

WASATCH ELEMENTARY SECURITY UPGRADE

PROVO SCHOOL DISTRICT
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PROJECT TEAM

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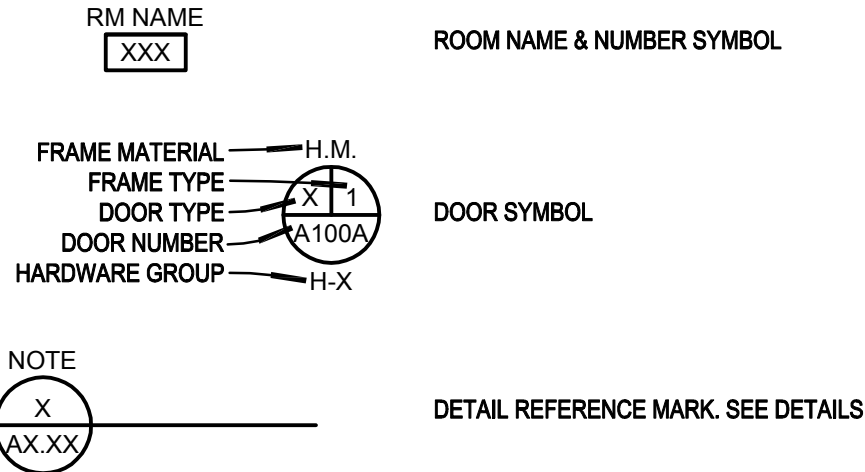
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door hardware consultant
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GENERAL NOTES

- IT IS THE CONTRACTORS RESPONSIBILITY TO REVIEW AND COORDINATE THE WORK OF ALL SUB-CONTRACTORS, TRADES AND SUPPLIERS. THE CONTRACTOR SHALL ENDEAVOR TO IDENTIFY AND NOTIFY THE ARCHITECT OF ANY CONFLICTS BETWEEN THE WORK OF DIFFERENT PARTIES AT THE EARLIEST POSSIBLE DATE SO AS TO ALLOW REASONABLE AND ADEQUATE TIME FOR THE CONFLICT TO BE RESOLVED WITHOUT DELAYING THE WORK. ALL DEVIATIONS FROM THAT WHICH IS REQUIRED BY THE CONTRACT DOCUMENTS MUST BE APPROVED IN ADVANCE BY THE ARCHITECT.
- AS PART OF THE CONTRACTORS RESPONSIBILITY TO COORDINATE THE WORK OF ALL SUB-CONTRACTORS, TRADES AND SUPPLIERS, THE CONTRACTOR SHALL ENDEAVOR TO IDENTIFY AND NOTIFY THE ARCHITECT OF ANY CONFLICTS BETWEEN THE WORK OF DIFFERENT PARTIES AT THE EARLIEST POSSIBLE DATE SO AS TO ALLOW REASONABLE AND ADEQUATE TIME FOR THE CONFLICT TO BE RESOLVED WITHOUT DELAYING THE WORK. ALL DEVIATIONS FROM THAT WHICH IS REQUIRED BY THE CONTRACT DOCUMENTS MUST BE APPROVED IN ADVANCE BY THE ARCHITECT.
- THE ARCHITECTURAL DRAWINGS ESTABLISH AND COORDINATE THE FINISHED APPEARANCE AND EXACT LOCATION OF ALL EXPOSED ELEMENTS OF THE WORK OF ALL THE TRADES, INCLUDING THAT WORK WHICH IS ILLUSTRATED PRIMARILY ON DRAWINGS OF OTHER DISCIPLINES. QUANTITIES ARE TO BE PROVIDED AS SHOWN ON DRAWINGS OF OTHER DISCIPLINES BUT LOCATIONS SHOWN ON OTHER DRAWINGS ARE SCHEMATIC, UNLESS OTHERWISE NOTED ON THE ARCHITECTURAL DRAWINGS. THE ARCHITECTURAL DRAWINGS TAKE PRECEDENCE FOR THE FINISHED APPEARANCE AND EXACT LOCATION OF ALL PARTS OF THE WORK.
- EXCEPT WHERE DIRECTED TO PLACE ITEMS OF WORK AT THE APPROXIMATE LOCATION SHOWN, DO NOT SCALE DRAWINGS FOR DIMENSIONAL INFORMATION. ALL ELEMENTS OF THE DRAWINGS MAY NOT BE DRAWN TO EXACT SCALE. ALL DIMENSIONS REQUIRED ARE SHOWN OR MAY BE DERIVED FROM THOSE SHOWN ON THE FLOOR PLANS, DETAIL PLANS, ELEVATIONS, SECTIONS, DETAILS, SCHEDULES AND SPECIFICATIONS. IF DIMENSIONS ARE NOT PRESENT, THE ARCHITECT IS TO BE NOTIFIED SO THAT A CLARIFICATION CAN BE ISSUED.

SYMBOL LEGEND



NOTES TO BIDDERS

- THIS SHEET CONTAINS A LIST OF DRAWINGS WHICH COMPRISE A FULL SET OF DRAWINGS FOR THIS PROJECT. ANY CONTRACTOR, SUBCONTRACTOR, VENDOR OR ANY OTHER PERSON PARTICIPATING IN OR BIDDING ON THIS PROJECT SHALL BE RESPONSIBLE FOR THE INFORMATION CONTAINED IN ANY AND ALL SHEETS OF DRAWINGS AND SPECIFICATIONS. IF ANY PERSON, PARTY OR ENTITY ELECTS TO SUBMIT BIDS FOR ANY PORTION, OR ALL, OF THIS PROJECT, THAT PERSON, PARTY OR ENTITY SHALL BE RESPONSIBLE FOR ANY AND ALL INFORMATION CONTAINED IN THESE DRAWINGS AND SPECIFICATIONS, INCLUDING, BUT NOT LIMITED TO, ANY SUBSEQUENT ADDENDUMS OR CLARIFICATIONS THAT MAY BE ISSUED.
- THESE DOCUMENTS SHOW THE DESIGN INTENT. IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE EVERYTHING SHOWN ON THE DRAWINGS OR IN THE SPECIFICATIONS. FOR EXAMPLE, SOME MILLWORK DETAILS HAVE STEEL FRAMES WHICH MAY BE PROVIDED BY DIVISION 05 OR WITH THE MILLWORK AT THE CONTRACTORS DISCRETION, BUT IT SHALL BE PROVIDED AS PART OF THE CONTRACT.

DESIGN DATA

GOVERNING BUILDING CODES:
IBC 2015 TO INCLUDE APPENDIX J, ANSI 117.1 2009, IMC 2015, IECC 2015, NEC 2014, IFGC 2015, NFPA 101 LIFE SAFETY 2015

TENANT IMPROVEMENT TO EXISTING BUILDING, NO STRUCTURAL CHANGES ARE BEING MADE.

AUTOMATIC SPRINKLER SYSTEM, 803.2.3 - YES

OCCUPANCY TYPE - (CH.3)
• E @EDUCATION

EXISTING REQUIREMENTS UNCHANGED FROM ORIGINAL BUILDING.

ABBREVIATIONS

A.F.F. AIR SPACE	ABOVE FINISH FLOOR	F.A. FINISHED	FIRE ALARM	R.O. ROUGH OPENING
ASPH. & AT	ASPHALT	F.H. FIELD VERIFY	FIRE HYDRANT	RM. REINFORCED
ALUM. ARCH. BLDG. BTM.	ALUMINUM ARCHITECTURAL BUILDING BOTTOM	F.V. G.W.B. GYP.	GYP-SUM WALLBOARD	REC. REINFORCED
BD. C.G. C.T.J.	BOARD CORNER GUARD CONTRACT JOINT	GA. GALV. G.I.	GYP-SUM WALLBOARD	R.W. REINFORCED
CLS. C.M.U. CO.	CENTER LINE CONCRETE CONCRETE MASONRY UNIT	H.C. H.P. H.M.	HOLLO-METAL HANDICAP HIGH POINT	S. SCUPPER
CORR. COL.	CORRIDOR COLUMN	H.T. HORIZ. H.W.	HORIZONTAL HARDWOOD INSULATION	S.B.U. STRUCTURAL BRICK UNIT
COMP. CONT.	COMPUTER CONTINUOUS	INSUL. I.D. K.O.	INSIDE DIAMETER KNOCK OUT MEN'S TOILET	S.F. SQUARE FOOT
CLS. C.T. CLR.	CLOSURE STRIP CERAMIC TILE CLEAN OUT	K.W. LBS MECH. MEZZ.	KILOWATTS POUNDS MECHANICAL MEZZANINE	SIM. SIMILAR
C.O.T.G. C.I. DEPT.	CLEAN OUT TO GRADE CAST IRON DEPARTMENT	MFR/MFR MGR M.T.	MANUFACTURER MANAGER MEN'S TOILET	SUSP. SUSPENDED
DIA. D.F. DN.	DIAMETER DRAIN FOUNTAIN DOWN	MAX. MIN. M.O.	MAXIMUM MINIMUM MASONRY OPENING	SYS. SYSTEM
DISP. DIM.	DISPENSER DIMENSION	M.H. MACH. M.C.C.	MANHOLE MACHINERY MOTOR CONTROL CENTER	SPEC. SPECIFICATIONS
DT./DTL./DET. DWG./DRWG. DRN.	DETAIL DRAWING DRAIN	MISC. NO. N.I.C.	MISCELLANEOUS NUMBER NOT IN CONTRACT	STRG. STORAGE
EA. ELEV./EL EXIST./E	EACH ELEVATION EXISTING	NOM. N.T.S. O.C.	NOMINAL NOT TO SCALE ON CENTER	STRUC. STRUCTURAL
ELECT. EQUIP. E.E.S.	ELECTRICAL EQUIPMENT EMERGENCY EYEWASH AND SHOWER	PNTH PTN. P.W.	PENTHOUSE PARTITION PLYWOOD	ST. STEEL
EIF. EVAP. EXP.	EXTERIOR INSULATION SYSTEM EVAPORATIVE EXPANSION	P.C. P.C. P.NL.	POINT OF CONNECTION PORTLAND CEMENT PANEL	SCH. SCHEDULE
F.G. F.D. FDM./FNDTN.	FINISH GRADE FLOOR DRAIN FOUNDATION	P.F.H. P.T. R.D.	PERIMETER FELT JOINT QUARRY TILE ROOF DRAIN	S.S. STAINLESS STEEL
FTG. FLR.	FOOTING FLOOR			SOFT WOOD

DRAWING INDEX

GENERAL
G101 GENERAL INFORMATION

ARCHITECTURAL
A101 FLOOR PLAN & DETAILS

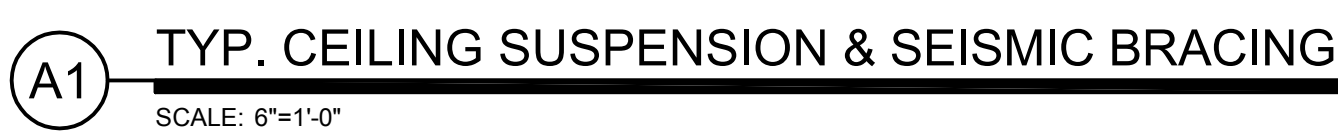
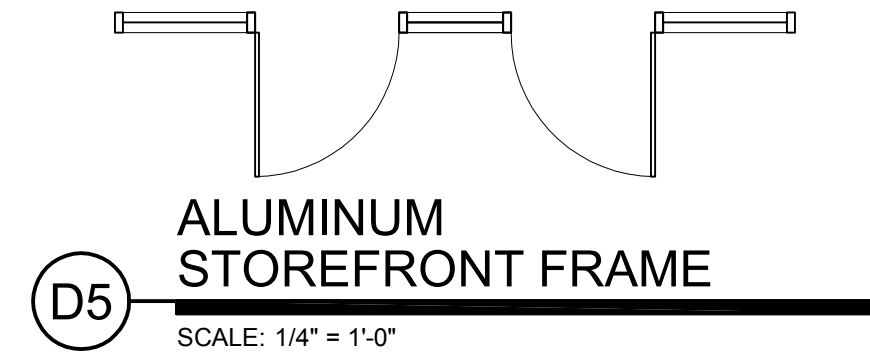
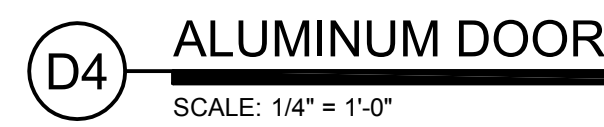
ARCHITECTURAL (CONT.)
A201 DOOR HARDWARE

ELECTRICAL
EG101 SYMBOLS, SCHEDULES & NOTES
EY101 LOBBY - SYSTEMS PLAN

VICINITY MAP



CONSTRUCTION DOCUMENTS
2018-08-13



SYMBOL LEGEND	
ROOM NAME	ROOM NAME NUMBER
<h2 style="margin: 0;">GENERAL NOTES</h2>	
<ol style="list-style-type: none"> 1. THE CONTRACTOR MUST FIELD VERIFY ALL DIMENSIONS AND CONDITIONS INCLUDING EXISTING UTILITIES PRIOR TO BIDDING AS THE LOCATIONS SHOWN IN THE DOCUMENTS ARE APPROXIMATED. ALL VARIANCES NOT SHOWN IN THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO BID. 2. CONTRACTOR TO COORDINATE WITH ELECTRICAL PLANS FOR LOCATIONS OF ALL EXISTING AND NEW EQUIPMENT, SYSTEMS, AND DEVICES. 3. AS SOME DEMOLITION WORK WILL BE SPECIFIC TO DIVISION 22, 23, 26, THE CONTRACTOR SHALL CROSS REFERENCE WITH ELECTRICAL PLANS FOR ADDITIONAL DEMOLITION WHICH IS REQUIRED, BUT NOT REFLECTED IN THE ELECTRICAL DRAWINGS. RELOCATE, REMOVE AND/OR RECONNECT EXISTING ELECTRICAL AND MECHANICAL DEVICES OR EQUIPMENT THAT IS REQUIRED FOR ANY REASON OBSTRUCTS CONSTRUCTION. 4. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT THE EXISTING STRUCTURE, FINISHES, AND SITE ELEMENTS. 5. ALL EXISTING INTERIOR FINISHES, MATERIALS, STRUCTURE, SYSTEMS, LANDSCAPING, AND SITE FEATURES, ETC., THAT ARE DAMAGED DURING THE PROCESS OF CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION OR REPLACED TO MATCH ALL THE CONTRACTORS SPECIFICATIONS. 6. CONTRACTOR IS TO COORDINATE ALL DEMOLITION AND CONSTRUCTION ACTIVITIES WITH THE OWNER REPRESENTATIVES OF ADJACENT BUILDING TENANTS. CONTRACTOR TO SCHEDULE WORK AND COORDINATE ANY UTILITY SHUT OFFS OR INTERRUPTIONS WITH BUILDING OWNER 2 WEEKS PRIOR TO OCCURRENCE. 7. IN AREAS WHERE CONJOINT CONTINUITY IS INTERRUPTED, BUT MUST BE MAINTAINED, MAKE ALL NECESSARY MODIFICATIONS TO THE CIRCUITS IN ORDER TO MAINTAIN CIRCUIT INTEGRITY. 8. CONTRACTOR TO USE DUST CONTROL AND SOUND CONTROL IN ALL DEMOLITION AND CONSTRUCTION. 9. ALL DOOR/FRAMES RECEIVING NEW HARDWARE TO BE PATCHED, REPAIRED, AND REFINISHED AS NEEDED. 	

KEYED NOTES

DIVISION 2 - EXISTING CONDITIONS / DEMOLITION

2A MODIFY EXG H.M. DOOR TO WIDEN LITE TO 24" WIDE.
PATCH, REPAIR & PAINT AS REQUIRED

2B EXG FLOOR COVERINGS, PROTECT IN PLACE

2C REPLACE EXG STAINED GLASS IN EXG H.M. FRAME WITH
1/4" CLEAR TEMPERED GLASS, CONTRACTOR TO F.V.
SIDE, SALVAGE STAINED GLASS & RETURN TO OWNER

2D REMOVE EXG CEILING SYSTEM AS REQUIRED TO INSTALL
NEW DOOR/HEADER, REPAIR/REPLACE TO MATCH EXG
CEILING TYPE/HHEIGHT

2E EXISTING MILL/WORK, PROTECT IN PLACE

2F EXISTING DOOR/WINDOW SYSTEM TO REMAIN, PROTECT
IN PLACE

2G EXISTING WALL TO REMAIN, PROTECT IN PLACE, PATCH
& REPAIR AS NEEDED IF DAMAGED

DIVISION 8 - DOORS & WINDOWS

8A SCHEDULED DOOR & FRAME

DIVISION 16 - ELECTRICAL

16A CARD READER

16B LOCK DOWN / DOOR RELEASE/BUTTONS, MOUNTED UNDER
COUNTERTOP, SEE ELECTRICAL DRAWINGS FOR DETAILS.

<div> <div>SECTION 08 7100</div> <div>DOOR HARDWARE</div> </div> <div> <div>PART 1 - GENERAL</div> <div> <div>1.1 RELATED DOCUMENTS</div> <div> <div>A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.</div> </div> </div> <div> <div>1.2 SUMMARY</div> <div> <div>A. This Section includes the following:</div> <div> <div>1. Commercial door hardware for the following:</div> <div>a. Swinging doors.</div> <div>b. Cylinders for doors specified in other Sections.</div> <div>c. Electrified door hardware.</div> </div> </div> <div> <div>B. Related Sections include the following:</div> <div> <div>1. Section 08 4100 "Aluminum-Framed Entrances and Storefronts"</div> <div>2. Division 28 Sections for connections to electrical power system and for low-voltage wiring work.</div> <div>3. 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HINGE</div> <div>12HD</div> <div>628</div> <div>I/E</div> </div> <div> <div>1 EA PANIC HARDWARE</div> <div>LD-36-NL-OP-110MD</div> <div>626</div> <div>VON</div> </div> <div> <div>1 EA PROVIDED BY OWNER</div> <div>PERMANENT CYL CORE</div> <div>626</div> <div>B/O</div> </div> <div> <div>1 EA RIM HOUSING</div> <div>20-079</div> <div>630</div> <div>SCH</div> </div> <div> <div>1 EA ELECTRIC STRIKE</div> <div>6300 FSE</div> <div>630</div> <div>VON</div> </div> <div> <div>1 EA OH STOP & HOLDER</div> <div>100H ADJ</div> <div>630</div> <div>GLY</div> </div> <div> <div>1 EA SURFACE CLOSER</div> <div>4040XP EDW/62G MC</div> <div>689</div> <div>LCN</div> </div> <div> <div>1 EA PA MOUNTING PLATE</div> <div>4040-18PA</div> <div>689</div> <div>LCN</div> </div> <div> <div>1 EA 5TH SCREW SUPPORT</div> <div>4040XP-30</div> <div>689</div> <div>LCN</div> </div> <div> <div>1 SET PERIMETER SEALS</div> <div>DOOR MFG STD</div> <div>689</div> <div>B/O</div> </div> <div> <div>1 EA CREDENTIAL READER</div> <div>BY DIVISION 28</div> <div>689</div> <div>B/O</div> </div> <div> <div>1 EA DOOR CONTACT</div> <div>679-05HM</div> <div>689</div> <div>SCE</div> </div> <div> <div>1 EA REMOTE SWITCH</div> <div>BY DIV 28</div> <div>689</div> <div>SCE</div> </div> </div> <div> <div>CARD IN, USER PRESENTS CREDENTIAL, ELECTRIC STRIKE KEEPER RELEASES, USER OPENS DOOR TO ENTER. DOOR POSITION IS MONITORED THROUGH ACCESS CONTROL SYSTEM. ELECTRIC STRIKE MAY BE REMOTELY RELEASED FROM RECEPTION.</div> </div> <div> <div>HW SET NO: A2</div> <div>DOOR NUMBER: (INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING DOORS)</div> <div>W102</div> <div>EACH TO HAVE:</div> <div> <div>1 EA CONT. HINGE</div> <div>12HD</div> <div>628</div> <div>I/E</div> </div> <div> <div>1 EA PANIC HARDWARE</div> <div>LD-36-EO</div> <div>626</div> <div>VON</div> </div> <div> <div>1 EA 90 DEG OFFSET PULL</div> <div>8190HD 10"</div> <div>630</div> <div>I/E</div> </div> <div> <div>1 EA OH STOP & HOLDER</div> <div>100H ADJ</div> <div>630</div> <div>GLY</div> </div> <div> <div>1 EA SURFACE CLOSER</div> <div>4040XP EDW/62G MC</div> <div>689</div> <div>LCN</div> </div> <div> <div>1 EA PA MOUNTING PLATE</div> <div>4040-18PA</div> <div>689</div> <div>LCN</div> </div> <div> <div>1 EA 5TH SCREW SUPPORT</div> <div>4040XP-30</div> <div>689</div> <div>LCN</div> </div> <div> <div>1 SET PERIMETER SEALS</div> <div>DOOR MFG STD</div> <div>689</div> <div>B/O</div> </div> <div> <div>1 EA DOOR CONTACT</div> <div>679-05HM</div> <div>689</div> <div>SCE</div> </div> </div> <div> <div>DOOR POSITION IS MONITORED THROUGH ACCESS CONTROL SYSTEM.</div> </div>	<div> <div>SECTION 08 7100</div> <div>DOOR HARDWARE</div> </div> <div> <div>PART 1 - GENERAL</div> <div> <div>1.1 RELATED DOCUMENTS</div> <div> <div>A. 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ANSI/BHMA A156.4: Door Controls - Closers, 2008 edition</div> <div>c. ANSI/BHMA A156.18: Materials and Finishes, 2008 edition</div> <div>3. Door and Hardware Institute (DHI)</div> <div>a. Recommended Locations for Architectural Hardware for Standard Steel Doors and Frames, 2004 edition</div> <div>b. Installation Guide for Doors and Hardware, 1994 edition</div> <div>c. Keying Systems and Nomenclature, 2003 edition</div> <div>d. Sequence and Format for the Hardware Schedule, 2001 edition</div> <div>4. National Fire Protection Association (NFPA)</div> <div>a. NFPA 70: National Electrical Code, edition as adopted by local AHJ.</div> </div> </div> </div></div></div>	<div> <div>PSD WASATCH ES SECURITY UPGRADE</div> <div>DOOR HARDWARE</div> </div> <div> <div>03 AUG 2018 - VCBO 18370</div> <div>SECTION 08 7100 - PAGE 1</div> </div>	<div> <div>PSD WASATCH ES SECURITY UPGRADE</div> <div>DOOR HARDWARE</div> </div> <div> <div>03 AUG 2018 - VCBO 18370</div> <div>SECTION 08 7100 - PAGE 2</div> </div>	<div> <div>PSD WASATCH ES SECURITY UPGRADE</div> <div>DOOR HARDWARE</div> </div> <div> <div>03 AUG 2018 - VCBO 18370</div> <div>SECTION 08 7100 - PAGE 3</div> </div>	<div> <div>PSD WASATCH ES SECURITY UPGRADE</div> <div>DOOR HARDWARE</div> </div> <div> <div>03 AUG 2018 - VCBO 18370</div> <div>SECTION 08 7100 - PAGE 4</div> </div>	<div> <div>PSD WASATCH ES SECURITY UPGRADE</div> <div>DOOR HARDWARE</div> </div> <div> <div>03 AUG 2018 - VCBO 18370</div> <div>SECTION 08 7100 - PAGE 5</div> </div>	<div> <div>PSD WASATCH ES SECURITY UPGRADE</div> <div>DOOR HARDWARE</div> </div> <div> <div>03 AUG 2018 - 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ABBREVIATION SCHEDULE			
NOTE: NOT ALL ABBREVIATIONS MAY BE USED.			
A	ABOVE COUNTER	ISO	ISOLATED
A	AMP OR AMPS	KVA	KILO VOLT AMPERES
ADJ	ADJACENT	KW	KILOWATTS
AFF	ABOVE FINISHED FLOOR	LFMC	LIQUID-TIGHT METAL CONDUIT
AHJ	AUTHORITY HAVING JURISDICTION	LFNC	LIQUID-TIGHT NONMETAL CONDUIT
AL	ALUMINUM	MCA	MINIMUM CIRCUIT AMPS
C	CONDUIT	MLO	MAIN LUGS ONLY
CB	CIRCUIT BREAKER	N.C.	NORMALLY CLOSED
CKT	CIRCUIT	NOT IN CONTRACT	NOT IN CONTRACT
C.O.S	CONVENIENCE OUTLETS	N.L.	NIGHT LIGHT
CU	COPPER	N.O.	NORMALLY OPEN
EA	EACH	ON CENTER(S)	ON CENTER(S)
ELEC	ELECTRICAL	O.C.	OVER CURRENT PROTECTION
EM	EMERGENCY	QTY	QUANTITY
EMT	ELECTRIC METALLIC TUBING	R	REMOVE
EQUIP	EQUIPMENT	REQ.	REQUIREMENTS
EW	ELECTRIC WATER COOLER	RMC	RIGID METAL CONDUIT
E EX	EXISTING	RNC	RIGID NONMETALLIC CONDUIT
EXP	EXPLOSION PROOF	RR	REMOVE AND RELOCATE
FA	FIRE ALARM	SS	SURGE SUPPRESSION
FACP	FIRE ALARM CONTROL PANEL	SCP	SECURITY CONTROL PANEL
FLA	FULL LOAD AMPS	TR	TAMPER RESISTANT
FMC	FLEXIBLE METAL CONDUIT	TYP	TYPICAL
FGB	FREIGHT ON BOARD	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
GND	GROUND CONDUCTOR	UF	UNDER FLOOR
HOA	HAND-OFF-AUTO	UG	UNDERGROUND
HP	HORSE POWER	U.N.O.	UNLESS NOTED OTHERWISE
IG	ISOLATED GROUND	W	WITH
IMC	INTERMEDIATE METAL CONDUIT	WP	WEATHER PROOF
INS	INSULATED	XFMR	TRANSFORMER

LIGHTING SYMBOLS			
1. LIGHT FIXTURE SYMBOLS ARE GENERAL IN NATURE AND MAY BE SHOWN ON THE DRAWINGS IN VARIOUS SIZES AND SHAPES. REFER TO THE LIGHT FIXTURE SCHEDULE FOR SPECIFICATION INFORMATION.			
2. ARROWS INDICATE AIMING DIRECTION.			
SYMBOL	DESCRIPTION	MOUNTING	REMARKS
	ARM-MOUNTED SINGLE-HEAD LIGHT FIXTURE AND POLE	AS SPECIFIED OR DETAILED	
	ARM-MOUNTED DOUBLE-HEAD LIGHT FIXTURE AND POLE	AS SPECIFIED OR DETAILED	
	POST-TOP SINGLE-HEAD, LIGHT FIXTURE AND POLE	AS SPECIFIED OR DETAILED	
	WALL-MOUNTED FIXTURE	AS SPECIFIED OR DETAILED	REFER TO ARCHITECTURAL EXTERIOR ELEVATIONS FOR MOUNTING HEIGHT
	LIGHT BOLLARD	AS SPECIFIED OR DETAILED	
	FLOOD LIGHT	AS SPECIFIED OR DETAILED	
	RECESSED WALL FIXTURE OR STEP LIGHT	AS SPECIFIED OR DETAILED	REFER TO ARCHITECTURAL EXTERIOR ELEVATIONS FOR MOUNTING HEIGHT
	FLUORESCENT LIGHT FIXTURES	AS SPECIFIED OR DETAILED	
	PARABOLIC - LOUVERED LIGHT FIXTURES	AS SPECIFIED OR DETAILED	
	RECESSED INDIRECT FLUORESCENT LIGHT FIXTURES	AS SPECIFIED OR DETAILED	
	WALL-MOUNTED LINEAR FLUORESCENT LIGHT FIXTURE	AS SPECIFIED OR DETAILED	
	FLUORESCENT LINEAR WALL WASHER	AS SPECIFIED OR DETAILED	
	RECESSED DOWN LIGHT	AS SPECIFIED OR DETAILED	
	RECESSED WALL-WASHER OR DIRECTIONAL DOWNLIGHT	AS SPECIFIED OR DETAILED	IF SHOWN, ARROW INDICATES AIMING DIRECTION
	SURFACE OR PENDANT-MOUNTED LIGHT FIXTURE	AS SPECIFIED OR DETAILED	
	WALL-MOUNTED LIGHT FIXTURE	AS SPECIFIED OR DETAILED	REFER TO ARCHITECTURAL EXTERIOR ELEVATIONS FOR MOUNTING HEIGHT
	TRACK OR MONO-POINT LIGHT FIXTURE	AS SPECIFIED OR DETAILED	IF SHOWN, ARROW INDICATES AIMING DIRECTION
	WALL SCONCE	AS SPECIFIED OR DETAILED	
	FLUORESCENT EGRESS LIGHT FIXTURE	AS SPECIFIED OR DETAILED	THIS IS AN EXAMPLE OF AN EGRESS LIGHT FIXTURE. EGRESS LIGHT FIXTURES ARE HALF-SHADED DIAGONALLY.
	FLUORESCENT EMERGENCY (NON-EGRESS) LIGHT FIXTURE	AS SPECIFIED OR DETAILED	THIS IS AN EXAMPLE OF AN EMERGENCY (NON-EGRESS) LIGHT FIXTURE. EMERGENCY FIXTURES ARE FULLY-SHADED.
	CEILING MOUNTED EXIT SIGN	CEILING	DARKENED PORTION OF SIGN INDICATES FACE(S); ARROW(S) INDICATE CHEVRON DIRECTION(S)
	WALL MOUNTED EXIT SIGN	WALL ABOVE DOOR	
	WALL-MOUNTED EXIT SIGN W/ EMERGENCY LIGHT FIXTURE	WALL ABOVE DOOR	
	TIME CLOCK	+60"	
	LIGHTING AND APPLIANCE PANELBOARD	AS NOTED	
	ELECTRIC PHOTOCELL	N/A	MOUNT ON ROOF FACING NORTH SKY
	LIGHT FIXTURE CALLOUT (LETTER DENOTES FIXTURE TYPE)		

GENERAL PROJECT NOTES:

- DIVISION 26 CONTRACTOR IS RESPONSIBLE FOR READING AND APPLYING WHAT IS IN THE SPECIFICATIONS TO THIS PROJECT. ANYTHING THAT IS NOT INCLUDED ON THE PROJECT THAT IS CALLED OUT IN THE SPECIFICATION SHALL BE LISTED ON THE SUBSTANTIAL COMPLETION PUNCHLIST. THE CONTRACTOR WILL BE REQUIRED TO REMEDY THESE DEFICIENCIES. THERE WILL BE NO EXCEPTIONS.
- THE CONTRACTOR MAY SCHEDULE A PRE-CONSTRUCTION MEETING. AT THEIR DISCRETION WITH THE ELECTRICAL ENGINEER AND REVIEW THE DRAWINGS AND SPECIFICATIONS. THE MEETING SHALL BE A MAXIMUM OF ONE HOUR AND SHALL TAKE PLACE AT THE ENGINEER'S OFFICE.
- THE FOLLOWING ITEMS ARE SOME OF THE REQUIREMENTS THAT ARE LISTED IN THE SPECIFICATIONS. THESE ITEMS DO NOT REPRESENT ALL ITEMS AND THE CONTRACTOR IS RESPONSIBLE FOR MEETING ALL REQUIREMENTS OF THE SPECIFICATIONS.
 - INSULATED THROAT CONNECTORS OR PLASTIC BUSHINGS SHALL BE UTILIZED FOR ALL CONDUIT SIZES USED ON THIS PROJECT.
 - THE CONTRACTOR SHALL LABEL ALL ELECTRICAL EQUIPMENT AS IT IS CALLED OUT IN THE SPECIFICATIONS.
 - THE CONTRACTOR SHALL PROVIDE SEISMIC SUPPORT AND BRACING FOR ALL ELECTRICAL EQUIPMENT AS REQUIRED BY LOCAL AND NATIONAL CODE.
- THE CONTRACTOR IS RESPONSIBLE TO ENSURE THE WIRE IS LARGE ENOUGH FOR VOLTAGE DROP.
- THE CONTRACTOR SHALL VISIT THE SITE BEFORE SUBMITTING THE BID, AND SHALL EXAMINE ALL PHYSICAL CONDITIONS WHICH MAY BE MATERIAL TO THE PERFORMANCE OF HIS WORK. NO EXTRA PAYMENTS WILL BE ALLOWED TO THE CONTRACTOR AS A RESULT OF EXTRA WORK MADE NECESSARY BY HIS FAILURE TO DO SO. ANY CASE OF DISCREPANCY OR LACK OF CLARITY SHALL BE PROMPTLY IDENTIFIED TO THE OWNER'S REPRESENTATIVE AND THE ENGINEER FOR CLARIFICATION.
- THE CONTRACTOR SHALL MAKE SURE THAT ALL BRANCH CIRCUITS THAT ARE AFFECTED BY THIS PROJECT ARE NOT OVERLOADED. PROVIDE ADDITIONAL BRANCH CIRCUITS FROM ELECTRICAL PANELS AS NECESSARY TO COMPLY WITH THE BRANCH CIRCUIT LOADING REQUIREMENTS. PROVIDE ALL MATERIAL AND LABOR AS NECESSARY FOR A COMPETENT OPERATING SYSTEM.
- PROVIDE UPDATED, TYPED PANELBOARD SCHEDULE(S) TO REFLECT ALL THE CHANGES MADE INCLUDING EXISTING LOADS. THE EXISTING LOADS SHALL BE NAMED THE SAME AS LISTED ON THE EXISTING PANELBOARD SCHEDULE.

SECURITY SYMBOLS			
SYMBOL	DESCRIPTION	MOUNTING	REMARKS
	MOTION DETECTOR	CEILING	SUBSCRIPT DENOTES DEGREES OF MONITORED AREA
	KEYPAD	+48"	
	OVERHEAD MAGNETIC CONTACT DOOR SWITCH	DOOR	
	MAGNETIC CONTACT DOOR SWITCH	DOOR	
	GLASS BREAK DETECTOR	CEILING	
	SIREN	+90"	

ACCESS CONTROL SYMBOLS			
SYMBOL	DESCRIPTION	MOUNTING	REMARKS
	REQUEST-TO-EXIT MOTION DETECTOR	CEILING	
	ELECTROMAGNETIC DOOR STRIKE	DOOR	
	MAGNETIC DOOR CONTACT SWITCH	DOOR	
	MAGNETIC LOCK	DOOR	
	DURESS PUSH-BUTTON	BELOW DESK	
	LOCK DOWN PUSH-BUTTON	DESK	
	DOOR CONTROL PUSH-BUTTON	DESK	
	PROXIMITY CARD READER	+48"	
	WIRELESS ACCESS PANEL INTERFACE MODULE	ABOVE CLG	
	PROXIMITY CARD READER / KEYPAD	+48"	
	MAGNETIC STRIP CARD READER	+48"	

CLOSED CIRCUIT TELEVISION SYMBOLS			
SYMBOL	DESCRIPTION	MOUNTING	REMARKS
	CLOSED CIRCUIT TELEVISION CAMERA (FIXED)	CEILING	
	CLOSED CIRCUIT TELEVISION CAMERA (PANTILT/ZOOM)	CEILING	
	CLOSED CIRCUIT TELEVISION CAMERA (HIGH SPEED DOME WITH PAN / TILT / ZOOM HEAD)	CEILING	
	CLOSED CIRCUIT TELEVISION MONITOR	DESK	
	MATRIX SWITCHER	DESK	
	FIBER JUNCTION BOX	72" TO TOP OF BOX	

GEAR AND CONTROL SYMBOLS			
SYMBOL	DESCRIPTION	MOUNTING	REMARKS
	MANUAL STARTER WITH THERMAL OVERLOAD(S)	AT EQUIPMENT	
	ELECTRIC MOTOR		
	NON-FUSED DISCONNECT SWITCH	TOP AT +48"-72"	
	FUSED DISCONNECT SWITCH	TOP AT +48"-72"	
	CIRCUIT BREAKER AND ENCLOSURE	TOP AT +48"-72"	
	MAGNETIC STARTER	TOP AT +48"-72"	
	COMBINATION MAGNETIC STARTER / NON-FUSED DISCONNECT	TOP AT +48"-72"	
	COMBINATION MAGNETIC STARTER / FUSED DISCONNECT	TOP AT +48"-72"	
	COMB. MAGNETIC STARTER / MOTOR CIRCUIT PROTECTOR (MCP)	TOP AT +48"-72"	
	COMB. VARIABLE FREQUENCY DRIVE / MOTOR CIRCUIT PROTECTOR (MCP)	FLOOR OR WALL AS SPECIFIED	TOP AT +72" IF WALL MOUNTED
	REDUCED VOLTAGE STARTER	FLOOR OR WALL AS SPECIFIED	TOP AT +72" IF WALL MOUNTED
	LOAD CENTER (SURFACE-MOUNTED)	TOP AT +72"	14"W X 3"D
	LOAD CENTER (FLUSH-MOUNTED)	TOP AT +72"	14"W X 3"D
	LIGHTING AND APPLIANCE PANELBOARD (SURFACE-MOUNTED)	TOP AT +72"	20"W X 6"D
	LIGHTING AND APPLIANCE PANELBOARD (FLUSH-MOUNTED)	TOP AT +72"	20"W X 6"D
	POWER DISTRIBUTION PANELBOARD	WALL	THESE SYMBOLS ARE GENERAL IN NATURE AND MAY VARY IN SIZE AND SHAPE TO SUIT APPLICATION. CROSS HATCHING INDICATES MAIN PANELBOARD OR SWITCHBOARD* NAME IS INDICATED IN SEMI-QUOTES (I.E. 12A", MDP)
	SWITCHBOARD	FLOOR	
	METER BASE	TOP AT +72"	FURNISH SWITCH UNLESS FURNISHED BY ANOTHER DIVISION. INSTALL AND CONNECT COMPLETE. REFER TO RELATED SPECIFICATION SECTIONS.
	OPEN - STOP - CLOSE SWITCH	+60"	
	HVAC THERMOSTAT	+60"	PROVIDED BY DIVISION 15000 U.N.O.
	HAND - OFF - AUTO SWITCH	+60"	
	GROUND FAULT PROTECTION		

WIRING DEVICE SYMBOLS			
SYMBOL	DESCRIPTION	MOUNTING	REMARKS
	SINGLE-POLE TOGGLE SWITCH	+48"	
	SINGLE-POLE TOGGLE SWITCH	+48"	SUBSCRIPT KEYS SWITCH TO FIXTURES CONTROLLED.
	DOUBLE-POLE TOGGLE SWITCH	+48"	
	THREE-WAY TOGGLE SWITCH	+48"	
	FOUR-WAY TOGGLE SWITCH	+48"	
	KEY-OPERATED SINGLE-POLE TOGGLE SWITCH	+48"	
	SINGLE-POLE TOGGLE SWITCH WITH PILOT LIGHT	+48"	
	DIMMER SWITCH	+48"	RATE DIMMER SWITCH FOR MAXIMUM POSSIBLE WATTAGE
	TIMER SWITCH	+48"	
	(2) SINGLE-POLE TOGGLE SWITCH	+48"	DUAL LEVEL SWITCH OUTBOARD LAMPS SEPARATELY FROM INBOARD LAMPS.
	LOW VOLTAGE MOMENTARY CONTACT SWITCH	+48"	
	3-POSITION MOMENTARY CONTACT SWITCH	+48"	REFER TO DETAIL UP-ON, CENTER-NEUTRAL, DOWN-OFF
	3-POSITION MAINTAINED CONTACT SWITCH	+48"	UP-ON; CENTER-OFF; DOWN-ON
	OCCUPANCY SENSOR	AS NOTED	CEILING MOUNTED WITH SUBSCRIPT 'C'; WALL-MOUNTED WITH SUBSCRIPT 'W'
	SPLIT-WIRED DUPLEX RECEPTACLE	+18"	
	SIMPLEX RECEPTACLE	+18"	
	DUPLEX RECEPTACLE	+18"	
	125/250V RECEPTACLE	+18"	RANGE - NEMA 14-50R DRYER - NEMA 14-30R
	FOURPLEX RECEPTACLE	+18"	
	GROUND FAULT CIRCUIT INTERRUPTER DUPLEX RECEPTACLE	+18"	
	GROUND FAULT CIRCUIT INTERRUPTER FOURPLEX RECEPTACLE	+18"	
	EMERGENCY DUPLEX RECEPTACLE	+18"	
	EMERGENCY FOURPLEX RECEPTACLE	+18"	
	MULTI-OUTLET ASSEMBLY	4" ABOVE BACKSPLASH	
	POWER / TELEPHONE POLE	FLOOR/CEILING	
	CORD DROP WITH DUPLEX RECEPTACLE		REFER TO DETAIL
	SPECIAL PURPOSE OUTLET	+18"	SUBSCRIPT IN PARENTHESIS INDICATES NEMA CONFIGURATION IF SHOWN. REFER TO DRAWINGS AND/OR EQUIPMENT SCHEDULES. CONFIRM EXACT CONFIGURATION WITH OWNER PRIOR TO INSTALLATION.

ELECTRICAL SYMBOL SCHEDULE GENERAL NOTES	
1. MOUNT ALL OUTLETS, DEVICES, AND EQUIPMENT AT HEIGHTS INDICATED BELOW, UNLESS NOTED OTHERWISE ON THE DRAWINGS. UNLESS NOTED OTHERWISE, HEIGHTS ARE GIVEN FROM FINISHED FLOOR TO CENTER OF OUTLET BOX.	
2. WHERE OUTLETS, DEVICES, AND EQUIPMENT ARE NOTED BY SUBSCRIPTS, REFER TO ABBREVIATION SCHEDULE FOR DEFINED REQUIREMENTS.	
3. WHERE OUTLETS, DEVICES AND EQUIPMENT ARE BY THE SUBSCRIPT 'H', MOUNT AT 4" ABOVE COUNTER. IF COUNTER HAS A BACK SPLASH, MOUNT AT 4" ABOVE BACK SPLASH. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS AND COORDINATE WITH CASEWORK SUPPLIER.	
4. NOT ALL ELECTRICAL SYMBOLS MAY BE USED.	

GENERAL SYMBOLS		
SYMBOL	DESCRIPTION	REMARKS
	KEYED NOTE	
	DETAIL REFERENCE	TOP NUMBER INDICATES DETAIL NUMBER; BOTTOM LETTER NUMBER INDICATES DRAWING SHEET WHERE DETAIL IS SHOWN. WHERE NOT SPECIFICALLY REFERENCED, DETAIL IS GENERAL IN NATURE AND SHALL APPLY WHERE APPLICABLE.
	ELEVATION REFERENCE	TOP NUMBER INDICATES ELEVATION NUMBER; BOTTOM LETTER NUMBER INDICATES WHERE ELEVATION IS SHOWN.
	SECTION REFERENCE	TOP NUMBER INDICATES SECTION NUMBER; BOTTOM LETTER NUMBER INDICATES WHERE SECTION IS SHOWN.
	ARCHITECTURAL ROOM NUMBER	
	EQUIPMENT NAME / NUMBER	TOP NUMBER ABBREVIATES EQUIPMENT NAME OR TYPE. BOTTOM NUMBER INDICATES EQUIPMENT NUMBER. REFER TO EQUIPMENT SCHEDULE.
	REVISION NUMBER	USED TO DENOTE CHANGES EITHER ISSUED BY ADDENDUM OR DURING CONSTRUCTION AND TO DENOTE RECORD DRAWING CHANGES.
	BREAKLINE	USED TO BREAK DRAWINGS.

FIRE ALARM SYMBOLS			
SYMBOL	DESCRIPTION	MOUNTING	REMARKS
	BEAM DETECTOR - TRANSMITTER	4" BELOW CEILING TO TOP OF DETECTOR	
	BEAM DETECTOR - RECEIVER	4" BELOW CEILING TO TOP OF DETECTOR	
	END OF LINE DEVICE	PER MANUFACTURER RECOMMENDATIONS	
	TAMPER SWITCH	AT VALVE	
	WATER FLOW INDICATOR	ON FIRE RISER	
	FIRE-SMOKE DAMPER	TOP AT 72"	
	HEAT DETECTOR	CEILING	
	SMOKE DETECTOR	CEILING	
	DUCT SMOKE DETECTOR	SIDE OF DUCT	
	FIRE ALARM MANUAL STATION	+48"	
	CONTROL MODULE	AT DEVICE(S) TO BE CONTROLLED	
	MONITOR MODULE	AT DEVICE(S) TO MONITOR	
	FAN SHUTDOWN RELAY	AT FAN CONTROL PANEL	
	MAGNETIC DOOR HOLDER	COORDINATE WITH DOOR INSTALLER	COORDINATE WITH DOOR INSTALLER. SUBSCRIPT 'F' INDICATES TO MOUNT AT FLOOR LEVEL.
	WATER FLOOD INDICATOR	FLOOR	
	AUDIO HORN		
	MINI AUDIO HORN		
	FIRE ALARM VISUAL STROBE		
	FIRE ALARM AUDIO/VISUAL HORN/STROBE		
	MINI AUDIO/VISUAL HORN/STROBE		
	FIRE ALARM AUDIO SPEAKER		
	FIRE ALARM AUDIO/VISUAL SPEAKER/STROBE		
	FIRE FIGHTERS TELEPHONE JACK	+48"	
	FIRE PROTECTION SPRINKLER RISER BELL	+90"	FURNISHED BY FIRE PROTECTION CONTRACTOR AND INSTALLED AND CONNECTED BY DIV. 1600.

BRANCH CIRCUITING SYMBOLS		
SYMBOL	DESCRIPTION	REMARKS
	1 CIRCUIT, 2 WIRE BRANCH CIRCUIT HOME RUN TO PANEL	ARROWS: NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS REQUIRED.
	2 CIRCUIT, 3 WIRE BRANCH CIRCUIT HOME RUN TO PANEL	SHORT CROSS LINES: NUMBER OF SHORT CROSS LINES INDICATES NUMBER OF PHASE, TRAVELER, AND/OR SWITCHED CONDUCTORS REQUIRED IF GREATER THAN 1 (ONE).
	3 CIRCUIT, 4 WIRE BRANCH CIRCUIT HOME RUN TO PANEL	LONG CROSS LINES: NUMBER OF LONG CROSS LINES INDICATES NUMBER OF NEUTRAL CONDUCTORS REQUIRED FOR MULTI-WIRE HOME RUNS.
	MULTIPLE WIRE BRANCH CIRCUITING BETWEEN FIXTURES, SWITCHES, DEVICES, ETC.	EQUIPMENT GROUND AND ISOLATED GROUND CONDUCTORS: EQUIPMENT GROUND AND ISOLATED GROUND CONDUCTORS ARE NOT SHOWN, BUT ARE REQUIRED AS NOTED ON THE DRAWINGS OR IN THE SPECIFICATIONS.
	BRANCH CIRCUITING (U.N.O.) TURNED UP OR TOWARDS OBSERVER.	
	BRANCH CIRCUITING (U.N.O.) TURNED DOWN OR AWAY FROM OBSERVER.	
	BRANCH CIRCUITING (U.N.O.) CONTINUATION	
	CONDUIT STUB-IN	CAP AND MARK
	INCOMING SERVICE	
	JUNCTION BOX	MOUNT AS NOTED. SUBSCRIPT 'F' INDICATES TO PROVIDE A FLOOR BOX WITH BLANK COVERPLATE.

OWNER EXACT MOUNTING LOCATION OF ALL DOOR RELEASE
BUTTONS AT THE RECEPTION DESK WITH THE OWNER PRIOR TO
ANY ROUGH-IN. CALL OUTS TO BUTTONS SHALL BE CONCEALED
IN THE TOP OF THE WALL OR CEILING SURFACE BELT TO THE
DESK. LABEL ALL BUTTONS AS DIRECTED BY THE OWNER.

EXISTING SECURITY KEYPAD TO REMAIN IN PLACE. PROTECT FROM
DAMAGE DURING ALL PHASES OF CONSTRUCTION. IF DAMAGED
THE CONTRACTOR SHALL REPLACE AT NO ADDITIONAL COST TO
THE OWNER.

ROUTE ALL CABLEING FROM THE ROOM MILLION AND INTO THE
ACCESSIBLE CEILING SPACE. ALL NEW CABLEING TO BE
CONCEALED TO THE GREATEST EXTENT POSSIBLE. SURFACE
RACEWAY MAY BE USED WHERE CABLEING IS EXTENDED TO THE
RECEPTION DESK(S) WHERE BLOCK WALLS EXIST. CONFIRM ALL
SURFACE RACEWAY LOCATIONS AND ROUTING WITH THE OWNER
PRIOR TO INSTALLING ANY SURFACE RACEWAYS.

PUSHBUTTON TO RELEASE VESTIBULE DOOR.

1. THE CONTRACTOR SHALL VISIT THE SITE BEFORE SUBMITTING THE BID, AND SHALL EXAMINE ALL PHYSICAL CONDITIONS WHICH MAY BE MATERIAL TO THE PERFORMANCE OF HIS WORK. NO ADDITIONAL PAYMENTS WILL BE ALLOWED TO THE CONTRACTOR AS A RESULT OF EXTRA WORK MADE NECESSARY BY HIS FAILURE TO DO SO. ANY CASE OF DISCREPANCY OR LACK OF CLARITY SHALL BE PROMPTLY IDENTIFIED TO THE OWNER'S REPRESENTATIVE AND THE ENGINEER FOR CLARIFICATION.
2. CONTRACTOR SHALL WORK CLOSELY WITH THE OWNER FOR DOOR REQUIREMENTS, ROUGH-IN AND WIRING.
3. CONTRACTOR TO REFER TO THE MANUFACTURES WRITTEN INSTRUCTION FOR ALL REQUIRED INSTALLATION REQUIREMENTS AND WIRING REQUIREMENTS.
3. INSTALL ACCESS CONTROL ON THE RIGHT HAND DOOR UNLESS OTHERWISE DIRECTED BY THE OWNER. VERIFY DOOR ROUGH-IN WITH THE OWNER PRIOR TO ANY ROUGH-IN.

1. CONTRACTOR SHALL COORDINATE ALL CABLEING REQUIREMENTS AND WORK WITH OWNERS IT MANAGER PRIOR TO ROUGH-IN OR PULLING ANY CABLEING.
2. ALL CABLES SHALL BE TERMINATED AND LABELED AT BOTH ENDS. PROVIDE LABELING AS DIRECTED BY OWNERS IT MANAGER.
3. CONTRACTOR IS RESPONSIBLE FOR TESTING ALL CABLES AND CONNECTIONS TO ENSURE BIDS AND EIGHTH STANDARDS ARE MET. PROVIDE A WRITTEN REPORT TO OWNER FOR EACH CABLE TESTED.
4. ALL CABLEING SHALL BE RUN IN CABLE TRAY/TROUGH WHERE AVAILABLE. WHERE CABLES ARE ROUTED IN ACCESSIBLE CEILINGS, SECURE AND SUPPORT CABLES WITH J-HOOKS. INSTALL OVERHEAD CABLES PARALLEL AND PERPENDICULAR TO SURFACES OR EXPOSED STRUCTURAL MEMBERS, AND FOLLOW SURFACE CONTOURS. USE UL LISTED PLENUM CABLE THROUGHOUT THE ENTIRE SYSTEM.
5. THE CONTRACTOR SHALL PROVIDE ONE (1) PATCH CABLE PER INSTALLED CABLE. CONFIRM LENGTH WITH OWNERS IT MANAGER PRIOR TO ORDERING.

1. PROVIDE WIREMOLD #2000 SERIES LATCHING RACEWAY SYSTEM (OR PROVIDED EQUIVALENT).
2. THE LATCHING RACEWAY AND ALL SYSTEM COMPONENTS MUST EXHIBIT NON-FLAMMABLE SELF-EXTINGUISHING CHARACTERISTICS, TESTED TO COMPARABLE SPECIFICATIONS OF UL94V-0.
3. THE 2000 SERIES LATCHING RACEWAY SHALL BE MANUFACTURED WITH A CO-EXTRUDED DESIGN OF RIGID PVC COMPOUND WITH A FLEXIBLE PVC HINGE. THE RACEWAY SHALL HAVE A SMOOTH FINISH COLOR AS DETERMINED BY ARCHITECT AND SCHOOL DISTRICT.
4. THE LATCHING RACEWAY SHALL BE A ONE-PIECE DESIGN WITH A FLEXIBLE HINGE. THE COVER SHALL OPEN TO PROVIDE ACCESSIBILITY AND LATCH SECURELY. COVER THICKNESS SHALL BE 1.00" BY 0.50" DEEP WITH AN APPROXIMATE THICKNESS OF .04". THE RACEWAY SHALL BE AVAILABLE IN 8 COLORS AND BE SURFED TO MATCH WITH ARCHITECT'S WALL BACKING. SUPPORT RACEWAY A MINIMUM OF EVERY 4' WITH AN APPROVED LAG TYPE FASTING DEVICE.
5. PROVIDE ALL FITTINGS (2000 SERIES) INCLUDING BUT NOT LIMITED TO FLAT INTERNAL AND EXTERNAL ELBOWS, TEES, DROP CEILING FITTING, COVER CLIPS, AND TEES CAPS. FIBER OPTIC FITTINGS MUST BE AVAILABLE (BUT NOT LIMITED TO) IN 8 COLORS TO MATCH WITH INTERNAL AND EXTERNAL ELBOWS AND TEES. THESE FITTINGS SHALL BE OF TWO-PIECE CONSTRUCTION (BASE AND COVER) WITH SWEPT BEND RADIUS OF 1:25 MINIMUM. THESE FITTINGS SHALL HAVE INTEGRATED CABLE RETENTION FEATURES TO ALLOW CABLE LAYERS, INCLUDING EXCESSIVE LOADING. FITTINGS SHALL INCORPORATE PROTECTIVE FLANGES ELIMINATING CABLE SCUFFING BY SCREW HEDS. THIS SHALL BE MANUFACTURED OF A RIGID PVC COMPOUND. THE FITTING SHALL HAVE A SMOOTH TEXTURE. COLORS TO MATCH THE RACEWAY. THEY SHALL OVERLAP THE RACEWAY TO HIDE UNWEN CUTS.
6. DEVICE BOXES SHALL BE AVAILABLE FOR MOUNTING STANDARD DEVICES AND FACEPLATES. DEVICE BOXES SHALL BE SNAPPED ONTO A BASE. THEY SHALL BE MANUFACTURED OF RIGID PVC COMPOUND. THEY SHALL BE IN COLORS TO MATCH THE RACEWAY.
7. ALL WORK SHALL INCLUDE FURNISHING ALL RACEWAY AND APPROPRIATE FITTINGS AND DEVICE PLATES TO INSTALL A NONMETALLIC SURFACE RACEWAY SYSTEM INSTEAD OF A METALLIC SYSTEM (AS DETAILED). MANUFACTURER'S INSTRUCTION SHEETS, WHICH ACCOMPANY SYSTEM COMPONENTS, AS WELL AS SYSTEM INSTRUCTION SHEETS.
8. KEEP SURFACE RACEWAYS TO A MINIMUM. SURFACE RACEWAY SHALL BE FROM THE CEILING SPACE TO THE DEVICE.

