

CCAC
HOMewood BRUSHTON CENTER
DOORS, HARDWARE & ACCESS CONTROLS
PHASE 1 - HOMewood BRUSHTON CENTER

701 N. HOMEWOOD AVE.
PITTSBURGH, PA 15208

0 3/25/2025 - ISSUED FOR PERMIT

LLI ENGINEERING

1501 PREBLE AVENUE, SUITE 300 PITTSBURGH, PA 412-904-4310

<u>ARCHITECTURAL</u>	
<u>SHEET NUMBER</u>	<u>DRAWING TITLE</u>
A-H-001	CCAC CAMPUS SITES
A-H-101	HOMEWOOD BRUSHTON CENTER - FIRST FLOOR PLAN
A-H-102	HOMEWOOD BRUSHTON CENTER - DETAILS

<u>ELECTRICAL</u>	
<u>SHEET NUMBER</u>	<u>DRAWING TITLE</u>
E-H-001	ELECTRICAL GENERAL NOTES, SYMBOLS AND DETAILS
E-H-100	HOMEWOOD BRUSHTON CENTER - FIRST FLOOR PLAN



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[illegible]

PLOT DATE	
SCALE	
DRAWN BY	ROB
CHECKED BY	MPB
LLI PROJ.#	20240018
ISSUE DATE	11/7/2024

COVER SHEET

CS-H

Diagram 1 (FG): A simple rectangle with 'SEE SCHEDULE' labels for width and height.

Diagram 2 (FG2): A rectangle with two vertical dividers and dashed diagonal lines. 'SEE SCHEDULE' labels are present for width, height, and the distance between dividers.

Diagram 3 (FG3): A rectangle with two vertical dividers and dashed diagonal lines. 'SEE SCHEDULE' labels are present for width, height, and the distance between dividers.

MANUFACTURER LIST

BE	BEST LOCKS & CLOSERS
MK	MCKINNEY
NO	NORTON
OT	OTHER
PE	PEMKO
RO	ROCKWOOD
SA	SARGENT
SU	SECURITRON

SET 1.0

QTY.	ITEM	DESCRIPTION	FINISH	MFR.
6	HINGE, FULL MORTISE, HVY WT	T4A3386 (NRP)	US32D	MK
2	ELECTRIC-POWER TRANSFER	SULFERT	SU	SU
1	MULLION	L980S	PC	SA
1	RIM EXIT DEVICE, STOREROOM	16 55 56 72 8804 862RIM EXIT 55	US32D	SA
1	RIM EXIT DEVICE, EXIT ONLY	8810 EO	US32D	SA
1	MULLION CYLINDER KIT	72 980C1	US26D	SA
3	KEYED CORE	BY OWNER	626	BE
1	SURFACE CLOSER	CP57500	689	NO
1	AUTOMATIC OPENER	6300 Series	689	NO
2	KICK PLATE	K1050 10" H. x CSK BEV	US32D	RO
2	ASTRAGAL	297AS TKSP		PE
1	RAIN GUARD	546C TKSP		PE
1	MULLION GASKETING	5110LB		PE
1	GASKETING	S773BL x Head and Jamb		PE
2	SWEEP	3452CNB TKSP		PE
1	THRESHOLD	271A MSE525SS		PE
2	ELECTROLYNX FRAME HARNESS	QC-C1500P		MK
2	ELECTROLYNX DOOR HARNESS	QC-C1500P		MK
1	WIRING DIAGRAM	WD-SVSPK		OT
1	CARD READER	By Division 28		NO
1	DOOR SWITCH	505		NO
2	POSITION SWITCH	DD5-M-BK		SU
1	POWER SUPPLY	AQD4-8C8R2		SU

NOTES: OPERATIONAL NARRATIVE:

1. DOORS NORMALLY CLOSED AND SECURE.
2. AUTHORIZED ACCESS BY CARD READER RETRACTING EXIT DEVICE LATCHES FOR PREDETERMINED TIME
LIMIT. EXIT DEVICE LATCHES CAN BE ELECTRICALLY HELD RETRACTED FOR OPEN ACCESS.
3. ADA ACCESS BY ACTUATOR SWITCH. IN LOCKED CONDITION, ACTUATOR ENERGIZED ONLY UPON VALID
CARD READER PRESENTATION.
4. EGRESS FREE FOR IMMEDIATE EXIT. ADA EGRESS BY ACTUATOR SWITCH.
5. RECALL SWITCH IN PUSH ROLL ALLOWS AUTHORIZED EXIT WITHOUT ALARM CONDITION.
6. DOOR POSITION SWITCHES MONITOR OPEN/CLOSED STATUS.
7. EXIT DEVICE LATCHES RELEASE (FALL SECURE) IN EVENT OF POWER LOSS. KEY CYLINDER OVERRIDE
FOR EMERGENCY ACCESS.

SET 2.0

QTY.	ITEM	DESCRIPTION	FINISH	MFR.
6	HINGE, FULL MORTISE, HVY WT	T443386 (NRP)	US32D	MK
2	ELECTRIC POWER TRANSFER	EL-CEPT	630	SU
1	MULLION	L9805	PC	SA
1	RIM EXIT DEVICE, STOREROOM	SA 56 72 8904 862	US32D	SA
1	RIM EXIT DEVICE, EXIT ONLY	55 8810 EO	US32D	SA
1	MULLION CYLINDER KIT	72 980C1	US26D	SA
3	KEYED CORE	BY OWNER	626	BE
2	SURFACE CLOSER	CP57500	689	NO
2	KICK PLATE	K1050 10" H x CSK BEV	US32D	RO
2	ASTRAGAL	297AS TKSP		PE
1	RAIN GUARD	346C TKSP		PE
1	MULLION GASKETING	5110LB		PE
1	GASKETING	S773BL x Head and Jamb		PE
2	SWEEP	3452CNB TKSP		PE
2	THRESHOLD	771A MS2S25S		PE
1	ELECTROLYNX FRAME HARNESS	QC-C1500P		MK
2	ELECTROLYNX DOOR HARNESS	QC-C1500P		MK
1	WIRING DIAGRAM	WD-SYSPK		SA
1	CARD READER	By Division 28		OT
2	POSITION SWITCH	DPS-M-BK		SU
1	POWER SUPPLY	AQ4-DC8R2		SU

NOTES: OPERATIONAL NARRATIVE:

1. DOORS NORMALLY CLOSED AND SECURE.
2. AUTHORIZED ACCESS BY CARD READER RETRACTING EXIT DEVICE LATCHES FOR PREDETERMINED TIME LIMIT
3. EXIT DEVICE LATCHES CAN BE ELECTRICALLY HELD RETRACTED FOR OPEN ACCESS.
4. EGRESS FREE FOR IMMEDIATE EXIT.
5. REX SWITCH IN PUSH RAIL ALLOWS AUTHORIZED EXIT WITHOUT ALARM CONDITION.
6. DOOR POSITION SWITCHES MONITOR OPEN/CLOSED STATUS.
7. EXIT DEVICE LATCHES RELEASE (FAIL SECURE) IN EVENT OF POWER LOSS. KEYED CYLINDER OVERRIDE FOR EMERGENCY ACCESS.

SET 3.0

QTY.	ITEM	DESCRIPTION	FINISH	MFR.
3	HINGE, FULL MORTISE, HVY WT	T443386 (NRP)	US32D	MK
1	RIM EXIT DEVICE, EXIT ONLY	8810 EO	US32D	SA
1	SURFACE CLOSER	CP57500	689	NO
1	KICK PLATE	K1050, 10" H. x CSK BEV	US32D	RO
1	RAIL GUARD	346C TKSP		PE
1	GASKETING	S773BL x Head and Jamb		PE
1	SWEEP	3452CNB TKSP		PE
1	THRESHOLD	271A MS525SS		PE
1	POSITION SWITCH	DPS-M-BK		SU

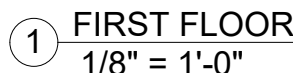
NOTES: OPERATIONAL NARRATIVE:

1. DOORS NORMALLY CLOSED AND SECURE.
2. EGRESS ONLY. NO OUTSIDE DOOR TRIM.
3. DOOR POSITION SWITCH MONITORS OPEN/CLOSED STATUS.

SET 4.0

QTY.	ITEM	DESCRIPTION	FINISH	MFR.
1	POSITION SWITCH	DPS-M-BK		SU

NOTES:
ALL OTHER HARDWARE EXISTING TO REMAIN



- 1 CONTRACTOR TO PROVIDE ADEQUATE SIGNAGE AND PEDESTRIAN BARRIER PROTECTION DURING ALL EXTERIOR CONSTRUCTION.
- 2 ERECT DUST/EQUIPMENT PARTITIONS AS REQUIRED. SEPARATING WORK AREAS FROM EQUIPMENT AND AREAS THAT WILL BE OCCUPIED DURING CONSTRUCTION. REFER TO DETAIL 2/A-102. PROTECT DUCTWORK IN WORK AREAS FROM DUST. COORDINATE WITH HVAC CONTRACTOR AS NECESSARY TO PREVENT BALANCING ISSUES DURING TEMPORARY PROTECTION AND AGAIN WHEN PROTECTION IS REMOVED.
- 3 RELOCATE ANY FURNITURE OR ANY OTHER ITEMS THAT MIGHT BE IN THE WAY OF WORK. COORDINATE ANY RELOCATIONS WITH OWNER OR OWNER'S REP.
- 4 PROVIDE TEMPORARY PROTECTIVE FLOOR COVERING OVER EXISTING FLOORING WHERE NEEDED FOR THE DURATION OF CONSTRUCTION. ANY DAMAGED FLOORING TO REMAIN TO BE REPLACED AT NO EXPENSE TO OWNER.
- 5 REMOVE EXISTING DOOR, DOOR FRAME AND HARDWARE.
- 6 REMOVE EXISTING POSITION SWITCH AT OVERHEAD DOORS IF APPLICABLE. COORDINATE WITH ELECTRICAL DRAWINGS.

- 1 NEW DOOR AND HARDWARE. REFER TO DOOR SCHEDULE. COORDINATE WITH ELECTRICAL PLANS AS REQUIRED.
- 2 PATCH ANY HOLES IN CONCRETE FLOOR SLAB & ADJACENT WALLS FROM FRAME REMOVAL TO MATCH EXISTING ADJACENT CONDITIONS. PAINT WALLS TO MATCH EXISTING ADJACENT CONDITIONS.
- 3 IF EXISTING CARPET IS DAMAGED IN DOOR REMOVAL AND REPLACEMENT, REPLACE CARPET TO MATCH EXISTING.
- 4 REMOVE DUST PARTITION AND OTHER PROTECTIVE MATERIAL AND CLEAN FLOOR AND WALL SURFACES ALL AROUND CONSTRUCTION AREA AFTER WORK IS COMPLETE. TOUCH-UP PAINT AS REQUIRED.
- 5 AFTER WORK IS COMPLETE REMOVE ANY CONSTRUCTION SIGNAGE, PEDESTRIAN PROTECTION AND MISCELLANEOUS CONSTRUCTION DEBRIS. CLEAN AND RETURN AREA TO ITS PRE-CONSTRUCTION CONDITION.
- 6 FOR NEW ELECTRICAL WORK THAT MAY REQUIRE NEW CONDUIT PENETRATIONS, REFER TO DETAIL 1/A-H-102 FOR FIREPROOFING.
- 7 NEW POSITION SWITCH AT OVERHEAD DOORS. REFER TO DOOR SCHEDULE AND ELECTRICAL AND ELECTRICAL DRAWING.
- 8 REPLACE ALL DOOR OPERATION HARDWARE INCLUDING PUSH-BUT W/ PUSH-BUTTON WITH A POWER OPERATOR MANUFACTURED BY THE SAME MANUFACTURER AS THE EXISTING FINISH AT BOTTOM (BLUE OR STAINLESS STEEL) AS OCCURS.

1. COORDINATE ALL WORK WITH ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
2. DO NOT SCALE DRAWINGS.
3. ACCESSIBILITY DIMENSIONS ARE SHOWN FOR REFERENCE ONLY. INSTALL ALL FIXTURES AND ACCESSORIES IN ACCORDANCE WITH ABAA, ANSI A117.1 AND OTHER APPLICABLE ACCESSIBILITY CODES.
4. CONSTRUCTION SIGNAGE TO BE POSTED DURING THE PROJECTS CONSTRUCTION.
5. CONTRACTOR TO PATCH AND/OR PAINT WALLS AND/OR FLOORS AT ANY ELECTRICAL REMOVALS.

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COMMUNITY COLLEGE OF ALLEGHENY COUNTY
DOORS, HARDWARE & ACCESS CONTROLS
PHASE 1- HOMEWOOD BRUSHTON CENTER

REVISION11/7/2024

DRAWING NUMBER

A-H-102



DRYWALL SIMILAR


$$1'' = 1'-0''$$


- ② DUST PARTITION DETAIL
1 1/2" = 1'-0"

$$1\frac{1}{2}'' = 1'-0''$$