

SCHOOL BOARD PRESIDENT

*[Signature]*  
SIGNATURE

CHIEF SCHOOL ADMINISTRATOR

*[Signature]*  
SIGNATURE

# ESIP AT CECIL S. COLLINS ELEMENTARY SCHOOL

570 BARNEGAT BLVD,  
BARNEGAT, NJ 08005

FOR  
THE

## BARNEGAT BOARD OF EDUCATION

600 BARNEGAT BOULEVARD N,  
BARNEGAT, NJ 08005

SUPERINTENDENT: DR. BRIAN LATWIS  
BUSINESS ADMINISTRATOR: STEPHEN BRENNAN

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SPIEZLE COMMISSION NUMBER: 20K019

DOE STATE PROJECT NUMBER(S): 29-0185-015-21-1000

JOHNSON & URBAN LLC.  
MEP ENGINEERS



CHA CONSULTANTS  
ESIP ENGINEERS

SPIEZLE ARCHITECTURAL GROUP, INC  
1395 YARDVILLE HAMILTON SQUARE ROAD, SUITE 2A HAMILTON, NJ  
08691  
PHONE: 609.695.7400 FAX: 609.394.2274  
WWW.SPIEZLE.COM

DOE SUBMISSION: 9/28/20

DOE SCHEMATIC SUBMISSION

ESIP AT CECIL S.  
COLLINS ELEMENTARY  
SCHOOL

20K019

DOE1.0



SPIEZLE ARCHITECTURAL GROUP, INC.  
1395 YARDVILLE HAMILTON SQUARE ROAD  
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Phone: 609-695-7400

SIGNATURE:  
THOMAS S. PERRINO 2 IAD1 202400  
SCOTT S. DONNE 2 IAD1 074400  
STEVEN LODGE 2 IAD1 170100  
STEVEN G. SIEGEL 2 IAD1 054300  
SPIEZLE ARCHITECTURAL GROUP, INC. 2 IAC00063000

SEAL:

CONSULTANTS:

DOE SCHEMATIC SUBMISSION

PROJECT:  
ESIP AT CECIL S. COLLINS ELEMENTARY SCHOOL

570 BARNEGAT BLVD, BARNEGAT, NJ 08005

FOR

BARNEGAT BOARD OF EDUCATION

600 BARNEGAT BOULEVARD N, BARNEGAT, NJ 08005

FOR CODE REVIEW: DDMMYYYY

REVISIONS:

REVISION	REVISION NAME	DATE
1		

FOR BID: DDMMYYYY

DRAWING TITLE:

FIRST FLOOR PLAN

COMMISSION NUMBER:

20K019

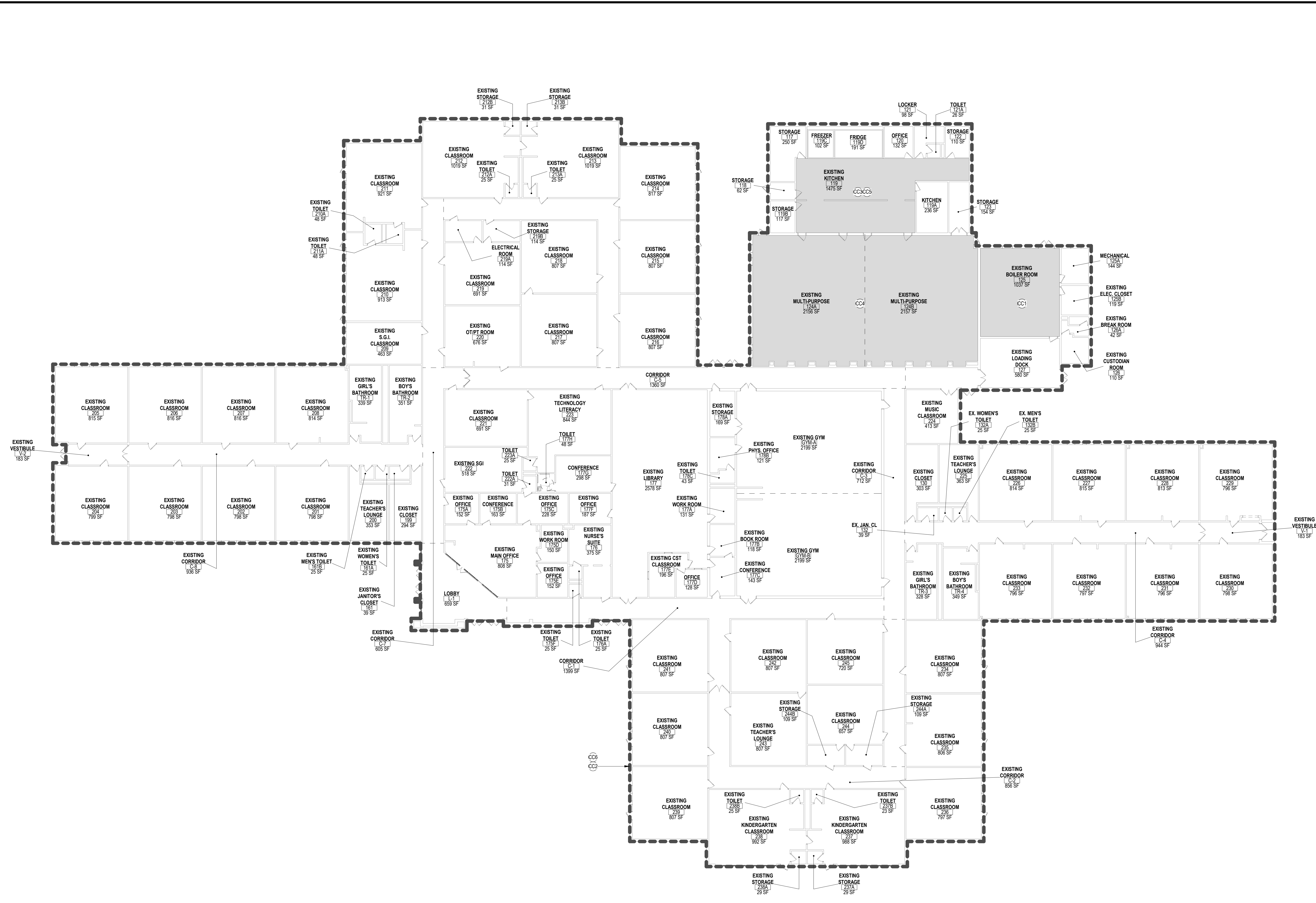
AGENCY NUMBER:

29-0185-015-21-1000

DO NOT SCALE THE DRAWINGS

DRAWING NUMBER:

CC-DOE 1.1



1 FIRST FLOOR PLAN  
1/16" = 1'-0"

APPLICABLE CODES (NJ)

1. NJ UNIFORM CONSTRUCTION CODE - N.J.A.C. 5:23
2. INTERNATIONAL BUILDING CODE - 2018 NEW JERSEY EDITION
3. NATIONAL STANDARD PLUMBING CODE - 2018
4. NATIONAL ELECTRICAL CODE (NFPA 70) - 2017
5. ENERGY SUBCODE - ASHRAE 90.1-2016
6. INTERNATIONAL MECHANICAL CODE - 2018
7. INTERNATIONAL FUEL GAS CODE - 2018
8. REHABILITATION SUBCODE, N.J.A.C. 5:23-6
9. BARRIER FREE SUBCODE, CHAPTER 11 OF IBC-2018 & ICC/ANSI A117.1-2009
10. ELEVATOR SUBCODE - N.J.A.C. 5:23-12

GENERAL NOTES

1. THESE PROJECTS WILL NOT CHANGE ROOM AREAS OR EXISTING CEILING HEIGHTS.
2. CLASSROOMS AND INSTRUCTIONAL AREAS WILL HAVE A MINIMUM OF 50 FOOTCANDLES.
3. RECEPTION ROOMS, GYMS, AUDITORIUMS AND THE LIKE WILL HAVE A MINIMUM OF 30 FOOTCANDLES.
4. LOCKER ROOMS, CORRIDORS, TOILET ROOMS AND STAIRS WILL HAVE A MINIMUM OF 10 FOOTCANDLES.
5. NEW SOLAR CANOPIES IN THE PARKING LOTS WILL NOT CHANGE THE EXISTING TRAFFIC PATTERNS.

DOE MINIMUM FOOTCANDLES

MIN 50 FOOTCANDLES- CLASSROOMS AND INSTRUCTIONAL AREAS, MEDIA CENTER, WORK ROOMS, OFFICES, ART ROOM, LABORATORIES, CONFERENCE ROOMS, LIGHTING TO BE A MINIMUM OF 9'-6" A.F.F. IN MEDIA CENTER.

MIN. 30 FOOTCANDLES- CAFETERIA / GYMNASIUM; LIGHTING TO BE A MINIMUM OF 22' A.F.F. IN GYMNASIUM.

MIN. 10 FOOTCANDLES- TOILET ROOMS, CORRIDORS WITH LOCKERS AND STAIRWAYS

MIN 5 FOOTCANDLES- CORRIDORS WITH OUT LOCKERS AND STOREROOMS

\_DOE CC KEYNOTE LEGEND

Key Value	Keynote Text
CC1	HVAC SYSTEMS MEASURES - REMOVE SELECT EXISTING DOMESTIC HOT WATER HEATER AND STORAGE TANK AND INSTALL NEW HIGH EFFICIENCY, NATURAL GAS FIRED, INSTANTANEOUS, CONDENSING TANKLESS DHW HEATERS.
CC2	CONTROLS SYSTEM UPGRADES - CONTROLLING OF OA DAMPER POSITION ON CERTAIN AHUS THAT SERVE LARGE OPEN SPACES TO SHUT OFF UNITS IF UNOCCUPIED.
CC3	CONTROLS SYSTEM UPGRADES - REPLACE EXISTING EVAPORATOR FAN MOTORS WITH HIGH EFFICIENCY EC MOTORS AND INSTALL CONTROLS ON EXISTING WALK-IN REFRIGERATOR AND FREEZER.
CC4	CONTROLS SYSTEM UPGRADES - INSTALL OCCUPANCY-BASED CONTROLS ON 3 VENDING MACHINES.
CC5	CONTROLS SYSTEM UPGRADES - INSTALL CONTROLS ON EXISTING KITCHEN HOOD EXHAUST HOOD TO CONTROL OA DAMPER BASED ON USAGE.
CC8	INSTALL LOW FLOW AERATORS ON 22 FAUCETS AND LABSLOP SINK IN BUILDING.

3" = 1'-0"  
1 1/2" = 1'-0"  
1" = 1'-0"  
3/4" = 1'-0"  
1/2" = 1'-0"  
1/4" = 1'-0"  
1/8" = 1'-0"  
1/16" = 1'-0"

CODE REVIEW:

CERTIFICATE:



SPIEZLE ARCHITECTURAL GROUP INC.  
1395 YARDVILLE HAMILTON SQUARE ROAD  
SUITE 2A  
HAMILTON, NJ 08691  
Phone: 609-695-7400

SIGNATURE:  
THOMAS S. PERRINO 2 IAD1 505400  
SCOTT E. DONNE 2 IAD1 674400  
STEVEN L. LORNE 2 IAD1 170100  
STEVEN G. SIEGEL 2 IAD1 554800  
SPIEZLE ARCHITECTURAL GROUP, INC. 2 IAC00063000

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CONSULTANTS:

DOE SCHEMATIC  
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PROJECT:  
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SITE PLAN

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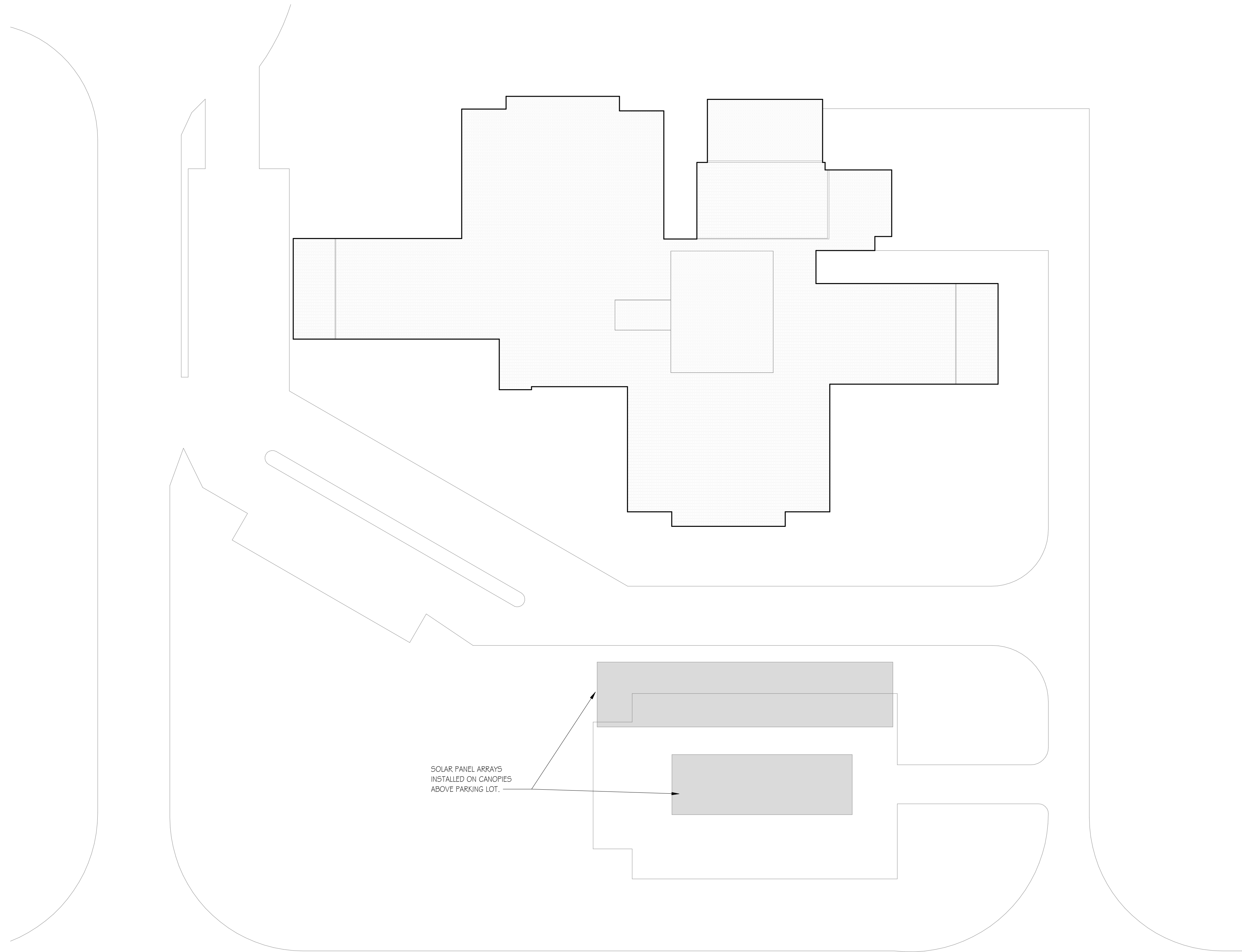
AGENCY NUMBER:

29-0185-015-21-1000

DO NOT SCALE THE DRAWINGS

DRAWING NUMBER:

CC-DOE 1.2



1 SITE PLAN  
1" = 40'-0"

GENERAL NOTES

1. THESE PROJECTS WILL NOT CHANGE ROOM AREAS OR EXISTING CEILING HEIGHTS.
2. CLASSROOMS AND INSTRUCTIONAL AREAS WILL HAVE A MINIMUM OF 30 FOOTCANDLES.
3. RECEPTION ROOMS, GYMS, AUDITORIUMS AND THE LIKE WILL HAVE A MINIMUM OF 30 FOOTCANDLES.
4. LOCKER ROOMS, CORRIDORS, TOILET ROOMS AND STAIRS WILL HAVE A MINIMUM OF 10 FOOTCANDLES.
5. NEW SOLAR CANOPIES IN THE PARKING LOTS WILL NOT CHANGE THE EXISTING TRAFFIC PATTERNS.

THIS DRAWING IS FORMATTED TO BE PRINTED AT 30"x42"

