DETROIT PUBLIC SCHOOLS COMMUNITY DISTRICT

Procurement Department

Fisher Building • 3011 West Grand Blvd., 11th Floor • Detroit, MI 48202

detroitk12.org

ADDENDUM 1

RFP # 25-0045

Southeastern High School CTE Annex—District Technology Infrastructure Additions

Date of Addendum: October 10, 2024

NOTICE TO ALL POTENTIAL RESPONDENTS

The Request for Proposal (RFP) is modified as set forth in this Addendum. The original RFP Documents and any previously issued addenda remain in full force and effect, except as modified by this Addendum, which is hereby made part of the RFP. Respondent shall take this Addendum into consideration when preparing and submitting its Proposal.

CHANGES

The due date for RFP #25-0045 Southeastern High School CTE Annex- District Technology Infrastructure Additions shall be extended to Monday, October 21st at 12:00 p.m.

Section J- List of Attachments of the RFP shall be revised to include Attachment D- Addendum 2 and Attachment E- Appendix B-2.

ADDENDUM NO2

Project Owner:	Detroit Public Schools Community District
Project Name:	District Technology Infrastructure Additions
Issue Date:	September 20, 2024

This Addendum No. 1 of the Technology Request for Bid for the above referenced project hereby amends, supplements and/or augments all prior issued document(s) as described herein, and becomes an inseparable part of the Contract Documents, superseding all previous, contrary and/or conflicting information.

AD1 - 1	**27 22 19- 69- 2.06 DATA CABINET ENCLOSURE** is hereby revised, reissued and attached hereto. 1.01 DATA CABINET ENCLOSURE A. 42U NETWORK CABINET/ ENCLOSURE 1. One (1) – Forty-Two U (42U) indoor micro data center enclosure per each new MDF/ IDF location within new construction area. a. Micro Data Center enclosure shall encapsulate power, climate control, monitoring, and security. b. Data center enclosure shall include self contained climate control unit ideal for cooling medium and high IT applications.
AD1-2	**27 13 23- 48- 2.01 MANUFACTURERS** is hereby revised, reissued and attached hereto. 2.01 MANUFACTURERS A. Manufacturer of major components of the Fiber Optic Network shall be a known and leading entity in the cabling and/or connector field, and shall have been designing, manufacturing and installing similar components for a

	period of no less than four (4) years. B. Acceptable Manufacturers (In alphabetical order): 1. Corning 2. Panduit 3. Hubbell C. Network shall be constructed using industry standards and as specified herein. D. Contractor shall provide all dielectric fiber optic cable and termination components. All provided and installed fiber components shall comply with ANSI/TIA/EIA 568C specifications. E. All fiber optic cables shall meet or exceed the following specifications or performance requirements: 1. Installed cable shall be multi mode graded index glass fiber. 2. Any armored cable installed, as provided for, shall be appropriately grounded. 3. All materials in the cable are to be dielectric (excepting the armor if used in lieu of specified innerduct as provided for herein). 4. Fiber shall be OM3 50 micron compliant 5. EIA/TIA – 598 color coding for fiber optic cable 6. Capable of bend radius as small as 20 x outside cable diameter (under installation load) and 10 x outside cable diameter (long term load). F. All indicated fibers shall be terminated on high quality IEC 61754 compliant LC connectors at MDF/ IDF locations. Total optical attenuation through the cross connect from any terminated fiber to any other terminated fiber shall not exceed .5 dB. All optical fiber shall be handled, installed, and supported as per manufacturer recommendations.
AD1-3	**27 13 23- 50- 3.02 INSTALLATION** is hereby revised, reissued and attached hereto.

3.01 INSTALLATION

A. Contractor shall be familiar with the environment where work will be done as specified herein.

B. Work Areas shall be cleaned at the end of each day. All debris shall be cleared, removed and disposed of in an approved container for the site. All equipment and tools shall be removed from common areas and stored in approved, secure storage locations. Any work that may impede the general use of the space and cannot be removed shall be flagged and cordoned off by the Contractor prior to their departure.

C. All equipment and materials shall be installed in a neat and workmanlike manner. Best practices installation principles shall be used throughout the project.

D. Work shall be conducted during hours when network disruptions created by intentional or unintentional efforts by Contractor will not impact normal Owner operations.

1. Where work takes place in existing campus, work shall be conducted during second or third shift, weekends and other times the Owner is not conducting normal operations.

2. Where work takes place in new construction area, work shall be conducted in coordination with the construction manager and construction schedule.

3. Special provisions may be, at the Owner's sole discretion, made from time to time to allow work to be conducted during hours outside those listed above..

E. The Contractor shall furnish, set in place, and install all equipment necessary for a fully compliant and operational system as specified herein. The installation process includes, but is not limited to the following:

1. Inventory receipt of all components and equipment.

2. Storage of all equipment and components until such time those items are installed according to the specifications.

3. Transport equipment to the Owner's installation location(s).

4. Assemble, install, configure and test all equipment and components, maintaining accurate inventory records and status

documents and discarding packaging.

5. Work shall be performed to meet local codes and industry standards, including, but not limited to:

a. Adequate electrical and lightning protection.

b. Grounding and Bonding.

c. Contractor shall properly restore all areas affected by the installation of conduit/backbone cabling.

d. All exterior cable installed shall be armored. Armored cable shall be properly and neatly terminated with armor properly grounded and finished at all end point of the link per manufacturer installation guidelines.

e. Contractor shall install spider fan-out kits on fiber optic cable prior to termination.

f. All fiber optic cables shall be terminated on fiber optic LC connectors on rack mounted patch panels provided by contractor.

g. All fiber optic cable terminations shall be clearly labeled at each end with computer generated labels, designations as approved by Owner.

1. Labeling should be consistent in all buildings and carefully coordinated with owner.

h. Contractor shall be responsible for all required coring. All cores are to be fitted with sleeves, bushings, and fire stopping and must comply with EIA/TIA standards.

i. Ramset anchors shall NOT be allowed in any locations with precast concrete. Drilled anchors should be used only.

j. Any firewall penetrated to facilitate the routing of communication wiring shall be fire stopped using approved methods as outlined in the current National Electric Code (NEC) and all applicable State, County and Local ordinances.

k. Where cable tray or raceway is not provided Contractor shall provide and install cable supports of intervals not more than five (5) feet.

l. Cables shall not be laid on ceiling grid structure or any structure

not specifically designed to support cable.

F. Contractor shall be responsible for ensuring cable and components are not damaged during installation and the manufacturer's recommended pulling ratings are not exceeded.

G. It shall be the responsibility of the Contractor to repair or replace any damage done to the structure of finishes in the building by the Contractor. If, in the course of work, Contractor damages, marks or misplaces any surfaces or access plates/panels the Contractor shall repair and/or replace the surface, plate or panel to the original condition.

1. Final determination as to the damage condition and/or repair/replacement fitness of any surface, plate or panel shall be the sole responsibility of the Designer.

2. The building and work area shall be returned to its original condition prior to final sign off of the project.

AD1 - 4

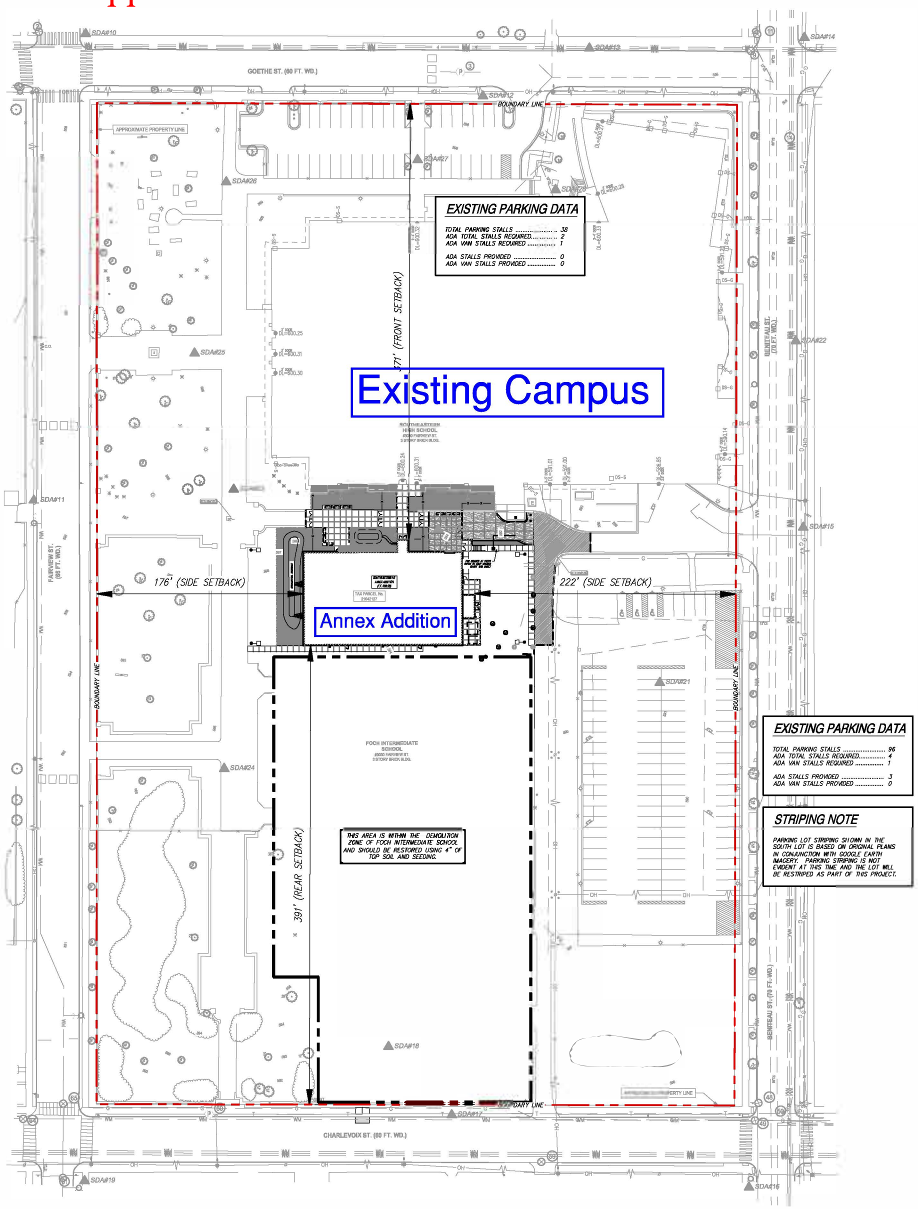
00 01 10- 1- TABLE OF CONTENTS is hereby revised, reissued and attached hereto.

SECTION 00 01 10
TABLE OF CONTENTS

	APPENDICES *Section* *Description* A Building Diagrams B Site Diagrams
AD1 - 5	**APPENDIX B: SITE DIAGRAMS** is hereby added and attached hereto.

END OF ADDENDUM NO. 1

25-0045 Attachment E- Appendix B-2



EXISTING PARKING DATA

TOTAL PARKING STALLS 38
ADA TOTAL STALLS REQUIRED.................. 2
ADA VAN STALLS REQUIRED 1

ADA STALLS PROVIDED 0
ADA VAN STALLS PROVIDED 0

EXISTING PARKING DATA

TOTAL PARKING STALLS 96
ADA TOTAL STALLS REQUIRED.............. 4
ADA VAN STALLS REQUIRED 1

ADA STALLS PROVIDED 3
ADA VAN STALLS PROVIDED 0

STRIPING NOTE

PARKING LOT STRIPING SHOWN IN THE SOUTH LOT IS BASED ON ORIGINAL PLANS IN CONJUNCTION WITH GOOGLE EARTH IMAGERY. PARKING STRIPING IS NOT EVIDENT AT THIS TIME AND THE LOT WILL BE RESTRIPED AS PART OF THIS PROJECT.

LEGEND

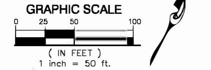
PROPOSED WATERMAIN	PROPOSED SAN MANHOLE (SAN)
PROPOSED SANITARY	PROPOSED STORM MANHOLE (MH)
PROPOSED STORM SEWER	PROPOSED CATCH BASIN (CB)
PROPOSED GAS MAIN	PROPOSED INLET (INL)
PROPOSED ELECTRIC	PROPOSED END SECTION (ES)
PROPOSED HYDRANT	PROPOSED FIELD CATCH BASIN (FCB) W/BEEHIVE COVER OR STANDPIPE (SP) W/ BAR GRATE COVER
PROPOSED GATE VALVE & WELL (GVW)	UTILITY CROSSING (SEE DATA TABLE)
PROPOSED TAPPING SLEEVE, VALVE & WELL (TSVW)	STORM SEWER STRUCTURE: CB STRUCT. TYPE, 2 STRUCT. NO.
STANDARD BITUMINOUS PAVEMENT	SANITARY SEWER STRUCTURE: 20
HEAVY-DUTY BITUMINOUS PAVEMENT	WATERMAIN STRUCTURE: 10 STRUCT. NO., XXX STRUCT. TYPE
DEEP-STRENGTH BITUMINOUS PAVEMENT	
CONCRETE PAVEMENT	
CONCRETE SIDEWALK	
TALL, ORNAMENTAL GRASS	

SHEET INDEX

STORMWATER STATEMENT

THE EXISTING FOCH SCHOOL IS BEING DEMOLISHED AS PART OF A SEPARATE PROJECT BY THE DISTRICT PRIOR TO CONSTRUCTION OF THE SOUTHEASTERN HIGH SCHOOL ANNEX. THE DEMOLITION OF FOCH SCHOOL WILL ELIMINATE APPROXIMATELY 2.5 ACRES OF IMPERVIOUS AREA WITH THE AREAS OUTSIDE THE ANNEX PROJECT BEING RESTORED TO A GRASS FIELD. THE ANNEX PROJECT ENTAILS THE CONSTRUCTION OF 0.48 ACRES OF IMPERVIOUS SURFACE, WHICH FALLS BELOW THE HALF-ACRE THRESHOLD THAT WOULD TRIGGER STORMWATER MANAGEMENT. ALTHOUGH NEW STORMWATER MANAGEMENT MEASURES ARE NOT REQUIRED, THE PROJECT WILL INCLUDE RAIN GARDEN/BIORETENTION AREAS ON THE NORTH AND WEST SIDES THAT WILL PICK UP SMALL AREAS OF CONCRETE SIDEWALK AND A SMALL PORTION OF THE ROOF.

Site Data	
Zoned	R5 (Sec: 50-08-131)
Front Setback Required	20 ft (Sec: 50-13-16)
Side Setback Required	Formula B (Length (ft) + 2(height)) / 6 = (80+2(27)) / 6 = 22.3 FT = 23 (ft) min Required
Rear Setback Required	30 ft
Parking Required North Lot	38 Stalls
Parking Provided North Lot	38 stalls
Parking Required South Lot	96 Stalls
Parking Provided South Lot	96 stalls
Total Parking Provided	134 stalls
Loading Required	1 Space (12'x35')
Loading Provided	1 space (20'x59')



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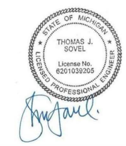


SOUTHEASTERN HIGH SCHOOL ANNEX

DETROIT PUBLIC SCHOOLS COMMUNITY DISTRICT

3011 W. GRAND BOULEVARD
DETROIT, MICHIGAN 48202

No.	Date	Description

PROJECT MANAGER: T.SOVEL
DRAWN BY: J.BAKOU

QEA No. 42240650 — SDA No. SP23097

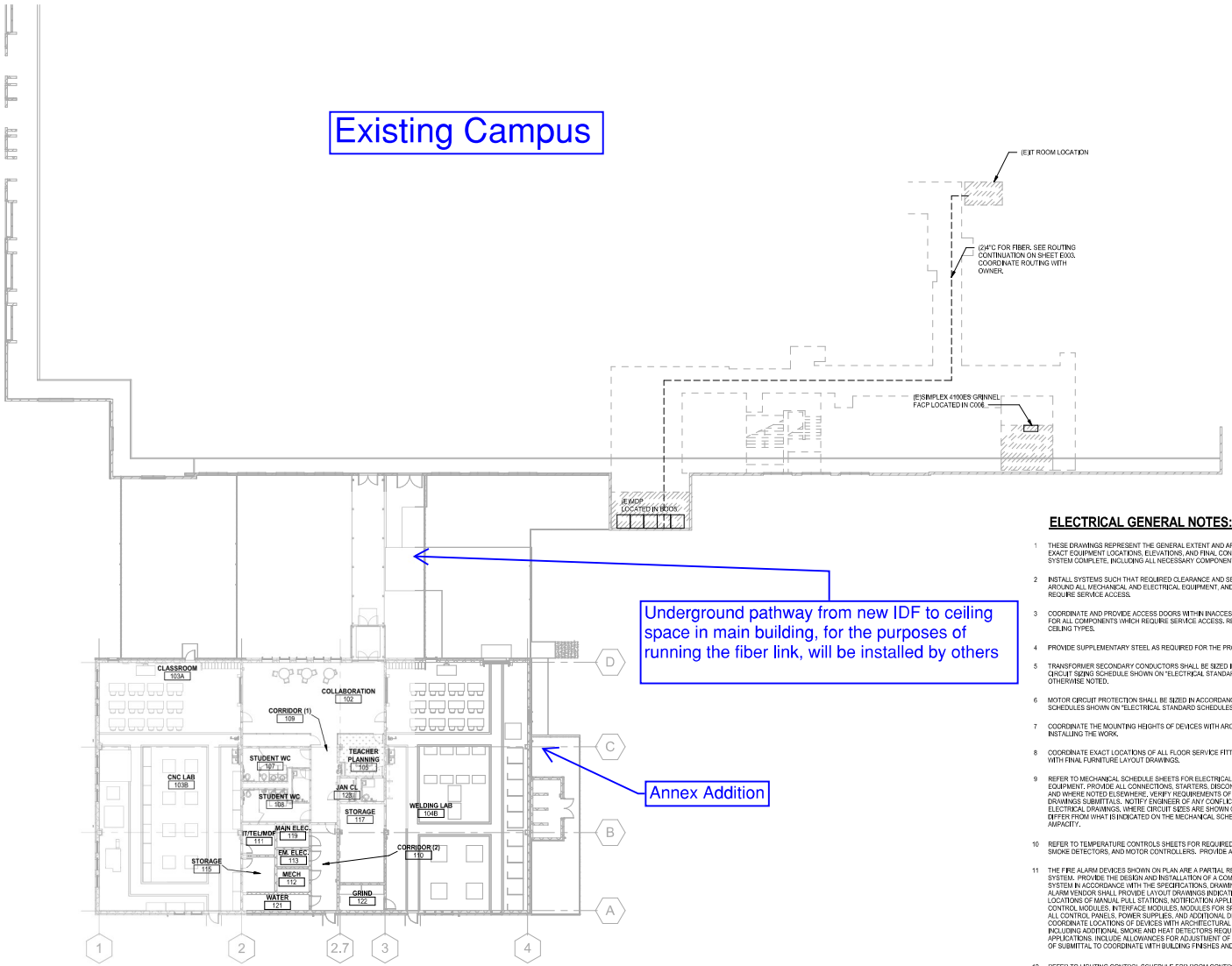
BID/PERMIT SET
APRIL 12, 2024

GENERAL PLAN

C1.1

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"

Appendix B-2



LEVEL 1 ELECTRICAL COMPOSITE PLAN
SCALE: 1/16" = 1'-0"

ELECTRICAL GENERAL NOTES:

1. THESE DRAWINGS REPRESENT THE GENERAL EXTENT AND ARRANGEMENT OF SYSTEMS. COORDINATE EXACT EQUIPMENT LOCATIONS, ELEVATIONS, AND FINAL CONNECTION REQUIREMENTS. PROVIDE EACH SYSTEM COMPLETE, INCLUDING ALL NECESSARY COMPONENTS, FITTINGS AND OFFSETS.
2. INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.
3. COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
4. PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.
5. TRANSFORMER SECONDARY CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH TRANSFORMER CIRCUIT SIZING SCHEDULE SHOWN ON "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS OTHERWISE NOTED.
6. MOTOR CIRCUIT PROTECTION SHALL BE SIZED IN ACCORDANCE WITH MOTOR CIRCUIT SIZING SCHEDULES SHOWN ON "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS OTHERWISE NOTED.
7. COORDINATE THE MOUNTING HEIGHTS OF DEVICES WITH ARCHITECTURAL ELEVATIONS AND THE TRADES INSTALLING THE WORK.
8. COORDINATE EXACT LOCATIONS OF ALL FLOOR SERVICE FITTINGS AND POKE-THROUGH ASSEMBLIES WITH FINAL FURNITURE LAYOUT DRAWINGS.
9. REFER TO MECHANICAL SCHEDULE SHEETS FOR ELECTRICAL REQUIREMENTS FOR MECHANICAL EQUIPMENT. PROVIDE ALL CONNECTIONS, STARTERS, DISCONNECTS, ETC. AS REQUIRED BY SCHEDULES AND WHERE NOTED ELSEWHERE. VERIFY REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH SHOP DRAWINGS SUBMITTALS. NOTIFY ENGINEER OF ANY CONFLICTS BETWEEN EQUIPMENT SUBMITTALS AND ELECTRICAL DRAWINGS. WHERE CIRCUIT SIZES ARE SHOWN ON THE ELECTRICAL DRAWINGS THAT DIFFER FROM WHAT IS INDICATED ON THE MECHANICAL SCHEDULES, PROVIDE THE CIRCUIT OF HIGHER AMPACITY.
10. REFER TO TEMPERATURE CONTROLS SHEETS FOR REQUIRED FIRE ALARM CONTROL MODULES, DUCT SMOKE DETECTORS, AND MOTOR CONTROLLERS. PROVIDE ALL ACCESSORIES INDICATED.
11. THE FIRE ALARM DEVICES SHOWN ON PLAN ARE A PARTIAL REPRESENTATION OF THE FIRE ALARM SYSTEM. PROVIDE THE DESIGN AND INSTALLATION OF A COMPLETE AND FUNCTIONAL FIRE ALARM SYSTEM IN ACCORDANCE WITH THE SPECIFICATIONS, DRAWINGS, AND ALL APPLICABLE CODES. THE FIRE ALARM VENDOR SHALL PROVIDE LAYOUT DRAWINGS INDICATING THE REQUIRED QUANTITIES AND LOCATIONS OF MANUAL PULL STATIONS, NOTIFICATION APPLIANCES, SMOKE AND HEAT DETECTORS, CONTROL MODULES, INTERFACE MODULES, MODULES FOR SPRINKLER FLOW AND TAMPER SWITCHES, ALL CONTROL PANELS, POWER SUPPLIES, AND ADDITIONAL DEVICES AND EQUIPMENT REQUIRED. COORDINATE LOCATIONS OF DEVICES WITH ARCHITECTURAL FINISHES AND REFLECTED CEILING PLANS, INCLUDING ADDITIONAL SMOKE AND HEAT DETECTORS REQUIRED FOR NON-SMOOTH CEILING APPLICATIONS. INCLUDE ALLOWANCES FOR ADJUSTMENT OF DEVICES BY THE ARCHITECT AT THE TIME OF SUBMITTAL TO COORDINATE WITH BUILDING FINISHES AND OTHER CEILING ELEMENTS.
12. REFER TO LIGHTING CONTROL SCHEDULE FOR ROOM CONTROL AND EMERGENCY LIGHTING CIRCUIT CONTROL REQUIREMENTS. DESIGNATION FOR ROOM IS INDICATED AS A LETTERED OVAL SYMBOL.
13. CONNECT EXIT SIGNS TO NORMAL LIGHTING BRANCH CIRCUIT SERVING THE AREA, CONNECT AHEAD OF ANY LIGHTING CONTROL DEVICE OR SYSTEM.
14. ALL FIRE ALARM DEVICES SHALL BE COMPATIBLE WITH EXISTING SIMPLEX FIRE ALARM SYSTEM. PROVIDE NECESSARY COMPONENTS, MODULES, ETC. AS REQUIRED FOR A FULLY FUNCTIONAL SYSTEM. RE-TEST AND CERTIFY EXISTING FIRE ALARM SYSTEM AT COMPLETION OF PROJECT.
15. PROVIDE TAMPER-RESISTANT TYPE RECEPTACLES FOR ALL NEW RECEPTACLES UNLESS OTHERWISE NOTED.

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STATE OF MICHIGAN
MYRON SCOTT GIBBS
ENGINEER
No. 6201061469

SOUTHEASTERN HIGH SCHOOL ANNEX

DETROIT PUBLIC SCHOOLS COMMUNITY DISTRICT

3011 W. GRAND BOULEVARD DETROIT, MICHIGAN 48202

No.	Date	Description

PROJECT MANAGER: WEK
DRAWN BY: AJPS

QEA No.#42245890

BID/PERMIT SET
APRIL 12, 2024

LEVEL 1 ELECTRICAL COMPOSITE PLAN

E101

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