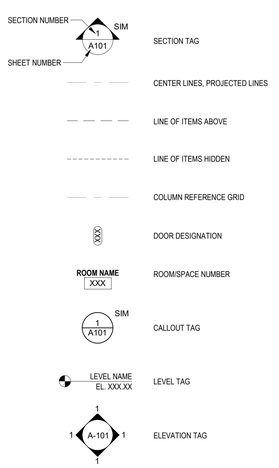
IDEA PUBLIC CHARTER SCHOOL: CULINARY TEACHING KITCHEN

ABBREVIATIONS

ADJ	ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
AL	ALUMINUM
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
AUTO	AUTOMATIC
ACT	ACOUSTIC CEILING TILE
BD	BOARD
BLKG	BLOCKING
CLG	CEILING
CL	CENTER LINE
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUOUS
CORR	CORRIDOR
CPT	CARPET
CT	CERAMIC TILE
CTR	CENTER
DET	DETAIL
DIA	DIAMETER
DIM	DIMENSION
DN	DOWN
DWG	DRAWING
EA	EACH
ELEV	ELEVATION
ELEC	ELECTRICAL
EMER	EMERGENCY
EQ	EQUAL
FEC	FIRE EXTINGUISHER CABINET
FIN	FINISH
FL	FLOOR
FLUOR	FLUORESCENT
FOF	FACE OF FINISH
FOS	FACE OF STUDS
FT	FOOT
FURR	FURRING
GA	GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GL	GLASS
GWB	GYPSUM WALL BOARD
HD	HEAD
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HT	HEIGHT
HVAC	HEATING, VENT. & A/C
ID	INSIDE DIAMETER
INSUL	INSULATION
INT	INTERIOR
LAM	LAMINATE
LAV	LAVATORY
LF	LINEAR FEET
LH	LEFT HAND
MAS	MASONRY
MAX	MAXIMUM
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
MTD	MOUNTED
MTL	METAL
NIC	NOT IN CONTRACT
NO.	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OPG	OPENING
OPP	OPPOSITE
PLAM	PLASTIC LAMINATE
PTD	PAINTED
PSI	POUNDS PER SQUARE INCH
PSF	POUNDS PER SQUARE FOOT
R	RADIUS
REINF	REINFORCING
REQD	REQUIRED
REV	REVERSE
RH	RIGHT HAND
RM	ROOM
RO	ROUGH OPENING
RTG	RATING
SF	SQUARE FEET
SHT	SHEET
SIM	SIMILAR
SPEC	SPECIFICATIONS
SSTL	STAINLESS STEEL
STL	STEEL
STD	STANDARD
STOR	STORAGE
STR	STRUCTURE
SUSP	SUSPENDED
SYS	SYSTEM
TBD	TO BE DETERMINED
TBS	TO BE SPECIFIED
TEL	TELEPHONE
TEMP	TEMPERED
TYP	TYPICAL
UC	UNDERCUT
UNF	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
VB	VAPOR BARRIER
VCT	VINYL COMPOSITION TILE
VB	VINYL BASE
VERT	VERTICAL
VIF	VERIFY IN FIELD
W/	WITH
WD	WOOD
WIN	WINDOW
W/O	WITHOUT
WPT	WORKING POINT

DRAFTING SYMBOLS LEGEND



DRAWING INDEX

GENERAL
G001 COVER SHEET

DEMOLITION
D101 FIRST FLOOR DEMOLITION PLAN
D102 SECOND FLOOR DEMOLITION PLAN
D103 ROOF DEMOLITION PLAN

ARCHITECTURAL
A101 FIRST FLOOR PLAN
A102 SECOND FLOOR PLAN
A103 ROOF PLAN
A110 FIRST FLOOR FINISH PLAN
A201 FIRST FLOOR RCP
A300 BUILDING ELEVATIONS
A400 BUILDING SECTIONS
A600 PARTITION SCHEDULE
A601 ROOM FINISH, MATERIAL, AND DOOR SCHEDULES
A602 MOUNTING DIAGRAMS
A721 FIRST FLOOR FFE PLAN

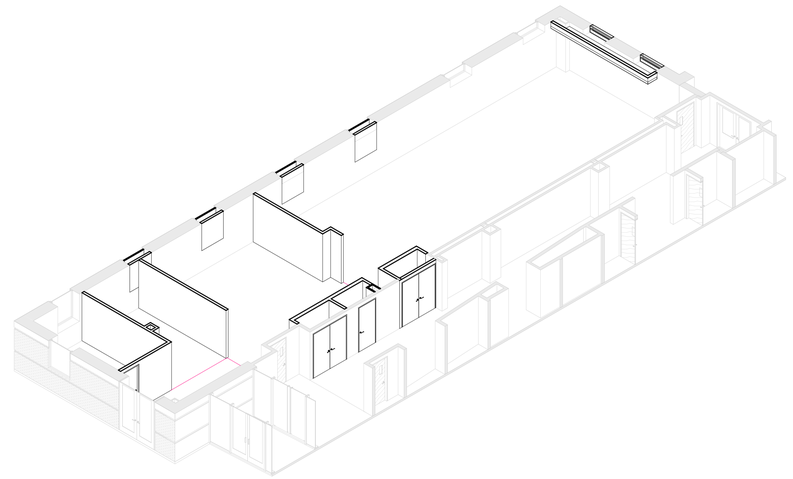
FOOD SERVICE
K101 KITCHEN EQUPTMENT PLAN

MECHANICAL
M003 MECHANICAL NEW WORK PLAN

PLUMBING
P001 PLUMBING COVER SHEET
P002 SCHEDULES
P003 DOMESTIC WATER PLAN
P004 DRAINAGE AND VENT PLAN

ELECTRICAL
E001 ELECTRICAL COVER SHEET
E002 DEMOLITION PLAN
E003 LIGHTING PLAN
E004 POWER PLAN
E005 FIRE ALARM PLAN
E006 POWER RISER AND PANEL SCHEDULES

AXONOMETRIC VIEW



IDEA PUBLIC CHARTER SCHOOL
CULINARY TEACHING KITCHEN
1027 45th STREET NE,
WASHINGTON , DC 20019

OWNER
IDEA PUBLIC CHARTER SCHOOL
1027 45TH ST. NE
WASHINGTON DC, 20019
T (202) 399-4750
WWW.IDEAPCS.ORG

ARCHITECT
STUDIO**TWENTYSEVEN**ARCHITECTURE
805 15TH STREET NW
SUITE 430
WASHINGTON, DC 20005
T (202) 939. 0027
WWW.STUDIO27ARCH.COM

MEP ENGINEER
PROVECTUS, INC.
3141 FAIRVIEW PARK DRIVE, STE 645
FALLS CHURCH, VA 22042
T (703) 823-4694
WWW.PROVECTUSINC.COM

FOOD SERVICE
NYIKOS GARCIA FOOD SERVICE DESIGN, INC.
7146 STARMOUNT WAY
NEW MARKET, MD 21774
T (240) 683.9530
WWW.NYIKOSGARCIA.COM

PROJECT MANAGER
KLA CONSTRUCTION DC
1300 I ST, NW
WASHINGTON DC, 20005
T
WWW.KLACONSTRUCTIONDC.COM

GENERAL CONTRACTOR
MCN BUILD
1214 28TH ST, NW
WASHINGTON DC, 20007
T 202-437-6600
WWW.MCNBUILD.COM

STRUCTURAL ENGINEER
SK&A
12435 PARK POTOMAC AVENUE #300
POTOMAC, MD 20854
T. 301.881.1441
WWW.SKAENGINEERS.COM

KEY PLAN



NO.	DATE	DESCRIPTION

PROGRESS SET

DRAWING TYPE: ARCHITECTURAL	DRAWING TITLE: COVER SHEET
DRAWING DATE: NOVEMBER 6, 2026	DRAWING NUMBER: **G001**
DRAWING SCALE: 1/4" = 1'-0"	



1 D101 FIRST FLOOR DEMOLITION PLAN

SCALE: 1/8" = 1'-0" REF: 1 / A300

GENERAL DEMOLITION NOTES

1. EXISTING CONDITIONS SHOWN IN THIS DRAWING HAVE BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD SURVEY AND MAY NOT REPRESENT EXISTING CONDITIONS IN DETAIL OR DIMENSIONS. ALL EXISTING CONDITIONS TO BE VERIFIED IN FIELD BEFORE DEMOLITION. IF EXISTING CONDITIONS PREVENT THE EXECUTION OF THE WORK AS INDICATED HEREIN, NOTIFY THE ARCHITECT IN WRITING FOR DIRECTION.
2. RED DASHED LINES INDICATE ITEMS TO BE REMOVED.
3. THESE DRAWINGS DESCRIBE GENERAL BUILDING DEMOLITION. MECHANICAL, ELECTRICAL, AND PLUMBING HAVE SEPARATE DEMOLITION DRAWINGS SPECIFIC TO THEIR SCOPE OF WORK. COORDINATE DEMOLITION WITH OTHER TRADES.
4. ALL ITEMS TO BE DEMOLISHED SHALL BE REMOVED COMPLETELY, INCLUDING FASTENERS, BRACKETS, BRACES, TIES, HANGERS, SHIMS, PIPES, CONDUITS, ETC.
5. ALL ABANDONED OR UNUSED HOLES AND OPENINGS IN REMAINING EXISTING PARTITIONS, FLOORS, OR SLABS TO BE FILLED AND FINISHED TO MATCH ADJACENT. ALL EXISTING FIRE RATED CONSTRUCTION AND ASSEMBLIES AS REQUIRED TO MAINTAIN THEIR FIRE RATING.
6. ALL EXISTING SURFACES TO REMAIN SHALL BE PROTECTED FROM DAMAGE. IF DAMAGED, THEY SHALL BE RETURNED TO LIKE-NEW CONDITION.
7. THESE DRAWINGS DESCRIBE THE GENERAL LEVEL OF DEMOLITION THROUGHOUT THE ENTIRE PROJECT, IN ADDITION TO INFORMATION IN GENERAL NOTE #3 ON THIS SHEET, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PHASE THE DEMOLITION AS IT IS CONSISTENT WITH FUTURE CONSTRUCTION ACTIVITIES AND THE OWNER'S PARTIAL OCCUPANCY OF THE BUILDING. IT IS TO BE UNDERSTOOD BY THE CONTRACTOR THAT THE INSTALLATION OF THE NEW WORK WILL REQUIRE ADDITIONAL SELECTIVE DEMOLITION. FOR ANY SELECTIVE DEMOLITION WORK COMPLETED, CONTRACTOR TO FILL AND FINISH TO MATCH ADJACENT AND PREPARE AS REQUIRED FOR NEW WORK.

DEMOLITION KEY NOTES

1. EXISTING INTERIOR WALL OR DOOR TO BE REMOVED. ALL INTERIOR WALLS GRAPHICALLY SHOWN IN DASHED RED TO BE DEMOLISHED.
2. REMOVE ALL OBSOLETE ARTIFACTS AND DEVICES FROM WALLS AND CEILINGS. SEE MEP DRAWINGS FOR MORE INFORMATION.
3. REMOVE EXISTING FLOORING FINISH AND WALL FINISH, PATCH/REPAIR SUBFLOOR AS REQUIRED. EXISTING SLAB TO REMAIN.
4. HATCH INDICATES APPROXIMATE EXTENT OF SLAB REQUIRED TO BE REMOVED FOR UNDERSLAB PLUMBING UTILITY DEMOLITION AND NEW WORK. GC TO COORDINATE WITH PLUMBING DRAWINGS, KITCHEN DRAWINGS AND STRUCTURAL DRAWINGS.
5. REMOVE EXISTING OPERABLE PARTITION, INCLUDING ASSOCIATED PARTITIONS AND STRUCTURE IN ITS ENTIRITY
6. SALVAGE INTERIOR / EXTERIOR #11 FIRST RESPONDER SIGNAGE FOR REINSTALLATION.
7. REMOVE EXISTING STOREFRONT WINDOW SYSTEMS AND PREPARE OPENING FOR NEW AIR INTAKE LOUVERS
8. REMOVE EXISTING ACT CEILING, GRID, GYPSUM CEILING SOFFITS, LIGHT FIXTURES AND DEVICES.
9. NEW PENETRATION FOR EXHAUST DUCT AT SECOND FLOOR AND ROOF. REINFORCE JOISTS AND PROVIDE TYPICAL L6X4 SUPPORT ANGLE REINFORCEMENT AT COMPOSITE DECK AND ROOF DECK.

DEMOLITION LEGEND

- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE DEMOLISHED
- EXISTING DOOR TO BE DEMOLISHED
- EXISTING SLAB OR ROOF TO BE DEMOLISHED
- GRIDLINE
- 1 KEYNOTE
- NOT IN SCOPE

IDEA PUBLIC CHARTER SCHOOL
CULINARY TEACHING KITCHEN

1027 45th STREET NE,
WASHINGTON , DC 20019

OWNER
IDEA PUBLIC CHARTER SCHOOL
1027 45TH ST. NE
WASHINGTON DC, 20019
T (202) 399-4700
WWW.IDEAPCS.ORG

ARCHITECT
STUDIO**TWENTYSEVEN**ARCHITECTURE
805 15TH STREET NW
SUITE 430
WASHINGTON, DC 20005
T (202) 939. 0027
WWW.STUDIO27ARCH.COM

MEP ENGINEER
PROVECTUS, INC.
3141 FAIRVIEW PARK DRIVE, STE 645
FALLS CHURCH, VA 22042
T (703) 823-4694
WWW.PROVECTUSINC.COM

FOOD SERVICE
NYIKOS GARCIA FOOD SERVICE DESIGN, INC.
7146 STARMOUNT WAY
NEW MARKET, MD 21774
T (240) 683.5530
WWW.NYIKOSGARCIA.COM

PROJECT MANAGER
KLA CONSTRUCTION DC
1300 I ST, NW
WASHINGTON DC, 20005
WWW.KLACONSTRUCTIONDC.COM

GENERAL CONTRACTOR
MCN BUILD
1214 28TH ST, NW
WASHINGTON DC, 20007
T 202-437-6600
WWW.MCNBUILD.COM

STRUCTURAL ENGINEER
SK&A
12435 PARK POTOMAC AVENUE #300
POTOMAC, MD 20854
T: 301.881.1441
WWW.SKAENGINEERS.COM

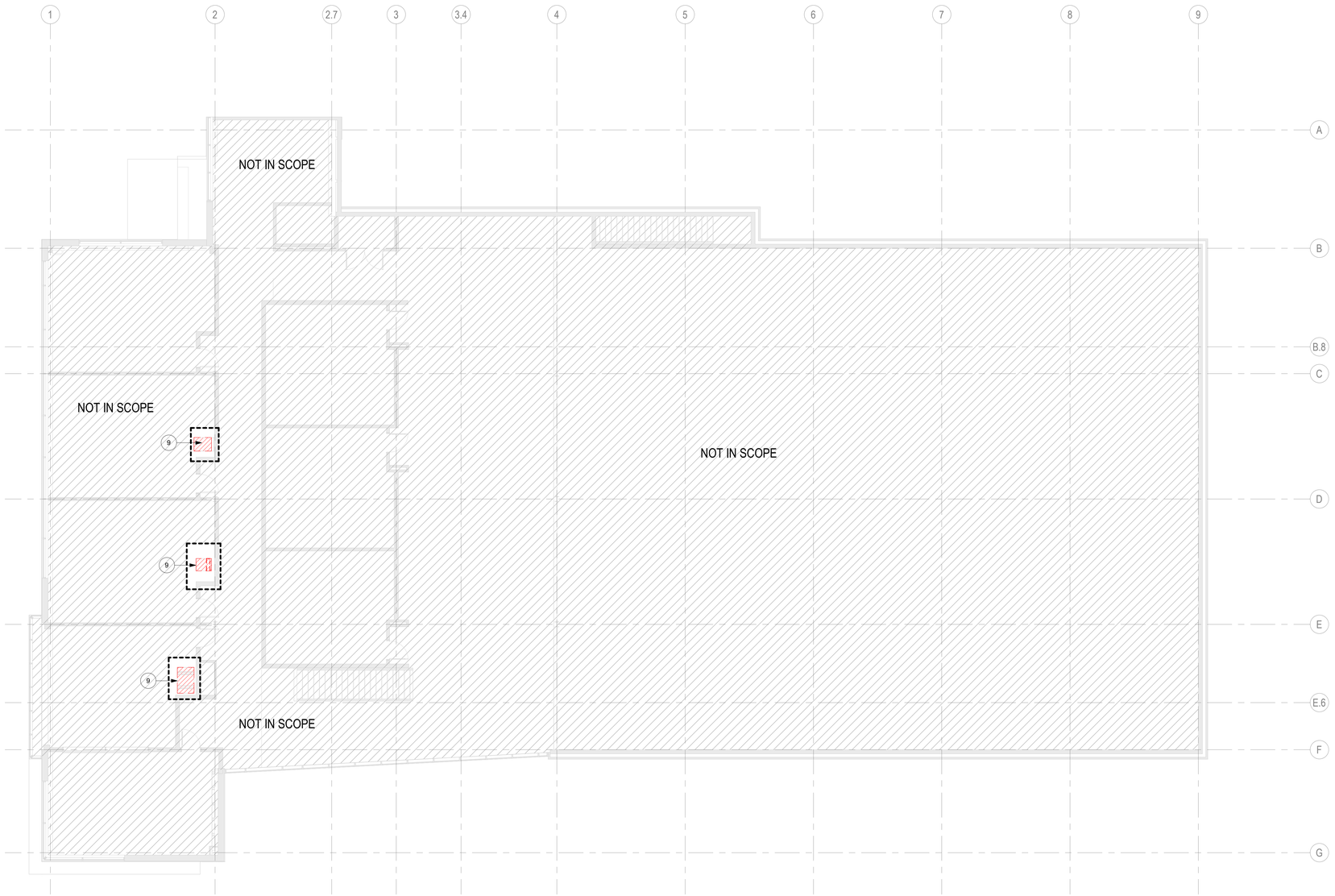
KEY PLAN

N

NO.	DATE	DESCRIPTION

PROGRESS SET

DRAWING TYPE: ARCHITECTURAL	DRAWING TITLE: FIRST FLOOR DEMOLITION PLAN
DRAWING DATE: NOVEMBER 6, 2026	DRAWING NUMBER: **D101**
DRAWING SCALE: 1/8" = 1'-0"	



1 D102 SECOND FLOOR DEMOLITION PLAN

SCALE: 1/8" = 1'-0"

GENERAL DEMOLITION NOTES

1. EXISTING CONDITIONS SHOWN IN THIS DRAWING HAVE BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD SURVEY AND MAY NOT REPRESENT EXISTING CONDITIONS IN DETAIL OR DIMENSIONS. ALL EXISTING CONDITIONS TO BE VERIFIED IN FIELD BEFORE DEMOLITION. IF EXISTING CONDITIONS PREVENT THE EXECUTION OF THE WORK AS INDICATED HEREIN, NOTIFY THE ARCHITECT IN WRITING FOR DIRECTION.
2. RED DASHED LINES INDICATE ITEMS TO BE REMOVED.
3. THESE DRAWINGS DESCRIBE GENERAL BUILDING DEMOLITION. MECHANICAL, ELECTRICAL, AND PLUMBING HAVE SEPARATE DEMOLITION DRAWINGS SPECIFIC TO THEIR SCOPE OF WORK. COORDINATE DEMOLITION WITH OTHER TRADES.
4. ALL ITEMS TO BE DEMOLISHED SHALL BE REMOVED COMPLETELY, INCLUDING FASTENERS, BRACKETS, BRACES, TIES, HANGERS, SHIMS, PIPES, CONDUITS, ETC.
5. ALL ABANDONED OR UNUSED HOLES AND OPENINGS IN REMAINING EXISTING PARTITIONS, FLOORS, OR SLABS TO BE FILLED AND FINISHED TO MATCH ADJACENT. ALL EXISTING FIRE RATED CONSTRUCTION AND ASSEMBLIES AS REQUIRED TO MAINTAIN THEIR FIRE RATING.
6. ALL EXISTING SURFACES TO REMAIN SHALL BE PROTECTED FROM DAMAGE. IF DAMAGED, THEY SHALL BE RETURNED TO LIKE-NEW CONDITION.
7. THESE DRAWINGS DESCRIBE THE GENERAL LEVEL OF DEMOLITION THROUGHOUT THE ENTIRE PROJECT, IN ADDITION TO INFORMATION IN GENERAL NOTE #3 ON THIS SHEET, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PHASE THE DEMOLITION AS IT IS CONSISTENT WITH FUTURE CONSTRUCTION ACTIVITIES AND THE OWNER'S PARTIAL OCCUPANCY OF THE BUILDING. IT IS TO BE UNDERSTOOD BY THE CONTRACTOR THAT THE INSTALLATION OF THE NEW WORK WILL REQUIRE ADDITIONAL SELECTIVE DEMOLITION. FOR ANY SELECTIVE DEMOLITION WORK COMPLETED, CONTRACTOR TO FILL AND FINISH TO MATCH ADJACENT AND PREPARE AS REQUIRED FOR NEW WORK.

DEMOLITION KEY NOTES

1. EXISTING INTERIOR WALL OR DOOR TO BE REMOVED. ALL INTERIOR WALLS GRAPHICALLY SHOWN IN DASHED RED TO BE DEMOLISHED.
2. REMOVE ALL OBSOLETE ARTIFACTS AND DEVICES FROM WALLS AND CEILINGS. SEE MEP DRAWINGS FOR MORE INFORMATION.
3. REMOVE EXISTING FLOORING FINISH AND WALL FINISH, PATCH/REPAIR SUBFLOOR AS REQUIRED. EXISTING SLAB TO REMAIN.
4. HATCH INDICATES APPROXIMATE EXTENT OF SLAB REQUIRED TO BE REMOVED FOR UNDERSLAB PLUMBING UTILITY DEMOLITION AND NEW WORK. GC TO COORDINATE WITH PLUMBING DRAWINGS, KITCHEN DRAWINGS AND STRUCTURAL DRAWINGS.
5. REMOVE EXISTING OPERABLE PARTITION, INCLUDING ASSOCIATED PARTITIONS AND STRUCTURE IN ITS ENTIRITY
6. SALVAGE INTERIOR / EXTERIOR #11 FIRST RESPONDER SIGNAGE FOR REINSTALLATION.
7. REMOVE EXISTING STOREFRONT WINDOW SYSTEMS AND PREPARE OPENING FOR NEW AIR INTAKE LOUVERS
8. REMOVE EXISTING ACT CEILING, GRID, GYPSUM CEILING SOFFITS, LIGHT FIXTURES AND DEVICES.
9. NEW PENETRATION FOR EXHAUST DUCT AT SECOND FLOOR AND ROOF. REINFORCE JOISTS AND PROVIDE TYPICAL L6X4 SUPPORT ANGLE REINFORCEMENT AT COMPOSITE DECK AND ROOF DECK

DEMOLITION LEGEND

- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE DEMOLISHED
- EXISTING DOOR TO BE DEMOLISHED
- EXISTING SLAB OR ROOF TO BE DEMOLISHED
- GRIDLINE
- 1 KEYNOTE
- NOT IN SCOPE

IDEA PUBLIC CHARTER SCHOOL
CULINARY TEACHING KITCHEN

1027 45th STREET NE,
WASHINGTON , DC 20019

OWNER
IDEA PUBLIC CHARTER SCHOOL
1027 45TH ST, NE
WASHINGTON DC, 20019
T (202) 399-4700
WWW.IDEAPCS.ORG

ARCHITECT
STUDIO**TWENTYSEVEN**ARCHITECTURE
805 15TH STREET NW
SUITE 430
WASHINGTON, DC 20005
T. (202) 939. 0027
WWW.STUDIO27ARCH.COM

MEP ENGINEER
PROVECTUS, INC.
3141 FAIRVIEW PARK DRIVE, STE 645
FALLS CHURCH, VA 22042
T. (703) 823-4894
WWW.PROVECTUSINC.COM

FOOD SERVICE
NYIKOS GARCIA FOOD SERVICE DESIGN, INC.
7146 STARMOUNT WAY
NEW MARKET, MD 21774
T. (240) 683.9530
WWW.NYIKOSGARCIA.COM

PROJECT MANAGER
KLA CONSTRUCTION DC
1300 I ST, NW
WASHINGTON DC, 20005
T
WWW.KLACONSTRUCTIONDC.COM

GENERAL CONTRACTOR
MCN BUILD
1214 28TH ST, NW
WASHINGTON DC, 20007
T 202-437-6600
WWW.MCNBUILD.COM

STRUCTURAL ENGINEER
SK&A
12435 PARK POTOMAC AVENUE #300
POTOMAC, MD 20854
T: 301.881.1441
WWW.SKAENGINEERS.COM

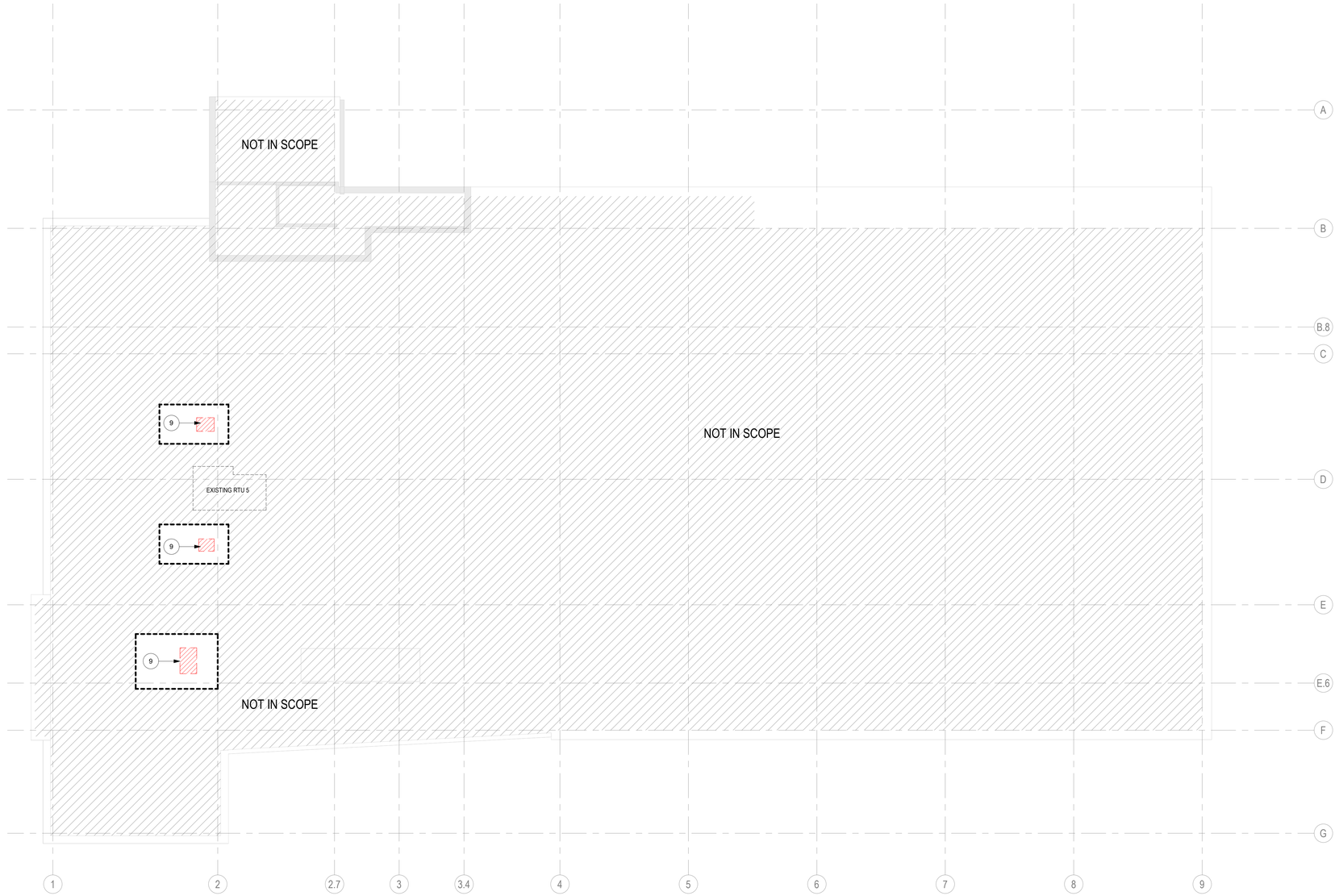
KEY PLAN

N

NO.	DATE	DESCRIPTION

PROGRESS SET

DRAWING TYPE: ARCHITECTURAL	DRAWING TITLE: SECOND FLOOR DEMOLITION PLAN
DRAWING DATE: NOVEMBER 6, 2026	DRAWING NUMBER: **D102**
DRAWING SCALE: 1/8" = 1'-0"	



1 D103 ROOF DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

GENERAL DEMOLITION NOTES

1. EXISTING CONDITIONS SHOWN IN THIS DRAWING HAVE BEEN OBTAINED FROM AVAILABLE BUILDING DRAWINGS OR GENERAL FIELD SURVEY AND MAY NOT REPRESENT EXISTING CONDITIONS IN DETAIL OR DIMENSIONS. ALL EXISTING CONDITIONS TO BE VERIFIED IN FIELD BEFORE DEMOLITION. IF EXISTING CONDITIONS PREVENT THE EXECUTION OF THE WORK AS INDICATED HEREIN, NOTIFY THE ARCHITECT IN WRITING FOR DIRECTION.
2. RED DASHED LINES INDICATE ITEMS TO BE REMOVED.
3. THESE DRAWINGS DESCRIBE GENERAL BUILDING DEMOLITION. MECHANICAL, ELECTRICAL, AND PLUMBING HAVE SEPARATE DEMOLITION DRAWINGS SPECIFIC TO THEIR SCOPE OF WORK. COORDINATE DEMOLITION WITH OTHER TRADES.
4. ALL ITEMS TO BE DEMOLISHED SHALL BE REMOVED COMPLETELY, INCLUDING FASTENERS, BRACKETS, BRACES, TIES, HANGERS, SHIMS, PIPES, CONDUITS, ETC.
5. ALL ABANDONED OR UNUSED HOLES AND OPENINGS IN REMAINING EXISTING PARTITIONS, FLOORS, OR SLABS TO BE FILLED AND FINISHED TO MATCH ADJACENT. ALL EXISTING FIRE RATED CONSTRUCTION AND ASSEMBLIES AS REQUIRED TO MAINTAIN THEIR FIRE RATING.
6. ALL EXISTING SURFACES TO REMAIN SHALL BE PROTECTED FROM DAMAGE. IF DAMAGED, THEY SHALL BE RETURNED TO LIKE-NEW CONDITION.
7. THESE DRAWINGS DESCRIBE THE GENERAL LEVEL OF DEMOLITION THROUGHOUT THE ENTIRE PROJECT, IN ADDITION TO INFORMATION IN GENERAL NOTE #3 ON THIS SHEET, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PHASE THE DEMOLITION AS IT IS CONSISTENT WITH FUTURE CONSTRUCTION ACTIVITIES AND THE OWNER'S PARTIAL OCCUPANCY OF THE BUILDING. IT IS TO BE UNDERSTOOD BY THE CONTRACTOR THAT THE INSTALLATION OF THE NEW WORK WILL REQUIRE ADDITIONAL SELECTIVE DEMOLITION. FOR ANY SELECTIVE DEMOLITION WORK COMPLETED, CONTRACTOR TO FILL AND FINISH TO MATCH ADJACENT AND PREPARE AS REQUIRED FOR NEW WORK.

DEMOLITION KEY NOTES

1. EXISTING INTERIOR WALL OR DOOR TO BE REMOVED. ALL INTERIOR WALLS GRAPHICALLY SHOWN IN DASHED RED TO BE DEMOLISHED.
2. REMOVE ALL OBSOLETE ARTIFACTS AND DEVICES FROM WALLS AND CEILINGS. SEE MEP DRAWINGS FOR MORE INFORMATION.
3. REMOVE EXISTING FLOORING FINISH AND WALL FINISH, PATCH/REPAIR SUBFLOOR AS REQUIRED. EXISTING SLAB TO REMAIN.
4. HATCH INDICATES APPROXIMATE EXTENT OF SLAB REQUIRED TO BE REMOVED FOR UNDERSLAB PLUMBING UTILITY DEMOLITION AND NEW WORK. GC TO COORDINATE WITH PLUMBING DRAWINGS, KITCHEN DRAWINGS AND STRUCTURAL DRAWINGS.
5. REMOVE EXISTING OPERABLE PARTITION, INCLUDING ASSOCIATED PARTITIONS AND STRUCTURE IN ITS ENTIRITY
6. SALVAGE INTERIOR / EXTERIOR #11 FIRST RESPONDER SIGNAGE FOR REINSTALLATION.
7. REMOVE EXISTING STOREFRONT WINDOW SYSTEMS AND PREPARE OPENING FOR NEW AIR INTAKE LOUVERS
8. REMOVE EXISTING ACT CEILING, GRID, GYPSUM CEILING SOFFITS, LIGHT FIXTURES AND DEVICES.
9. NEW PENETRATION FOR EXHAUST DUCT AT SECOND FLOOR AND ROOF. REINFORCE JOISTS AND PROVIDE TYPICAL L6X4 SUPPORT ANGLE REINFORCEMENT AT COMPOSITE DECK AND ROOF DECK

DEMOLITION LEGEND

- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE DEMOLISHED
- EXISTING DOOR TO BE DEMOLISHED
- EXISTING SLAB OR ROOF TO BE DEMOLISHED
- GRIDLINE
- 1 KEYNOTE
- NOT IN SCOPE

IDEA PUBLIC CHARTER SCHOOL
CULINARY TEACHING KITCHEN
1027 45th STREET NE,
WASHINGTON , DC 20019

OWNER
IDEA PUBLIC CHARTER SCHOOL
1027 45TH ST. NE
WASHINGTON DC, 20019
T (202) 399-4750
WWW.IDEAPCS.ORG

ARCHITECT
STUDIO**TWENTYSEVEN**ARCHITECTURE
805 15TH STREET NW
SUITE 430
WASHINGTON, DC 20005
T (202) 939. 0027
WWW.STUDIO27ARCH.COM

MEP ENGINEER
PROVECTUS, INC.
3141 FAIRVIEW PARK DRIVE, STE 645
FALLS CHURCH, VA 22042
T (703) 823-4894
WWW.PROVECTUSINC.COM

FOOD SERVICE
NYIKOS GARCIA FOOD SERVICE DESIGN, INC.
7146 STARMOUNT WAY
NEW MARKET, MD 21774
T (240) 693.9530
WWW.NYIKOSGARCIA.COM

PROJECT MANAGER
KLA CONSTRUCTION DC
1300 I ST, NW
WASHINGTON DC, 20005
T
WWW.KLACONSTRUCTIONDC.COM

GENERAL CONTRACTOR
MCN BUILD
1214 28TH ST, NW
WASHINGTON DC, 20007
T 202-437-6600
WWW.MCNBUILD.COM

STRUCTURAL ENGINEER
SK&A
12435 PARK POTOMAC AVENUE #300
POTOMAC, MD 20854
T: 301.881.1441
WWW.SKAENGINEERS.COM

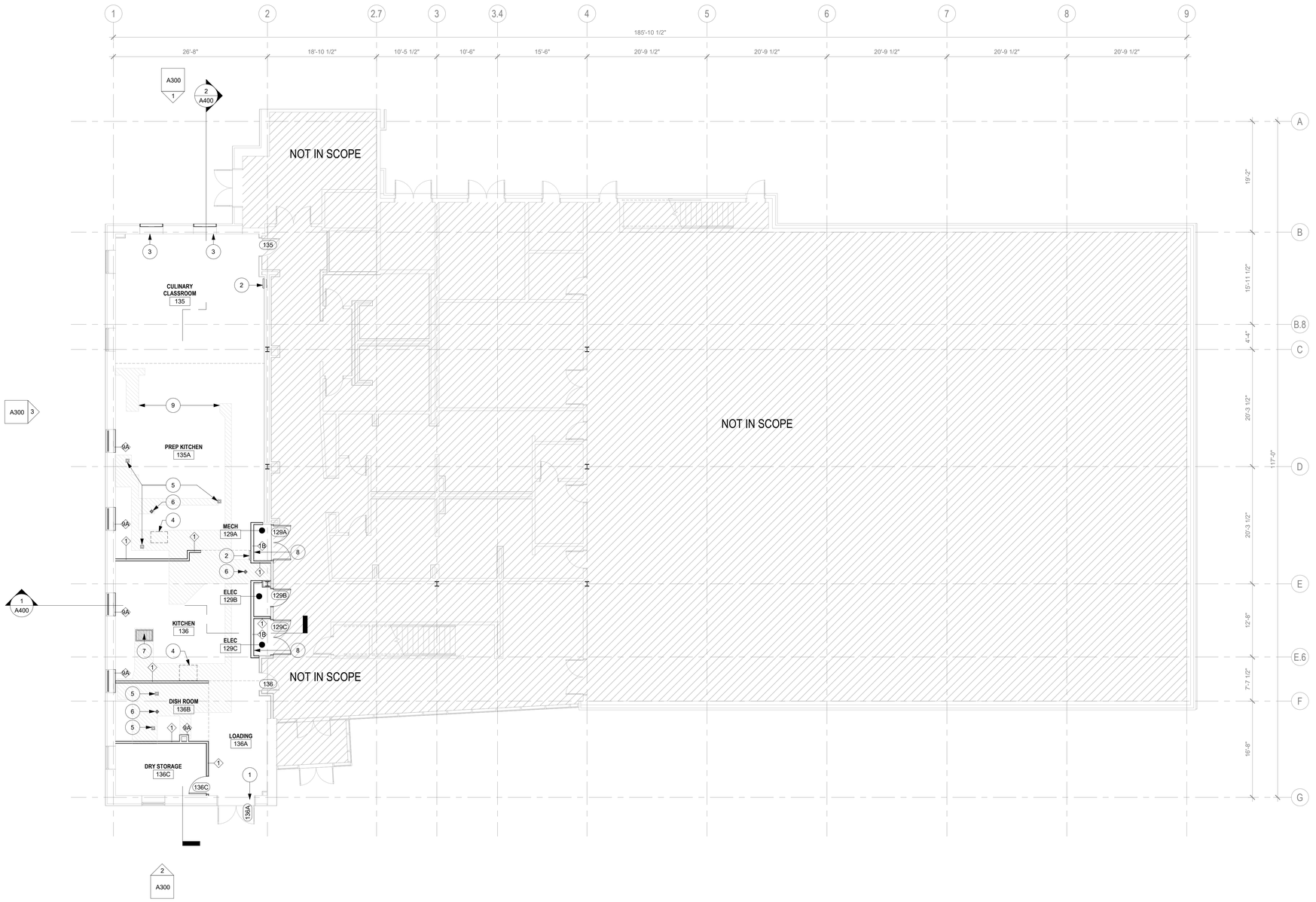
KEY PLAN

N

NO.	DATE	DESCRIPTION

PROGRESS SET

DRAWING TYPE: ARCHITECTURAL	DRAWING TITLE: ROOF DEMOLITION PLAN
DRAWING DATE: NOVEMBER 6, 2026	DRAWING NUMBER: **D103**
DRAWING SCALE: 1/8" = 1'-0"	



1 A101 FIRST FLOOR PLAN

SCALE: 1/8" = 1'-0"

REF: 1 / A300

GENERAL NOTES

1. ALL GRID LINES AND COLUMN DESIGNATIONS INDICATE EXISTING STRUCTURAL FRAMING AND DIMENSIONS. VERIFY IN FIELD.
2. VERIFY ALL DIMENSIONS MEASUREMENTS, CONDITIONS AND CLEARANCES IN FIELD PRIOR TO SUBMISSION OF SHOP DRAWINGS, FABRICATION AND INSTALLATION.
3. REFER TO KITCHEN CONSULTANTS DRAWINGS FOR SPECIFIC LOCATIONS OF KITCHEN ELEMENTS AND EQUIPMENT.
4. CONTRACTOR SHALL PROVIDE ALL BLOCKING AND ANCHORAGE AS REQUIRE FOR PROPER INSTALLATION OF NEW WORK INCLUDING FIXTURES, CABINETS, APPLIANCES, EQUIPMENT, ETC.
5. ALL EXISTING WALLS TO BE REPAINTED, REPAIRED AS REQUIRED.
6. FOR FINISH SCHEDULE SEE SHEET A-601
7. SEE SHEET A-70X FOR ENLARGED INTERIOR ELEVATIONS

PLAN KEY NOTES

1. AIR CURTAIN OVER DOOR LEADING TO EXTERIOR. SEE KITCHEN CONSULTANT DRAWINGS FOR SPECIFICATION
2. NEW TYPE CLASS K FIRE EXTINGUISHER. SEE CODE COMPLIANCE SHEET FOR MORE INFORMATION.
3. NEW AIR INTAKE LOUVER TO BE INSTALLED AT EXISTING WALL OPENING FROM DEMOLISHED STOREFRONT WINDOW.
4. RECESSED GREASE INTERCEPTOR. SEE MEP AND STRUCTURAL DRAWINGS. GC TO COORDINATE WITH 3 COMP SINK AND MANUFACTURERS INSTALLATION GUIDE FOR BACKFILL REQUIREMENTS.
5. FLOOR SINK, SEE PLUMBING AND KITCHEN DRAWINGS
6. FLOOR DRAIN, SEE PLUMBING AND KITCHEN DRAWINGS
7. FLOOR TROUGH, SEE PLUMBING AND KITCHEN DRAWINGS
8. NEW ELECTRICAL PANELS AND TRANSFORMER. SEE MEP FOR MORE INFORMATION.
9. HATCH INDICATES APPROXIMATE AREA OF SLAB ON GRADE TO BE PATCHED. GC TO COORDINATE EXACT EXTENTS WITH UNDERSLAB UTILITY DEMOLITION AND NEW WORK, SEE PLUMBING DRAWINGS. SEE STRUCTURAL DRAWINGS FOR SLAB ON GRADE PATCHING DETAILS.
10. NEW FLOOR / ROOF OPENING, COORDINATE STRUCTURAL REINFORCEMENT WITH STRUCTURAL DRAWINGS.
11. EXISTING MECHANICAL UNIT- SEE MEP DRAWINGS
12. NEW MECHANICAL EXHAUST FANS, SEE MEP DRAWINGS. ALL PENETRATIONS TO EXISTING ROOFING TO BE FLASHED TO MATCH ADJACENT INSTALLATION. SEE STRUCTURAL DRAWINGS FOR REINFORCEMENT DETAILS.

PLAN LEGEND

- GRIDLINE
- 2-HR RATED PARTITION
- (1) KEYNOTE
- 1 NEW PARTITION TYPE
- X WINDOW / STOREFRONT / CURTAIN WALL TYPE
- XX-1 EQUIPMENT TYPE

IDEA PUBLIC CHARTER SCHOOL
CULINARY TEACHING KITCHEN

1027 45th STREET NE,
WASHINGTON , DC 20019

OWNER
IDEA PUBLIC CHARTER SCHOOL
1027 45TH ST, NE
WASHINGTON, DC, 20019
T (202) 399-4783
WWW.IDEAPCS.ORG

ARCHITECT
STUDIO**TWENTYSEVEN**ARCHITECTURE
800 16TH STREET NW
SUITE 410
WASHINGTON, DC 20005
T (202) 939. 0027
WWW.STUDIO27ARCH.COM

MEP ENGINEER
PROVECTUS, INC.
3141 FAIRVIEW PARK DRIVE, STE 645
FALLS CHURCH, VA 22042
T (703) 923-4694
WWW.PROVECTUSINC.COM

FOOD SERVICE
NYIKOS GARCIA FOOD SERVICE DESIGN, INC.
7146 STAMPMOUNT WAY
NEW MARKET, MD 21774
T (240) 993-9530
WWW.NYIKOSGARCIA.COM

PROJECT MANAGER
KLA CONSTRUCTION DC
1300 I ST, NW
WASHINGTON DC, 20005
T
WWW.KLACONSTRUCTIONDC.COM

GENERAL CONTRACTOR
MCN BUILD
1214 28TH ST, NW
WASHINGTON DC, 20007
T 202-437-6600
WWW.MCNBUILD.COM

STRUCTURAL ENGINEER
SK&A
12435 PARK POTOMAC AVENUE #300
POTOMAC, MD 20854
T. 301.881.1441
WWW.SKAENGINEERS.COM

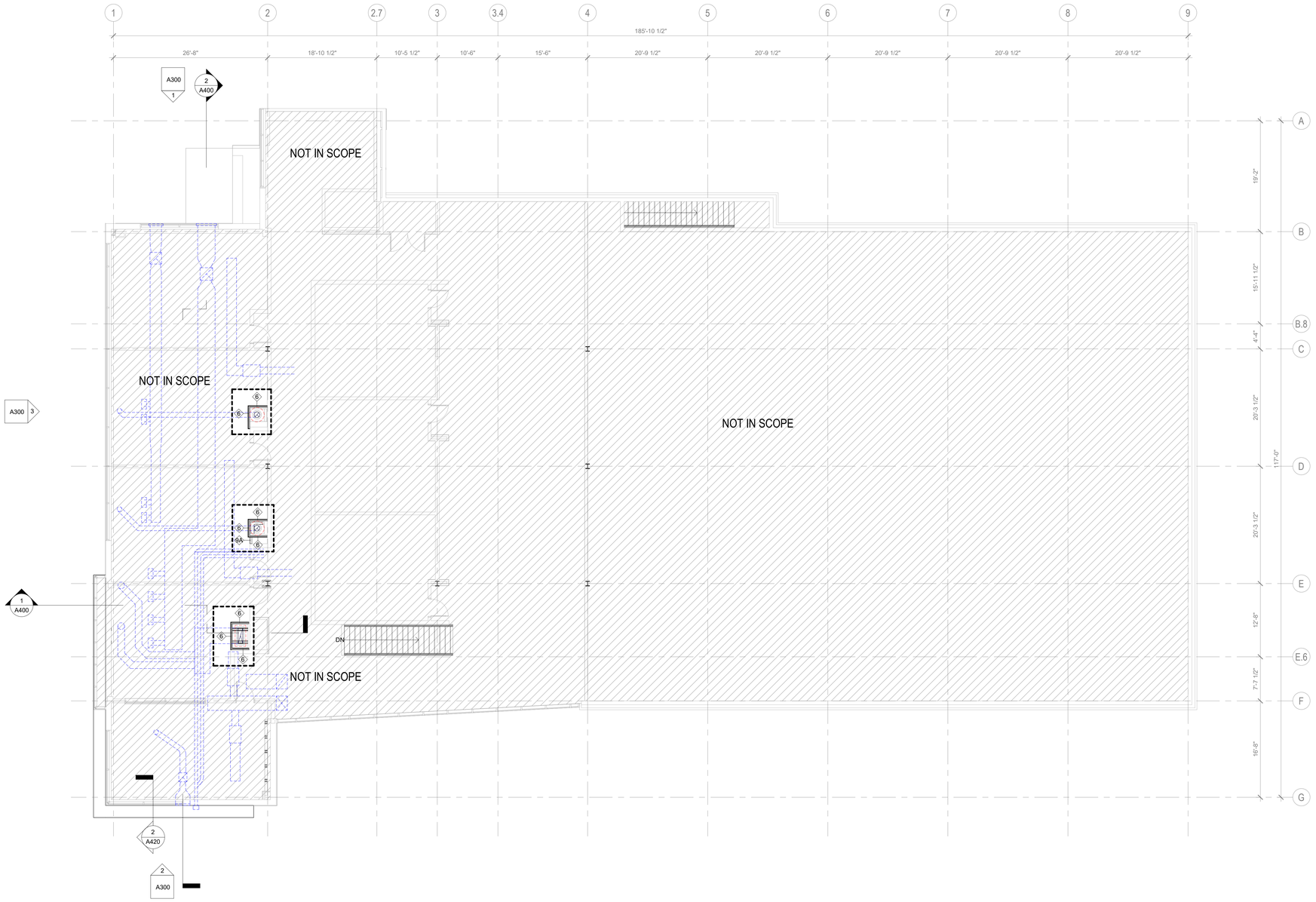
KEY PLAN

N

NO.	DATE	DESCRIPTION

PROGRESS SET

DRAWING TYPE: ARCHITECTURAL	DRAWING TITLE: FIRST FLOOR PLAN
DRAWING DATE: NOVEMBER 6, 2026	DRAWING NUMBER: **A101**
DRAWING SCALE: 1/8" = 1'-0"	



1 A102 SECOND FLOOR

SCALE: 1/8" = 1'-0"

GENERAL NOTES

1. ALL GRID LINES AND COLUMN DESIGNATIONS INDICATE EXISTING STRUCTURAL FRAMING AND DIMENSIONS. VERIFY IN FIELD.
2. VERIFY ALL DIMENSIONS MEASUREMENTS, CONDITIONS AND CLEARANCES IN FIELD PRIOR TO SUBMISSION OF SHOP DRAWINGS, FABRICATION AND INSTALLATION.
3. REFER TO KITCHEN CONSULTANTS DRAWINGS FOR SPECIFIC LOCATIONS OF KITCHEN ELEMENTS AND EQUIPMENT.
4. CONTRACTOR SHALL PROVIDE ALL BLOCKING AND ANCHORAGE AS REQUIRE FOR PROPER INSTALLATION OF NEW WORK INCLUDING FIXTURES, CABINETS, APPLIANCES, EQUIPMENT, ETC.
5. ALL EXISTING WALLS TO BE REPAINTED, REPAIRED AS REQUIRED.
6. FOR FINISH SCHEDULE SEE SHEET A-601
7. SEE SHEET A-70X FOR ENLARGED INTERIOR ELEVATIONS

PLAN KEY NOTES

1. AIR CURTAIN OVER DOOR LEADING TO EXTERIOR. SEE KITCHEN CONSULTANT DRAWINGS FOR SPECIFICATION
2. NEW TYPE CLASS K FIRE EXTINGUISHER. SEE CODE COMPLIANCE SHEET FOR MORE INFORMATION.
3. NEW AIR INTAKE LOUVER TO BE INSTALLED AT EXISTING WALL OPENING FROM DEMOLISHED STOREFRONT WINDOW.
4. RECESSED GREASE INTERCEPTOR. SEE MEP AND STRUCTURAL DRAWINGS. GC TO COORDINATE WITH 3 COMP SINK AND MANUFACTURERS INSTALLATION GUIDE FOR BACKFILL REQUIREMENTS.
5. FLOOR SINK, SEE PLUMBING AND KITCHEN DRAWINGS
6. FLOOR DRAIN, SEE PLUMBING AND KITCHEN DRAWINGS
7. FLOOR TROUGH, SEE PLUMBING AND KITCHEN DRAWINGS
8. NEW ELECTRICAL PANELS AND TRANSFORMER. SEE MEP FOR MORE INFORMATION.
9. HATCH INDICATES APPROXIMATE AREA OF SLAB ON GRADE TO BE PATCHED. GC TO COORDINATE EXACT EXTENTS WITH UNDERSLAB UTILITY DEMOLITION AND NEW WORK. SEE PLUMBING DRAWINGS. SEE STRUCTURAL DRAWINGS FOR SLAB ON GRADE PATCHING DETAILS.
10. NEW FLOOR / ROOF OPENING. COORDINATE STRUCTURAL REINFORCEMENT WITH STRUCTURAL DRAWINGS.
11. EXISTING MECHANICAL UNIT- SEE MEP DRAWINGS
12. NEW MECHANICAL EXHAUST FANS, SEE MEP DRAWINGS. ALL PENETRATIONS TO EXISTING ROOFING TO BE FLASHED TO MATCH ADJACENT INSTALLATION. SEE STRUCTURAL DRAWINGS FOR REINFORCEMENT DETAILS.

PLAN LEGEND

- GRIDLINE
- 2-HR RATED PARTITION
- (1) KEYNOTE
- [1] NEW PARTITION TYPE
- (X) WINDOW / STOREFRONT / CURTAIN WALL TYPE
- [XX-1] EQUIPMENT TYPE

IDEA PUBLIC CHARTER SCHOOL
CULINARY TEACHING KITCHEN

1027 45th STREET NE,
WASHINGTON , DC 20019

OWNER
IDEA PUBLIC CHARTER SCHOOL
1027 45TH ST, NE
WASHINGTON DC, 20019
T (202) 399-4750
WWW.IDEAPCS.ORG

ARCHITECT
STUDIO**TWENTYSEVEN**ARCHITECTURE
805 15TH STREET NW
SUITE 430
WASHINGTON, DC 20005
T (202) 939. 0027
WWW.STUDIO27ARCH.COM

MEP ENGINEER
PROVECTUS, INC.
3141 FAIRVIEW PARK DRIVE, STE 645
FALLS CHURCH, VA 22042
T (703) 823-4694
WWW.PROVECTUSINC.COM

FOOD SERVICE
NYIKOS GARCIA FOOD SERVICE DESIGN, INC.
7146 STARMOUNT WAY
NEW MARKET, MD 21774
T (240) 683.9530
WWW.NYIKOSGARCIA.COM

PROJECT MANAGER
KLA CONSTRUCTION DC
1300 I ST, NW
WASHINGTON DC, 20005
T
WWW.KLACONSTRUCTIONDC.COM

GENERAL CONTRACTOR
MCN BUILD
1214 28TH ST, NW
WASHINGTON DC, 20007
T 202-437-6800
WWW.MCNBUILD.COM

STRUCTURAL ENGINEER
SK&A
12435 PARK POTOMAC AVENUE #300
POTOMAC, MD 20854
T 301.881.1441
WWW.SKAENGINEERS.COM

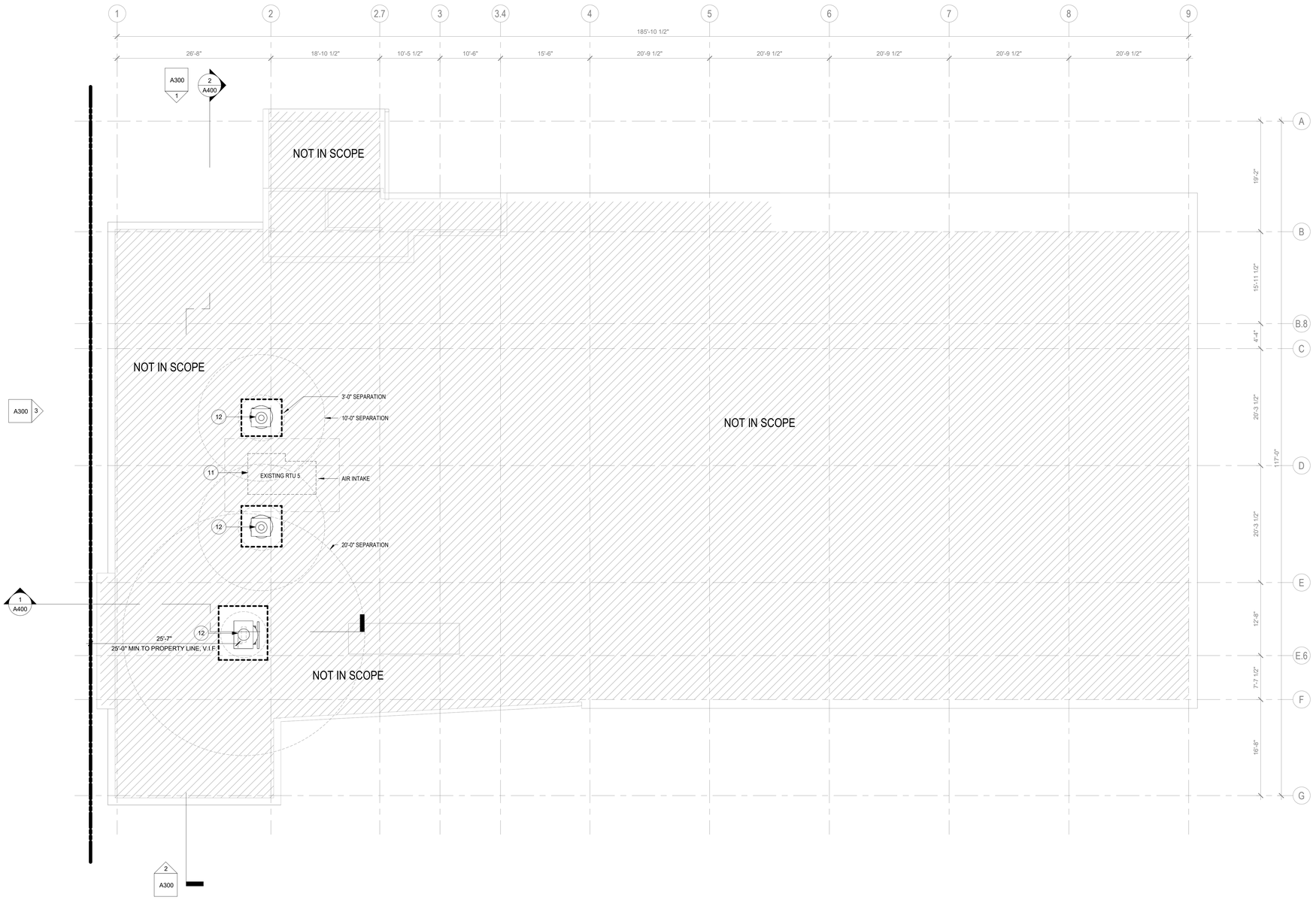
KEY PLAN

N

NO.	DATE	DESCRIPTION

PROGRESS SET

DRAWING TYPE: ARCHITECTURAL	DRAWING TITLE: SECOND FLOOR PLAN
DRAWING DATE: NOVEMBER 6, 2026	DRAWING NUMBER: **A102**
DRAWING SCALE: 1/8" = 1'-0"	



1 A103 ROOF PLAN
SCALE: 1/8" = 1'-0"

GENERAL NOTES

1. ALL GRID LINES AND COLUMN DESIGNATIONS INDICATE EXISTING STRUCTURAL FRAMING AND DIMENSIONS. VERIFY IN FIELD.
2. VERIFY ALL DIMENSIONS MEASUREMENTS, CONDITIONS AND CLEARANCES IN FIELD PRIOR TO SUBMISSION OF SHOP DRAWINGS, FABRICATION AND INSTALLATION.
3. REFER TO KITCHEN CONSULTANTS DRAWINGS FOR SPECIFIC LOCATIONS OF KITCHEN ELEMENTS AND EQUIPMENT.
4. CONTRACTOR SHALL PROVIDE ALL BLOCKING AND ANCHORAGE AS REQUIRE FOR PROPER INSTALLATION OF NEW WORK INCLUDING FIXTURES, CABINETS, APPLIANCES, EQUIPMENT, ETC.
5. ALL EXISTING WALLS TO BE REPAINTED, REPAIRED AS REQUIRED.
6. FOR FINISH SCHEDULE SEE SHEET A-601
7. SEE SHEET A-70X FOR ENLARGED INTERIOR ELEVATIONS

PLAN KEY NOTES

1. AIR CURTAIN OVER DOOR LEADING TO EXTERIOR. SEE KITCHEN CONSULTANT DRAWINGS FOR SPECIFICATION
2. NEW TYPE CLASS K FIRE EXTINGUISHER. SEE CODE COMPLIANCE SHEET FOR MORE INFORMATION.
3. NEW AIR INTAKE LOUVER TO BE INSTALLED AT EXISTING WALL OPENING FROM DEMOLISHED STOREFRONT WINDOW.
4. RECESSED GREASE INTERCEPTOR. SEE MEP AND STRUCTURAL DRAWINGS. GC TO COORDINATE WITH 3 COMP SINK AND MANUFACTURERS INSTALLATION GUIDE FOR BACKFILL REQUIREMENTS.
5. FLOOR SINK, SEE PLUMBING AND KITCHEN DRAWINGS
6. FLOOR DRAIN, SEE PLUMBING AND KITCHEN DRAWINGS
7. FLOOR TROUGH, SEE PLUMBING AND KITCHEN DRAWINGS
8. NEW ELECTRICAL PANELS AND TRANSFORMER. SEE MEP FOR MORE INFORMATION.
9. HATCH INDICATES APPROXIMATE AREA OF SLAB ON GRADE TO BE PATCHED. GC TO COORDINATE EXACT EXTENTS WITH UNDERSLAB UTILITY DEMOLITION AND NEW WORK, SEE PLUMBING DRAWINGS. SEE STRUCTURAL DRAWINGS FOR SLAB ON GRADE PATCHING DETAILS.
10. NEW FLOOR / ROOF OPENING, COORDINATE STRUCTURAL REINFORCEMENT WITH STRUCTURAL DRAWINGS.
11. EXISTING MECHANICAL UNIT- SEE MEP DRAWINGS
12. NEW MECHANICAL EXHAUST FANS, SEE MEP DRAWINGS. ALL PENETRATIONS TO EXISTING ROOFING TO BE FLASHED TO MATCH ADJACENT INSTALLATION. SEE STRUCTURAL DRAWINGS FOR REINFORCEMENT DETAILS.

PLAN LEGEND

- GRIDLINE
- 2-HR RATED PARTITION
- (1) KEYNOTE
- [1] NEW PARTITION TYPE
- (X) WINDOW / STOREFRONT / CURTAIN WALL TYPE
- [XX-1] EQUIPMENT TYPE

IDEA PUBLIC CHARTER SCHOOL
CULINARY TEACHING KITCHEN

1027 45th STREET NE,
WASHINGTON , DC 20019

OWNER
IDEA PUBLIC CHARTER SCHOOL
1027 45TH ST, NE
WASHINGTON DC, 20019
T (202) 399-4700
WWW.IDEAPCS.ORG

ARCHITECT
STUDIO**TWENTYSEVEN**ARCHITECTURE
805 15TH STREET NW
SUITE 430
WASHINGTON, DC 20005
T. (202) 939. 0027
WWW.STUDIO27ARCH.COM

MEP ENGINEER
PROVECTUS, INC.
3141 FAIRVIEW PARK DRIVE, STE 645
FALLS CHURCH, VA 22042
T. (703) 823-4894
WWW.PROVECTUSINC.COM

FOOD SERVICE
NYIKOS GARCIA FOOD SERVICE DESIGN, INC.
7146 STARMOUNT WAY
NEW MARKET, MD 21774
T. (240) 683.9530
WWW.NYIKOSGARCIA.COM

PROJECT MANAGER
KLA CONSTRUCTION DC
1300 I ST, NW
WASHINGTON DC, 20005
T
WWW.KLACONSTRUCTIONDC.COM

GENERAL CONTRACTOR
MCN BUILD
1214 28TH ST, NW
WASHINGTON DC, 20007
T 202-437-6600
WWW.MCNBUILD.COM

STRUCTURAL ENGINEER
SK&A
12435 PARK POTOMAC AVENUE #300
POTOMAC, MD 20854
T: 301.881.1441
WWW.SKAENGINEERS.COM

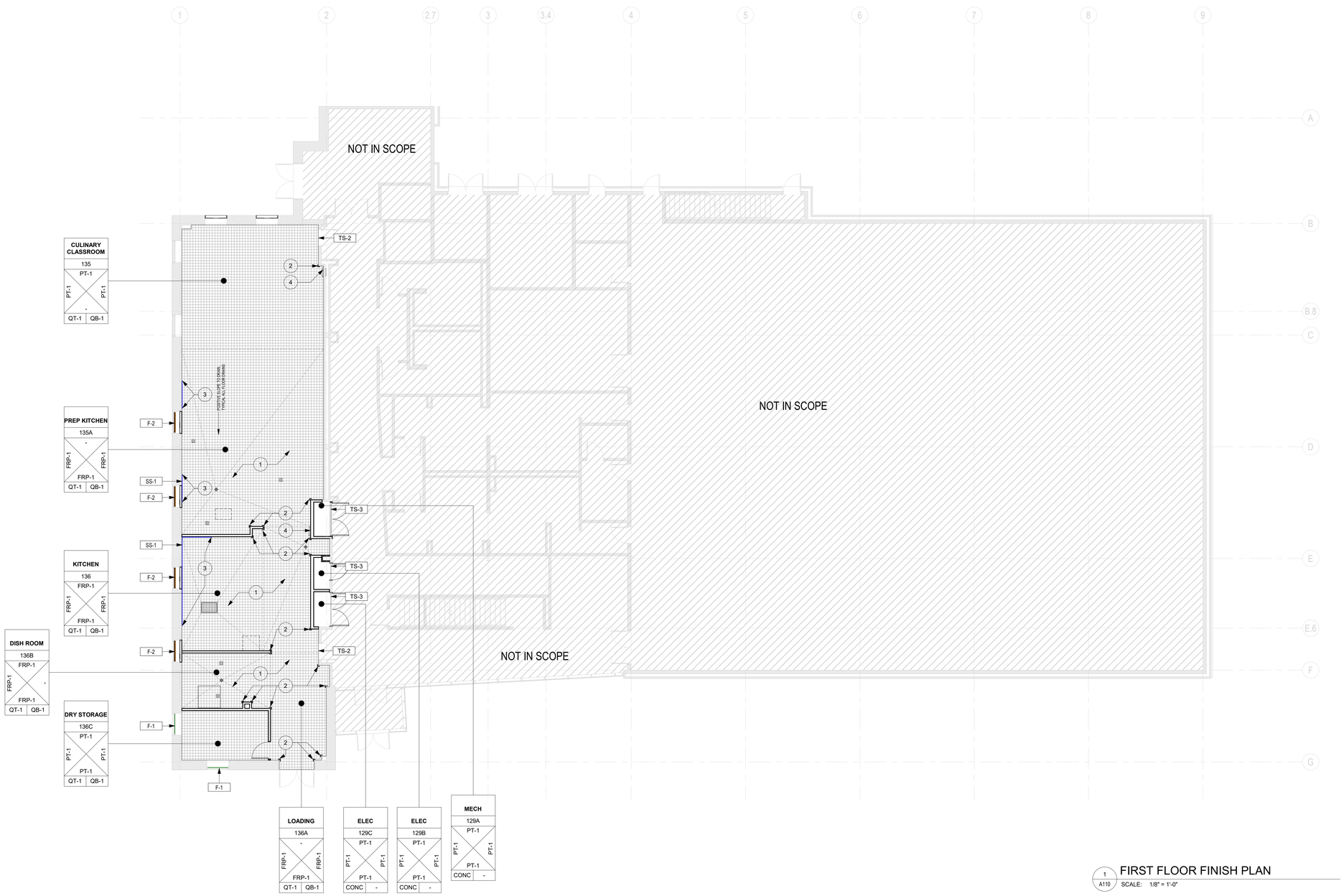
KEY PLAN

N

NO.	DATE	DESCRIPTION

PROGRESS SET

DRAWING TYPE: ARCHITECTURAL	DRAWING TITLE: ROOF PLAN
DRAWING DATE: NOVEMBER 6, 2026	DRAWING NUMBER: **A103**
DRAWING SCALE: 1/8" = 1'-0"	



1 A110 FIRST FLOOR FINISH PLAN

SCALE: 1/8" = 1'-0"

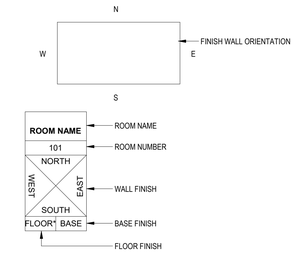
FINISH FLOOR PLAN GENERAL NOTES

1. REFER TO INTERIOR ELEVATIONS FOR EXTENT OF WALL FINISHES.
2. EXISTING INTERIOR WALLS TO RECEIVE NEW PAINTS. PATCH AND REPAIR WALL SURFACES AS NEEDED.
3. ALL SUB-SURFACES SHALL BE FILLED AND SMOOTHED PRIOR TO NEW FLOOR INSTALLATION TO ENSURE LEVELNESS. NEW FLOOR FINISHES SHALL BE LEVELED WITH ABUTTING EXISTING FLOORS.
4. WHERE FRP PANELS ARE SPECIFIED THEY SHALL BE IN FULL HEIGHT. SEE INTERIOR ELEVATIONS AND MATERIAL SCHEDULE FOR MORE INFORMATION. INSTALL ALL APPLICABLE TRIM MOLDINGS PER MANUFACTURER'S TYPICAL DETAILS.
5. FINISHES SHALL EXTEND OVER, UNDER AND/OR BEHIND ANY ITEM OF EQUIPMENT, BUILT-IN, MIRRORS, ETC. AS INDICATED ON THE DRAWINGS.
6. COLORS OF SURFACE MOUNTED ELECTRICAL CONDUITS, SWITCHES AND OUTLETS SHALL MATCH ADJACENT WALL FINISH.
7. FURNISH AND INSTALL STAINLESS STEEL CORNER GUARDS AT ALL KITCHEN AND SERVICE CORNERS AT TILE AND DRYWALL LOCATIONS OR TO TERMINATE A FINISH AS SHOWN IN THE ENLARGED ELEVATIONS, U.O.N.
8. UNLESS OTHERWISE NOTED: ALL WALL PAINT SHALL BE EGGSHELL FINISH, ALL CEILING PAINT SHALL BE FLAT FINISH, AND ALL DOOR DRAMES AND DOORS SHALL BE SEMI-GLASS FINISH.

FINISH FLOOR PLAN KEY NOTES

1. NEW FLOOR DRAINS (TYP.), GREASE INTERCEPTOR AND TROUGH IN EXISTING FLOOR. FINISH TO BE SLOPED FOR PROPER DRAINAGE. GC TO V.I.F. AND LOCATE NEW FLOOR DRAINS NOT TO CONFLICT WITH EXISITNG STRUCTURAL FOOTINGS. SEE KITCHEN CONSULTANT, MEP, AND STRUCTURAL DRAWINGS.
2. PROVIDE FULL HEIGHT CORNER GUARDS AT EXTERIOR CORNERS AS NOTED. SEE CG-1 ON MATERIAL SCHEDULE FOR MORE INFORMATION.
3. BLUE LINE INDICATES EXTENT OF SS-1 WALL PANELS, SEE ELEVATIONS
4. PROVIDE FIRE EXTINGUISHER CABINET FOR 2.5GAL TYPE K FIRE EXTINGUISHER. B.O.D. J.L. INDUSTRIES AMBASSADOR SEMI-RECESSED MODEL 3017.

FINISH FLOOR PLANS SYMBOL LEGEND



NOTE: INDICATES PRIMARY FINISHES. REFER TO FINISH PLANS, INTERIOR ELEVATIONS AND RCPS FOR ADDITIONAL INFORMATION.

FINISH FLOOR PLANS MATERIAL LEGEND

CT-1

IDEA PUBLIC CHARTER SCHOOL
CULINARY TEACHING KITCHEN

1027 45th STREET NE,
WASHINGTON , DC 20019

OWNER
IDEA PUBLIC CHARTER SCHOOL
1027 45TH ST, NE
WASHINGTON DC, 20019
T (202) 399-4750
WWW.IDEAPCS.ORG

ARCHITECT
STUDIO**TWENTYSEVEN**ARCHITECTURE
805 15TH STREET NW
SUITE 430
WASHINGTON, DC 20005
T (202) 939. 0027
WWW.STUDIO27ARCH.COM

MEP ENGINEER
PROVECTUS, INC.
3141 FAIRVIEW PARK DRIVE, STE 645
FALLS CHURCH, VA 22042
T (703) 823-4694
WWW.PROVECTUSINC.COM

FOOD SERVICE
NYIKOS GARCIA FOOD SERVICE DESIGN, INC.
7146 STARMOUNT WAY
NEW MARKET, MD 21774
T (240) 683.9530
WWW.NYIKOSGARCIA.COM

PROJECT MANAGER
KLA CONSTRUCTION DC
1300 I ST, NW
WASHINGTON DC, 20005
T
WWW.KLACONSTRUCTIONDC.COM

GENERAL CONTRACTOR
MCN BUILD
1214 28TH ST, NW
WASHINGTON DC, 20007
T 202-437-6600
WWW.MCNBUILD.COM

STRUCTURAL ENGINEER
SK&A
12435 PARK POTOMAC AVENUE #300
POTOMAC, MD 20854
T 301.881.1441
WWW.SKAENGINEERS.COM

KEY PLAN

N

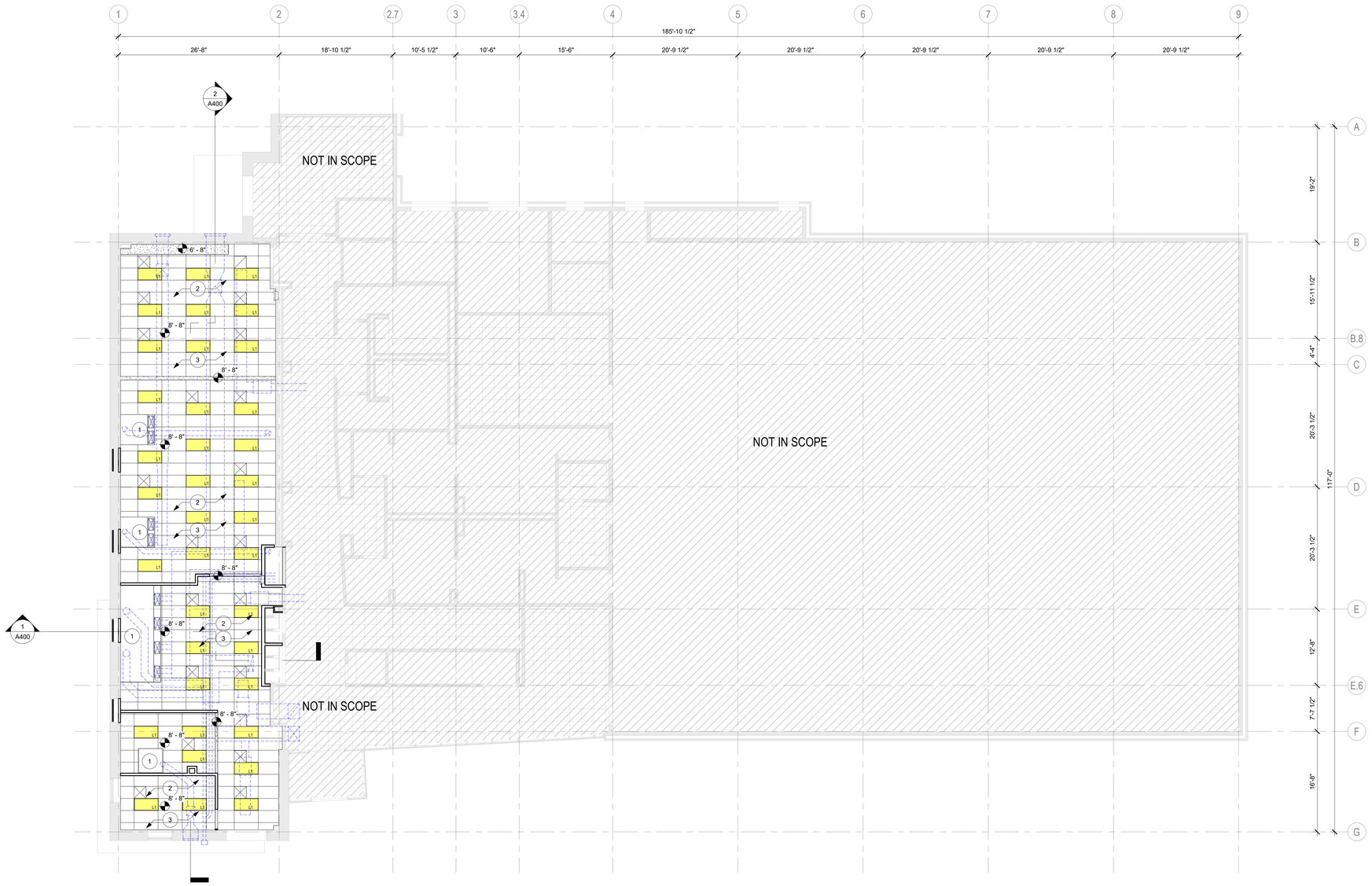
NO.	DATE	DESCRIPTION

PROGRESS SET

DRAWING TYPE: ARCHITECTURAL	DRAWING TITLE: FIRST FLOOR FINISH PLAN
DRAWING DATE: NOVEMBER 6, 2026	DRAWING NUMBER: **A110**
DRAWING SCALE: 1/8" = 1'-0"	

LIGHTING SCHEDULE

TAG	DESCRIPTION	MANUFACTURER	REPRESENTATIVE PRODUCT	COLOR / FINISH	LAMP	LOAD	VOLTAGE	CRI	COLOR TEMPERATURE
L1	RECESSED 2X4 LED - NSF RATED	COLUMBIA LIGHTING	LCAT24-S-9-40-ML-G-ED-U	MATTE WHITE WITH EXTRUDED ACRYLIC	LED	33W	120-277V	90+	4000K



1 A201 FIRST FLOOR
SCALE: 1/8" = 1'-0"

RCP GENERAL NOTES

1. ALL SUSPENDED CEILING ELEMENTS AND FIXTURES ARE TO BE SUPPORTED FROM THE STRUCTURE ABOVE.
2. ARCHITECTURAL REFLECTED CEILING PLANS SHALL BE USED TO COORDINATE LOCATIONS OF ALL LIGHT FIXTURES, DIFFUSERS, AND CEILING DEVICES IN ELECTRICAL AND MECHANICAL PLANS.
3. ALL CEILING REGISTERS, DIFFUSERS, SPEAKER, ETC SHALL MATCH THE COLOR OF ADJACENT CEILINGS. GC SHALL COORDINATED SPECIFICATIONS.
4. LIGHT LOCATIONS AND DIMENSIONS SHOWN ON PLAN ARE FOR DESIGN INTENT, GC TO V.I.F. PRIOR TO INSTALLATION.
5. CENTER ALL DEVICES AND SPRINKLERS AT THE CENTER OF CEILING TILE.
6. ALL GYPSUM CEILINGS SHALL BE FLAT PAINT FINISH, U.O.N.
7. GC TO COORDINATE NEW CEILINGS AND ADDED FIXTURES OR EQUIPMENT WITH EXISTING CONDITIONS TO REMAIN.

RCP KEY NOTES

1. NEW KITCHEN EXHAUST CANOPY:
   A. JOISTS TO BE REINFORCED TO SUPPORT WEIGHT OF HOODS, SEE STRUCTURAL DRAWINGS. ASSUME L2X2X1/8 EACH SIDE OF JOIST ADJACENT TO PANEL POINTS FOR PRICING.
   B. LIGHTING SPECIFIED BY KITCHEN CONSULTANT, REFER TO KITCHEN DRAWINGS.
2. NEW ACT PANELING AND LIGHTING THROUGHOUT, V.I.F. LOCATION OF DUCT WORK BEFORE HANGING AND CONFIGURING NEW ACT GRID.
3. EXISTING FIRE SPRINKLERS TO BE READJUSTED PER NEW CEILING AND HEIGHT. SEE MEP FOR MORE INFORMATION. SPRINKLERS TO BE CENTERED ON ACT PANEL.

RCP LEGEND

- EXPOSED SLAB
- ACT-1
- GYP-1

IDEA PUBLIC CHARTER SCHOOL
CULINARY TEACHING KITCHEN
1027 45th STREET NE,
WASHINGTON , DC 20019

OWNER
IDEA PUBLIC CHARTER SCHOOL
1027 45TH ST. NE
WASHINGTON DC, 20019
T (202) 399-4750
WWW.IDEAPCS.ORG

ARCHITECT
STUDIO**TWENTYSEVEN**ARCHITECTURE
805 15TH STREET NW
SUITE 430
WASHINGTON, DC 20005
T (202) 939. 0027
WWW.STUDIO27ARCH.COM

MEP ENGINEER
PROVECTUS, INC.
3141 FAIRVIEW PARK DRIVE, STE 645
FALLS CHURCH, VA 22042
T (703) 823-4894
WWW.PROVECTUSINC.COM

FOOD SERVICE
NYIKOS GARCIA FOOD SERVICE DESIGN, INC.
7146 STARMOUNT WAY
NEW MARKET, MD 21774
T (240) 693.9530
WWW.NYIKOSGARCIA.COM

PROJECT MANAGER
KLA CONSTRUCTION DC
1300 I ST, NW
WASHINGTON DC, 20005
T
WWW.KLACONSTRUCTIONDC.COM

GENERAL CONTRACTOR
MCN BUILD
1214 28TH ST, NW
WASHINGTON DC, 20007
T 202-437-6600
WWW.MCNBUILD.COM

STRUCTURAL ENGINEER
SK&A
12435 PARK POTOMAC AVENUE #300
POTOMAC, MD 20854
T: 301.881.1441
WWW.SKAENGINEERS.COM

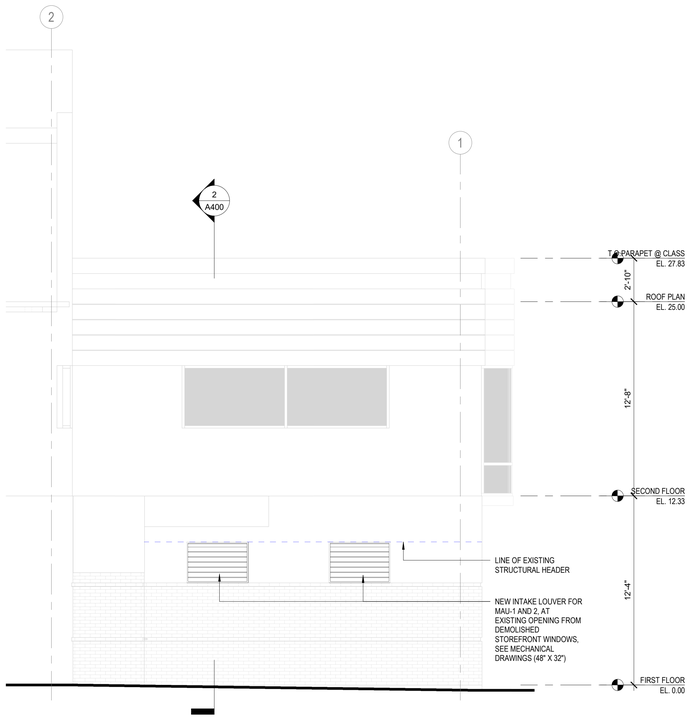
KEY PLAN

N

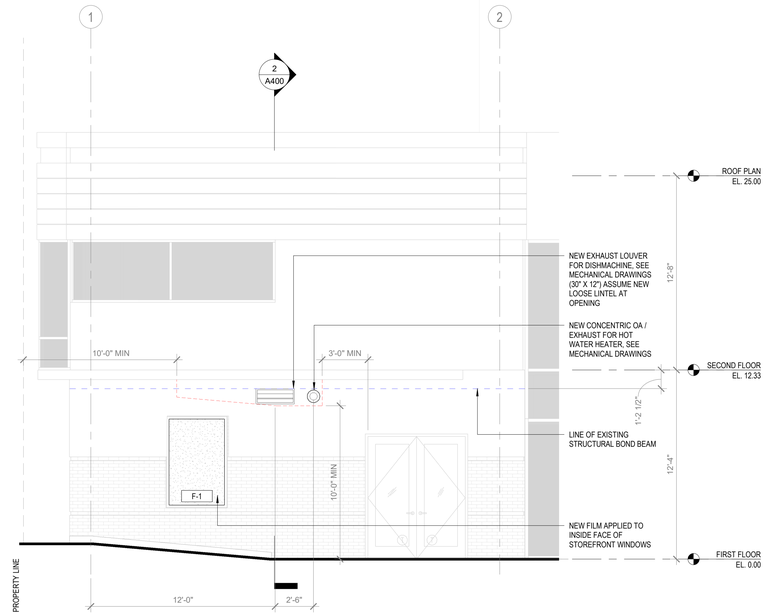
NO.	DATE	DESCRIPTION

PROGRESS SET

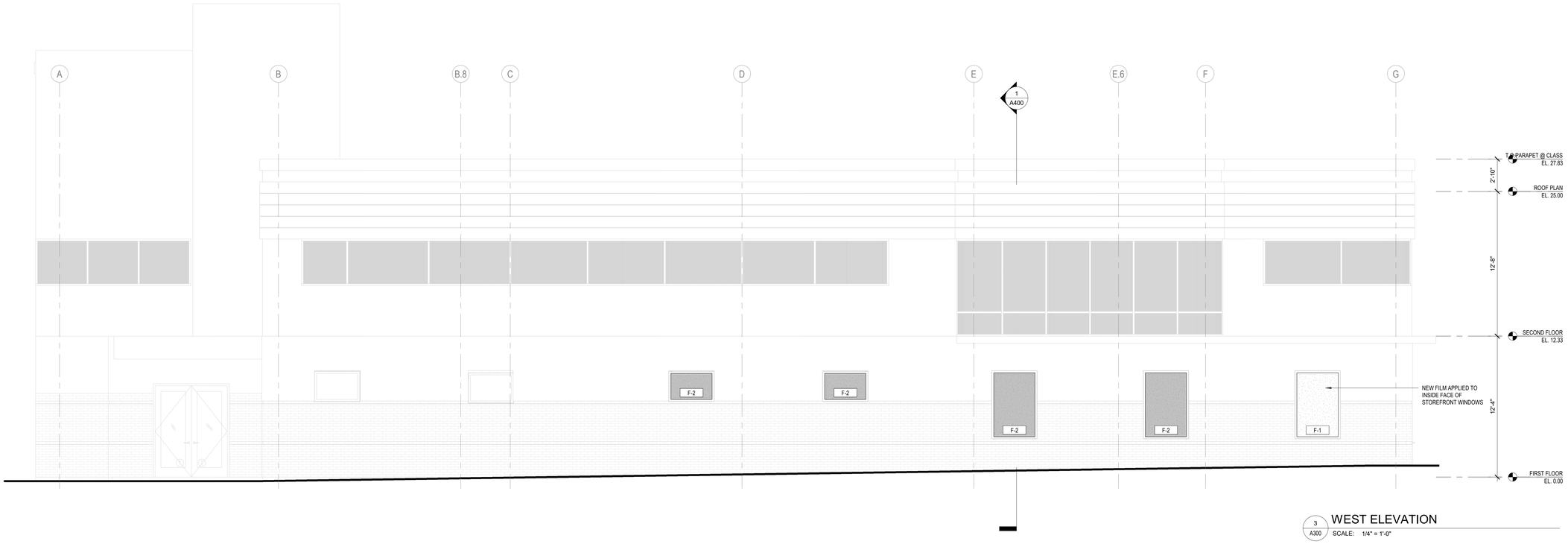
DRAWING TYPE: ARCHITECTURAL	DRAWING TITLE: FIRST FLOOR RCP
DRAWING DATE: NOVEMBER 6, 2026	DRAWING NUMBER: **A201**
DRAWING SCALE: 1/8" = 1'-0"	



1 A300 NORTH ELEVATION
SCALE: 1/4" = 1'-0"



2 A300 SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



3 A300 WEST ELEVATION
SCALE: 1/4" = 1'-0"

IDEA PUBLIC CHARTER SCHOOL
CULINARY TEACHING KITCHEN

1027 45th STREET NE,
WASHINGTON , DC 20019

OWNER
IDEA PUBLIC CHARTER SCHOOL
1027 45TH ST, NE
WASHINGTON DC, 20019
T (202) 399-4700
WWW.IDEAPCS.ORG

ARCHITECT
STUDIO**TWENTYSEVEN**ARCHITECTURE
805 15TH STREET NW
SUITE 430
WASHINGTON, DC 20005
T (202) 939. 0027
WWW.STUDIO27ARCH.COM

MEP ENGINEER
PROVECTUS, INC.
3141 FAIRVIEW PARK DRIVE, STE 645
FALLS CHURCH, VA 22042
T (703) 823-4694
WWW.PROVECTUSINC.COM

FOOD SERVICE
NYIKOS GARCIA FOOD SERVICE DESIGN, INC.
7146 STARMOUNT WAY
NEW MARKET, MD 21774
T (240) 683.5530
WWW.NYIKOSGARCIA.COM

PROJECT MANAGER
KLA CONSTRUCTION DC
1300 I ST, NW
WASHINGTON DC, 20005
WWW.KLACONSTRUCTIONDC.COM

GENERAL CONTRACTOR
MCN BUILD
1214 28TH ST, NW
WASHINGTON DC, 20007
T 202-437-6600
WWW.MCNBUILD.COM

STRUCTURAL ENGINEER
SK&A
12435 PARK POTOMAC AVENUE #300
POTOMAC, MD 20854
T: 301.881.1441
WWW.SKAENGINEERS.COM

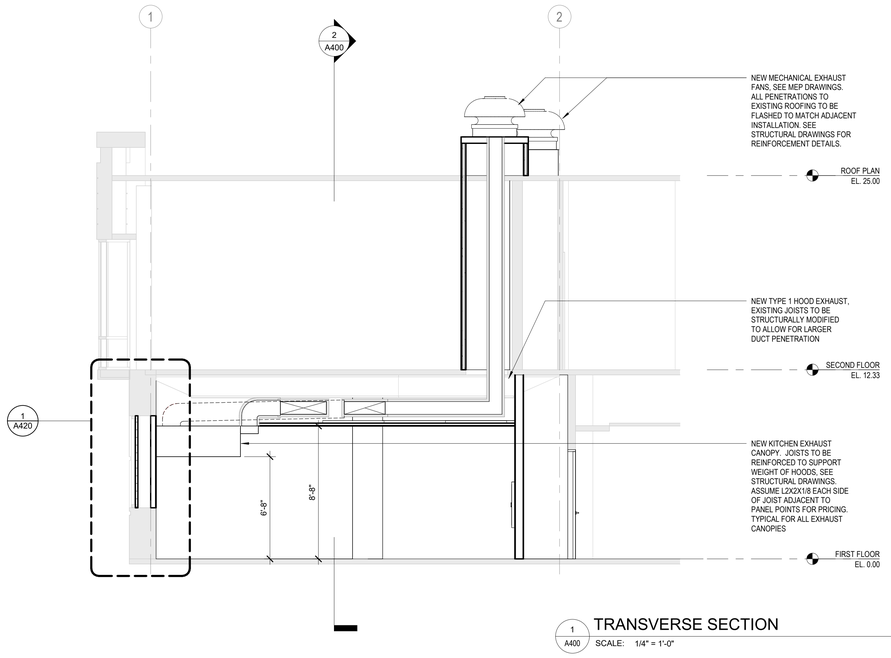
KEY PLAN



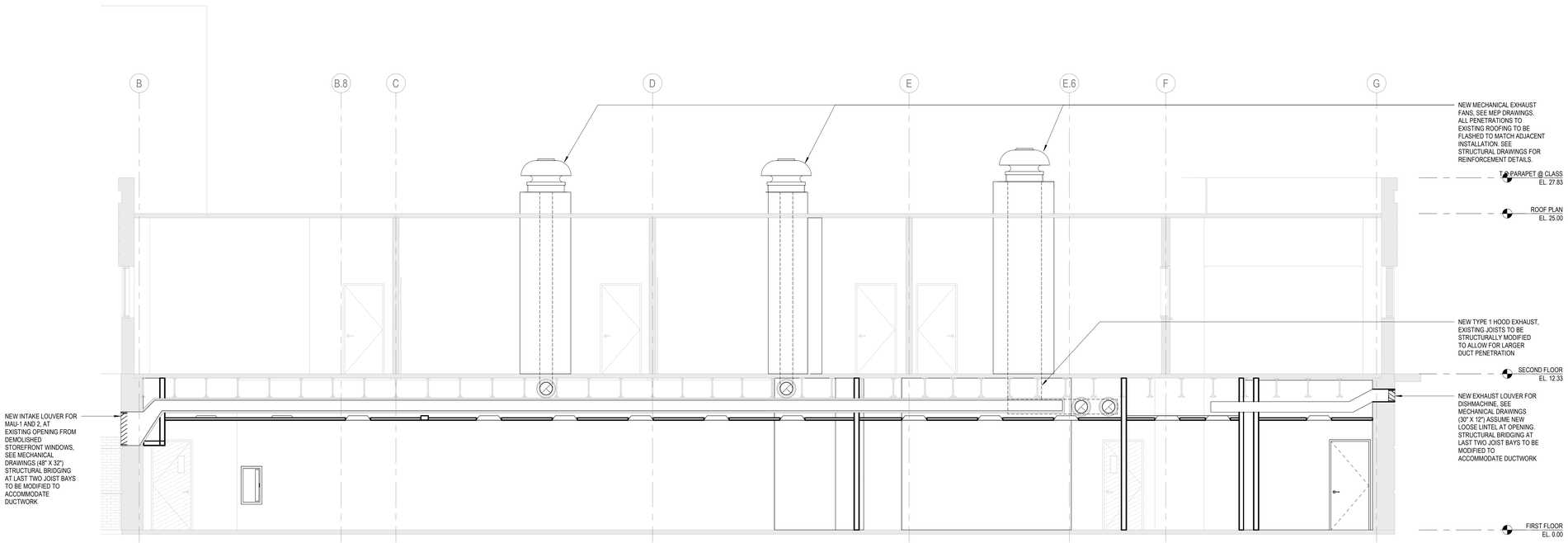
NO.	DATE	DESCRIPTION

PROGRESS SET

DRAWING TYPE: ARCHITECTURAL	DRAWING TITLE: BUILDING ELEVATIONS
DRAWING DATE: NOVEMBER 6, 2026	DRAWING NUMBER: **A300**
DRAWING SCALE: 1/4" = 1'-0"	



1 A400 TRANSVERSE SECTION
SCALE: 1/4" = 1'-0"



2 A400 LONGITUDINAL SECTION
SCALE: 1/4" = 1'-0"

IDEA PUBLIC CHARTER SCHOOL
CULINARY TEACHING KITCHEN

1027 45th STREET NE,
WASHINGTON , DC 20019

OWNER
IDEA PUBLIC CHARTER SCHOOL
1027 45TH ST. NE
WASHINGTON DC, 20019
T (202) 399-4750
WWW.IDEAPCS.ORG

ARCHITECT
STUDIO**TWENTYSEVEN**ARCHITECTURE
805 15TH STREET NW
SUITE 430
WASHINGTON, DC 20005
T (202) 939. 0027
WWW.STUDIO27ARCH.COM

MEP ENGINEER
PROVECTUS, INC.
3141 FAIRVIEW PARK DRIVE, STE 645
FALLS CHURCH, VA 22042
T (703) 823-4894
WWW.PROVECTUSINC.COM

FOOD SERVICE
NYIKOS GARCIA FOOD SERVICE DESIGN, INC.
7146 STARMOUNT WAY
NEW MARKET, MD 21774
T (240) 683.9530
WWW.NYIKOSGARCIA.COM

PROJECT MANAGER
KLA CONSTRUCTION DC
1300 I ST., NW
WASHINGTON DC, 20005
T
WWW.KLACONSTRUCTIONDC.COM

GENERAL CONTRACTOR
MCN BUILD
1214 28TH ST., NW
WASHINGTON DC, 20007
T 202-437-6600
WWW.MCNBUILD.COM

STRUCTURAL ENGINEER
SK&A
12435 PARK POTOMAC AVENUE #300
POTOMAC, MD 20854
T. 301.881.1441
WWW.SKAENGINEERS.COM

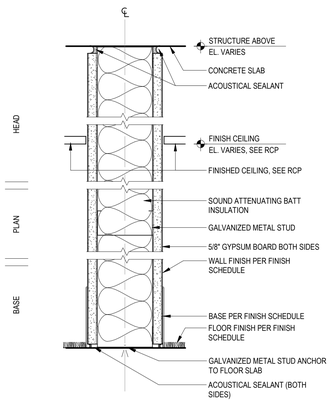
KEY PLAN

N

NO.	DATE	DESCRIPTION

PROGRESS SET

DRAWING TYPE: ARCHITECTURAL
DRAWING TITLE: BUILDING SECTIONS
DRAWING DATE: NOVEMBER 6, 2026
DRAWING NUMBER: **A400**
DRAWING SCALE: 1/4" = 1'-0"

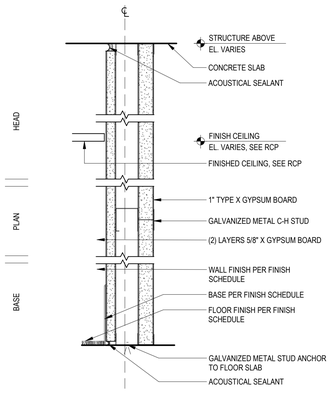


1 PARTITION TYPE 1
3 5/8" 25 GAUGE STUD
(1) LAYER 5/8" GWB EACH SIDE
3 1/2" BATT INSULATION
STC 45

APPLICATION:
CORRIDORS, OFFICES, STAFF
WORKROOMS, CONFERENCE ROOMS

1B PARTITION TYPE 1B
6" 25 GAUGE STUD
(1) LAYER 5/8" GWB EACH SIDE
6" BATT INSULATION

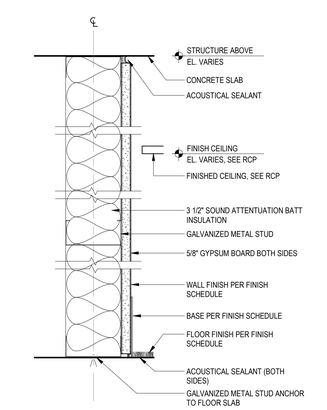
APPLICATION:
CORRIDORS, OFFICES, STAFF
WORKROOMS, CONFERENCE ROOMS



6 PARTITION TYPE 6
2 1/2" 25 GUAGE CH STUD
(2) LAYERS 5/8" TYPE X GWB ONE SIDE
(1) LAYER TYPE X 1" GWB OPPOSITE SIDE
STC 33

1 HOUR FIRE RATING - UL U415

APPLICATION:
MECHANICAL METAL STUD SHAFT WALLS



9 PARTITION TYPE 9
3 5/8" 25 GAUGE STUD
(1) LAYER 5/8" GWB ONE SIDE
3 1/2" BATT INSULATION

APPLICATION:
CORRIDORS, OFFICES, STAFF
WORKROOMS, CONFERENCE ROOMS

9A PARTITION TYPE 9A
3 5/8" 25 GAUGE STUD
(1) LAYER 5/8" GWB ONE SIDE
NO BATT INSULATION

APPLICATION:
FURRING

IDEA PUBLIC CHARTER SCHOOL
CULINARY TEACHING KITCHEN

1027 45th STREET NE,
WASHINGTON , DC 20019

OWNER
IDEA PUBLIC CHARTER SCHOOL
1027 45TH ST. NE
WASHINGTON DC, 20019
T (202) 399-4750
WWW.IDEAPCS.ORG

ARCHITECT
STUDIO**TWENTYSEVEN**ARCHITECTURE
805 15TH STREET NW
SUITE 430
WASHINGTON, DC 20005
T (202) 939. 0027
WWW.STUDIO27ARCH.COM

MEP ENGINEER
PROVECTUS, INC.
3141 FAIRVIEW PARK DRIVE, STE 645
FALLS CHURCH, VA 22042
T (703) 823-4894
WWW.PROVECTUSINC.COM

FOOD SERVICE
NYIKOS GARCIA FOOD SERVICE DESIGN, INC.
7146 STARMOUNT WAY
NEW MARKET, MD 21774
T (240) 693.9530
WWW.NYIKOSGARCIA.COM

PROJECT MANAGER
KLA CONSTRUCTION DC
1300 I ST, NW
WASHINGTON DC, 20005
T
WWW.KLACONSTRUCTIONDC.COM

GENERAL CONTRACTOR
MCN BUILD
1214 28TH ST, NW
WASHINGTON DC, 20007
T 202-437-6600
WWW.MCNBUILD.COM

STRUCTURAL ENGINEER
SK&A
12435 PARK POTOMAC AVENUE #300
POTOMAC, MD 20854
T: 301.881.1441
WWW.SKAENGINEERS.COM

KEY PLAN

N

NO.	DATE	DESCRIPTION

PROGRESS SET

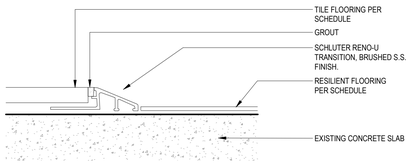
DRAWING TYPE: ARCHITECTURAL	DRAWING TITLE: PARTITION SCHEDULE
DRAWING DATE: NOVEMBER 6, 2026	DRAWING NUMBER: **A600**
DRAWING SCALE: 3" = 1'-0"	

ROOM FINISH SCHEDULE

ROOM #	Name	CATEGORY	WALL FINISH NORTH	WALL FINISH EAST	WALL FINISH SOUTH	WALL FINISH WEST	FLOOR FINISH	BASE FINISH	CEILING FINISH	COMMENTS
129A	MECH		PT-1	PT-1	PT-1	PT-1	CONC	-	-	
129B	ELEC		PT-1	PT-1	PT-1	PT-1	CONC	-	-	
129C	ELEC		PT-1	PT-1	PT-1	PT-1	CONC	-	-	
135	CULINARY CLASSROOM		PT-1	PT-1	-	PT-1	QT-1	QB-1	ACT-1	
135A	PREP KITCHEN		-	FRP-1	FRP-1	FRP-1	QT-1	QB-1	ACT-1	SS-1 WALL PANELS AS INDICATED
136	KITCHEN		FRP-1	FRP-1	FRP-1	FRP-1	QT-1	QB-1	ACT-1	SS-1 WALL PANELS AS INDICATED
136A	LOADING		-	FRP-1	FRP-1	FRP-1	QT-1	QB-1	ACT-1	
136B	DISH ROOM		FRP-1	-	FRP-1	FRP-1	QT-1	QB-1	ACT-1	
136C	DRY STORAGE		PT-1	PT-1	PT-1	PT-1	QT-1	QB-1	ACT-1	

INTERIOR FINISH SCHEDULE

TAG	DESCRIPTION	MANUFACTURER	REPRESENTATIVE PRODUCT	COLOR / FINISH	APPLICATION	NOTES
ACT-1	ACOUSTIC CEILING TILE	ARMSTRONG	CLEAN ROOM VL - 24" X 48"	WHITE- NO PERFORATION	CEILING	SUSPENSION GRID ARMSTRONG 15/16" CLEAN ROOM AL
CG-1	CORNER GUARD	CORNER GUARD	ACROVYN CO SERIES	SILVER	WALLS	FULL HEIGHT
F-1	WINDOW FILM TYPE 1	SOLYX	TRANSLUCENT POLYESTER FILM	TRANSLUCENT TBD	EXISTING WINDOWS	SEE EXTERIOR ELEVATIONS
F-2	WINDOW FILM TYPE 2	SOLYX	OPQUE POLYESTER PRIVACY FILM	OPAQUE TBD	EXISTING WINDOWS	SEE EXTERIOR ELEVATIONS
FRP-1	FRP WALL TILE	MARLITE	SYMMETRIX SMART SEAM FRP - RECTANGLE VERTICAL 6"X12" TILE CONFIGURATION 4' X 8' PANEL SIZE	WHITE WITH WHITE GROUT	WALLS	
GYP-1	GYPSUM	CONTRACTOR SELECTED		PAINTED PT-1	WALLS / SOFFITS	SEE PARTITION SCHEDULE
MWB-1	MAGNETIC WHITEBOARD / BULLETIN BOARD	BY GC		WHITE	WALLS	CONRACTOR FURNISHED AND INSTALLED. TO BE FRAMED AND SURFACE MOUNTED TO PROPOSED WALL FINISH.
PT-1	PAINT TYPE	BENJAMIN MOORE	INTERIOR SEMI-GLOSS ENAMEL	TBD	WALLS	PAINT TO BE LEAD-FREE, NON METALIC ENAMEL PAINT
PT-2	PAINT TYPE	BENJAMIN MOORE	SEMI-GLOSS ENAMEL	TBD	FRAMES / DOORS	PAINT TO BE LEAD-FREE, NON METALIC ENAMEL PAINT
PT-2B	PAINT TYPE	BENJAMIN MOORE	EXTERIOR SEMI-GLOSS ENAMEL	TO MATCH EXISTING	EXTERIOR FRAME / DOOR	MATCH EXISISTING DOOR / FRAME COLOR
PT-4	PAINT TYPE	BENJAMIN MOORE	WATERBORNE CEILING PAINT, ULTRA FLAT	TO MATCH EXISTING	CEILING SOFFITS	PER SHEET A201
SS-1	STAINLESS STEEL	GC SELECTED	PANELS AND FLASHING	N/A	WALLS	
TS-1	TRANSITION STRIP	SHLUTER	DILEX-EZ6	G-GRAY	BASE	TRANSITION BETWEEN WALL BASE AND WALL TILE
TS-2	TRANSITION STRIP	SHLUTER	RENU U EBU 125	BRUSHED STAINLESS STEEL	FLOOR	TRANSITION BETWEEN NEW KITCHEN FLOORING AND EXISITING FLOORING. MUST BE ADA COMPLIANT WITH PROFILE NO TO EXEED 1/2" (12.5MM)
TS-3	TRANSITION STRIP	JOHNSONITE	TBD	RUBBER / TBD	FLOOR	TRANSITION BETWEEN EXISTING VCT AND CONCRETE
QB-1	QUARRY TILE COVE BASE	DALTILE	QUARRY TILE - ROUND TOP COVE BASE	ASHEN GRAY 0T03	BASE	5" BASE; WALL BASE TO INCLUDE BOTH OUTSIDE AND INSIDE CORNER TRIMS AS NECCESSARY.
QT-1	QUARRY TILE	DALTILE	QUARRY TEXTURES 6"X6"	ASHEN GRAY 0T03	FLOORS	SMOOTH



TRANSITION DETAIL - TILE TO RESILIENT FLOORING

2 A601 TYPICAL TRANSITION DETAILS
SCALE: 6" = 1'-0"

DOOR SCHEDULE

NO.	ROOM	DOOR TYPE	DOOR STYLE	DOOR MATERIAL	DOOR HEIGHT	DOOR WIDTH	DOOR THICKNESS	TRANSOM HEIGHT	RATING	FRAME	HARDWARE SET	CARD READER = TAGGED	REMARKS
129A	MECH	G	PAIR		7' - 0"	6' - 0"	0' - 2"						
129B	ELEC	F	SINGLE		7' - 0"	3' - 0"	0' - 2"						
129C	ELEC	G	PAIR		7' - 0"	6' - 0"	0' - 2"						
136C	LOADING	F	SINGLE		7' - 0"	3' - 0"	0' - 2"						

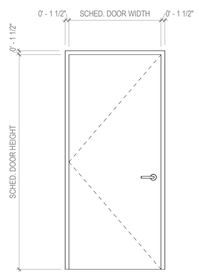
NOT YET COMPLETE

DOOR HARDWARE SCHEDULE

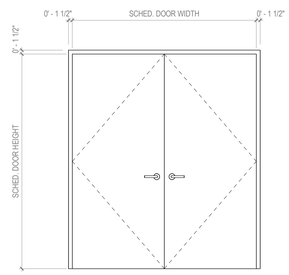
SET	APPLICATION	FUNCTION	COMPONENTS	PRODUCT
HW-2	STORAGE; UTILITY	STORAGE, CLOSER	FULL MORTISE HINGE	HAGER BB1199
			WALL BUMPER	TRIMCO 1270CV
			CLOSER	CORBIN-RUSSWIN DC6200 X AL PULL SIDE MTG
			LEVERSET	BEST 9K37R16CSTK, 626
			SILENCER	HAGER 307D
			FLUSH BOLT	HAGER 283D (DOUBLE DOORS ONLY)
			ACOUSTIC SEALS	ZERO #870, ZERO #364 (WHERE NOTED)
HW-2A	STORAGE; CLOSET	STORAGE	FULL MORTISE HINGE	HAGER BB1199
			OVERHEAD STOP	ABH 4023
			LEVERSET	BEST 9K37R16CSTK, 626
			KICKPLATE	HAGER 190S 8X36, US32D
			SILENCER	HAGER 307D
			FLUSH BOLT	HAGER 283D (DOUBLE DOORS ONLY)

DOOR AND DOOR HARDWARE SCHEDULE NOTES:

1. ALL INTERIOR DOORS ARE TO REQUIRE 5 LB OF PUSH FORCE MAX.
2. WHERE NOTED, PROVIDE PERIMETER ACOUSTIC SEALS, BOD: ZERO #870 AT HEAD AND JAMB, ZERO #364 AT DOOR SWEEP.
3. WHERE ADA POWER ASSISTED HARDWARE IS INDICATED, PROVIDE WIRELESS ADA PUSH BUTTONS AT EXTERIOR AND INTERIOR
4. EGRESS DOOR HARDWARE OPERATIONS SHALL BE COMPIANT WITH IBC SECTION 1010.1.9
5. EXTERIOR HOLLOW METAL DOOR ASSEMBLIES TO HAVE A MAX U-VALUE OF 0.45, AND A MAX AIR INFILTRATION RATE OF 0.04 CFM/FT².
6. COORDINATE DOOR HARDWARE WITH TECHNOLOGY DRAWINGS.



A DOOR TYPE A
SOLID CORE WOOD DOOR
HOLLOW METAL FRAME



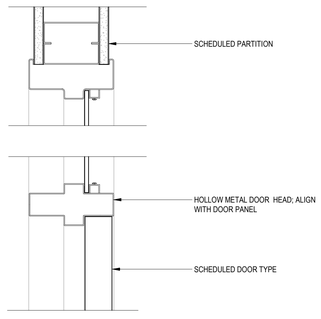
C DOOR TYPE C
SOLID CORE WOOD DOOR
HOLLOW METAL FRAME

B DOOR TYPE B
HOLLOW METAL DOOR
HOLLOW METAL FRAME

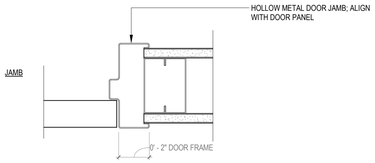
D DOOR TYPE D
DOUBLE HOLLOW METAL DOOR
HOLLOW METAL FRAME

IDEA - Door Types
SCALE: 1/2" = 1'-0"

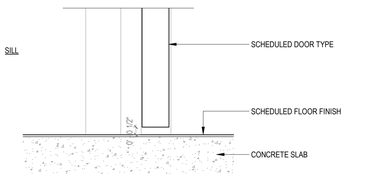
HEAD



JAMB



SILL



1 A601 TYP. INTERIOR HM DOOR
SCALE: 3" = 1'-0"

IDEA PUBLIC CHARTER SCHOOL
CULINARY TEACHING KITCHEN
1027 45th STREET NE,
WASHINGTON , DC 20019

OWNER
IDEA PUBLIC CHARTER SCHOOL
1027 45TH ST, NE
WASHINGTON DC, 20019
T (202) 399-4700
WWW.IDEAPCS.ORG

ARCHITECT
STUDIO**TWENTYSEVEN**ARCHITECTURE
805 15TH STREET NW
SUITE 430
WASHINGTON, DC 20005
T. (202) 939. 0027
WWW.STUDIO27ARCH.COM

MEP ENGINEER
PROVECTUS, INC.
3141 FAIRVIEW PARK DRIVE, STE 645
FALLS CHURCH, VA 22042
T. (703) 823-4894
WWW.PROVECTUSINC.COM

FOOD SERVICE
NYIKOS GARCIA FOOD SERVICE DESIGN, INC.
7146 STARMOUNT WAY
NEW MARKET, MD 21774
T. (240) 683.9530
WWW.NYIKOSGARCIA.COM

PROJECT MANAGER
KLA CONSTRUCTION DC
1300 I ST, NW
WASHINGTON DC, 20005
T
WWW.KLACONSTRUCTIONDC.COM

GENERAL CONTRACTOR
MCN BUILD
1214 28TH ST, NW
WASHINGTON DC, 20007
T 202-437-6600
WWW.MCNBUILD.COM

STRUCTURAL ENGINEER
SK&A
12435 PARK POTOMAC AVENUE #300
POTOMAC, MD 20854
T.: 301.881.1441
WWW.SKAENGINEERS.COM

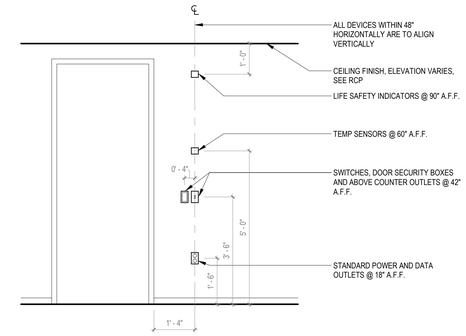
KEY PLAN

N

NO.	DATE	DESCRIPTION

PROGRESS SET

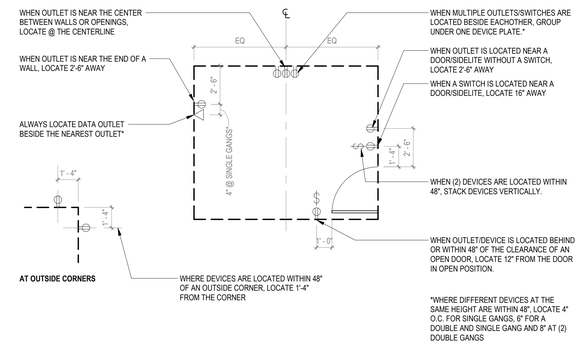
DRAWING TYPE: ARCHITECTURAL	DRAWING TITLE: ROOM FINISH, MATERIAL, AND DOOR SCHEDULES
DRAWING DATE: NOVEMBER 6, 2026	DRAWING NUMBER: **A601**
DRAWING SCALE: As indicated	



GENERAL NOTE: ALL DEVICES TO BE MOUNTED AT HEIGHTS AND VERTICAL ALIGNMENT SHOWN

2 / A602 TYP DEVICE LOCATION - ELEVATION DIAGRAM

SCALE: 1/2" = 1'-0"



1 / A602 TYP DEVICE LOCATION - PLAN DIAGRAM

SCALE: 1/4" = 1'-0"

IDEA PUBLIC CHARTER SCHOOL
CULINARY TEACHING KITCHEN

1027 45th STREET NE,
WASHINGTON , DC 20019

OWNER
IDEA PUBLIC CHARTER SCHOOL
1027 45TH ST, NE
WASHINGTON DC, 20019
T (202) 399-4700
WWW.IDEAPCS.ORG

ARCHITECT
STUDIO**TWENTYSEVEN**ARCHITECTURE
805 15TH STREET NW
SUITE 430
WASHINGTON, DC 20005
T (202) 939. 0027
WWW.STUDIO27ARCH.COM

MEP ENGINEER
PROVECTUS, INC.
3141 FAIRVIEW PARK DRIVE, STE 645
FALLS CHURCH, VA 22042
T (703) 823-4694
WWW.PROVECTUSINC.COM

FOOD SERVICE
NYIKOS GARCIA FOOD SERVICE DESIGN, INC.
7146 STARMOUNT WAY
NEW MARKET, MD 21774
T (240) 683.5530
WWW.NYIKOSGARCIA.COM

PROJECT MANAGER
KLA CONSTRUCTION DC
1300 I ST, NW
WASHINGTON DC, 20005
WWW.KLACONSTRUCTIONDC.COM

GENERAL CONTRACTOR
MCN BUILD
1214 28TH ST, NW
WASHINGTON DC, 20007
T 202-437-6600
WWW.MCNBUILD.COM

STRUCTURAL ENGINEER
SK&A
12435 PARK POTOMAC AVENUE #300
POTOMAC, MD 20854
T: 301.881.1441
WWW.SKAENGINEERS.COM

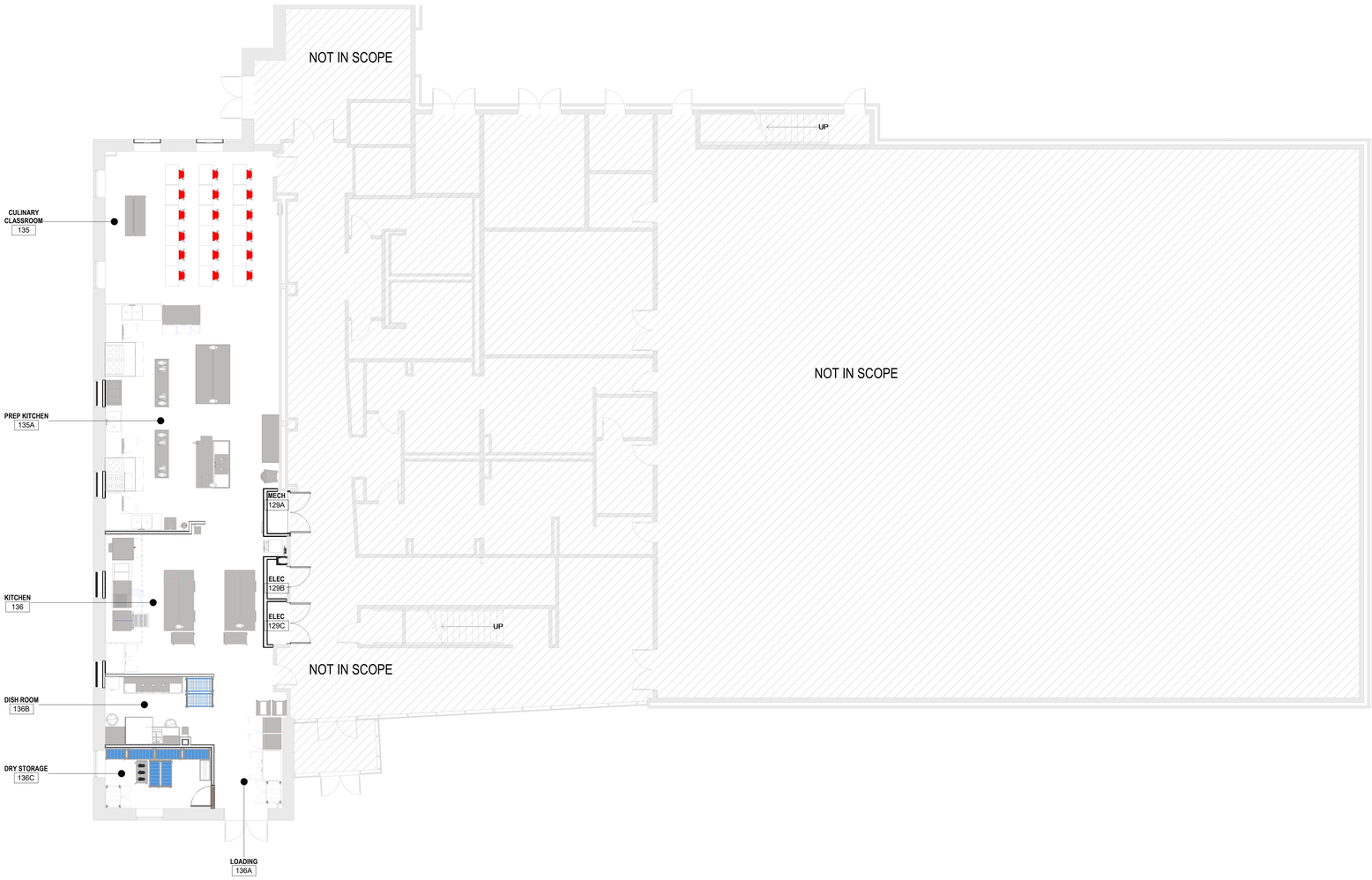
KEY PLAN

N

NO.	DATE	DESCRIPTION

PROGRESS SET

DRAWING TYPE: ARCHITECTURAL	DRAWING TITLE: MOUNTING DIAGRAMS
DRAWING DATE: NOVEMBER 6, 2026	DRAWING NUMBER: **A602**
DRAWING SCALE: As indicated	



FFE PLAN GENERAL NOTES

1. REFER TO FOOD SERVICE DRAWINGS FOR SPECIFICATION AND PLACEMENT OF ALL EQUIPMENT. DRAWING IS FOR COORDINATION ONLY.

FFE PLAN KEY NOTES

1 / A721 FIRST FLOOR FFE PLAN

SCALE: 1/8" = 1'-0"

REF: 1 / A300

IDEA PUBLIC CHARTER SCHOOL
CULINARY TEACHING KITCHEN

1027 45th STREET NE,
WASHINGTON , DC 20019

OWNER
IDEA PUBLIC CHARTER SCHOOL
1027 45TH ST, NE
WASHINGTON DC, 20019
T. (202) 399-4700
WWW.IDEAPCS.ORG

ARCHITECT
STUDIO**TWENTYSEVEN**ARCHITECTURE
805 15TH STREET NW
SUITE 430
WASHINGTON, DC 20005
T. (202) 939. 0027
WWW.STUDIO27ARCH.COM

MEP ENGINEER
PROVECTUS, INC.
3141 FAIRVIEW PARK DRIVE, STE 645
FALLS CHURCH, VA 22042
T. (703) 823-4694
WWW.PROVECTUSINC.COM

FOOD SERVICE
NYIKOS GARCIA FOOD SERVICE DESIGN, INC.
7146 STARMOUNT WAY
NEW MARKET, MD 21774
T (240) 693.9530
WWW.NYIKOSGARCIA.COM

PROJECT MANAGER
KLA CONSTRUCTION DC
1300 I ST, NW.
WASHINGTON DC, 20005
T
WWW.KLACONSTRUCTIONDC.COM

GENERAL CONTRACTOR
MCN BUILD
1214 28TH ST, NW
WASHINGTON DC, 20007
T 202-437-6600
WWW.MCNBUILD.COM

STRUCTURAL ENGINEER
SK&A
12435 PARK POTOMAC AVENUE #300
POTOMAC, MD 20854
T: 301.881.1441
WWW.SKADNGINEERS.COM

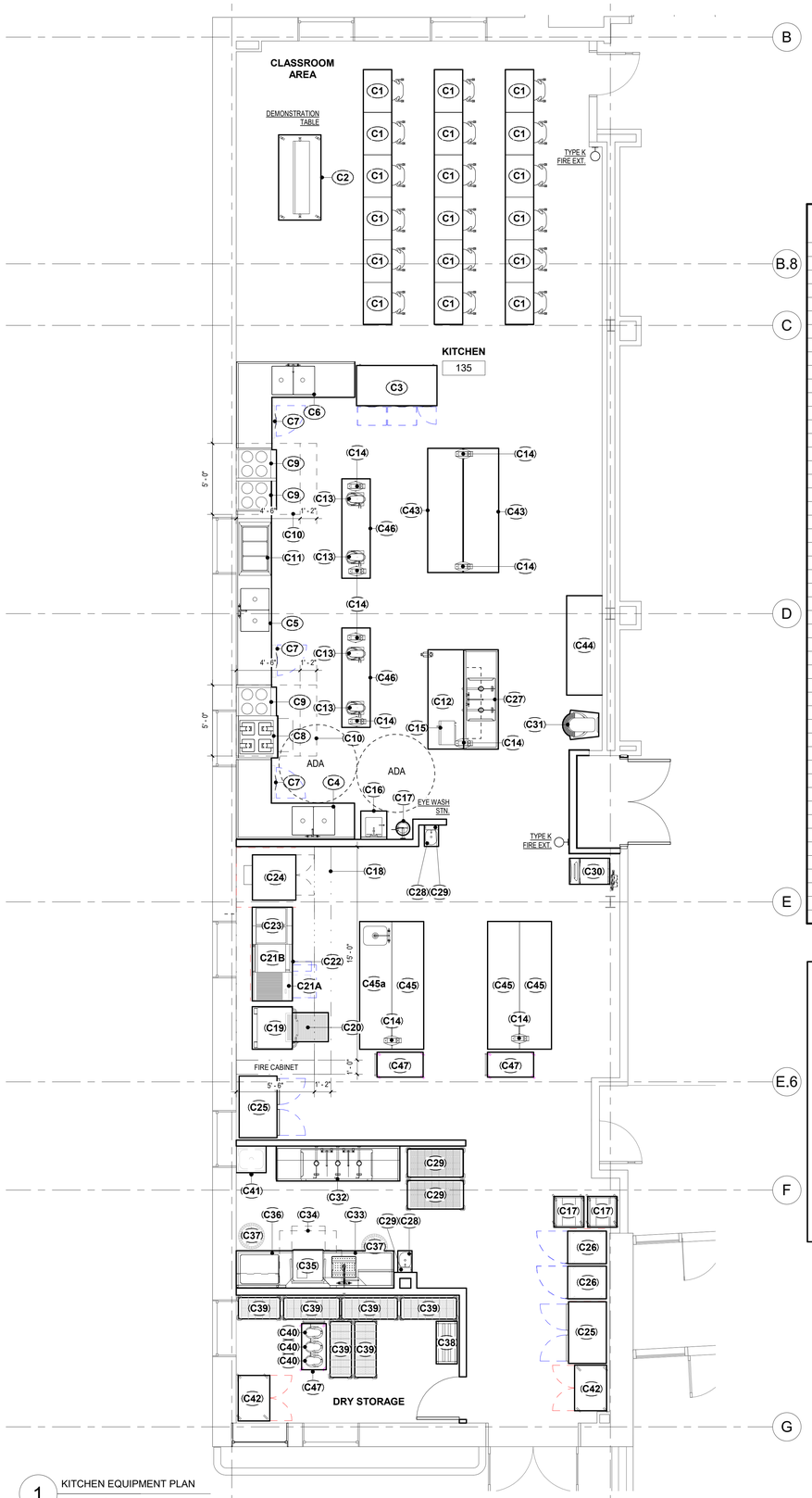
KEY PLAN

N

NO.	DATE	DESCRIPTION

PROGRESS SET

DRAWING TYPE: ARCHITECTURAL	DRAWING TITLE: FIRST FLOOR FFE PLAN
DRAWING DATE: NOVEMBER 6, 2026	DRAWING NUMBER: **A721**
DRAWING SCALE: 1/8" = 1'-0"	



1 KITCHEN EQUIPMENT PLAN
1/4" = 1'-0"

EQUIPMENT SCHEDULE

ITEM	QTY.	EQPMT. ON RFP*	DESCRIPTION	COMMENTS
C1	18		STUDENT STATION, MOBILE	
C2	1		DEMONSTRATION TABLE, MOBILE	W/MIRROR
C3	1	j.	REFRIGERATED WORKTOP, MOBILE	
C4	1	j. / n.	WORKCOUNTER	W/ UNDERNEATH STORAGE
C5	1	j. / n.	WORKCOUNTER	W/ UNDERNEATH STORAGE
C6	1	j. / n.	WORKCOUNTER	W/ UNDERNEATH STORAGE
C7	3	g.	UNDERCOUNTER REFRIGERATOR, MOBILE	
C8	1	a.	INDUCTION RANGE, MOBILE	W/ CONVECTION OVEN BASE; ADA-ACCESSIBLE
C9	3	a.	INDUCTION RANGE, MOBILE	W/ CONVECTION OVEN BASE
C10	2	m.	VENTILATOR	W/ FIRE SUPPRESSION SYSTEM
C11	1	i.	COLD WELLS	DROP-IN; 3-WELL
C12	1	i. / n.	WORKTABLE	W/ DRAWERS
C13	4	q.	5QT MIXER	COUNTERTOP UNIT
C14	9		RETRACTABLE CORD REEL	
C15	1	p.	MICROWAVE OVEN	COUNTERTOP UNIT
C16	1	k.	HAND SINK	ADA-COMPLIANT
C17	1	k.	EYE WASH STATION	
C18	1	m.	VENTILATOR	W/ FIRE SUPPRESSION SYSTEM
C19	1	f.	TILT SKILLET, 30 GALLON	
C20	1		FLOOR TROUGH	
C21A	1	d.	CHARBROILER	COUNTERTOP UNIT
C21B	1	d.	GRIDDLE	COUNTERTOP UNIT
C22	1	h.	FREEZER BASE, MOBILE	
C23	1	c.	FRYER ASSEMBLY, MOBILE	
C24	1	b.	CONVECTION OVEN, MOBILE	DOUBLE-DECK
C25	2	g.	REACH-IN REFRIGERATOR, MOBILE	
C26	2	h.	REACH-IN FREEZER, MOBILE	
C27	1	k.	PREP SINK	W/ OVERSHELF
C28	2	k.	HAND SINK	SPACE SAVER
C29	2	k.	SOAP & TOWEL DISPENSER	(N.I.K.E.C.) - SPECIFIED BY ARCHITECT
C30	1	e.	ICE MACHINE BIN	W/ WATER FILTER SYSTEM
C31	1	q.	MIXER, 60-QT.	
C32	1	k.	POT WASHING SINK	W/ OVERSHELF
C33	1	l.	SOILED DISHTABLE	W/ GLASS RACK
C34	1	m.	CONDENSATE CANOPY	
C35	1	l.	DISHMACHINE	HIGH TEMP. W/BOOSTER HEATER
C36	1	l.	CLEAN DISHTABLE	W/ OVERSHELF
C37	2		TRASH CONTAINER, MOBILE	
C38	1	n.	DUNNAGE RACK, MOBILE	
C39	6	n.	SHELVING, MOBILE	
C40	3		MIXER, 5-QUART	
C41	1		MOP SINK CABINET	
C42	2	n.	SECURITY UNIT, MOBILE	LOCKABLE
C43	2	i. / n.	WORKTABLE	W/ DRAWERS; INTERLOCKED
C44	1	i. / n.	WORKTABLE	W/ DRAWERS
C45	3	i. / n.	WORKTABLE	W/ DRAWERS; INTERLOCKED
C45a	1	i. / n.	WORKTABLE W/ SINK	W/ DRAWERS; INTERLOCKED
C46	2	i. / n.	WORKTABLE	(1) UNIT W/ BOLTED MANUAL CAN OPENER
C47	3		UTILITY CART, MOBILE	

(N.I.K.E.C.) - NOT IN KITCHEN EQUIPMENT CONTRACT

***LEGEND FOR EQUIPMENT REQUESTED IN RFP**

C. Equipment Procurement & Installation

The Contractor shall provide, deliver, and install commercial-grade kitchen equipment, including but not limited to:

a. ✓ Commercial ranges and ovens
b. ✓ Convection ovens
c. ✓ Deep fryer
d. ✓ Commercial grill
e. ✓ Ice machine
f. ✓ Tilt skillet (braising pan)
g. ✓ Reach-in refrigeration units
h. ✓ Reach-in freezer units
i. ✓ Food preparation tables, including cold wells
j. ✓ Stainless steel workstations and prep surfaces
k. ✓ Commercial sinks, including three-compartment sinks and handwashing stations
l. ✓ Dishwashing equipment (commercial grade)
m. ✓ Ventilation hoods and exhaust systems
n. ✓ Smallwares and storage solutions
o. Anti-fatigue floor mats
p. ✓ Commercial microwave oven
q. ✓ Commercial mixer

KITCHEN EQUIPMENT PLAN GENERAL NOTES:

1. REFER TO SHEET K-001 FOR LIST OF SYMBOLS, INDICATIONS, ABBREVIATIONS, AND MOUNTING HEIGHTS.
2. ALL PIPING, CONDUIT, BX CABLE AND SIMILAR CONSTRUCTION WILL BE EITHER LOCATED INSIDE A WALL OR INSTALLED WITH A MINIMUM 3/4" SPACE FROM THE WALL OR SEALED TO THE WALL.
3. ALL DOORS TO THE OUTSIDE WILL BE SELF-CLOSING, WITH DOOR SWEEP, FLY FAN ABOVE AND RODENT-PROOF.
4. A MINIMUM OF FIFTY (50) FOOT-CANDLES OF SHIELDED LIGHT WILL BE PROVIDED AT ALL WORK SURFACES, STORAGE AREAS, FOOD PREPARATION AREAS, UTENSIL WASHING AREAS, TOILET ROOMS, LOCKER ROOMS AND IN THE GARBAGE AND RUBBISH STORAGE AREAS.
5. ALL RESTROOM DOORS WILL BE SELF-CLOSING.
6. ALL RESTROOMS WILL BE EQUIPPED WITH MECHANICAL EXHAUST VENTILATION SIZED AT A MINIMUM RATE OF TWO (2) CUBIC FEET PER MINUTE PER SQUARE FOOT OF FLOOR AREA AND EXHAUSTING DIRECTLY TO THE OUTSIDE.
7. ALL FLOOR MOUNTED EQUIPMENT WILL BE PLACED ON NATIONAL SANITATION FOUNDATION (NSF) APPROVED SIX (6) INCH LEGS, OR THE EQUIVALENT, AND PROPERLY SPACED FROM ADJACENT EQUIPMENT OR WALLS; OR PLACED ON NSF APPROVED CASTERS, OR THE EQUIVALENT; OR PROPERLY SEALED TO ALL ADJACENT SURFACES.
8. ALL COUNTER MOUNTED FOODSERVICE EQUIPMENT WEIGHING IN EXCESS OF EIGHTY (80) POUNDS WILL BE MOUNTED ON NSF APPROVED FOUR (4) INCH HIGH LEGS.
9. ALL EXPOSED RAW WOOD WILL BE SEALED.
10. ALL ANNULAR OPENINGS IN CONSTRUCTION WILL BE SEALED TO WITHIN 1/32ND OF AN INCH.
11. ALL AISLES WILL BE A MINIMUM OF THIRTY-SIX (36) INCHES WIDE PER NATIONAL FIRE PROTECTION ASSOCIATION 101.
12. THE OUTSIDE STORAGE OF REFUSE WILL BE IN RODENT-PROOF CONTAINERS LOCATED ON A PAVED SURFACE.
13. ALL SINK INSTALLATIONS WILL BE EQUIPPED WITH HOT AND COLD RUNNING WATER THROUGH A MIXING VALVE OR COMBINATION FAUCET.
14. ALL PAINTING WILL BE WITH LEAD-FREE, NON-METALLIC ENAMEL PAINT OR A HIGH QUALITY VARNISH.
15. WASTE WATER FROM ALL APPLICABLE FOODSERVICE EQUIPMENT WILL BE INDIVIDUALLY PLUMBED TO AN OPEN SITE DRAIN WITH A MINIMUM ONE INCH AIR GAP.
16. COORDINATE LOCATION OF ALL DISCONNECT SWITCHES WITH NYIKOS GARCIA PRIOR TO INSTALLATION.
17. ANY DEVIATIONS FROM THE EQUIPMENT SPECIFIED AND/OR ACCEPTABLE ALTERNATES NOTED WILL NOT BE ACCEPTED WHERE PREVIOUSLY PRESENTED AND APPROVED.
18. ANY DISCREPANCIES OR CONFLICTS BETWEEN FOODSERVICE, ARCHITECTURAL, AND/OR MEP DOCUMENTS REGARDING FOODSERVICE SPACES SHALL BE CLARIFIED WITH NYIKOS GARCIA AND SUBMITTED IN WRITING IN A CLEAR AND CONCISE R.F.I. PRIOR TO BEGINNING WORK.
19. THE INSTALLER SHALL REFER TO THIS SHEET FOR EQUIPMENT LOCATIONS. ANY DISCREPANCIES, OMISSIONS, AMBIGUITIES, OR CONFLICTS SHOULD BE BROUGHT TO THE ATTENTION OF NYIKOS GARCIA FOR CLARIFICATION BEFORE ORDERING EQUIPMENT OR INSTALLATION WORK.

THE USE OF SEALANTS IN FOOD SERVICE EQUIPMENT

1. ALL SEALANTS MUST BE LISTED AS APPROVED BY THE NATIONAL SANITATION FOUNDATION (NSF) UNDER KASON RUBBASEAL 51.
2. SEALANTS SHALL BE USED ONLY ON STRUCTURALLY SOUND JOINTS AND SEAMS.
3. SEALANTS MAY BE USED TO FILL SPACES AND OPENINGS SUCH AS, BUT NOT LIMITED TO, BLIND RIVET HEADS AND SLOT AND PHILLIPS HEAD SCREWS.
4. OPENINGS AROUND SERVICE AND UTILITY LINES SHOULD BE CLOSED INSOFAR AS PRACTICAL BY:
   A. COLLARS AND GROMMETS.
   B. FLEXIBLE FORM GASKETS.
5. SEALANTS MAY BE USED TO SEAL SERVICE AND UTILITY LINES TO WALL AND ADJACENT PIECES OF EQUIPMENT WHERE THE SPACING IS. CLOSED TO LESS THAN 1/8TH OF AN INCH.
6. SEALANTS MAY NOT BE UTILIZED IN FOOD AND SPLASH CONTACT SURFACES, TO FILL OPEN SPACES, OR VOIDS WHICH RESULT DUE TO IMPROPER DESIGN OR FABRICATION. ANY OPENING IN EXCESS OF 1/8TH INCH SHALL BE CONSIDERED EXCESSIVE AND MUST BE CLOSED USING PROPER FIELD JOINTS.

EQUIPMENT PLAN LEGEND

SYMBOL	DESCRIPTION
X	EQUIPMENT TAG
	BULKHEAD ABOVE
	EQUIPMENT ABOVE
	PATH OF TRAVEL

0' 2' 4' 8' 16'

NYIKOS GARCIA Foodservice Design Inc.
7146 Starmount Way
New Market, MD 21774
P 240.683.9530

IDEA
CULINARY TEACHING KITCHEN
1
1027 45th STREET NE,
WASHINGTON , DC 20019

OWNER
OWNER NAME
ADDRESS LINE 1
ADDRESS LINE 2
T (XXX) XXX.XXXX
WWW.CONSULTANT.COM

ARCHITECT
STUDIO**TWENTYSEVEN**ARCHITECTURE
805 15TH STREET NW
SUITE 430
WASHINGTON, DC 20005
T. (202) 939. 9027
WWW.STUDIO27ARCH.COM

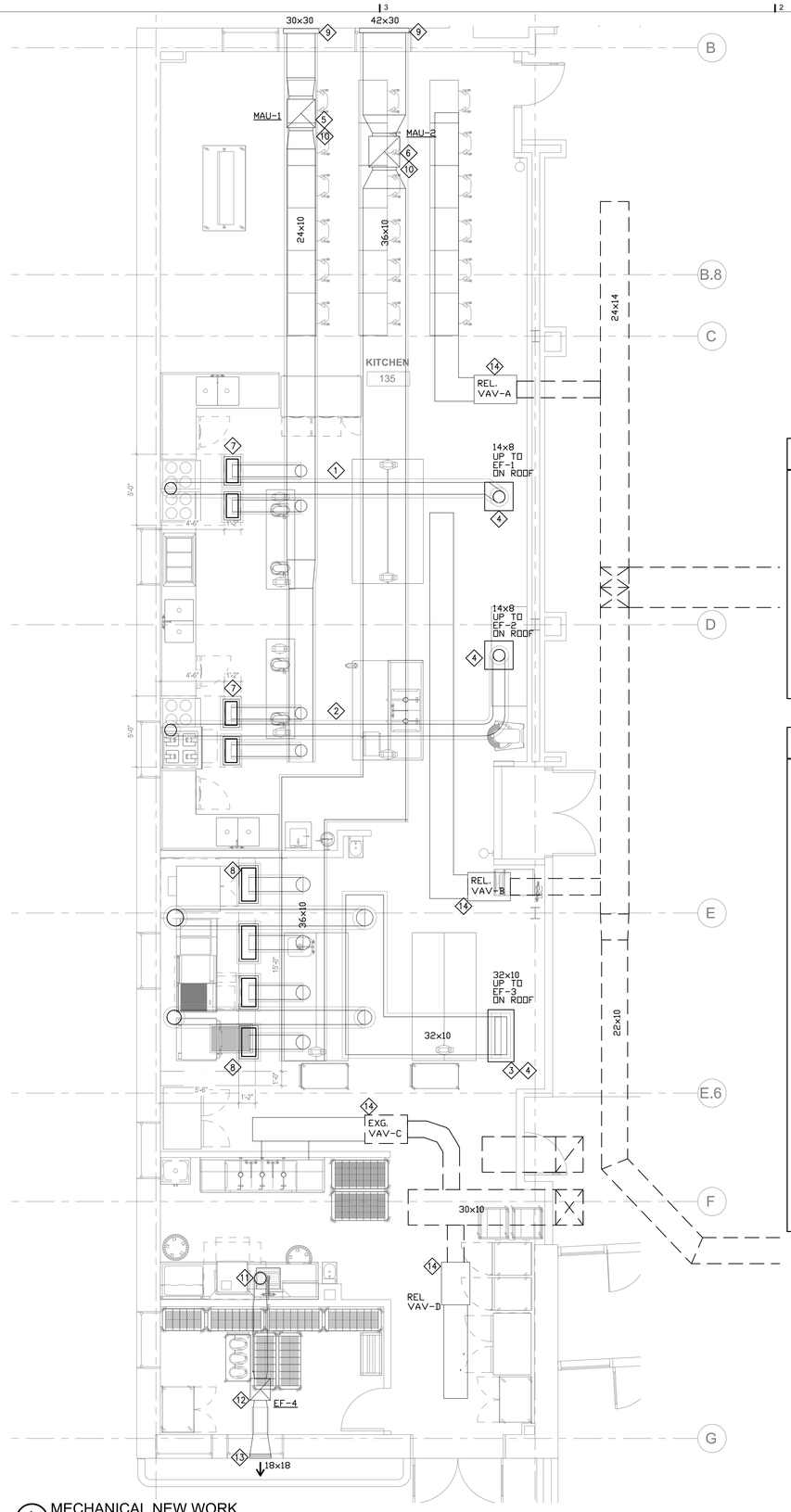
MEP ENGINEER
CONSULTANT NAME
ADDRESS LINE 1
ADDRESS LINE 2
T (XXX) XXX.XXXX
WWW.CONSULTANT.COM

KEY PLAN
N

NO.	DATE	DESCRIPTION

PROGRESS SET

DRAWING TYPE: FOODSERVICE	DRAWING TITLE: KITCHEN EQUIPMENT PLAN
DRAWING DATE: OCTOBER 16, 2026	DRAWING NUMBER: **K-101**
DRAWING SCALE: As indicated	



1 M003 MECHANICAL NEW WORK
SCALE: 1/8" = 1'-0"
REF:

MECHANICAL NEW WORK GENERAL NOTES

G1. ALL DUCT SIZES ARE CLEAR INSIDE DIMENSIONS IN INCHES. LOUVER SIZES ARE NOMINAL. AIRFLOWS ARE PRELIMINARY, PENDING UPDATED HOOD MANUFACTURER SELECTIONS.

G2. PROVIDE LIQUID-TIGHT WELDED GREASE DUCT WITH LISTED FIREWRAP. INSTALL COMPLETE WRAP, SUPPORT AND PENETRATION SYSTEM IN ACCORDANCE WITH ITS LISTING.

G3. PROVIDE REQUIRED GREASE DUCT SLOPE AND ACCESSIBLE CLEANOUTS. MAINTAIN CLEANOUT ACCESS THROUGH WRAP AND ENCLOSURES.

G4. CONTROL C10 AND C18 EXHAUST/MUA GROUPS SEPARATELY THROUGH COORDINATED HOOD CONTROLS. MAINTAIN MANUFACTURER-APPROVED AIRFLOWS AND FIRE-SUPPRESSION INTERLOCKS.

G5. COORDINATE DUCT CROSSINGS AND ELEVATIONS, INCLUDING INSULATION, FIREWRAP, FITTINGS, SUPPORTS AND GREASE DUCT SLOPE. DO NOT ALTER JOISTS OR BRIDGING WITHOUT STRUCTURAL DESIGN.

G6. BALANCE HOOD EXHAUST, INDIVIDUAL HOOD SUPPLY INLETS AND ROOM HVAC SYSTEMS. VERIFY NET REPLACEMENT AIR AT FULL AND PART LOAD AND VERIFY HOOD CAPTURE. RECIRCULATED VAV SUPPLY ALONE DOES NOT ESTABLISH REPLACEMENT AIR.

◇ REFERENCED NEW WORK NOTES

1. NORTH C10 HOOD: PROVIDE 14X8 GREASE EXHAUST DUCT TO ROOF FAN EF-1, 1,000 CFM. TRANSITION FROM FACTORY 10" DIA. HOOD COLLAR.

2. SOUTH C10 HOOD: PROVIDE 14X8 GREASE EXHAUST DUCT TO ROOF FAN EF-2, 1,000 CFM. TRANSITION FROM FACTORY 10" DIA. HOOD COLLAR.

3. C18 HOOD SECTIONS: CONNECT FACTORY 12" AND 14" DIA. EXHAUST COLLARS TO COMMON 32X10 GREASE EXHAUST MAIN AND RISER TO ROOF FAN EF-3, 3,330 CFM.

4. RESERVE 24X24 CLEAR SHAFT SPACE FOR EACH C10 RISER. RESERVE 44" NORTH-SOUTH X 22" EAST-WEST CLEAR SHAFT SPACE FOR C18 RISER. SHAFT WALLS ARE ADDITIONAL. COORDINATE FLOOR AND ROOF OPENINGS WITH STRUCTURAL DESIGN.

5. MAU-1 SHALL SERVE BOTH C10 HOODS THROUGH A SEPARATE 24X10 MUA MAIN, 1,750 CFM TOTAL.

6. MAU-2 SHALL SERVE BOTH C18 HOOD SECTIONS THROUGH A SEPARATE 36X10 MUA MAIN, 2,836 CFM TOTAL.

7. CONNECT EACH C10 FACTORY SUPPLY PLENUM AT TWO INLETS USING 20X10 RIGID BRANCH DUCTS.

8. CONNECT C18L SUPPLY PLENUM AT TWO INLETS USING 24X12 BRANCHES. CONNECT C18R SUPPLY PLENUM AT TWO INLETS USING 28X12 BRANCHES. MAINTAIN FACTORY INLET AREAS THROUGH TRANSITIONS.

9. PROVIDE 30X30 NORTH INTAKE LOUVER FOR MAU-1 AND 42X30 NORTH INTAKE LOUVER FOR MAU-2. FINAL SELECTION SHALL INCLUDE WEATHER PERFORMANCE AND ACCESSORY PRESSURE LOSSES.

10. PROVIDE INSULATED RIGID MUA DUCTWORK. ALLOW SPACE FOR FILTERS, TEMPERING EQUIPMENT, TRANSITIONS, VIBRATION ISOLATION AND SERVICE ACCESS. FINAL INDOOR MUA EQUIPMENT SELECTION IS PENDING.

11. DISHWASHER TYPE II EXHAUST: PROVIDE 12" DIA. STAINLESS STEEL DUCT TO INDOOR INLINE FAN EF-4. PRELIMINARY FAN DUTY: 600 CFM AT 0.50" W.G. TRANSITION TO FACTORY HOOD AND SELECTED FAN CONNECTIONS.

12. PROVIDE MOISTURE-TIGHT DISHWASHER EXHAUST DUCT WITH CONDENSATION INSULATION. SELECT FAN FOR HORIZONTAL HOT, MOIST EXHAUST SERVICE. PROVIDE ACCESS, VIBRATION ISOLATION AND APPROVED CONDENSATE DRAINAGE.

13. PROVIDE 18X18 DISHWASHER EXHAUST LOUVER AT PROJECTED SOUTH-WALL TERMINAL. FINAL PROJECTION AND LOCATION REMAIN SUBJECT TO EXTERIOR CLEARANCE COORDINATION. A FLUSH WALL TERMINATION IS NOT THE DESIGN BASIS.

14. RETAIN EXISTING RTU SUPPLY MAIN. REUSE AND RELOCATE EXISTING VAV BOXES AS SHOWN. MAINTAIN CONTROL, SERVICE AND REMOVAL ACCESS. FINAL OUTLET LOCATIONS AND AIRFLOWS TO BE SHOWN.

IDEA
CULINARY TEACHING KITCHEN

1027 45th STREET NE,
WASHINGTON , DC 20019

OWNER
OWNER NAME
ADDRESS LINE 1
ADDRESS LINE 2
T (XXX) XXX.XXXX
WWW.CONSULTANT.COM

ARCHITECT
STUDIO**TWENTYSEVEN** ARCHITECTURE
805 15TH STREET NW
SUITE 430
WASHINGTON, DC 20005
T. (202) 918. 0027
WWW.STUDIO27ARCH.COM

MEP ENGINEER
CONSULTANT NAME
ADDRESS LINE 1
ADDRESS LINE 2
T (XXX) XXX.XXXX
WWW.CONSULTANT.COM

KEY PLAN

N

PROGRESS SET

DRAWING TYPE: MECHANICAL	DRAWING TITLE: MECHANICAL NEW WORK PLAN
DRAWING DATE: OCTOBER 26, 2026	DRAWING NUMBER: **M-003**
DRAWING SCALE: As indicated	

DISINFECTION OF POTABLE WATER PIPING

PURGE ALL NEW, POTABLE, "ON-SITE" FABRICATED AND "IN-PLANT" FABRICATED WATER PIPING OF DELETERIOUS MATTER, AND DISINFECT AND TEST THE SYSTEM USING THE FOLLOWING PROCEDURE:

1. FLUSH THE PIPE SYSTEM WITH CLEAN, POTABLE WATER UNTIL DIRTY WATER DOES NOT APPEAR AT THE POINTS OF OUTLET.
2. ISOLATE THE SYSTEM OR PART THEREOF TO BE TESTED.
3. FILL THE PIPING WITH A WATER/CHLORINE SOLUTION CONTAINING NOT LESS THAN 50 PARTS PER MILLION (50 mg/L) OF CHLORINE AND ALLOW THE SOLUTION TO STAND FOR 24 HOURS, OR FILL THE SYSTEM WITH A WATER/CHLORINE SOLUTION CONTAINING NOT LESS THAN 200 PARTS PER MILLION (200 mg/L) OF CHLORINE AND ALLOW THE SOLUTION TO STAND NOT LESS THAN 3 HOURS.
4. FOLLOWING THE REQUIRED STANDING TIME, FLUSH THE SYSTEM WITH CLEAN POTABLE WATER UNTIL THE CHLORINE IS PURGED FROM THE SYSTEM.
5. OBTAIN WATER SAMPLES, SUBMIT THEM TO A CERTIFIED WATER TESTING LABORATORY FOR BACTERIOLOGICAL EXAMINATION, AND FURNISH A COPY OF THE TEST REPORT.
6. WHERE A TEST SHOWS THE PRESENCE OF BACTERIA REPEAT THE STERILIZATION PROCEDURE.

GAS PIPING NOTES

1. NATURAL GAS PIPING SHALL BE INSTALLED AND TESTED IN ACCORDANCE WITH THE 2015 INTERNATIONAL FUEL GAS CODE.
2. NATURAL GAS PIPING: SCHEDULE 40 STEEL PIPE (ASTM A53) WITH STEEL FITTINGS AND WELDED JOINTS OR MALLEABLE IRON FITTINGS AND THREADED JOINTS.
3. NATURAL GAS SHUT-OFF VALVE: NIBCO FP-600 OR EQUIVALENT FULL PORT BRASS BALL VALVE WITH LEVER HANDLE AND THREADED ENDS (AGA APPROVED).
4. GAS PIPING OUTSIDE THE BUILDING SHALL BE PAINTED TO PREVENT CORROSION.
5. GAS PIPING THAT PENETRATES THE ROOF SHALL BE ENCASED IN A PROTECTIVE PIPE SLEEVE. THE SPACE BETWEEN THE GAS PIPE AND SLEEVE, AND THE CONNECTION BETWEEN THE PIPE SLEEVE AND THE WALL SHALL BE SEALED GAS TIGHT AND WATER TIGHT.
6. PROVIDE ADHESIVE LABELS AT 10 FEET INTERVALS ALONG THE LENGTH OF THE GAS PIPE TO IDENTIFY "NATURAL GAS" AND THE GAS PIPE PRESSURE.
7. ROOFTOP PIPE SUPPORTS SHALL BE COMPATIBLE WITH THE ROOFING SYSTEM. SUBMIT SHOP DRAWINGS FOR APPROVAL BY THE ARCHITECT.

PLUMBING GENERAL NOTES

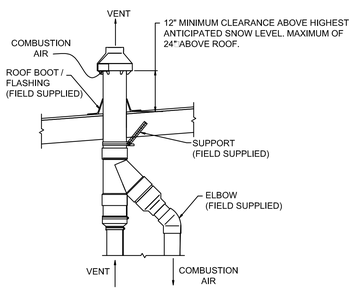
1. DOMESTIC WATER, DRAINAGE AND VENT PIPING SHALL CONFORM TO THE 2015 INTERNATIONAL PLUMBING CODE WITH 2017 DCMR AMENDMENTS.
2. FIELD VERIFY THE SIZES AND LOCATIONS OF EXISTING DOMESTIC WATER, DRAINAGE, AND VENT PIPING BEFORE INSTALLATION OF NEW WORK. COORDINATE THE LAYOUT OF THE NEW WORK WITH EXISTING CONDITIONS. RELOCATE ALL EXISTING PIPING WHICH MUST REMAIN ACTIVE BUT WHICH INTERFERES WITH THE NEW WORK.
3. PAY FOR AND SECURE ALL PERMITS, PROVIDE THE NECESSARY TEST EQUIPMENT, PERFORM ALL TESTS, AND ARRANGE FOR ALL INSPECTIONS REQUIRED TO OBTAIN AN OCCUPANCY PERMIT.
4. CONCEAL ALL ROUGH PIPING. IN THE DINING ROOM AREA AND PUBLIC RESTROOMS EXCEPT WHERE EXPOSED PIPING IS APPROVED BY THE ARCHITECT.
5. NORMAL ACTIVITIES WITHIN OCCUPIED AREAS OF THE BUILDING MUST CONTINUE DURING CONSTRUCTION. SCHEDULE ALL WORK WHICH MAY AFFECT THESE ACTIVITIES WITH THE OWNER'S REPRESENTATIVE.
6. CONNECT NEW PIPING TO EXISTING PIPING USING APPROPRIATE FITTINGS AND ADAPTERS.
7. DRAINAGE AND VENT PIPING: NO-HUB CAST IRON PIPE AND FITTINGS (CISPI 301) JOINED WITH STAINLESS STEEL SHIELD AND CLAMP ASSEMBLIES, SCHEDULE 40 DWV PVC PIPE AND FITTINGS (ASTM D2665) JOINED WITH SOLVENT CEMENT OR DWV COPPER PIPE (ASTM B306) WITH WROUGHT COPPER FITTINGS AND SOLDERED OR BRAZED JOINTS. PLASTIC PIPE SHALL NOT BE INSTALLED IN AIR PLENUMS.
8. DOMESTIC WATER AND INDIRECT DRAINAGE PIPING: TYPE 'L' OR TYPE 'M' COPPER TUBE (ASTM B88) WITH WROUGHT COPPER FITTINGS AND SOLDERED OR BRAZED JOINTS. SOLDERS, BRAZING ALLOYS, AND FLUXES SHALL BE LEAD FREE. PROVIDE FIBERGLASS INSULATION WITH VAPOR BARRIER JACKET FOR ALL DOMESTIC WATER PIPING. INSULATION FOR COLD WATER PIPING SHALL BE 0.5" THICK. INSULATION FOR HOT WATER PIPING SHALL BE 1" THICK.
9. DOMESTIC WATER SHUT-OFF VALVE: BRONZE BALL VALVE WITH LEVER HANDLE AND MINIMUM 300 PSI WOG PRESSURE RATING.
10. STRAINER: WATTS S777 BRONZE WYE-TYPE STRAINER.
11. WATER HAMMER ARRESTER (WHA): PRECISION PLUMBING PRODUCTS (PPP) SWA (PDI WH-201, SIZE AS INDICATED).
12. AIR ADMITTANCE VALVE (AAV): STUDOR "MINIVENT" (ASSE 1051).
13. WATER FILTER (WF): EVERPURE MODEL EV932421 INSURICE WATER FILTRATION SYSTEM, COMPLETE WITH (1) PF-i2000 FILTRATION CARTRIDGE, (1) EC210 PRE-FILTER CARTRIDGE, AND PRECOAT PRIMARY FILTRATION TECHNOLOGY, DESIGNED TO REDUCE CHLORINE TASTE AND ODOR, SCALE, AND CYSTS. 3/4" INLET AND 3/8" OUTLET CONNECTIONS.
14. DOMESTIC WATER BALANCING VALVE: BELL AND GOSSETT CIRCUIT SETTER PLUS PLUG TYPE BALANCING VALVE WITH POSITIVE SHUT-OFF. PROVIDE METER AND CHART FOR SETTING FLOW.

PLUMBING ABBREVIATIONS

ABBREVIATION	DESCRIPTION
ABV	ABOVE
AAV	AIR ADMITTANCE VALVE
BP	BACKFLOW PREVENTER
BV	BALANCING VALVE
BEL	BELOW
CLG	CEILING
CP	CIRCULATING PUMP
CW	DOMESTIC COLD WATER
HW	DOMESTIC HOT WATER
DWH	DOMESTIC WATER HEATER
DV	DRAIN VALVE
ET	EXPANSION TANK
EX.	EXISTING
FL	FLOOR
FS	FLOOR SINK
FD	FLOOR DRAIN
GPM	GALLONS PER MINUTE
GPH	GALLONS PER HOUR
GI	GREASE INTERCEPTOR
GW	GREASE WASTE
D	INDIRECT DRAINAGE
GM	NATURAL GAS METER
MBH	ONE THOUSAND BRITISH THERMAL UNIT PER HOUR
PRV	PRESSURE REGULATING VALVE
PTRV	PRESSURE AND TEMPERATURE RELIEF VALVE
S	SANITARY DRAINAGE
TMV	THERMOSTATIC WATER MIXING VALVE
VRV	VACUUM RELIEF VALVE
V	VENT
VTR	VENT THRU ROOF
WF	WATER FILTER
WHA	WATER HAMMER ARRESTER

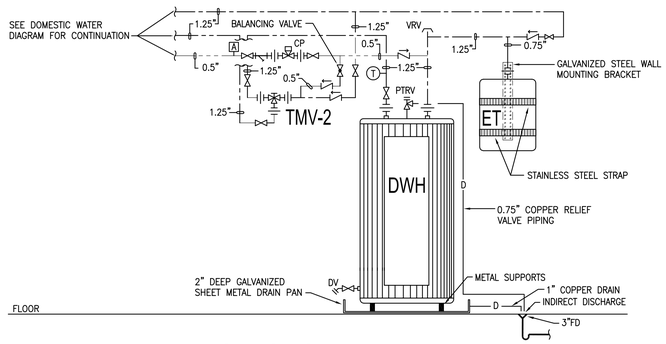
PLUMBING SYMBOLS

SYMBOL	DESCRIPTION
	ACCESS PANEL
	AIR ADMITTANCE VALVE
A	AQUASTAT
	ANGLE SUPPLY WITH SERVICE STOP
	BALANCING VALVE
	BACKFLOW PREVENTER
	CHECK VALVE
	CIRCULATING PUMP
	CONNECT TO EXISTING PIPE
	DOMESTIC COLD WATER PIPE
	DOMESTIC HOT WATER PIPE
T	DOMESTIC TEMPERED WATER PIPE
DWH	DOMESTIC WATER HEATER
W	DOMESTIC WATER RISER DESIGNATION
	DRAIN VALVE
	EXISTING DOMESTIC COLD WATER PIPE
G	EXISTING NATURAL GAS PIPE
	EXISTING SANITARY PIPE
ET	EXPANSION TANK
	FLOOR SINK
GI	GREASE INTERCEPTOR
GW	GREASE WASTE PIPE
GW	GREASE WASTE RISER DESIGNATION
D	INDIRECT DRAINAGE PIPE
G	NATURAL GAS RISER DESIGNATION
G	NATURAL GAS PIPE
GM	NATURAL GAS METER
	PIPE CONTINUES
	PIPE TURNS DOWN
	PIPE TURNS UP
	PRESSURE REGULATING VALVE
S	SANITARY DRAINAGE AND VENT RISER DESIGNATION
	SANITARY DRAINAGE PIPE
	SHUT-OFF VALVE
	SEDIMENT TRAP
	STRAINER
	TRAP
	UNION
	VACUUM BREAKER
	VACUUM RELIEF VALVE
	VENT PIPE
	VENT THRU ROOF
F	WATER FILTER



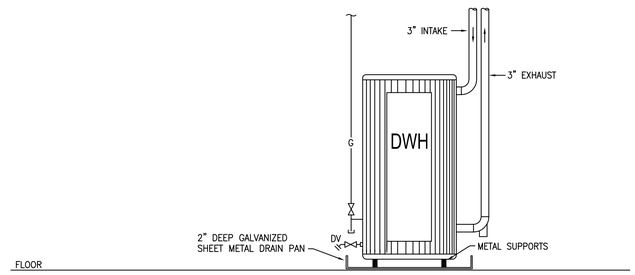
VERTICAL TERMINATIONS

SCALE: NO SCALE



DOMESTIC WATER HEATER

NO SCALE



DOMESTIC WATER HEATER

NO SCALE

IDEA

CULINARY TEACHING KITCHEN

1027 45th STREET NE,
WASHINGTON , DC 20019

OWNER
OWNER NAME
ADDRESS LINE 1
ADDRESS LINE 2
T (XXX) XXX.XXXX
WWW.CONSULTANT.COM

ARCHITECT
STUDIO**TWENTYSEVEN** ARCHITECTURE
805 15TH STREET NW
SUITE 1000
WASHINGTON, DC 20005
T (202) 939. 0027
WWW.STUDIO27ARCH.COM

MEP ENGINEER
CONSULTANT NAME
ADDRESS LINE 1
ADDRESS LINE 2
T (XXX) XXX.XXXX
WWW.CONSULTANT.COM

KEY PLAN

N

PROGRESS SET

DRAWING TYPE: PLUMBING	DRAWING TITLE: COVER SHEET
DRAWING DATE: OCTOBER 26, 2026	DRAWING NUMBER: **P-001**
DRAWING SCALE: As indicated	

DOMESTIC WATER HEATER SCHEDULE

MARK	DESCRIPTION	SPECIFICATION	STORAGE CAPACITY	RECOVERY CAPACITY	ELECTRICAL CHARACTERISTICS	GAS INPUT	CW INLET	HW INLET	GAS INLET	AIR INLET	GAS VENT	NOTES	ACCESSORIES
DWH	GAS-FIRED WATER HEATER WITH STORAGE TANK	A.O. SMITH "CYCLONE Xi" BTH-150	100 GALLONS	173 GALLONS PER HOUR AT 100°F RISE	115 VOLTS, 1 PHASE	150 MBH	1.5"	1.5"	0.75"	3"	3"	95% THERMAL EFFICIENCY. SET TEMPERATURE AT 140 DEGREES F.	A.O. SMITH 100112380 CONDENSATE NEUTRLIZATION KIT. A.O. SMITH 100111100 CONCENTRIC VENT KITS. PROVIDE CONCENTRIC AIR INTAKE.

THERMOSTATIC WATER MIXING VALVE SCHEDULE

MARK	DESCRIPTION	SPECIFICATION	PIPE CONNECTION SIZES			NOTES
			CW	HW	TW	
TMV-1	LEAD-FREE THERMOSTATIC WATER MIXING VALVE WITH INTEGRAL CHECK VALVES.	ZURN "AQUA-GARD" 12-ZW1070XL	0.5"	0.5"	0.5"	ASSE 1070. 0.25 GPM MINIMUM FLOW RATE. SET OUTLET TEMPERATURE AT 105 DEGREES F.
TMV-2	LEAD-FREE THERMOSTATIC WATER MIXING VALVE WITH INTEGRAL CHECK VALVES.	ZURN "AQUA-GARD" 1-ZW1017XLC	1"	1"	1"	ASSE 1017. 0.5 GPM MINIMUM FLOW RATE. SET OUTLET TEMPERATURE AT 140 DEGREES F.

GREASE INTERCEPTOR SCHEDULE

MARK	DESCRIPTION	SPECIFICATION	CAPACITY	PIPE SIZE	NOTES
GI-1	POLYETHYLENE GREASE INTERCEPTOR WITH BUILT-IN FLOW CONTROL WITH FCR1 RISERS.	SCHIER GB2	35 GPM FLOW RATING 20 GALLONS LIQUID CAPACITY 119.3 POUNDS GREASE CAPACITY	4"	ASME A112.14.3 CERTIFIED. 35"Lx23"Wx13.75"H
GI-2	POLYETHYLENE GREASE INTERCEPTOR WITH BUILT-IN FLOW CONTROL WITH FP24 RISERS.	SCHIER GB-50	50 GPM FLOW RATING 65 GALLONS LIQUID CAPACITY 287 POUNDS GREASE CAPACITY	4"	ASME A112.14.3 CERTIFIED. 37"Lx32.25"Wx30.75"H

DRAIN SCHEDULE

MARK	DESCRIPTION	SPECIFICATION
FD	FLOOR DRAIN	ZURN ZN-415-B5-P CAST IRON DRAIN WITH 5" DIAMETER NICKEL BRONZE STRAINER, ZURN Z1072 ZSHIELD BARRIER TRAP SEAL DEVICE AND CAST IRON P-TRAP.
FS	FLOOR SINK	ZURN ZN-1900-2, 12"x12"x 6" DEEP CAST IRON FLOOR SINK WITH PORCELAIN ENAMEL INTERIOR, 1/2 GRATE WITH NICKEL BRONZE FINISH AND CAST IRON P-TRAP.
FCO	FLOOR CLEANOUT	ZURN ZN-1400 OR EQUIVALENT CAST IRON CLEANOUT WITH NICKEL BRONZE COVER.

BACKFLOW PREVENTER

MARK	DESCRIPTION	SPECIFICATION	STANDARD	PIPE SIZE	EQUIPMENT SERVED
BP	DUAL CHECK VALVE BACKFLOW PREVENTER	WATTS LF7R	ASSE 1024	0.5"	ICEMAKER

DOMESTIC WATER EXPANSION TANK SCHEDULE

MARK	SPECIFICATION	TOTAL TANK VOLUME	NOTES
ET	WATTS PLT-12	4.5 GALLONS	PROVIDE HOLDRITE QUICK STRAP QS-U WALL BRACKET OR EQUIVALENT MEANS TO SUPPORT EXPANSION TANK INDEPENDENTLY OF PIPING.

PUMP SCHEDULE

MARK	DESCRIPTION	SPECIFICATION	CAPACITY	PIPE SIZE	POWER REQUIREMENT	VOLTS	PHASE	CONTROLS
CP	IN-LINE DOMESTIC HOT WATER CIRCULATING PUMP	GRUNDFOS ALPHA HWR 15-55SU/T	2 GPM AT 18 FEET OF HEAD	0.5"	38 WATTS	115	1	FEATURES WITH INTEGRATED DIGITAL TIMER AND SENSOR TEMPERATURE.

KITCHEN EQUIPMENT SCHEDULE

				PLUMBING				
ItemNo	Description	Mfr	Model	Cold Water (in)	Hot Water (in)	Indirect Waste Size	Direct Waste Size	Backflow Preventer
C4	WORKCOUNTER	CUSTOM	–	0.5	0.5"	–	1.5"	–
C5	WORKCOUNTER	CUSTOM	–	0.5	0.5"	1.5", TO FS	–	–
C6	WORKCOUNTER	CUSTOM	–	0.5	0.5"	1.5", TO FS	–	–
C11	COLD WELLS	HATCO	CWBP-3	–	–	1", TO FD	–	–
C16	HAND SINK	EAGLE GROUP	HSAP-14-ADA-FE-B	0.5	0.5"	–	1.5"	–
C17	EYE WASH STATION	T&S BRASS	EW-7360B-TMV	–	–	–	–	–
C19	TILT SKILLET, 30 GALLON	CLEVELAND	SEL-30-T1	0.5"	0.5"	–	–	–
C20	FLOOR TROUGH	IMC/TEDDY	ASFT-2430-SGAS	–	–	–	4"	–
C27	PREP SINK	CUSTOM	–	0.5"	0.5"	–	(2) 1.5"	–
C28	HAND SINK	EAGLE GROUP	HSAN-10-F-LRS	0.5"	0.5"	–	1.5"	–
C30	ICE MACHINE BIN	ICE-O-MATIC	CIM0320HA90	0.375"	–	0.75", TO FD	–	ASSE 1024
C32	POT WASHING SINK	CUSTOM	–	(2) 0.75"	(2) 0.75"	(3) 1.5", TO FS	–	–
C33	SOILED DISHTABLE	CUSTOM	–	0.5	0.5"	–	1.5"	–
C35	DISHMACHINE	HOBART	AM16T-BAS-4	–	0.75"	5/8", TO FS	–	ASSE 1010
C41	MOP SINK CABINET	EAGLE GROUP	F1916-VSCS	0.5"	0.5"	–	2"	–
C45a	WORKTABLE WITH SINK	CUSTOM	–	0.5"	0.5"	–	–	–

IDEA
CULINARY TEACHING KITCHEN

1027 45th STREET NE,
WASHINGTON , DC 20019

OWNER
OWNER NAME
ADDRESS LINE 1
ADDRESS LINE 2
T (XXX) XXX-XXXX
WWW.CONSULTANT.COM

ARCHITECT
STUDIO**TWENTYSEVEN** ARCHITECTURE
805 15TH STREET NW
SUITE 1100
WASHINGTON, DC 20005
T (202) 639. 0027
WWW.STUDIO27ARCH.COM

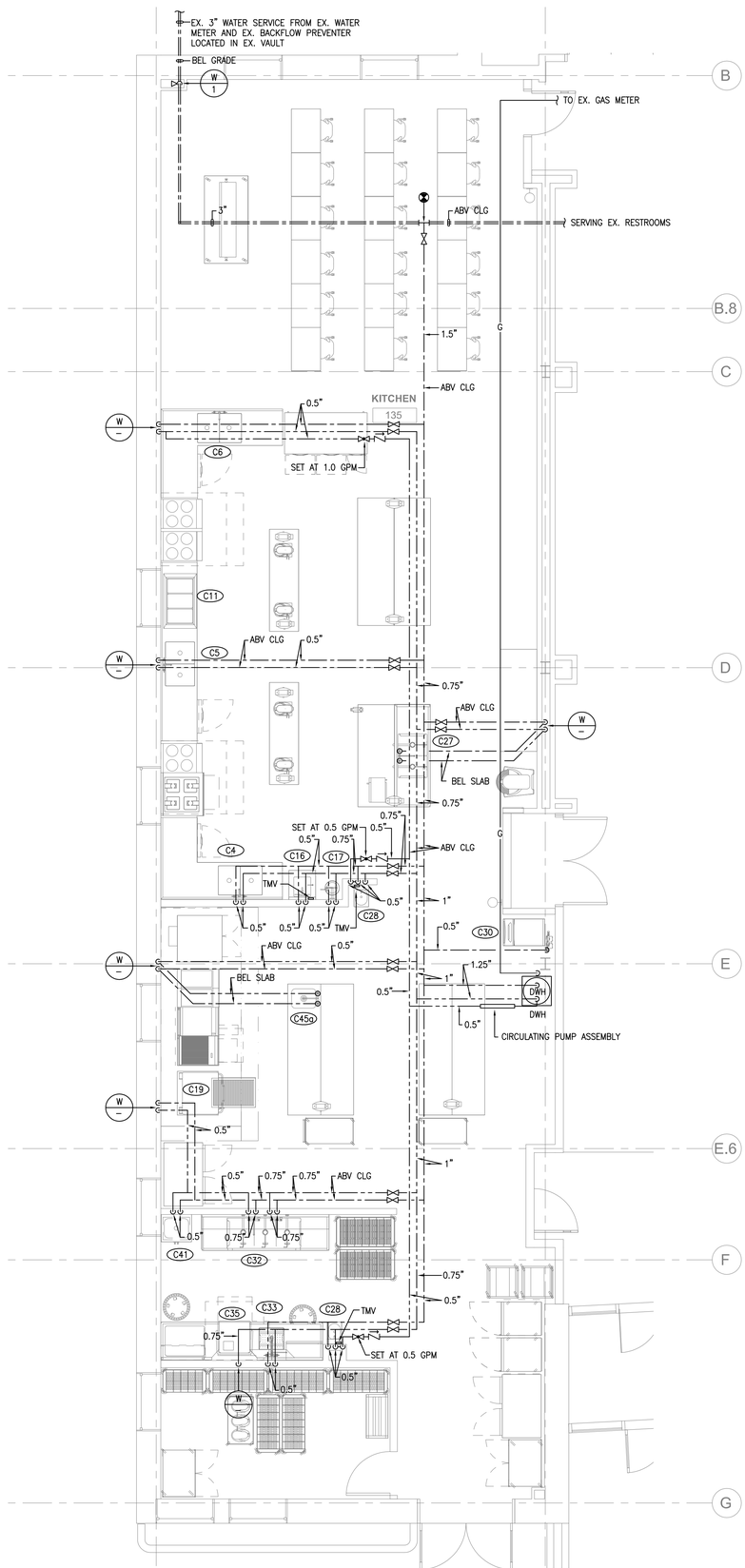
MEP ENGINEER
CONSULTANT NAME
ADDRESS LINE 1
ADDRESS LINE 2
T (XXX) XXX-XXXX
WWW.CONSULTANT.COM

KEY PLAN

N

PROGRESS SET

DRAWING TYPE: PLUMBING	DRAWING TITLE: SCHEDULES
DRAWING DATE: OCTOBER 26, 2026	DRAWING NUMBER: **P-002**
DRAWING SCALE: As indicated	



IDEA

CULINARY TEACHING KITCHEN

1027 45th STREET NE,
WASHINGTON , DC 20019

OWNER
OWNER NAME
ADDRESS LINE 1
ADDRESS LINE 2
T (XXX) XXX.XXXX
WWW.CONSULTANT.COM

ARCHITECT
STUDIO**TWENTYSEVEN** ARCHITECTURE
805 15TH STREET NW
SUITE 430
WASHINGTON, DC 20005
T : (202) 939. 0027
WWW.STUDIO27ARCH.COM

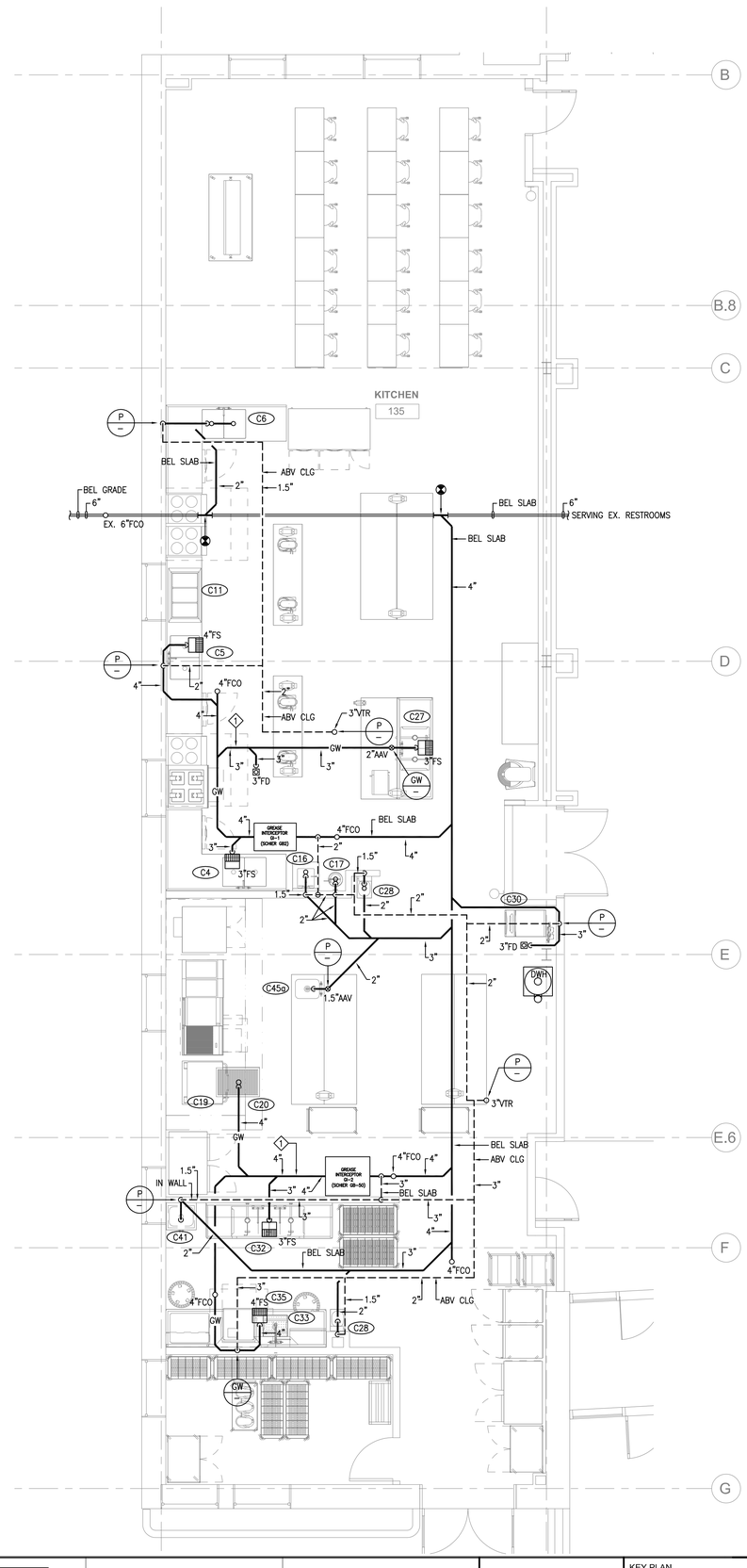
MEP ENGINEER
CONSULTANT NAME
ADDRESS LINE 1
ADDRESS LINE 2
T (XXX) XXX.XXXX
WWW.CONSULTANT.COM

KEY PLAN

N

PROGRESS SET

DRAWING TYPE: PLUMBING	DRAWING TITLE: DOMESTIC WATER PLAN
DRAWING DATE: OCTOBER 26, 2026	DRAWING NUMBER: **P-003**
DRAWING SCALE: As indicated	



◇ REFERENCED PLAN NOTES

1 END OF CIRCUIT VENTED HORIZONTAL BUILDING DRAIN.

IDEA

CULINARY TEACHING KITCHEN

1027 45th STREET NE,
WASHINGTON , DC 20019

OWNER
OWNER NAME
ADDRESS LINE 1
ADDRESS LINE 2
T (XXX) XXX.XXXX
WWW.CONSULTANT.COM

ARCHITECT
STUDIO **TWENTYSEVEN** ARCHITECTURE
805 15TH STREET NW
SUITE 430
WASHINGTON, DC 20005
T: (202) 939. 0027
WWW.STUDIO27ARCH.COM

MEP ENGINEER
CONSULTANT NAME
ADDRESS LINE 1
ADDRESS LINE 2
T (XXX) XXX.XXXX
WWW.CONSULTANT.COM

KEY PLAN

N

PROGRESS SET

DRAWING TYPE: PLUMBING	DRAWING TITLE: DRAINAGE AND VENT PLAN
DRAWING DATE: OCTOBER 26, 2026	DRAWING NUMBER: **P-004**
DRAWING SCALE: As indicated	

GENERAL NOTES

1. THE ELECTRICAL PLANS ARE DIAGRAMMATIC ONLY. REFER TO ARCHITECTURAL PLANS FOR EXACT DIMENSIONS OF THE BUILDING. REFER TO MECHANICAL OR PLUMBING PLANS FOR EXACT LOCATION OF THE EQUIPMENT.

2. ALL WIRING SHALL BE INSTALLED IN CONDUIT. CONDUCTORS SHALL BE TYPE THHN OR XHHW. MINIMUM WIRE SIZE SHALL BE #12 AWG. MINIMUM CONDUIT SIZE SHALL BE 3/4". THE USE OF TYPE AC OR MC CABLE IS PERMISSIBLE ONLY IN CONCEALED INSTALLATION.

3. ALL WIRE SIZES ARE BASED ON COPPER CONDUCTORS.

4. CONDUCTOR SIZES ARE BASE ON 75°C TEMPERATURE RATING. ALL TERMINATION POINT FOR CIRCUIT BREAKERS, DISCONNECT SWITCHES, AND EQUIPMENT TERMINALS SHALL BE RATED 75°C.

5. PROVIDE SINGLE COVERPLATE IN ALL AREAS WHERE DEVICES ARE GANGED

6. ALL DEVICES SHALL BE MOUNTED TO COMPLY WITH AMERICAN DISABILITIES ACT.

7. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND ALL LOCAL CODES HAVING JURISDICTION.

8. WHERE THE LENGTH OF A HOMERUN FROM PANEL TO FIRST ELECTRICAL DEVICE EXCEEDS 75 FEET FOR A 120 VOLT CIRCUIT OR 150 FEET FOR A 208 AND 277 VOLT CIRCUIT. THE CONDUCTOR SIZE SHALL BE INCREASED ONE SIZE LARGER THAN INDICATED FOR EVERY 75 FEET FOR 120 VOLT CIRCUIT AND FOR EVERY 150 FEET FOR 208 AND 277 VOLT CIRCUIT TO COMPENSATE FOR VOLTAGE DROP.

9. ALL WIRING DEVICES SHALL BE SPECIFICATION GRADE.
   - 9.1. LIGHT SWITCH SHALL BE 20A 120~277V.
   - 9.2. DUPLEX RECEPTACLES SHALL BE 20A, 125V, 2P, 3W, NEMA 5~20R UNLESS NOTED OTHERWISE ON THE DRAWINGS.
   - 9.3. DEVICE AND COVERPLATE FINISHES FOR NEW DEVICES SHALL BE SELECTED BY ARCHITECT UNLESS OTHERWISE NOTED. MOUNTING HEIGHTS OF NEW DEVICES SHALL BE AS INDICATED ON DRAWING. WHERE EXISTING DEVICES ARE INDICATED TO REMAIN CONTRACTOR SHALL MATCH THE COLOR AND MOUNTING HEIGHT TO NEW STANDARD UNLESS OTHERWISE NOTED.

10. ALL EQUIPMENT, SUCH AS STARTERS, RELAYS, CONTACTORS, SWITCHES, PANELS AND OTHER ELECTRICAL EQUIPMENT SHALL HAVE IDENTIFICATION PLATES OF BLACK LAMINATED PLASTIC WITH 1/4" WHITE LETTERS IDENTIFYING EQUIPMENT. EQUIPMENT IN FINISHED AREAS SHALL HAVE PLATES MOUNTED ON INSIDE OF DOOR; OTHERWISE PLATES SHALL BE MOUNTED ON FRONT OF EQUIPMENT. SECURE PLATES WITH FOUR SCREWS.

11. CONTRACTOR SHALL PROVIDE NEWLY TYPED DIRECTORIES FOR ALL PANEL BOARDS.

12. MOTOR HORSEPOWER RATINGS ARE APPROXIMATE AND MAY VARY BY MANUFACTURERS. CONTRACTOR SHALL VERIFY EXACT SIZE OF EQUIPMENT WITH APPROVED SHOP DRAWINGS. ADJUSTMENTS SHALL BE MADE IN SIZE OF BREAKERS, SWITCHES, WIRE AND MOTOR CONTROLS INCLUDING HEATERS BASED UPON THE MOTOR INSTALLED.

13. PROVIDE DISCONNECT SWITCHES/STARTERS IF NOT FURNISHED INTEGRAL WITH THE MECHANICAL EQUIPMENT. SIZE DISCONNECT SWITCH/STARTER AS RECOMMENDED BY EQUIPMENT MANUFACTURER.

14. THE ELECTRICAL CONTRACTOR SHALL VERIFY THE TYPE OF CEILING SYSTEM WITH THE GENERAL CONTRACTOR OR CEILING CONTRACTOR TO INSURE THAT ALL RECESSED LIGHTING FIXTURES ARE COMPATIBLE WITH THE CEILING SYSTEM BEING INSTALLED. LIGHTING FIXTURES SHOULD NOT BE ORDERED UNTIL TYPE OF CEILING HAS BEEN VERIFIED.

15. LUMINAIRES SHALL BE SECURELY FASTENED TO THE CEILING FRAMING MEMBER BY MECHANICAL MEANS SUCH AS BOLTS, SCREWS, OR LISTED CLIPS IDENTIFIED FOR USE WITH THE TYPE OF CEILING FRAMING MEMBERS AND LUMINAIRES, PROVIDED THAT THE FRAMING MEMBERS OF THE SUSPENDED CEILING SYSTEM USED TO SUPPORT THE LUMINAIRES ARE SECURELY FASTENED TO EACH OTHER AND SECURELY FASTENED TO THE BUILDING STRUCTURE AT APPROPRIATE INTERVALS IN ACCORDANCE WITH NEC SECTION 410.30(A) OR 410.36(B) FOR CEILING GRID.

16. EXACT LOCATION, MOUNTING HEIGHT, AND TYPE OF TERMINATION FROM JUNCTION BOXES, STUB~UPS, DISCONNECT SWITCHES, ETC. SHALL BE DETERMINED FROM ARCHITECTURAL DRAWINGS, SHOP DRAWINGS, EQUIPMENT CUTS OR DETAILS BEFORE CONDUIT ROUGH~IN.

17. CONTRACTOR SHALL VERIFY ALL EQUIPMENT REQUIREMENTS BEFORE INSTALLING CONDUIT OR CONDUCTORS FROM POWER SOURCE TO EQUIPMENT TERMINATION.

GENERAL NOTES

18. CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMISSION OF BID. HE SHALL NOTE EXISTING CONDITIONS AND FAMILIARIZE HIMSELF WITH THE LAYOUT OF EXISTING LIGHTING AND POWER SYSTEMS IN ORDER TO THOROUGHLY UNDERSTAND THE SCOPE OF THE MODIFICATIONS TO THE PRESENT JOB AND THE EFFECT OF THOSE MODIFICATIONS.

19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTLY PHASING THE CIRCUITS IN THE PANELBOARDS. THREE SINGLE PHASE CIRCUITS MAY BE COMBINED WITH A COMMON NEUTRAL, PROVIDED EACH CIRCUIT IS ON A DIFFERENT PHASE.

20. THE CORRECT NUMBER OF WIRES MAY NOT BE INDICATED FOR ALL CIRCUITS. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL WIRES NECESSARY FOR THE PROPER FUNCTION OF THE SYSTEM WHETHER INDICATED ON DRAWING OR NOT.

21. ITEMS TO BE REMOVED: UNLESS OTHERWISE NOTED, CONTRACTOR SHALL PERFORM THE FOLLOWING:
   - 21.1. IF THE CONDUIT SERVING THE ITEM IS CONCEALED, THE CONTRACTOR SHALL REMOVE ALL CONDUCTORS, CUT CONDUIT BACK TO BELOW GRADE, FLOOR, OR ABOVE CEILING, AND PATCH TO MATCH EXISTING.
   - 21.2. IF THE CONDUIT SERVING THE ITEM IS EXPOSED, THE CONTRACTOR SHALL REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE.

22. ITEMS TO BE RELOCATED: UNLESS OTHERWISE NOTED, CONTRACTOR SHALL PERFORM THE FOLLOWING:
   - 22.1. IF THE CONDUIT SERVING THE ITEM OR FEEDING OTHER ITEMS IS CONCEALED, THE CONTRACTOR SHALL REMOVE ALL CONDUCTORS, CUT CONDUIT BACK TO BELOW GRADE, FLOOR, OR CEILING, AND REFEED THESE ITEMS WITH NEW CONDUIT AND WIRE AS SHOWN ON THE DRAWING.
   - 22.2. IF THE CONDUIT SERVING THE ITEMS IS EXPOSED, THE CONTRACTOR SHALL REROUTE CONDUIT AND CONDUCTORS WHERE POSSIBLE OR RUN NEW CONDUIT AND CONDUCTORS AS MAY BE REQUIRED.
   - 22.3. IF AN ITEM IS TO BE REPLACED, THE CONTRACTOR SHALL RECONNECT ALL EXISTING CONNECTIONS.

23. WHERE EXISTING WALLS ARE REMOVED, RECEPTACLES AND TELEPHONE OUTLETS SHALL BE REMOVED. EXISTING RECEPTACLES AND TELEPHONE OUTLETS ON WALL THAT REMAIN SHALL BE RECONNECTED AND REMAIN IN SERVICE. SEE ARCHITECTURAL DRAWINGS FOR WALLS TO BE REMOVED.

24. ALL MATERIAL AND EQUIPMENT USED ON THIS PROJECT SHALL BE LISTED AND LABELED BY U.L.

25. PROVIDE PROPER WORKING CLEARANCES REQUIRED BY NEC SECTION 110.26~A.

26. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ELECTRICAL PERMIT AND INSPECTIONS. ALL WORK IS SUBJECT TO FIELD INSPECTION.

27. ALL 15 AND 20 AMPS OUTLETS SHALL BE TAMPER RESISTANT PER NEC 406.12.

28. ALL SINGLE AND THREE PHASE RECEPTACLES IN COMMERCIAL KITCHEN SHALL BE GFCI PROTECTED, PER NEC 210.8(B).

29. PROVIDE SHUNT TRIP BREAKER FOR ALL ELECTRICAL CIRCUITS LOCATED UNDER KITCHEN HOOD. COORDINATE WITH KITCHEN DRAWING.

30. ALL KITCHEN EQUIPMENT BREAKER SIZES, WIRE SIZES AND NUMBERS SHALL BE COORDINATE WITH KITCHEN CONSULTANT PRIOR TO ROUGH~INS.

31. FUNCTIONAL TESTING OF LIGHTING CONTROL DEVICES AND LIGHTING CONTROL SYSTEMS SHALL BE CONDUCTED BY LIGHTING CONTROL MANUFACTURER TECHNICIAN TO ENSURE CONTORL HARDWARE AND SOFTWARE ARE CALIBRATED, ADJUSTED, PROGRAMMED AND IN PROPER WORKING CONDITIONS IN ACCORDANCE WITH THESE DRAWINGS AND MANUFACTURER'S INSTALLATION INSTRUCTIONS PER ENERGY CODE.

ELECTRICAL ABBREVIATIONS

ABBREVIATION	DESCRIPTION
A	AMPS.
AFF	ABOVE FINISHED FLOOR
CB	BRANCH CIRCUIT BREAKER
DED	DEDICATED RECEPTACLE
DW	DISH WASHER
E, EX, (E)	EXISTING
ER, (ER)	EXISTING TO BE RELOCATED
EWC	ELECTRICAL WATER COOLER
FSS	FUSED SAFETY SWITCH
GEN	GENERAL RECEPTACLE
GD	GARBAGE DISPOSER
HP	HORSEPOWER
KW	KILOWATTS
MCB	MAIN CIRCUIT BREAKER
MLO	MAIN LUGS ONLY
MW	MICROWAVE
N, (N)	NEW
NAC	NOTIFICATION APPLIANCE CONTROL PANEL
NF	NON FUSED (SAFETY SWITCH)
PH OR ø	PHASE
R	EXISTING RELOCATED
RE, (RE)	REMOVE EXISTING
RECEPT	RECEPTACLE
UON	UNLESS OTHERWISE NOTED
V	VOLTS
WP	WEATHERPROOF
T, XFMR	TRANSFORMER

ELECTRICAL SYMBOLS

SYMBOL	DESCRIPTION
(1)	INDICATES A DRAWING NOTE.
#	INDICATES A ROOM NUMBER.
	120/208V PANELBOARD.
	277/480V PANELBOARD.
T	DRY TYPE TRANSFORMER: SIZE AS NOTED ON SCHEDULE OR DRAWING
	CONDUIT UP.
	CONDUIT DOWN.
	EMERGENCY GENERATOR CIRCUIT WIRING.
#C	BRANCH CIRCUIT HOMERUN TO PANELBOARD. ARROWS INDICATE NUMBER OF CIRCUIT HOMERUNS TO PANELBOARD. CROSS MARKS INDICATE NUMBER OF CONDUCTORS WHEN MORE THAN THREE (3). TICK MARK INDICATES GROUND CONDUCTOR. PROVIDE EQUIPMENT GROUND PER N.E.C. WHERE NOT INDICATED.
#10	BRANCH CIRCUIT WIRING CONCEALED IN CEILING OR WALLS. CROSS MARKS AND NUMERALS INDICATE NUMBER AND SIZE OF CONDUCTORS RESPECTIVELY. 3~#12 A.W.G. NOT NOTED. PROVIDE EQUIPMENT GROUND PER N.E.C.
	GROUND CONNECTION.
	DUPLEX RECEPTACLE: 20A~125V~2P, 3W. MOUNTING HEIGHT +18" A.F.F. UNLESS OTHERWISE NOTED. SUBSCRIPTS ADJACENT TO RECEPTACLE SYMBOL INDICATE THE FOLLOWING: GFI ~ INDICATES GROUND FAULT INTERRUPTED RECEPTACLE +44" ~ DISTANCE MOUNTED FROM FLOOR USB ~ USB INTEGRATED OUTLETS. COORDINATE WITH ARCHITECT FOR RECEPTACLES USB PORTS REQUIREMENTS.
	QUAD RECEPTACLE WITH COMMON COVERPLATE. MOUNTING HGT. +18" A.F.F. UNLESS OTHERWISE NOTED.
	DUPLEX RECEPTACLE CONTROLLED BY LOCAL OCCUPANCY SENSOR. MOUNTING HGT. +18" A.F.F. UNLESS OTHERWISE NOTED.
	DOUBLE DUPLEX RECEPTACLE WITH COMMON COVERPLATE. 1 DUPLEX CONTROLLED BY LOCAL OCCUPANCY SENSOR DC ENERGY CODE, 1 DUPLEX CONSTANT HOT. MOUNTING HGT. +18" A.F.F. UNLESS OTHERWISE NOTED.
	CEILING MOUNTED RECEPTACLE
+48"	COMBINATION TELEPHONE/DATA OUTLET JUNCTION BOX. WALL MOUNTED +18"A.F.F U.O.N. CONTRACTOR TO PROVIDE SINGLE GANG RING WITH ONE PULL STRING. IN WALL WITH INSULATION PROVIDE (1) 3/4"C STUBBED ABOVE ACCESSIBLE CEILING. CABLING AND COVERPLATES ARE TO BE PROVIDED AND INSTALLED BY TENANT'S VENDOR. SUBSCRIPTS ADJACENT TO TELE/DATA SYMBOL INDICATE THE FOLLOWING: +48" ~ DISTANCE MOUNTED FROM FLOOR
J J	JUNCTION BOX
$	SINGLE POLE TOGGLE SWITCH. MOUNTING HEIGHT +48" A.F.F., U.O.N. SUBSCRIPTS AT SWITCH SYMBOL INDICATE THE FOLLOWING: OS ~ WALL MOUNTED PASSIVE INFRARED (PIR) VACANCY SENSOR, SIMILAR TO ACUITY. VACANCY SWITCH SET FOR MANUAL ON. OSD~ WALL MOUNTED PASSIVE INFRARED (PIR) 0~10V DIMMING VACANCY SENSOR, SIMILAR TO ACUITY. VACANCY SWITCH SET FOR MANUAL ON. a,b,c ~ IDENTIFICATION OF LIGHTS CONTROLLED LV ~ LOW VOLTAGE MOMENTARY SWITCH SIMILAR TO LEVITON. D ~ LV 0~10V DIMMING SWITCH SIMILAR TO LEVITON. $3~ 3 WAY SWITCH.
PS PS#	POWER PACK SIMILAR TO LEVITON OPP20~RD4 OR EQUAL # ~ REFERENCE NOTE NUMBER OF POWER PACK
M	CEILING MOUNTED OCCUPANCY/VACANCY SENSOR.
D	DAY LIGHT CEILING SENSOR
	MOTOR CONNECTION. NUMERAL INDICATES HORSEPOWER.
	MANUAL MOTOR STARTER WITH THERMAL OVERLOAD PROTECTION.
60/50	HEAVY DUTY SAFETY SWITCH. RATING AS NOTED. 60/50 INDICATES 60A SWITCH WITH 50A FUSES. 60/NF INDICATES 60A NON~FUSED SWITCH. POLES AND VOLTAGE AS REQUIRED.
	WALL OR CEILING MOUNTED EXIT LIGHT
F	FIRE ALARM MANUAL PULL STATION.
V 15	FIRE ALARM VISUAL LIGHT, CEILING MTD OR WALL MTD +80" A.F.F. 15 ~ CANDELA, U.O.N.
AV 15	COMBINATION FIRE ALARM AUDIO/VISUAL CEILING MTD OR WALL MTD +80" A.F.F. 15 ~ CANDELA, U.O.N.
R	RELAY FOR EMERGENCY LIGHTS. PROVIDE EMERGENCY RELAY, CONNECT LIGHT FIXTURE TO NORMAL AND EMERGENCY CIRCUIT THRU EMERGENCY LIGHTING TRANSFER RELAY.

IDEA
CULINARY TEACHING KITCHEN

1027 45th STREET NE,
WASHINGTON , DC 20019

OWNER
OWNER NAME
ADDRESS LINE 1
ADDRESS LINE 2
T (XXX) XXX.XXXX
WWW.CONSULTANT.COM

ARCHITECT
STUDIO**TWENTYSEVEN** ARCHITECTURE
805 15TH STREET NW
SUITE 1000
WASHINGTON, DC 20005
T (202) 939. 0027
WWW.STUDIO27ARCH.COM

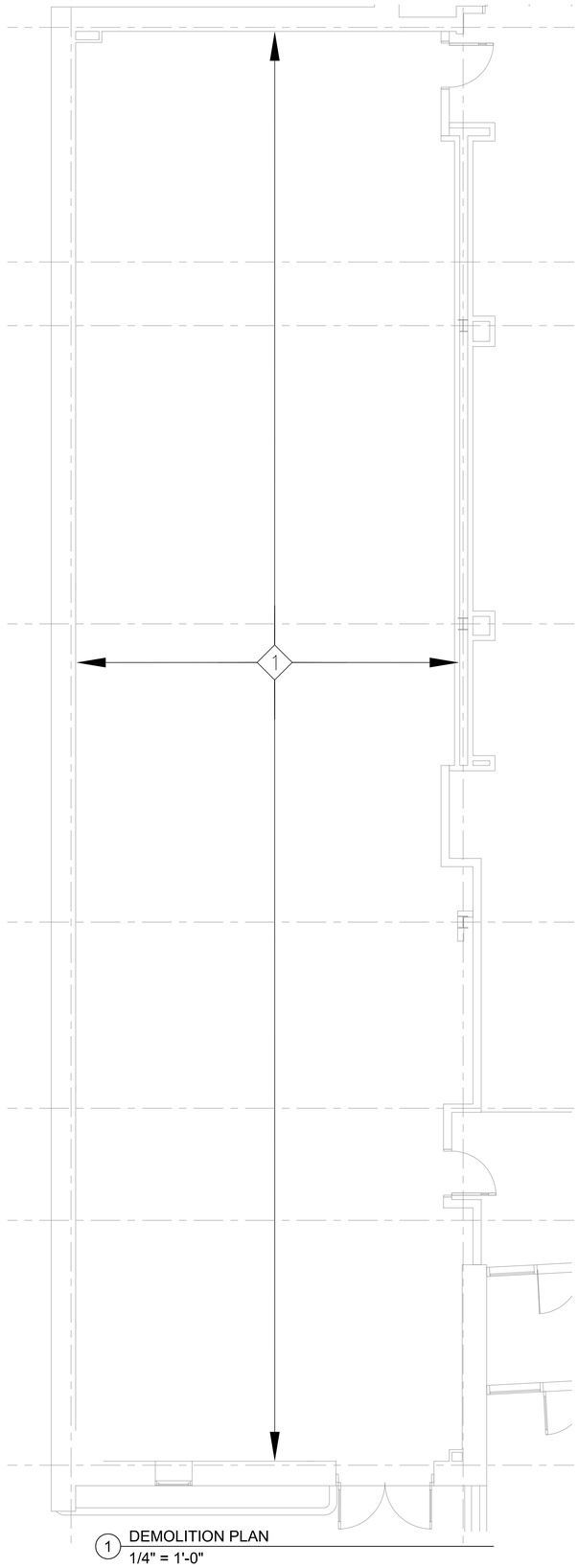
MEP ENGINEER
CONSULTANT NAME
ADDRESS LINE 1
ADDRESS LINE 2
T (XXX) XXX.XXXX
WWW.CONSULTANT.COM

KEY PLAN

N

PROGRESS SET

DRAWING TYPE: ELECTRICAL	DRAWING TITLE: ELECTRICAL COVER SHEET
DRAWING DATE: OCTOBER 26, 2026	DRAWING NUMBER: **E001**
DRAWING SCALE: As indicated	



1 DEMOLITION PLAN
1/4" = 1'-0"

ELECTRICAL DEMOLITION NOTES

1. REMOVE SUCH EXISTING WORK AS CALLED FOR ON ARCHITECTURAL DRAWINGS OR AS REQUIRED TO CLEAR THE AREA FOR NEW CONSTRUCTION.
2. EXCEPT AS OTHERWISE NOTED, ALL EXISTING ELECTRICAL WORK WHICH WILL NOT BE RENDERED OBSOLETE AND WHICH MAY BE DISTURBED DUE TO ANY CHANGES REQUIRED UNDER THIS CONTRACT SHALL BE RESTORED TO ITS ORIGINAL OPERATING CONDITION. OTHER ELECTRICAL WORK OR MATERIAL RENDERED OBSOLETE SHALL BE ABANDONED WHERE CONCEALED AND REMOVED WHERE EXPOSED. OLD UNUSED WIRING, DEVICES AND BOXES SHALL BE REMOVED AND WALLS SHALL BE PATCHED. BOXES IN MASONRY WALL SHALL BE PROVIDED WITH BLANK COVERS.
3. MAINTAIN CONTINUITY OF THOSE FEEDER AND/OR BRANCH CIRCUITS SERVING MULTIPLE ITEMS OF WHICH ONE OR MORE ARE BEING REMOVED. CONDUCTORS AND CONDUITS FOR THOSE ITEMS BEING REMOVED SHALL BE DISCONNECTED AND REMOVED AS FAR AS PRACTICABLE.
4. WHERE EXISTING ELECTRICAL WORK INTERFERES WITH NEW WORK AND WHERE SUCH INSTALLATIONS ARE TO REMAIN IN USE, THE INSTALLATIONS SHALL BE RELOCATED AND/OR RECONNECTED TO COORDINATE WITH THE WORK INDICATED ON THE CONTRACT DRAWINGS AND AS SPECIFIED.
5. WHEN EXISTING ELECTRICAL INSTALLATIONS, SUCH AS POWER, LIGHTING AND COMMUNICATION SYSTEMS, ARE AFFECTED BY THIS RENOVATION BUT MUST BE RETAINED TO SERVE UNRENOVATED AREAS, THEY SHALL BE REROUTED OR RECONNECTED AS REQUIRED TO ACCOMMODATE THE RENOVATION. PRIOR APPROVAL TO RELOCATE PORTION OF SUCH SYSTEMS SHALL BE COORDINATED WITH ARCHITECT OR OWNER.
6. REMOVE ALL EXISTING ELECTRICAL EQUIPMENT AND CONDUITS NOT REUSED OR NOT NECESSARY FOR THE COMPLETION OF THIS PROJECT.
7. ALL MAJOR EQUIPMENT REMOVED (SUCH AS LIGHTING FIXTURES) THAT IS NOT BEING REUSED SHALL REMAIN THE PROPERTY OF THE OWNER AND SHALL BE STORED OR DISPOSED AS DIRECTED.
8. ANY AND ALL ELECTRIC SERVICE TO BE REMOVED SHALL BE DEMOLISHED BACK TO POWER SOURCE, IN OTHER WORDS BACK TO THE BREAKER PANEL FEEDING IT.

REFERENCE NOTES

◇1 REMOVE ALL EXISTING LIGHTING FIXTURES, LIGHT SWITCHES, EXIT SIGNS, RECEPTACLES, FIRE ALARM DEVICES, TELEPHONE/DATA OUTLETS, AND ASSOCIATED WIRING OR CONDUITS FROM THE SCOPE AREA UNLESS OTHERWISE NOTED OR WHERE SHOWN TO REMAIN ON THE NEW PLANS.

IDEA

CULINARY TEACHING KITCHEN

1027 45th STREET NE,
WASHINGTON , DC 20019

OWNER
OWNER NAME
ADDRESS LINE 1
ADDRESS LINE 2
T (XXX) XXX.XXXX
WWW.CONSULTANT.COM

ARCHITECT
STUDIO**TWENTYSEVEN** ARCHITECTURE
805 15TH STREET NW
SUITE 430
WASHINGTON, DC 20005
T (202) 935. 0027
WWW.STUDIO27ARCH.COM

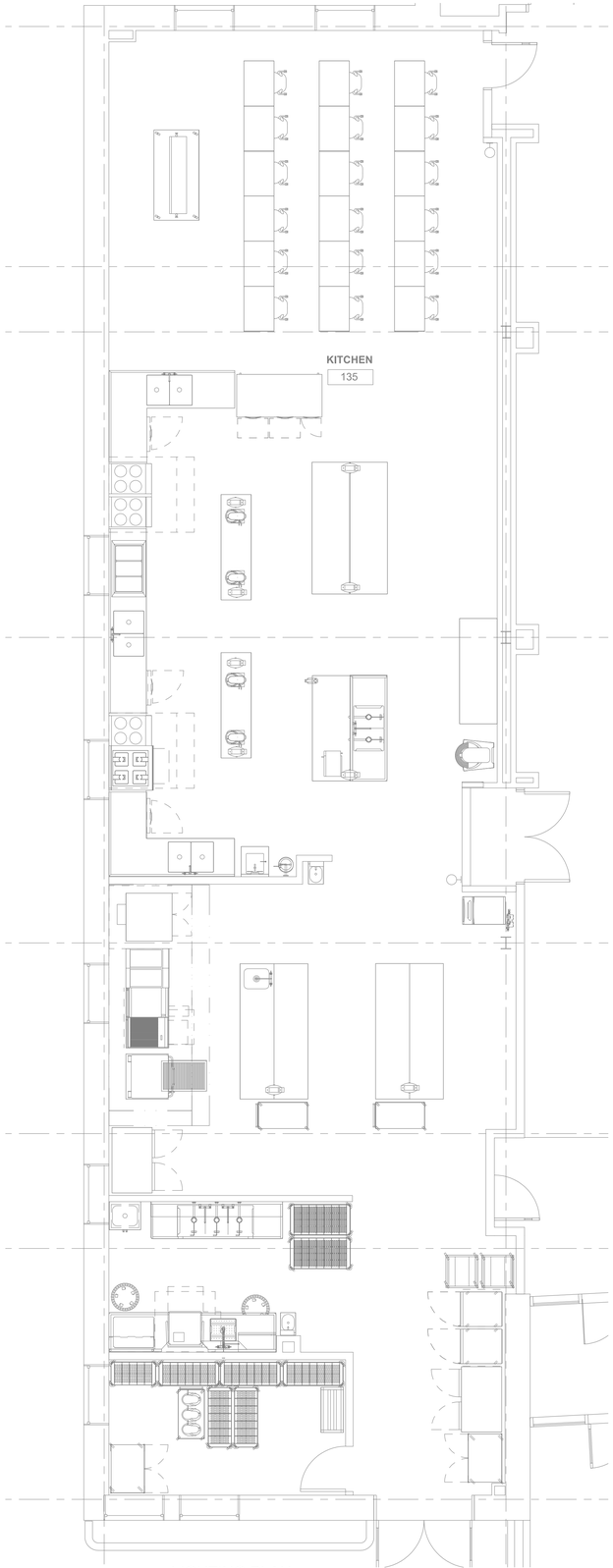
MEP ENGINEER
CONSULTANT NAME
ADDRESS LINE 1
ADDRESS LINE 2
T (XXX) XXX.XXXX
WWW.CONSULTANT.COM

KEY PLAN

N

PROGRESS SET

DRAWING TYPE: ELECTRICAL	DRAWING TITLE: DEMOLITION PLAN
DRAWING DATE: OCTOBER 26, 2026	DRAWING NUMBER: **E002**
DRAWING SCALE: As indicated	



1 LIGHTING PLAN
1/4" = 1'-0"

SHEET NOTES

1. REFER TO ARCHITECTURAL PLANS, DETAILS AND ELEVATIONS FOR EXACT LOCATIONS, MOUNTING HEIGHTS, FINISHES AND ADDITIONAL INFORMATION FOR ALL ELECTRICAL DEVICES.
2. ELECTRICAL CONTRACTOR MAY UTILIZE EXISTING CIRCUIT BREAKERS MADE SPARE DUE TO DEMOLITION.
3. PROVIDE WIRE, CONDUITS RACEWAY, POWER PACKS ETC. ELECTRICAL CONTRACTOR TO VERIFY ALL INFORMATION INDICATED ON THIS PLAN, AND PROVIDE A COMPLETE FUNCTIONAL LIGHTING CONTROL SYSTEM.
4. CONNECT ALL EXIT LIGHT, AHEAD OF LIGHTING CONTROLLED SWITCH.
5. ALL POWER PACKS SHOULD BE LOCATED IN AN ACCESSIBLE CEILING. COORDINATE WITH ARCHITECT AND PROVIDE AN ACCESS PANEL IF REQUIRED.

LIGHTING CONTROL COMMISSIONING NOTES

1. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR COMMISSIONING THE LIGHTING SYSTEM OR RETAIN MANUFACTURER OF THE CONTROL SYSTEM FOR COMMISSIONING OF THE LIGHTING CONTROL.
2. ALL ROOM WITH CEILING MOTION SENSOR SHALL BE AUTOMATICALLY SHUT OFF WITHIN 20 MINUTES OF ALL OCCUPANTS LEAVING THE SPACE AS PER ASHRAE 9.4.1.1(h).
3. OCCUPANT SENSOR CONTROLS IN NEW CORRIDORS SHALL UNIFORMLY REDUCE LIGHTING POWER TO AN UNOCCUPIED SETPOINT NOT MORE THAN 50 PERCENT OF FULL POWER WITHIN 20 MINUTES AFTER ALL OCCUPANTS HAVE LEFT THE SPACE.
4. FUNCTIONAL TESTING OF LIGHTING CONTROL DEVICES AND LIGHTING CONTROL SYSTEMS SHALL BE CONDUCTED BY LIGHTING CONTROL MANUFACTURER TECHNICIAN TO ENSURE CONTORL HARDWARE AND SOFTWARE ARE CALIBRATED, ADJUSTED, PROGRAMMED AND IN PROPER WORKING CONDITIONS IN ACCORDANCE WITH THESE DRAWINGS AND MANUFACTURER'S INSTALLATION INSTRUCTIONS PER ENERGY CODE.

IDEA
CULINARY TEACHING KITCHEN

1027 45th STREET NE,
WASHINGTON , DC 20019

OWNER
OWNER NAME
ADDRESS LINE 1
ADDRESS LINE 2
T (XXX) XXX-XXXX
WWW.CONSULTANT.COM

ARCHITECT
STUDIO**TWENTYSEVEN** ARCHITECTURE
805 15TH STREET NW
SUITE 1100
WASHINGTON, DC 20005
T (202) 839. 0027
WWW.STUDIO27ARCH.COM

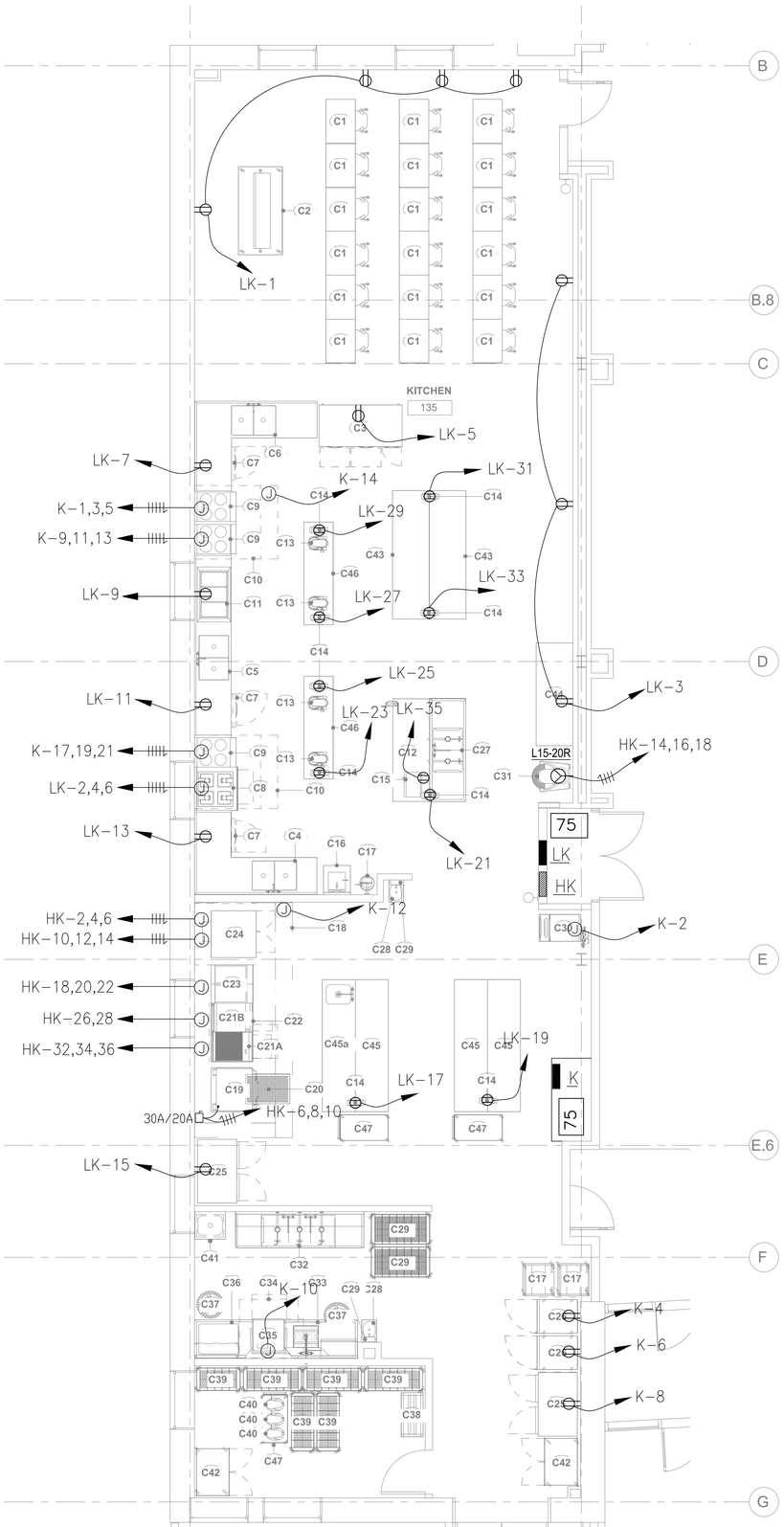
MEP ENGINEER
CONSULTANT NAME
ADDRESS LINE 1
ADDRESS LINE 2
T (XXX) XXX-XXXX
WWW.CONSULTANT.COM

KEY PLAN

N

PROGRESS SET

DRAWING TYPE	DRAWING TITLE
ELECTRICAL	LIGHTING PLAN
DRAWING DATE	DRAWING NUMBER
OCTOBER 26, 2026	**E003**
DRAWING SCALE	
As indicated	



1 POWER PLAN
1/4" = 1'-0"

SHEET NOTES

1. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS, MOUNTING HEIGHTS AND ADDITIONAL INFORMATION.
2. CONNECT KITCHEN HOOD TO FACP AND INDICATE ON FAAP.
3. ELECTRICAL CONTRACTOR TO PROVIDE FINAL CONNECTION FROM JUNCTION BOXES TO KITCHEN EQUIPMENT.
4. PROVIDE TWIST LOCK RECEPTACLES FOR ALL EQUIPMENT IN THE KITCHEN AREA.
5. ALL SINGLE PHASE RECEPTACLES, 50 AMP OR LESS AND THREE PHASE RECEPTACLES LESS THAN 100 AMP AND 150 VOLTS TO GROUND IN KITCHEN/ FOOD PREPARATION AREAS SHALL HAVE GROUND-FAULT CIRCUIT INTERRUPTER.
6. ALL 15 AND 20 AMPS., 125 AND 250 VOLT NON LOCKING TYPE RECEPTACLES SHALL BE TAMPER RESISTANT PER NEC 406.12.
7. CONTRACTOR SHALL COORDINATE WITH KITCHEN CONSULTANT DRAWINGS FOR KITCHEN PIROR TO ROUGH-IN AND ANY ADDITIONAL ELECTRICAL REQUIREMENTS UNDER THIS SCOPE OF WORK.
8. COORDINATE CIRCUIT BREAKER SIZE, WIRE SIZE AND NUMBER OF WIRES REQUIRED FOR ALL EQUIPMENT WITH KITCHEN CONSULTANT PRIOR TO ROUGH-INS.

KITCHEN HOOD NOTES

1. INTERLOCK KITCHEN FIRE SUPPRESSION SYSTEM WITH KITCHEN HOOD FAN TO INITIATE EMERGENCY VENTILATION SYSTEM OPERATION (SHUTDOWN OR OTHERWISE) UPON ACTIVATION OF SUPPRESSION SYSTEM. COORDINATE REQUIREMENTS WITH THE COUNTY FIRE MARSHALL.
2. ALL SHUNT TRIP CIRCUIT BREAKERS WHICH FEED KITCHEN EQUIPMENT UNDER KITCHEN HOOD: SHALL BE CONNECTED TO KITCHEN FIRE SUPPRESSION SYSTEM AND SHALL BE DE-ENERGIZED UPON ACTIVATION OF FIRE SUPPRESSION SYSTEM.

EQUIPMENT SCHEDULE

ITEM	QTY.	EQPMT. ON RFP*	DESCRIPTION	COMMENTS
C1	18		STUDENT STATION, MOBILE	
C2	1		DEMONSTRATION TABLE, MOBILE	W/MIRROR
C3	1	j.	REFRIGERATED WORKTOP, MOBILE	
C4	1	j. / n.	WORKCOUNTER	W/ UNDERNEATH STORAGE
C5	1	j. / n.	WORKCOUNTER	W/ UNDERNEATH STORAGE
C6	1	j. / n.	WORKCOUNTER	W/ UNDERNEATH STORAGE
C7	3	g.	UNDERCOUNTER REFRIGERATOR, MOBILE	
C8	1	a.	INDUCTION RANGE, MOBILE	W/ CONVECTION OVEN BASE; ADA-ACCESSIBLE
C9	3	a.	INDUCTION RANGE, MOBILE	W/ CONVECTION OVEN BASE
C10	2	m.	VENTILATOR	W/ FIRE SUPPRESSION SYSTEM
C11	1	i.	COLD WELLS	DROP-IN; 3-WELL
C12	1	i. / n.	WORKTABLE	W/ DRAWERS
C13	4	q.	5QT MIXER	COUNTERTOP UNIT
C14	9		RETRACTABLE CORD REEL	
C15	1	p.	MICROWAVE OVEN	COUNTERTOP UNIT
C16	1	k.	HAND SINK	ADA-COMPLIANT
C17	1	k.	EYE WASH STATION	
C18	1	m.	VENTILATOR	W/ FIRE SUPPRESSION SYSTEM
C19	1	f.	TILT SKILLET, 30 GALLON	
C20	1		FLOOR TROUGH	
C21A	1	d.	CHARBROILER	COUNTERTOP UNIT
C21B	1	d.	GRIDDLE	COUNTERTOP UNIT
C22	1	h.	FREEZER BASE, MOBILE	
C23	1	c.	FRYER ASSEMBLY, MOBILE	
C24	1	b.	CONVECTION OVEN, MOBILE	DOUBLE-DECK
C25	2	g.	REACH-IN REFRIGERATOR, MOBILE	
C26	2	h.	REACH-IN FREEZER, MOBILE	
C27	1	k.	PREP SINK	W/ OVERSHELF
C28	2	k.	HAND SINK	SPACE SAVER
C29	2	k.	SOAP & TOWEL DISPENSER	(N.I.K.E.C.) - SPECIFIED BY ARCHITECT
C30	1	e.	ICE MACHINE BIN	W/ WATER FILTER SYSTEM
C31	1	q.	MIXER, 60-QT.	
C32	1	k.	POT WASHING SINK	W/ OVERSHELF
C33	1	l.	SOILED DISHTABLE	W/ GLASS RACK
C34	1	m.	CONDENSATE CANOPY	
C35	1	l.	DISHMACHINE	HIGH TEMP. W/BOOSTER HEATER
C36	1	l.	CLEAN DISHTABLE	W/ OVERSHELF
C37	2		TRASH CONTAINER, MOBILE	
C38	1		WALK-IN COOLER/FREEZER	W/ AIR SHIELD; 9'-6" HEIGHT
C39	1		COOLER REFRIGERATION SYSTEM	LOCATED OUTDOORS ON ROOF
C40	1		FREEZER REFFRIGERATION SYSTEM	LOCATED OUTDOORS ON ROOF
C41	3	n.	DUNNAGE RACK, MOBILE	
C42	18	n.	SHELVING, MOBILE	
C43	3		MIXER, 5-QUART	
C44	1		MOP SINK CABINET	
C45	2	n.	SECURITY UNIT, MOBILE	LOCKABLE
C46	1	i. / n.	WORKTABLE	W/ DRAWERS
C47	1	i. / n.	WORKTABLE	W/ DRAWERS
C48	4	i. / n.	WORKTABLE	W/ DRAWERS; INTERLOCKED
C49	2	i. / n.	WORKTABLE	(1) UNIT W/ BOLTED MANUAL CAN OPENER
C50	1		UTILITY CART, MOBILE	

IDEA
CULINARY TEACHING KITCHEN

1027 45th STREET NE,
WASHINGTON , DC 20019

OWNER
OWNER NAME
ADDRESS LINE 1
ADDRESS LINE 2
T (XXX) XXX-XXXX
WWW.CONSULTANT.COM

ARCHITECT
STUDIO**TWENTYSEVEN** ARCHITECTURE
805 15TH STREET NW
SUITE 430,
WASHINGTON, DC 20005
T (202) 639. 0027
WWW.STUDIO27ARCH.COM

MEP ENGINEER
CONSULTANT NAME
ADDRESS LINE 1
ADDRESS LINE 2
T (XXX) XXX-XXXX
WWW.CONSULTANT.COM

KEY PLAN

N

PROGRESS SET

DRAWING TYPE: ELECTRICAL	DRAWING TITLE: POWER PLAN
DRAWING DATE: OCTOBER 26, 2026	DRAWING NUMBER: **E004**
DRAWING SCALE: As indicated	

NEW PANEL

PANELBOARD HK — SURFACE MOUNTED — SYM. A.I.C. MIN.
CIRCUIT BREAKER TYPE – AMP.MAIN BREAKER W/ – AMP.TRIP
480/277 VOLTS 3 PHASE 4 WIRE 225 AMP.MAINS

CKT NO.	TRIP AMPS	NO. POLE	LOAD SERVED	LOAD–V.A. A@	LOAD–V.A. B@	LOAD–V.A. C@	CKT NO.	TRIP AMPS	NO. POLE	LOAD SERVED
1	20	1	SPARE –				2	20	3	CONVENTION OVEN –
3	20	1	SPARE –				4			
5	20	1	SPARE –				6			
7	20	1	SPARE –				8			SHUNT TRIP
9	20	1	SPARE –				10	20	3	CONVENTION OVEN –
11	20	1	SPARE –				12			
13	20	1	SPARE –				14			
15	20	1	SPARE –				16			SHUNT TRIP
17	20	1	SPARE –				18	40	3	FRYER –
19	20	1	SPARE –				20			
21	20	1	SPARE –				22			SHUNT TRIP
23	20	1	SPARE –				24			
25	20	1	SPARE –				26	20	3	GRIDDLE –
27	20	1	SPARE –				28			
29	20	1	SPARE –				30			SHUNT TRIP
31	125	3	75KVA XFMR –				32	20	3	CHARBOILER –
33							34			
35							36			
37	125	3	75KVA XFMR –				38			SHUNT TRIP
39							40	20	1	SPARE –
41							42	20	1	SPARE –

NEW PANEL

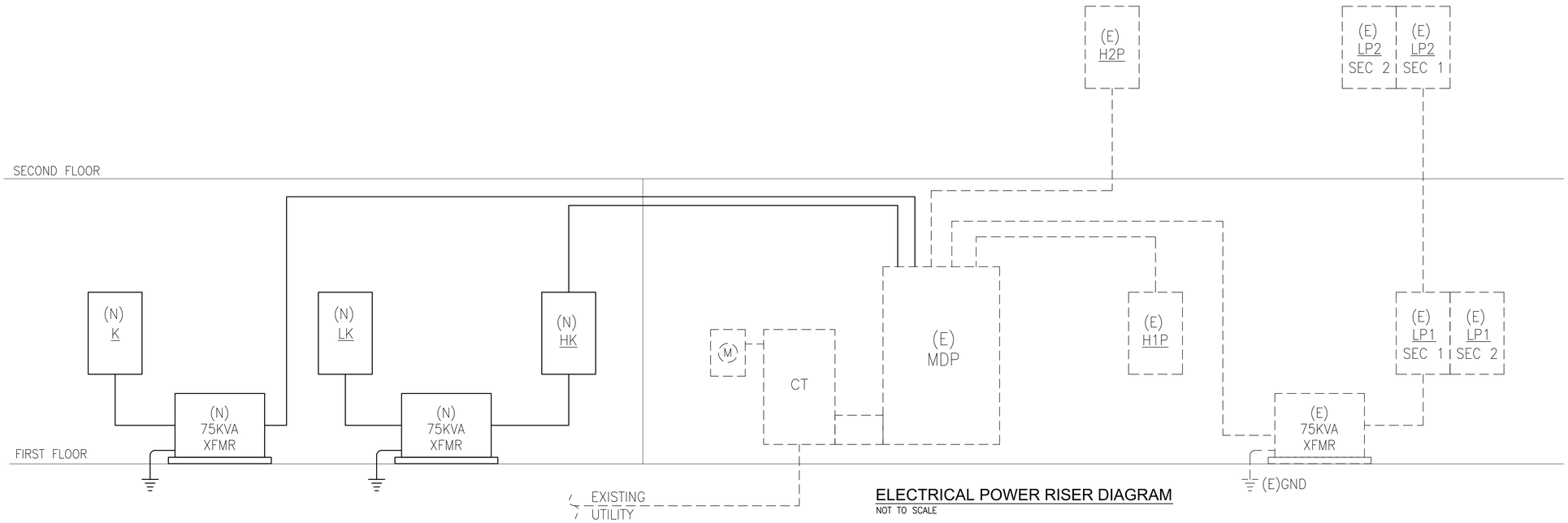
PANELBOARD LK — SURFACE MOUNTED 10K SYM. A.I.C. MIN.
CIRCUIT BREAKER TYPE – AMP.MAIN BREAKER W/ 250 AMP.TRIP
208/120 VOLTS 3 PHASE 4 WIRE 250 AMP.MAINS

CKT NO.	TRIP AMPS	NO. POLE	LOAD SERVED	LOAD–V.A. A@	LOAD–V.A. B@	LOAD–V.A. C@	CKT NO.	TRIP AMPS	NO. POLE	LOAD SERVED
1	20	1	RECEPTACLES –				2	60	3	INDUCTION RANGE –
3	20	1	RECEPTACLES –				4			
5	20	1	REFEGERATED WORKTOP –				6			
7	20	1	UC REF. –				8			SHUNT TRIP
9	20	1	COLD WELL –				10	20	1	SPARE –
11	20	1	UC REF. –				12	20	1	SPARE –
13	20	1	UC REF. –				14	20	1	SPARE –
15	20	1	REACH–IN REF. –				16	20	1	SPARE –
17	20	1	RETRACTABLE CORD REEL –				18	20	1	SPARE –
19	20	1	RETRACTABLE CORD REEL –				20	20	1	SPARE –
21	20	1	RETRACTABLE CORD REEL –				22	20	1	SPARE –
23	20	1	RETRACTABLE CORD REEL –				24	20	1	SPARE –
25	20	1	RETRACTABLE CORD REEL –				26	20	1	SPARE –
27	20	1	RETRACTABLE CORD REEL –				28	20	1	SPARE –
29	20	1	RETRACTABLE CORD REEL –				30	20	1	SPARE –
31	20	1	RETRACTABLE CORD REEL –				32	20	1	SPARE –
33	20	1	RETRACTABLE CORD REEL –				34	20	1	SPARE –
35	20	1	MICROWAVE OVEN –				36	20	1	SPARE –
37	20	1	SPARE –				38	20	1	SPARE –
39	20	1	SPARE –				40	20	1	SPARE –
41	20	1	SPARE –				42	20	1	SPARE –

NEW PANEL

PANELBOARD K — SURFACE MOUNTED 10K SYM. A.I.C. MIN.
CIRCUIT BREAKER TYPE – AMP.MAIN BREAKER W/ – AMP.TRIP
208/120 VOLTS 3 PHASE 4 WIRE 250 AMP.MAINS

CKT NO.	TRIP AMPS	NO. POLE	LOAD SERVED	LOAD–V.A. A@	LOAD–V.A. B@	LOAD–V.A. C@	CKT NO.	TRIP AMPS	NO. POLE	LOAD SERVED
1	80	3	INDUCTION RANGE –				2	20	1	ICE MACHINE –
3							4	20	1	REACH–IN FREEZER –
5							6	20	1	REACH–IN FREEZER –
7			SHUNT TRIP				8	20	1	REACH–IN REF. –
9	80	3	INDUCTION RANGE –				10	20	1	SPARE –
11							12	20	1	SPARE –
13							14	20	1	SPARE –
15			SHUNT TRIP				16	20	1	SPARE –
17	80	3	INDUCTION RANGE –				18	20	1	SPARE –
19							20	20	1	SPARE –
21							22	20	1	SPARE –
23			SHUNT TRIP				24	20	1	SPARE –
25	20	1	SPARE –				26	20	1	SPARE –
27	20	1	SPARE –				28	20	1	SPARE –
29	20	1	SPARE –				30	20	1	SPARE –
31	20	1	SPARE –				32	20	1	SPARE –
33	20	1	SPARE –				34	20	1	SPARE –
35	20	1	SPARE –				36	20	1	SPARE –
37	20	1	SPARE –				38	20	1	SPARE –
39	20	1	SPARE –				40	20	1	SPARE –
41	20	1	SPARE –				42	20	1	SPARE –



ELECTRICAL POWER RISER DIAGRAM
NOT TO SCALE

NOTES:

1) ALL DASHED EQUIPMENT AND WIRE IS EXISTING TO REMAIN.

IDEA
CULINARY TEACHING KITCHEN

1027 45th STREET NE,
WASHINGTON , DC 20019

OWNER
OWNER NAME
ADDRESS LINE 1
ADDRESS LINE 2
T (XXX) XXX.XXXX
WWW.CONSULTANT.COM

ARCHITECT
STUDIO**TWENTYSEVEN** ARCHITECTURE
805 15TH STREET NW
SUITE 430
WASHINGTON, DC 20005
T (202) 609. 0027
WWW.STUDIO27ARCH.COM

MEP ENGINEER
CONSULTANT NAME
ADDRESS LINE 1
ADDRESS LINE 2
T (XXX) XXX.XXXX
WWW.CONSULTANT.COM

KEY PLAN

N

PROGRESS SET

DRAWING TYPE: ELECTRICAL	DRAWING TITLE: POWER RISER AND PANEL SCHEDULES
DRAWING DATE: OCTOBER 26, 2026	DRAWING NUMBER: **E006**
DRAWING SCALE: As indicated	