

# **Issue Paper**

## **DATE**:

06/25/2025

## **AGENDA ITEM (ACTION ITEM):**

Consider / Approve the design development plans for the Kenton Elementary renovation project (BG 25-352) from Emboss Design.

## **APPLICABLE BOARD POLICY:**

01.1 Legal Status of the Board; 04.31 Authority to Encumber and Expend Funds; 702 KAR 4:160

## **HISTORY/BACKGROUND:**

The Design Development (DD) plans for the Kenton Elementary renovation project reflects the input of the KCSD team, architects from Emboss Design, civil engineers from Bayer Becker, and mechanical engineers from CMTA Engineering. The project is focused on HVAC upgrade/replacement, roof replacement, and interior and exterior renovations in the 1950 and 2001 sections of the building. The plans are reflective of the evolutionary design process that has continued after the schematic design approved by the Board on May 5, 2025. The initial construction cost estimate for the renovation is \$10,500,000.

## **FISCAL/BUDGETARY IMPACT:**

The fiscal impact will be determined upon issuance of final construction documents and the bid process.

## **RECOMMENDATION:**

Approve the design development plans for the Kenton Elementary renovation project (BG 25-352) from Emboss Design.

## **CONTACT PERSON:**

Matt Rigg, Chief Operations Officer

Principal/Administrator District Administrator Superintendent

### **Renovation Project**

### **Kenton Elementary**

11246 Madison Pike, Independence, KY 41051 BG 25-352



Emboradosign.com 906 Monvacush Stra (859)431-8612 Newport, KY 41071

NOT FOR CONSTRUCTION

### **Drawing List**

GENERAL
G000 COVER SHEET
DEMOLITION
D100 BASEMENT DEMOLITION PLAN

D191A PIRST FLOOR DEMOLITION PLAN - AREA A D191B PIRST FLOOR DEMOLITION PLAN - AREA B

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2006 ROOF ELECTRICAL LOWER PLAN- APEA B
2007 ROOT ELECTRICAL LOWER PLAN- APEA B
2008 ROOT ELECTRICAL LOWER PLAN- APEA B
2009 ROOT ELECTRICAL LOWER PLAN- APEA | MINISTREED RECTIFICAL USERTHUR PHAN - AREA C
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### **Code Notes**

Record SOL Building Associ

Section 504: Building Number of Stories:

Table 504.3 Mountale Heicht
Proposed - No Change, Agu 28"-0" Table 595.4 Stores above Grade Plans
Allowable - 3 Stores. Proposed - No Change; 1 Story

(E) Educational

(Actual) Bidg #1: XXXXX SF Bidg #2: XXXXX SF Bidg #1: 65,365 SF Sidg #2: 63,946 SF

for Building Flaments

Chapter 7 Section

### **Team**

#### Owner

KENTON COUNTY BOARD OF EDUCATION 1055 Eaton Drive, Ft, Wright, KY 41017

#### Architect:

906 Monmouth Street, Newport, KY 41071 Ph: 959 431 9812

### Civil Engineer:

ARERCROMRIE & ASSOCIATES 8111 Cheviot Road: Suite 200, Cincinnati, OH 45247 Ph: 513.385.5757

#### Structural Engineer:

ADVANTAGE | STRUCTURAL ENGINEERS 1527 Madison Road, Cincinnati, OH 45206 Ph: 513,398,8900

#### MEP Engineer:

1100 Sycamore Street: Stirte 400, Cincinnati, OH 45202 Ph: 513,429,4404

## **General Project Notes**

#### DIVISION 01 - GENERAL REQUIREMENTS

012000 - ADMINISTRATIVE REQUIREMENTS

L. Contribute on tall be responsible for newforchers and reconstruction of the development of the contribute of the c

nonzero ocreveau.

2. All work shell conform to the current building code, and all applicable leves, rules, regulations and ordinances or powersing austraction. In case of conflict the most restrictive shall not little that applicability.

b. The form "proofs" informated that interest in cream acress increased in a formation of the control of the

015000 - TEMPORARY FACILITIES AND CONTROLS

Contractor is responsible for snowling any temporary water, electrical service, heating and trash removal as needed to cornelete the work.
 Contractor shall collect and remove all rabbets, surplus material, looks and

#### DIVISION 02 - EXISTING CONDITIONS

Obtoon—RESEMBENT

Commensment of work by the Contention or Trades that agenty the accessorance of the abla sociolities, and the Contention of the Contention

Large scale drawings shall govern over small scale drawings. Field verify salating conditions where no dimensions small.

All dimensions to existing construction are to the finished lace, All dimensions to new construction are to face of concrete, face of mesoney, face of studior column contention unless noted eitherway. Any dimension noted as "CLEAR" or

oblass contribute unders noted offenemes. Any direction control of CLEAF

1. The Internation flower is failed those.

6. Contractor shall verify location of all existing utilities. Tata proceditions as necessary to project them. Repair all utilities demarged dustry construction count to the cheese.

7. Contractor shall resisted topocid and re-seed taum areas districted by

prohisestural items may require the penetrations or removal of existing floors, ceilings, and walls. Patch and finish all existing surfaces that are disturbed

Project

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Kenton Elementary 11246 Madison Pike, Independ BG 25-352 Renovation

NO. DESCRIPTION

COVER SHEET

DATE

G000



Vicinity Map

ROOM MARKER WELLOPTION (W) DOOR TAG 10 STOREFRONT IAC

ALI --WALL TYPE THE 0 TOLET 4 BATH ACCESSORY TAG

1 (I)-

CONSTRUCTION NOTE

Symbol Legend & Abbreviations

AFF.

EXTERNOR ELEVATION WANTER

IN REPORT SECTION NAMED IN

- ELEVATION NUMBER

WALL SECTION MARKE

|     |                         |                   |            |                         | Plumbin            | Fixture S | chedule |        |        |   |
|-----|-------------------------|-------------------|------------|-------------------------|--------------------|-----------|---------|--------|--------|---|
| Tay | Description 2           | Manufacturer      | Model      | Fourthieve Manufacturer | Fautet/Valve Model | CW        | HW      | San    | Vent   | Accessories   |
| FD1 | RESTROOM FLOOR DRAIN    |                   |            |                         |                    | -         |         | 3"     | 1-6/2  | TRAP SEAL   |
| FD2 | KITCHEN FLOOR DRAIN     |                   |            |                         |                    |           |         | 4"     | 2"     | TRAP SEAL   |
| LVI | LAVATORY                | AMERICAN STANDARD | 0356.015   | AMERICAN STANDARD       | 1340,119           | 1/2*      | 1/2"    | 1-1/2* | 1-1/2* | PROVIDE WITH PLTRAP, DIRROME ANGLE STOPS, STAINLESS STEEL BRAIDED HOSES, AND GRID STRAINER, 0, SOPH PUS<br>MUTERING PAUCET, PROVIDE ASSE 1070 POINT OF USE MODING MAIVE, MOUNT LAVATORY AT BUSTING PIXTURE<br>HEIGHT, |
| LV2 | LAVATORY                | AHERICAN STANDARD | 0356,015   | AMERICAN STANDARD       | 1340,119           | 1/2*      | 1/2"    | 1-1/2" | 1-1/2" | PROVIDE WITH P-TRAP, CHROME ANGLE STOPS, STAINLESS STEEL BRAIDED HOSES, AND GRID STRAINER, 0,5GP4 TW<br>LEVER FAUCET, PROVIDE ASSE 1070 POINT OF USE MIXING VALVE, MOUNT LAWATORY AT DISSTING FIXTURE HEIGHT.         |
| RD1 | ROOF DRAIN              |                   |            |                         |                    |           |         |        |        |   |
| SK1 | OROP IN SINK            | ELKAY             | LRAD221955 | CHICAGO FAUCET          | 786-E2805-SABCP    | 1/2*      | 1/2"    | 1-1/2" | 1-1/2" | PROVIDE WITH P-TRAP, CHROME ANGLE STOPS, STAINLESS STEEL BRAIDED HOSES, AND GRID STRAINER, 0,5 GPM GODSENECK FAUCET, PROVIDE ASSE 1070 POINT OF USE MIXING VALVE.   |
| URI | WALL HUNG URINAL        | AMERICAN STANDARD | 6590.001   | SLOAN                   | 60455,051          | 3/4"      | -       | 5.     | 1-1/2" | PROVIDE 0.5GPF BATTERY FLUSH VALVE, MOUNT URINAL AT EXISTING FORTURE HEIGHT.  |
| WC1 | WALL HRING WATER CLOSET | AMERICAN STANDARD | 2257,101   | SLOAN                   | 111 SPSM-1.6       | 1-1/4"    |         | 4"     | 2"     | PROVIDE 1.6GPF BATTERY RUSH VALVE, MOUNT WATER CLOSET AT EXISTING FEXTURE HEIGHT.   |
| WC2 | WALL HUNG WATER CLOSET  | AMERICAN STANDARD | 2257.101   | SLCAN                   | 111-1.6            | 1-1/4"    |         | 4"     | 2"     | PROVIDE LISEPF MANUAL FLUSH VALVE, MOUNT WATER CLOSET AT EXISTING FIXTURE HEIGHT.   |

|     |             |              | WA    | TER HEATER SCHE | DULE     |       |  |
|-----|-------------|--------------|-------|-----------------|----------|-------|--|
| TAG | DESCRIPTION | MANUFACTURER | MODEL | GAS             | RECOVERY | NOTES |  |
| WHI |             |              |       |                 |          |       |  |

#### HAZARDOUS MATERIAL NOTE:

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  G. DORROMATE DISPOSAL OF ALL PICTURES, DEWGES, ETC, ONDICATED FOR DEMOLITION WHITH THE OWNER.

### **PLUMBING GENERAL NOTES:**

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### SYMBOLS & ABBREVIATIONS

STORM OVERELOW

NATURAL GAS GREASE WASTE

| A, AIR                               | MEDICAL AIR                                    | •                 | POINT OF CONNECTION                               |
|--------------------------------------|--|-------------------|---|
| AFF                                  | ABOVE FINISHED FLOOR                           | •                 | LIMIT OF DEMOLITION                               |
| AFR                                  | ABOVE FINISHED ROOF                            | <u>—о</u> —о      | PIPE ELBOW TURNING UP/TURNING DOWN                |
| C.L                                  | CAST IRON                                      | <del>-0</del>     | PIPE TEE TURNING UP/TURNING DOWN                  |
| CO2                                  | CARBON DIOXODE                                 | A                 | MEDICAL AIR                                       |
| CW                                   | DOMESTIC COLD WATER                            | ca                | COMPRESSED AIR                                    |
| DN                                   | DOWN   | FM                | FORCED MAIN                                       |
| EV                                   | EVACUATION (WASTE ANESTHETIC GAS DISPOSAL)     | FP                | FIRE PROTECTION LINE                              |
| FHV                                  | FIRE HOSE VALVE WITH CABINET                   | —-a—              | QAS LINE  |
| FPWH                                 | FREEZE PROOF WALL HYDRANT                      | GW                | SANITARY WASTE PIPING TO GREASE TRAP              |
| нв                                   | HOSE BIRE                                      | o                 | OXYGEN PIPING                                     |
| HW                                   | DOMESTIC HOT WATER                             | — ŝто—            | OVERFLOW STORM PIPING                             |
| IAW                                  | IN ACCORDANCE WITH                             | st                | PRIMARY STORM PIPING                              |
| ID                                   | INSIDE OMENSION                                | — SAH —           | SANITARY WASTE PIPING                             |
| IE                                   | INVERT ELEVATION                               | —— ss ——          | STORM SEWER PIPING                                |
| LPA                                  | LINE PRESSURE ALARM (MEDICAL GAS AREA ALARM)   | v                 | VACUUM PIPING                                     |
| мн                                   | MANHOLE  | — vr —            | VENT PIPING                                       |
| MSA                                  | MULTI-SINGLE ALARM (MEDICAL GAS MASTER ALARM)  | - E(NAME)-        | EXISTING PIPING (THIN LINE)                       |
| NTB                                  | NOT TO SCALE                                   | -ABAN(NAME)-      | ABANDONED EXISTING PIPING (THIN LINE)             |
| NIC                                  | NOT IN CONTRACT                                | h <sub>GQ</sub>   | CLEANOUT IN CEILING SPACE                         |
| NO                                   | NORMALLY OPEN                                  | oco               | FLOOR CLEANOUT                                    |
| NC                                   | NORMALLY GLOSED                                |                   | EXTERIOR CLEANOUT                                 |
| o, ox                                | OXYGEN   | ————— <u>≡cco</u> | BALANCING VALVE                                   |
| 00                                   | DUTSIDE DIMENSION                              |                   | BALL VALVE  |
| OFCI                                 | OWNER FURNISHED, CONTRACTOR INSTALLED          |                   | SAFETY RELIEF VALVE                               |
| OFOL                                 | OWNER FURNISHED, OWNER INSTALLED               |                   | SAFETY RELIEF VALVE                               |
| CFCI                                 | CONTRACTOR FURNISHED, CONTRACTOR INSTALLED     | <b>————</b>       | OSAY (GATE) VALVE                                 |
| OR                                   | OPEN RECEPTACLE                                | —                 | PRESSURE REDUCING VALVE (STEAM, GAS, WATER, ETC.) |
| ORL.                                 | OVERFLOW ROOF LEADER                           | <del></del>       | STRAINER  |
| PRV                                  | PRESSURE REDUCING VALVE (STEAM, WATER, OR GAS) | - <del>5</del> -  | CHECK VALVE                                       |
| PSI                                  | POUNDS PER SQUARE INCH                         | -R-R-             | DOUBLE CHECK VALVE ASSEMBLY                       |
| RHW                                  | DOMESTIC RECIRCULATING HOT WATER               |                   | PIPING UNION                                      |
| RL.                                  | ROOF LEADER                                    | ٠                 | FLOW SWITCH                                       |
| scw                                  | SOFT DOMESTIC COLD WATER                       | P*                | PRESSURE SWTICH                                   |
| SR                                   | SANITARY RISER                                 | - P*              | TAMPER SWITCH                                     |
| 118                                  | THRUST BLOCK                                   | Ф                 | THERMOMETER                                       |
| TE                                   | TOP ELEVATION                                  | ⋈                 | VACUUM BREAKER                                    |
| TP                                   | TRAP PRIMER                                    | •                 | LIMITED AREA SPRINKLER HEAD                       |
| TYP                                  | TYPICAL  |                   | PETE'S PLUG                                       |
| UON                                  | UNLESS OTHERWISE NOTED                         | FO-R              | FLOOR DRAIN DESIGNATOR                            |
| V. VAC                               | VACUUM   | BD-#              | ROOF DRAIN DESIGNATOR                             |
| VTR                                  | VENT THRU ROOF                                 | P-#               | PLUMBING FOTURE DESIGNATOR                        |
| PIPE LEGEND                          |  |                   | EQUIPMENT TAG DESIGNATOR                          |
|                                      | DOMESTIC COLD WATER                            | ⊗                 | TAGGED NOTE DESIGNATOR                            |
|                                      | DOMESTIC HOT WATER                             | ▲                 | REVISION DESIGNATOR                               |
| the art bell from more than below to | DOMESTIC HOT WATER RECIRC                      | <b>(2)</b>        | TEMPERATURE SENSOR                                |
|                                      | VENT   | 7-0               | HOSE BIB  |
|                                      | SANITARY                                       |                   |   |



EmbossDeeign.com 906 Monmouth Street (859)431-8812 Newport, KY 41071

NOT FOR CONSTRUCTION

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- Kenton Elemen
Address, City, State, Zip Example I KCSD - Ke

NO. DESCRIPTION

PLUMBING LEGEND

2025-012

P000





GENERAL NOTES - FIRE PROTECTION

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PROVIDE ADDITIONAL OFFSETS WHERE INCESSARY,
COORDINATE ALL HAVE WORK WITH ELECTRICA, PURPRIME AND OTHER
TRADES TO AVOID INTERFERENCE WITH PIPPING, DACTS, CONDUIT AND
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#### HAZARDOUS MATERIALS NOTES

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ABBREVIATIONS

AD1 ADNISTABLE AFF ABOVE FINISHED PLOOR AHJ AUTHORITY HAVING JURISDICTION ANSI AMERICAN NATIONAL STANDARD INSTITUTE CLG CETLING CLR CLEAR DN DOWN ENGR ENGINEER EQ EQUAL ETR EXISTING TO REMAIN EXT. EXTERNOR PVC FIRE VALVE CARRIET FL FLOOR FLA RULL LOAD AMPS FOR FLAT ON BOTTOM POT FLAT ON TOP FPC FIRE PROTECTION CONTRACTOR FT FEET OR FOOT PUT PUTURE GA GAGE/GAUGE

IO I (-DENTIFICATION, -NSIDE DIAMETER, -NSIDE DIMENSION)

INT INTER (-IOR, -ERVAL) JPS IRON PIPE SIZE

OPCI OWNER PURNISHED, CONTRACTOR INSTALLED

PRV PRESSURE REDUCING VALVE (STEAM, WATER, GAS) PSF POLINDS PER SQUARE FOOT PST POUNDS PER SQUARE INCH PS15 PPSI GAUGE SQ FT SQUARE PEET OR FOOT TED TO BE DETERMINED

OFOI DWINER FURNISHED, OWNER INSTALLED PC PLUMBING CONTRACTOR

LBS POUNDS UF LINEAR FEET/FOOT MAX MAXIMUM NFG MANUFACTURER

MIN (-IHUM, -UTE) MISC MISCELLANEOUS

MTG MOUNTING

N/A NOT APPLICABLE MC NOISE CRITERIA OR HORMALLY CLOSED NIC NOT IN CONTRACT NO NORMALLY OPEN OR NUMBER

NTS NOT TO SCALE DC ON CENTER OD OUTSIDE DI (-AMETER, -HENSION) CPC1 CONTRACTOR PURNISHED, CONTRACTOR INSTALLED

PLOG PLUMBENG

GAL GALLON (-S) GC GENERAL CONTRACTOR HORIZ HORIZONTAL

### PHASING NOTES

THES PROJECT INTERVACES DOTRIGHEN WITH DOSTRIG BUILDING SERVICES. IT SHALL BE THE CONTINUOUS SERVICES. IT SHALL BE THE CONTINUOUS SERVICES TO HUMBER SERVICES TO HUMBER SERVICES TO HUMBER SERVICES. TO HUMBER SERVICES. THE SERVICES OF BUILDINGS TO HUMBER SERVICES. AND SERVICES AND SERVICES AND SERVICES. AND SERVICES AND SERVICES AND SERVICES AND SERVICES. AND SERVICES AND SERVICES AND SERVICES AND SERVICES AND SERVICES AND SERVICES. AND SERVICES AND SERVICES

ABBREVIATIONS (CONTINUED)

| TE  | TOP ELEVATION          |
|-----|------------------------|
| TYP | TYPICAL                |
| UNO | UNLESS NOTED OTHERWISE |
| wr  | WEIGHT                 |
| w/  | WITH                   |
| W/O | WITHOUT                |
| %   | PERCENT                |
|     | CENTERLINE             |

| 146<br>PRETANCE | RDOM TAG<br>EQUIPMENT TAG                 |
|-----------------|---|
| •               | POINT OF CONNECTION / CONNECT TO EXISTING |
| •               | POINT OF DEMOLIFION                       |
|                 |   |
|                 |   |

| ~              | PIPE ELBOW TURNING UP   |
|----------------|---|
| 0              | PIPE ELBOW TURNING DOWN   |
| <del>-</del> > | PIPE TEE; CONNECTION ON TOP                                       |
| -0-            | PIPE TEE; CONNECTION ON BOTTOM                                    |
|                | PIPE CAP  |
| FP             | FIRE PROTECTION PIPING  |
| -D(XXXX)-      | PIPING TO BE DEMOLISHED - (XXX) DENOTES SYSTEM                    |
| -60000)-       | EXISTING PIPING - (XXX) DENOTES SYSTEM                            |
| -4XXXX)-       | ABANDONED IN PLACE PIPING - (2001) DENOTES SYS                    |
| 151            | STRAINER  |
| -M-            | MANUAL ISOLATION VALVE  |
| -pu            | GLOBE VALVE   |
| -00-           | OSAY (GATE) VALVE   |
| -M-            | PRESSURE REDUCING VALVE (STEAM, GAS, WATER, ETC.                  |
| -N-            | CHECK WALVE   |
| カカ             | DOUBLE CHECK VALVE ASSEMBLY                                       |
|                | FLEXTIBLE PIPE CONNECTION   |
| <b>—</b> ф—    | PIPING UNION  |
| - Çu           | FLOW SWITCH   |
| - P            | PRESSURE SWITICH  |
| _Y-            | TAMPER SWITCH   |
| _7_            | PETE'S PLUG; TEMPERATURE/PRESSURE PORT                            |
|                | SEMI-RECESSED SPRINGLER HEAD WITH REMOVABLE<br>PSCI/INCHEON PLATE |
| ŵ              | UPRIGHT TYPE SPRINGER HEAD  |

SIDEWALL TYPE SPRINKLER HEAD



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> Project Elementary State, Zip Renovation KCSD - Kenton Project Address, City, Example

FIRE PROTECTION LEGEND

2025-012

F000

- THE CONTRACTORS ATTENTION IS DIRECTED TO THE GENERAL AND SPECIAL CONDITIONS, "GENERAL CONDITIONS HE CHANGE." OF THE PROJECT SPECIFICATIONS AND TO ALL OTHER CONTRACT ECOLORIST SATELY AND THE REMOVED THE PROJECT SPECIFICATIONS AND TO ALL OTHER CONTRACT ECOLORIST SATELY AND THE SEMANCH OF WORK, ATTENTION IS EXPOSED OF WORK, THE THORN IS ADO DIRECTED TO ALL OTHER SECTIONS OF THE CONTRACT DOCUMENTS WHICH AFFECTS THE WORK, AND WHICH ARE HERIESY HADE A PART OF THE WORK SPECIFIES.

- AS TIER, WHY TO THIS BEAMO OF WORK, ATTEMEND IS ASSO DISECTED OF ALL OTHER SECTION OF THE COMMUNICACIONSMICH SHAPE OF ALL OTHER SECTION OF THE COMMUNICACIONSMICH SHAPE OF A PAIN OF THE COMMUNICACIONSMICH SHAPE OF A PAIN OF THE COMMUNICACIONSMICH SHAPE OF THE WORK OF THE

- AMAINACTURES INSTALLATION REQUIREMENTS, WHITHER STREEPCALLS DEFINED ON NOT, WITHIN THE PLACE AND SPECIFICATION. CONTINUE TO FRANCE AND SPECIFICATION.

  THE DISCUSSION OF THE STREET AND SPECIFICATION OF THE DESIRES. SINCE ANY INTERPRETATION HE REQUIRED. THE DISCUSSION OF THE STREET AND SPECIFICATION OF THE STREET AND S

- WILL BE REACHED.
  CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE REGARDLESS IF CONTRACTOR IS IGNORANT OF CODES, RULES, REQUATIONS, LAWS, ETC. THE CONTRACTOR SHALL ALSO BE VERSED IN ALL CODES, RULES, REGULATIONS, LAWS, ETC. PRINTIENT TO THEIR PART OF THE WORK PRIOR TO SYMPLISION OF THE 11.
- PROPOSAL.
  ALL WARRANTIES SHALL BEGIN STARTING AT THE PROJECT'S SUBSTANTIAL COMPLETION DATE, ALL
  EQUIPMENT, MATERIAL AND LABOR WARRANTIES SHALL BE FURNISHED BY THE EQUIPMENT
- EQUIPMENT, PATERIAL AND LABOR WARRANTES SHALL BE RIBNISHED BY THE EQUIPMENT SUPPLIES/VENDOR.

  13. WHEREVER WORK PENTRATES ROOFING, IT SHALL BE DONE IN A MANNER THAT WILL NOT DIMINISH OR VIOLD THE ROOFING GUARANTEE DR WARRANTY IN ANY WAY, COORDINATE ALL SUCH WORK WITH THE
- YOU IT IS RUBHING GAMMER'S UN MERCHANT LINE OF THAT HAS DISCHARGE STORED OF THE YOU 
  ROOMED STREAM OF EXCHANGE AND, IS EVEN TO ASK AN ALL THES DISCHARGE STORED OF THE YOU 
  STIT SHALL BE RACTO A REMINING OF "A MORE THE ROOM AND IS COMPLETELY CONCRED THE ASTIC. 
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  ISSTALD DU LYMONE SHALL BE AND ROOMED TO WITHOUT THE PROCOPOULY 
  BE EQUIRED TO CLAM THE OUT! STETCH VITILIZED, A MOUNT CETTER-OWN FOR THE OWN 
  EVEN THE PREMINENT OF STETCH, WHEN BEING THE OWN FOR THE OWN BEING WITH THE 
  CONSENT OF THE GREEKER AND BE STRUCT ACCORDING WITH YOUR MOVISIONS REQUIRED.
- CONTROL OF THE CONTROL AND AT STATE AND ADMINISTRATION OF THE CONTROL OF THE CONT
- \*\*CONTRACTION.\*\*

  1. THE CONTRACTOR SHALL DETERMINE FROM THE CONTRACT DOQUMENTS, THE DATE OF COMPLETION FOR THE PROJECT AND INSURE THAT EQUIPMENT DELIVERY SOMEDLES CAN BE MET SO AS TO ALLOW THIS COMPLETION TO BE MET.
- THE ROUGHT AND FROME THAT EQUIPMENT DELINES SOCIALISES ON BY RELEVAN AS TO ALLIAN THIS DELINES, THE ROUGHT AND THE ROUGHT AND

- EXPONENT. ADDITIONAL AUTOMACES SHALL BE RELIGIOD FOR SOME AT MOST PROPOSED ORDER THAN EXPONENT CONTRACTION CENTRACTION DAVID PROVIDED PROVIDED TO ANY CONTRACTION SHALL BROADER PROVIDED CONTRACTION CENTRACTION C

- AND ADJUSTMENT.

  8. THE CONTRACTOR, SHALL VISIT THE SITE FOR EXACT LOCATIONS OF ALL WALL AND CEILING DEVICES, THIS SHALL INCLUDE PLUMBLING FIXTURES, CEILING GRILLES AND DIFFLERES, ETC.

  9. CONTRACTOR SHALL LEAR UP CONSTRUCTION DEBRIS AT ALL THRES DURING CONSTRUCTION.

- CEMERAL NOTES DENOLITION

  A. THE CONTRACTOR DAIL REFER TO THE ARCOTTECTUAL IT ARE FOR AREA IN WHICH THE CRITICE IS REPORTED TO THE ARCOTTECTUAL IT ARE FOR AREA IN WHICH THE CONTRACTOR IS REPORTING THE DESITY CLIENT OF REPORT OF THE OFFICE THE CONTRACTOR OR SEQUENCE CLIENT CONTRACTOR THE OFFICE ARCOTTECTUAL IN THE OFFICE ARCOST CONTRACTOR SHALL BE SHOULD THROUGH THE OFFICE ARCOTTECTUAL IN THE OFFICE ARCOST CONTRACTOR SHALL BE SHOULD THROUGH THE OFFICE ARCOTTECTUAL IN THE OFFICE ARCOST CONTRACTOR SHALL BE SHOULD BE WRITTED ARROTTED ARCOTTECTUAL IN THE OFFICE ARCOTTECTUAL IN THE OFF
- ICE. SPRINGER SYSTEM OUTAGES THE CONTRACTORS SHALL PROVIDE FIRE WATCH OF AREAS WITH
- OUTLANDS.

  ALL WHALL MADE ALLOO SLAEDS SHALL BE GROWNED TO HATCH DESTRUCTION TO A LICE REMY CONCITION.

  ALL WHALL MADE ALLOO SLAEDS SHALL BE GROWNED AND REPORTED TO MADE THE ADMINISTRATION CHARGES TO MADE THE ADMINISTRATION OF THE ADMINISTRAT

| ADI  | ADJUSTABLE   |
|------|--|
| AFF  | ABOVE FINISHED FLOOR                                 |
| AFR  | ABOVE FINISHED ROOF                                  |
| APID | AIR PRESSURE DROP                                    |
| AVG  | AVERAGE  |
| BAS  | BUILDING AUTOMATION SYSTEM                           |
| ВНР  | BREAK HORSEPOWER                                     |
| вти  | BRITISH THERMAL UNIT                                 |
| CAV  | CONSTANT AIR VOLUME                                  |
| ŒИ   | CURSIC FEET PER HENUTE                               |
| co   | CARBON MONOXIDE                                      |
| C02  | CARBON DIOXIDE                                       |
| DB   | DRY SULB   |
| DOC  | DIRECT DIGITAL CONTROLS                              |
| DN   | DOWN   |
| EAT  | ENTERING AIR TEMPÉRATURE                             |
| EC   | ELECTRICAL CONTRACTOR                                |
| ESP  | EXTERNAL STATIC PRESSURE                             |
| ETR  | EXISTING TO REMAIN                                   |
| EWT  | ENTERING WATER TEMPERATURE                           |
| FA   | FREE AREA  |
| FD   | FIRE DAMPER  |
| FLA  | FULL LOAD AMPS                                       |
| FPC  | FIRE PROTECTION CONTRACTOR                           |
| FPH  | PEET PER MINUTE                                      |
| ms   | FEET PER SECOND                                      |
| PSD  | FIRE SMOKE DAMPER                                    |
| GAL  | GALLON (-5)  |
| GC   | GENERAL CONTRACTOR                                   |
| GPM  | GALLONS PER MINUTE                                   |
| GR   | GRAINS   |
| HD   | HEAD   |
| HP   | H (-ORSEPOWER, -EAT PLMP)                            |
| 10   | 1 (-DENTIFICATION, -NSIDE DIAMETER, -NSIDE DIMENSION |
| kw ' | KILOWATT   |
| LAT  | LEAVING AIR TEMPERATURE                              |
| LWT  | LEAVING WATER TEMPERATURE                            |
| нам  | BTU PER HOUR [THOUSANDS]                             |
| МСА  | MINIMUM CIRCUIT AMPS                                 |
|      | MANUFACTURER   |

| NO    | NORMALLY OPEN OIR NUMBER                    |
|-------|---|
| NTS   | NOT TO SCALE                                |
| 00    | OUTSIDE DI (-AMETER, -MENSION)              |
| OFCT  | OWNER PURHISHED, CONTRACTOR INSTALLED       |
| 1010  | OWNER FURNISHED, OWNER INSTALLED            |
| PC    | PLUMBING CONTRACTOR                         |
| PD    | PRESSURE DIROP                              |
| PH    | PHASE (ELECTRICAL)                          |
| PPM   | PARTS PER MILLION                           |
| PRS   | PRESSURE REDUCING STATION                   |
| PRV   | PRESSURE REDUCING VALVE (STEAM, WATER, GAS) |
| PSF   | POUNDS PER SQUARE FOOT                      |
| PSI   | POUNDS PER SQUARE INCH                      |
| PSIG  | PSI GAUGE                                   |
| RH    | RELATIVE HUMIDITY [%]                       |
| RPM   | REVOLUTIONS PER MINUTE                      |
| 50    | SMOKE DAMPER                                |
| SP    | STATIC PRESSURE                             |
| 5Q FT | SQUARE FEET OR FOOT                         |
| TSP   | TOTAL STATIC PRESSURE                       |
| TYP   | TYPICAL                                     |
| UNO   | UNLESS NOTED OTHERWISE                      |
| ٧     | VOLT (-AGE, -S)                             |
| VAR   | VARI (-ABLE, -JES)                          |
| VAV   | VARIABLE AIR VOLUME                         |
| VEL   | VELOCITY                                    |
| VFD   | VARIABLE FEQUENCY DRIVE                     |
| w     | WATT (-AGE, -S)                             |
| ws    | WET BULD                                    |
| WPD   | WATER PRESSURE DROP                         |
| AP    | DIFFERENTIAL PRESSURE                       |
| ΔT    | TEMPERATURE DIFFERENCE                      |
|       | CENTERLINE                                  |
| Phena | SYMBOLS                                     |
| (F)   | TAGGED NOTE DESIGNATOR                      |
| A     | REVISION TRIANGLE                           |

| <b>②</b> | TAGGED NOTE DESIGNATOR                    |
|----------|---|
| Δ        | REVISION TRIANGLE                         |
| Walle .  | ROOM TAG                                  |
| X20X-X   | EQUIPMENT TAG                             |
| •        | POINT OF CONNECTION / CONNECT TO EXISTING |
| •        | POINT OF DEMOLITION                       |

### PHASTNG NOTES

MOCP

HASSING NOTES

THIS PROJECT INTERNALS EXTENSIVELY WITH EXISTING BUILDING SERVICES, IT SHALL BE THE CONTRACTORS REPRORSBELLY TO CORDINATE HAD PAUR ALL. TEST-RAMO. INTERRUPTIONS OF SESTING SOWICE, TO CONTRACT CONTRACT, AS AN OWNER, MAY HAVE SORVICE, MAY SERVICE, EXECUTION, SOURCE, MAY SORVICE, STORM CHEMATOR, ETC., MILL RE PRECITO AND MAY SHALL BE SHALL

MAXIMUM OVERCURRENT PROTECTION [AMPS] HOISE CRITERIA OR NORMALLY CLOSED

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- SO ADVISE HIN/HER PIMEDUTELY.

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  OFFOR, DECEMBER AND HOLD COTA, TIS PARTERIALS, DEMUTES, ACRESS AND CONSALATION, THAN AFTER
  FROM ANY SOLID BALLED CLAIMS WORTHOW HAVE BEOLOGY OFF ANY ASSOCIATIONS, SPAYLES OR
  OFFOR ANY SOLID BALLED CLAIMS WORTHOW HAVE BEOLOGY OF ANY ASSOCIATIONS, SPAYLES OR
  OFFICE ACCOUNTS AND ACCOUN
- MAY OTHER THIRD PARTIES.

  E. THE CONTRACTOR IS DIRECTED TO THE SPECIFICATIONS FOR FURTHER INFORMATION.

| $\boxtimes$    | SUPPLY AIR DIFFUSER                                   |
|----------------|---|
|                | RETURN AIR GRULE                                      |
|                | EXHAUST AIR DIFFUSER                                  |
|                | TRANSFER AIR GRILLE W/ SOUND ATTENUATING BOOT         |
| 0              | SIDEWALL DIFFUSER/GRILLE                              |
| TAS<br>ABULDIS | AIR DEVICE TAG (REGISTER, GRILLE, DIFFUSER, LOUMER)   |
| FFXFF          | RECTANGULAR DUCT                                      |
| Ro .           | ROUND/SPIRAL DUCT                                     |
| 99/00          | FLAT OVAL DUCT  |
| 5A             | SUPPLY AIR DUCT                                       |
| RA             | RETURN AIR DUCT                                       |
| EA -           | ENHAUST AIR DUCT                                      |
| GA -           | OUTSIDE AIR DUCT                                      |
| TA             | TRANSFER AIR DUCT                                     |
| CAE            | COMBUSTION AIR EXHAUST DUCT                           |
| CAL            | COMBUSTION AIR INTAKE DUCT                            |
| ⊠ 5A           | SA AIR DUCT TURNING UP                                |
| ·   5A         | SA AIR DUCT TURNING DOWN                              |
| □ RA           | RA AIR DUCT TURNING UP                                |
| . PA           | RA AIR DUCT TURNING DOWN                              |
| N W            | EA AIR DUCT TURNING UP                                |
| [4] EA         | EA AIR DUCT TURNING DOWN                              |
| E(XXX)         | EXISTENG DUCT - (XXX) DENOTES SYSTEM                  |
| D(XXX)         | DUCT TO BE DEMOLISHED - (XXXX) DENOTES SYSTEM         |
| ALXXV)         | DUCT YO BE ABANDONED IN PLACE - (1001) DENOTES SYSTEM |
| 0              | MITTERED BLBOW WITH TURNING VANES                     |
| HHH            | FLEXIBLE DUCT   |
| Ø              | THERMOSTAT  |
| ©.             | TEMPERATURE SENSOR                                    |
| ®              | HUMIDITY SENSOR                                       |
| ©              | CARBON DECKEDE SENSOR                                 |
| 0              | TEMPERATURE & CARBON DIOXEDE SENSOR                   |
| DIC 8          | MANUAL BALANCING/VOLUME DAMPER                        |
| ů D-           | MOTORIZED DAMPER                                      |

| 0              | PIPE ELBOW TURNING UP                          |
|----------------|--|
| —-е            | PIPE ELBOW TURNING DOWN                        |
| <del>-</del> ~ | PIPE TEE; CONNECTION ON TOP                    |
| <del></del> -  | PIPE TEE; CONNECTION ON BOTTOM                 |
| 3              | PIPE CAP                                       |
|                | CONDENSATE DRAIN                               |
| -OWS/R-        | CHILLED WATER SUPPLYRETURN                     |
| -cws/r-        | CONDENSER WATER SUPPLYRETURN                   |
| —prsyr—        | DUAL TEMP, WATER SUPPLYISETURN                 |
| —GS/R—         | GEOTHERMAL WATER SUPPLYMETURN                  |
|                | HIGH PRESSURE STEAM CONDENSATE                 |
| -1PS(4)-       | HIGH PRESSURE STEAM; (#) DENOTES PRESSURE      |
| -HPS/R-        | HEAT PUMP WATER SUPPLY/RETURN                  |
| -HRS/R-        | HEAT RECOVERY SUPPLY/RETURN PIPING             |
| -HWS/R-        | HEATING WATER BUPPLY/RETURN                    |
| —пс—           | LOW PRESSURE STEAM CONDENSATE                  |
| US(#)          | LOW PRESSURE STEAM. (#) DENOTES PRESSURE       |
| —мрс—          | MEDIUM PRESSURE STEAM RETURN                   |
| -MPS(#)-       | MEDIUN PRESSURE STEAM; (II) DENOTES PRESSURE   |
| —sv1—          | STEAM VENT PIPING                              |
| 00000          | PIPING TO BE DEMOLISHED - (XXX) DENOTES SYSTEM |
| -E(0000)       | EXISTING PIPING - (XXX) DENDTES SYSTEM         |



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> Project Elementary State, Zlp iple Renovation F - Kenton Elemen xt Address, City, State, Zip Exampl KCSD Project

MECHANICAL LEGEND

2025-012

M000



MECHANICAL SITE UTILITY NOTES

A. DO NOT SCALE FROM MECHANICAL AND ELECTRICAL DRAWINGS, FIELD VERIFIC

TAGGED NOTES

RECHANICAL SITE UTILITY NOTES

Do 197 SCALE FROM TOWNICH AND BLECTERIA DRAWINGS, FIELD WEIN'
REQUIRED DOMEROUS.

CONTACTION SHOULD REPORT OF SECURITY CORRESPONDED FOR WORK,
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FREEDA, STATE, LOCAL, HANDSHILLY AND INITIATY DEPARTMENT.

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RECEAR TORS ON REQUIREMENTS AND URBEST EXPENSION.

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RECEAR TO SECURITY CORRESPONDED FOR THE SECURITY OF THE SECURITY OF SHULL REPORT OF SHU

SCALE: NOT TO SCALE

- D FEET SANO E GRAYEL <u>LOG NOTES:</u> BORE HOLE DAWETER: 8.5 BHCHES FIRST 20 FT, 6 BNCHES 20-680 FT WELLFIELD BORE LOG

MECHANICAL SITE PLAN SCALE: 1" = 40"-0"

PRINT DATE

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NOT FOR CONSTRUCTION

> **Example Renovation Project** - Kenton Elementary Address, City, State, Zip KCSD Project

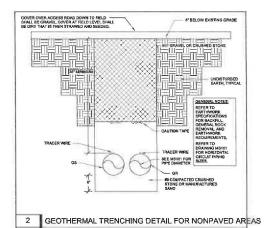
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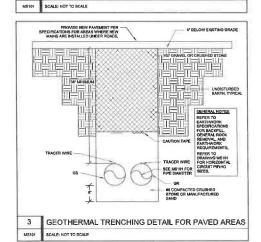
MECHANICAL SITE PLAN

2025-012

MS100







| WELL BORE DEPTH                                 | 300'   |
|---|--|
| WELL FIELD SPACING                              | 20' ON CENTER  |
| WELL QUANTITY                                   | 128  |
| # OF CIRCUITS                                   | 8 @ 16 WELLS EACH  |
| GPM PER WELL                                    | XX GPM   |
| PIPING TYPE                                     | HEAT FUSION WELDED HOPE PIPING IN WELLS SHALL BE 1 1/2" U BEND<br>ASSEMBLY   |
| WELL FIELD GROUT                                | THE ENTIRE BORE SHALL BE GROUTED WITH A GROUT MIXTURE THERMAL CONDUCTIVITY OF 1.0 BTUHR-FT-'F  |
| COVER OF WELLFIELD<br>AND ASSOCIATED<br>PIPTING | THE WELL FIELD WHICH IS BEING LOCATED UNDER THE EXISTING TRACK<br>SHALL BE STRAWED AND SERDED ONCE THE WELL FIELD IS COMPLETE. IT IS<br>THE EXPECTATION THAT THE ENTIRE FIELD HAS A CONTINUOUS AND<br>UNDERTHIN APPERANCE. |

| EST WELL INFORMATION              |                             |
|-----------------------------------|-----------------------------|
| THERMAL CONDUCTIVITY              | 1,48 Btu(hr-8-°F)           |
| UNDISTURBED FORMATION TEMPERATURE | 52,7 TO 53,8°F              |
| THERMAL DIFFUSIVITY               | 1.29 FT*2/DAY               |
| TEST WELL DEPTH                   | 305', 1" HDPE SDR-11 U-BEND |



NOT FOR CONSTRUCTION

Example Renovation Project KCSD - Kenton Elementary Project Address, City, State, Zip

MECHANICAL SITE PLAN -ENLARGED

2025-012

MS101

MECHANICAL SITE PLAN - ENLARGED MS101

## **ELECTRICAL GENERAL NOTES:**

A DATI CONTROL REPORTED AUPPLE A MODE WALLPACTURES SHALL REPIET TO ALL DOCUMENTS

A DATI CONTROL REPORTED AUPPLE A MODE WALLPACTURES SHALL REPIET TO ALL DOCUMENTS

COMPLANCE WITH SPECIPAL TORN, PROPERLY OLL AND CURRENT CHARACTERISTICS TO AVIOR

COMPLANCE WITH SPECIPAL TORN, PROPERLY OLL AND CURRENT CHARACTERISTICS TO AVIOR

COMPLANCE WITH ANY OTHER BUBLINGS SYSTEMS. LESSEY, SAWE WITH 1-600 POR PARIOD.

CONTROL OF CONTROL REPORTED AND CONTROL AND SPECIPAL PROPERTY OF THE SPECIFIC AND SPECIFIC AN

D. CONTRACTOR SHALL FOLLOW SESSIAN RESTINENT AND DESIGN REQUIRE MENTS CONTRACTOR SHALL FOLLOW SESSIAN RESTINENT CONTRACTOR SHALL FOLLOW SESSIAN RESTINENT CONTRACTOR SHALL RESTINENT CO

ARCHITECT, TILLING DODOPHIO MERIANANE ON OTHER MATERIALS USED FOR WEAT-REPROCENT THE BRADNING, MAY SEED FEMALEMENT, AND THAT OR METIGETY IN ANYWAY, COUNTRY AND ANY COUNTRY THE RECORDS WARRANTY OR RETIGETY IN ANYWAY, COUNTRY AND ANY COUNTRY THE RECORD WARRANTY OR RETIGETY IN ANYWAY, COUNTRY THE RECORD WARRANTY OR RETIGETY IN ANYWAY, COUNTRY THE RECORD WARRANTY OR RETIGETY IN ANYWAY, COUNTRY THE RECORD WARRANTY OR RECORD WARRANTY OR RETIGETY IN ANYWAY, COUNTRY THE RECORD WARRANTY OR ANY COUNTRY THE WARRANTY OR ANY COUNTRY OR THE WARRANTY OR ANY COUNTRY OR THE WARRANTY OR

NO. ALL WORK SHALL BE CONCEALED UNLESS SPECIFICALLY INDICATED TO BE EXPOSED, OR REQUIRED TO BE EXPOSED, IF IN DOUBT, CONTACT THE ENGINEER FOR CLARFICATIONS PRIOR TO INSTALLING ANY SUCH

NOTICE.

OF THE WINDOWS OF ANY DESTINE SERVICES SHALL BE CONSIDER TO WEST QUESTIONS OF THE WINDOWS OF ANY DESTINE SERVICES SHALL BE CONSIDERED WITH THE WORK GLEEN, CONTRACTOR, UTILITY COMPANY AS RECESSARY, AND THE ARCHITECT, AT LEAST TWO WEIGHS IN ADVANGED THE WINDOWS OF THE WORK GLEEN AND A WINDOWS OF THE WORK GLEEN AND A WINDOWS OF THE WINDOWS OF

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| DESCRIPTION  | MOUNTING HEIGHT<br>(TO CENTER OF BOX | DRAWING<br>SYMBOL |
|--|--------------------------------------|-------------------|
| IMITCHES   |                                      | _                 |
| HOME SWITCH CHINERAL PURPOSE   | 48"                                  | \$<br>8D          |
| DIRECT WAY SWITCH  | 44.                                  | 83                |
| CCYED SWITCH<br>DOCUPANCY OR VACANCY SENSOR SWITCH   | M.                                   | \$K               |
| LOW VOLTAGE SWITCH   | 46"                                  | \$08,\$           |
| NON-REVERBING MOTOR STARTER SHAP SWITCH  | AS NOTED                             | SM                |
| TIMER 6WITCH<br>DCCUPANCY OR VACANCY SENSOR, CEILING MOUNT   | 46"                                  | \$1<br>@.6        |
| PHOTO-CELL AS NOTED  | CLG<br>AS NOTED                      | 80.00             |
| PHOTO-CELL AS NOTED<br>EXAM LIGHT SWITCH   | 46"                                  | € ×               |
| EXAM LIGHT SWITCH WITH DONSTANTLY ALLIMINATED HANDLE SURGICAL LIGHT INTENSITY CONTROL FOUR WAY SWITCH  | 45                                   | \$ N              |
| SURGICAL LIGHT INTERSITY CONTROL   | 45"                                  | \$8L<br>\$4       |
| DONE SWITCH FOR LINDER CANINET LIGHTS  | 46"                                  | \$0               |
| ILLUMBATED HANDLE LIGHT SWITCH (LLUMNATED WHEN LOAD IS OFF)  | 48"                                  | \$1.              |
| PILOT LIGHT SWITCH GLLUMMATED WHEN LOAD IS ON! MOMENTARY CONTACT SWITCH HAND-OFF-AUTO 3-POSTRON SWITCH   | 45                                   | \$PL              |
| MOMENTARY CONTACT SWITCH   | 46"                                  | \$MC<br>\$HOA     |
| HAND-OFF-AUTO S-POSTION SWITCH FUEROFINGY ALTOMATIC TEANSFER TWATCH  | et.                                  | 33                |
| EVERGENCY ALTOWATIC TRANSFER SWITCH<br>FOR LIGHTING CONTROLS (REFER TO DETAIL)   |                                      | <b>E</b>          |
| POWER GUTLETS<br>SIMPLEX RECEPTAGLE  | 1-6"                                 | 0                 |
| DUPLEK RECEPTACLE-BAFFTY TYPE<br>FAMPER-RESISTANT  | 1-8"                                 | 0                 |
| TAMPER-RESISTANT<br>DUPLEX RECEPTACLE  | 1'-8"                                | 0-                |
| SLASH THROUGH ANY DEVICE INDICATES MOUNTING  |                                      | Ø.                |
| OUR DU RECEPTACIE  SUMH TROUGH AN D'EMCE INDICATES MOUNTING  REON'S COUNTERTED & MOUNTE BLOCK STAULH, OR A'  WE WARRIEN OCCUMENTE BLOCK BLOCK STAULH, OR A'  WARRIEN OCCUMENTE BLOCK BLOCK BLOCK  PALLED CHITTER BAR INDICATES INTEGRAL ORDOUND  FALLED OUTER BARS INDICATES INTEGRAL INTEGRAL  AUGUSTES AN AERTON TO "HAVE RECIPTACIES  TOUR DESTRUCTION OF MOUNTED  TOUR D |                                      |                   |
| FALLE CENTER BAR INDICATES INTEGRAL ORDING   | sver.                                | 0-                |
| FILLED OUTER BARS INDICATES INTEGRAL INTEGRAL UND DUTLETS IN ACESTION TO FUNDER RELEIPT ACLES  | 17-8"                                | 0-                |
| DUPLEK RECEPTACLE, CEILING MOUNTED<br>DUADRUPLEX RECEPTACLE  | CLD<br>CLD                           | -                 |
| JUNCTION BOX, CEILING OR WALL  |                                      | 0.0               |
| VOLTAGE/IPH RECEPTACLE, AS NOTED   | AS NOTED                             |                   |
| GROW PAIR  | 1'-8"                                | -                 |
| WEATHER-PROOF WHILE IN USE" TYPE DIS-CAST<br>METAL COMEPTLATE WITH LOCKABLE<br>ENCLOSURE AT DUTLET - SEE SPECIFICATIONS<br>DUPLEX FOR FLECTRIC WATER CODUERL PROMIDE   | 2.7                                  | 9-1               |
| JAMOTOR BOS, CIDING ON WALL  VALAMET/MERCETALE, AS MOTO  VALAMET/MERCETALE  VALAME |                                      | 0                 |
| (PROVIDE ONDER IF LIGHTING CIRCUIT IS 2774)  | 48"                                  | 0-0               |
| WITH ONE DUPLEX RECEPTACLE ON BOTH SIDES   | OH CNTR.                             | ⊕ be              |
| FIRE ALARM   | _                                    | e.                |
| FIRE ALARM<br>MAIN CONTROL PANEL CENTRAL PROCESSING<br>UNIT (CPU)  | SHE' TO<br>TOP                       | FACIP             |
| PULL STATION : DOUBLE ACTION   | 46" TO<br>LEVER                      | 1                 |
| AUDIOVISUAL NOTIFICATION APPLIANCE   | WALL CLG                             | FA                |
| AUDIO-CHLY HOTIFICATION APPLIANCE  | WALL, CLO                            | A4                |
| VISUAL ONLY HOTIFICATION APPLIANCE   | WALL CLG                             |                   |
| PHOTO-ELECTRIC SMOKE DETECTOR PROJECTED REAM SMOKE DETECTOR, EVATTER   | cre.                                 | 195               |
| PROJECTED BEAM SMOKE DETECTOR, EMITTER HEAT DETECTOR   | 0.0                                  | (BE) , I          |
| CARBON MONOXIDE DUCT DETECTOR  | ABVCLG                               | CD                |
| DOOR HOLDER : WALL TYPE  | WALL                                 | DH)               |
| DOOR HOLDER : CLOSURE TYPE<br>DUCT SMOKE DETECTOR  | ABV DOOR                             | OH:               |
| DUCT SMOKE DETECTOR CONNECTION TO SPIENNALER TAMPER  | ABVICLG                              | (OC)              |
| COMMICCION TO SPRINGER TAMPER SINISCI WITH ADDRESS AND ASSOCIATION REMOTE L.C.D. FIRE ALARM ANNUHIZATION   | 54"                                  | (FAA              |
| POWER SUPPLY/CONTROL FOR AUDIO/MBUAL DEVICES   | 46"                                  | NAC               |
| TRAHSPONDER CABINET  | 46"                                  | TRAN              |
| FIRE ALARM CONTROL EXTENDER  |                                      | EXT               |
| IBOLATION MODULE<br>ZONE ADDRESSANLE MODULE  | WALL                                 | 2                 |
| H.V.A.C, BMOKE DAMPER CONNECTION   |                                      | SM                |
| ACADC BRADE C ORL AV MONA C  |                                      | R                 |
| INDICATES VANDAL/PROOF POLYCARBONATE COVER<br>VANDAL PROOF COVERS SHALL BE LIL LISTED FOR USE<br>WITH THE SPECIFIC DEVICE THEY ARE PROTECTING<br>INDICATES CHMIC AUDISLE NOTIFICATION  |                                      | PC<br>CH          |
|  |                                      | EL                |
| DEVICE USED FOR ELEVATOR CONTROL KEYED, LICKERS PILL, BYATION -DOUBLE ACTION STATION SHALL CREY BE OPERABLE VIA KEY IN POSSESSION OF STAFF   | 45" TO<br>LEVIER                     | E                 |
| BELL/LIGHT<br>BELL ONLY  | 90"                                  | 8                 |
| PHOTO-ELECTRIC SMOKE DETECTOR FOR  | 010                                  | 8DP               |
| SELL ONLY PHOTO-ELECTRIC SMOKE DETECTOR FOR PATIENT ROOM MONTORNO (SEE RIGHER, CARRION MONTORIO, ALARMA SHICK BILATION WISCAMICE BLASE CARRION MONOXIDE ARXIOVIRBUAL NOTIFICATION APPLIANCE  | 0.0                                  | EM.               |
| WISHAMULK BASE CARBON MONOXIDE AUDIOPHEUAL NOTIFICATION  | WALL                                 | in                |
| APPLIANCE POST INDICATOR VALVE   |                                      | PN                |
|  |                                      | COT               |
|  | - 0                                  |                   |
| POST HORCATOR VALVE  GRAPHICE DESPLAY TERMINAL.  FLUSH MOUNTED REMOTE ALARMINOIDATING STATIONITES SHITCH  PREMANE PHONE ACC.   | zur<br>eur                           | R                 |

|  |  | MOUNTING HEIGHT<br>(TO CENTER OF BO | STABOL.        |
|--|--|-------------------------------------|----------------|
| LIGHTING   |  | i i €                               | 56             |
| REFER TO LUMBIA RE SCHE<br>SPECIFICATIONS, MOUNTS  | OULE FOR EXACT FIXTUR                            | PE                                  |                |
| SPECIFICATIONS MOUNTN  | G HEKBITIS, ETC<br>DELING POTURE (BLABH          | -                                   | 0.0            |
| SURFACE OR SUSPENDED I<br>MERCATES PECESSED;   |  |                                     | 告;             |
| POLE MOUNTED AREA LIGH   | 1  |                                     | Ų.Ÿ            |
| WALL MOUNT FIXTURE FLOODUIGHT  |  |                                     | ₩.Ю            |
| EXIT LIGHT (CERLING, END,  | ALALI ARDIRAN                                    | _                                   | 4              |
| BTD GOVERN   | WALL MOUNT)                                      | -                                   | 99             |
| BTRP FIXTURE  CR. 14 14ND BNDCAT FROM THE EMERGENCY-CR POWERED FROM THE EMER BRANCH  | I LIMITIS POWERED                                | _                                   | 503            |
| FROM THE EMPRGENCY-CR  | HTELL BRANCH                                     | +                                   | _              |
| POWERED FROM THE EMER<br>BRANCH  | RGENCY-LIFE SAFETY                               |                                     | 0.00           |
| EMERGENCY BATTERY WAS  | LPACK  |                                     | 13             |
| SURGICAL/EXAM LIGHT  |  |                                     | (Oa            |
| MISCELLANEOUS<br>CONDUIT CONCEALED IN W  | ALLE OR IN CEILING                               | -                                   | L'as           |
| MISCELLAMEOUS CONDUST CONCEALED IN W SPACE ARROWIS) INDICAT OF CARGUSTS: HASHIMANUS CONDUSTORS. DASHIED LIN CONDUST SELOW FLOOR DISCONNECT SWITCH  | E(S) HOME RUN & #<br>INDIGATE # OF               |                                     | -7.            |
| CONDUCTORS, DASHED LIN<br>CONDUCT RELOW FLOOR  | E INDICATES                                      |                                     | 1              |
| DISCONNECT SWITCH  |  | 2-0°                                |                |
| MAGNETIC STARTER<br>MAGNETIC COMBINATION 9   | TARTER   | 5-0"                                | 83             |
| VARIABLE FREQUENCY OR  | VE   | 8.0                                 | BB             |
| ENCLOSED PLUBH MTD. CIF  | CUIT SREAKER                                     | 5-0                                 | <b>=</b>       |
| PUSHBUTTON STATION<br>FLEXIBLE CONDUST   |  | 48"                                 | 0              |
| PANELBOARD, SURFACE OF<br>HATCHING PRINCATES EINE  | R FLUSH MOUNTED.                                 | 6'4F TO TOP                         | -              |
| TRANSFORMER  | ROENCY   | AS NOTED                            | 08             |
| EQUIPMENT TAG, REFER TO  | GOLIPMENT SCHEDULE                               |                                     | EDUM           |
| TAGGED NOTE  |  |                                     | EOL/III        |
| REVISION TAG<br>MECHANICAL EQUIPMENT   | DESIGNATOR                                       | _                                   | Δ,             |
| MECHANICAL EQUIPMENT (<br>INF MECH SCHEDULE)<br>WIRE BASKET CABLE TRAY   | SUZE AS NOTED                                    | AS SHOW                             | 2000           |
| LADDER CABLE TRAY, SIZE  | AS NOTED   | AS SHOWN<br>AS SHOWN                | 111            |
| SOUD BOTTOM GABLE TRA  | Y. BIZE AS NOTED                                 | AS SHOWN                            |                |
| LOW VOLTAGE CASLE PATE   | н  |                                     | am             |
| EOVIPMENT HARDWIRE CO<br>MOTOR CONNECTION, REP<br>CONNECTION SCHEDULE<br>WHECOLURG, PROVIDE MA<br>SPECIFIC GLARD FOR THE<br>WEATHERPROOF, HELLS,<br>PROVIDE DOVERS, RATHOLOUTDOORS<br>PROVIDE STATES EMERGENCY PE  | ER TO EDUPMENT                                   | _                                   | 0              |
| CONNECTION SCHEDULE  | ALMACT METER                                     |                                     | ₩0             |
| SPECIFIC GUARD FOR DELL<br>WEATHERPROOF - NEWAS  | E MOTED<br>R. WET LOCATION USTED                 | 5.                                  |                |
| PROVIDE DOVERS, RATING<br>OUTDOORS   | 6 ETC, AS SUITABLE FOR                           | *                                   | WP             |
| PIDICATES EMERGENCY PI   | OWER   | 40                                  | EEM            |
| GENERATOR ANNUNCIATO<br>SPECIFICATIONS   | R PANEL - SEE                                    | 44"                                 | GEN.A          |
| THERMOSTAT PROVIDED E<br>CONTRACTOR, ELECTRICA<br>PROVIDE BACK-BOX, COND<br>HECHANICAL DRAWINGS  | Y MECHANICAL<br>L CONTRACTOR SHALL               |                                     |                |
| PROVIDE BACK-BOX COND<br>RECHARICAL DRAWINGS   | OR LOCATIONS                                     |                                     | 0              |
| CONDUITUR  |  |                                     |                |
| CONDUIT DOWN   | A ATEC STANDONS                                  | 2-0                                 | •              |
| CROUND BUS BAR ON INS<br>BOX ON ANY DEVICE IN<br>BACK ON ANY DEVICE IN<br>EXPRISE UP T<br>WARPWAY WITH REMOVAN   | ATES SURFACE MOUNTE                              | 0                                   | 10-            |
| CIRCLE ON ANY DEVICE IN  | OKATES DEVICE FED FR                             | ОМ                                  |                |
| WATERWAY WITH REMOVAN  | LE COVER (SIZE AS NOTE                           | O) AS SHOWN<br>AS SHOWN             | 2222<br>250    |
| TRENCH DUGT (8)ZE AS NO  | OTED)  | AS SHOWN                            |                |
| COMPLETE WITH TRANSFO  | HOUNT ABOVE                                      |                                     | DE             |
| ACCESSORIES POWER FR   | OM NEAREST AVAILABLE                             | 48*                                 | 100            |
| NUTONE OR FOUND  | TENNE NECEPHOLE CAN                              |                                     |                |
| CONNECTION TO PUBLISHED  | TON STATION IN AREA                              | 7:6*                                | [06]C          |
| ETC.) DESIRED WITH OWN   | ENARCHITECT, NUTONE                              | OR                                  | -              |
| KITCHEN EQUIPMENT OUT  | LET COUPLING                                     |                                     | Ø <sub>K</sub> |
| MORCATES MOUNTING ABO  | WE COUNTER TOP                                   | _                                   | c K            |
| EXPLOSION PROOF - PROV   | 70E WIRING METHODS,                              | _                                   | XP             |
| HAZARDOUS LOCATION   | - AJ BUTTABLE FOR                                |                                     | 1              |
| SENSOR CONNECTION CO   | DORDHATE EXACT                                   |                                     | -0-            |
| THE PER CONSTITUTE OF THE STATE | TRIC EYE TRANSFORMER                             | en.                                 | 1              |
| MOUNT ABOVE SUSPENDI   | WE'N BHALL BE 120V-24V.<br>ED ACCESSIBLE CEILING | H J-                                | 0              |
| TYPE ASAF NEEDED   | INAMES OF SU                                     | ural .                              | 1              |
|  | HAND DRYER (SEE<br>CATIONS)                      | HICHTECT                            | 1 00           |
| SURGE PROTECTION DEVI  | CE   |                                     | 300            |
| BUS DUCT, AMPERAGES A<br>BPECIAL DUYLEYS   | IS NOTED   | AB SHOWN                            | -              |
|  |  | FLOOR                               | 100            |
| PLOORBOX, COMBINATION<br>VOLTAGE, REFER TO FLOOR   | POWER AND LOW<br>DREDX SCHEDULE                  | FLOOR                               | 100            |
| FLOORBOX, POWER ONLY FLOORBOX, COMBNATION VOLTAGE, REFER TO PLOY FIRE RATED POWER THOUGH EXACT COVER REQUIREM FINISHES, DEVICES AS SO AUDIOVISUAL SYSTEM ON ACCEPTACLE REFER TO ADDITIONAL BY ORNATION   | H FLOOR BOX, COORDIN                             | ATE FLOOR                           | 0              |
| FINISHES, DEVICES AS 30  | HEDULED  |                                     | 200            |
| RECEPTACLE REFER TO  | ASSOCIATED DETAIL FOR                            | 11-8*                               | 1O             |
| COMBINATION POWER AN   | D DATA DUTLET LOCATIO                            | N.                                  | +              |
| COMBRATION POWER AN<br>REFER TO ASSOCIATED D<br>INFORMATION  | ETAIL FOR ADDITIONAL                             | 1141                                | 10             |
| OFCI DUPLEX RECEPTACE  | D DATA DUTLET LOCATIO<br>E. REPER TO ASSOCIATE   | N. 1141                             | 10             |
|  | NEORINATION<br>PROVIDE DUPLEX                    | -                                   | -              |
| OWERHEAD PROJECTOR   |  | CLO                                 | (0)            |
| OVERHEAD PROJECTION IN<br>RECEPTAGLE, ONE DATA.  | HATEL  | 1.000                               |                |
| SECRETATION POWER AN<br>OFCI DUPLEY RECEPTACE<br>DETAIL FOR ADDITIONAL I<br>OVERHEAD PROJECTION:<br>RECEPTACIE: ONE DATA<br>RECEPTACIE: ONE DATA   |  |                                     | 1 .            |
| OVERHEAD PROJECTION: PECEPTACIE ONE DATA STREET SYSTEM FRE ALARM "INSERT EXISTING MANUFACTURER!  | COMPANY  "NSERT COMPANY NAME"                    | CONTACT<br>INSERT NAM<br>PHONE NUMB | 1              |

HT BOX)

| DESCRIPTION   | иопити<br>по сем      | DRAWING<br>SYMBOL |
|---|-----------------------|-------------------|
| ABBREVIATIONS   |                       | _                 |
| LINLESS OTHERWISE NOTED   |                       | UON               |
| OWNER FURNISHED CONTRACTOR INSTALLED  |                       | OFC               |
| OWNER FURNISHED OWNER INSTALLED   |                       | OFOI              |
| CONTRACTOR FURNISHED CONTRACTOR ANTALLED  |                       | CFCI              |
| CONTRACTOR FURNISHED OWNER INSTALLED  |                       | CFOI              |
| NOICATES EMERGENCY POWER  |                       | FM                |
| DATA / VOICE  |                       |                   |
| DATA CUTLET: NUMBER BESIDE OUTLET   | 1-6"                  | 7 ₩               |
| DATA OUTLET - NUMBER BESIDE OUTLET<br>INDICATES NUMBER OF DATA JACKS<br>VOICE OUTLET - HUMBER BESIDE OUTLET<br>INDICATES MUMBER OF VOICE JACKS  | 5'4"                  | ě.                |
| INDICATES MUMBER OF VOICE JACKS   | 146                   | ₩                 |
| COMBINATION OUTLET NUMBER BESIDE DUTLET<br>WORKAYES MUMBER OF DATAVOICE JACKS   | 1145                  | V                 |
| MAIN DISTRIBUTION FRAME - REFERENCE DATA<br>SYSTEM SCHEMATICS AND DETAILS FOR ADDITIONAL<br>RECOMMENDATION  |                       | MOF               |
| INTERMEDIATE DISTRIBUTION FRAME - REFERENCE<br>DATA SYSTEM SCHEMATICS AND DETAILS FOR<br>ADDITIONAL REQUIREMENTS  |                       | DOF)              |
| ADDITIONAL REQUIREMENTS   |                       | _                 |
| WRELESS ACCESS POINT WITH PROVISIONS FOR (1<br>DATA OUTLET FOR ANTERNA, PROVIDE A COMPLETE<br>DATA OUTLET WITH FACEPLATE ABOVE CESSING,<br>WOUNTED AT AN ACCESSING HEIGHT NO MORE THAN<br>A MOVE CESSING AT EACH OUTLET, PROVIDE A 29<br>COL OF CAILE SHEAD OF THE OUTLET FOR<br>ADJUSTMENT OF PRAS, OUTLET LOCATION THE! |                       | WAP               |
| ADJUSTMENT OF PAAL OUTLET LOCATION THE CONTRACTION SHALL COORDINATE ELUCT LOCATIONS AND MUST OUTLET LOCATIONS AT BUSSTAVITAL COMPLETION TO ACCOMMODATE. OWNERS WAS ARE OWNER. FURNISHED, DWINER-WISTALLED.  |                       |                   |
| CLOCKS  |                       |                   |
| YHYTOG CFOCK  | 84"                   | _ @               |
| SECURITY CCTV VIDEO SURVEILLANCE  |                       |                   |
| REMOTE DOOR RELEASE PUSHBUTTON  | 8" ACT                | RIR               |
| CCTV CAMERA: CIERLING WOUNT DOME  | CLG                   | 6                 |
| CCTV CAMERA: WALL MOUNT DOME  | WALL                  | <b>⊚</b> •        |
| INDICATES EXTERIOR CAMPRA RATED FOR<br>CONDITIONS, WET LOCATION LISTED, WITH<br>AUX LLARY HEATER  |                       | WP                |
| INDICATES CAMERA WITH PANTIL T/ZOOM FUNCTION  |                       | PTZ               |
| CCTV POWER SUPPLIES/CONTROL PAREL   | 46"                   | SEC-C             |
| OVERHEAD PAGING   |                       |                   |
| PAGING BPFAKER: CEILING   | CLG                   | (\$>              |
| PACING BPEAKER: WALL  | Ker                   | 10                |
| RECESSED WALL MOUNTED PACING SPEAKER  | 8.0                   |                   |
| RECESSED WALL MOUNTED PAGING SPEAKER<br>DUKANE SASSE SPEAKER ATLAS 417-8WD  | ***                   | ⊢�,               |
| VANDAL PROOF/WEATHERPROOFWALL<br>MOUNTED PAGING SPEAKER QUAMVP!   | SEE<br>FLOOR<br>PLANS | H3                |
| EXTERIOR VANOAL PROOF / WEATHERPROOF WALL MOUNTED PAGING SPEAKER, SHALL BE PARTED COLOR SELECTED BY ARCHITECTIONNIER QUAMINES   | BEE<br>FLOOR<br>PLANS | H® <sub>E</sub>   |
| GALL INITIATION STATION   | 45.                   | 10                |
| PAGINS MICROPHONE   | 11-5"                 | (W)               |
| PAGING SYSTEM AMPLIFICATIONER CASINET   | 45"                   | PA                |
| TELEVEION   |                       |                   |
| TELEVISION SPLITTERS/AMPLIFIERS/DISTRIBUTION  | 4:0"                  | TV-HE             |
| THE EVIDION BYSTEM OUTLET WITH DUPLEX<br>RECEPTACLS, COORDINATE LOCATION WITH WALL<br>BANCKET WHERE APPLICABLE  | 7-0"                  | Ю,                |
| CLASSROOM AV EQUIPMENT  |                       | 1                 |
| CEILING MOUNTED PROJECTOR   |                       | +60               |
| AV SYSTEM CABLING TERMINATIONS / WALLPLATE  |                       | HOW               |
| CLASSROOM PROJECTOR SPEAKER   | 1                     | 160               |
| SMARTBOARD  | _                     |                   |
|   |                       | P 98              |
|   |                       |                   |
| SMAP REGARD WITH INTEGRAL PROJECTOR  CART (CELING / WALL PROJECTOR (AS NOTED)   |                       | P                 |

|         | Olices mas micesilesi                         |
|---------|---|
| SHEET & | SHEET NAME                                    |
| E000    | ELECTRICAL LEGEND                             |
| EU100   | ELECTRICAL SITE UTILITY PLAN                  |
| E100    | BASEMENT ELECTRICAL DEMOLITION PLAN           |
| E101    | FIRST FLOOR ELECTRICAL DEMOLITION - OVERALL   |
| E101A   | FIRST FLOOR ELECTRICAL DENOLITION - AREA A    |
| E1018   | PERSY PLOOR ELECTRICAL DEMOLITION - AREA B    |
| EI01C   | FIRST PLOOR ELECTRICAL DENCALTEDY - AREA (    |
| E102    | SECOND FLOOR ELECTRICAL DEMOLITION - OVERALL  |
| E1028   | SECOND FLOOR SLECTRICAL DEMOLITION - AREA 8   |
| E102C   | SECOND PLOOR ELECTRICAL DEMOLITION - AREA C   |
| E103    | ROOF ELECTRICAL DEHOLITION PLAN               |
| E200    | BASEMENT ELECTRICAL POWER PLAN                |
| E201    | FIRST FLOOR BLECTRICAL POWER PLAN - OVERALL   |
| E201A   | FIRST FLOOR ELECTRICAL POWER PLAN - AREA A    |
| E2018   | FIRST PLOOR ELECTRICAL POWER PLAN - AREA 8    |
| E201C   | FIRST PLOOR ELECTRICAL POWER PLAN - AREA C    |
| E202    | SECOND FLOOR ELECTRICAL POWER PLAN - OVERALI  |
| E2028   | SECOND PLOOR ELECTRICAL POWER PLAN - AREA B   |
| E202C   | SECOND FLOOR ELECTRICAL POWER PLAN - AREA O   |
| E203    | ROOF ELECTRICAL POWER PLAN                    |
| E203A   | ROOF ELECTRICAL POWER PLAN - AREA A           |
| E2038   | ROOF ELECTRICAL POWER PLAN - AREA B           |
| E203C   | ROOF ELECTRICAL POWER PLAN - AREA C           |
| E300    | BASEMENT ELECTRICAL LIGHTING PLAN             |
| Film    | FIRST FLOOR ELECTRICAL LIGHTING PLAN - OVERAL |
| EBILA   | FIRST FLOOR ELECTRICAL LIGHTING PLAN - AREA A |
| EBILS   | FIRST PLOOR ELECTRICAL LIGHTING PLAN - AREA B |
| #301C   | FIRST FLOOR ELECTRICAL LIGHTING PLAN - AREA C |
| £382    | SECOND FLOOR ELECTRICAL LIGHTING PLAN - OVERA |
| 13033   | SECOND FLOOR ELECTRICAL LIGHTING PLAN - AREA  |
| EBRIC   | SECOND FLOOR ELECTRICAL LIGHTING PLAN - AREA  |
| ExitD   | EMARSED ELECTRICAL PLANS                      |
| 6401    | ENLARGED ELECTRICAL PLANS                     |
| 6500    | ELECTRICAL SINGLE LINE                        |
| 8600    | ELECTRICAL DETAILS                            |
| 8667    | ELECTRICAL DETAILS                            |
| EM0     | ELECTRICAL PANEL SCHEDULES                    |
| 6701    | ELECTRICAL PANEL SCHEDULES                    |
| #202    | ELECTRICAL PANEL SCHEDULES                    |

| SYSTEM RESPONSIBILITY MATRIX     | ITEM USED ON PROJECT | DEWOES-DFOI | DEWCES-DFC) | DEMCES. C.F.C.I | CABLING! CONDUCTORS-OF 01 | CABLING / CONDUCTORS - O F C I | CABLING J CONDUCTORS - C F C I | CONDUTT ROUGHON- D F O P | CONDUIT/ROLGHIN-CFCI | COMPLET/ ROUGH-IN-CFC! | PROGRAMMING / BETUP - O F O 1 | PROGRAMMING/ SETUP - OF CI | DOCUMENTAL SETTING - F E C. |
|----------------------------------|----------------------|-------------|-------------|-----------------|---------------------------|--------------------------------|--------------------------------|--------------------------|----------------------|------------------------|-------------------------------|----------------------------|-----------------------------|
| ELEVATOR RECALL SYSTEM           |                      |             |             | Г               |                           |                                |                                | Г                        |                      |                        | Ť                             |                            | r                           |
| NURSE CALL                       | Г                    | Т           | Г           | Т               | Г                         | П                              | Г                              | Г                        | Г                    | П                      | Т                             | Г                          | Г                           |
| OVERHEAD PAGING                  | Г                    | Т           | Г           | П               | 10                        | П                              | Г                              | П                        | Г                    |                        | Г                             |                            | r                           |
| FIRE ALARM                       | Т                    | Т           | Т           | Т               | 1                         | П                              | П                              | П                        | Г                    | Г                      | Г                             | Г                          | r                           |
| SECURITY, PANIC ALARM            | Ħ                    | t           | Ħ           | Ħ               | Ħ                         | Ħ                              |                                | Т                        | t                    | Ħ                      | t                             | t                          | t                           |
| SECURITY: ACCESS CONTROL         | Г                    | T           | Ħ           | T               | Г                         | Т                              |                                | Г                        | Г                    | r                      | Т                             | Ħ                          | t                           |
| MIDURITY INTERCOM                |                      | Г           |             |                 | П                         |                                |                                |                          |                      | П                      | П                             | Г                          | Г                           |
| SECURITY, DCTV                   |                      |             |             | П               |                           |                                |                                |                          |                      |                        |                               |                            | Γ                           |
| TELEVISION                       |                      |             | Г           | П               |                           |                                |                                |                          | П                    | Г                      | Г                             | Г                          | Г                           |
| DATA PROCESSING                  | Г                    | Г           | Г           | П               |                           | Г                              | Г                              | Г                        | Г                    | П                      | Г                             |                            | Г                           |
| TELEPHONE                        | П                    | Г           | Г           | Г               | Г                         | Г                              | Г                              | Г                        | Г                    | Г                      | Г                             | Г                          | Г                           |
| PATIENT ROOM MOTION DETECTION    |                      | Г           | Г           |                 | Г                         | Г                              | Г                              |                          | Г                    | Г                      | Г                             | Г                          | Г                           |
| LOCAL SOUND                      | Г                    | Г           | Г           | П               | Г                         | П                              | Г                              | Г                        | Г                    | Г                      |                               | Г                          | Г                           |
| TELEMETRY                        |                      | Π           | Г           |                 |                           |                                |                                |                          |                      | П                      | Г                             | Г                          | Ε                           |
| RF TRACKER                       | Г                    | Г           | Г           | Г               | Г                         |                                | Г                              | П                        | Г                    | Г                      | Г                             | Г                          | Γ                           |
| PATIENT DOOR TOP LIGATURE ALARM  | Г                    | Г           | Г           |                 | Г                         | П                              |                                | Г                        | П                    | Г                      | Г                             | Г                          | Γ                           |
| RADIOLOGY EQUIPMENT              | Г                    | Г           | Г           | Г               | Г                         | Г                              | Г                              | Г                        | Г                    | Г                      | Г                             | Г                          | Г                           |
| SECURITY INTRUSION DEFECTION     | Г                    | Г           | Г           | Г               | Г                         | Г                              | Г                              | Г                        | П                    | Г                      | Г                             | Г                          | Γ                           |
| PHYSIOLOGICAL/TELE WETRY MONITOR | Г                    | Г           | Г           | Г               | П                         | Г                              | Г                              |                          | П                    | Г                      | Г                             | Г                          | Γ                           |
| STRUCTURED CABLING               | Г                    | Г           | Г           |                 |                           |                                |                                |                          | П                    | Г                      |                               |                            | Γ                           |
| DATA RACKS, PATCH PANELS         | Г                    | Г           | Г           | Г               | Г                         | Г                              | Г                              | Г                        | Г                    | П                      | Г                             | Г                          | Π                           |
| MEDICAL DAS ALARM WIRING         | Г                    | Г           | Г           | Г               | Г                         | Г                              | Г                              |                          | Г                    | Г                      | Г                             | Г                          | Ι                           |
| BAS - BUILDING MANAGEMENT SYSTEM | Γ                    | Г           | Г           | Π               |                           | Г                              | П                              |                          | Γ                    | Г                      | Г                             |                            | Γ                           |
| EV CHARGING AND PARKING SOUPMENT | П                    | Т           | Г           | Ι"              | L                         | Ι.                             | Г                              | г                        | П                    | Г                      | U                             | Г                          | Г                           |

INCLUDIO CIG. NO. COME EMPOREMENT, NETALLATION, CRONGLOW, TETRIC.

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| DEVICE COLOR<br>MATRIX   |       |       |     |       |      |        | STEEL           | l |
|--|-------|-------|-----|-------|------|--------|-----------------|---|
| DEVICE   | WHITE | IVORY | RED | BLACK | BLUE | YELLOW | STAIMLESS STEEL |   |
| THERMOSTATE (COORDINATE WITH HWAC TYPICALLY NO COLOR DIFTIONS) | Г     | Г     | Г   |       | Г    |        |                 | 4 |
| RECEPTACLE (NORMAL)  | П     | Г     | -   |       | П    |        | -               | Г |
| RECEPTACLE (EWERGENCY)   | -     | H     | Г   | П     | П    | П      | -               | ľ |
| RECEPTACLE UNFINSHED AREAS (NORMAL)                            |       |       | П   | П     | П    |        | П               | T |
| RPE ALARH DEVICES - WALL                                       |       | F     | П   | -     | -    | -      | -               | F |
| FIRE ALARM DEVICES - CEILING                                   |       | F     | П   | -     | Н    | Н      | F               | Ħ |
| WALL SWITCHES  |       | Г     |     |       | П    |        | H               | Г |
| VOICE / DATA DEVICES   | Г     | Г     | Г   | П     | П    | Г      | П               | r |
| CELING OCCUPANCY SENSORS                                       | Г     | Г     | Е   | П     | F    | E      | П               | Г |
| CEILING SPEAKERS   | П     |       | Н   | г     | -    | F      | F               | Г |
| DEVICE COVERPLATES   | П     | Г     | Г   | Г     |      | Г      | П               | T |
| DEVICE COVERPLARES (BACK OF HOUSE)                             | П     | Г     | Г   | Г     | П    |        | Г               | T |
| GENERATOR HOUSING  | г     | Г     | Г   | г     |      | П      |                 | ľ |
| OTHER  | т     |       |     | т     |      |        | т               | f |

DEVICE COLOR DEHERAL NOTES:
A. DEVICE PLATE TO MATCH DEVICE LINLESS NOTED OTHERWISE
B. NOT ALL DEVICES MATCH DES DITHAT ARE SHOWN
C. IF DEVICE COLOR NOT DEFAILED REFER TO BRECIFICATIONS

| SYSTEM                      | COMPANY           | CONTACT                           |
|-----------------------------|-------------------|-----------------------------------|
| MURSE CALL                  | [COMPANY<br>NAME] | [CONTACT NAME]<br>[CONTACT PHONE] |
| OVERHEAD PAGING             | (COMPANY<br>NAME) | [CONTACT NAME]                    |
| FIRE ALARM                  | (COMPANY<br>NAME) | CONTACT NAME                      |
| BECURITY PANIC<br>ALARM     | (COMPANY<br>NAME) | [CONTACT HAME]                    |
| SECURITY: ACCESS<br>CONTROL | COMPANY<br>NAME   | CONTACT NAME!                     |
| MEGURITY, INTERCOM          | (COMPANY<br>NAME) | (CONTACT NAME)                    |
| SECURITY, CCTV              | (COMPANY          | CONTACT NAME                      |
| TELEVISION                  | [COMPANY          | CONTACT NAME                      |

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| SYSTEM                      | COMPANY           | CONTACT        |  |  |  |
|-----------------------------|-------------------|----------------|--|--|--|
| MURSE CALL                  | [COMPANY          | [CONTACT NAME] |  |  |  |
| OVERHEAD PAGING             | (COMPANY<br>NAME) | [CONTACT NAME] |  |  |  |
| FIRE ALARM                  | (COMPANY<br>NAME) | (CONTACT NAME) |  |  |  |
| BECURITY PANIC<br>ALARM     | (COMPANY<br>NAME) | (CONTACT HAME) |  |  |  |
| SECURITY: ADDESS<br>CONTROL | COMPANY<br>NAME   | CONTACT NAME!  |  |  |  |
| SECURITY INTERCOM           | (COMPANY<br>NAME) | (CONTACT NAME) |  |  |  |
| SECURITY CCTV               | (COMPANY          | CONTACT NAME   |  |  |  |
| TELEVISION                  | (COMPANY          | CONTACT NAME   |  |  |  |

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CONSTRUCTION

Project Elementary State, Zip Renovation - Kenton | Example KCSD . Project

NO. DESCRIPTION

**ELECTRICAL LEGEND** 

2025-012

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#### GENERAL REQUIREMENTS:

#### GENERAL ROUGH-IN AND CABLING PATHWAY REQUIREMENTS:

- SENERAL ROUGHIN AND CABLING PATHWAY REQUIREMENTS:

  PROVICE ANAMYS FOR MAY TESCHMISCANDER, CARRY WAS DESCRIPT WITCHES CABLING, REFER TO SPECEFATIONS FOR ADMINISTRATIONS, DOUBLE-MANNING FOR ADMINISTRATION OF DISTALLATION, WHERE CONCINT AS SPECEFATIONS FOR ADMINISTRATION OF DISTALLATION, WHERE CONCINT AS SPECEFATION AS SPECEFATIONS FOR ADMINISTRATION OF DISTALLATION, WHERE CONCINT AS SPECEFATION OF A MACCESSIBLE CELLING CANTY WITHIN THE WASCEST CONCINTOR. THE PROMETING THE WASCEST CONCINTOR OF THE PROMETING THE WASCEST CONCINTOR OF THE PROMETING THE WASCEST CONCINTOR. THE WASCEST CONCINTOR OF THE PROMETING THE WASCEST CONCINTOR OF THE PROMETING THE WASCEST CONCINTOR. THE WASCEST CONCINTOR OF THE PROMETING THE WASCEST CONCINTOR OF THE PROMETING THE WASCEST CONCINTOR. THE PROMETING THE WASCEST CONCINTOR OF THE PROMETING THE WASCEST C
- WHERE COME THAN TO LEGISLED WITH THE LOOKED TO SECURE TO THE WALLS ARRORD CELLING, COORDINATE WITH A LITHOUGH TO ENJURE APPROPRIAL BYFACE HAS BEEN ALLOWED.

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#### GENERAL CABLING REQUIREMENTS:

- CALLE CHAINS (COLDISIDENTS):

  A. ALL COME SHALL SE RATIO OF THE SHAMOWED'S IN WHICH IT IS RESTALLED FER NECK REQUIRED.

  A. ALL COMES SHALL SE RATIO OF THE SHAMOWED'S IN WHICH IS RESTALLED FOR NECK REQUIRED.

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| MEREVIATIONS                                  |      |
|---|------|
| LESS OTHERWISE HOTED                          | UON  |
| OWNER PURMISHED CONTRACTOR INSTALLED          | OFCI |
| OWNER FLIRMBHED OWNER INSTALLED               | DFO  |
| CONTRACTOR FURNISHED CONTRACTOR INSTALLED     | CFCI |
| CONTRACTOR FURNISHED OWNER INSTALLED          | CFO  |
| ASOVE FINISHED FLOOR                          | AFF  |
| ABOVE FINISHED GRADE                          | AFG  |
| SEILING MOUNTED DEVICE                        | CLB  |
| FLOOR MOUNTED DEVICE                          | FLR  |
| COUNTER HEIGHT                                | CH   |
| TO ABOVE ACCESSIBLE CELING                    | TAAC |
| TO ABOVE ACCESSIBLE HALLWAY / CORIDOR CEILING | TAHO |
| WRE OUARD                                     | wo   |
| WEATHER PROOF EQUIPMENT / POTURE / DEVICE     | WP   |
| CABLE WITH BRAKKED AND/OR POIL SHELD          | \$11 |
| III.OW FINISHED CEILING                       | 8PC  |
| FURNISHED AND INSTALLED BY OTHERS             | F80  |

#### CARLE AND COMPUTE COLOR COMPANIE

| SYSTEM           | CABLE COLOR | JACK INSERT |  |
|------------------|-------------|-------------|--|
| DATA             | tus         | BUJE        |  |
| WAP              | CREEN       | CALFEN      |  |
| SECURITY         | PURPLE      | PURPLE      |  |
| SECURITY CAMERAS | YELLOW      | YELLOW      |  |

#### LEGEND GENERAL NOTES:

- BASE SYMBOLS ARE USED TO REFERENCE THE FLOOR PLAN LOCATION AND PROPER ROUGHAN
- CABLING REQUIREMENTS. INBIGNIS FINOWIN BY THE LEGENO ARE TYPICAL AND SHALL BE CONSIDERED "UNLESS ERWISE NOTED" (UON). SPECIFIC DIMENSIONS INDICATED ON THE FLOOR PLAN SHALL OTHERWISE NOTED (UON). SPECIFIC DIMENSIONS INDICA: SUPERCEDE THE TYPICAL. DIMENSIONS SHALL SE TO CENTER OF BOX / DEVICE UON.

| SYMBOL           | DESCRIPTION   |                                    | DEFAULT   |   |               | TYPE/OUANTII |                                   | MISCELLANEOUS NOTES  |
|------------------|---|------------------------------------|---|---|---------------|--------------|-----------------------------------|--|
|                  | DATA OUTLIET: NUMBER INDICATES QUANTITY OF DATA JACKS AND   | 18" AFF UON                        | 4"x4" BOX<br>WITH 1 GANG                          | PATHWAY TYPE/SIZE  1" CONDUIT TAAC            | TYPE<br>CAT 6 | QUANTITY     | MINIMUM (1)                       | PROVIDE (1) DEVICE GANG AND CONDUIT PATHWAY FOR EACH SET OF 4 CABLES,  |
| ₽₽u              | CABLES, BAS = BUILDING AUTOMATION SYSTEMS OUTLET, SEC =<br>SECURITY SYSTEMS OUTLET,<br>DATA OUTLET WITH LOCAL INPUT; NUMBER INDICATES QUANTITY OF DATA  | 18" AFF UON                        | OEVICE<br>ANATROX                                 | (2)1 1/4" CONDUIT TAAC                        | CAT 6         | (1),         | *MINIMUM (1)                      | PATHWAY FOR EACH SET OF 4 CABLES,  |
| ₩.<br>1610       | JACKS AND CABLES, ROUTE (N) CONDUST THAC, ROUTE THE OTHER CONDUST TO THE LOCAL FLAT PANEL OUTLET IN THE SAME SPACE. DATA OUTLET WITH LOCAL OUTPUT, NUMBER INDICATES QUANTITY OF DATA JACKS AND CABLES, ROUTE (1) CONDUST TAG                | 16" AFF UON                        | WITH 2 GANG<br>DEVICE<br>4's4" BOX<br>WITH 2 GANG | (2) 1 1/4* CONDUIT TAAC                       | CATE          | (1)*         | OATA  *MBRIMUM (1) DATA           |  |
|                  | CONDUIT TO THE LOCAL INPUT OUTLET IN THE SAME SPACE.  VOICE OUTLET: NUMBER INDICATES QUANTITY OF VOICE JACKS AND CASLES, W = WALL PHONE OUTLET AT 45' AFF. FACP = TIRE ALARM  |                                    | DEVICE<br>4"x4" BOX<br>WITH 1 GANG                |   |               |              | 'MINIMUM (1)                      | PROVIDE ALDERICE GING AND CONDUIT  |
| ₩.               | CASLES, W = WALL PHONE OUTLET AT 48" AFF, FACP = RRE ALARM CONTROL PANEL OUTLET, ELEV = ELEVATOR PHONE OUTLET. WRELESS ACCESS POINT, PROVIDE OATA OUTLET AT OR AGOVE CERING, MOUNTED AT AN ACCESSIBLE HEIGHT NO MORE THAN 24" ABOVE CERING. | 18" AFF UON                        | DEVICE<br>4"x4" BOX<br>WITH 1 GANG                | 1" CONDUIT TAAC 1" CONDUIT TAAC WHERE         | CATE          | (1)*         | VOICE,                            | PROVIDE (1) DEVICE GANG AND CONDUIT<br>PATHWAY FOR EACH SET OF 4 CABLES,<br>PROVIDE A 25 SERVICE LOOP FOR            |
|                  | R = EXISTING DEVICE TO BE REMOVED, RE-CABLED, AND REINSTALLED.  | CEILING                            | DEVICE  | NOT INSTALLED AT<br>ACCESSIBLE CEILING        | CAT BA        | (1)          |                                   | ADJUSTMENT OF FINAL PLACEMENT.<br>COORDINATE LOCATIONS WITH OWNER.   |
| 8<br>ER          | FLOOR DATA OUTLET; NUMBER INDICATES QUANTITY OF DATA JACKS AND CABLES, COORDINATE WITH DIVISION 28 CONTRACTOR.  | FLOCR                              | 1 GANG  | 1° CONDUIT TAAC OF<br>INSTALLED FLOOR         | CAT 6         | (1)*         | *MINIMUM (1)<br>DATA<br>*BACKBONE | PROVIDE (1) DEVICE GANG AND CONDUIT<br>PATHWAY FOR EACH SET OF 4 CABLES,<br>PROVIDE FIRE RATED / PAINTED 34" 4" K 6" |
| MDF              | EQUIPMENT ROOM / MAIN DISTRIBUTION FRAME - REFERENCE DATA<br>SYSTEM SCHEMATICS AND DETAILS FOR ADDITIONAL REQUIREMENTS  | N/A                                | N/A   | N/A   | 0.00          | -4.          | DETAILS                           | PLYWOOD BACKBOARD SHEETS ON WALLS<br>ENCIRCUING THESE SPACES.  |
| TR DF            | TELECOMMUNICATIONS ROOM / INTERMEDIATE DISTRIBUTION FRAME -<br>REFERENCE DATA SYSTEM SCHEMATICS AND DETAILS FOR ADDITIONAL<br>REQUIREMENTS  | NA                                 | N/A   | N/A   | 63            | 3            | 'BACKBONE<br>CABLING<br>DETAILS   | PROVIDE FIRE RATED / PAINTED 3/4" 4" X 6"<br>PLYWOOD BACKGOARD SHEETS ON WALLS<br>ENCIRCLING THESE SPACES.           |
|                  | COMMUNICATIONS UTILITY ENTRANCE FACILITY - REFERENCE DATA<br>SYSTEM SCHEMATICS AND DETAILS FOR ADDITIONAL REQUIREMENTS  | N/A                                | NA  | NIA   |               |              | *BACKBONE<br>CABLING<br>DETAILS   | PROVIDE (1) FIRE RATED / PAINTED 3/4* 4*1 8 PLYWOOD BACKBOARD SHEET FOR WAI DEVICES AT THIS LOCATION.                |
| 11(1)            | TELECOM ROOM LADDER RACK, SIZE AS NOTED, PROVIDE AT LOCATIONS SHOWN, PROVIDE CABLE WHERE FALLS WHERE CABLES EXIT LADDER RACK TO ENTER EQUIPMENT RACKS.  | 96°                                | N/A   | N/A   |               |              |                                   |  |
| 0                | LOW-VOLTAGE CONDUIT PATHWAY / PISERS, SIZE AS INDICATED, PROVIDE<br>AT LOCATIONS DEPICTED, PROVIDE WATER FALLS WHERE MULTIPLE<br>CABLES EXIT A CONDUIT IN A DOWNWARD DIRECTION.   | N/A                                | N/A   | N/A   |               |              |                                   |  |
| •                | CÉLING MOUNTED SPÉAKER: SEE DETAILS AND DIAGRAMS FOR ADDITIONAL INFORMATION. SUBSCRIPT V = INTEGRAL VOLUME CONTROL.   | CEILING                            | NIA   | 34F CONDUIT ABOVE<br>NON-ACCESSIBLE CEILINGS  | •             | (1)*         | "SEE                              |  |
| •                | LOCAL SOUND SYSTEM CHILING MOUNTED SPEAKER; SEE DETAILS AND DIAGRAMS FOR ADDITIONAL INFORMATION. SUBSCRIPT ZLXJ = SPEAKER ZONE DESIGNATION.   | CEILING                            | NA  | 3/4" CONDUIT ABOVE<br>NON-ACCESSIBLE CEILINGS |               | (1)*         | *SEE<br>DETAILS                   |  |
| Ю                | SURFACE MOUNTED SPEAKER; SEE DETAILS AND DIAGRAMS FOR ADDITIONAL INFORMATION, R = EXISTING DEVICE TO BE REMOVED, RE-CABLED, AND REINSTALLED.  | DO" AFF                            | 4"±4" BOX<br>WITH 1 GANG<br>DEVICE                | 314" CONDUIT TAAC                             |               | (1)*         | 'SEE<br>DETAILS                   |  |
| H®               | SURFACE MOUNTED HORN SPEAKER; SEE DETAILS AND DIAGRAMS FOR ADDITIONAL INFORMATION, R = EXISTING DEVICE TO BE REMOVED, RE-CABLED, AND REINSTALLED.   | 90° AFF                            | 4"x4" BOX<br>WITH 1 GANG<br>DEVICE                | 3/4" CONDUIT TAAC                             |               | (1)*         | "SEE<br>DETAILS                   |  |
| 1                | WALL VOLUME CONTROL; SEE DETAILS AND DIAGRAMS FOR ADDITIONAL INFORMATION, R = EXISTING DEVICE TO BE REMOVED, RE-CABLED, AND REMSTALLED,   | 48" AFF                            | 4"x4" BOX<br>WITH 1 GANG<br>DEVICE                | 3/4" CONDUIT TAAC                             |               | (1)*         | 'SEE<br>DETAILS                   |  |
| <b>⊬</b> ©       | INTERCOMMUNICATION SYSTEM CALL INITIATION STATION; SEE DETAILS<br>AND DAGRAMS FOR ADDITIONAL INFORMATION  | 48° AFF                            | 4"x4" BOX<br>WITH 1 GANG<br>DEVICE                | 3/4" CONDIST TAKE                             |               | (1)"         | *SEE<br>DETAILS                   |  |
| ₩                | WALL MICROPHONE OUTLET; SEE DETAILS AND DIAGRAMS FOR ADDITIONAL INFORMATION   | 18" AFF                            | A"34" BOX<br>WITH 1 GANG<br>DEVICE                | 3/4" CONDUIT TAAC                             |               |              | "SEE<br>DETAILS                   |  |
| 1                | AUDIO CONNECTION OUTLET; SEE DETAILS AND GIAGRAMS FOR ADDITIONAL INFORMATION  | 18" AFF                            | 4'SA' BOX<br>WITH 1 GANG<br>DEVICE                | 3/4" CONDUIT TAAC                             |               |              | *SEE<br>DETAILS                   |  |
| H⊗ <sub>NO</sub> |   | 18° AFF                            | 4"M" BOX<br>WITH 2 GANG<br>DEVICE                 | (2) 1" CONDUIT TAAC                           | CAT BA        |              | 'SEE<br>DETALS<br>FOR GTY/S       |  |
| HP               | FLAT PANEL DISPLAY OUTLET (FLAT PANEL OFOI); SEE DETAILS AND DIAGRAMS FOR ADDITIONAL INFORMATION, R = EXISTING DEVICE TO BE REMOVED, RE-CASLED, AND REINGTALLED,  | 60° AFF                            | 4"x4" BOX<br>WITH 2 GANG<br>DEVICE                | (2) 1 1A* CONDUIT TAAC                        | CAT 6         | (1)          | rentarija                         |  |
| Ф                | WRELESS SYNCHONOUS ANALOG WALL CLOCK; D = DUAL FACE CLOCKS WITH MOUNTING ADAPTERS, R = EXISTING DEVICE TO BE REMOVED, RE-CABLED, AND REINSTALLED,   | LOWER OF<br>12" BFC OR<br>98" AFF  | 4"x4" BOX<br>WITH 1 GANG<br>DEVICE                | N/A   |               |              |                                   |  |
| ELOCA!           | SYNCHONDUS CLOCK HEADEND CONTROLLER   | EQUIPMENT                          | NA  | NA  | CAT 6         | (1)          |                                   |  |
| @                | CARD / PROXINITY ALTHENTICATION READER; M = MULLION MOUNT<br>VERSION, COORDINATE WITH DOOR HARDWARE SCHEDULE, R = EXISTING<br>DEVICE TO BE REMOVED, RE-CABLED, AND REINSTALLED.   | 48" AFF                            | 4"x4" BOX<br>WITH 1 GANG<br>DEVICE                | 3/4" CONDUIT TAAG                             | SH 6 COND     | (1)          |                                   | F INTEGRAL TO DOOR HARDWARE,<br>PROVIDE INTERCONNECTION TO DEVICE  |
| <b>@</b>         | DEVICE TO BE REMOVED, RECABLED, AND REINSTALLED, DOOR POSITION SWITCH; DOUBLE PULL DOUBLE THROW (DPDT), PROVIDE DUAL SWITCHES ON DOUBLE LEAF DOORS, R = EXSTING DEVICE TO BE REMOVED RE-CABLED, AND REINSTALLED.                            | TOP OF<br>DOOR<br>FRAME            | N/A   | 3/4° CONDUIT TAAC                             | 2 COND        | (1)          |                                   | IF INTEGRAL TO DOOR HARDWARE,<br>PROVIDE INTERCONNECTION TO DEVICE   |
| <u>(a)</u>       | ELECTRIFIED HARDWARE; MORTISE LOCK, CYLINORICAL LOCK, PANIC HARDWARE, MAGNETIC LOCK, PANIC DEVICE, ETC. TYPE, R = EXISTING  | OF DOOR                            | N/A   | 3/4° CONDUIT TAAC                             | 2 COND        | (1)          |                                   |  |
| 69               | DEVICE TO BE REMOVED, RE-CABLED, AND REINSTALLED.  FLECTRIC STRIKE TYPE DEVICE COORDINATE WITH DOOR HARDWARE.   | STRIKE SIDE<br>OF DOOR             | NIA   | 344° CONDUST TAAC                             | 2 COND        | (0)          |                                   |  |
| ®                | SCHEDILE, R = EXSTING DEVICE TO BE REMOVED, RE-CABLED, AND RENSTALLED.  REQUEST TO EXIT DEVICE; MOTION SENSING PIR TYPE OR INTEGRATED WITH EXIT DEVICE HARDWARE, R = EASTING DEVICE TO BE REMOVED, RE-CABLED, AND REINSTALLED.              | FRAME<br>CENTERED<br>ABOVE<br>DOOR | 4"x4" BOX<br>WITH 1 GANG                          | 3/4° CONDUIT TAAC                             | # COND        | (1)          | -                                 | IF INTEGRAL TO DOOR HARDWARE,<br>PROVIDE INTERCONNECTION TO DEVICE   |
| (9)              | RECABLED, AND REINSTALLED.  SEQUE DOOR LOCATION, SHALL INCLUDE THE DEVICE, ROUGHAN, & CABLING REQUIREMENTS OF DOOR POSITION SWITCH, ELECTRIC STRIKE FELECTRIED HARDWARE, & REQUEST TO EXIT DEVICE DETAILED ABOVE.                           | DOOR<br>SEE ABOVE                  | DEVICE<br>SEE ABOVE                               | SÉE AROVE                                     |               | 19           |                                   | PROVIDE INTERCONNECTION TO DEVICE  IF INTEGRAL TO DOOR HARDWARE, PROVIDE INTERCONNECTION TO DEVICE:                  |
| -                | DOOR RELEASE PUSH BUTTON, R + EXISTING DEVICE TO BE REMOVED.  | UNDER                              | 4"x4" BOX<br>WITH 1 GANG                          |   | 2 COND        | (1)          | -                                 | PROVIDE INTERCONNECTION TO DEVICE  |
| <u>⊚</u>         | RE-CABLED, AND REINSTALLED,   | DESK<br>CELING/                    | DEVICE  |   | -             |              | -                                 |  |
| <u>⊗</u>         | LOCAL ANNUGATOR ALARM / SOUNDER   | WALL                               | WITH 1 GANG<br>DEVICE<br>4"14" BOX                |   | 2 CONO        | (1)          | -                                 | PROVIDE BLANK PLATE WITH GROWMET   |
| ⊗                | DURESS ALARM BUTTON / SWITCH  | UNDER<br>DEBK                      | WITH 1 GANG<br>DEVICE<br>4"14" BOX                |   | 4 COND        | (1)          |                                   | HOLE.  |
| (4)              | DOOR INTERCOM MASTER STATION: W = WALL MOUNTED, R = ENSTING<br>DEVICE TO BE REMOVED, RE-CASLED, AND REINSTALLED.  | DESK<br>MOUNTED                    | WITH 1 GANG<br>DEVICE                             | 3/4" CONDUIT TAAC                             | CAT 6         | (1)          |                                   |  |
| •                | AUDIONIDEO INTERCOM DOOR STATION, R = EXISTING DEVICE TO BE REMOVED, RE-CABLED, AND REINSTALLED.  | 48"                                | 4"x4" BOX"  | 34° CONDUIT TAAC                              | CAT 6         | m            |                                   | *COORDINATE BOX REQUIREMENTS WITH<br>SPECIFIC DEVICE TO BE PROVIDED.   |
| 69-              | VIDEO SURVEILLANCE SECURITY CAMERA; CEILING MOUNTED, MY = MULTI-VIEW FUNCTIONALITY; DY = DUAL-VIEW FUNCTIONALITY; R = DOSTING DEVICE TO BE REMOVED, RE-CABLED, AND REINSTALLED.   | CELING                             | WITH 2 GANG<br>DEVICE                             | 3/4" CONDUIT TAAG                             | CATE          | (1)          |                                   |  |
| ®o⊲              | VIDEO SURVEILLANCE RECURITY CAMERA; WALL OR POLE MOLINTED, MV<br>MULTI-VIEW FUNCTIONALITY; DV = DUAL-VIEW FUNCTIONALITY, R =<br>EXISTING DEVICE TO BE REMOVED, RE-CABLED, AND REINSTALLED.  | 120" AFF OR<br>AFG                 | 47x4*BDX<br>WITH 2 GANG<br>DEVICE                 | 3/4" CONDUIT TAAC                             | GAT 6         | (1)          |                                   |  |
| ACS              | ACCESS CONTROL PANEL LOCATION   | SURFACE<br>MOUNT                   | NA  | NIA   | CATE          | to           |                                   | PROVIDE HARD PIPED POWER TO POWER<br>SUPPLY  |
| sucv             | VIDEO SURVEILLANCE SERVER LOCATION  | EQUIPMENT<br>RACK                  | N/A   | N/A   | CAT 6         | (1)          |                                   |  |



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> Renovation Project Elementary State, Zip - Kenton | Example KCSD Project

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TECHNOLOGY LEGEND SCHEDULE & NOTES

DATE

2025-012

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