ABBREVIATIONS							
NOTE: NOT ALL ABBREVIATIONS MAY BE USED.							
Α	AMPERE						
AC	ALTERNATING CURRENT OR AIR CONDITIONER						
AF	ARC-FAULT CURRENT INTERRUPTER						
AFF	ABOVE FINISHED FLOOR						
AFG	ABOVE FINISHED GRADE						
AIC	AMPS INTERRUPTING CAPACITY						
ANNC	ANNUNCIATOR						
AWG	AMERICAN WIRE GAUGE						
A/V	AUDIO/VISUAL						
BPS	BOLTED PRESSURE SWITCH						
С	CONDUIT						
СВ	CIRCUIT BREAKER						
CCTV	CLOSED CIRCUIT TELEVISION						
CKT	CIRCUIT						
СМ	CONSTRUCTION MANAGER						
CTR	COUNTER						
DC	DIRECT CURRENT						
DP	DISTRIBUTION PANELBOARD						
DTT	DOUBLE TWIN TUBE						
EB	ELECTRONIC BALLAST						
EC	ELECTRICAL CONTRACTOR						
EM	EMERGENCY						
EMT	ELECTRICAL METAL TUBING						
EWC	ELECTRIC WATER COOLER						
FA	FIRE ALARM						
FLA	FULL LOAD AMPS						
G	GROUND						
GC	GENERAL TRADES CONTRACTOR						
GF	GROUND FAULT CIRCUIT INTERRUPTER (GFCI)						
GEN	GENERATOR						
HOA	HAND-OFF-AUTOMATIC						
HP	HORSEPOWER						
HPC	HIGH PRESSURE CONTACT SWITCH						
HZ	HERTZ						
IG	ISOLATED GROUND						
IMC	INTERMEDIATE METAL CONDUIT						
INCD	INCANDESCENT						
KVA	KILOVOLT AMPERE						

	ABBREVIATIONS
NOTE: NO	T ALL ABBREVIATIONS MAY BE USED.
KW	KILOWATT
LTG	LIGHTING OR LIGHT
LRA	LOCKED ROTOR AMPS
MCA	MINIMUM CIRCUIT AMPACITY
МСВ	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MDP	MAIN DISTRIBUTION PANEL
MLO	MAIN LUGS ONLY
MOCP	MAXIMUM OVERCURRENT PROTECTION
MSB	MAIN SWITCHBOARD
МН	METAL HALIDE
MTS	MANUAL TRANSFER SWITCH
NAC	NOTIFICATION APPLIANCE CIRCUIT
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NF	NON-FUSED
occ	OCCUPANCY
PA	PUBLIC ADDRESS
PB	PULL BOX OR PUSH BUTTON
PVC	POLYVINYL CHLORIDE (PLASTIC PIPE)
PWR	POWER
RECPT	RECEPTACLE
RX/REX	REQUEST TO EXIT
STP	SHIELDED, TWISTED PAIR
TC	TIME CLOCK
TR	TAMPER RESISTANT
TRT	TRIPLE TUBE
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
UTP	UNSHIELDED, TWISTED PAIR
V	VOLT
W	WATT
WAP	WIRELESS ACCESS POINT
WH	WATTHOUR
WP	WEATHERPROOF
XFMR	TRANSFORMER
Z	IMPEDANCE
PH	PHASE
LV	LOW VOLTAGE

ABBREVIATIONS			SECURITY SYMBOLS			
IOT ALL ABBREVIATIONS MAY BE USED.			NOTE: NOT A	LL SYMBOLS MAY BE USED.		
	KILOWATT			DOME TYPE CAMERA - FIXED LENS (INTERIOR) FURNISHED AND INSTALLED BY CONTRACTOR		
	LIGHTING OR LIGHT		$\overline{}$	DOME TYPE CAMERA - FIXED LENS (EXTERIOR)		
	LOCKED ROTOR AMPS		(E) _{F2}	FURNISHED AND INSTALLED BY CONTRACTOR		
	MINIMUM CIRCUIT AMPACITY		₽ FE	DOME TYPE CAMERA - FISH EYE (INTERIOR)		
	MAIN CIRCUIT BREAKER		_	FURNISHED AND INSTALLED BY CONTRACTOR		
	MOTOR CONTROL CENTER		M ₂	DOME TYPE CAMERA - 2 LENS MULTI-VIEW (INTERIOR) FURNISHED AND INSTALLED BY CONTRACTOR		
	MAIN DISTRIBUTION PANEL		□ M3	DOME TYPE CAMERA - 3 LENS MULTI-VIEW (INTERIOR)		
	MAIN LUGS ONLY			FURNISHED AND INSTALLED BY CONTRACTOR		
	MAXIMUM OVERCURRENT PROTECTION		MVF.	DOME TYPE CAMERA - 2 LENS MULTI-VIEW (EXTERIOR) FURNISHED AND INSTALLED BY CONTRACTOR		
	MAIN SWITCHBOARD			DOME TYPE CAMERA - 3 LENS MULTI-VIEW (EXTERIOR)		
	METAL HALIDE		MVE.	DOME TYPE CAMERA - 3 LENS MULTI-VIEW (EXTERIOR) FURNISHED AND INSTALLED BY CONTRACTOR DOME TYPE CAMERA - 4 LENS MULTI-VIEW (EXTERIOR)		
	MANUAL TRANSFER SWITCH		MVE-	DOME TYPE CAMERA - 4 LENS MULTI-VIEW (EXTERIOR) FURNISHED AND INSTALLED BY CONTRACTOR		
	NOTIFICATION APPLIANCE CIRCUIT		EL	ELECTRIC LATCH		
	NORMALLY CLOSED		DC	DOOR CONTACT		
	NORMALLY OPEN		CR	CARD READER		
	NON-FUSED		EH	ELECTRIC HINGE		
	OCCUPANCY PUBLIC APPRESS		RX	REQUEST TO EXIT		
	PUBLIC ADDRESS		<u> </u>	PUSH BUTTON		
	PULL BOX OR PUSH BUTTON			DOOR BELL		
	POLYVINYL CHLORIDE (PLASTIC PIPE)		GB	GLASS BREAK SENSOR		
	POWER		MD	MOTION DETECTOR		
_	RECEPTACLE		PB	PANIC PUSHBUTTON		
_	REQUEST TO EXIT		PBW	WIRELESS PANIC PUSHBUTTON		
	SHIELDED, TWISTED PAIR		PL	PANIC LOCKDOWN PUSHBUTTON		
	TIME CLOCK		KP	SECURITY KEYPAD		
	TAMPER RESISTANT		PS	DOOR POSITION SWITCH		
	TRIPLE TUBE		DP DT	DOUBLE PULL DOUBLE THROW CONTACT		
	TYPICAL		PS	POSITION SWITCH		
	UNLESS NOTED OTHERWISE		ED	EGRESS SOUNDER		
	UNSHIELDED, TWISTED PAIR					
	VOLT		SOUND SYMBOLS			
	WATT		NOTE: NOT ALL SYMBOLS MAY BE USED.			
WIRELESS ACCESS POINT				OF UNIO MOUNTED OREASED		
	WATTHOUR		S	CEILING MOUNTED SPEAKER		
	WEATHERPROOF		V	VOLUME CONTROL		
	TRANSFORMER					

TEL	LECOMMUNICATION SYMBOLS
NOTE: NOT A	LL SYMBOLS MAY BE USED.
▼1	WALL MOUNTED 1- PORT DATA OUTLET
▼	WALL MOUNTED 2-PORT DATA OUTLET
▼ 4	WALL MOUNTED 4 PORT DATA OUTLET
∇	WALL MOUNTED TELEPHONE OUTLET; 54" A.F.F.
▼ ^C	CEILING MOUNTED DATA OUTLET
,	1 PORT DATA OUTLET ABOVE CEILING FOR WIRELESS ACCESS POINT.
	EQUIPMENT IT RACK
	TELEPHONE TERMINAL BOARD/PLYWOOD BACKBOARD: REFER TO PLANS FOR ACTUAL LENGTHS
FB	RECESSED FLOOR BOX
AV	RECESSED WALL DEEP JUNCTION BOX
FB _B	RECESSED FLOOR BOX WITH (POWER AND DATA) (WIREMOLD RFB11-FPCTC SERIES OR APPROVED EQUAL). INSTALL CONDUITS IN SLAB. ROUTE (2) 1-1/4" CONDUITS. FLOORBOX SHALL HAVE A MINIMUM OF TWO DUPLEX RECEPTACLES AND TWO DATA OUTLETS.
FB _C	RECESSED FLOOR BOX WITH (6) POWER AND (6) DATA OUTLETS (WIREMOLD RFB11-FPCTC SERIES OR APPROVED EQUAL). INSTALL CONDUITS IN SLAB. ROUTE (3) 1-1/4" CONDUITS.

Γ□С	CONDUITO IN CLAB. NOCTE (0) 1-1/4 CONDUITO.			
F	FIRE ALARM SYMBOLS			
NOTE: NOT ALL	SYMBOLS MAY BE USED.			
F	MANUAL PULL STATION (48" TO HANDLE OF DEVICE)			
F TR	MANUAL PULL STATION WITH TAMPER RESISTANT COVER (48" TO HANDLE OF DEVICE)			
<u>(\$</u>	SMOKE DETECTOR			
© co	MULTI-CRITERIA SMOKE AND CARBON MONOXIDE DETECTOR			
(H)	HEAT DETECTOR			
SD	SMOKE DAMPER			
(S)	DUCT MOUNTED SMOKE DETECTOR			
∑	SPEAKER WITH STROBE (80" AFF TO BOTTOM OF DEVICE)			
▼ _{WP}	SPEAKER WITH STROBE, WEATHERPROOF (80" AFF TO BOTTOM OF DEVICE)			
X	WALL MOUNTED STROBE (80" AFF TO BOTTOM OF DEVICE)			
Пр	BELL, 120V			
WF	WATER FLOW SWITCH: DIVISION 28 TO PROVIDE			
TS	WATER TAMPER SWITCH: DIVISION 28 TO PROVIDE			
PIV	POST INIDICATING VALVE			
(AIO)	ADDRESSIBLE INPUT-OUTPUT MODULE			
DН	MAGNETIC DOOR HOLDER			
RI	REMOTE INDICATOR STATION FOR DUCT SMOKE DETECTOR			
R	FAN SHUT-DOWN RELAY			
FAAP	FIRE ALARM ANNUNCIATOR PANEL			
FACP	FIRE ALARM CONTROL PANEL			

GENERAL NOTES:

- A. ALL INSTALLATION SHALL COMPLY WITH ANY APPLICABLE LOCAL AND NATIONAL BUILDING CODES, AND THE NATIONAL ELECTRICAL CODE (NEC) 2017 EDITION. REFER TO DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENT OF DIVISIONS 27 AND 28.
- B. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.
- C. CONTRACTOR IS RESPONSIBLE FOR ALL REMOVAL AND DISPOSAL OF DEBRIS FROM THE SITE RESULTING FROM ELECTRICAL CONSTRUCTION ACTIVITIES.
- D. WHERE EXACT DIMENSIONS ARE NOT CALLED OUT, THE LOCATION OF EQUIPMENT, JUNCTION BOX, OUTLETS AND WIREWAYS, PANELS ETC. ARE TO BE IDENTIFIED ON CONTRACTOR'S COORDINATION DRAWINGS FOR REVIEW ACCORDING TO PROJECT'S
- GENERAL CONDITIONS. E. UPON COMPLETION OF WORK, ALL MATERIALS AND EQUIPMENT FURNISHED IN THIS CONTRACT SHALL
- RUST AND OILS. PREPARE FOR FINISH PAINTING OR TOUGH-UP AS REQUIRED. . ALL WIRE IN CONDUITS (INCLUDING FLEX CONDUIT) SHALL BE CONCEALED WHERE POSSIBLE. IF SURFACE CONDUIT IS USED IT MUST FIRST BE

APPROVED BY A/E AND PAINTED TO MATCH

BE THOROUGHLY CLEANED OR DIRTY, GREASE,

- WALL/CEILING FINISHES. ALL ELECTRICAL WIRING SHALL BE RUN IN CONDUIT. G. ALL INSTALLATION SHALL BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER.
- H. NO CONDUIT IS PERMITTED TO BE INSTALLED IN ANY AREAS IN VIEW TO THE PUBLIC (STAIRWAYS, CORRIDORS, LOBBY, ETC.).
- ELECTRICAL CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS AS REQUIRED FOR A COMPLETE AND FULLY OPERABLE ELECTRICAL SYSTEM.
- PRIOR TO SUBSTANTIAL CONSTRUCTION COMPLETION, CONTRACTOR SHALL PROVIDE A SIGNAL STRENGTH TEST IN BASE BID FOR COMPLIANCE EMERGENCY RESPONDER RADIO COVERAGE (MINIMUM -95dBM FOR 95% OF TOTAL . BUILDING AREA) PER OHIO FIRE CODE SECTION 510. CONTRACTOR SHALL PROVIDE AN ALLOWANCE OF \$60,000 FOR INSTALLATION OF A SIGNAL ENHANCEMENT SYSTEM IF THE SIGNAL STRENGTH

REVISION SCHEDULE

DATE REVISION DESCRIPTION

2 07.11.22 Addendum 03

PROJECT NAME:

CML REYNOLDSBURG

1402 BRICE ROAD REYNOLDSBURG, OHIO 43068

100% CONSTRUCTION DOCUMENTS ISSUED FOR BIDDING AND PERMITS

ISSUE DATE:





GENERAL INFORMATION - SYSTEMS

T0.00