

POUDRE SCHOOL DISTRICT POUDRE HIGH SCHOOL

MAIN ENTRY STOREFRONT REPLACEMENT FORT COLLINS, COLORADO 80521

OWNER:

POUDRE SCHOOL DISTRICT 2445 LAPORTE AVENUE FORT COLLINS, COLORADO 80521 PHONE: 970 | 490 | 3017 EMAIL: jlee@psdschools.org

Construction Project Manager

ARCHITECT:

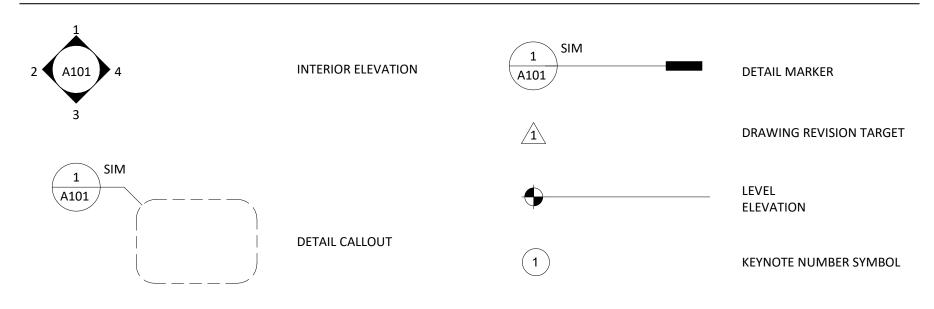
KALERT CONSULTING GROUP|LLC 2429 STONECREST DRIVE FORT COLLINS, COLORADO 80521 PHONE: 970 | 412 | 3049 EMAIL: tomkalert@gmail.com

Tom Kalert, AIA Architect

ABBREVIATIONS:

COUS.	ACOUSTICAL	MATL.	MATERIAL
F.F.	ABOVE FINISH FLOOR	MECH.	MECHANICAL
RCH.	ARCHITECTURAL	MEP.	MECHANICAL, ELECTRICAL, PLUMBING
		MFR.	MANUFACTURER
D.	BOARD	MIN.	MINIMUM
DG.	BUILDING	MISC.	MISCELLANEOUS
₋KG.	BLOCKING	MTD.	MOUNTED
DT.	BOTTOM		
MT.	BASEMENT	(N)	NEW
		N.	NORTH
J.	CONTROL JOINT	N.E.	NORTHEAST
.G.	CEILING	N.I.C.	NOT IN CONTRACT
.0.	CLOSET	N.T.S.	NOT TO SCALE
R.	CLEAR		
DL.	COLUMN	O.C.	ON CENTER
DNC.	CONCRETE	O.D.	OUTSIDE DIAMETER
NST.	CONSTRUCTION	OPNG.	OPENING
DNT.	CONTINUOUS	OPP.	OPPOSITE
т.	CARPET	OPP.HD.	OPPOSITE HAND
		O. 1 .11D.	
BL.	DOUBLE	P.L.	PROPERTY LINE
PT.	DEPARTMENT	P.L. P.LAM.	PLASTIC LAMINATE
:РТ. А.		P.LAIVI. P.T.D.	
	DIAMETER	۲.۱.۵.	PAPER TOWEL DISPENSER
M.	DIMENSION	5.0.5	DEELECTED CELLING SLAN
V'D.	DIVIDED	R.C.P.	REFLECTED CEILING PLAN
٧.	DOWN	R.D.	ROOF DRAIN
₹.	DOOR	REQ'D.	REQUIRED
NG.	DRAWING	R.H.	RIGHT HAND
		R.O.W.	RIGHT OF WAY
)	EXISTING		
١.	EACH	S	SOUTH
	EAST	S.E.	SOUTH EAST
١.	EXPANSION JOINT	SECT.	SECTION
EC.	ELECTRICAL	S.E.D.	SEE ELECTRICAL DRAWINGS
·.	ELECTRICAL PANEL	S.F.	SQUARE FOOT
Ղ.	EQUAL	SHT.	SHEET
QUIP.	EQUIPMENT	S.L.D.	
•		S.M.D.	
A.	FIRE ALARM	S.P.D.	
л. С.Р.	FIRE CONTROL PANEL	SPECS.	SPECIFICATIONS
с.г. D.	FLOOR DRAIN	S.S.D.	SEE STRUCTURAL DRAWINGS
D. DN.	FOUNDATION	STOR.	STORAGE STORAGE
F.			
	FINISH FLOOR	STRUCT.	STRUCTURAL
F.E.	FINISH FLOOR ELEVATION	TEA	TENADEDED
E.C.	FIRE EXTINGUISHER CAB.	TEMP.	TEMPERED
N.	FINISH	T & G	TONGUE AND GROOVE
XT.	FIXTURE	T.O.P.	TOP OF PLATE
	FLOOR	T.O.W.	TOP OF WALL
O.F.	FACE OF FINISH	T.P.	TOILET PARTITION
O.S.	FACE OF STUD	T.O.	TOP OF
	FRAME	TYP.	TYPICAL
G.	FOOTING		
		U.B.C.	UNIFORM BUILDING CODE
۹.	GAUGE	U.L.	UNDERWRITER'S LABORATORY
ALV.	GALVANIZED	U.O.N.	UNLESS OTHERWISE NOTED
/P.	GYPSUM		·
		V.C.T.	VINYL COMPOSITION TILE
OR.	HEADER	VERT.	VERTICAL
OWE.	HARDWARE	VEST.	VESTIBULE
ORIZ.	HORIZONTAL	V.I.F.	VERIFY IN FIELD
/IXIZ.	HOMEONIAL	٧.١.٢.	V LIMIT IIN FILLU
	INCIDE DIAMETER	14/	\A/ECT
). CUI	INSIDE DIAMETER	W.	WEST
SUL. -	INSULATION	W/	WITH
T.	INTERIOR	W.C.	WATER CLOSET
		WD.	WOOD
N.	JANITOR	WDW.	WINDOW
•	JOINT	W/O	WITHOUT
		WT.	WEIGHT
V.	LAVATORY		
	LOUVER	VD	YARD
DUV.	LOOVER	YD.	TAND

SYMBOLS LEGEND:





VICINITY MAP:

NOT TO SCALE

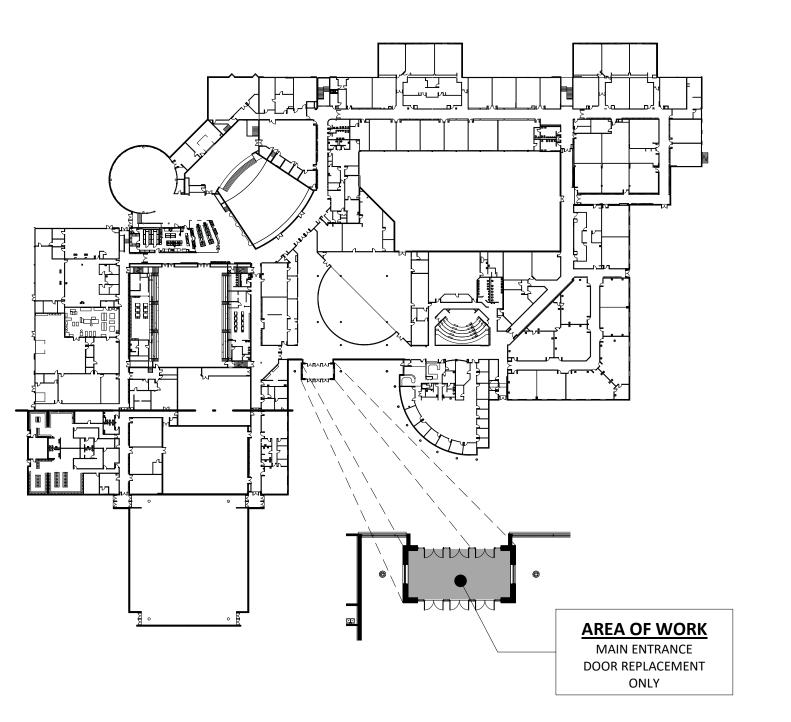


DRAWING INDEX:

TITLE SHEET, VICINITY MAP, KEY PLAN AND CODE INFORMATION A1.0 DEMOLITION, NEW FLOOR PLANS AND ELEVATIONS DOOR SCHEDULE, HARDWARE, DETAILS AND RESPONSIBILITY MATRIX

ADD ALTERNATE:

AT DOORS: E100A, E100B, E100C, E101A, E101B, E101C: PROVIDE SPECIAL-LITE MONUMENTAL SL-14 FRP/ALUMINUM HYBRID WITH CUSTOM GRAPHICS - GRAPHICS SHALL BE COORDINATED WITH OWNER IF ALTERNATE IS TAKEN - SEE SPECIFICATIONS



CODE USED:

BUILDING OWNER: BUILDING OCCUPANCY: BUILDING AREA: EXISTING CONSTRUCTION TYPE:

NUMBER OF STORIES: BUILDING HEIGHT: FIRE RATED ASSEMBLIES: FIRE PROTECTION:

AREA OF WORK: ALTERATION LEVEL: 2021 IBC, IFC, IMC, IEBC, IECC, IRC, 2018 IFGC, 2020 NEC, 2018 COLORADO PLUMBING CODE ICC/ANSI A117.1 - 2009 ACC. STANDARDS POUDRE SCHOOL DISTRICT

262,300 SF II-B - PER 2021 IBC **VARIES EXISTING TO REMAIN**

EXISTING FIRE ALARM

MAIN ENTRANCE - LIKE FOR LIKE REPLACEMENT LEVEL 1 - PER 2021 IEBC CHAPTER 6, 602.1

KEY PLAN AND CODE INFORMATION:

NOT TO SCALE



H SCHOOL EPLACEMENT COLORADO POUDRE MAIN ENTE



B. CONTRACTOR TO FIELD VERIFY ALL EXISTING SITE CONDITIONS AND SHALL INFORM ARCHITECT AND OWNER OF ANT MAJOR DISCREPANCIES

C. STOREFRONT BASIS OF DESIGN - TUBELITE TU24650 THERML BLOCK - SEE SPECIFICATIONS

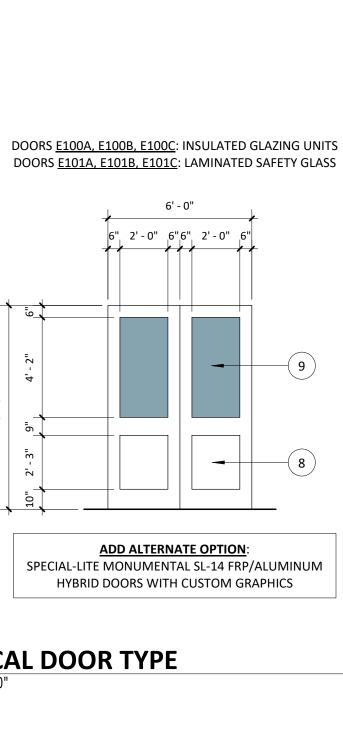
D. ALL GLAZING SHALL BE TEMPERED AND MEET CLASS II SAFETY STANDARDS

KEY NOTES:

- BASIS OF DESIGN: TUBELITE TU24650 THERML BLOCK 6-1/2" STOREFRONT SYSTEM AT MAIN ENTRY VESTIBULE, TYPICAL - SEE
- SPECIFICATIONS 2. PROVIDE 1" IGU UNITS AT EXTERIOR SYSTEM ONLY - SEE SPECIFICATIONS
- 3. INTERIOR GLAZING 8' 6" AFF AND ABOVE SHALL BE TEMPERED AND MEET CLASS II SAFETY STANDARDS PER SPECIFICATIONS GLAZING BELOW 8' - 6" SHALL BE LAMINATED SAFETY GLAZING
- AND MEET SAFETY STANDARDS PER SPECIFICATIONS 4. CONTRACTOR TO INFILL EXISTING CONCRETE DEPRESSION AND FLOAT VESTIBULE FLOOR TO LEVEL, PREP FLOOR FOR NEW ABRASSIVE ACTION WALK-OFF MAT

5. PROVIDE APPROXIMATELY 500 SF OF NEW ABRASSIVE ACTION

- WALK-OFF MAT AND NEW RUBBER BASE TO MATCH EXISTING AT MASONRY WALLS 6. EXISTING MASONRY WALL AT STOREFRONT JAMBS, PROVIDE
- BACKER AND SEALANT AT BOTH SIDES AND AT FULL PERIMETER -TYPICAL
- 7. EXISTING STEEL BEAMS AT STOREFRONT HEAD, PROVIDE MANUFACTURES SLIP TRACK HEAD UNIT, BACKER AND SEALANT AT BOTH SIDES AND AT FULL PERIMETER - TYPICAL
- 8. NEW ALUMINUM DOORS SEE SPECIFICATIONS: BASE BID: TUBELITE MONUMENTAL ENTRANCE SERIES ADD ALTERNATE OPTION: SPECIAL-LITE MONUMENTAL SL-14 FRP/ALUMINUM HYBRID WITH CUSTOM GRAPHICS -
- GRAPHICS SHALL BE COORDINATED WITH OWNER IF ALTERNATE IS TAKEN DOOR GLAZING AS FOLLOWS: DOORS E100A, E100B, E100C: INSULATED GLAZING UNITS
- DOORS E101A, E101B, E101C: LAMINATED SAFETY GLASS 10. ALUMINUM INSULATED MAPES PANEL - COLOR TO MATCH NEW STOREFRONT MATERIAL
- 11. EXISTING AUTO OPENER LOCATION SHOWN FOR REFERENCE
- 12. APPROXIMATE POINT OF CONNECTION FOR ELECTRIFIED
- HARDWARE SEE PHOTO CONTRACTOR TO VERFITY IN FIELD 13. ROUTE NEW LINE VOLTAGE POWER TO NEW QEL POWER SUPPLY AT THIS ROOM LOCATION - APPROXIMATELY 150' - CONTRACTOR TO FIELD VERIFY
- 14. REMOVE EXISTING HYDRONIC AUTO OPENER POWER AT THIS LOCATION - REUSE EXISTING POWER LINE FOR NEW ELECTRIC AUTO OPENER HARDWARE
- 15. ROUTE NEW LOW VOLTAGE DOOR POSITION SWITCHES LINES TO EXISTING SECURITY LINKS AT THIS ROOM LOCATION -APPROXIMATELY 250' - CONTRACTOR TO FIELD VERIFY

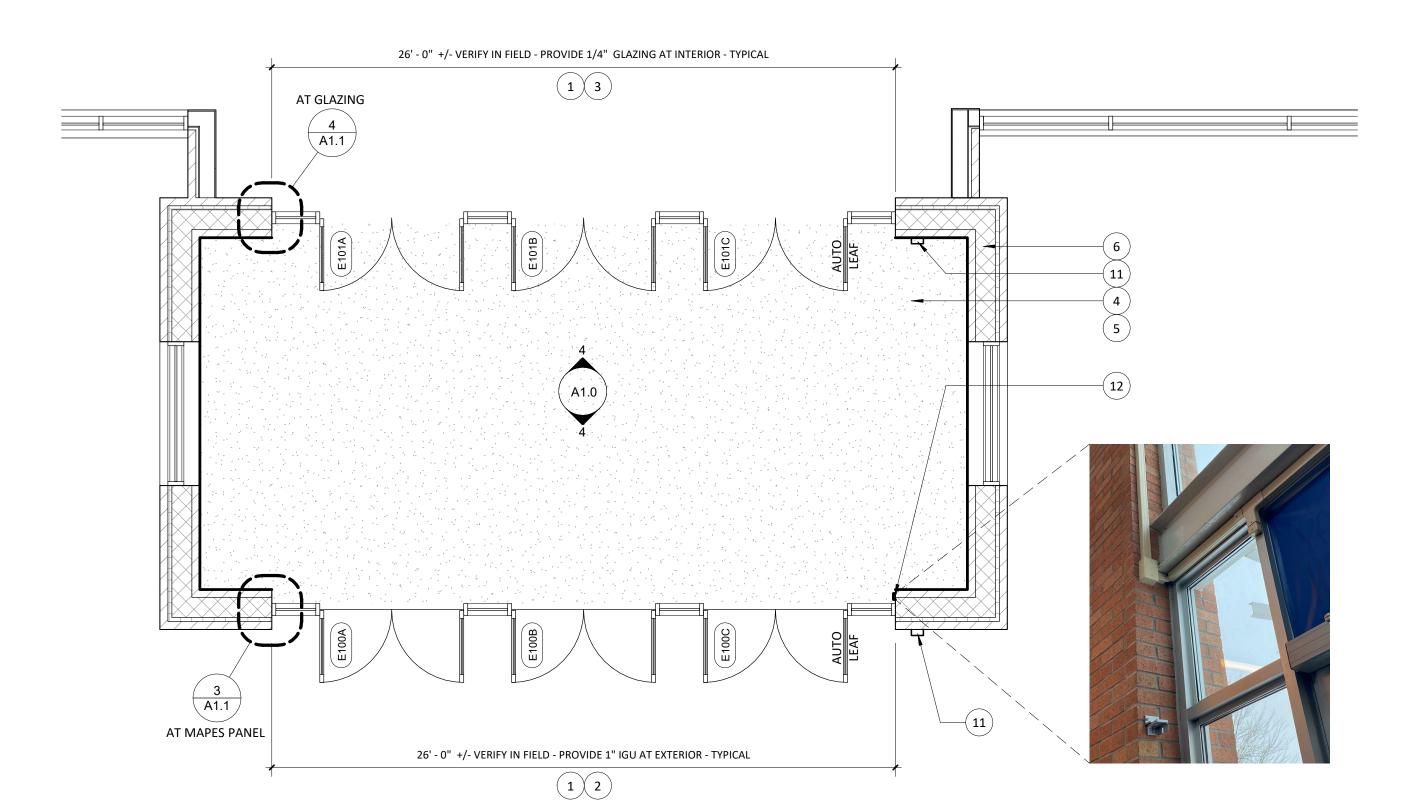


6", 2' - 0" ,6",6", 2' - 0" ,6"

-

4 TYPICAL FRAME ELEVATION 1/4" = 1'-0"

TYPICAL DOOR TYPE 1/4" = 1'-0"



26' - 0" +/- VERIFY

6' - 0"

A1.1

A1.1

∖ A1.1 /

6' - 0"

5

A1.1

A1.1

A1.1

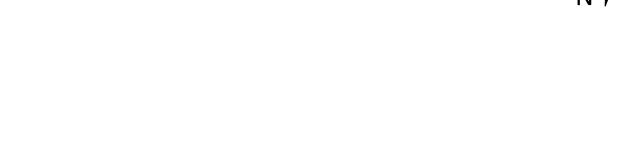
6' - 0"

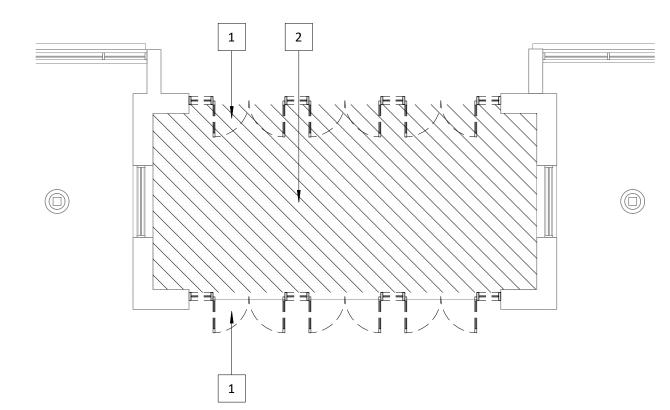
A1.1

A1.1

3 LINE ROUTING PLAN
1/16" = 1'-0"

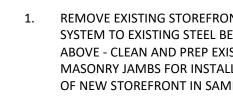




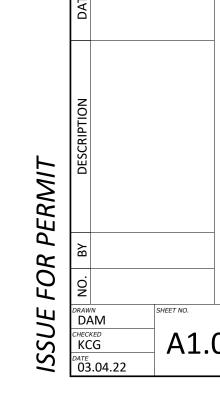


DEMOLITION NOTES:

- REMOVE EXISTING STOREFRONT SYSTEM TO EXISTING STEEL BEAM ABOVE - CLEAN AND PREP EXISTING MASONRY JAMBS FOR INSTALLATION OF NEW STOREFRONT IN SAME
- REMOVE EXISTING VESTIBULE CARPET AND RUBBER BASE - CLEAN AND PREP FLOOR FOR NEW LEAVELING FILL AND WALK-OFF MAT FLOORING - SEE NEW FLOOR PLAN



LOCATION



SHEET CONTENTS
DEMOLITION, NEW FLOOR
PLAN AND ELEVATIONS

POUDRE HIGH SCHOOL
MAIN ENTRY REPLACEMENT
FORT COLLINS, COLORADO

1 DEMOLITION PLAN AND NOTES

1/8" = 1'-0"

Poudre High School Main Entry Renovations 2022 Responsibility Matrix For: Hardware / Security Hardware / Electrified Hardware			
ITEM	RESPONSIBILITY (GC COORDINATE ALL)		
Door Frame Prep	Poudre School District approved door and hardware supplier		
Door Prep	Poudre School District approved door and hardware supplier		
Removable Mullions	Poudre School District approved door and hardware supplier		
Doors & Frames	Poudre School District approved door and hardware supplier		
Mechanical Hardware	Poudre School District approved door and hardware supplier		
Line Voltage	Electrical Subcontractor		
ZELow Voltage	Interface		
EPT's / Electrified Hinges	Poudre School District approved door and hardware supplier		
Electric Strikes	Poudre School District approved door and hardware supplier		
Card Readers/Card-Acc Devices	Tri-Tech Security		
Power Supplies: Line Voltage Low Voltage	Electrical Subcontractor Interface		
Auto Openers: Line Voltage Low Voltage	Electrical Subcontractor Interface AND Approved Subcontractor		

DOOR SCHEDULE					
MARK	WIDTH	HEIGHT	THICKNESS	MATRL	HDW
E100A	6' - 0"	8' - 6"	2"	ALUM	2
E100B	6' - 0"	8' - 6"	2"	ALUM	2
E100C	6' - 0"	8' - 6"	2"	ALUM	1
E101A	6' - 0"	8' - 6"	2"	ALUM	4
E101B	6' - 0"	8' - 6"	2"	ALUM	4
E101C	6' - 0"	8' - 6"	2"	ALUM	3

HARDWARE GROUP NO. 1

FOR USE ON MARK/DOOR #(S): E100C

EACH	TO HAVE:			
QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2 EA	CONT. HINGE	027XY TWP CON	US28	IVE
1 EA	MULLION STORAGE KIT	MK-60	689	SPE
1 EA	REMOVABLE MULLION	SL60	689	SPE
2 EA	ELEC PANIC DEVICE	SD-LX-RX-QEL-99-EO 24 VDC	626	VON
2 EA	MORTISE CYLINDER	20-061-SCHLAGE STRAIGHT CAM	626	SCH
1 EA	MORTISE CYLINDER	20-060 -ADAMS RITE CAM	626	SCH
3 EA	FSIC CORE	23-030 EV D145	626	SCH
2 EA	DOOR PULL	RM 4402LH TYPE 6 HD	630	ROC
1 EA	OVERHEADSTOP	904S	US32D	GLY
1 EA	SURFACE CLOSER	4111-3077SCNS EDA TBWMS	689	LCN
1 EA	SURF. AUTO OPERATOR	4642 MS AS REQ (120 VAC)(Flush Ceiling Mount)	ALUM	LCN
2 EA	WEATHER RING	8310-800	BLK	LCN
2 EA	ACTUATOR	WALL MOUNT 8310-3860T	630	LCN
2 EA	WIRELESS RECEIVER	8310-880		LCN
2 EA	TRANSMITTER	8310-886		LCN
1 SET	SEALS	BY ALUM DOOR/FRAME MANUFACTURER		
2 EA	DOOR SWEEP	BY ALUM DOOR/FRAME MANUFACTURER		
1 EA	THRESHOLD	172A-K (W/ PEMKOTE OPTION)	AL	PEM
2 EA	DOOR POSITION SWITCH	PROVIDED BY SECURITY CONTRACTOR		
1 EA	POWER SUPPLY	PS906 (2) 900-4RL 120/240 VAC (Will drive all six C	QEL devices)	SCH

HARDWARE GROUP NO. 2

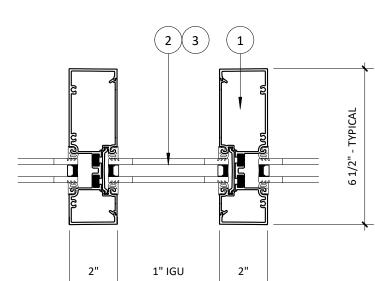
FOR U	ISE ON MARK/DOOR #(S):	E100A / E100B
EACH	TO HAVE:	
OTV	DECCRIPTION	CATALOC NULLABOR

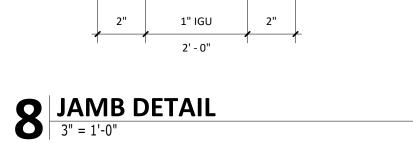
QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2 EA	CONT. HINGE	027XY TWP CON	US28	IVE
1 EA	STANDARD MULLION	SL60	689	SPE
2 EA	ELEC PANIC HARDWARE	SD- LX-RX-QEL-99-EO 24 VDC	626	VON
2 EA	MORTISE CYLINDER	20-061 ICX 36-083	626	SCH
2 EA	FSIC CORE	23-030 EV D 145	626	SCH
2 EA	DOOR PULL	RM 4402LH TYPE 6 HD	630	ROC
2 EA	SURFACE CLOSER	4111-3077SCNS EDA TBWMS	689	LCN
1 SET	SEALS	BY ALUM DOOR/FRAME MANUFACTURER		
2 EA	DOOR SWEEP	BY ALUM DOOR/FRAME MANUFACTURER		
1 EA	THRESHOLD	172A-K (W/ PEMKOTE OPTION)	AL	PEM
2 EA	DOOR POSITION SWITCH	PROVIDED BY SECURITY CONTRACTOR		

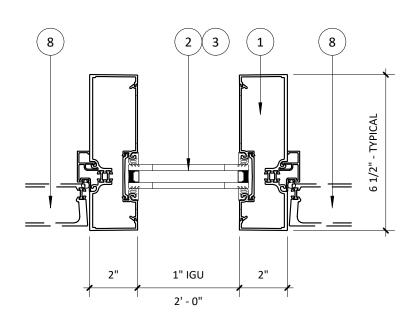
HARDWARE GROUP NO. 3 FOR USE ON MARK/DOOR #(S): <u>E101C</u>

EACH TO HAVE:			
QTY DESCRIPTION	CATALOG NUMBER	FINISH	MF
2 EA CONT. HINGE	027XY	US28	IVE
2 EA DOOR PULL	RM 4402LH TYPE 6 HD	630	RO
2 EA DOOR PUSH	RM 4450LH CTC 31" TYPE 6 HD	630	RO
1 EA SURFACE CLOSER	4111-3077SCNS EDA TBWMS	689	LCN
1 EA SURF. AUTO OPERATOR	4642 MS AS REQ (120 VAC)(Flush Ceiling Mount)	ALUM	LCN
1 EA OVERHEAD STOP	904S	US32D	GL۱
2 EA WEATHER RING	8310-800	BLK	LCN
2 EA ACTUATOR	WALL MOUNT 8310-3860T	630	LCN
2 EA WIRELESS RECEIVER	8310-880		LCN
2 EA TRANSMITTER	8310-886		LCN
1 SET SEALS	BY ALUM DOOR/FRAME MANUFACTURER		

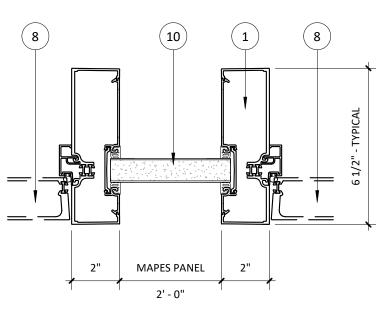
HARDWARE GROUP NO. 4			
FOR USE ON MARK/DOOR #(S	S): <u>E101A / E101B</u>		
EACH TO HAVE:			
QTY DESCRIPTION	CATALOG NUMBER	FINISH	MF
2 EA CONT. HINGE	027XY	US28	IVE
2 EA DOOR PULL	RM 4402LH TYPE 6 HD	630	RO
2 EA DOOR PUSH	RM 4450LH CTC 31" TYPE 6 HD	630	RO
2 EA SURFACE CLOSER	4111-3077SCNS EDA TBWMS	689	LCI
1 SET SEALS	BY ALUM DOOR/FRAME MANUFACTURER		



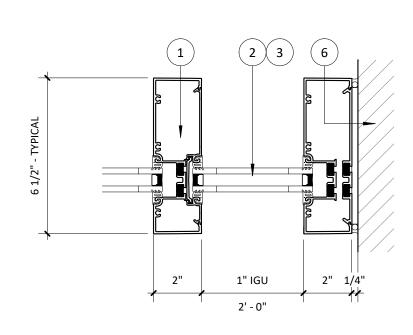




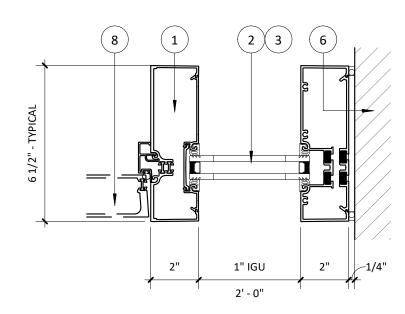




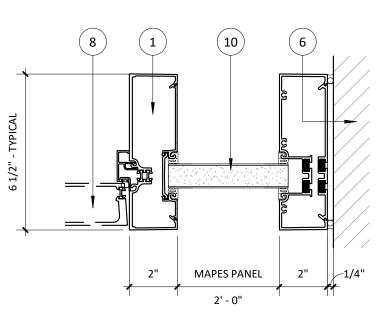












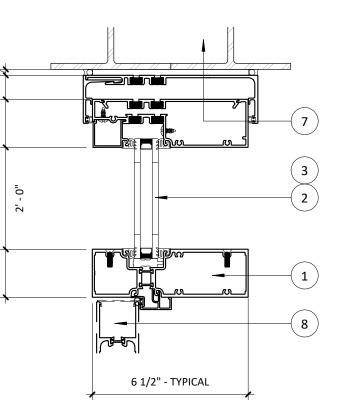
3 | JAMB DETAIL | 3" = 1'-0"



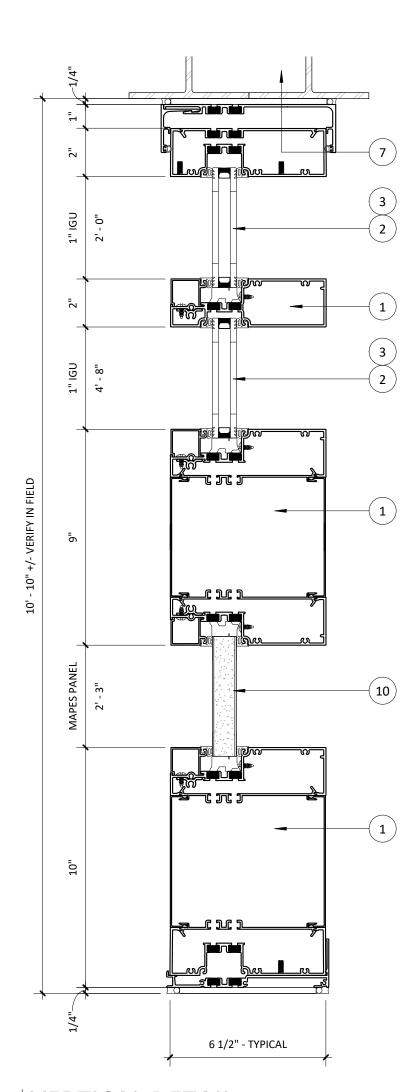
- A. SCOPE OF WORK TO INCLUDE REMOVAL AND REPLACEMENT OF EXISTING MAIN ENTRY STOREFRONT SYSTEM - LIKE FOR LIKE IN SIZE, STLYE AND FUNCTION
- B. CONTRACTOR TO FIELD VERIFY ALL EXISTING SITE CONDITIONS AND SHALL INFORM ARCHITECT AND OWNER OF ANT MAJOR
- DISCREPANCIES C. STOREFRONT BASIS OF DESIGN - TUBELITE TU24650 THERML BLOCK - SEE SPECIFICATIONS
- D. ALL GLAZING SHALL BE TEMPERED AND MEET CLASS II SAFETY STANDARDS

KEY NOTES:

- BASIS OF DESIGN: TUBELITE TU24650 THERML BLOCK 6-1/2" STOREFRONT SYSTEM AT MAIN ENTRY VESTIBULE, TYPICAL - SEE
- SPECIFICATIONS 2. PROVIDE 1" IGU UNITS AT EXTERIOR SYSTEM ONLY - SEE
- SPECIFICATIONS 3. INTERIOR GLAZING 8' - 6" AFF AND ABOVE SHALL BE TEMPERED AND MEET CLASS II SAFETY STANDARDS PER SPECIFICATIONS
- GLAZING BELOW 8' 6" SHALL BE LAMINATED SAFETY GLAZING AND MEET SAFETY STANDARDS PER SPECIFICATIONS 4. CONTRACTOR TO INFILL EXISTING CONCRETE DEPRESSION AND
- FLOAT VESTIBULE FLOOR TO LEVEL, PREP FLOOR FOR NEW ABRASSIVE ACTION WALK-OFF MAT 5. PROVIDE APPROXIMATELY 500 SF OF NEW ABRASSIVE ACTION
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- TYPICAL 7. EXISTING STEEL BEAMS AT STOREFRONT HEAD, PROVIDE
- MANUFACTURES SLIP TRACK HEAD UNIT, BACKER AND SEALANT AT BOTH SIDES AND AT FULL PERIMETER - TYPICAL 8. NEW ALUMINUM DOORS - SEE SPECIFICATIONS:
- BASE BID: TUBELITE MONUMENTAL ENTRANCE SERIES ADD ALTERNATE OPTION: SPECIAL-LITE MONUMENTAL SL-14 FRP/ALUMINUM HYBRID WITH CUSTOM GRAPHICS -
- GRAPHICS SHALL BE COORDINATED WITH OWNER IF ALTERNATE IS TAKEN DOOR GLAZING AS FOLLOWS:
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- 10. ALUMINUM INSULATED MAPES PANEL COLOR TO MATCH NEW STOREFRONT MATERIAL
- 11. EXISTING AUTO OPENER LOCATION SHOWN FOR RERERENCE 12. APPROXIMATE POINT OF CONNECTION FOR ELECTRIFIED
- HARDWARE SEE PHOTO CONTRACTOR TO VERFITY IN FIELD 13. ROUTE NEW LINE VOLTAGE POWER TO NEW QEL POWER SUPPLY AT THIS ROOM LOCATION - APPROXIMATELY 150' - CONTRACTOR
- TO FIELD VERIFY 14. REMOVE EXISTING HYDRONIC AUTO OPENER POWER AT THIS LOCATION - REUSE EXISTING POWER LINE FOR NEW ELECTRIC
- AUTO OPENER HARDWARE 15. ROUTE NEW LOW VOLTAGE DOOR POSITION SWITCHES LINES TO EXISTING SECURITY LINKS AT THIS ROOM LOCATION -APPROXIMATELY 250' - CONTRACTOR TO FIELD VERIFY



2 | **HEAD DETAIL** | 3" = 1'-0"



1 VERTICAL DETAIL

3" = 1'-0"





