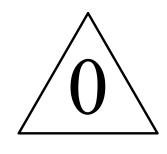
# CCAC HOMEWOOD BRUSHTON CENTER

# DOORS, HARDWARE & ACCESS CONTROLS PHASE 1 - HOMEWOOD BRUSHTON CENTER

701 N. HOMEWOOD AVE. PITTSBURGH, PA 15208



3/25/2025 - ISSUED FOR PERMIT

# LLI ENGINEERING

1501 PREBLE AVENUE, SUITE 300

A-H-102

PITTSBURGH, PA

412-904-4310

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

HOMEWOOD BRUSHTON CENTER - DETAILS

ELECTRICALSHEET NUMBERDRAWING TITLEE-H-001ELECTRICAL GENERAL NOTES, SYMBOLS AND DETAILSE-H-100HOMEWOOD BRUSHTON CENTER - FIRST FLOOR PLAN

SAWING NUMBER

#### **CAMPUS KEY**

- ALLEGHENY CAMPUS (SEE SHEET A-A001 FOR BUILDING KEY)
- B BOYCE CAMPUS
- (BH) BRADDOCK HILLS CENTER
- (H) HOMEWOOD BRUSHTON CENTER
- (N) NORTH CAMPUS
- S SOUTH CAMPUS (SEE SHEET A-S001 FOR BUILDING KEY)
- W WEST CAMPUS

#### **ALLEGHENY CAMPUS**

808 RIDGE AVENUE, PITTSBURGH, PA 15212

#### **BOYCE CAMPUS**

595 BEATTY ROAD, MONROEVILLE, PA 15146

#### **BRADDOCK HILLS CENTER**

250 YOST BOULEVARD, BRADDOCK HILLS, PA 15221

#### **HOMEWOOD BRUSHTON CENTER**

701 NORTH HOMEWOOD AVE, PITTSBURGH, PA 15208

#### **NORTH CAMPUS**

8701 PERRY HIGHWAY, PITTSBURGH, PA 15237

#### **SOUTH CAMPUS**

1750 CLAIRTON ROAD, WEST MIFFLIN, PA 15122

#### WEST CAMPUS

1000 MCKEE ROAD, OAKDALE, PA 15071

1 CCAC SITES N.T.S.

## SHEET NUMBERING KEY

A-X-X 101 SHEET NUMBER

BUILDING DESIGNATION (SEE CAMPUS BUILDING KEY)

CAMPUS DESIGNATION (SEE CAMPUS KEY)

DISCIPLINE

#### **DOOR NUMBERING KEY**

#### AT CAMPUSES WITH MULTIPLE BUILDINGS (ALLEGHENY AND SOUTH CAMPUSES)

DOOR NUMBER

BUILDING DESIGNATION (SEE CAMPUS BUILDING KEY)

CAMPUS DESIGNATION (SEE CAMPUS KEY)

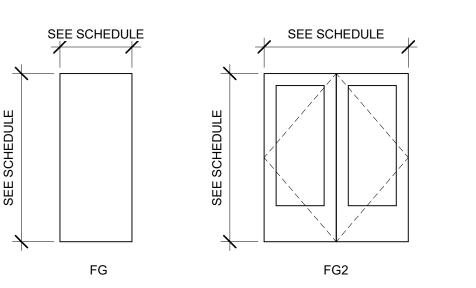
#### AT CAMPUSES WITH ONE BUILDING

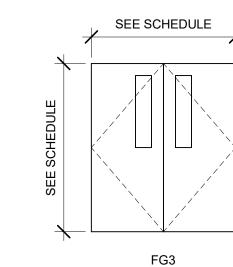
X - 101 DOOR NUMBER

CAMPUS DESIGNATION (SEE CAMPUS KEY)

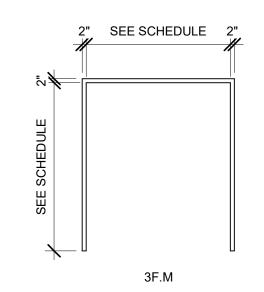
A-H-001

#### DOOR SCHEDULE PANEL TYPE PANEL MATERIAL PANEL FINISH FRAME TYPE FRAME MATERIAL FRAME FINISH VISION LIGHT THICKNESS COMMENTS MATCH EXISTING YES MATCH EXISTING 3F.M 6' - 8" x 6' - 0" 0' - 1 3/4" 1.0 PRIMARY ENTRANCE DOOR MATCH EXISTING 3F.M MATCH EXISTING NO 6' - 8" x 3' - 4" 0' - 1 3/4" 3.0 EGRESS ONLY DOOR AT STAIR Hollow Metal Hollow Metal H103 **EXISTING** EXISTING EXISTING **EXISTING** ROLL-UP DOOR, ALL EXISTING HARDWARE TO REMAIN. EXISTING **EXISTING** 8' - 0" x 8' - 6" 0' - 3" 4.0 ONLY THE POSITION SWITCH IS TO BE ADDED OR REPLACED. MATCH EXISTING 3F.M EGRESS ONLY, DOUBLE DOOR Hollow Metal Hollow Metal MATCH EXISTING YES 7' - 0" x 5' - 0" 0' - 1 3/4" 2.0

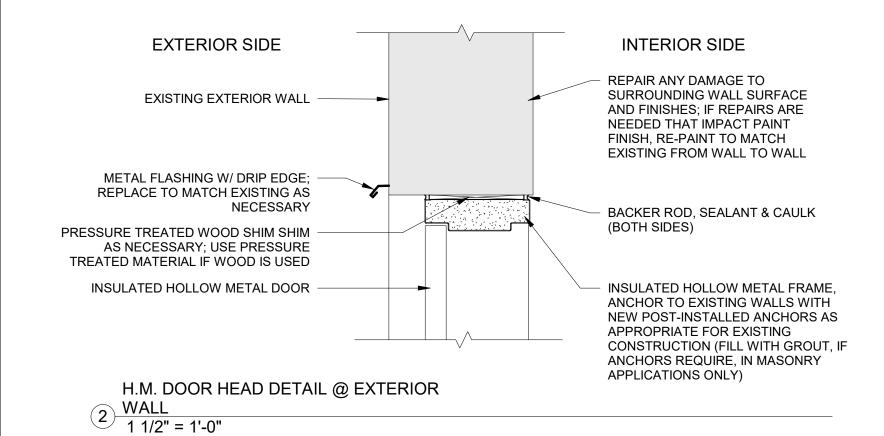




#### DOOR TYPES 1/4" = 1'-0"



#### ¬ FRAME TYPES 1/4" = 1'-0"



#### EXTERIOR SIDE INTERIOR SIDE REPAIR ANY DAMAGE TO SURROUNDING WALL SURFACE EXISTING EXTERIOR -AND FINISHES; IF REPAIRS ARE NEEDED THAT IMPACT PAINT FINISH, RE-PAINT TO MATCH EXISTING FROM WALL TO WALL BACKER ROD, SEALANT & CAULK PRESSURE TREATED WOOD SHIM SHIM (BOTH SIDES) AS NECESSARY; USE PRESSURE TREATED MATERIAL IF WOOD IS USED INSULATED HOLLOW METAL FRAME, ANCHOR TO EXISTING WALLS WITH NEW POST-INSTALLED ANCHORS AS INSULATED HOLLOW METAL DOOR -APPROPRIATE FOR EXISTING CONSTRUCTION (FILL WITH GROUT, IF ANCHORS REQUIRE, IN MASONRY APPLICATIONS ONLY)

### H.M. DOOR JAMB DETAIL @ EXTERIOR

#### **HARDWARE SCHEDULE**

#### **MANUFACTURER LIST**

 	 CLOSEDS

- MCKINNEY NO NORTON OTHER PE PEMKO
- RO ROCKWOOD SA SARGENT
- SU SECURITRON

SET	1.0	
<b>OTV</b>		

QTY.	ITEM	DESCRIPTION	FINISH	MFF
6	HINGE, FULL MORTISE, HVY WT	T4A3386 (NRP)	US32D	MK
2	ELECTRIC POWER TRANSFER	EL-CEPT `	630	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	CPS7500	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	346C TKSP		PE
1	MULLION GASKETING	5110BL		PE
1	GASKETING	S773BL x Head and Jambs		PE
2	SWEEP	3452CNB TKSP		PE
1	THRESHOLD	271A MSES25SS		PE
2	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	DOOR SWITCH	505		NO
2	POSITION SWITCH	DPS-M-BK		SU
1	POWER SUPPLY	AQD4-8C8R2		SU

- AUTHORIZED ACCESS BY CARD READER RETRACTING EXIT DEVICE LATCHES FOR PREDETERMINED TIME LIMIT. EXIT DEVICE LATCHES CAN BE ELECTRICALLY HELD RETRACTED FOR OPEN ACCESS. ADA ACCESS BY ACTUATOR SWITCH. IN LOCKED CONDITION, ACTUATOR ENERGIZED ONLY UPON VALID
- EGRESS FREE FOR IMMEDIATE EXIT. ADA EGRESS BY ACTUATOR SWITCH. REX SWITCH IN PUSH RAIL ALLOWS AUTHORIZED EXIT WITHOUT ALARM CONDITION.
- DOOR POSITION SWITCHES MONITOR OPEN/CLOSED STATUS. EXIT DEVICE LATCHES RELEASE (FAIL SECURE) IN EVENT OF POWER LOSS. KEYED CYLINDER OVERRIDE

QTY.	ITEM	DESCRIPTION	FINISH	MFR.
6	HINGE, FULL MORTISE, HVY WT	T4A3386 (NRP)	US32D	MK
2	ELECTRIC POWER TRANSFER	EL-CEPT	630	SU
1	MULLION	L980S	PC	SA
1	RIM EXIT DEVICE, STOREROOM	16 55 56 72 8804 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	CPS7500	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	5110BL		PE
1	GASKETING	S773BL x Head and Jambs		PE
2	SWEEP	3452CNB TKSP		PE
1	THRESHOLD	271A MSES25SS		PE
2	ELECTROLYNX FRAME HARNESS	QC-C1500P		MK
2	ELECTROLYNX DOOR HARNESS	QC-C***P		MK
1	WIRING DIAGRAM	WD-SYSPK		SA
1	CARD READER	By Division 28		OT
2	POSITION SWITCH	DPS-M-BK		SU
1	POWER SUPPLY	AQD4-8C8R2		SU

#### **NOTES: OPERATIONAL NARRATIVE**

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

<b>SET 3.0</b>				
QTY.	ITEM	DESCRIPTION	FINISH	MFR
3	HINGE, FULL MORTISE, HVY WT	T4A3386 (NRP)	US32D	MK
1	RIM EXIT DEVICE, EXIT ONLY	8810 EO ` ´	US32D	SA
1	SURFACE CLOSER	CPS7500	689	NO
1	KICK PLATE	K1050 10" H. x CSK BEV	US32D	RO
1	RAIN GUARD	346C TKSP		PE
1	GASKETING	S773BL x Head and Jambs		PE
1	SWEEP	3452CNB TKSP		PE
1	THRESHOLD	271A MSES25SS		PE

DPS-M-BK

#### NOTES: OPERATIONAL NARRATIVE

POSITION SWITCH

DOORS NORMALLY CLOSED AND SECURE.

EGRESS ONLY. NO OUTSIDE DOOR TRIM. DOOR POSITION SWITCH MONITORS OPEN/CLOSED STATUS.

#### <u>SET 4.0</u>

QTY.	ITEM	DESCRIPTION	FINISH	MFR.
1	POSITION SWITCH	DPS-M-BK		SU
NOTES: ALL OTH	ER HARDWARE EXISTING TO REMAIN			

### **DEMOLITION NOTES:**

FIRST FLOOR

1 FIRS... \_ 1/8" = 1'-0"

CONTRACTOR TO PROVIDE ADEQUATE SIGNAGE AND PEDESTRIAN BARRIER PROTECTION DURING ALL EXTERIOR CONSTRUCTION.

OFFICE

116

135

CLASSROOM

114

CLOSET

112A

**LEARNING CENTER** 113

COUNSELOR

**CLERICAL** 

NOTE: FLOOR PLAN PROVIDED BY OWNER AND INTENDED TO SHOW DOOR

LOCATIONS ONLY. EXISTING CONDITIONS WERE NOT SURVEYED OR UPDATED.

STORAGE

DIRECTOR

101B

ASST. DIRECTOR

H105

112B

**BARBER SCHOOL** 

COUNSELOR

- ERECT DUST/EQUIPMENT PARTITIONS AS REQUIRED SEPARATING WORK AREAS FROM EQUIPMENT AND AREAS THAT REMAIN OCCUPIED DURING CONSTRUCTION, REFER TO DETAIL 2/A-H-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.
- RELOCATE ANY FURNITURE OR ANY OTHER ITEMS THAT MIGHT BE IN THE WAY OF NEW WORK. COORDINATE ANY RELOCATIONS WITH OWNER OR OWNER'S REP. 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. REMOVE EXISTING DOOR, DOOR FRAME AND HARDWARE.
- REMOVE EXISTING POSITION SWITCH AT OVERHEAD DOORS IF APPLICABLE. COORDINATE WITH ELECTRICAL DRAWINGS.

#### **NEW WORK NOTES:**

STAIR A

S101

RECEPTION

101F

**ENTRANCE** 

(H101

1 5 1 2 5

NEW DOOR AND HARDWARE. REFER TO DOOR SCHEDULE. COORDINATE WITH ELECTRICAL PLANS AS REQUIRED. PATCH ANY HOLES IN CONCRETE FLOOR SLAB & ADJACENT WALLS FROM FRAME REMOVAL TO MATCH EXISTING ADJACENT

CONDITIONS. PAINT WALLS TO MATCH EXISTING ADJACENT

- CONDITIONS. IF EXISTING CARPET IS DAMAGED IN DOOR REMOVAL AND
- REPLACEMENT, REPLACE CARPET TO MATCH EXISTING. 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. AFTER WORK IS COMPLETE REMOVE ANY CONSTRUCTION SIGNAGE, PEDESTRIAN PROTECTION AND MISCELLANEOUS CONSTRUCTION DEBRIS CLEAN AND RETURN AREA TO ITS PRE-CONSTRUCTION CONDITION.
- FOR NEW ELECTRICAL WORK THAT MAY REQUIRE NEW CONDUIT PENETRATIONS, REFER TO DETAIL 1/A-H-102 FOR FIREPROOFING
- NEW POSITION SWITCH AT OVERHEAD DOORS, REFER TO DOOR SCHEDULE AND COORDINATE WITH ELECTRICAL DRAWINGS.
- REPLACE ALL DOOR OPERATOR HARDWARE INCLUDING PUSH-BUTTONS AND WIRING WITH MATCHING PUSH BUTTON KIT BY POWER OPERATOR MANUFACTURER. MATCH EXISTING FINISH AT BUTTON (BLUE OR STAINLESS STEEL) AS OCCURS IN FIELD.



6 7 H103

RECEIVING STORAGE

105

VIDEO/CONFERENCE

**PREP AREA** 107A

STUDENT SERVICES

**SHEET NOTES:** 

COORDINATE ALL WORK WITH

DO NOT SCALE DRAWINGS.

SPECIFICATIONS.

CONSTRUCTION.

ARCHITECTURAL DRAWINGS AND

ACCESSIBILITY DIMENSIONS ARE

SHOWN FOR REFERENCE ONLY.

ACCESSORIES IN ACCORDANCE

CONSTRUCTION SIGNAGE TO BE

POSTED DURING THE PROJECTS

CONTRACTOR TO PATCH AND/OR

ANY ELECTRICAL REMOVALS.

PAINT WALLS AND/OR FLOORS AT

OTHER APPLICABLE ACCESSIBILITY

WITH ABAAS, ANSI A117.1 AND

INSTALL ALL FIXTURES AND

IDF/MDF

**SCIENCE LAB** 

107

109

**ADA TOILET** 

WOMENS

H106

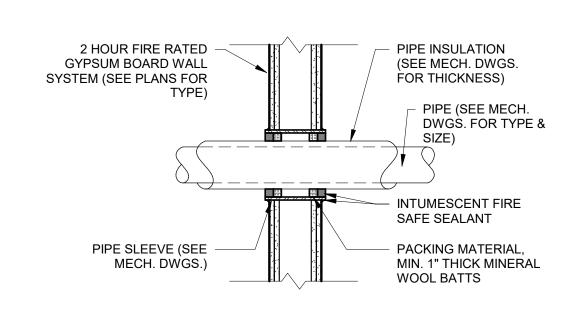
CORRIDOR 103

SHOP STORAGE

ACCESS CONT BRUSHTON CE

#### PIPE OR CONDUIT PENETRATION-WALL

ALL WORK TO BE DONE IN ACCORDANCE WITH UL SYSTEM NO. W-L-1146 - 2 HOUR FIRE RATING NOTE: SINGLE LAYER OF DRYWALL SIMILAR



#### **INSULATED SLEEVE PIPE PENETRATION - WALL**

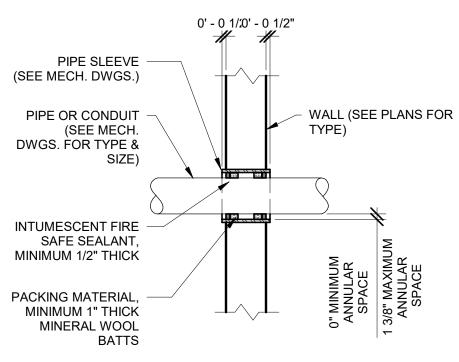
THIS SYSTEM IS INTENDED TO BE SIMILAR TO UL SYSTEM NO. C-AJ-5001 - 2 HOUR FIRE RATING

1 TYPICAL FIREPROOFING DETAILS
1" = 1'-0"

#### PLASTER & MASONRY WALL - 4" DIA. MAXIMUM INTUMESCENT FIRE SEALANT, MINIMUM 1/2" THICKNESS PACKING MATERIAL, MINIMUM 3" THICK MINERAL WOOL BATTS

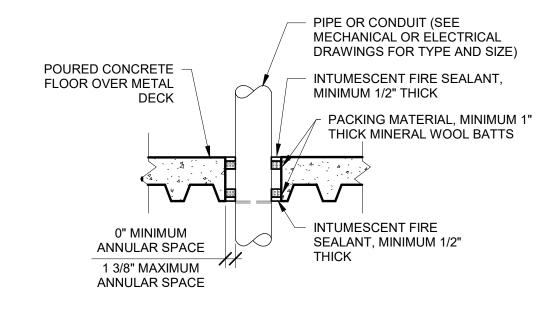
#### PIPE OR CONDUIT PENETRATION-WALL

THIS SYSTEM IS INTENDED TO BE SIMILAR TO UL SYSTEM NO. C-AJ-1152 - 2 HR FIRE RATING



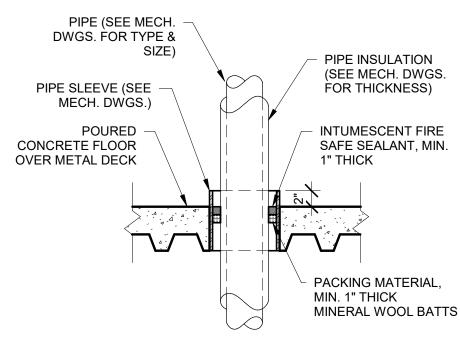
#### SLEEVED PIPE OR CONDUIT PENETRATION

THIS SYSTEM IS INTENDED TO BE SIMILAR TO UL SYSTEM NO. C-AJ-1175 - 2 HR FIRE RATING



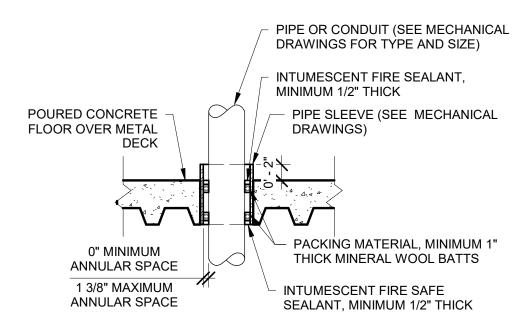
#### PIPE OR CONDUIT PENETRATION-FLOOR SLAB

THIS SYSTEM IS INTENDED TO BE SIMILAR TO UL SYSTEM NO. C-AJ-1175 - 2 HOUR FIRE RATING



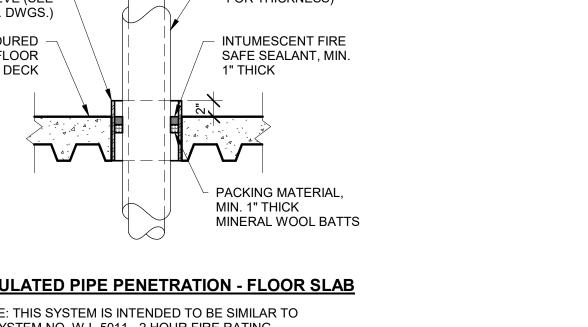
#### **INSULATED PIPE PENETRATION - FLOOR SLAB**

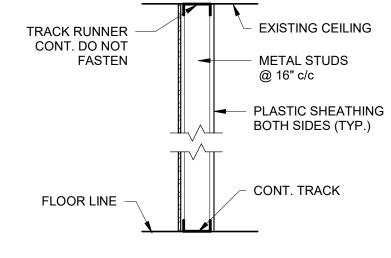
NOTE: THIS SYSTEM IS INTENDED TO BE SIMILAR TO UL SYSTEM NO. W-L-5011 - 2 HOUR FIRE RATING



#### SLEEVED PIPE OR CONDUIT PENETRATION-FLOOR SLAB

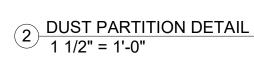
THIS SYSTEM IS INTENDED TO BE SIMILAR TO UL SYSTEM NO. C-AJ-1175 - 2 HOUR FIRE RATING

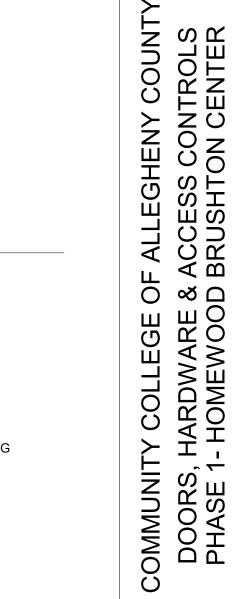




 G.C. TO PROVIDE CONSTRUCTION DOOR, WHERE REQUIRED.

CONSTRUCT A TEMPORARY DUST-PROOF CONSTRUCTION BARRIER USING ANTI-STATIC FIRE RETARDANT PLASTIC SHEATHING FROM FLOOR TO CEILING ABOVE. BARRIER IS TO REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETED. COORDINATE LOCATION WITH OWNER'S REPRESENTATIVE.





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							3000/30/0	3/23/2023	DATE
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DRAWING TITLE
HOMEWOOD BRUSHTON
CENTER - DETAILS

02

A-H-1