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Building #17
Campus Expansion Child
Day-care Center

777 Old Saw Mill River Road
Mount Pleasant, NY 10591

Project No. B17-DAYCARE

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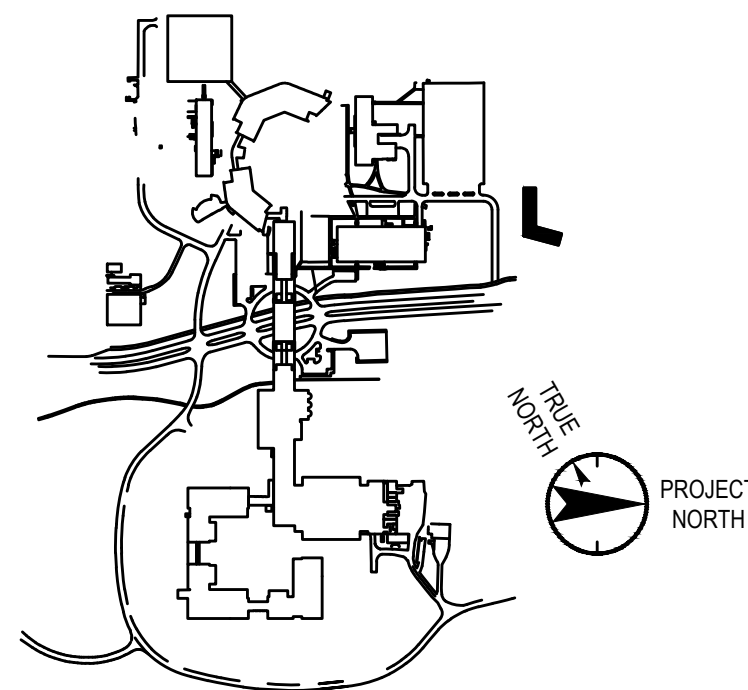
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Landscape Architect

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Key Plan



No.	Date	Description
0	05/20/2022	ISSUED FOR PERMIT

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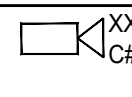
Professional Seal and Signature

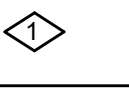
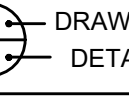

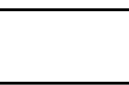
Vendor Name: GENSLER
Vendor Project No.: 006.3608.000
Discipline: Drawn By: Author
**SECURITY GENERAL NOTES,
SYMBOLS AND
ABBREVIATIONS**

Scale: NTS Floor:

TY-001

ABBREVIATIONS	
A	AMPERES
AC	ABOVE COUNTER
ACAM	ACCESS CONTROL ALARM MONITORING SYSTEM
ACS	ACCESS CONTROL SYSTEM
AFF	ABOVE FINISHED FLOOR
AWG	AMERICAN WIRE GAUGE
C	CONDUIT
CAT	CATALOG
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CKT	CIRCUIT
CL	CENTER LINE
CLG	CEILING
COND	CONDUCTOR
CU	COPPER
DWG	DRAWING
EAS	ELECTRONIC ARTICLE SURVEILLANCE
EC	EMPTY CONDUIT
EM	EMERGENCY
EX	EXISTING
FAILS	FIRE ALARM LIFE/SAFETY SYSTEM
FACP	FIRE ALARM CONTROL PANEL
G	GROUND
GC	GENERAL CONTRACTOR
HG	HUNG CEILING
HZ	HERTZ
IAS	INTRUSION ALARM SYSTEM
IDF	INTERMEDIATE DISTRIBUTION FRAME
JB	JUNCTION BOX
LV	LOW VOLTAGE
MAX	MAXIMUM
MDF	MAIN DISTRIBUTION FRAME
MER	MECHANICAL EQUIPMENT ROOM
MIN	MINIMUM
MTD	MOUNTED
MTG	MOUNTING
MTS	MANUAL TRANSFER SWITCH
N	NEUTRAL
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
No.	NUMBER
NTS	NOT TO SCALE
PA	PUBLIC ADDRESS
PNL	PANEL
PTZ	PANTILT/ZOOM
REX	REQUEST TO EXIT
RM	ROOM
STP	SHIELDED TWISTED PAIR
XFRM	TRANSFORMER
TBD	TO BE DETERMINED
TCL	TELECOMMUNICATIONS
TLR	TIME LAPSE RECORDER
TS	TAMPER SWITCH
TTB	TELECOMMUNICATIONS TERMINAL BOARD
TTC	TELECOMMUNICATIONS TERMINAL CABINET
TV	TELEVISION
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SUPPLY
UTP	UNSHIELDED TWISTED PAIR
V	VOLTS
VA	VOLT-AMPERES
VM	VOLTMETER
VP	VAPOR PROOF
W	WATTS
WP	WATERPROOF
WT	WATERLIGHT

LEGEND	
[C]	RECESSED DOOR CONTACT
[CR]	CARD READER
[CK]	CARD READER W/IT KEYPAD
[CD]	OVERHEAD DOOR CONTACT
[CS]	SURFACE MOUNT CONTACT
[DC]	ARMORED DOOR CHORD
[DG]	DATA GATHERING PANELS
[DR]	DOOR RELEASE PUSH BUTTON
[EC]	EMERGENCY CALL BOX
[ACAM]	ACCESS CONTROL ALARM MONITORING WORKSTATION
[EI]	REQUEST TO EXIT MOTION DETECTOR
[EH]	ELECTRIC POWER TRANSFER HINGE
[HP]	HANDICAP PUSH PLATE
[L1]	SINGLE ELECTROMAGNETIC LOCK WITH DSM FEATURE
[L2]	DOUBLE ELECTROMAGNETIC LOCK WITH DSM FEATURE
[L3]	ELECTRIC STRIKE FAIL SAFE
[L4]	ELECTRIC STRIKE FAIL SECURE
[L5]	ELECTRIC MORTISE LOCK FAIL SAFE WITH RX OPTION
[L6]	ELECTRIC MORTISE LOCK FAIL SECURE WITH RX OPTION
[L7]	EXIT DEVICE WITH ELECTRIFIED BREAKAWAY LEVER WITH REX OPTION
[L8]	AUTOMATIC SWINGING DOOR OPERATOR
[L9]	QUIET EXIT DEVICE WITH ELECTRIC LATCH RETRACTION WITH REX OPTION
[CCTV]	CCTV WORKSTATION
[MSP]	MINIMUM 60 WATT PSE MIDSPAN
[NVR]	NETWORK VIDEO RECORDER
[ACAM]	ACCESS CONTROL/ALARM MONITORING WORKSTATION
[CCTV] 	FIXED SURVEILLANCE CCTV CAMERA C1 = INDOOR CAMERA C2 = OUTDOOR CAMERA C3 = OUTDOOR PANTILT/ZOOM CAMERA RC = RECESSED IN CEILING WM = WALL MOUNTED P = PENDANT MOUNTED CM = CEILING SURFACE MOUNTED CM = CORNER MOUNTED
[PP]	CAT6 PATCH PANEL
[SW]	NETWORK SWITCH
[WF]	SECURITY WALLFIELD
[ACP]	SECURITY ACCESS CONTROL PANEL
[LPS #]	LOCK POWER SUPPLY # = NUMBER OF ELECTRIFIED HARDWARE CONNECTED
[FA]	FA ALARM INTERFACE RELAY
[DG]	DATA GATHERING PANEL
[EC]	EMERGENCY CALL BOX MOTOROLA (PROVIDED AND INSTALLED BY METROCOMM)

NOTE INDICATIONS	
	SEE NOTE ON THIS DRAWING. NOTE NUMBER INDICATED BY NUMERAL IN DIAMOND.
(123)	ROOM NUMBER INDICATED BY NUMERALS. ROOM DESIGNATION AS INDICATED IN SCHEDULE.
 DRAWING No.  DETAIL No.	STANDARD DETAIL No. DESIGNATION
 DETAIL No.	DETAIL No. DESIGNATION ON DETAIL SHEET

SECURITY JUNCTION BOXES	
[J1]	PROVIDE 12" X 12" X 4" DEEP BOX WITH LOCKING DOOR ABOVE CEILING, AS NOTED ON THE PLANS
[J2]	PROVIDE 6" X 6" X 4" JUNCTION BOX WITH HINGED LOOKABLE COVER
[J3]	PROVIDE 4" X 4" BOX

DRAWING LIST	
TY-001	SECURITY GENERAL NOTES, SYMBOLS AND ABBREVIATIONS
TY-100	SECURITY LEVEL 01 PLAN
TY-500	SECURITY DETAILS SHEET #1
TY-501	SECURITY DETAILS SHEET #2
TY-700	SECURITY WIRING RISER DIAGRAM & EQUIPMENT ELEVATIONS

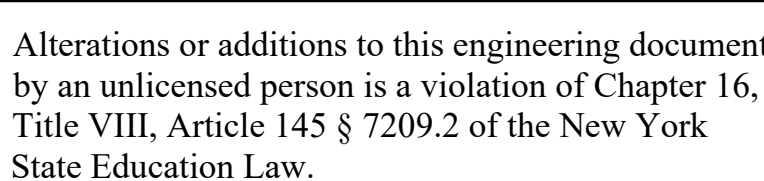
GENERAL NOTES:

- PRIOR TO INSTALLATION, SECURITY CONTRACTOR SHALL COORDINATE WITH ARCHITECT FOR EACH SECURITY DEVICE EXACT LOCATION.
- SECURITY CONTRACTOR SHALL COORDINATE WITH WITH DOOR AND DOOR HARDWARE PROVIDER FOR ALL ELECTRIFIED LOCKS TYPES AND MODELS.
- SECURITY CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR FOR THE SECURITY SYSTEMS POWER REQUIREMENTS.
- SECURITY CONTRACTOR SHALL COORDINATE WITH TELEDATA PROVIDER FOR SECURITY SYSTEM TELEDATA REQUIREMENTS.
- SECURITY CABLES THAT RUN ABOVE CEILING SHALL BE INSTALLED ON J-HOOKS. PROVIDE J-HOOKS SPACED 5 FEET APART.
- SECURITY CABLES RUN THROUGH AREAS WITH OPEN CEILING SHALL BE ENCLOSED TO THE CONDUITS. CONDUITS SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR.
- ALL CONDUITS SHOWN ON SECURITY DRAWINGS ARE FOR SECURITY SYSTEMS ONLY.

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 ENERGY CONSERVATION CODE OF NYS

This plan is approved only for work indicated on the application specification sheet. All other matters shown are not to be relied upon, or to be considered as either being approved or in accordance with applicable codes.

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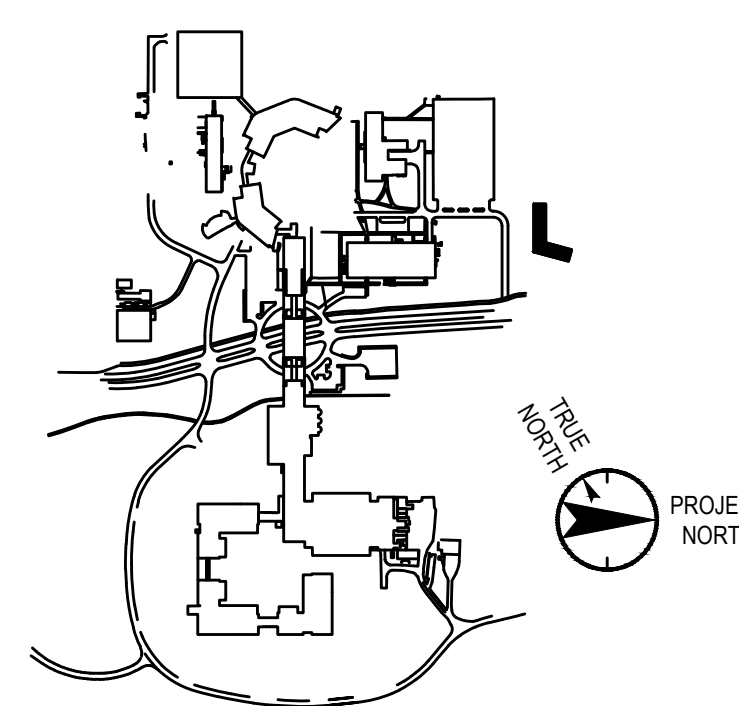
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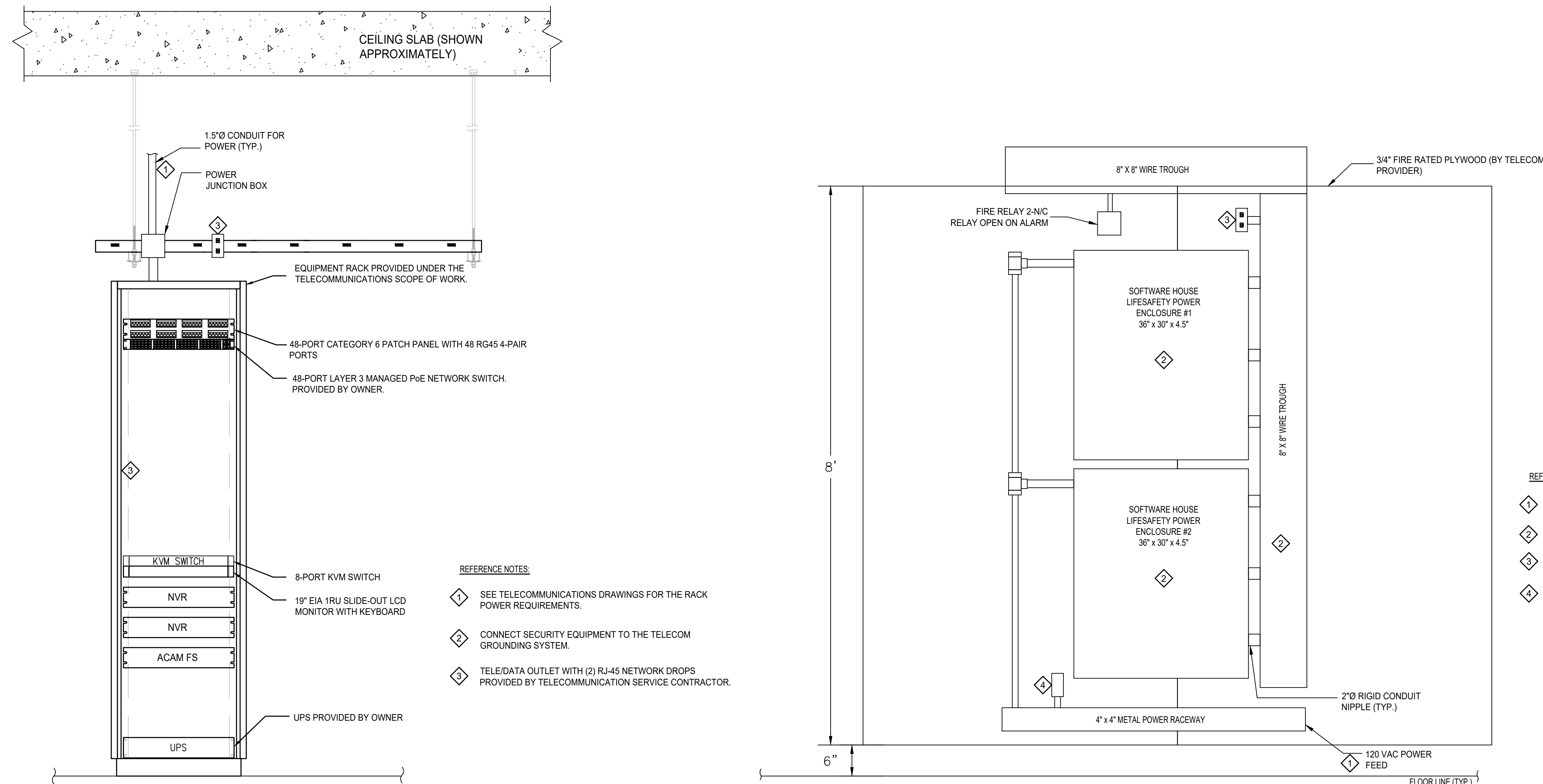
Professional Seal and Signature

Vendor Name: GENSLER
Vendor Project No.: 006.3608.000
Discipline: Drawn By: Author
**SECURITY WIRING RISER
DIAGRAM & EQUIPMENT
ELEVATIONS**

Scale: AS NOTED

Floor:

TY-700



- REFERENCE NOTES
- SEE TELECOMMUNICATIONS DRAWINGS FOR THE RACK POWER REQUIREMENTS.
 - CONNECT SECURITY EQUIPMENT TO THE TELECOM GROUNDING SYSTEM.
 - TELEDATA OUTLET WITH (2) RJ-45 NETWORK DROPS PROVIDED BY TELECOMMUNICATION SERVICE CONTRACTOR.

REFERENCE NOTES

- PROVIDE (2) 120 VAC 20A EMERGENCY CIRCUIT FOR SECURITY EQUIPMENT. PROVIDED BY ELECTRICAL CONTRACTOR.
- CONNECT SECURITY EQUIPMENT TO THE TELECOM GROUNDING SYSTEM.
- DATA OUTLET WITH (2) DATA JACKS. COORDINATE EXACT LOCATION IN THE FIELD.
- CONVENIENCE 120VAC OUTLET. LOCATION SHOWN APPROXIMATELY. COORDINATE EXACT LOCATION IN THE FIELD.

NOTES

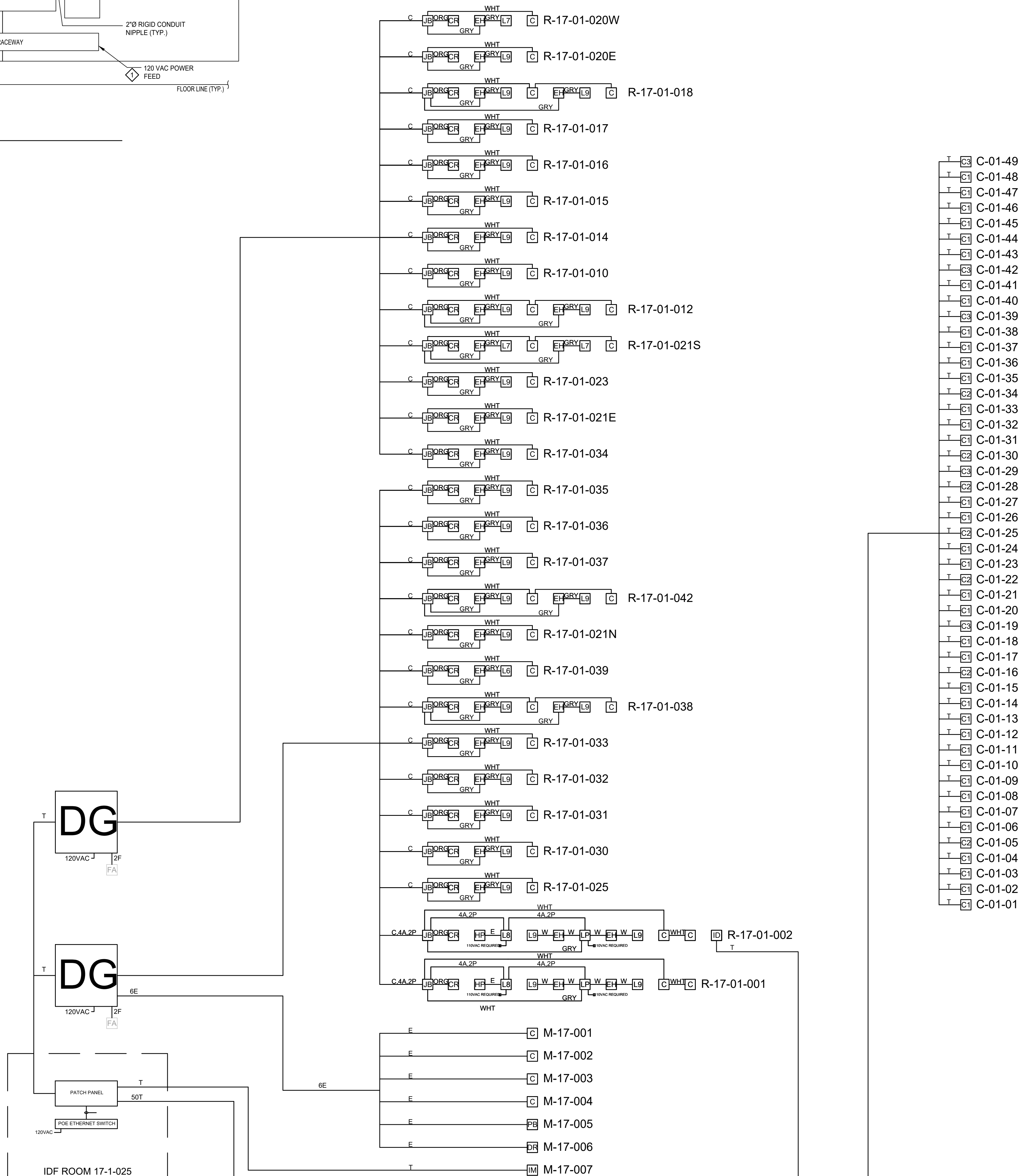
- LOCAL INTERCONNECTING WIRING MAY BE REQUIRED AT FIELD DEVICES AND/OR HEAD END DEVICES WHICH MAY NOT BE DEPICTED ON DRAWINGS. THIS WORK SHALL BE CONSIDERED WITHIN THE BASE SCOPE OF THIS PROJECT.
- ALL MECHANICAL DOOR HARDWARE SHALL MEET APPROVAL OF LOCAL AUTHORITY HAVING JURISDICTION AND SHALL NOT IN ANY WAY DELAY OR IMPED EGRESS AS REQUIRED BY LAW.
- INSTALLING CONTRACTOR SHALL FILE FOR AND RECEIVE PERMITS AND ARRANGE FOR INSPECTIONS. SYSTEM SHALL NOT BE ACTIVATED UNTIL FINAL APPROVAL IS RECEIVED FROM INSTALLING CONTRACTOR.
- ALL PENETRATIONS OF FIRE WALLS AND MEMBRANES SHALL BE FIRE STOPPED TO MEET LOCAL BUILDING CODE. INSTALLATION OF DEVICES, CABLES, CONDUIT, POWER SHALL MEET ALL LOCAL BUILDING CODES.
- ALL ELECTROMAGNETIC LOCKS AND FAIL SAFE ELECTRIC LOCKS SHALL BE TIED INTO FIRE ALARM SYSTEM INTERFACE.
- THE MOUNTING HEIGHTS FOR THE DEVICES WILL CONFORM TO ADA REQUIREMENTS.
- 1-120VAC 20AMP BREAKER ON EMERGENCY POWER CIRCUIT REQUIRED TO POWER EACH DGP PANEL.
- DGP PANELS TO BE LOCATED IN THE FIELD BY A REPRESENTATIVE OF REGENERON.
- 1-120VAC 20AMP BREAKER REQUIRED TO POWER EACH AUTOMATIC DOOR OPENER.
- POWER SUPPLY TO BE INSTALLED ABOVE CEILING IN AN ACCESSIBLE LOCATION. 1-120VAC 20AMP BREAKER REQUIRED.

CABLE LEGEND

- A - 2 COND/22 GA NON-SHIELDED WEST PENN WIRE #25221B
B - 2 COND/18 GA NON-SHIELDED WEST PENN WIRE #25224B
C - ACCESS CONTROL COMPOSITE CABLE WEST PENN PART #AC251822B
D - 6 COND/22 GA W/OVERALL SHIELD WEST PENN WIRE #253270B
E - 4 COND/22 GA NON-SHIELDED WEST PENN WIRE #25241B
F - 2 COND/18 GA SOLID FPLP W/RED JACKET
G - RG-58U W/20 GA CENTER COND WEST PENN WIRE #25815
H - 15COND/22 GA W/OVERALL SHIELD WEST PENN WIRE #253274B
I - 3 TWISTED PAIR/24 GA W/SHIELD LOW CAPACITANCE
J - 8 COND/18 GA NON-SHIELDED WEST PENN WIRE #25188B
K - 10 COND/22 GA NON-SHIELDED WEST PENN WIRE #25272B
L - 2 TWISTED PAIR/22 GA W/SHIELD LOW CAPACITANCE
M - RG-6U W/18 GA CENTER COND WEST PENN WIRE #25806
N - 6 PAIR/22 GA W/SHIELD WEST PENN WIRE #D253654
O - 8 COND/18 GA NON-SHIELDED WEST PENN WIRE #25188B
P - 4 COND/18 GA W/OVERALL SHIELD WEST PENN WIRE #25244B
R - 3 TWISTED PAIR/22 GA BELDEN WIRE #8742
S - 1 TWISTED PAIR/18 GA SHIELDED BELDEN WIRE #8760
T - CAT 6 CABLE SPECIALLY DESIGNED FOR INTERNET
U - 2COND/12GA NON-SHIELDED WEST PENN WIRE #25227B
V - 4COND/12 GA NON-SHIELDED WEST PENN WIRE #25248B
W - 4COND/14 GA NON-SHIELDED WEST PENN WIRE #25246B

- C - ACCESS CONTROL CABLE LEGEND
DOOR LOCK - GRAY CABLE 4COND/18 GA -GRY
CARD READER - ORANGE CABLE 6COND/22 GA -ORG
DOOR CONTACT - WHITE CABLE 2COND/22 GA -WHT
REQUEST TO EXIT - BLUE CABLE 4COND/22 GA -BLU

ELECTRIFIED DOOR HARDWARE LEGEND	
[L1]	SINGLE ELECTROMAGNETIC LOCK WITH DSM FEATURE
[L2]	DOUBLE ELECTROMAGNETIC LOCK WITH DSM FEATURE
[L3]	ELECTRIC STROKE FAIL SAFE
[L4]	ELECTRIC STROKE FAIL SECURE
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[L8]	AUTOMATIC SWINGING DOOR OPERATOR
[L9]	QUIET EXIT DEVICE WITH ELECTRIC LATCH RETRACTION WITH REX OPTION



WIRING DIAGRAM

Scale: NTS

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