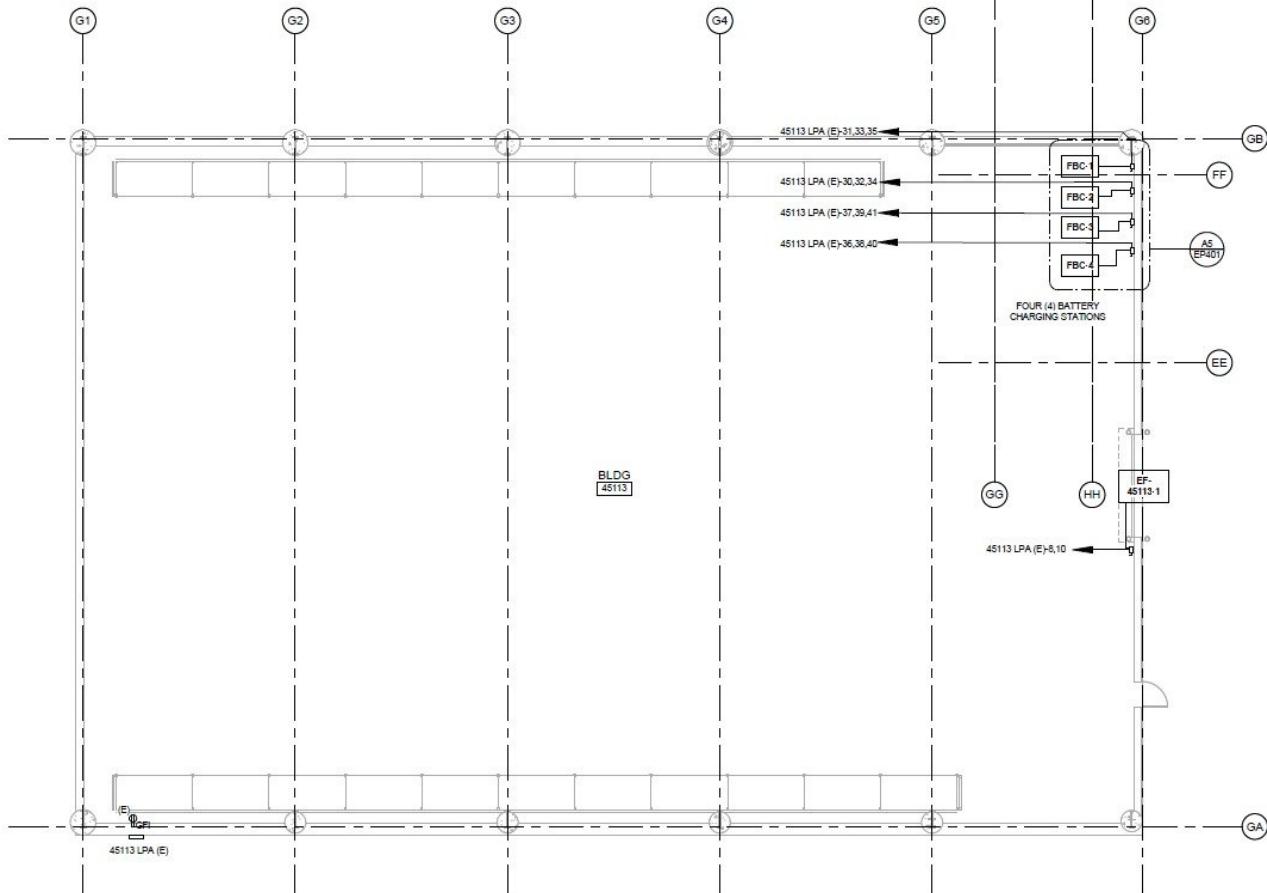
GENERAL SHEET NOTES

- SEE E-001 FOR SYMBOLS AND ABBREVIATION.
- SEE M-100 FOR THE EXACT LOCATION OF THE MECHANICAL EQUIPMENT INDICATED ON THIS DRAWING.



US Army Corps
of Engineers ®

MARK	DESCRIPTION	DATE



(A1) PROPOSED POWER FLOOR PLAN - BLDG 45113

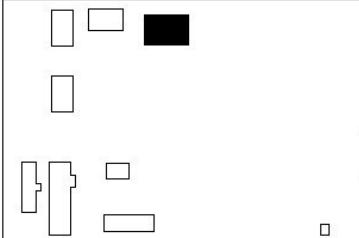
1/8" = 1'-0"



0 4 8 16

KEYNOTES

KEY PLAN



FY05 PM005430 DATU	ISSUE DATE:	07/2004
US ARMY CORPS OF ENGINEERS	DESIGNED BY:	SEANNA RAY
SEATTLE DISTRICT	REVIEWED BY:	G. EBERL
4735 EAST MARSHAL WAY SOUTH	CHECKED BY:	J. S. LINDNER
SEATTLE, WASHINGTON 98103	SUBMITTED BY:	
US ARMY CORPS OF ENGINEERS	SIZE:	ANSI D
PHILADELPHIA DISTRICT		
PHILADELPHIA, PA 19103		

DLA-TUSCON DISPOSITION SERVICES WAREHOUSE REFLW PROJECT	TUCSON, ARIZONA
PROPOSED POWER FLOOR PLAN - BLDG 45113	

SHEET ID	EP109
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