

**TOWN OF MILFORD  
MILFORD, MASSACHUSETTS 01757**

**ADDENDUM 2**

TO: PROSPECTIVE BIDDERS

PROJECT: DEMOLITION OF THREE BASEMENT LOCKER ROOMS AT  
MILFORD POLICE STATION  
52 MAIN STREET, MILFORD, MA 01757

FROM: RICHARD A. VILLANI, TOWN ADMINISTRATOR

DATE: January 30, 2024

This addendum modifies the Invitation to Bid for the Demolition of Three  
Basement Locker Rooms at Milford Police Station as noted below.

**INFORMATION:**

1. Electrical Drawings attached hereto.

**END OF ADDENDUM**

## MILFORD MA, TOWN OF - POLICE DEPARTMENT - WOMEN'S LOCKER ROOM

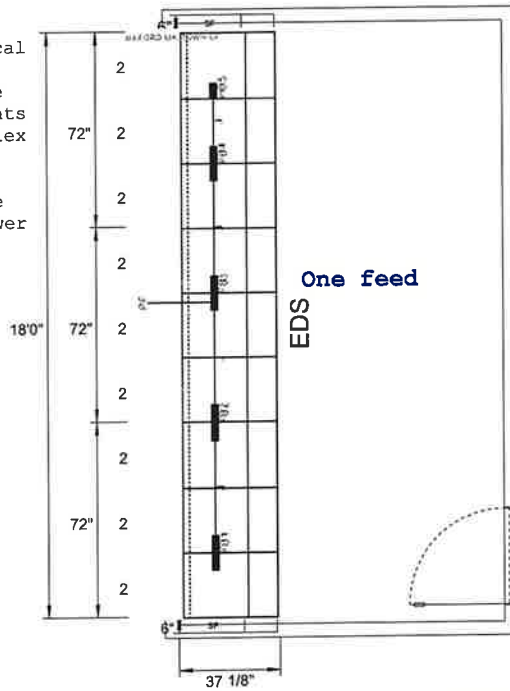
### Spacesaver Plug and Play Electrical

Donnegan Systems will run all the plug and play electrical components which include the wiring and duplex receptacle.


A power feed (PF as shown) can be plugged into any of the black power blocks shown FB/HB.

The contractor will own power to each run and tie-in of the power feed/whip. Whip is 76" long.

EDS = Electrical Plug and Play  
 FB = Full Power Block  
 HB = Half Power Block

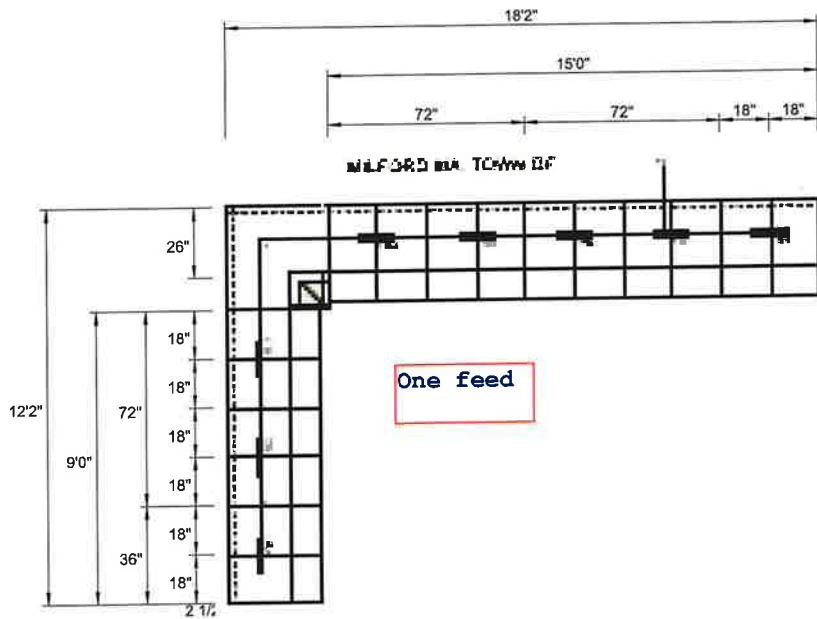


### FLOOR PLAN


	Project Name: MILFORD MA, TOWN OF	Scale: 3/8" = 1'	Rev level:	Project #:	APPROVAL
	Salesperson: WENCIS, MARK			Drawn by: AL	This drawing Approved By:
				Date Printed: 06/06/2022	Dated: _____

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# MILFORD MA, TOWN OF - POLICE DEPARTMENT - SUPERVISOR'S LOCKER ROOM



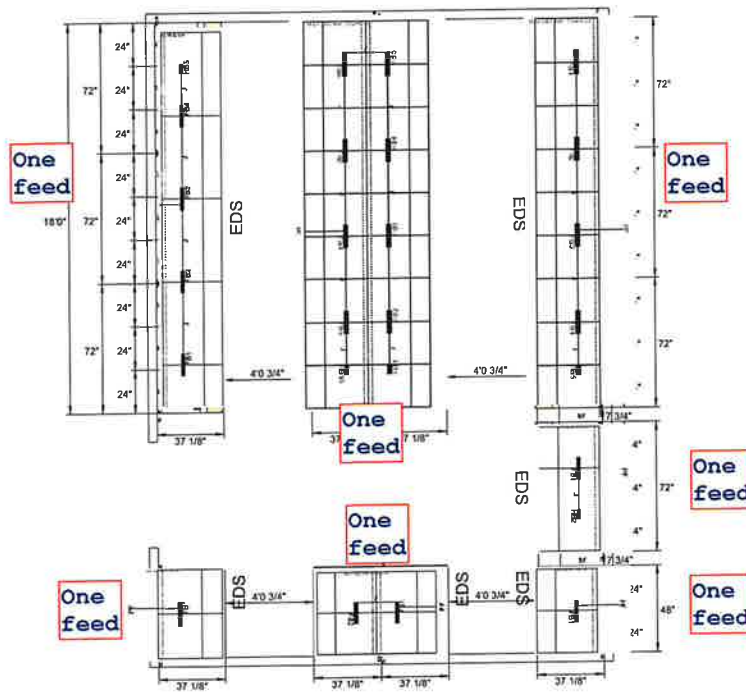
## FLOOR PLAN

	Project Name: MILFORD MA, TOWN OF	Scale: 3/8" = 1'	Rev level:	Project #:	APPROVAL:
	Salesperson: WENCIS, MARK			Drawn by: AL	This drawing Approved By:
				Date Printed: 06/06/2022	Dated: _____


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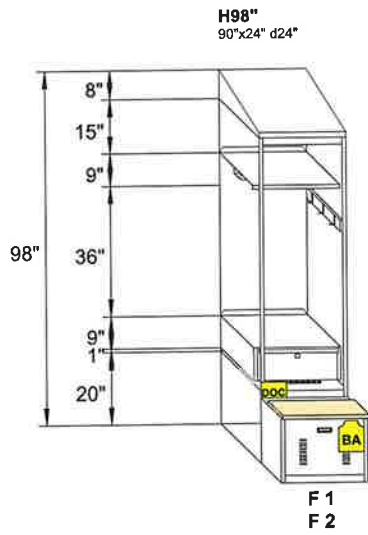
MILFORD MA, TOWN OF - POLICE DEPARTMENT - MEN'S LOCKER ROOM



FLOOR PLAN

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	Salesperson: WENCIS, MARK			Drawn by: AL	This drawing Approved By:
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# MILFORD MA, TOWN OF - POLICE DEPARTMENT - ELEVATIONS



Project Name: MILFORD MA, TOWN OF

Selfperson:  
WENCIS,MARK

Scale  
1/2" = 1'

Rev level:

Project #:

Drawn by:

AL

Date Printed:  
06/06/2022

APPROVAL

This drawing Approved By:

\_\_\_\_\_

Dated \_\_\_\_\_

MILFORD MA, TOWN OF

PF

FB1

Device

Item#

Duplex#

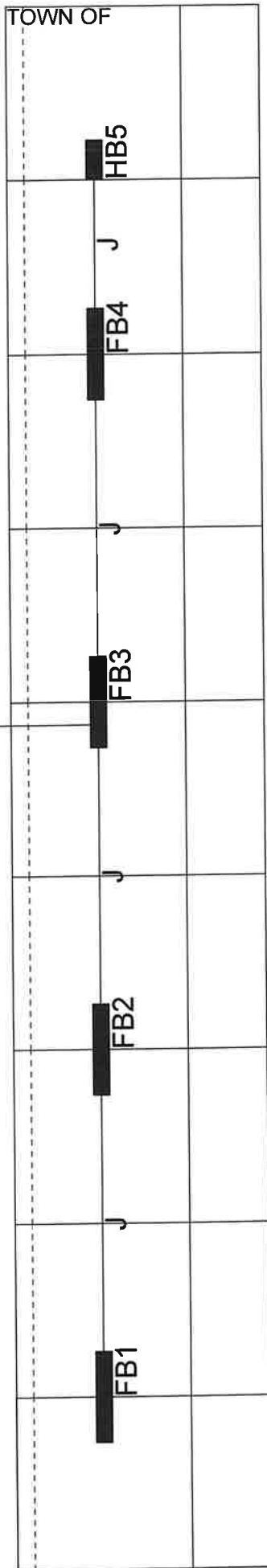
1A  
1B

PSLELEPD  
-

1  
1

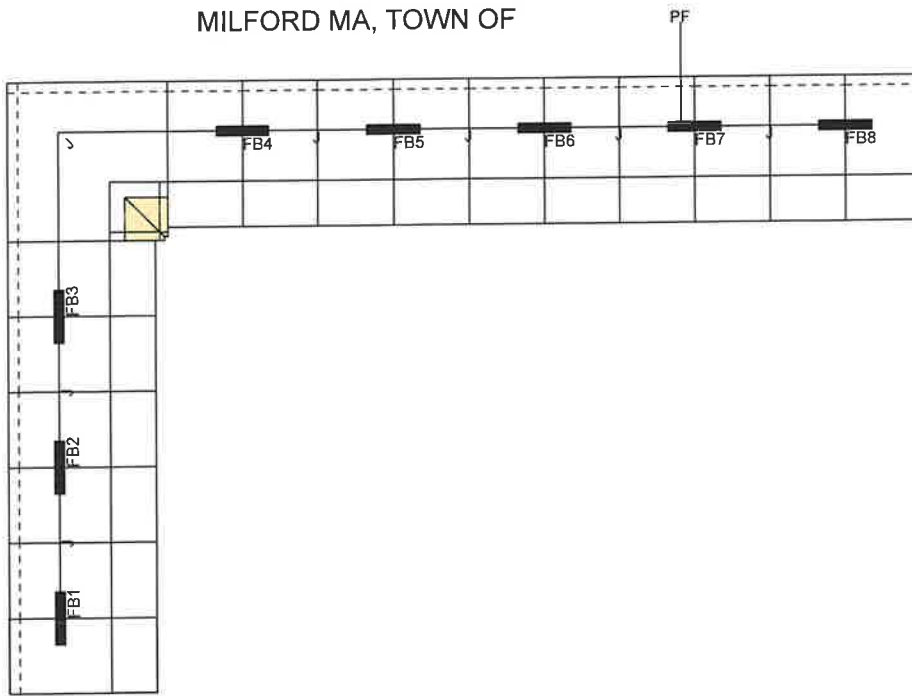
MILFORD MA, TOWN OF

PF



Device	Item#	Duplex#
1A	PSLELEPD	1
1B	-	1
J36	PSLELEP2P36	
2A	PSLELEPD	1
2B	-	1
J36	PSLELEP2P36	
3A	PSLELEPD	1
3B	-	1
J36	PSLELEP2P36	
4A	PSLELEPD	2
4B	-	2
J18	PSLELEP2P18	
5A	PSLELEPDH	2

# MILFORD MA, TOWN OF



Device	Item#	Duplex#
1A	PSLELEPD	1
1B	-	1
J24	PSLELEP2P24	
2A	PSLELEPD	1
2B	-	1
J24	PSLELEP2P24	
3A	PSLELEPD	1
3B	-	1
J72	PSLELEP2P72	
4A	PSLELEPD	2
4B	-	2
J24	PSLELEP2P24	
5A	PSLELEPD	2
5B	-	2
J24	PSLELEP2P24	
6A	PSLELEPD	2
6B	-	2
J24	PSLELEP2P24	
7A	PSLELEPD	4
7B	-	4
J24	PSLELEP2P24	
8A	PSLELEPD	4
8B	-	4



MILFORD MA, TOWN OF

FB1

J

HB2

PF

Device

Item#

Duplex#

1A  
1B  
J18  
2A

PSLELEPD  
-  
PSLELEP2P18  
PSLELEPDH

1  
1  
1  
1

MILFORD MA, TOWN OF

FB1

PF

Device

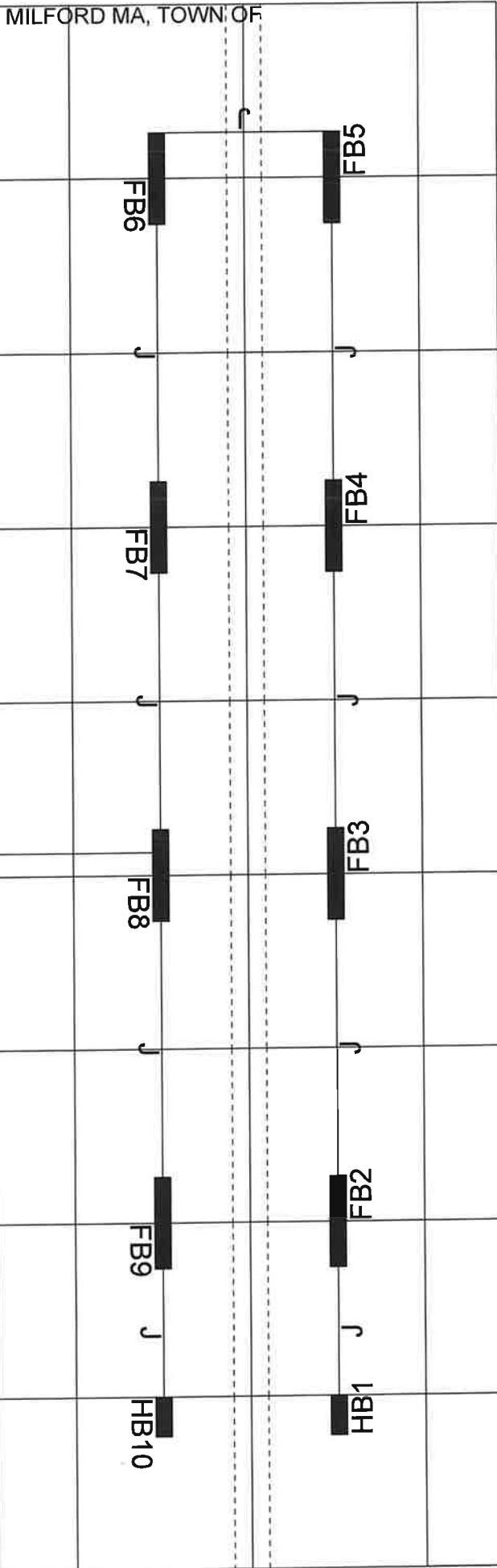
Item#

Duplex#

1A  
1B

PSLELEPD

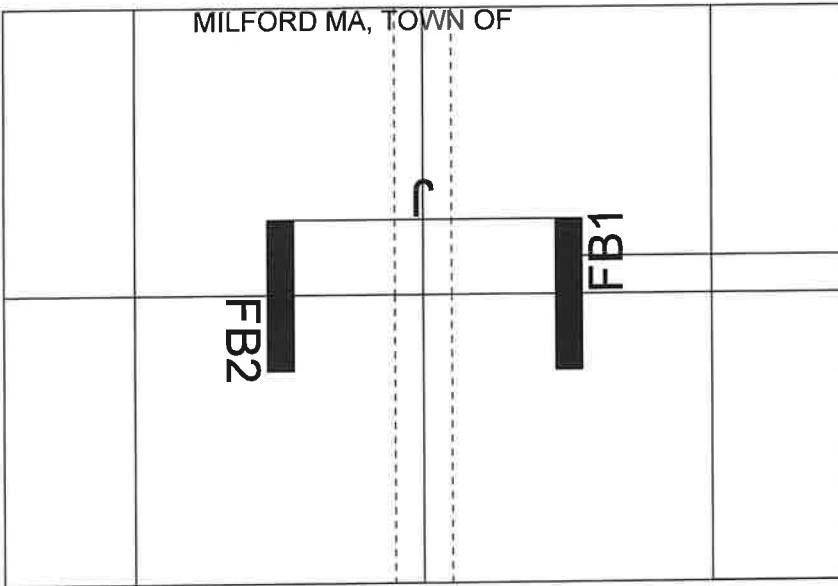
1  
1



PF

Device	Item#	Duplex#
1A	PSLELEPDH	1
J18	PSLELEP2P18	1
2A	PSLELEPD	1
2B	-	1
J36	PSLELEP2P36	1
3A	PSLELEPD	1
3B	-	1
J36	PSLELEP2P36	1
4A	PSLELEPD	1
4B	-	2
J36	PSLELEP2P36	2
5A	PSLELEPD	2
5B	-	2
J36	PSLELEP2P36	2
6A	PSLELEPD	2
6B	-	2
J36	PSLELEP2P36	2
7A	PSLELEPD	2
7B	-	4
J36	PSLELEP2P36	4
8A	PSLELEPD	4
8B	-	4
J36	PSLELEP2P36	4
9A	PSLELEPD	4
9B	-	4
J18	PSLELEP2P18	4
10A	PSLELEPDH	4

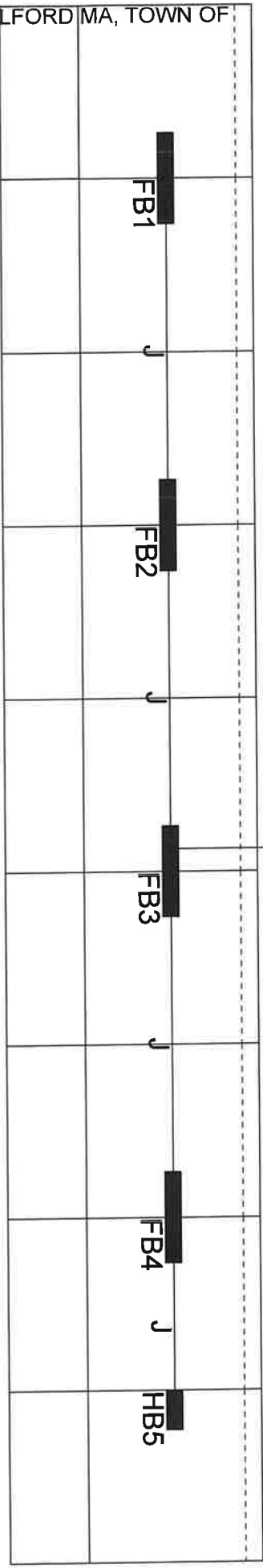
MILFORD MA, TOWN OF



PF

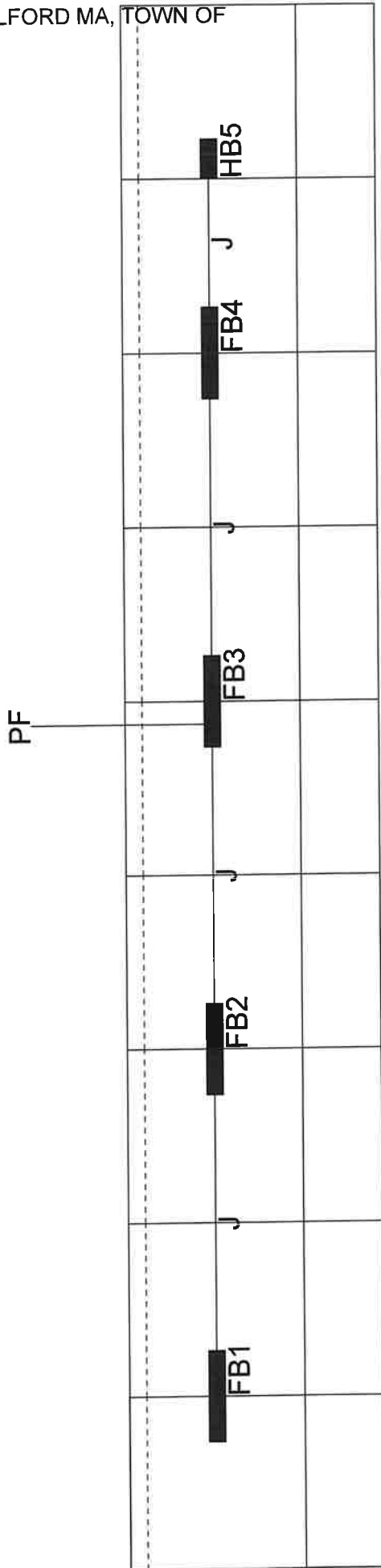
Device	Item#	Duplex#
1A	PSLELEPD	1
1B	-	1
J36	PSLELEP2P36	1
2A	PSLELEPD	1
2B	-	1

MILFORD MA, TOWN OF



Device	Item#	Duplex#
1A	PSLELEPD	1
1B	-	1
J36	PSLELEP2P36	
2A	PSLELEPD	1
2B	-	1
J36	PSLELEP2P36	
3A	PSLELEPD	1
3B	-	1
J36	PSLELEP2P36	
4A	PSLELEPD	2
4B	-	2
J18	PSLELEP2P18	
5A	PSLELEPDH	2

MILFORD MA, TOWN OF



Device	Item#	Duplex#
1A	PSLELEPD	1
1B	-	1
J36	PSLELEP2P36	
2A	PSLELEPD	1
2B	-	1
J36	PSLELEP2P36	
3A	PSLELEPD	1
3B	-	1
J36	PSLELEP2P36	
4A	PSLELEPD	2
4B	-	2
J18	PSLELEP2P18	
5A	PSLELEPDH	2

# TECH DATA

## STORAGE SYSTEMS

# FreeStyle® Personal Storage Locker Electrical Distribution Systems (EDS)

## GROUND FAULT CIRCUIT INTERRUPTER (GFCI) CIRCUIT BREAKER ON MULTI-WIRE CIRCUITS

The purpose of this document is to provide some general guidance with reference to the electrical distribution systems (EDS) being offered with the FreeStyle (PSL) product line when GFCI circuit breakers are being specified.

**IMPORTANT:** It is recommended that the customer consult with a qualified electrician in their final layout of circuits that feed the electrical distributions systems. Branch-circuit requirements must comply with National Electric Codes (NEC), and other local building requirements.

**Note:** The electrical distribution system covered in this guide is for typical North American applications. Other international applications should be reviewed by local jurisdictions.

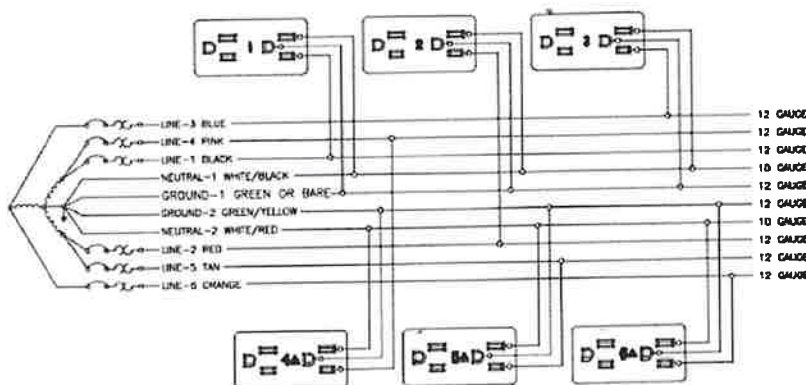
### GFCI CIRCUIT BREAKER ON MULTI-WIRE CIRCUITS

When using GFCI circuit breakers each GFCI circuit needs to have a dedicated neutral to function properly. When customers/contractors/architects specify the use GFCI circuit breakers, located in the power distribution panel, to provide electricity to our FreeStyle lockers some adjustments need to be made to Spacesaver's EDS layout.

Our current Electrical Distribution System consists of (10) ten wires: (6) six power, (2) two shared neutral, and (2) two shared ground (as shown in Figure 1 below).

In Figure 1 above outlets 1, 2, and 3 all use the neutral-1 (white/black) wire and outlets 4, 5, and 6 use the neutral-2 (white/red) wire.

### 6-2-2 WIRING SCHEMATIC, 10- WIRE SHARED NEUTRAL, "3+3"-3 UTILITY CIRCUITS, 3 DEDICATED

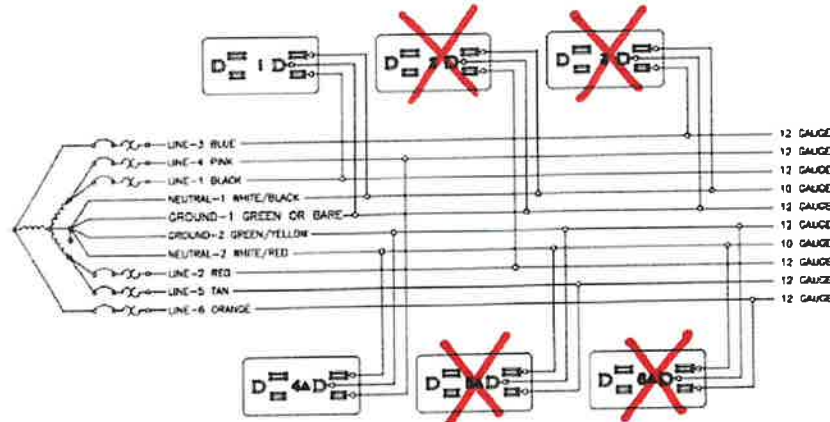


(Figure 1)



When the project requires the use of GFCI circuit breakers in the power distribution panel, shared neutral issue is addressed by defining what outlets are used. In this situation where GFCI breakers are used we designate that only outlets 1, 2, OR 3 can be used with 4, 5, OR 6 (as shown in Figure 2)

6-2-2 WIRING SCHEMATIC, 10- WIRE SHARED NEUTRAL, "3+3"-3 UTILITY CIRCUITS, 3 DEDICATED



(Figure 2)

In Figure 2 above, outlets 1 and 4 were selected which meets the requirement of one neutral per circuit.



Spacesaver Corporation  
 1450 Janesville Avenue  
 Fort Atkinson, WI 53538-2798  
 1-800-492-3434  
 www.spacesaver.com



KI  
 1330 Bellevue Street  
 P.O. Box 8100  
 Green Bay, WI 54302-8100  
 1-800-424-2432  
 www.ki.com

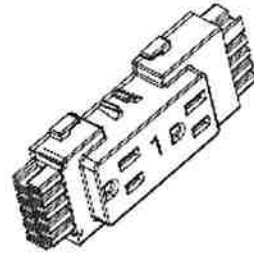


# PLUG & PLAY ELECTRICAL COMPONENT IDENTIFICATION

## Duplex Receptacle:

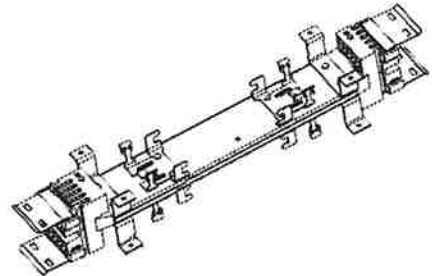
Duplex Receptacle - 1	PSLELEDPX1
Duplex Receptacle - 2	PSLELEDPX2
Duplex Receptacle - 3	PSLELEDPX3
Duplex Receptacle - 4	PSLELEDPX4
Duplex Receptacle - 5	PSLELEDPX5
Duplex Receptacle - 6	PSLELEDPX6

Duplex Receptacle / GFI - 1	PSLELEDPXG1
Duplex Receptacle / GFI - 2	PSLELEDPXG2
Duplex Receptacle / GFI - 3	PSLELEDPXG3
Duplex Receptacle / GFI - 4	PSLELEDPXG4
Duplex Receptacle / GFI - 5	PSLELEDPXG5
Duplex Receptacle / GFI - 6	PSLELEDPXG6



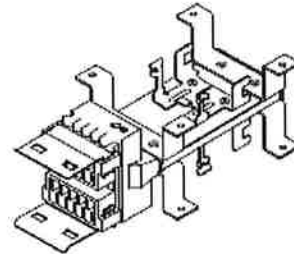
## Power Distribution - Full Block:

Cable - Power Distribution - Full Block	PSLELEPD
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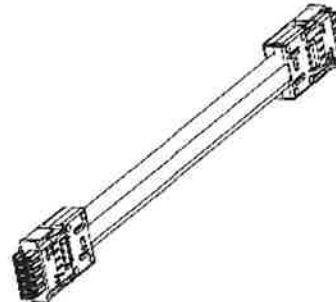
## Power Distribution - Half Block:

Cable - Power Distribution - Half Block	PSLELEPDH
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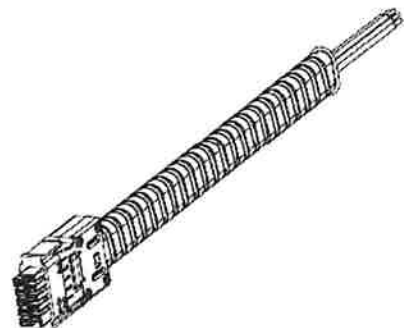
## Plug-to-Plug:

Cable - Plug-to-Plug 12"	PSLELEP2P12
Cable - Plug-to-Plug 18"	PSLELEP2P18
Cable - Plug-to-Plug 24"	PSLELEP2P24
Cable - Plug-to-Plug 36"	PSLELEP2P36
Cable - Plug-to-Plug 49"	PSLELEP2P49
Cable - Plug-to-Plug 61"	PSLELEP2P61
Cable - Plug-to-Plug 72"	PSLELEP2P72
Cable - Plug-to-Plug 84"	PSLELEP2P84
Cable - Plug-to-Plug 96"	PSLELEP2P96
Cable - Plug-to-Plug 120"	PSLELEP2P120



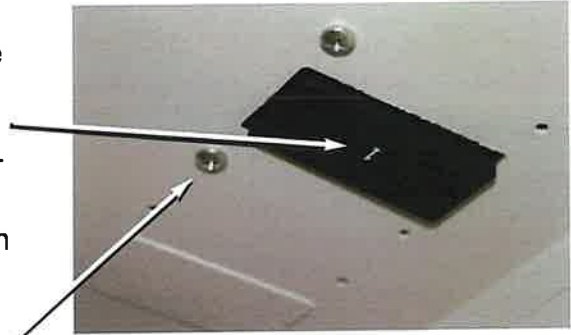
## Power In-Feed:

Cable - Power In-Feed 24"	PSLELEPF24
Cable - Power In-Feed 72"	PSLELEPF72
Cable - Power In-Feed 144"	PSLELEPF144



### Step #1

Begin by laying out the components on top the lockers to insure all plug to plug connections are the correct length. Remove locker knock outs at planned duplex receptacle locations for each locker. Ensure duplex receptacles have the correct number from 1 to 6 at each location to insure proper loading. Secure correctly numbered duplex receptacle with two (2) screws from inside each locker. Duplex receptacle distribution is designed to span across two lockers.



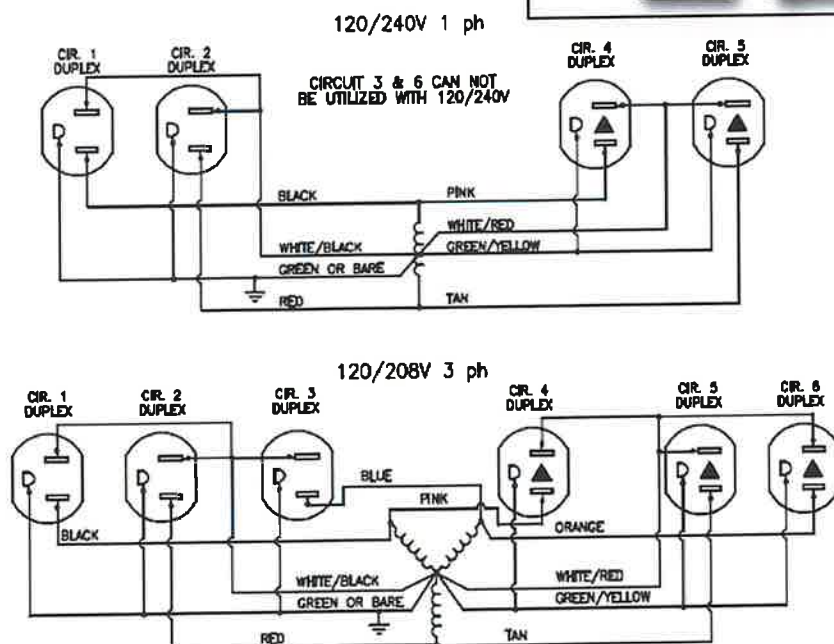
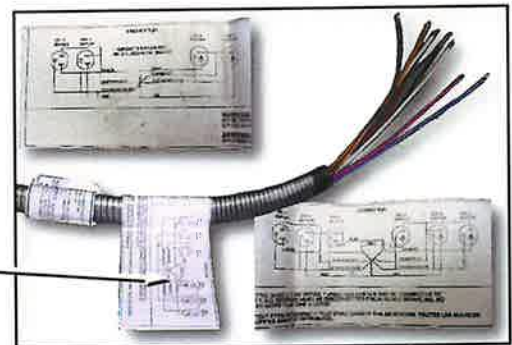
### Step #2

Connect electrical distribution together using supplied connector harnesses (Plug to Plug). Plug to plug connectors come in multiple lengths to cover multiple configurations. These snap together and have locking tabs. They can plug into the top or bottom of the distribution block.

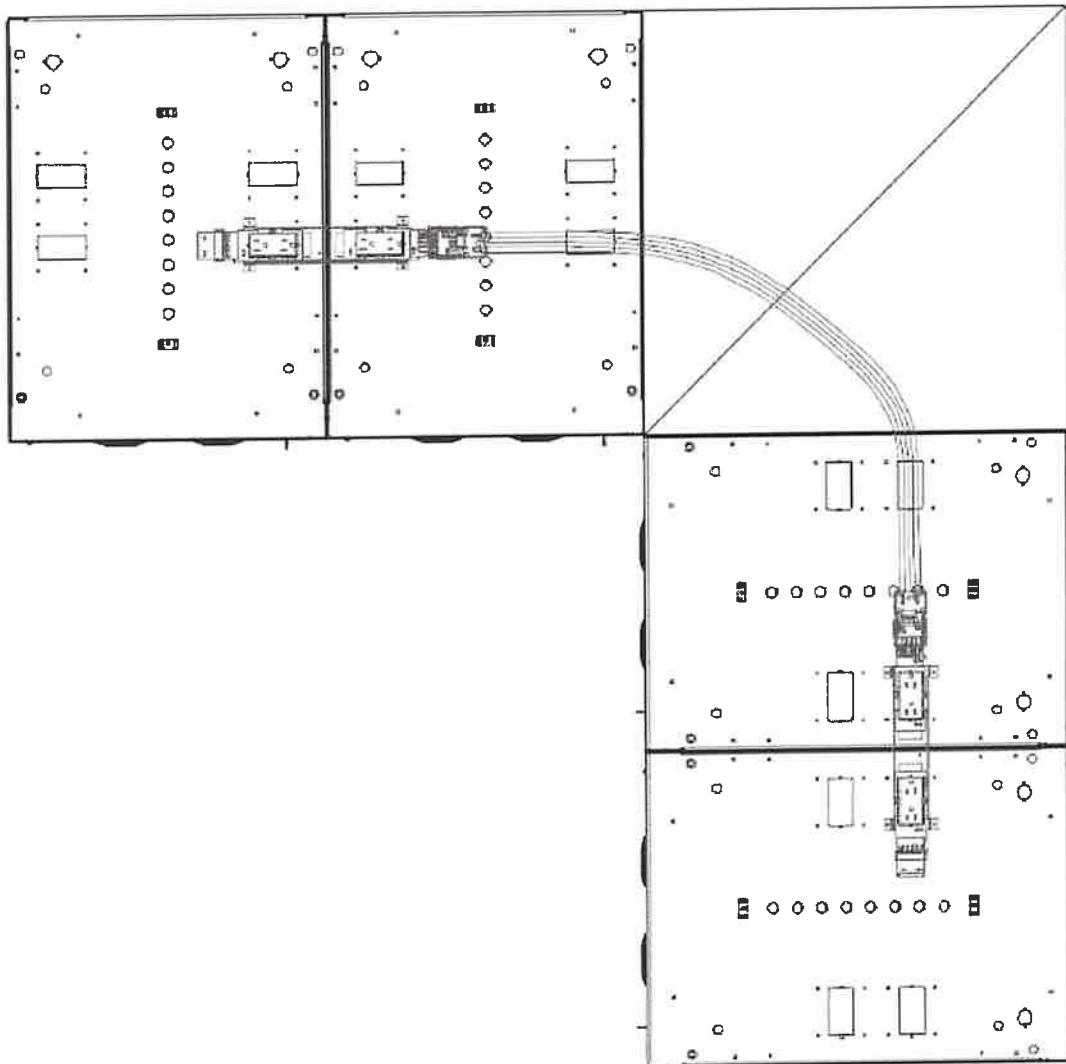
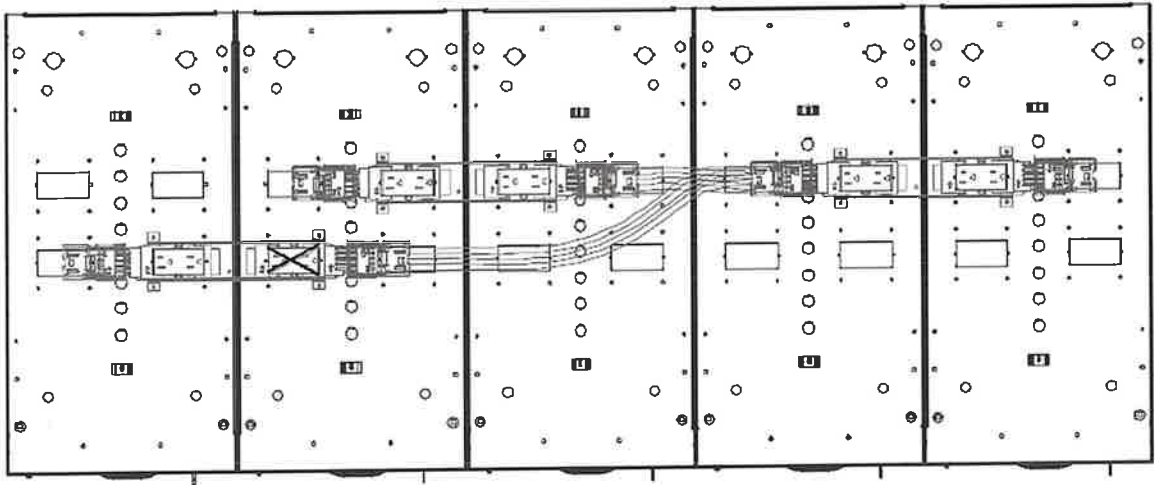


### Step #3

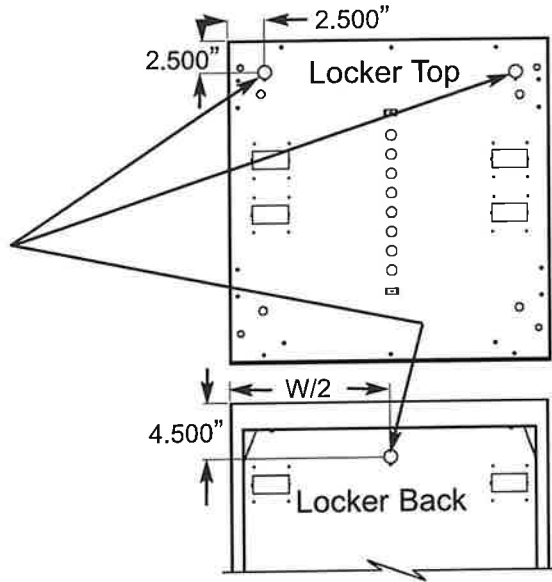
Connect building interface cable (Power in Feed) at distribution block closest to the building interface. This cable comes in (3) lengths tagged with schematic drawings to aid electrician with hookup.



# SAMPLE PLUG & PLAY ELECTRICAL LAYOUTS

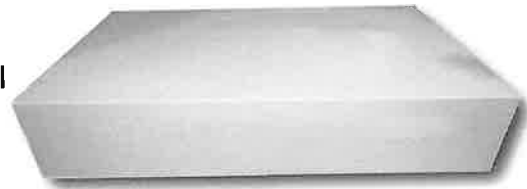


**Note: Conduit pass through provisions for non plug and play electrical applications are located at the back and/or back top of each locker.**



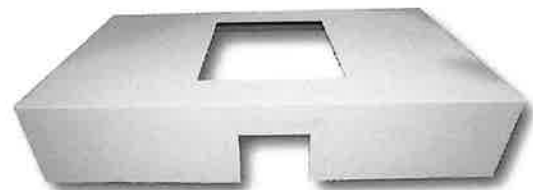
## SECTION VI - SLOPED TOP & TRIM

The sloped top is required with plug and play electrical and/or ventilation applications. Optional in all other applications. See **Section II** for part identification.



Before Cutout

Field cuts may be required in some applications. All length cuts are made on Starter / End Sloped Tops. Electrical applications may require cut-outs at building interface location. Pictured is a Starter / End Sloped Top before and after cutouts are made. This is only one possible situation where the building interface is located at the center back of the sloped top. The top cut out is to give the electrician access to the building interface after your installation is complete. A cover plate is available to seal off this access after the electrician has completed hookup.



After Cutout



In Place on Locker

Receptacle Hole Cover	PSLELERC
Power Feed Access Cover	PSLELEPFAC