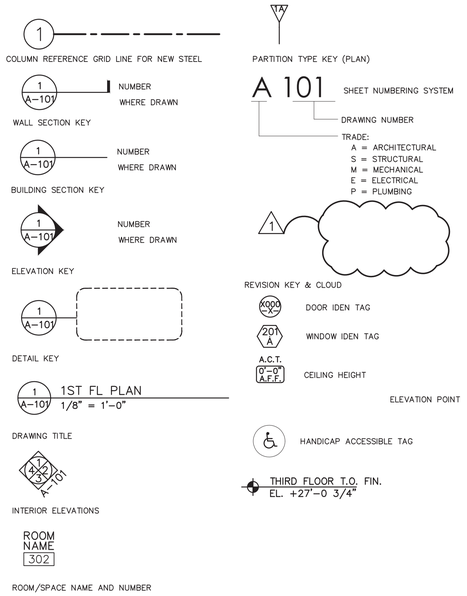
ABBREVIATIONS

&	AND
@	AT
AB	ANCHOR BOLT (SEE EB)
A/C	AIR CONDITIONING
AC	ACOUSTICAL
ACOUS	ACOUSTIC
ACT	ACOUSTICAL TILE
ACU	AIR CONDITIONING UNIT
AD	ACCESS DOOR (SEE AP)
ADJ	ADJACENT/ADJOINING
ADJUST	ADJUSTABLE
AFF	ABOVE FINISH FLOOR
AGG	AGGREGATE
AHU	AIR HANDLING UNIT
ALT	ALTERNATE
ALUM	ALUMINUM
AP	ACCESS PANEL (SEE AD)
APPRX	APPROXIMATE
ARCH	ARCHITECTURAL
ASB	ASBESTOS
ASBE	AS ORDERED BY ENGINEERS
ASPH	ASPHALT
AUTO	AUTOMATIC
AVE	AVENUE
AVG	AVERAGE
BD	BOARD
BEV	BEVELED
BLDG	BUILDING
BLKG	BLOCKING
BM	BEAM
BOT	BOTTOM
BRG	BEARING
BTW	BETWEEN
CC	CUBIC CENTIMETER
C/C	CENTER TO CENTER
CCTV	CLOSED CIRCUIT TELEVISION
CEM	CEMENT
CFLSH	COUNTER FLASHING
CFM	CUBIC FEET PER MINUTE
CI	CAST IRON
CIP	CAST IN PLACE
CJ	CONTROL JOINT (SEE EXP JT)
CLG	CEILING
CL	CLOSET
CLR	CLEAR/CLEARANCE
CM	CONSTRUCTION MANAGER
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONN	CONNECTION
CONST	CONSTRUCT/CONSTRUCTION
CONT	CONTINUOUS
CORR	CORRIDOR
CPT	CARPET
CT	CERAMIC TILE
CW	COLD WATER
D	DEEP
DA	DOUBLE ACTING
DBL	DOUBLE
DF	DRINKING FOUNTAIN (SEE EWC)
DIA	DIAMETER
DIM	DIMENSION
DL	DEAD LOAD
DN	DOWN
DTL	DETAIL
DWG	DRAWING
E	EAST
EA	EACH
EB	EXPANSION BOLT (SEE AB)
EBR	ELECTRIC BASEBOARD RADIATION
EIFS	EXTERIOR INSULATED FINISH SYSTEM
EJ	EXPANSION JOINT (SEE CJ)
EL	ELEVATION
ELEC	ELECTRICAL/ELECTRIC
ELEV	ELEVATOR
EMER	EMERGENCY
ENCL	ENCLOSURE/ENCLOSED
ENGR	ENGINEER
ENTR	ENTRANCE
EQ	EQUAL
EQP	EQUIPMENT
EWC	ELECTRIC WATER COOLER (SEE DF)
EXG/EXIST	EXISTING
EXH	EXHAUST
EXP	EXPOSED
EXPAN	EXPANDED/EXPANSION
EXT	EXTERIOR
FA	FIRE ALARM
FAB	FABRICATED
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FEC	FACE TO FACE (CLEAR DISTANCE)
F/F	FIRE HOSE CABINET
FHC	FIN
FIN	FIXTURE
FIX	FLOOR/FLOORING
FL	FLOOR DRAIN
FLD	FLANGE
FLG	FOUNDATION
FND	FACE OF
F.O.	FACE OF MASONRY
FOM	FIREPROOF
FP	FEET PER MINUTE
FPM	FIREPROOFING
FPRFG	(PRESSURE) FIRE RETARDANT TREATED
FRT	FLOOR SINK
FS	FOOT/FEET
FT	GAGE (GAUGE)
GA	GALLON
GAL	GALVANIZED
GALV	GENERAL CONTRACTOR
GC	GLASS
GL	GALLONS PER MINUTE
GPM	GRILLE
GRL	GRATING
GRTG	GYPSUM
GYP	GYPSUM WALL BOARD
GWB	HIGH
H	HOSE BIB
HB	HARDWARE
HDW	HARDWARE
HDWR	HANGER
HGR	HISTORIC
HIST	HOLLOW METAL (STEEL)
HM	HORIZONTAL
HOR	HIGH POINT
HP	HOUR
HR	HEIGHT
HT	HEATING
HTG	HEATING, VENTILATION AND AIR CONDITIONING
HVAC	HOT WATER
HW	HARDWOOD
HWD	INSIDE DIAMETER
ID	INCH(ES)
IN	INCLUDING/INCLUDED
INCL	INSULATE/INSULATED/INSULATION
INSUL	INTERIOR
INT	INVERTED/INVERT
INV	JUNCTION BOX
JB	JANITORS CLOSET
JC	JOINT
JT	KITCHEN
KIT	KNOCKOUT
KO	LONG/LENGTH
L	LAMINATED
LAM	LAVATORY
LAV	LEAD COATED COPPER
LCC	POUND(S)
LB(S)	LINEAR FEET
LF	LIVE LOAD
LL	LOW POINT
LP	LIGHT
LT	LIGHTING
LTG	LIGHTWEIGHT CONCRETE
LWC	MARBLE
MBL	MACHINE
MACH	MANUFACTURER
MANUF	MATERIAL
MAT	MAXIMUM
MAX	MECHANICAL
MECH	MECHANICAL, ELECTRICAL & PLUMBING
MEP	MEDIUM
MED	MEMBRANE
MEMB	METAL
MTL	MEZZANINE
MEZZ	MANUFACTURER(R)
MFR	MANHOLE
MH	MINIMUM
MIN	MISCELANEOUS
MISC	MASONRY OPENING
MO	MOUNTED
MTD	MOUNTING
MTG	NORTH
N	NOT IN CONTRACT
NIC	NOMINAL
NOM	NOISE REDUCTION COEFFICIENT
NRC	NOT TO SCALE
NTS	NUMBER
NO	OVERALL
OA	ON CENTER(S)
OC	OUTSIDE DIAMETER
OD	OUT TO OUT
O/O	OPENING
OPG	OPPOSITE HAND
OPH	OPPOSITE
OPP	ORNAMENTAL
ORN	OTHER SIDE
OS	OUNCE
OZ	PAINT
P	PUBLIC ADDRESS
PA	PULL BOX
PB	POUNDS PER CUBIC FOOT
PCF	PRECAST
PCST	PREFABRICATED
PFAB	POURED IN PLACE
PIP	PLATE
PL	PLASTIC LAMINATE
P.LAM	PLASTER
PLAS	PAINTED
PNT	PRESSURE PRESERVATIVE TREATED
PPT	PAIR
PR	POUNDS PER SQUARE FOOT
PSF	POUNDS PER SQUARE INCH
PSI	POINT
PT	PAINTED
PTD	PARTITION
PTN	POLYVINYL CHLORIDE
PVC	PAVEMENT
PVMT	PLYWOOD
PWD	QUARRY TILE
QT	QUANTITY
QTY	RISER
R	RADIUS
RAD	RUBBER BASE
RBR	REINFORCING BAR
REBAR	REFERENCE/ REFER TO
REF	REINFORCE/REINFORCING
REINF	REQUIRED
REQ	REVISION
REV	ROOM
RM	ROUGH OPENING
RO	RETURN
RTN	RUBBER
RUB	SOUTH
S	SCHEDULE
SCHED	STRUCTURAL CLAY TILE
SCT	SECTION
SEC	STANDARD FIXTURE TYPE
SFT	STANDARD FIXTURE NUMBER
SFN	STAIN GRADE
SG	SHEET
SHT	SIMILAR
SIM	SPECIFICATION
SPEC	SQUARE
SQ	SQUARE FEET
SF	STAINLESS STEEL
SS	STREET
ST	STAGGERED/STAGGER
STAG	SOUND TRANSMISSION CLASS
STC	STANDARD
STD	STEEL
STL	STEEL DOOR
STL DR	STEEL FRAME
STL FR	STORAGE
STOR	STRUCTURE/STRUCTURAL
STR	SELF-TAPPING SCREW
STS	SUSPEND/SUSPENDED
SUSP	SYMMETRICAL
SYM	SYSTEM
SYS	TREAD
TR	TERRA COTTA
TC	TOP OF CONCRETE
T/CONC	TOP OF STEEL
T/STL	TOP OF WALL
T/WALL	TOP AND BOTTOM
T&B	TONGUE AND GROOVE
T&G	TELEPHONE
TEL	TEMPERATURE (IF UNLESS NOTED)
TEMP	TEMPERED GLASS
TEMP GL	TEMPORARY FIXTURE
TF	THICK/THICKNESS
THK	TOP OF FINISHED FLOOR
T.O.F.F.	TOP OF SLAB
T.O.S.	TELEVISION
TV	TYPICAL
TYP	TYPICAL OTHER SIDE
TYP O.S.	TERRAZZO
TZ	URINAL
UR	UNDERCUT
UC	UNFINISHED
UNFIN	UNDERGROUND
UNGD	UNLESS OTHERWISE NOTED
U.O.N.	UNDERWRITERS LABORATORIES
UL	UNDER SIDE
US	UTILITIES
UTIL	VOLT
VLT	VEE JOINT
VJ	VALVE BOX
VB	VINYL COVE BASE
VCB	VINYL COMPOSITION TILE
VCT	VERTICAL
VERT	VESTIBULE
VEST	VERIFY IN FIELD
VIF	VOLUME
VOL	VINYL WALL BASE (NOT COVED)
VWB	VINYL WALL COVERING
VWC	WEST
W	WITH
W/	WITHOUT
W/O	WATER CLOSET
WC	WALL COVERING
WCV	WOOD
WD	WIRE GLASS
WGL	WORK LINE
WL	WORKING POINT
WP	WEIGHT
WT	WELDED WIRE FABRIC
WWF	

GENERAL NOTES:

1. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE NEW YORK STATE BUILDING CODE, FIRE DEPARTMENT REGULATIONS, UTILITY COMPANY REQUIREMENTS AND THE BEST TRADE PRACTICES.
2. BEFORE COMMENCING WORK, THE CONTRACTOR SHALL FILE ALL REQUIRED CERTIFICATES OF INSURANCE WITH THE DEPARTMENT OF BUILDINGS, OBTAIN ALL REQUIRED PERMITS, AND PAY ALL FEES REQUIRED BY GOVERNING NEW YORK STATE AGENCIES WHEN APPLICABLE.
3. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD PRIOR TO COMMENCING WORK, AND SHALL REPORT ANY DISCREPANCIES BETWEEN DRAWINGS AND FIELD CONDITIONS TO THE APPLICANT OR HIS REPRESENTATIVE IMMEDIATELY.
4. THE CONTRACTOR IS NOT TO SCALE DRAWINGS OR DETAILS. ONLY WRITTEN DIMENSIONS ARE TO BE USED.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL CONDITIONS AND MATERIALS WITHIN THE PROPOSED CONSTRUCTION AREA. THE CONTRACTOR SHALL DESIGN AND INSTALL ADEQUATE SHORING AND BRACING FOR ALL STRUCTURAL OR REMOVAL TASKS. THE CONTRACTOR SHALL HAVE SOLE RESPONSIBILITY FOR ANY DAMAGE OR INJURIES CAUSED BY OR DURING THE EXECUTION OF THE WORK.
6. THE CONTRACTOR SHALL LAY OUT HIS OWN WORK, AND SHALL PROVIDE ALL DIMENSIONS REQUIRED FOR OTHER TRADES (PLUMBING, ELECTRICAL, ETC.).
7. PLUMBING AND ELECTRICAL WORK SHALL BE PERFORMED BY PERSONS LICENSED IN THEIR TRADES, WHO SHALL ARRANGE FOR AND OBTAIN INSPECTIONS AND REQUIRED SIGN-OFFS.
8. THE CONTRACTOR SHALL DO ALL CUTTING, PATCHING, REPAIRING AS REQUIRED TO COMPLETE ALL OF THE WORK INDICATED ON THE DRAWINGS, AND ALL OTHER WORK THAT MAY BE REQUIRED TO COMPLETE THE JOB.
9. ALL MATERIALS, ASSEMBLIES, FORMS AND METHODS OF CONSTRUCTION AND SERVICE EQUIPMENT SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 104 FROM THE NYS BUILDING CODE.
10. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND SAMPLES ON ALL ITEMS SPECIFIED ON THE CONTRACT DOCUMENTS TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO PURCHASING AND INSTALLATION.
11. ALL DEBRIS ON THE PROPERTY DUE TO THE CONSTRUCTION SHALL BE REMOVED.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR ARRANGING AND PAYING FOR ALL CONTROLLED INSPECTIONS REQUIRED BY LAW, AND FOR ARRANGING ALL CONSTRUCTION, PLUMBING, ELECTRICAL, OR OTHER INSPECTIONS RELATED TO THE PROPOSED WORK. A PROPOSED SCHEDULE OF THESE INSPECTIONS SHALL BE INCLUDED IN THE PROPOSED WORK SCHEDULE. CONTRACTOR SHALL PROVIDE INSPECTION SIGN-OFF'S TO OWNER AND ARCHITECT.
13. CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS, ALSO HE SHALL NOTIFY THE ARCHITECT OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN ON THESE DRAWINGS PRIOR TO THE START OF WORK. WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS.
14. DIMENSIONS SHOWN ON FLOOR PLANS, SECTIONS, ELEVATIONS, AND DETAILS ARE TO FINISH FACE OF WALLS OR CENTER LINE OF COLUMNS TYPICALLY, UNLESS OTHERWISE NOTED.
15. ABBREVIATIONS THROUGHOUT THE PLANS ARE THOSE IN COMMON USE. NOTIFY THE ARCHITECT OF ANY ABBREVIATIONS IN QUESTION.
16. CIVIL, ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS ARE COMPLEMENTARY. ANYTHING SHOWN ON ARCHITECTURAL DRAWINGS AND NOT SHOWN ON CIVIL, STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS, OR SHOWN ON CIVIL, STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS AND NOT SHOWN ON ARCHITECTURAL DRAWINGS SHALL BE INTERPRETTED AS BEING SHOWN ON ALL FIVE.
17. FINISH FLOOR ELEVATIONS ARE AS ESTABLISHED DATUM LINE, UNLESS OTHERWISE NOTED. THE CONTRACTOR WILL BE RESPONSIBLE FOR VERIFYING FLOOR-TO-FLOOR ELEVATIONS.
18. IN THE CASE OF A CONFLICT BETWEEN THE DRAWINGS AND THE SPECIFICATIONS, SPECIFICATIONS SHALL TAKE PRECEDENCE. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER OF ANY CONFLICT BEFORE PROCEEDING WITH THE WORK.
19. CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS AND EQUIPMENT AS REQUIRED TO PROPERLY AND FULLY COMPLETE THE WORK AS INDICATED BY THE DRAWINGS AND SPECIFICATIONS.
20. CONTRACTOR SHALL REMOVE, CUT, PATCH AND REFRAME WALLS, PARTITIONS, FLOORS, FRAMES, DOORS, MOLDINGS, PIPE FIXTURES AND CONDUIT AS REQUIRED TO PROPERLY EXECUTE THE WORK.
21. CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKS, COLLAPSE, DISTORTIONS, AND OFF-ALIGNMENT ACCORDING TO APPLICABLE STANDARD CODES (INCLUDING CHAPTER 33 OF THE NYS BUILDING CODE) AND GOOD PRACTICE.
22. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE VARIOUS TRADE ITEMS WITHIN THE SPACE ABOVE ALL CEILINGS (INCLUDING, BUT NOT LIMITED TO: STRUCTURAL MEMBERS, MECHANICAL DUCTS AND INSTALLATION, CONDUITS, RACEWAYS, SPRINKLER SYSTEM, LIGHT FIXTURES, CEILING SYSTEMS, AND ANY SPECIAL STRUCTURAL SUPPORTS REQUIRED) AND SHALL BE RESPONSIBLE FOR MAINTAINING THE FINISH CEILING HEIGHT ABOVE THE FINISH FLOOR INDICATED IN THE DRAWINGS AND THE FINISH SCHEDULE. (CEILING HEIGHT DIMENSIONS ARE TO THE FINISH SURFACE OF CEILING.)
23. CONTRACTOR SHALL PROVIDE AND INSTALL ACCESS PANELS WHERE SHOWN ON THE REFLECTED CEILING PLANS AND AS REQUIRED BY BUILDING CODE OR NORMAL GOOD PRACTICE TO PROVIDE ACCESS TO ALL MECHANICAL OR ELECTRICAL EQUIPMENT. NO ACCESS PANEL SHALL BE LOCATED, FRAMED, OR INSTALLED WITHOUT THE EXPRESSED APPROVAL OF THE ARCHITECT.
24. THE CONTRACTOR SHALL PROTECT ALL FINISH WORK SURFACES FROM DAMAGE DURING THE COURSE OF CONSTRUCTION AND SHALL REPLACE AND/OR REPAIR ALL DAMAGED SURFACES CAUSED BY CONTRACTOR OR SUBCONTRACTOR PERSONNEL TO THE SATISFACTION OF THE OWNER AND ARCHITECT.
25. CONTRACTOR SHALL PROPERLY PROTECT AND MAKE SAFE ADJACENT PROPERTY AS JOB CONDITIONS REQUIRE. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO ISOLATE ALL WORK AREAS AND CLEARLY DEFINE PATHS OF ACCESS TO THE WORK FOR WORKMEN IN ORDER TO INSURE MINIMIZATION OF DUST INFILTRATION TO OTHER AREAS OF THE BUILDING AND TO PREVENT DAMAGE TO FLOORS, WALLS AND CEILINGS OF PUBLIC AND/OR FREIGHT ACCESS AREAS. IF SUCH DAMAGE SHOULD OCCUR, CONTRACTOR SHALL CORRECT IT IMMEDIATELY AT HIS OWN COST.
26. ALL PRECAUTIONS ARE TO BE TAKEN TO PREVENT DIRT AND DUST FROM PERMEATING OTHER PARTS OF THE BUILDING DURING THE PROGRESS OF THE WORK. MATERIALS AND RUBBISH SHALL BE PLACED IN BARRELS OR BAGS BEFORE BEING TAKEN OUT OF THE IMMEDIATE AREA OF CONSTRUCTION. ALL SUCH BARRELS, BAGS, RUBBISH, RUBBLE, DISCARDED EQUIPMENT, EMPTY PACKING CARTONS AND OTHER MATERIALS WILL BE TAKEN OUT OF THE BUILDING AND PROPERLY REMOVED FROM THE PREMISES AS PART OF THE WORK UNDER THIS CONTRACT.
27. SPECIAL NOTICE TO CONTRACTORS: ALL CONTRACTORS PERFORMING WORKON THE PREMISES SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING A REASONABLE AND PRUDENT SAFETY PROGRAM INCLUDING BUT NOT LIMITED TO THE ISOLATION OF WORK AREAS AND THE PROMPT REMOVAL OF ANY DEBRIS OR TOOLS WHICH MIGHT ENDANGER VISITORS AND STAFF OF THE OWNER OR ARCHITECT.
28. IF THE CONTRACTOR ASCERTAINS AT ANY TIME THAT REQUIREMENTS OF THIS CONTRACT CONFLICT WITH, OR ARE IN VIOLATION OF, APPLICABLE LAWS, CODES, REGULATIONS AND ORDINANCES, HE SHALL NOT PROCEED WITH WORK IN QUESTION, EXCEPT AT HIS OWN RISK, UNTIL ARCHITECT HAS BEEN NOTIFIED IN WRITING AND WRITTEN DETERMINATION IS MADE BY THE ARCHITECT. WHERE COMPLETED OR PARTIALLY COMPLETED WORK IS DISCOVERED TO BE IN VIOLATION WITH APPLICABLE LAWS, CODES, REGULATIONS AND ORDINANCES, CONTRACTOR SHALL BE REQUIRED TO REMOVE THAT WORK FROM THE PROJECT AND REPLACE SUCH WORK WITH ALL NEW COMPLYING WORK AT NO ADDITIONAL COST TO THE OWNER OR ARCHITECT.
29. ANY WORK INSTALLED IN CONFLICT WITH THE CONTRACT DOCUMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT HIS EXPENSE AND AT NO ADDITIONAL EXPENSE TO THE OWNER, ARCHITECT, OR CONSULTANTS.
30. CONTRACTOR SHALL COORDINATE ALL AREAS OF WORK WITH ALL SUBCONTRACTORS AND OTHER TRADES INVOLVED WITH THE PROJECT.
31. COORDINATE SPACE REQUIREMENTS AND INSTALLATION OF MECHANICAL AND ELECTRICAL WORK INDICATED ON DRAWINGS. VERIFY LOCATION AND REQUIRED OPENING SIZES FOR MECHANICAL EQUIPMENT, LOCATION AND SIZES OF EQUIPMENT FOR PADS AND BASES AND REQUIREMENT, AND LOCATION OF POWER AND WATER OR DRAIN INSTALLATION WITH EQUIPMENT MANUFACTURERS BEFORE PROCEEDING WITH THE WORK.
31. COMPLY WITH INSTALLATION REQUIREMENTS OF MANUFACTURER'S INSTRUCTIONS AND APPROVED SHOP DRAWINGS.
32. CONTRACTOR SHALL ANALYZE ELECTRICAL REQUIREMENTS OF EQUIPMENT TO BE INSTALLED AND ADVISE ARCHITECT OF THE NEED, IF ANY, TO UPGRADE EXISTING POWER SUPPLY PRIOR TO PROCEEDING WITH ELECTRICAL WORK.
33. CONTRACTOR SHALL PROVIDE OWNER WITH ALL MANUALS, MAINTENANCE SCHEDULES, AND OTHER REQUIREMENTS NECESSARY FOR THE MAINTENANCE OF EQUIPMENT INSTALLED AS PART OF THIS CONTRACT. ALL MANUFACTURER'S WARRANTIES SHALL BE TRANSFERRED TO OWNER UPON COMPLETION OF WORK.
34. CONTRACTOR SHALL IDENTIFY ALL NEW EXPOSED PIPES, VALVES, AND CONDUIT WITH STAMPED METAL TAGS AND SHALL LABEL ELECTRIC PANEL BOXES WITH CIRCUIT DESIGNATIONS UPON COMPLETION OF WORK.
35. CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP IN THIS CONTRACT FOR A PERIOD OF ONE YEAR FOLLOWING ARCHITECT'S CERTIFICATION OF SUBSTANTIAL COMPLETION, AND SHALL REMEDY ANY DEFECTS IN SUCH WORK THAT ARISES DURING THAT TIME AT NO COST TO THE OWNER.
36. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES BELOW GRADE AND RELATED SERVICE CONNECTIONS WITH THE RESPECTIVE UTILITY COMPANIES.
37. THE CONTRACTOR SHALL COORDINATE THE REMOVAL, ABANDONMENT, AND/OR RELOCATION OF EXISTING UTILITIES ABOVE OR BELOW GRADE WITH THE RESPECTIVE UTILITY COMPANIES.
38. TEMPORARY FACILITIES:
A) THE CONTRACTOR SHALL PROVIDE A STAGING AND MATERIAL STORAGE AREA ADJACENT TO THE AREA OF CONSTRUCTION. LOCATION SHALL BE COORDINATED WITH THE OWNER.
B) THE CONTRACTOR SHALL MAKE NECESSARY CONNECTIONS TO EXISTING UTILITIES FOR TEMPORARY POWER AND WATER SUPPLIES, AND SHALL COORDINATE SUCH USE WITH THE OWNER PRIOR TO CONNECTION.
C) THE CONTRACTOR SHALL PROVIDE TEMPORARY BARRICADES TO SEPARATE CONSTRUCTION AREAS FOR PUBLIC SAFETY AROUND ENTIRE PERIMETER OF CONSTRUCTION AREA.
41. FIRE-RATED PARTITION WALLS AND FIRE-RATED OCCUPANCY SEPARATION WALLS SHALL EXTEND FROM CONCRETE FLOOR SLABS TO UNDERSIDE OF STRUCTURE ABOVE. ALL OPENINGS SHALL BE PROTECTED IN ACCORDENCE WITH BUILDING CODE.
42. ALL PENETRATIONS THRU FIRE-RATED WALLS AND CEILINGS SHALL BE INSTALLED WITH FIRE DAMPERS, FIRE SEAL, ETC., SO AS TO MAINTAIN THE FIRE RESISTIVE RATING AND STRUCTURAL INTEGRITY OF WALL OR CEILING ASSEMBLY.
43. FINAL CLEAN UP AND DISPOSAL:
REMOVE DEBRIS, RUBBISH AND WASTE MATERIAL FROM THE OWNER'S PROPERTY TO A LAWFUL DISPOSAL AREA AND PAY ALL HAULING AND DUMPING COSTS. CONFORM TO PERTAINING FEDERAL STATE AND LOCAL LAWS, REGULATIONS AND ORDERS UPON COMPLETION OF WORK, ALL CONSTRUCTION AREAS SHALL BE LEFT VACUUM-CLEAN AND FREE FROM DEBRIS. CLEAN ALL DUST, DIRT, STAINS, HAND MARKS, PAINT SPOTS, DROPPINGS, AND OTHER BLEMISHES.
44. PROVIDE CONC. LINTELS ABOVE ALL MASONRY OPENINGS (TYPICAL). SEE STRUCTURAL DRAWINGS FOR LINTEL SCHEDULE.
45. PROVIDE CONC. LINTELS ABOVE ALL MECHANICAL OPENINGS IN MASONRY WALLS (TYP).
46. COORDINATE SIZE & LOCATION OF ALL HVAC OPENINGS IN SLAB WITH MECHANICAL DRAWINGS & CONC. PLANK CONTRACTOR. ALL VERTICAL SHAFT WALLS ENCLOSING HVAC DUCTS W/ 24 SQ. IN. OR LESS OF TOTAL AREA SHALL BE 1-HR RATED. ALL VERTICAL SHAFT WALLS ENCLOSING HVAC DUCTS W/ MORE THAN 24 SQ. IN. TOTAL AREA SHALL BE 2-HR RATED (TYP).
48. FOR SIZE & LOCATION OF ALL REQUIRED CONCRETE PADS FOR MECHANICAL EQUIPMENT, SEE MECHANICAL & PLUMBING DRAWINGS.
49. IF A SPRINKLER LINE IS EXPOSED IN A LIVING AREA, ENCLOSE IN A GYP. BD. SOFFIT-SEE SPRINKLER DWGS. AND DET. ?, DWG. A-?.
50. ALL STEEL COLUMNS & BEAMS SHALL BE FIRE PROTECTED W/ SPRAY-ON FIREPROOFING (2 HOUR RATED).
51. ALL EXTERIOR WALLS, INCLUDING ROOF BULKHEADS SHALL BE 2 HR RATED.
52. ALL INTERIOR BEARING WALLS, HOIST WAY, SHAFTS, VERTICAL EXITS AND EXIT PASSAGE WAYS SHALL BE 2 HOUR RATED.
53. PROVIDE NON-COMBUSTIBLE FIRE STOPPING AT THE PERIMETER OF ALL PENETRATIONS THROUGH RATED WALLS, FLOORS, ROOF AND CEILINGS.
54. ALL EXTERIOR CONCRETE BLOCK WALLS ADJACENT TO EXISTING BUILDINGS SHALL HAVE A DRI-BLOCK ADDITIVE (INCLUDING MORTAR) "ACME SHIELD".

GRAPHIC SYMBOLS:



DRAWING LIST:

COVER SHEET:

1. T-001.00 GENERAL NOTES, DRAWINGS LIST
EXISTING CONDITIONS FL. PLAN & PLOT PLAN

DEMOLITION:

2. D-100.00 DEMOLITION PARTIAL CELLAR FLOOR PLAN &
DEMOLITION REFLECTED CEILING PARTIAL CELLAR FLOOR PLAN

ARCHITECTURAL:

3. A-100.00 PROPOSED CONSTRUCTION & EQUIPMENT PARTIAL CELLAR PLAN, NOTES & CUT SHEETS
4. A-101.00 PROPOSED REFLECTED CEILING PARTIAL CELLAR PLAN, NOTES & DETAILS
5. A-102.00 PROPOSED FINISH PARTIAL CELLAR PLAN, PROPOSED ELEVATIONS & NOTES
6. A-103.00 PARTITION TYPES, DOOR SCHEDULE, NOTES & DETAILS

ADA GENERAL NOTES:

7. G-001.00 ADA NOTES & DIAGRAMS

APPLICANT:

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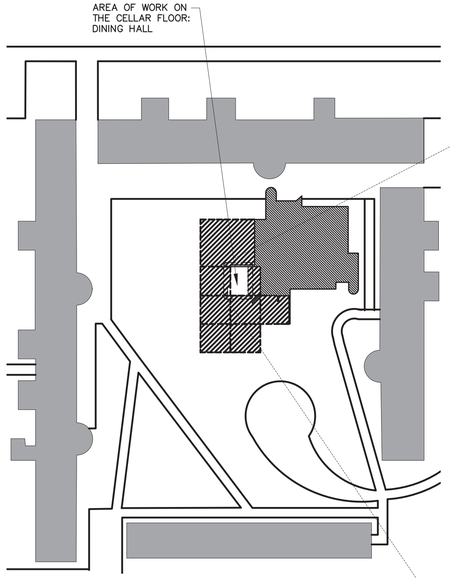
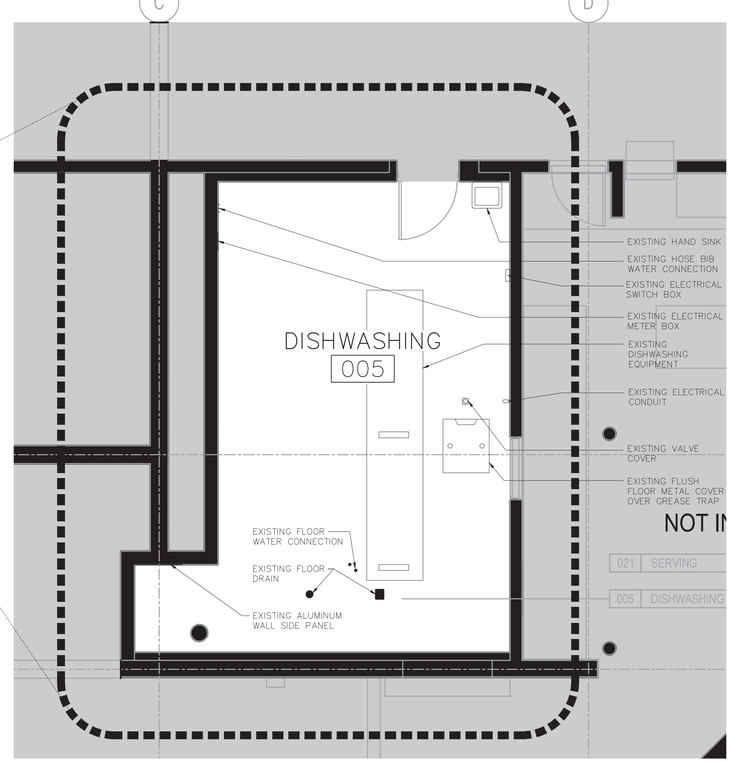
abolanos@dm-engineers.com

SCOPE OF WORK:

PROJECT No. SU-021624A FOR THE RENOVATION WORK OF THE DISHWASHER ROOM AT THE DINING HALL ON THE CELLAR FLOOR



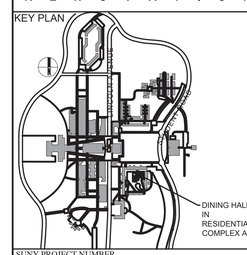
PLOT PLAN



1 / T-001 PARTIAL CELLAR FLOOR – EXISTING CONDITIONS
SCALE: 1/4" = 1'-0"

PURCHASE COLLEGE
STATE UNIVERSITY OF NEW YORK
RESIDENTIAL COMPLEX A
DISWASHING ROOM RENOVATION

KEY PLAN



SUNY PROJECT NUMBER
SU-021624A

APPROVAL STAMP

ISSUED FOR BID

No.	Revision	Date

PROJECT:
RESIDENTIAL COMPLEX A
DISWASHING ROOM
RENOVATION
Cellar Floor

ENGINEER:
DM ENGINEERS
INNOVATIVE IDEAS - GREEN SOLUTIONS
45-08 40TH ST., UNIT 1A - OFFICE
SUNNYSIDE, NY, 11104
WWW.DM-ENGINEERS.COM

DRAWING TITLE
GENERAL NOTES,
DRAWINGS LIST, EXISTING
CONDITIONS FL. PLAN & PLOT PLAN

JOB LOCATION:
735 Anderson Hill Road
Purchase, NY 10577

JOB TYPE:	ALTERATION
REVIEWED BY:	MMB, PE
DATE:	2/2/2026
DRAWN BY:	AFB
SHEET NO:	01 OF 07

REGISTERED ARCHITECT ALVARO F. BOLANOS 040886 STATE OF NEW YORK

T-001.00

* TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 NEW YORK STATE ENERGY CONSERVATION CODE. *

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DEMOLITION NOTES:

1. ALL DIMENSIONS AND CONFIGURATIONS OF EXISTING ELEMENTS SHALL BE VERIFIED IN FIELD.
2. REMOVE ALL EXISTING FLOORING, FINISHES AND CEILING SYSTEM.
3. REFER TO MECHANICAL, ELECTRICAL & PLUMBING DRAWINGS FOR EXTENT OF RELATED DEMOLITION.
4. REFER TO HAZARDOUS BUILDING MATERIALS NARRATIVE AND DRAWINGS FOR SCOPE OF ABATEMENT. NOTIFY OWNER IF SUSPECTED HAZARDOUS MATERIALS ARE ENCOUNTERED BEYOND THOSE IDENTIFIED IN THE DESIGN DOCUMENTS.

WALL LEGEND:

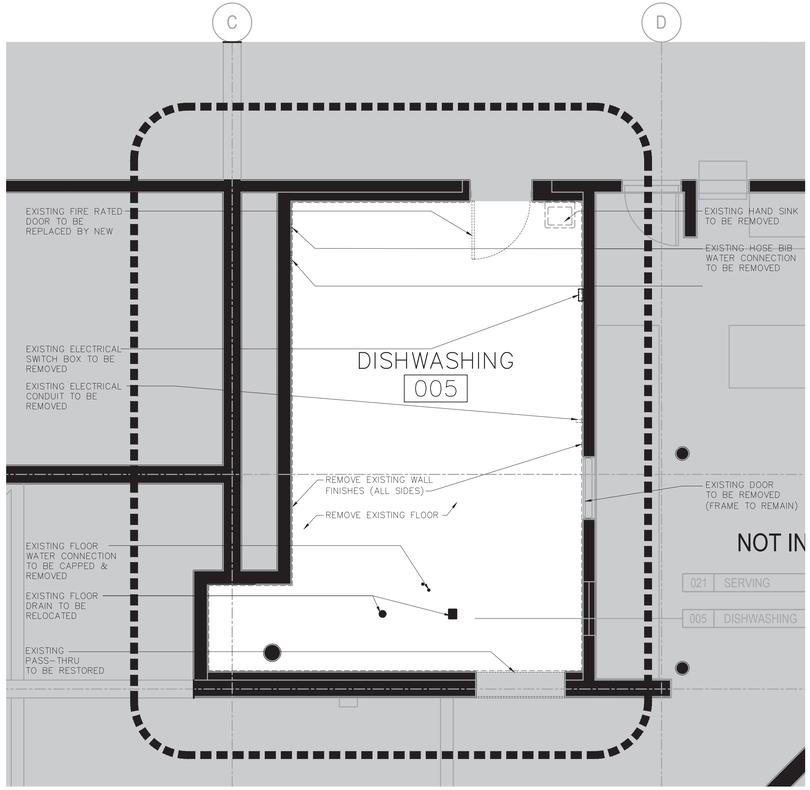
EXISTING WALL TO BE REMOVED

EXISTING WALL TO REMAIN

AREA NOT IN THE SCOPE

GENERAL DEMOLITION NOTES:

1. CONTRACTOR NOTE: BIDDERS, BEFORE SUBMITTING PROPOSALS, SHALL VISIT AND CAREFULLY EXAMINE THE AREA AFFECTED BY THIS WORK TO FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS AND THE DIFFICULTIES THAT WILL ATTEND THE EXECUTION OF THIS WORK. SUBMISSIONS OF A PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT SUCH EXAMINATION HAS BEEN MADE IN AN ATTEMPT TO OBSERVE DIFFICULTIES THAT WOULD BE ENCOUNTERED ONLY IF SUCH AN EXAMINATION HAD BEEN MADE.
2. THE GENERAL CONTRACTOR ASSUME THE RESPONSIBILITY FOR THE MEANS AND METHODS BY WHICH THE DEMOLITION IS PERFORMED. THE CONTRACTOR AND HIS SUBCONTRACTORS SHALL REMOVE AND/OR PERFORM THE ITEMS NOTED AS SUCH ON THIS SHEET IN A PROFESSIONAL MANNER IN ACCORDANCE WITH 'GOOD GENERAL PRACTICES'. SHOULD ANY STRUCTURAL DAMAGE OCCUR WHILE INSTITUTING DEMOLITION PROCEDURES, THE CONTRACTOR IS TO TEMPORARILY STABILIZE THE STRUCTURE TO A 'SAFE' CONDITION AND TO NOTIFY THE APPLICANT OF RECORD OR ENGINEER IMMEDIATELY FOR RECTIFICATION. PROVIDE ALL TEMPORARY SHORING REQUIRED TO INSURE THE STABILITY OF THE BUILDING THROUGHOUT CONSTRUCTION.
3. CONTRACTOR SHALL MEET WITH OWNER TO COORDINATE ALL WORK, SCHEDULING, ETC. AND TO SEE IF ANY EXISTING ITEMS SHALL BE SAVED AND IF NECESSARY REMOVED CAREFULLY AND GIVEN TO OWNER.
4. MAINTAIN ALL EXISTING REQUIRED BUILDING SHAFTS AND FIRE RATED WALLS WITH SAME FIRE RATING AS BEFORE.
5. CONTRACTOR SHALL TAKE ALL PRECAUTIONS DURING DEMOLITION WORK SO AS NOT TO CAUSE ANY DAMAGE TO EXISTING WORK TO REMAIN.
6. BEFORE ANY REMOVAL WORK IS STARTED, ELECTRICAL CONTRACTOR SHALL VERIFY THAT SERVICE HAS BEEN CUT – UTILITY COMPANY NOTIFICATION LETTER MUST BE PROVIDED (IF APPLICABLE).
7. ALL DEMOLISHED MATERIALS AND DEBRIS SHALL BE LEGALLY DISPOSED OF AND REMOVED FROM THE SITE BY THE CONTRACTOR. CONTRACTOR SHALL REMOVE ALL DEBRIS FROM BUILDING AND SITE AT THE END OF EACH DAY. ACCUMULATION OF RUBBISH SHALL NOT BE PERMITTED.
8. AT NO TIME SHOULD THE CONTRACTOR ALLOW THE DEMOLITION WORK OR STORAGE OF DEBRIS TO CAUSE INTERFERENCE WITH ANY REQUIRED MEANS OF EGRESS OR CAUSE A HAZARDOUS CONDITION.
9. MAINTAIN AT ALL TIMES THE EMERGENCY LIGHTING THROUGHOUT THE BUILDING DURING DEMOLITION WORK, AS WELL AS RECONSTRUCTION WORK. PROVIDE ALL NECESSARY TEMPORARY LIGHTING, PARTITIONS AND DUST COVERS.
10. CUT, CAP AND FLUSH ALL ABANDONED STUBS, AND PROVIDE REQUIRED PATCHING. PROVIDE ABANDONED OUTLETS WITH BLANK COVER.
11. PROVIDE BOX AND SPLICE WIRES WHERE IT IS REQUIRED TO MAINTAIN CONTINUITY OF CIRCUITS OR REMOVE WIRING AND SPLICE WIRE AT NEAREST ACTIVE BOX FROM OUTLETS WHICH HAVE BEEN TERMINATED.
12. INCLUDE IN BID ALL DEMOLITION WORK AS REQUIRED TO COMPLETE ALL NEW WORK AS DELINEATED BY ARCHITECTURAL AND ENGINEERING DRAWINGS WHETHER SHOWN ON DRAWINGS OR NOT.
13. IF APPLICABLE, PROVIDE ALL REQUIRED PATCHING OF WALLS, CEILINGS AND FLOORS AS REQUIRED TO ACHIEVE NEW FINISHES SHOWN ON CONSTRUCTION DRAWINGS.
14. PROVIDE TEMPORARY BEARING DURING STRUCTURE REPAIR
15. BEFORE ANY REMOVAL WORK IS STARTED, PLUMBING CONTRACTOR SHALL VERIFY THAT WATER AND GAS SERVICES HAVE BEEN CUT – UTILITY COMPANY NOTIFICATION LETTER MUST BE PROVIDED (IF APPLICABLE).
16. REFER TO MECHANICAL, ELECTRICAL & PLUMBING DRAWINGS FOR EXTENT OF RELATED DEMOLITION
17. REFER TO HAZARDOUS BUILDING MATERIALS NARRATIVE AND DRAWINGS FOR SCOPE OF ABATEMENT. NOTIFY OWNER IF SUSPECTED HAZARDOUS MATERIALS ARE ENCOUNTERED BEYOND THOSE IDENTIFIED IN THE DESIGN DOCUMENTS.
16. ALL DEMOLITION ACTIVITIES MUST FOLLOW THE NYS PROTOCOLS.



1 / D–101 PARTIAL CELLAR FLOOR DEMOLITION PLAN

SCALE: 1/4" = 1'–0"

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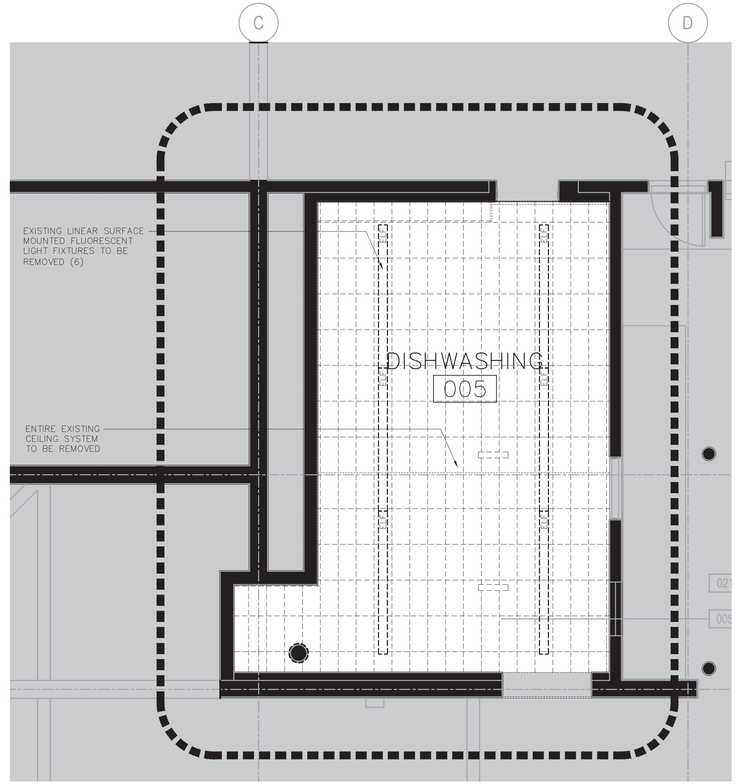


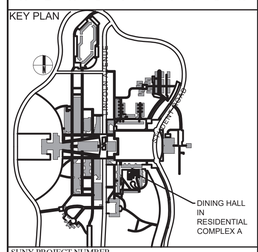
1 / D–102 PARTIAL CELLAR FLOOR DEMOLITION REFLECTED CEILING PLAN

SCALE: 1/4" = 1'–0"

N

PURCHASE COLLEGE
STATE UNIVERSITY OF NEW YORK
RESIDENTIAL COMPLEX A
DISWASHING ROOM RENOVATION

KEY PLAN



SUNY PROJECT NUMBER
SU-021624A

APPROVAL STAMP

ISSUED FOR BID

No.	Revision	Date

PROJECT:

RESIDENTIAL COMPLEX A
DISWASHING ROOM
RENOVATION
Cellar Floor

ENGINEER:
DM ENGINEERS
INNOVATIVE IDEAS - GREEN SOLUTIONS
4508 40TH ST., UNIT 1A - OFFICE
SUNNYSIDE, NY, 11104
WWW.DM-ENGINEERS.COM

DRAWING TITLE

PARTIAL CELLAR FLOOR
DISHWASHING ROOM
DEMOLITION PLANS

JOB LOCATION:

735 Anderson Hill Road
Purchase, NY 10577

JOB TYPE:	ALTERATION
REVIEWED BY:	MMB, PE
DATE:	2/2/2026
DRAWN BY:	AFB
SHEET NO:	02 OF 07

SIGN & SEAL

REGISTERED ARCHITECT ALEJANDRO F BOLANOS 040086 STATE OF NEW YORK

D-100.00

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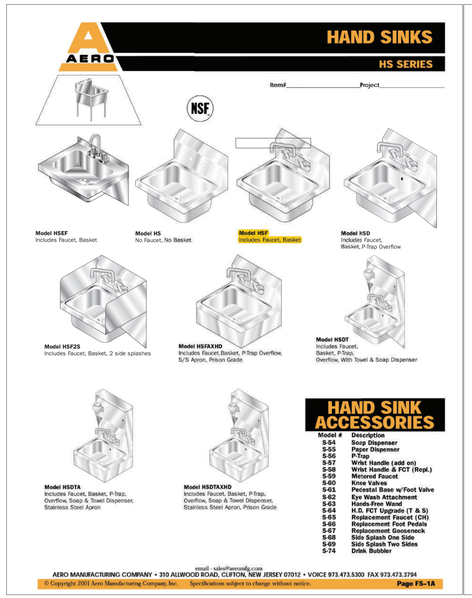
HAND WASH SINK | DISHWASHING MACHINE | POT/PAN WASH SINK | MATTOP BELT | TROUGH COLLECTOR



AERO

HAND SINKS

HS SERIES

Items#_____Project_____

NSF

Model HSEF Includes Faucet, Basket

Model HS No Faucet, No Basket

Model HSF Includes Faucet, Basket

Model HSD Includes Faucet, Basket, P-Trap Overflow

Model HSF2S Includes Faucet, Basket, 2 side splashes

Model HSFAXHD Includes Faucet,Basket, P-Trap Overflow, S/S Apron, Prison Grade

Model HSDT Includes Faucet, Basket, P-Trap, Overflow, Soap & Towel Dispenser

Model HSDTA Includes Faucet, Basket, P-trap, Overflow, Soap & Towel Dispenser, Stainless Steel Apron

Model HSDTAXHD Includes Faucet, Basket, P-trap, Overflow, Soap & Towel Dispenser, Stainless Steel Apron, Prison Grade

HAND SINK ACCESSORIES

Model #	Description
S-54	**Soap Dispenser**
S-55	**Paper Dispenser**
S-56	**P-Trap**
S-57	**Wrist Handle (add on)**
S-58	**Wrist Handle & FCT (Repl.)**
S-59	**Metered Faucet**
S-60	**Knee Valves**
S-61	**Pedestal Base w/Foot Valve**
S-62	**Eye Wash Attachment**
S-63	**Hands-Free Wand**
S-64	**H.D. FCT Upgrade (T & S)**
S-65	**Replacement Faucet (CH)**
S-66	**Replacement Foot Pedals**
S-67	**Replacement Gooseneck**
S-68	**Side Splash One Side**
S-69	**Side Splash Two Sides**
S-74	**Drink Bubbler**

email : sales@aerosmfg.com

AERO MANUFACTURING COMPANY • 310 ALLWOOD ROAD, CLIFTON, NEW JERSEY 07012 • VOICE 973.473.5300 FAX 973.473.3794

Champion®
The Dishwashing Machine Specialists

Project _____
Item No. _____
Quantity _____

STANDARD FEATURES

- 7" Advanced Touchscreen Control System NEW
- Onboard Service Diagnostics with active user guidance
- Automated Deline Function
- Automated Preventive Maintenance System
- Stainless steel automatic drains
- Factory Authorized Startup
- ENERGY STAR® Certified
- Exclusive Dual Rinse Technology
- All-purpose 24" wide peg belt
- Dish capacities up to 12,436 dishes per hour (NSF Listed)
- Integrated maintenance notification schedule
- Automatic tank fill
- Chemical dispensing connection provisions
- Choice of tank heat: electric, steam coils or direct steam injectors
- Stainless steel booster heater
- Common hot water connection
- Common drain connection
- Common electrical connection (separate connection required for optional electric booster and electric blower-dryer)
- Single-point condensate connection (steam heated machines, except for blower-dryer)
- One piece stainless steel wash/rinse manifolds, easy removal
- Door safety switch
- Electric eye energy sentinel (idle pump shutoff)
- Heavy gauge stainless steel construction
- Low water tank heat protection
- Pushbutton start/stop station – load end
- Recirculating flushing nozzles – load end with prewash
- Conveyor shutoff shelf – unload enc
- Stainless steel enclosure panels – front and ends
- Vent fan control connection provision
- Hinged insulated access doors
- Tank heat circuit breakers (electric heated machines)

PRO FLIGHT SERIES

Upright 24" Conveyor

DUAL RINSE DISHWASHING MACHINE

Slim Line — COMPACT DESIGN REDUCED ENERGY CONSUMPTION

Rendered image is for general visual representation only. Please refer to specifications for the latest detailed product information.

DUAL RINSE™ feature offers the *lowest water/utility/chemical consumption* as low as 48 GPH usage while circulating as much as 400 gallons of water for *consistently good results*

OPTIONAL WORLD CLASS FEATURES

- **Heat Recovery** – redirects lost condensate to heat using less energy
- DirectLink Connectivity Solution

SPECIFIER STATEMENT

Specified unit will be Champion Model PRO Flight 4, 6 or 8 upright 24" conveyor water saver dishwashing machine.

Features touchscreen controls, automatic deline, automatic tank fill, automated preventive maintenance, chemical dispensing connection provisions, common water, drain and electrical connections, door safety switch, low water tank heat protection, and rinse saver.

1 year parts and labor warranty.

NSF c UL us

PRO Series flight-type WAREWASHERS

Champion Industries, Inc.
3765 Champion Blvd. Winston-Salem, NC 27105
Tel. (800) 332-8991 Fax: (336) 661-1979
www.championindustries.com

(1M) 6/24 Printed in U.S.A.

bi·line Conveyor Systems

Project _____
Item No. _____
Quantity _____

Vortex Wash System

Photo is for general visual representation only. Please refer to specifications for the latest detailed product information.

STANDARD FEATURES

- Factory authorized startup
- Type 304 polished stainless steel construction
- 14 gauge stainless tanks and drain boards
- 9-1/2" high x 2-1/2" deep back splash
- Twist handle drains
- Stainless steel legs and cross rails
- Stainless steel adjustable bullet feet
- Stainless steel pump and impeller
- Rear discharge
- Removable strainer plates
- One 3 Hp fully enclosed wash pump motor with permanently sealed bearings
- Motor overload protection, manual reset
- Low water protection for wash pump motor
- 5,000 watt wash tank heater
- 1 year parts and labor on pumps and control panel

OPTIONS & ACCESSORIES

- ☐ 480/60/3 electrical
- ☐ Utensil basket
- ☐ Folding wash tank cover
- ☐ Rinse tank cover
- ☐ Sanitize tank cover
- ☐ Sheet pan racking system
- ☐ Pot and pan overhead shelf with hooks
- ☐ Table mounted over shelf
- ☐ 1/2" pre-rinse sprayer
- ☐ 3/4" fill faucet
- ☐ Direction from soiled to clean end (select one)
  - ☐ Left to right
  - ☐ Right to left

SPECIFIER STATEMENT

NSF Specified unit will be Bi-Line Vortex Wash System. Features (1) 3 Hp wash pump motor, taskmaster control system, stainless steel pump and impeller.

Bi-Line • 3765 Champion Blvd., Winston-Salem, NC 27105
Tel: 336/661-1556 Fax: 336/661-1979

26/74 N. Service Rd., Jordan Station, Ontario, Canada L0R 1S0
Tel: 800/263-5798 Fax: 905/562-4618

www.bilineconveyors.com

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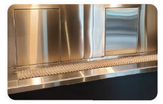
Champion INTEGRATED SYSTEMS

bi·line SYSTEMS

Project _____
Item No. _____
Quantity _____

Mattop Belt - MT Series

MT12 – Single 12" Belt
MT18 – Single 18" Belt



UL NSF

STANDARD FEATURES

- Manufactured In US
- ***Tray and tray-less application***
- Suitable for curve layout applications
- Belt is fully supported on UHMW belt guides on the tabletop and return side for a smooth belt operation
- All 304 stainless steel construction with a #4 finish
- HP High Performance Belt joined together with a full width pin with high breaking strength and work load capacity
- Modular drive cabinet with integral belt wash and easily accessible external scrap basket
- Stainless steel sloped drip pans with flushing nozzles for a clean ability. Auto timer option available for drip pan flushing nozzles
- Adjustable speed control in NEMA 4 control cabinet with programmable AC inverter
- Unit supported on 1-5/8" diameter 16 gauge wall polished stainless steel tubular legs with fully welded 1-5/8" cross bracing
- 12" and 18" belt width options available
- Smooth operation with low amp draw

MT SERIES BELT DESIGN

Bi-line MT series belt conveyor is designed for tray or trayless application. Smooth operation with 12"or 18" belt width options for cafeteria drop-off and busing conveyor applications. Our MT series slat belt is joined together with heavy duty full width pin with high breaking strength and workload capacity.

SPECIFIER STATEMENT

Specified Unit will be Bi-line Model MT Mattop belt conveyor. HP High performance belt material with each slat joined together by heavy duty full width pin with a high breaking strength and work load capacity. Belt to be fully supported on UHMW guides along the entire length at table top and return. Sloped belt return drip pan with flushing nozzles. Modular drive cabinet with integral belt-wash and easily accessible external scrap basket.

www.bilinesystems.com
info@bilinesystems.com
Rev. 7/24 Printed in U.S.A.

3765 Champion Blvd, Winston-Salem, NC 27105
Tel: 336-661-1556 Fax: 336-661-1979

26/74 N. Service Rd., Jordan Station, Ontario, Canada L0R 1S0
Tel: 800-263-5798 Fax: 905-562-4618

Champion INTEGRATED SYSTEMS

SALVAJOR® Trough Collector™

Job: Purchase College SUNY **Item No.:** 3

Model S419

HYDROLOGIC WATER & ENERGY SAVING TECHNOLOGY

A Trough Conveying and Food Waste Collecting System

Widely accepted in areas that restrict the use of food waste disposers.

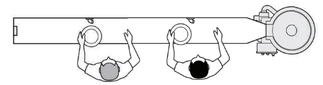
Recirculated Water used by the system for scrapping reduces water and sewer costs. The Trough Collector consumes only 2 gallons of fresh water per minute.

Trough Water Volume with the Trough Collector is 70 gallons per minute. This volume swiftly propels food waste down the trough and into the Collector with no additional hand movement, leaving both hands free for high-volume scrapping. The Trough Collector will let you keep up with large conveyor or flight dishmachines.

Design Flexibility is offered by the Collector as troughs can turn corners. The Collector's high water volume allows the design of wider, longer troughs allowing you to soak problem dishes or add gusher heads to pre-rinse compartmental trays.

HydroLogic Water Saving Control has an adjustable timer with user friendly LCD readout.

Typical trough layout



Typical trough layout is 12" wide and 10' in length with up to 2 optional gusherheads spaced 3' - 4' apart to accommodate 2 operators.

CONSTRUCTION NOTES:

1. GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS AND CONDITIONS OF EXISTING ELEMENTS IN FIELD. NOTIFY ARCHITECT OF DISCREPANCIES THAT AFFECT REQUIRED CLEARANCES OR DESIGN INTENT.
2. SEE A–102 FOR TYPICAL INTERIOR ELEVATIONS.
3. SEE A–103 FOR PARTITION TYPES DETAILS.
4. NOTIFY ARCHITECT OF ANY DISCREPANCIES. HIGHER RATING SHALL PREVAIL.
5. ALL DIMENSIONS ARE TO FACE OF FINISH, U.N.O.
6. FLOOR ELEVATIONS ARE TOP OF SLAB.
7. SEE A–102 SERIES FOR FINISH FLOORING PLANS.

FIRE RESISTANT PENETRATION NOTES

DESCRIPTION OF WORK

1. PROVIDE FIRESTOPPING AT ALL PENETRATIONS AND JUNCTURE JOINTS OF FIRE–RATED WALLS, FLOORS AND CEILINGS IN ACCORDANCE WITH THE REQUIREMENTS OF THE NEW YORK STATE BUILDING CODE.
2. FIRESTOPPING AND SMOKE SEALS SHALL BE PROVIDED, BUT NOT LIMITED TO THE FOLLOWING SPECIFIC LOCATIONS:
   - PENETRATIONS FOR THE PASSAGE OF DUCT, CABLE, CABLE TRAY, CONDUIT, PIPING AND ELECTRICAL BUSWAYS AND RACEWAYS THROUGH FIRE–RATED VERTICAL BARRIERS (WALLS AND PARTITIONS), HORIZONTAL BARRIERS (FLOOR SLBS AND FLOOR/CEILING ASSEMBLIES), AND VERTICAL SERVICE SHAFTS.
   - OPENINGS BETWEEN FLOOR SLABS AND CURTAIN WALLS AND FIRE–RATED WALLS AND CURTAIN WALLS.
   - OPENING BETWEEN STRUCTURALLY SEPARATE SECTIONS OF WALLS OR FLOORS.
   - CONSTRUCTION JOINTS BETWEEN THE TOP OF WALLS AND FLOOR OR ROOF SLAB AND STEEL DECK ASSEMBLIES, OR, CONCRETE OR ROOF SLAB.
   - VERTICAL SERVICE SHAFTS AT EACH FLOOR LEVEL.
   - EXPANSION JOINTS IN WALLS AND FLOORS.
   - OPENING AND PENETRATIONS IN FIRE–RATED PARTITIONS OR WALLS CONTAINING FIRE DOORS.
   - LOCATIONS SHOWN SPECIFICALLY ON THE DRAWINGS.

TECHNICAL REQUIREMENTS

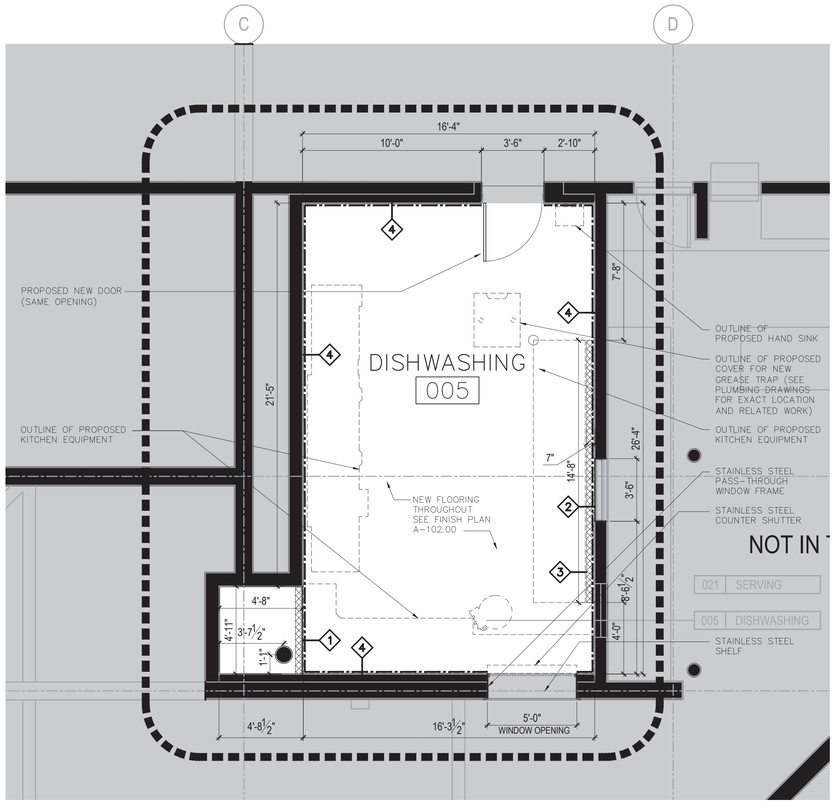
1. FIRESTOPPING MATERIALS SHALL BE UL CLASSIFIED AS "FILL, VOID OR CAVITY MATERIAL" FOR USE IN THROUGH–PENETRATION FIRESTOP SYSTEMS.
2. FIRESTOP SYSTEMS SHALL PROVIDE A RESISTANCE RATING AT LEAST EQUAL TO THE HOURLY RESISTANCE RATING OF THE FIRE–RATED BARRIER AND RESIST PASSAGE OF SMOKE AND OTHER GASES.

GENERAL CONSIDERATIONS

1. FIRESTOP SYSTEMS DO NOT RE–ESTABLISH THE STRUCTURAL INTEGRITY OF LOAD–BEARING PARTITIONS. THE CONTRACTOR SHALL CONSULT THE PROJECT MANAGER PRIOR TO PENETRATING ANY LOAD BEARING ASSEMBLY.
2. FIRESTOP SYSTEMS ARE NOT INTENDED TO SUPPORT LIVE LOADS OR TRAFFIC. CONTRACTOR SHALL CONSULT THE PROJECT MANAGER IF THERE IS REASON TO BELIEVE THESE MAY BE VIOLATED.

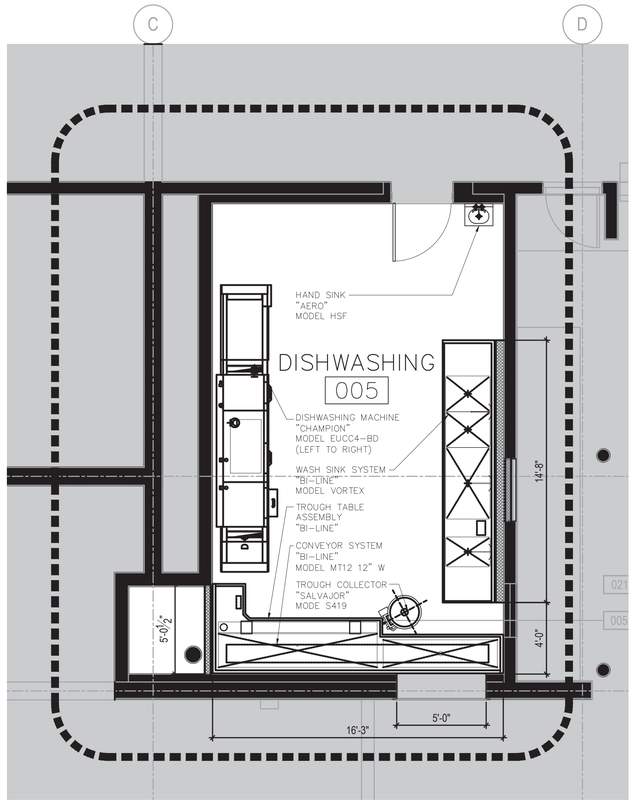
LEGEND:

- PROPOSED DOOR (SEE DOOR SCHEDULE)
- 01 PROPOSED PARTITION (SEE PARTITION TYPES)
- EXISTING WALL TO REMAIN
- EXISTING WALL SURFACE TO BE STRIP, CLEAN. APPLY CERAMIC TILE
- AREA NOT IN THE SCOPE



1 A–100 PARTIAL CELLAR FLOOR CONSTRUCTION PLAN

SCALE: 1/4" = 1'–0"



2 A–100 PARTIAL CELLAR FLOOR EQUIPMENT PLAN

SCALE: 1/4" = 1'–0"

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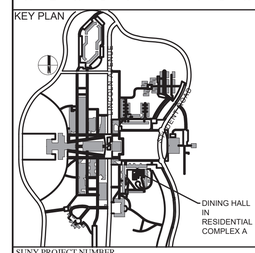
PURCHASE COLLEGE
STATE UNIVERSITY OF NEW YORK
RESIDENTIAL COMPLEX A
DISWASHING ROOM RENOVATION

KEY PLAN



SUNY PROJECT NUMBER
SU-021624A

APPROVAL STAMP

ISSUED FOR BID

No.	Revision	Date

PROJECT:

RESIDENTIAL COMPLEX A
DISWASHING ROOM
RENOVATION
Cellar Floor

ENGINEER:

DM ENGINEERS
INNOVATIVE IDEAS - GREEN SOLUTIONS
45-08 40TH ST., UNIT 1A - OFFICE
SUNNYSIDE, NY, 11104
WWW.DM-ENGINEERS.COM

DRAWING TITLE

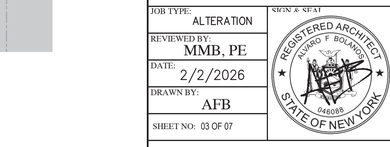
PARTIAL CELLAR FLOOR
DISHWASHING ROOM
CONSTRUCTION/EQUIPMENT PLAN

JOB LOCATION:

735 Anderson Hill Road
Purchase, NY 10577

JOB TYPE:	ALTERATION
REVIEWED BY:	MMB, PE
DATE:	2/2/2026
DRAWN BY:	AFB
SHEET NO:	03 OF 07

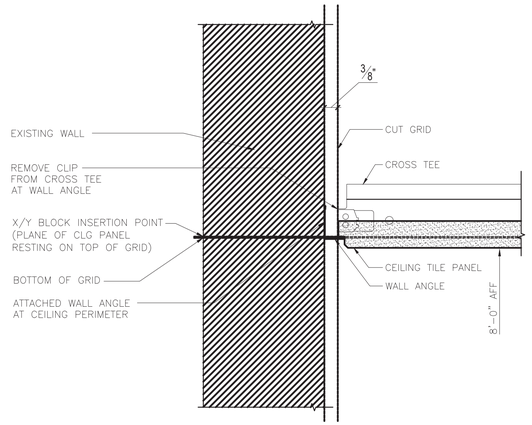
SIGN & SEAL



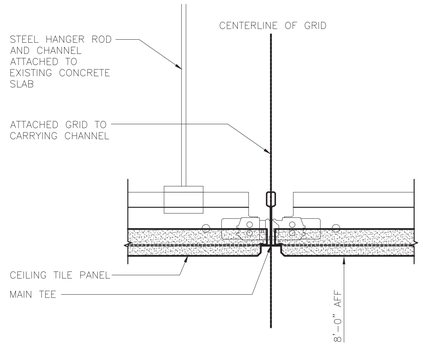
A-100.00

REFLECTED CEILING PLAN NOTES:

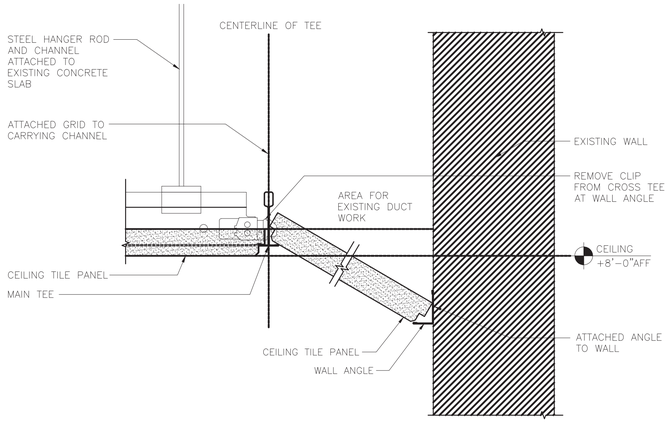
1. SUSPENDED CEILING GRID SHALL BE CENTERED IN ROOM UNLESS INDICATED OTHERWISE.
2. ALL DOWN LIGHTS, REGISTERS, EQUIPMENT, DEVICES, EXIT SIGNAGE ETC SHALL BE INSTALLED CENTERED IN EACH CEILING TILE UNLESS INDICATED OTHERWISE. WHERE GRAPHICALLY INDICATED, DEVICES MAY BE CENTERED ON THE HALF– OR THIRD– TILE POINTS.
3. LOCATION AND ORIENTATION OF LIGHT FIXTURES, DIFFUSERS, SPRINKLERS AND OTHER DEVICES SHALL BE COORDINATED BY THE CONTRACTOR ON THE ENGINEERING DRAWINGS, NOTIFY THE ARCHITECT IF THERE ANY DISCREPANCIES PRIOR TO COMMENCING CONSTRUCTION.
4. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY CLEARANCE PROBLEMS W/ LIGHT FIXTURES AND SHALL NOT MOVE, RELOCATE OR ADJUST THE LOCATION OF ANY LIGHT FIXTURE W /OUT THE ARCHITECTS APPROVAL.
5. SUPPLY AND RETURN AIR DIFFUSERS ARE DIAGRAMMATIC ON ARCHITECTURAL REFLECTED CEILING PLANS. REFER TO MECHANICAL DRAWINGS FOR DIFFUSER SCHEDULE AND SIZES.
6. PROVIDE METAL STUD FRAMING/HEADERS AND CONTINUOUS 2x6 WOOD BLOCKING FOR SUPPORT ABOVE ALL ROLLER SHADE POCKET LOCATIONS.
7. SPRINKLER HEADS ARE NOT TYPICALLY SHOWN. REFER TO FIRE PROTECTION DRAWINGS FOR REQUIREMENTS. CENTER HEADS IN TILES.
8. SUPPORT PENDANT LIGHT FIXTURES FROM STRUCTURE ABOVE, AND PROVIDE ALL APPROPRIATE SUPPORTS, STEMS, FASTENERS, ESCUTCHEONS, ETC, FOR SUBSTRATE CONDITIONS.
9. CEILING MOUNTED WORK SHOWN ON MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, AUDIOVISUAL, SECURITY, AND TEL/DATA DRAWINGS SHALL BE INCORPORATED INTO THE CEILING WHETHER EXPLICITLY SHOWN ON CEILING PLANS OR NOT.



2 A–101 CEILING PANEL WITH WALL ANGLE
SCALE: NOT TO SCALE



3 A–101 GRID SECTION CUT THROUGH MAIN TEE
SCALE: NOT TO SCALE



4 A–101 DROPPED SECTION OF CEILING PANEL
SCALE: NOT TO SCALE

CEILING TILE–1

Rockfon®

Part of the ROCKWOOL Group

Rockfon® Hygienic Plus™

0.90 NRC

Features & Benefits
- High performance tiles are suitable for clean room type environments
- Does not contribute to the growth of MRSA
- Has a low particle emission (ISO Class 5, ISO 14644-1) for better air cleanliness
- The rear side of the panel is covered by a back fleece
- The edges are sealed
- Excellent sound absorption (NRC = 0.90)
- Fire Performance – Class A
- High light reflectance (LR = 0.83)
- Available in square lay in

Applications
- Wet Room/Toilet
- Cafe/Restaurants
- Kitchen/Canteen
- Fitness Center/Locker Room
- Laboratory

Rockfon ceiling tiles are manufactured using advanced stone wool technology. All stone wool tiles benefit from:

High Acoustic Absorption | Fire Performance – Class A | Moisture and Sag Resistance | Smooth, Modern Aesthetics

LIGHT FIXTURE–1

LITHONIA LIGHTING

Catalog Number
Notes
Type

Vapor Tight LED Strip Light

CSVT

FEATURES & SPECIFICATIONS

INTENDED USE — Ideal for damp/wet locations such as outdoor verses, canopies and locker rooms. Not for sun or installation in direct outdoor sunlight. Must be installed under canopy or covered ceiling. For direct sunlight installations, please refer to the FEX product family. **Certain airborne contaminants can diminish integrity of acrylic and/or polycarbonate.** Click here for Acrylic/Polycarbonate Compatibility table for suitable uses.

Certain airborne contaminants may adversely affect the functioning of LEDs and other electronic components, depending on various factors such as concentrations of the contaminants, ventilation, and temperature at the end-user location. Click here for a list of substances that may not be suitable for interaction with LEDs and other electronic components.

CONSTRUCTION
- Light Gray Polycarbonate housing
- Frosted Polycarbonate lens
- Poured in place polyurethane gasket
- Polycarbonate Latches, optional stainless steel latches available.
- Standard 1/2" wet location fitting

ELECTRICAL
- High Efficiency LEDs meet DLC Standard
- MVOLT (120-277V) & 347V
- 0-10V Dimming standard
- Luminaire Surge Protection Level: Designed to withstand up to 2.5kV/0.25kA per ANSI C62.77.5-2015, For applications requiring higher level of protection additional surge protection must be provided,

INSTALLATION
- Surface (wall, ceiling) using standard brackets (301 stainless steel) Includes ball for chain hanging
- Suspended (chain, cable) using standard brackets (301 stainless steel)

LISTINGS
- CSA Certified to UL & CAL Standards for wet location
- IP65, IP66 rated per IEC60529
- 105F Splash zone rated
- FCC Title 47, Part 15 Subpart B compliant
- 2.5kV/0.75kA Surge Rated per ANSI C62.77.5-2015
- CSA Ambient Listings on Page 3
- Lumen Maintenance Listed on Page 3

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

WARRANTY — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at www.acuitybrands.com/support/warrantyterms-old-usednew

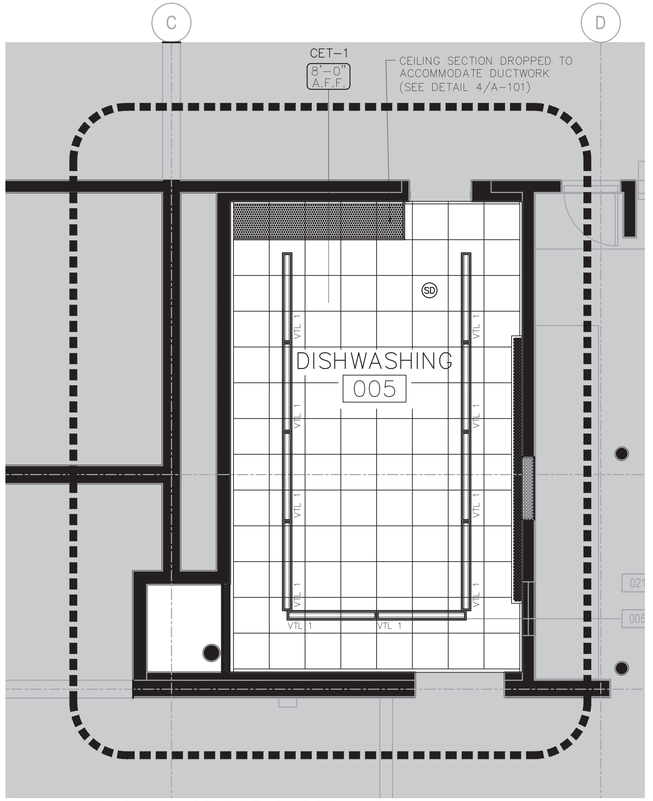
Note: Actual performance may differ as a result of end-user environment and application.
All values are design or typical values, measured under laboratory conditions at 25 °C.
Specifications subject to change without notice.

SSA+ Capable Luminaire
This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.
- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® or XPoint™ Wireless control networks marked by a shaded background*

To learn more about A+, visit www.acuitybrands.com/aplus.
*See ordering tree for details

INDUSTRIAL

CSVT
Page 1 of 4



1 A–101 PARTIAL CELLAR FLOOR REFLECTED CEILING PLAN
SCALE: 1/4" = 1'–0"

CEILING TILE LEGEND

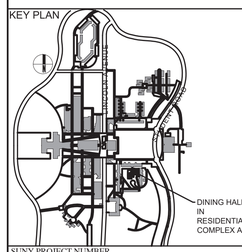
SYMBOL	TYPE OF FINISH	DESCRIPTION
	CEILING TILE (CET–1)	"ROCKFON" HYGIENIC PLUS, NRC 0.90, FIRE CLASS A, SAG RESISTANCE (RELATIVE HUMIDITY) UP TO 100%, LOW VOC, MODULAR SIZE (NOMINAL) 2'x2'x 3/4" OR APPROVED EQUAL ALTERNATIVE "ARMSTRONG" KITCHEN ZONE TILE, FIRE CLASS A, SAG/HUMIDITY RESISTANCE (RELATIVE HUMIDITY), LOW VOC, MODULAR SIZE (NOMINAL) 2'x2'x 3/4" OR APPROVED EQUAL

LIGHTING SCHEDULE

SYMBOL	DESCRIPTION	WATTAGE
VTL 1	"LITHONIA LIGHTING" CSVT L48 – 4' FT. LED T8 VAPOR TIGHT FIXTURE, REMOVABLE LAMPS, LED LUMENS 5,000, SURFACE MOUNTED OR APPROVED EQUAL ALTERNATIVE "HAWKEYE" PL–VT4–2LED44WL – 4' FT. LED T8 VAPOR TIGHT FIXTURE, REMOVABLE LAMPS, LED LUMENS 5700, SURFACE MOUNTED OR APPROVED EQUAL	(2) 22 WATTS
SD	WIRED SMOKE/CARBON MONOXIDE DETECTOR	

PURCHASE COLLEGE
STATE UNIVERSITY OF NEW YORK
RESIDENTIAL COMPLEX A
DISWASHING ROOM RENOVATION

KEY PLAN



SUNY PROJECT NUMBER
SU-021624A

APPROVAL STAMP

ISSUED FOR BID

No.	Revision	Date

PROJECT:
RESIDENTIAL COMPLEX A
DISWASHING ROOM
RENOVATION
Cellar Floor

ENGINEER:
DM ENGINEERS
INNOVATIVE IDEAS - GREEN SOLUTIONS
4508 40TH ST., UNIT 1A - OFFICE
SUNNYSIDE, NY, 11104
WWW.DM-ENGINEERS.COM

DRAWING TITLE
PARTIAL CELLAR FLOOR
DISHWASHING ROOM
REFLECTED CEILING PLAN

JOB LOCATION:
735 Anderson Hill Road
Purchase, NY 10577

JOB TYPE: ALTERATION
REVIEWED BY: MMB, PE
DATE: 2/2/2026
DRAWN BY: AFB
SHEET NO: 04 OF 07

SIGN & SEAL
REGISTERED ARCHITECT ALVARO F. BOLANOS 046085 STATE OF NEW YORK

* TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT. THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 NEW YORK STATE ENERGY CONSERVATION CODE. *

* THIS PLAN APPROVED ONLY FOR WORK INDICATED ON THE APPLICATION SPECIFICATION SHEET. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON, OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES. *

A-101.00

FINISH SCHEDULE

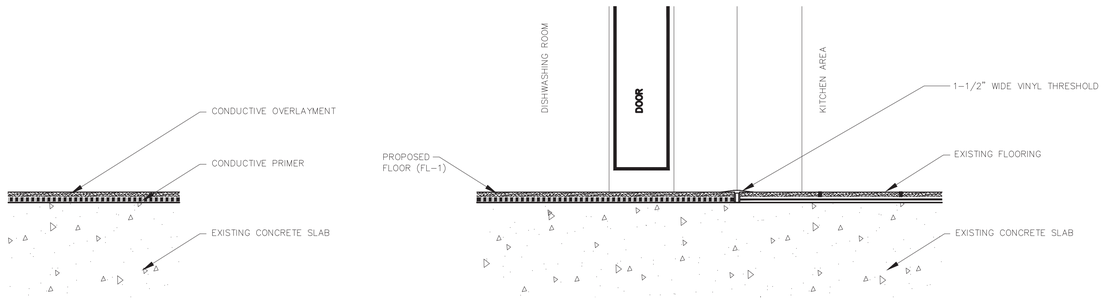
ROOM NO.	NAME	FLOOR		WALLS				CEILING	REMARKS
		MATERIAL	BASE	NORTH	SOUTH	EAST	WEST	FINISH	
005	DISHWASHING	EPOXY FLOOR	CONCRETE	C.TILE	C.TILE	C.TILE	C.TILE	CEILING TILE	SUNY STANDARDS

FINISH NOTES:

1. EXACT TILE JOINT LAYOUTS TO BE APPROVED BY ARCHITECT PRIOR TO INSTALLATION.
2. SUBMIT SAMPLES OF ALL FINISHES FOR APPROVAL BY ARCHITECT/OWNER
3. ALL GROUT COLORS TO BE SELECTED BY ARCHITECT/OWNER, CONTRACTOR TO SUBMIT SAMPLES FOR APPROVAL.
4. DOOR SADDLE TO MATCH FLOOR TILE AND BE APPROVED BY ARCHITECT/OWNER

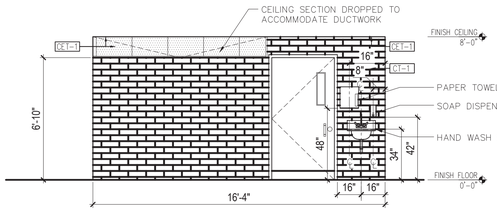
FINISH SCHEDULE LEGEND

SYMBOL	TYPE OF FINISH	DESCRIPTION
FL-1	FLOOR -1	"STONHARD" STONCLAD GS – ABRASION/IMPACT/CHEMICAL RESISTANCE, COLOR SILVER GRAY, FINISH GS4 (OR APPROVED EQUAL) ALTERNATIVE "SIKA" SIKAFLOOR PURCEM HM-20 – ABRASION/IMPACT/CHEMICAL RESISTANCE, COLOR SILVER GRAY (OR APPROVED EQUAL)
CT-1	CERAMIC TILE -1	"DALTILE" RESTORE BRIGHT WHITE 4-1/4 IN. X 12-7/8 IN. GLAZED CERAMIC SUBWAY WALL TILE (OR APPROVED EQUAL) ALTERNATIVE "AMERICAN OLEAN" BRIGHT WHITE 4 IN. X 12 IN. GLAZED CERAMIC SUBWAY TILE (OR APPROVED EQUAL)

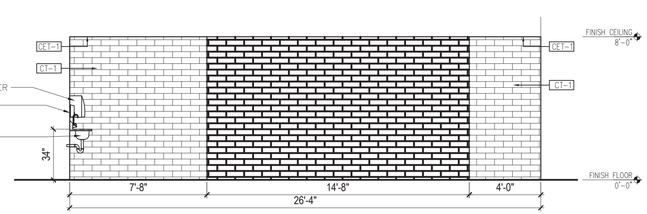


6 A-102 SEAMLESS FLOOR SYSTEM DETAIL
SCALE: NOT TO SCALE

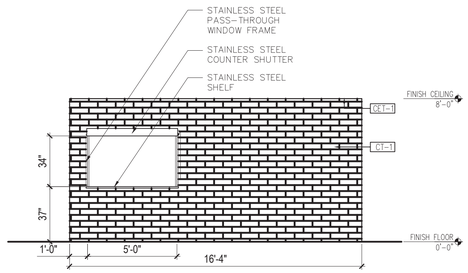
7 A-102 FLOOR TRANSITION AT DOOR DETAIL (FT-1)
SCALE: NOT TO SCALE



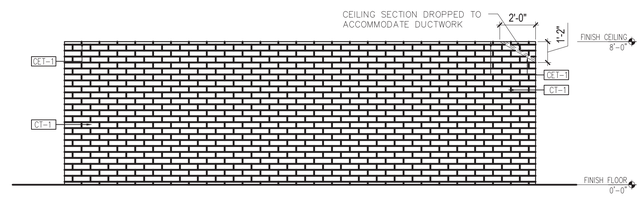
1 A-102 INTERIOR ELEVATION -1
SCALE: 1/4" = 1'-0"



4 A-102 INTERIOR ELEVATION -4
SCALE: 1/4" = 1'-0"



3 A-102 INTERIOR ELEVATION -3
SCALE: 1/4" = 1'-0"



2 A-102 INTERIOR ELEVATION -2
SCALE: 1/4" = 1'-0"

FLOOR -1

PRODUCT DATA

STONHARD

STONCLAD GS

PRODUCT DESCRIPTION
Stoncland GS is a four-component, troweled, epoxy mortar system. The system consists of an epoxy resin, amine curing agent, pigments and selected, graded aggregates. Stoncland GS can be applied at thickness ranging from 1/8 in./3 mm to 1/4 in./6 mm depending on application requirements. Stoncland GS cures to an extremely hard, impact-resistant mortar which exhibits excellent abrasion, wear and chemical resistance and can be used anywhere an epoxy mortar is required.

SYSTEM OPTIONS

Coatings
To improve cleanability and increase the resistance to damage from abrasion and chemical spillages, the following coatings are recommended: Stonkote GS4 and Stonkote HT4. Other coating options are available, please contact your local Stonhard representative or Technical Service for specific requirements.

Waterproofing
Where the total system must be waterproof, use of Stonhard's Stonproof ME7 membrane system is required, with strict adherence to application instructions.

Cove Base
To provide for an integral seal at the joint between the floor and the wall, cove bases in varying heights are available, contact your local Stonhard representative or Technical Service for details.

PACKAGING
Stoncland GS is packaged in units for easy handling. Each unit consists of:
2 cartons, each containing:
6 foil bags of Amine
6 poly bags of Resin
12 individual bags of Part C-1 Aggregate

1 carton containing:
12 bags of Part C-2 Pigment

COVERAGE
Each unit of Stoncland GS will cover approximately 200 sq. ft./18.6 sq. m of surface at a nominal 1/4 in./6 mm thickness.

STORAGE CONDITIONS
Store all components of Stoncland GS between 60 to 85°F/16 to 30°C in a dry area. Avoid excessive heat and do not freeze. The shelf life is 2 years in the original, unopened container.

COLOR
Stoncland GS is available in 12 standard colors. Refer to the Stoncland Color Sheet. Color variations will exist if the Stoncland GS surface is not coated with a pigmented coating. Please contact your local Stonhard representative or Technical Service with any questions.

SUBSTRATE
Stoncland GS, with the appropriate primer, is suitable for application over concrete, wood, brick, quarry tile, meral or Stonhard Stonset grouts. For questions regarding other possible substrates or an appropriate primer, contact your local Stonhard representative or Technical Service.

SUBSTRATE PREPARATION
Proper preparation is critical to ensure an adequate bond and system performance. The substrate must be dry and properly prepared utilizing mechanical methods. Questions regarding substrate preparation should be directed to your local Stonhard representative or Technical Service.

PRIMING
The use of Standard Primer is necessary for all applications of Stoncland GS over all substrates except Stonset grouts. Over Stonset grouts, Stonhard's Stonset Primer is used. Please see the appropriate primer Product Data sheet for details.

PHYSICAL CHARACTERISTICS

Compressive Strength (ASTM C-579)	10,000 psi after 7 days
Tensile Strength (ASTM C-307)	1,750 psi
Flexural Strength (ASTM C-580)	4,000 psi
Flexural Modulus of Elasticity (ASTM C-580)	2.0 x 10^6 psi
Hardness (ASTM D-2240, Shore D)	85 to 90
Impact Resistance (ASTM D-2794)	>160 in./lbs.
Abrasion Resistance (ASTM D-4060, CS-17)	0.1 gm *
Flammability (ASTM E-648)	Class 1
Thermal Coefficient of Linear Expansion	1.4 x 10^5 in./in.°F (ASTM C-531)
Water Absorption (ASTM C-413)	0.2%
VOC Content (ASTM D-2369, Method E)	4 g/l
Cure Rate (at 75°F/25°C)	24 hours for normal operations

* Test samples finished with one coat of high solids epoxy coating

Note: The above physical properties were measured in accordance with the referenced standards. Samples of the actual floor system, including binder and filler, were used as test specimens. All sample preparation and testing is conducted in a laboratory environment, values obtained on field applied materials may vary and certain test methods can only be conducted on lab made test coupons.

CERAMIC TILE -1

PORCELAIN/CERAMIC TEST RESULTS

Daltile has always been proud to support solutions that better our industry. That's why we're among the first to join the Tile Council of North America in testing our products with DCOF Acu Test™, a new industry standard used to measure dynamic coefficient of friction (DCOF). DCOF Acu Test™ assesses a product's suitability for the commercial environment and the specific usability needs of the application.

A Measure of Friction
Friction is the force that resists the sliding motion of one surface against another. Contaminants, such as liquids, can alter the measurement of friction. There are two types of friction: static (SCOF) and dynamic (DCOF). SCOF is the ratio of forces necessary to start two surfaces sliding. This is what the former American Society for Testing and Materials (ASTM) C1028 static test measured. DCOF is the ratio of forces necessary to keep two surfaces sliding.

Out with the Old, In with the New
Dal-Tile, in partnership with the Tile Council of North America (TCNA), is proud to endorse the DCOF Acu Test™ because it's the most accurate method for determining whether or not a product is suitable for a commercial environment.

- Similar to measuring the speed of a car in both mph and kph, friction can also be measured on two scales (DCOF and SCOF). The new 0.42 wet (DCOF) is replacing the old reference of 0.60 COF wet, which has long been the benchmark for friction in commercial applications.
- The new, more stringent DCOF Acu Test™ uses a portable robot that, unlike ASTM C1028, gives realistic values on very smooth surfaces.

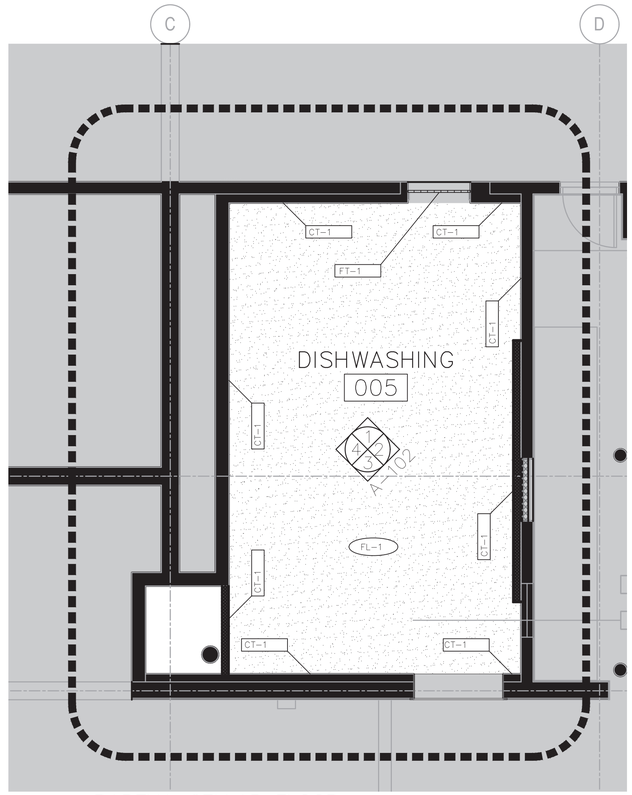
While the industry standard is changing, the quality you can count on from us remains the same.
Visit www.daltile.com/DCOF to learn more.

Water Absorption, ASTM C373-88
Water absorption is measured using ASTM C373-88. Individual tiles are weighed, saturated with water, then weighed again. The percent difference between the two conditions is referred to as the water absorption value. Tiles are classified according to water absorption percentages as follows:

Impervious	Tiles exhibiting 0.5% or less.
Vitreous	Tiles exhibiting more than 0.5%, but not more than 3.0%.
Semi-Vitreous	Tiles exhibiting more than 3.0%, but not more than 7.0%.
Non-Vitreous	Tiles exhibiting more than 7.0%.

Scratch Hardness – Mohs Scale Ratings
The relative hardness of glazed tile is an important issue that should be addressed when selecting a tile. The test is performed by scratching the surface of the tile with different minerals and subjectively assigning a "Mohs Scale of Mineral Hardness" number to the glaze. The softest mineral used is talc ("1" rating)—the hardest is a diamond ("10" rating). Other minerals of varying hardness providing Mohs Scale of Mineral Hardness values of 5 or more are suitable for most residential floor applications. A value of 7 or greater is normally recommended for commercial applications.

 daltile



5 A-102 PARTIAL CELLAR FLOOR FINISH PLAN
SCALE: 1/4" = 1'-0"

* TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 NEW YORK STATE ENERGY CONSERVATION CODE. *

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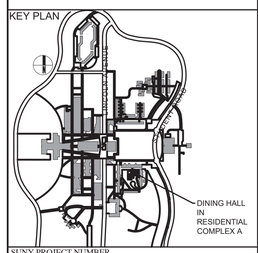
PURCHASE COLLEGE
STATE UNIVERSITY OF NEW YORK
RESIDENTIAL COMPLEX A
DISWASHING ROOM RENOVATION

KEY PLAN



SUNY PROJECT NUMBER
SU-021624A

APPROVAL STAMP

ISSUED FOR BID

No.	Revision	Date

PROJECT:
RESIDENTIAL COMPLEX A
DISWASHING ROOM
RENOVATION
Cellar Floor

ENGINEER:
DM ENGINEERS
INNOVATIVE IDEAS - GREEN SOLUTIONS
4508 40TH ST., UNIT 1A - OFFICE
SUNNYSIDE, NY, 11104
WWW.DM-ENGINEERS.COM

DRAWING TITLE
PARTIAL CELLAR FLOOR
DISHWASHING ROOM
FINISH PLAN & ELEVATIONS

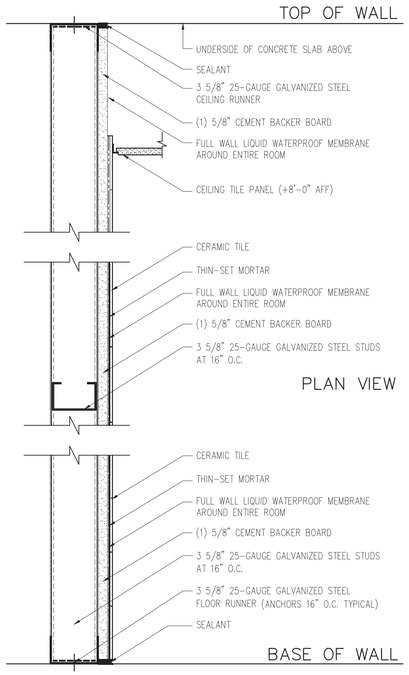
JOB LOCATION:
735 Anderson Hill Road
Purchase, NY 10577

JOB TYPE: ALTERATION
REVIEWED BY: MMB, PE
DATE: 2/2/2026
DRAWN BY: AFB
SHEET NO: 05 OF 07

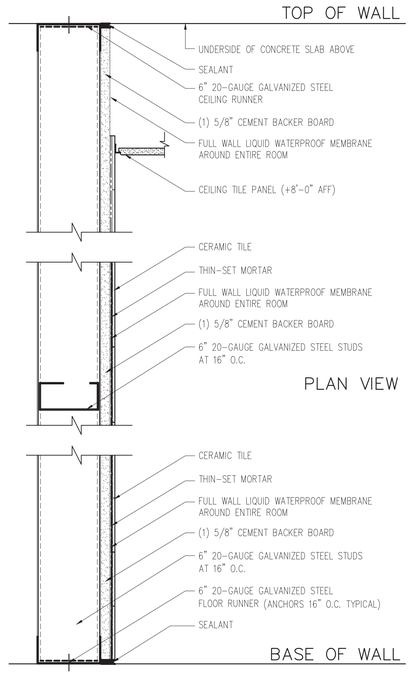
SIGN & SEAL
REGISTERED ARCHITECT
ALVARO F. BOLANOS
046089
STATE OF NEW YORK

A-102.00

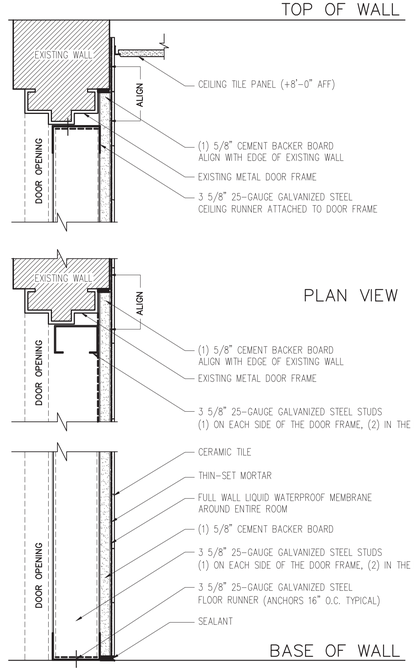
PARTITION TYPES:



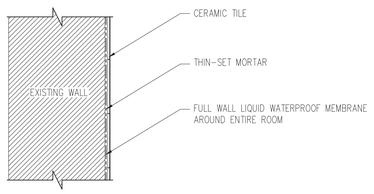
1 INTERIOR PARTITION
NON-RATED ASSEMBLY



3 INTERIOR PARTITION
NON-RATED ASSEMBLY



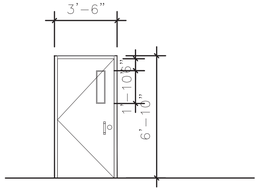
2 INTERIOR PARTITION AT EXISTING DOOR OPENING
NON-RATED ASSEMBLY



4 FINISH EXISTING WALL

DOOR SCHEDULE:

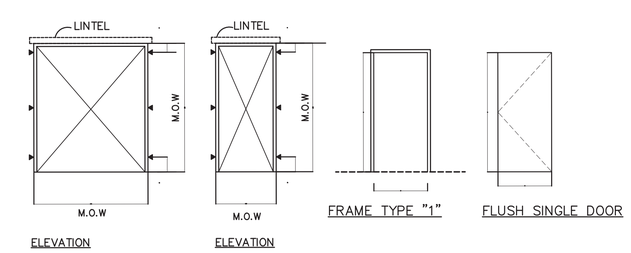
NO.	DOOR SIZE		DOOR	FRAME	REMARK
	WIDTH	HEIGHT	MATERIAL	MATERIAL	
	3'-2"	6'-8"	HOLLOW METAL	H.M.	3/4 HR FPSC W/ WIRED GLASS VISION PANEL – DISHWASHING ROOM



1 DISHWASHER ROOM

1.5 HR. FIRE RATED STEEL DOOR & STEEL FRAME WITH WIRED GLASS VISION PANEL.
SELF-CLOSING HARDWARE
SIGNAGE BY THE CAMPUS STANDARDS

FRAME TYPES:



HANDICAPPED ADAPTABLE DOOR DETAILS AND NOTES

NOTE:

1. PROVIDE CUT-OUT AND REINFORCEMENT OF HOLLOW METAL DOOR FRAME & STRIKES AS SHOWN AT BOTH SIDES OF JAMBS FOR PRESENT AND FUTURE REVERSIBLE SWING AS INDICATED ON ARCH. PLANS.

2. PROVIDE REMOVABLE COVER PLATES SCREWED OVER UNUSED STRIKES & HINGES. FIELD TO REMOVE PLATES AS REQUIRED FOR LEFT OR RIGHT HAND SWING.

DOOR NOTES:

1. DOORS: SEAMLESS, HOLLOW OR COMPOSITE CONSTRUCTION STANDARD STEEL DOORS.

2. FRAMES: PRESSED STEEL FRAMES FOR ALL DOORS OF FOLLOWING TYPES:
A) FRAMES SHALL BE OF THE COMBINATION BUCK, FRAME AND TRIME TYPE. GAGE OF METAL SHALL BE 16 GAUGE FOR METAL DOORS AND 17 GAUGE FOR WOOD DOORS. FRAMES SHALL BE SUPPLIED WITH RUBBER BUMPERS. FRAMES WITHIN APARTMENTS SHALL BE KNOCK DOWN TYPE AND SHALL HAVE JOINTS THAT INTERLOCK RIGIDLY SO AS TO MAINTAIN ALIGNMENT OF PARTS AND PROVIDE FUNCTIONALLY SATISFACTORY PERFORMANCE OF COMPLETE FRAME WHEN FIELD ASSEMBLY. FACES OF FRAMES AT JUNCTION OF HEAD AND JAMB WILL PRESENT NEAT LINE JOINTS WITH MITER TIGHT AND FLUSH.

3. PROVIDE FACTORY PRIMED DOORS AND FRAMES TO BE FIELD PAINTED.

4. ALL INTERIOR DOORS TO BE MINIMUM 20 GAGE COLD ROLLED SHEET STEEL DOOR FACES.

5. ALL METAL FRAMES FOR DOORS TO BE MINIMUM OF 18 GAGE. FABRICATE FRAMES WITH MITERED, COPED OR WELDED CORNERS.

6. PREPARE DOORS AND FRAMES TO RECEIVE MORTISED AND CONCEALED HARDWARE IN ACCORDANCE WITH FINAL HARDWARE SCHEDULE AND TEMPLATES PROVIDE BY HARDWARE SUPPLIER.

7. DOORS INDICATED TO BE FIRE RATED, SHALL HAVE DOORS, FRAMES AND HARDWARE FABRICATED AND INSTALLED TO COMPLY WITH FIRE RESISTIVE RATING SPECIFIED.

8. DOORS SHALL BE BEVELED AND FACTORY FITTED FOR HINGES AND CYLINDRICAL LATCH SETS.

9. CLEAR POLISHED WIRE GLASS SHALL BE INSTALLED IN ALL DOORS WITH VISION PANELS THAT HAVE A FIRE RATING.

DOOR HARDWARE NOTES:

A. HINGES–1 1/2 PAIR, 4"X 4", FULL MORTISE, BALL BEARING, FIVE KNUCKLES, BUTTON TIP, MODEL FBB 179 BY STANLEY OR EQUIVALENT AND APPROVED BY SUNY PURCHASE COLLEGE.

B. CYLINDER – PRIMUS CYLINDER #20–757 BY SCHLAGE OR EQUIVALENT AND APPROVED BY SUNY PURCHASE COLLEGE.

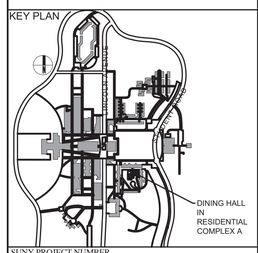
D. CLOSER – FULLY CONCEALED, MODEL 800 SERIES BY RLXON OR EQUIVALENT AND APPROVED BY SUNY PURCHASE COLLEGE.

E. SILENCERS –FRAME DRILLED , THREE (3) ON STRIKE JAMB, MODEL SR64 BY IVES OR EQUIVALENT AND APPROVED BY SUNY PURCHASE COLLEGE.

F. HANDLE – STAINLESS STEEL DOOR HANDLE. BTMB (11.77"x3.15")

PURCHASE COLLEGE
STATE UNIVERSITY OF NEW YORK
RESIDENTIAL COMPLEX A
DISWASHING ROOM RENOVATION

KEY PLAN



SUNY PROJECT NUMBER
SU-021624A

APPROVAL STAMP

ISSUED FOR BID

No.	Revision	Date

PROJECT:
RESIDENTIAL COMPLEX A
DISWASHING ROOM
RENOVATION
Cellar Floor

ENGINEER:
DM ENGINEERS
INNOVATIVE IDEAS - GREEN SOLUTIONS
4508 40TH ST., UNIT 1A - OFFICE
SUNNYSIDE, NY, 11104
WWW.DM-ENGINEERS.COM

DRAWING TITLE
PARTITION TYPES,
DOOR SCHEDULE & NOTES

JOB LOCATION:
735 Anderson Hill Road
Purchase, NY 10577

JOB TYPE:	ALTERATION
REVIEWED BY:	MMB, PE
DATE:	2/2/2026
DRAWN BY:	AFB
SHEET NO:	07 OF 07

SIGN & SEAL
REGISTERED ARCHITECT
ALVARO T. BOLANOS
046088
STATE OF NEW YORK

A-103.00

* TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT. THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 NEW YORK STATE ENERGY CONSERVATION CODE. *

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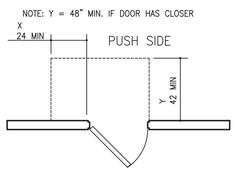
HANDICAPPED ADAPTABILITY NOTES:

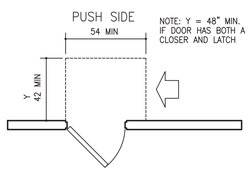
1. ALL DETAILS AND GENERAL NOTES PERTAINING TO HANDICAPPED ADAPTABILITY SHALL SUPERSEDE OTHER DETAILS AND NOTES HEREIN.
2. ALL COMPONENTS OF SPACES REQUIRED TO COMPLY WITH HANDICAPPED ADAPTABILITY NOT COVERED BY THE SCOPE OF THESE DOCUMENTS SHALL ALSO COMPLY WITH REQUIREMENTS OF RS4-6, THIS INCLUDES (BUT IS NOT LIMITED TO) INTERIOR FINISHES; CONTROLS FOR BATHROOM, KITCHEN AND HVAC APPLIANCES AND FOR LIFTS & ELEVATORS; AND HARDWARE FOR DOORS, WINDOWS AND STORAGE AREAS.
3. DOORWAYS INTENDED FOR USER PASSAGE SHALL HAVE A MINIMUM CLEAR OPENING OF 32 IN. WITH THE DOOR OPEN 90 DEGREES. MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP.
4. THE DOOR AND DOOR BUCK AT THE BATHROOM (S) SHALL BE DESIGNED AND CONSTRUCTED SO THAT REMOUNTING THE HINGES IS THE ONLY CHANGE REQUIRED TO SWING THE DOOR OUT.
5. THRESHOLDS AT DOORWAYS SHALL NOT EXCEED 3/4 IN. IN HEIGHT FOR EXTERIOR RESIDENTIAL SLIDING DOORS OR 1/2 IN. FOR OTHER TYPES OF DOORS. RAISED THRESHOLDS AND FLOOR LEVEL CHANGES AT ACCESSIBLE DOORWAYS SHALL BE BEVELED WITH A SLOPE NOT GREATER THAN 1:2
6. OVERHEAD KITCHEN CABINETS (EXCEPT OVER STOVES, COOKTOPS AND PASS THROUGHS) SHALL BE INSTALLED SO AS TO BE EASILY LOWERED TO A HEIGHT OF 48" FROM FINISHED FLOOR TO TOP OF LOWEST SHELF.
7. CHANGES IN GROUND LEVEL UP TO 1/4 IN. MAY BE VERTICAL AND WITHOUT EDGE TREATMENT. CHANGES IN LEVEL BETWEEN 1/4 IN. AND 1/2IN. SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.
8. DOORS TO HAZARDOUS AREAS SHALL BE MADE IDENTIFIABLE TO THE TOUCH BY A TEXURED SURFACE ON THE DOOR HANDLE, KNOB, PULL OR OTHER OPERATING HARDWARE. THIS TEXTURED SURFACE MAY BE MADE BY KNURLING OR ROUGHENING OR BY A MATERIAL APPLIED TO THE CONTACT SURFACE. (HAZARDOUS AREAS INCLUDE LOADING PLATFORMS, BOILER ROOMS, STAGES, ETC.).
9. DETECTABLE WARNING TEXTURES ON WALKING SURFACES AS SHOWN ON PLANS SHALL CONSIST OF EXPOSED AGGREGATE CONCRETE, CUSHIONED SURFACES MADE OF RUBBER OR PLASTIC, RAISED STRIPS, OR GROOVES. TEXTURES SHALL CONTRAST WITH THAT OF THE SURROUNDING SURFACE. RAISED STRIPS OR GROOVES SHALL COMPLY WITH RS 4-6. GROOVES MAY BE USED INDOORS ONLY.
10. AUDIBLE EMERGENCY ALARMS SHALL PRODUCE A SOUND THAT EXCEEDS THE PRAVAILING EQUIVALNT SOUND LEVEL IN THE ROOM OR SPACE BY AT LEAST 15 DECIBELS OR EXCEEDS ANY MAXIMUM SOUND LEVEL WITH A DURATION OF 30 SECONDS BY 5 DECIBELS, WHICHEVER IS LOUDER. SOUND LEVELS FOR ALARM SIGNALS SHALL NOT EXCEED 120 DECIBALS.
11. VISUAL ALARMS SHALL BE FLASHING LIGHTS ARRAGNED TO FLASH IN CONJUCTION WITH THE AUDIBLE EMERGENCY ALARMS. THE FLASHING FREQUENCY OF VISUAL ALARMS SHALL BE APPROXIMATELY 1 HZ.. SPECIALIZED SYSTEMS USING ADVANCED TECHNOLOGY MAY BE SUBSTITUTED IF EQUIVALENT PROTECTION IS AFFORDED HANDICAPPED USERS OF THE BUILDING OR FACILITY.
12. SENSORY ALARMS PROVIDED FOR PERSONS WITH HEARING IMPAIRMENTS SHALL BE CONNECTED TO THE BUILDING EMERGENCY SYSTEM OR THERE SHALL BE A STANDARD 110-VOLT ELECTRICAL RECEPTACLE INTO WHICH AN ALARM UNIT CAN BE CONNECTED TO BE ACTIVATED BY THE BUILDING ALARM SYSTEM. INSTRUCTIONS FOR USE OF THE AUXILIARY ALARM OR CONNECTIONS SHALL BE PROVIDED.

HANDICAPPED USABILITY NOTES:

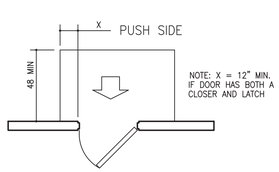
1. ALL DETAILS AND GENERAL NOTES PERTAINING TO HANDICAPPED USABILITY SHALL SUPERSEDE OTHER DETAILS AND NOTES HEREIN.
2. ALL COMPONENTS OF SPACES REQUIRED TO COMPLY WITH HANDICAPPED USABILITY NOT COVERED BY THE SCOPE OF THESE DOCUMENTS SHALL ALSO COMPLY WITH THE REQUIREMENTS OF RS 4-6, THIS INCLUDES (BUT IS NOT LIMITED TO) INTERIOR FINISHES, CONTROL FOR BATHROOM, AND HARDWARE FOR DOORS.
3. DOORWAYS INTENDED FOR USER PASSAGE SHALL HAVE A MINIMUM CLEAR OPENING OF 32 IN. WITH THE DOOR OPEN 90 DEGREES, MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP.
4. THRESHOLD AT DOORWAYS SHALL NOT EXCEED 1/2" IN HEIGHT. RAISED THRESHOLD AND FLOOR LEVEL CHANGES AT ACCESSIBLE DOORWAYS SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.



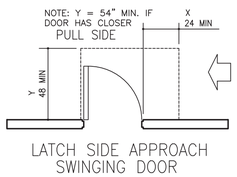
LATCH SIDE APPROACH SWINGING DOOR



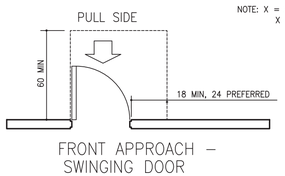
SIDE APPROACH – SWINGING DOOR



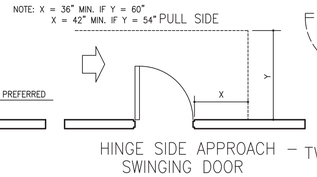
FRONT APPROACH – SWINGING DOOR



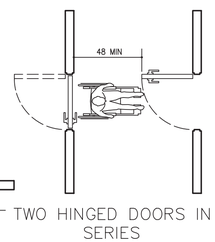
LATCH SIDE APPROACH SWINGING DOOR



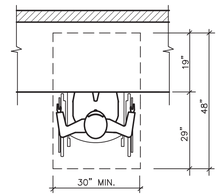
FRONT APPROACH – SWINGING DOOR



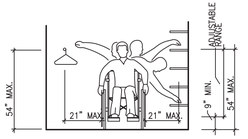
HINGE SIDE APPROACH – SWINGING DOOR



TWO HINGED DOORS IN SERIES



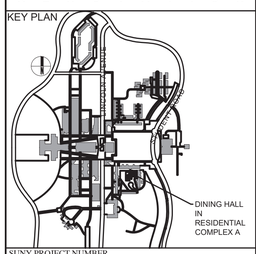
CLEAR FLOOR SPACE UNDER WORK SURFACE
SCALE: 1/2"=1'-0"
6 G102



CLOSET AND SHELVES
SCALE: 1/4"=1'-0"
7 G102

PURCHASE COLLEGE
STATE UNIVERSITY OF NEW YORK
RESIDENTIAL COMPLEX A
DISWASHING ROOM RENOVATION

KEY PLAN



SUNY PROJECT NUMBER
SU-021624A

APPROVAL STAMP

ISSUED FOR BID

No.	Revision	Date

PROJECT:
RESIDENTIAL COMPLEX A
DISWASHING ROOM
RENOVATION
Cellar Floor

ENGINEER:
DM ENGINEERS
INNOVATIVE IDEAS - GREEN SOLUTIONS
4508 40TH ST., UNIT 1A - OFFICE
SUNNYSIDE, NY, 11104
WWW.DM-ENGINEERS.COM

DRAWING TITLE
ADA GENERAL NOTES & ADA DIAGRAMS

JOB LOCATION:
735 Anderson Hill Road
Purchase, NY 10577

JOB TYPE: ALTERATION
REVIEWED BY: MMB, PE
DATE: 2/2/2026
DRAWN BY: AFB
SHEET NO: 07 OF 07

SIGN & SEAL:
REGISTERED ARCHITECT
ALVARO F. BOLANOS
046086
STATE OF NEW YORK

G-001.00

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GENERAL PIPING NOTES:

1. REFER TO ALL OTHER DRAWINGS FOR ADDITIONAL WORK AND REMOVALS.
2. PIPING PLANS ARE DIAGRAMMATIC ONLY AND REPRESENTS THE MINIMUM PIPING REQUIREMENTS AND PIPE SIZES REQUIRED TO MEET THE DESIGN CONDITIONS. COORDINATE POSITIONING WITH EXISTING AND/OR NEW CONSTRUCTION TO AVOID CONFLICTS WITH STRUCTURAL MEMBERS, PIPING, CONDUIT, LIGHTING FIXTURES, ETC. SUBMIT SHOP DRAWINGS OF ALL PROPOSED PIPING BEFORE INSTALLATION, USING CROSS-SECTIONAL DIAGRAMS WHERE NECESSARY TO FULLY ILLUSTRATE INSTALLATION INTENT. ONLY AFTER ENGINEER REVIEW OF SHOP DRAWINGS SHALL PIPING AND EQUIPMENT BE INSTALLED.
3. DO NOT RETAIN ANY SERVICE VALVES, PIPING TRIM, OR HANGERS MADE SPARE BY THIS WORK. ALL PIPING FOR SERVING EQUIPMENT TO BE REMOVED IS TO BE REMOVED BACK TO THE NEAREST SERVICE VALVE.
4. THE VALVES REQUIRED TO SERVICE A PIECE OF EQUIPMENT SHALL BE WITHIN A 5 FOOT RADIUS OF IT.
5. PROVIDE HOSE BIBS/DRAINS WHERE INDICATED AND AT ALL SYSTEM PIPING AND EQUIPMENT LOW POINTS.; PROVIDE VENTS WHERE INDICATED AND AT ALL PIPING HIGH POINTS.
6. BALANCE ALL EQUIPMENT TO NOTED GPM & CFM VALUES.
7. SEAL AND INSULATE ALL PROVIDED AND EXISTING PIPING PER THE PROJECT MANUAL.
8. ALL MANUAL VALVES FOR 2" PIPING (EXCEPT LPS SERVICE) OR SMALLER SHALL BE BALL TYPE.

SYMBOL LEGEND

- PROVIDE ITEM
- EXISTING ITEM TO REMAIN
- REMOVE ITEM
- CONCRETE PAD
- RLS — REFRIGERANT LINE SET
- CD — CONDENSATE DRAIN PIPING
- HWS — HEATING WATER SUPPLY
- HWR — HEATING WATER RETURN
- LPS — LOW PRESSURE STEAM
- HPS — HIGH PRESSURE STEAM
- LPR — STEAM CONDENSATE RETURN
- FLOW DIRECTION
- ELBOW UP
- ELBOW DOWN
- TOP CONNECTION
- BOTTOM CONNECTION
- SIDE CONNECTION
- CAPPED OUTLET
- (1) KEYED NOTE NUMBER
- POINT OF CONNECTION TO EXISTING
- POINT OF DISCONNECTION
- SHUT-OFF VALVE
- MANUAL BALANCE VALVE
- CHECK VALVE
- DUCTWORK WITH 1" ACOUSTIC LINING
- AIRFLOW DIRECTION
- SUPPLY DUCT (DOWN)
- RETURN DUCT (DOWN)
- VOLUME DAMPER
- (T) THERMOSTAT

ABBREVIATIONS

A/B-XXX	SEE DETAIL A ON DRAWING B-XXX
A.F.F.	ABOVE FINISHED FLOOR
AI	ANALOG INPUT
(C)	CONSTRUCTION WORK CONTRACT
C	CONDUIT
CD	CONDENSATE DRAIN
CFM	CUBIC FEET PER MINUTE
CHWS/R	CHILLED WATER SUPPLY/RETURN
CKT	CIRCUIT
CLG	CEILING
CTE	CONNECT TO EXISTING
DCW	DOMESTIC COLD WATER
DHW	DOMESTIC HOT WATER
DIA	DIAMETER
DISC	DISCONNECT
DN	DOWN
DO	DIGITAL OUTPUT
DWG.	DRAWING
(A)	ELECTRICAL WORK CONTRACT
EA	EACH
EQUIP.	EQUIPMENT
ETR	EXISTING TO REMAIN
EX.	EXISTING
GALV.	GALVANIZED
GPM	GALLONS PER MINUTE
(H)	HVAC WORK CONTRACT
HP	HORSE POWER
KW	KILO WATT
MAX	MAXIMUM
MER	MECHANICAL EQUIPMENT ROOM
MIN	MINIMUM
(P)	PLUMBING WORK CONTRACT
PNL	PANEL
PT.	PAINT
RLS	REFRIGERANT LINE SET
RM.	ROOM
SF	SQUARE FEET
TYP.	TYPICAL
UG	UNDERGROUND
V	VOLT OR VOLTAGE
W	WATT
W.C.	WATER COLUMN
WMS	WIRE MESH SCREEN

DUCT SCHEDULE

DUCT SERVICE	DUCT MATERIAL	INSULATION	REMARKS
TRANSFER DUCT	GALVANIZED STEEL	N/A	DUCT CONSTRUCTION TO BE AS PER SMACNA STANDARDS
EXHAUST DUCT	STAINLESS STEEL	N/A	DUCT CONSTRUCTION TO BE AS PER SMACNA STANDARDS

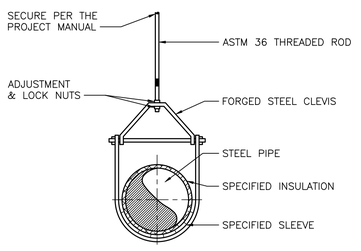
DIFFUSER, REGISTER, AND GRILLE SCHEDULE

MARK	TYPE	SERVICE	CFM RANGE	DUCT CONNECTION SIZE (INCHES)	NECK SIZE (INCHES)	FACE SIZE (INCHES)	MAX NC	MAX S.P.D. (IN W.G.)	BASIS OF DESIGN		REMARKS
									MODEL #	MANUFACTURER	
CD-1	LAY-IN	TRANSFER	675 - 825	18x7	15x15	24x24	30	0.10	DP	ANEMOSTAT	WHITE FINISH
CE-1	LAY-IN	EXHAUST	360 - 480	10x10	10x10	12x12	26	0.08	30	ANEMOSTAT	WHITE FINISH

INLINE FAN SCHEDULE

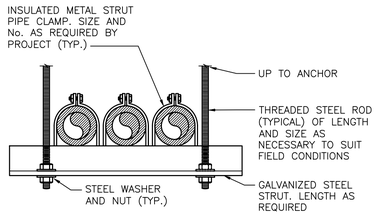
MARK	LOCATION	SERVICE	AIR QTY. (CFM)	E.S.P. (IN W.G.)	FAN MOTOR DATA			DRIVE TYPE	NOISE RATING (SONES)	MOTOR STARTER TYPE	BASIS OF DESIGN		DIMENSIONS (LxWxH)	WEIGHT (LBS)	REMARKS
					RPM	HP	V/ø/HZ				MODEL #	MANUFACTURER			
TAF-1	PLENUM	DISHWASHING ROOM	1500	0.75	1800	1/2	115/1/60	DIRECT	13.2	INTEGRAL, VIA REMOTE INPUT	SQ-120-HP-VG	GREENHECK	19"x21"x19"	67	1,2

1. CEILING HUNG, ELECTRICALLY COMMUTATED MOTOR WITH SPEED CONTROL DIAL ON FAN.
2. WIRE TO ENABLE FAN TO OPERATE WHEN ROOM LIGHTS ARE ON VIA A CURRENT SWITCH TO BE PROVIDED TO ACTIVATE THE FAN UPON DETECTION OF THE DISHWASHING ROOM LIGHTS BEING ON.

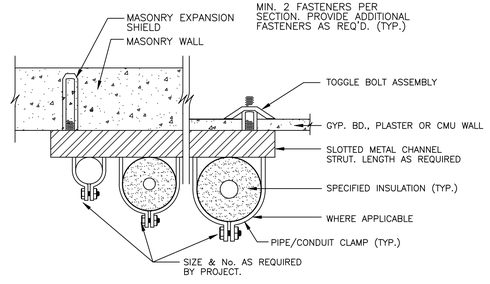


NOTE: FOR DIFFERENT PIPING MATERIALS OR OTHER ACCEPTABLE HANGING METHODS CONSULT PROJECT MANUAL

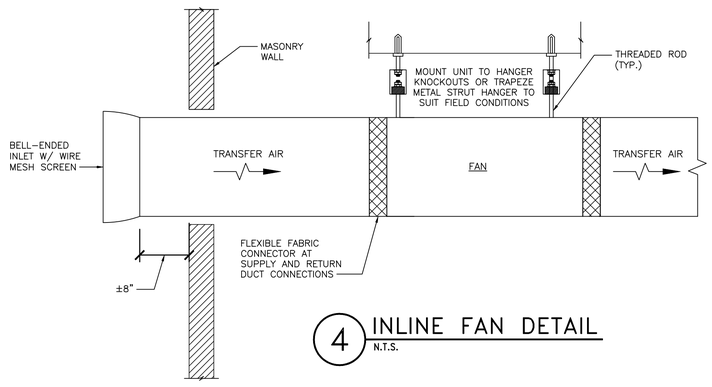
1 PIPE HANGING DETAIL
NO SCALE



2 CEILING MOUNTED PIPING RACK DETAIL
N.T.S.



3 PIPE RACK DETAIL-WALL MOUNTING
NTS



4 INLINE FAN DETAIL
N.T.S.

3 INCHES WHEN PLOTTED TO SCALE

NO.	DATE	DESCRIPTION
-	2/2/26	ISSUED FOR BID

DESIGN CONSULTANT:

FPM ENGINEERING & GEOLOGY, P.C.
640 JOHNSON AVENUE, SUITE 101
BOHEMIA, N.Y. 11716
(631)737-6200

STATE OF NEW YORK · CHRISTOPHER M. SCHWARZ · 081279 · LICENSED PROFESSIONAL ENGINEER

DESIGNED FOR:

PURCHASE COLLEGE
STATE UNIVERSITY
OF NEW YORK
735 ANDERSON HILL ROAD
PURCHASE, NY 11577

PROJECT TITLE AND LOCATION:

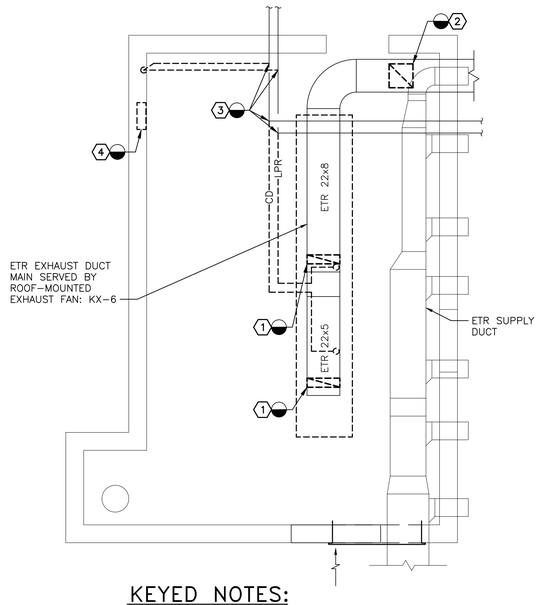
UPGRADE SCULLERY
MAIN DINING HALL
PURCHASE COLLEGE -
735 ANDERSON HILL ROAD
PURCHASE, NY 11577

PROJECT NO: 1400g-23-02

DRAWING TITLE:

MECHANICAL
NOTES, SYMBOLS,
AND DETAILS

DESIGN BY: FPM	DRAWING NO. M-001
DRAWN BY: DGG	
CHECK BY: CMS	
SCALE: AS NOTED	
DATE: 5/20/2025	SHEET 1 of 6

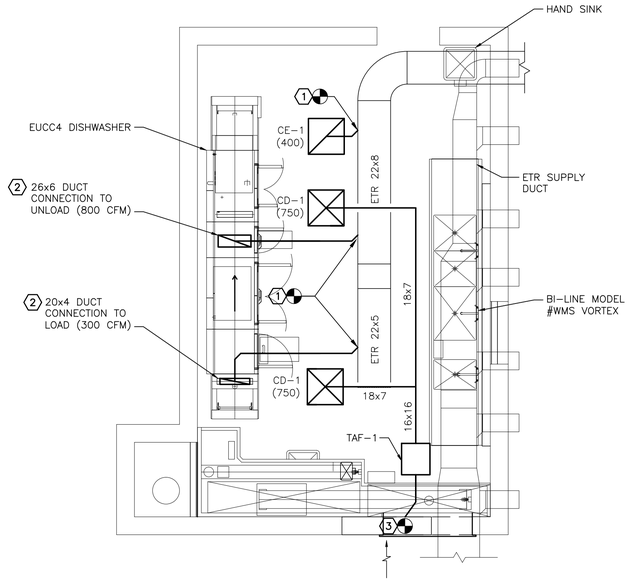


KEYED NOTES:

1. REMOVE 20x6 DUCT DROP FROM MAIN TO DISHWASHER. PATCH DUCT AIR TIGHT WITH STAINLESS STEEL SHEET METAL PATCH.
2. REMOVE CEILING EXHAUST GRILLE AND DUCT COLLAR. PATCH DUCT AIR TIGHT WITH STAINLESS STEEL SHEET METAL PATCH.
3. REMOVE STEAM AND CONDENSATE RETURN PIPING SERVING DISHWASHER AND PRIOR CONVEYOR. CAP/PLUG BRANCH TAKE-OFFS AT UNDERGROUND MAIN.
4. REMOVE MERCOID DIFFERENTIAL PRESSURE SENSOR CONTROLLER AND FLUSH-MOUNT ENCLOSURE IN ITS ENTIRETY. SAFE-OFF AND LABEL RELATED WIRING AND PNEUMATIC TUBING WITHIN CEILING PLENUM.

1 HVAC REMOVALS PLAN

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

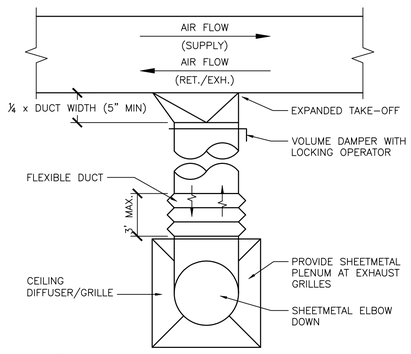


KEYED NOTES:

1. CONNECT TO EX. EXHAUST DUCT. PROVIDE OPPOSED BLADE VOLUME CONTROL DAMPER.
2. PROVIDE DUCT TRANSISTIONS AS REQUIRED TO CONNECT EXHAUST DUCT TO DISHWASHER.
3. INSTALL AN 18x18 BELL-ENDED INLET WITH WIRE MESH SCREEN, EXTENDING 8 INCHES BEYOND WALL OPENING SHARED WITH DINING HALL. TRANSITION TO A 16x16 CONNECTION TO TAF-1. SEE DETAIL TRANSFER AIR FAN DETAIL.

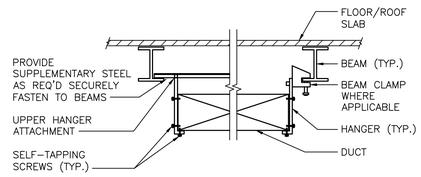
2 HVAC PLAN

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



3 CEILING DIFFUSER CONNECTION DETAIL

N.T.S.



DUCT HANGING NOTES:

1. FOR DUCTS NOT EXCEEDING 2 SQ. FT. IN CROSS-SECTIONAL AREA, HANGERS SHALL BE OF METAL NOT LESS THAN 1" BY 1/16".
2. FOR DUCTS LARGER THAN 2 SQ. FT. IN CROSS-SECTIONAL AREA, HANGERS SHALL BE OF METAL NOT LESS THAN 1" BY 1/8".
3. FOR ALL DUCTS, HANGERS SHALL BE TURNED UNDER & FASTENED TO THE BOTTOM OF DUCT AS SHOWN.
4. FOR ALL DUCTS, HANGERS SHALL BE SPACED NOT MORE THAN 6' ON CENTERS.
5. SEE PROJECT MANUAL FOR APPROVED UPPER HANGER ATTACHMENTS AND ACCEPTABLE ALTERNATE SUPPORT METHODS.

4 DUCT HANGING DETAIL

N.T.S.

3 INCHES WHEN PLOTTED TO SCALE

NO.	DATE	DESCRIPTION
–	2/2/26	ISSUED FOR BID

DESIGN CONSULTANT:

FPM ENGINEERING & GEOLOGY, P.C.

640 JOHNSON AVENUE, SUITE 101
BOHEMIA, N.Y. 11716
(631)737-6200

DESIGNED FOR:

PURCHASE COLLEGE STATE UNIVERSITY OF NEW YORK

735 ANDERSON HILL ROAD PURCHASE, NY 11577

PROJECT TITLE AND LOCATION:

UPGRADE SCULLERY MAIN DINING HALL

PURCHASE COLLEGE – 735 ANDERSON HILL ROAD PURCHASE, NY 11577

PROJECT NO: **1400g-23-02**

DRAWING TITLE:

MECHANICAL PLANS

DESIGN BY: FPM	DRAWING NO. M-101
DRAWN BY: DGG	
CHECK BY: CMS	
SCALE: AS NOTED	
DATE: 5/20/2025	SHEET 2 of 6

GENERAL ELECTRICAL NOTES:

1. REFER TO ALL OTHER DRAWINGS FOR ADDITIONAL ELECTRICAL WORK AND REMOVALS.
2. THE ELECTRICAL INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL RULES, REGULATIONS, AND CODES OR ANY AUTHORITIES HAVING JURISDICTION.
3. THE ENTIRE ELECTRICAL INSTALLATION SHALL FULLY MEET THE REQUIREMENTS OF THE NEC, NFPA, NY STATE BUILDING CODE, LIFE SAFETY CODE, AND ALL OTHER APPLICABLE CODES.
4. ALL ELECTRICAL EQUIPMENT SHALL BE GROUNDED IN FULL ACCORDANCE WITH NEC AND LOCAL POWER COMPANY REQUIREMENTS AND BE UL LISTED.
5. PROVIDE AND FULLY COORDINATE ALL ASPECTS OF THE WORK WITH OTHER CONTRACTORS, PARTICULARLY REGARDING EQUIPMENT, PIPING, CONDUIT, LIGHTING, AND DUCTING PLACEMENT.
6. ALL CHANGES AFFECTING COORDINATION SHALL BE ACCEPTED BY D.R. PRIOR TO IMPLEMENTATION, AND RE-COORDINATION ILLUSTRATED FOR ALL MODIFICATIONS.
7. TRACE OUT AND CONFIRM EXISTING CIRCUITS SHOWN TO BE REMOVED OR REUSED.
8. ANY EXISTING CIRCUITS CALLED OUT TO BE DISCONNECTED OR REMOVED AND NOT REUSED SHALL BE MARKED AS SPARE AT THE EXISTING ELECTRIC PANEL.
9. REPAIR ANY DAMAGE TO STRUCTURES, UTILITIES, ETC., INCURRED DURING THE WORK WHETHER INCIDENTAL OR ACCIDENTAL.
10. INSTALL WORK TO BE READILY ACCESSIBLE FOR OPERATING, MAINTENANCE, AND REPAIR.
11. ALL BRANCH CIRCUIT WIRING SHALL BE COPPER #12 AWG MINIMUM, WITH THHN INSULATION RATED FOR 90°C.
12. ALL CIRCUITS SHOWN TO BE BRANCH CIRCUITS OF 2#12 + #12G – 3/4" C, UNLESS OTHERWISE NOTED.
13. ALL RACEWAY FOR BRANCH CIRCUIT & POWER WIRING SHALL BE SURFACE-MOUNTED OR CEILING-HUNG EMT OR RMC.
14. PASS RACEWAYS OVER WATER, STEAM, OR PIPING WHERE PULL BOXES ARE NOT REQUIRED, WITH NO RACEWAY WITHIN 3 INCHES OF STEAM OR HOT WATER PIPES.
15. PROVIDE PULL BOXES WHERE INDICATED, REQUIRED BY CODE, AND WHEREVER NECESSARY TO FACILITATE WIRE PULLING—COORDINATE PULL BOX LOCATIONS WITH OTHER TRADES.
16. SUPPORT PANEL, JUNCTION, AND PULL BOXES INDEPENDENTLY TO BUILDING STRUCTURE, ENSURING NO WEIGHT-BEARING ON RACEWAYS.
17. GROUNDING: ALL WORK SHALL BE PERMANENTLY AND EFFECTIVELY GROUNDED, WHETHER OR NOT CONNECTIONS ARE EXPLICITLY SHOWN OR SPECIFIED. GROUND RESISTANCE AT ANY POINT SHALL NOT EXCEED 25 OHMS.
18. INSTALL WORK TO BE READILY ACCESSIBLE AND MINOR DEVIATIONS FROM DRAWINGS MAY BE MADE TO ENSURE ACCESSIBILITY.
19. PROVIDE SUPPLEMENTARY STEEL AND FASTENINGS FOR EQUIPMENT AND RACEWAY SUPPORT, INCLUDING TEMPORARY SUPPORTS.
20. WALL MOUNT ALL DEVICES AT 48" A.F.F., UNLESS OTHERWISE NOTED.
21. PULL NO THERMOPLASTIC WIRES AT TEMPERATURES BELOW 32°F (0°C). PROVIDE CABLE SUPPORTS FOR RISER CONDUITS PER CODE REQUIREMENTS.
22. LEAVE SUFFICIENT WIRE SLACK FOR FINAL CONNECTIONS. RACEWAYS OVER 10 FEET LONG WITHOUT WIRING MUST HAVE FISH WIRE PROVIDED.
23. COVERS OF JUNCTION AND PULL BOXES SHALL BE READILY ACCESSIBLE.
24. ALL INSTRUMENTS, EQUIPMENT, AND ELECTRICAL SYSTEMS SHALL BE TESTED AND PROVED ELECTRICALLY AND MECHANICALLY WITHOUT DEFECTS.
25. THE ELECTRICAL SYSTEM SHALL BE TESTED FOR GROUNDS AND SHORTS, AND IF ISSUES ARISE, ALL SHORTED OR GROUNDED WIRES SHALL BE REPLACED AND RETESTED.
26. ALL METERS, CABLES, AND EQUIPMENT REQUIRED FOR TESTING SHALL BE PROVIDED UNDER THIS CONTRACT.

ABBREVIATIONS

A/B–XXX	SEE DETAIL A ON DRAWING B–XXX
A	AMP
A.F.F.	ABOVE FINISHED FLOOR
AWG	AMERICAN WIRE GAUGE
C	CONDUIT
CKT	CIRCUIT
CTE	CONNECT TO EXISTING
DIA	DIAMETER
D.R.	DIRECTOR'S REPRESENTATIVE
EMT	ELECTRICAL METALLIC TUBING
ETR	EXISTING TO REMAIN
EX.	EXISTING
FT.	FEET
G	GROUND
MC	METAL-CLAD CABLE
N.E.C.	NATIONAL ELECTRICAL CODE
N.F.P.A.	NATIONAL FIRE PROTECTION ASSOCIATION
N.T.S.	NOT TO SCALE
RMC	RIGID METALLIC CONDUIT
SWD	SWITCH DUTY
THHN	THERMOPLASTIC HIGH HEAT-RESISTANT NYLON-COATED
U.L.	UNDERWRITERS LABORATORY
U.O.N.	UNLESS OTHERWISE NOTED
V	VOLT OR VOLTAGE
W	WATT
W/	WITH

SYMBOL LEGEND

- REMOVE EXISTING ITEM
- LIGHT FIXTURE TO BE REMOVED
- (1) KEYED NOTE NUMBER
- A — ELECTRICAL PANEL 'A' SEE PLANS FOR LOCATION
- J — JUNCTION BOX
- NON-FUSED DISCONNECT SWITCH
- 1P HOMERUN
- 3P HOMERUN

LUMINAIRE SCHEDULE

MARK	SYMBOL	DESCRIPTION	WATTAGE
VTL–1		"LITHONIA LIGHTING" CSVT L48 – 4' FT. LED T8 VAPOR TIGHT FIXTURE, REMOVABLE LAMPS, LED LUMENS 5,000, SURFACE MOUNTED OR APPROVED EQUAL	(2) 22WATTS
		ALTERNATIVE "HAWKEYE" PL–VT4–2LED44WL – 4' FT. LED T8 VAPOR TIGHT FIXTURE, REMOVABLE LAMPS, LED LUMENS 5700, SURFACE MOUNTED OR APPROVED EQUAL	

RACEWAY SCHEDULE

LOCATION	INSTALLATION	RACEWAY
INTERIOR	EXPOSED, UNFINISHED	ELECTRIC METALLIC TUBING (EMT) WITH COMPRESSION FITTINGS
	EXPOSED, FINISHED	RMC WITH APPROVAL FROM ENGINEER ONLY AFTER PROOF THAT ALL OTHER OPTIONS HAVE BEEN EXHAUSTED.
	CONCEALED, FINISHED	MC OR OTHER APPROVED MEANS

3 INCHES WHEN PLOTTED TO SCALE

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STATE OF NEW YORK · CHRISTOPHER M. SCHWARZ · 081979 · LICENSED PROFESSIONAL ENGINEER

DESIGNED FOR:

PURCHASE COLLEGE
STATE UNIVERSITY
OF NEW YORK

735 ANDERSON HILL ROAD
PURCHASE, NY 11577

PROJECT TITLE AND LOCATION:

UPGRADE SCULLERY
MAIN DINING HALL

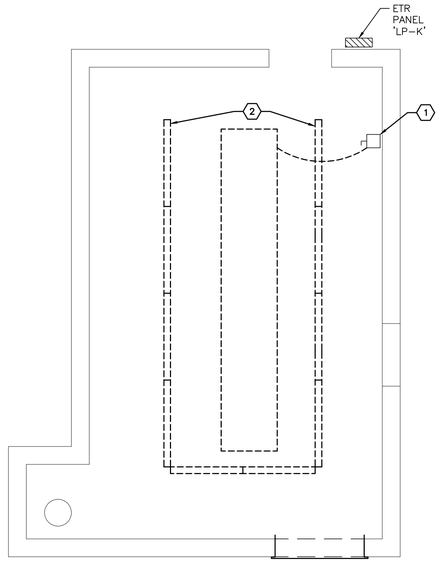
PURCHASE COLLEGE –
735 ANDERSON HILL ROAD
PURCHASE, NY 11577

PROJECT NO: 1400g-23-02

DRAWING TITLE:

ELECTRICAL NOTES, LEGENDS, AND ABBREVIATIONS

DESIGN BY: FPM	DRAWING NO. E–001
DRAWN BY: DGG	
CHECK BY: CMS	
SCALE: AS NOTED	
DATE: 5/20/2025	SHEET 5 of 6

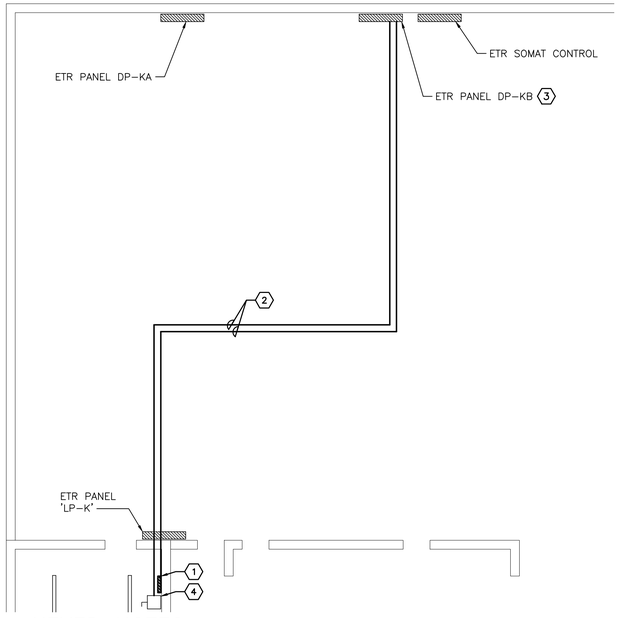


KEYED NOTES:

1. REMOVE DISCONNECT AND RELATED LOAD SIDE RACEWAY AND WIRING SERVING DISHWASHER IN ITS ENTIRETY. REMOVE LINE SIDE FEED TO NEAREST CONCEALED JUNCTION BOX AND LABEL AS SPARE AT SOURCE PANEL.
2. REMOVE IN-CEILING LIGHTING FIXTURES AND RELATED RACEWAY AND WIRING. TEMPORARILY SPLICE WIRING TO MAINTAIN CIRCUIT CONTINUITY TO ANY OTHER ETR LIGHTING FIXTURES ON THE CIRCUIT. PANEL LP-K IS SOURCE.

1 ELECTRICAL REMOVALS PLAN

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

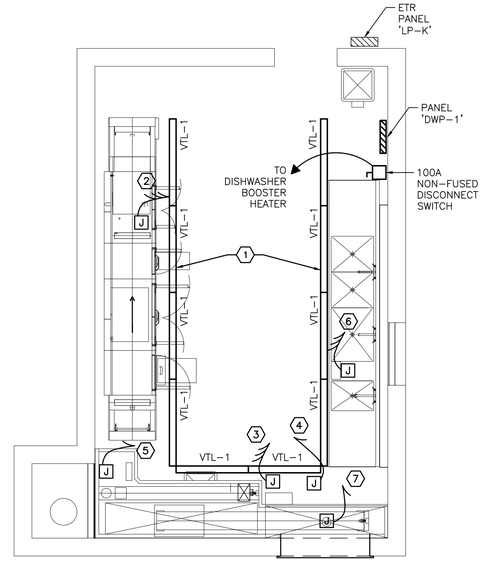


KEYED NOTES:

1. PROVIDE PANEL DWP-1 PER SCHEDULE.
2. ROUTE 3#2+#8G-1¼"C ABOVE HUNG CEILING FROM ETR PANEL 'DP-KB' TO PANEL 'DWP-1' & 100A NON-FUSED DISCONNECT.
3. CONNECT TO EXISTING SPARE 100A 3-PHASE BREAKERS WITHIN PANEL AND UPDATE PANEL SCHEDULE.
4. PROVIDE 100A NON-FUSED DISCONNECT IN NEMA 3R ENCLOSURE TO SERVE DISHWASHER HOT WATER BOOSTER HEATER.

3 ELECTRICAL PART POWER PLAN

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



KEYED NOTES:

1. PROVIDE CEILING-MOUNTED LIGHTING FIXTURES IN DESIGNATED LOCATIONS. ROUTE AND SECURE RACEWAY AND WIRING TO MAINTAIN CIRCUIT CONTINUITY FROM EXISTING SPLICE POINT
2. ROUTE HOMERUN FROM JUNCTION BOX SERVING DISHWASHER BLOWER DRYER TO PANEL 'DWP-1' CKT'S 1,3,5. PROVIDE 3#6+#10G-1"C.
3. ROUTE HOMERUN FROM JUNCTION BOX SERVING TROUGH COLLECTOR TO PANEL 'DWP-1' CKT'S 7,9,11. PROVIDE 3#14+#14G-3/4"C.
4. ROUTE HOMERUN FROM JUNCTION BOX SERVING INLINE FAN ABOVE CEILING TO PANEL 'DWP-1' CKT 8. PROVIDE 2#12+#12G-3/4"C.
5. ROUTE HOMERUN FROM JUNCTION BOX SERVING CONVEYOR CONTROL PANEL TO PANEL 'DWP-1' CKT 10. PROVIDE 2#12+#12G-3/4"C.
6. ROUTE HOMERUN FROM JUNCTION BOX SERVING VORTEX PUMP TO PANEL 'DWP-1' CKT'S 2,4,6. PROVIDE 3#10+#10G-3/4"C.
7. ROUTE HOMERUN FROM JUNCTION BOX SERVING CONVEYOR LIGHTS TO PANEL 'DWP-1' CKT 12. PROVIDE 2#12+#12G-3/4"C.

2 ELECTRICAL PLAN

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

PANEL DWP-1

VOLTAGE: 208	PHASE: 3		WIRE: 3	LOCATION: DISHWASHING ROOM	
MAIN RATING: 100A MLO			KAIC: 22	MTG: SURFACE	
CKT. NO.	DESCRIPTION	C.B.	C.B.	DESCRIPTION	CKT. NO.
1					2
3	**DISHWASHER BLOW DRYER**	50/3	30/3	**VORTEX PUMP**	4
5					6
7			15/1	**INLINE FAN**	8
9	**TROUGH COLLECTOR**	15/3	15/1	**CONVEYOR CONTROL PANEL**	10
11			15/1	**CONVEYOR LIGHTS**	12
13					14
15					16
17					18
19					20
21					22
23					24

NOTE: PROVIDE WITH NEMA 3R ENCLOSURE

3 INCHES WHEN PLOTTED TO SCALE

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735 ANDERSON HILL ROAD
PURCHASE, NY 11577

PROJECT TITLE AND LOCATION:

UPGRADE SCULLERY
MAIN DINING HALL

PURCHASE COLLEGE –
735 ANDERSON HILL ROAD
PURCHASE, NY 11577

PROJECT NO: 1400g-23-02

DRAWING TITLE:

ELECTRICAL PLANS

DESIGN BY: FPM	DRAWING NO. E-101
DRAWN BY: DGG	
CHECK BY: CMS	
SCALE: AS NOTED	
DATE: 5/20/2025	SHEET 6 of 6

GENERAL PLUMBING NOTES:

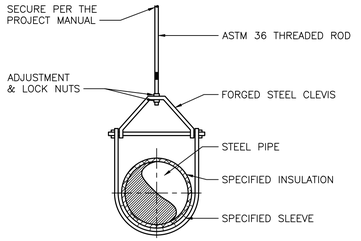
1. PROVIDE ALL ITEMS SHOWN ON DRAWINGS AND DESCRIBED IN THE PROJECT MANUAL UNLESS OTHERWISE NOTED. THE INTENT OF THE WORK IS TO HAVE A COMPLETE AND FINISHED PRODUCT.
2. DIMENSIONS AND SIZES SHOWN ARE FOR GENERAL INFORMATION PURPOSES ONLY. VERIFY ALL CONDITIONS AND DIMENSIONS IN THE FIELD BY ACTUAL MEASUREMENTS. DO NOT USE SCALED MEASUREMENTS FOR FABRICATION OF THE WORK. POSITION ALL EQUIPMENT TO MAINTAIN ALL REQUIRED ACCESSES AND SERVICES CLEARANCES.
3. ALLOWABLE WORK TIMES: 7:00AM – 4:30PM MONDAY THROUGH FRIDAY.
4. FULLY COORDINATE SERVICE SHUT–DOWN PERFORMED AS PART OF THIS PROJECT WITH THE DIRECTOR'S REPRESENTATIVE AT LEAST 72 HOURS IN ADVANCE.
5. COORDINATE ACCESS TO THE FACILITY AND THE PROJECT WORK AREAS WITH THE DIRECTOR'S REPRESENTATIVE. LIMITED ON–SITE PARKING IS AVAILABLE; AREAS WILL BE DELINEATED BY THE D.R. ALL DELIVERIES MUST BE SCHEDULED WITH THE D.R. AND THE CONTRACTOR MUST BE ON SITE TO RECEIVE DELIVERIES.
6. MAKE ALL EFFORTS TO LIMIT ANY DAMAGE TO EXISTING SURFACES OR SERVICES DURING THE COURSE OF THIS PROJECT. REPLACE ANY ITEM OR SERVICE AFFECTED BY THE WORK TO MATCH THE EXISTING ADJACENT SURFACES OR INTEGRATE INTO THE EXISTING SYSTEMS, IN A TIMELY MANNER.
7. THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL CONDITIONS AND SHALL CALL SAME TO THE ATTENTION OF THE ARCHITECT AND CONSTRUCTION MANAGER IF THEY VARY FROM THE LOCATIONS INDICATED IN THE DRAWINGS. THE DRAWINGS ARE NOT TO BE SCALED.
8. ALL PLUMBING WORK SHALL BE IN STRICT ACCORDANCE WITH THE RULES AND REGULATIONS GOVERNING PLUMBING AND DRAINAGE WORK; SHALL CONFORM TO ALL OTHER APPLICABLE REGULATIONS AND SHALL MEET REQUIREMENTS OF INSPECTING AUTHORITIES INCLUDING THE NEW YORK STATE UNIFORM BUILDING CODE.
9. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS, EXACT LOCATION SHALL BE COORDINATED WITH ALL TRADES, ARCHITECTURAL DRAWINGS, AND CONTRACTOR.
10. ALL EXPOSED PIPING PENETRATIONS THROUGH WALLS OR CEILINGS SHALL BE PROVIDED WITH APPROPRIATE FIRE RETARDANT SEALANT AND ESCUTCHEONS.
11. ALL FIXTURES TO BE SEALED WHERE FIXTURE COMES IN CONTACT WITH WALLS OR FLOOR WITH CLEAR SEALANT. PLUMBING CONTRACTOR SHALL COORDINATE ALL WORK WITH ALL OTHER CONTRACTORS
12. PERTAINING TO THE LOCATION OF PLUMBING AND DRAINAGE PIPING HVAC WORK, LIGHTING FIXTURES, AND ELECTRICAL, PROVIDE ALL NECESSARY PIPING OFFSETS AND CHANGES IN DIRECTION TO ACCOMPLISH A COMPLETE INSTALLATION.
13. PRIOR TO STARTING CONSTRUCTION. DETERMINE EXACT INVERT ELEVATION, SIZE, DEPTH AND LOCATION OF EXISTING CONDITIONS.
14. SANITARY DRAINAGE SHALL HAVE A UNIFORM GRADE OF 1/4" PER FOOT, FOR 2 1/2" AND SMALLER AND AN 1/8" PER FOOT FOR 3" OR LARGER, UNLESS OTHERWISE NOTED.
15. PROVIDE CLEANOUTS, CLEANOUTS SHALL BE SAME SIZE AS THE PIPES THEY SERVE UP TO 4 INCHES, AND NOT LESS THAN 4 INCHES FOR LARGER PIPING.
16. PROVIDE CLEANOUTS FOR CHANGES IN DIRECTION FOR ALL SANITARY PIPING.
17. COORDINATE ALL WORK WITH ARCHITECTURAL LAYOUTS, INCLUDING CEILING HEIGHTS.

ABBREVIATIONS

A/B–XXX	SEE DETAIL A ON DRAWING B–XXX
DCW	DOMESTIC COLD WATER
DHW	DOMESTIC HOT WATER
ETR	EXISTING TO REMAIN
FD	FLOOR DRAIN
HVAC	HEATING, VENTILATING & AIR CONDITIONING
IOM	INSTALLATION, OPERATION, & MAINTENANCE MANUAL
N.T.S.	NOT TO SCALE
SAN	SANITARY

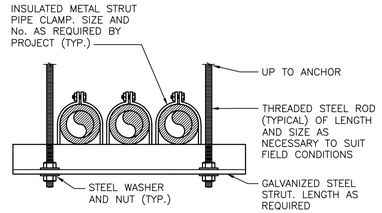
SYMBOL LEGEND

- PROVIDE ITEM
- DCW — DOMESTIC COLD WATER
- DHW — DOMESTIC HOT WATER
- DHR — DOMESTIC HOT WATER RECIRCULATION PIPING
- SAN — SANITARY DRAIN
- V — VENT PIPING
- L — STORM WATER PIPING
- SF — SLURRY FEED PIPING
- SR — SLURRY RETURN PIPING
- FLOW DIRECTION
- ELBOW UP
- ELBOW DOWN
- SIDE CONNECTION
- (1) KEYED NOTE NUMBER
- POINT OF CONNECTION TO EXISTING
- POINT OF DISCONNECTION
- SHUT–OFF VALVE

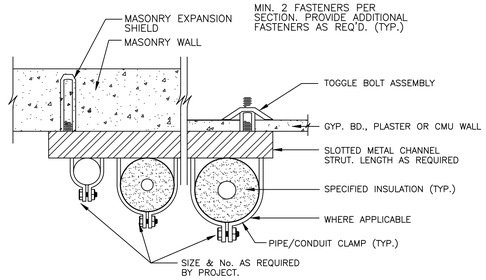


NOTE: FOR DIFFERENT PIPING MATERIALS OR OTHER ACCEPTABLE HANGING METHODS CONSULT PROJECT MANUAL

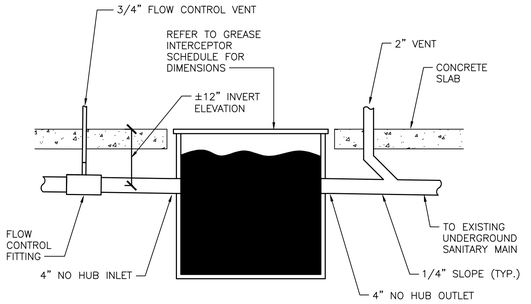
1 PIPE HANGING DETAIL
N.T.S.



2 CEILING MOUNTED PIPING RACK DETAIL
N.T.S.



3 PIPE RACK DETAIL–WALL MOUNTING
NTS



4 GREASE INTERCEPTOR DETAIL
NTS

PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	DCW CONNECTION	DHW CONNECTION	DRAIN
DSHW–1	DISHWASHER	–	3/4"	2"
VWS–1	VORTEX WASH SYSTEM	(2)3/4" (1)1/2"	(2)3/4" (1)1/2"	(3)2" (1)1–1/2"
CON–1	CONVEYOR SYSTEM	(2)1/2"	(2)1/2"	1–1/2"
TC–1	TROUGH COLLECTOR	1/2"	1/2"	2"

MINIMUM PIPE INSULATION

FLUID OPERATING TEMPERATURE (°F)	INSULATION CONDUCTIVITY BTU–IN/(H(SQ.FT.)°F)	NOMINAL PIPE SIZE (IN.)		
		<1	1 TO 1½	1½ TO <5
> 350	0.32 – 0.34	4.5	5	5
251 – 350	0.29 – 0.32	3	4	4.5
201 – 250	0.27 – 0.3	2.5	2.5	2.5
141 – 200	0.25 – 0.29	1.5	1.5	2
105 – 140	0.21 – 0.28	1	1	1.5
40 – 60	0.21 – 0.27	0.5	0.5	1
< 40	0.2 – 0.26	0.5	1	1

PIPE SCHEDULE

SYMBOL	PIPE SERVICE	PIPE MATERIAL	PIPE GAUGE	FITTING TYPE	REMARKS
DCW/DHW	DOMESTIC WATER	COPPER	COPPER: TYPE "L"	COPPER: SWEAT	AT ALL LOCATIONS
SAN	SANITARY WASTE	CAST IRON	SCH. 40	NO–HUB COUPLINGS	AT ALL LOCATIONS
VENT	VENT PIPING	CAST IRON	SCH. 40	NO–HUB COUPLINGS	AT ALL LOCATIONS

FLOOR SINK SCHEDULE

TAG	LOCATION	TYPE	SIZE	MATERIAL	OUTLET SIZE (IN)	MANUFACTURER	MODEL
FS–1	DISHWASHING ROOM	CAST IRON	12"x12"x6"	ACID RESISTANT ENAMEL	3"	ZURN	Z1900

GREASE INTERCEPTOR SCHEDULE

TAG	MANUFACTURER	MODEL	SIZE (GPM)	INLET/OUTLET PIPE SIZE	TYPE	DIMENSIONS (LxWxH)	REMARKS
GI–1	ZURN	GT2700–75	75	4	RECESSED IN FLOOR	40–1/4"x28–5/8"x22–3/4"	1,3,4,5
GI–2	ZURN	GT2700–50	50	4	RECESSED IN FLOOR	30–3/8"x24–1/2"x21–1/2"	2,3,4,5

1. FLOW CONTORL FITTING — ZURN Z1108, 1108L
2. FLOW CONTROL FITTING — ZURN Z1108
3. CONFIRM MAINTENANCE ACCESS
4. PROVIDE EXTENSION SECTION
5. PROVIDE HEAVY–DUTY STAINLESS STEEL COVER

3 INCHES WHEN PLOTTED TO SCALE

NO.	DATE	DESCRIPTION
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735 ANDERSON HILL ROAD
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PROJECT NO: 1400g–23–02

DRAWING TITLE:
PLUMBING NOTES, ABBREVIATIONS, AND SCHEDULES

DESIGN BY: FPM	DRAWING NO. P–001
DRAWN BY: DGG	
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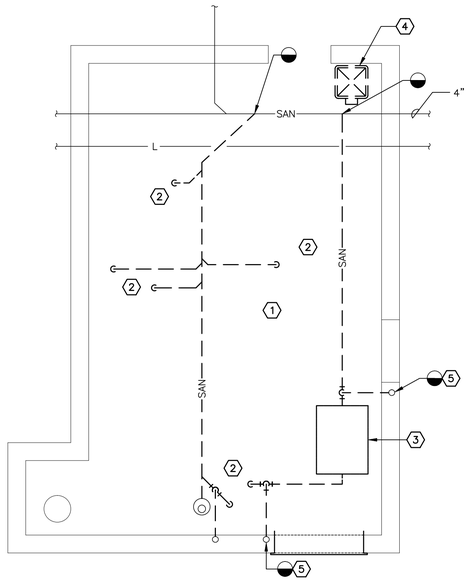
SCALE: AS NOTED	
DATE: 5/20/2025	SHEET 3 of 6

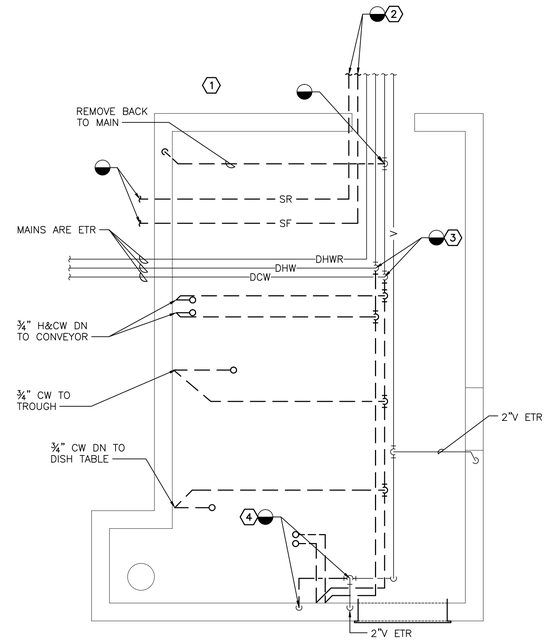


KEYED NOTES:

1. CHOP AND REMOVE POURED CONCRETE FLOOR THROUGHOUT ROOM AS NEEDED.
2. REMOVE EXISTING PIPING, FLOOR DRAINS, AND UNDERGROUND COMPONENTS RENDERED OBSOLETE BY SCOPE OF WORK. ENSURE PROPER DISCONNECTION, EXCAVATION, AND ROUGH-IN OF PROPOSED WORK.
3. PUMP OUT REMAINING CONTENTS OF EXISTING GREASE TRAP, DISCONNECT PIPING, AND EXCAVATE AROUND UNIT FOR SAFE EXTRACTION. UTILIZE EXCAVATED SPACE TO ROUTE PROPOSED UNDERGROUND PIPING.
4. REMOVE EXISTING SINK WHILE PRESERVING DCW, DHW, DRAIN, & VENT CONNECTIONS FOR REUSE.
5. REMOVE EXISTING VENT PIPING BACK TO VENT RISER AT WALL. CAP RISER AT TERMINATION POINT TO FACILITATE SEAMLESS INTEGRATION WITH PROPOSED WORK.

1 UNDERGROUND PIPING REMOVALS PLAN

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

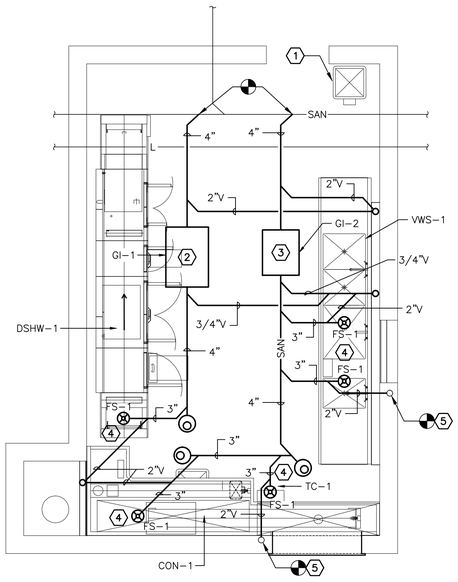


KEYED NOTES:

1. DISCONNECT & REMOVE EXISTING 3-COMPARTMENT SINK IN KITCHEN. CAP ASSOCIATED DOMESTIC WATER, DRAIN, & VENT PIPING.
2. REMOVE SF & SR PIPING BACK TO POINT LOCATED ON PLAN AND CAP.
3. REMOVE DCW & DHW PIPING BACK TO POINT LOCATED ON PLAN.
4. REMOVE VENT PIPING BACK TO POINT LOCATED ON PLAN.

2 ABOVE GROUND PIPING REMOVALS PLAN

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



KEYED NOTES:

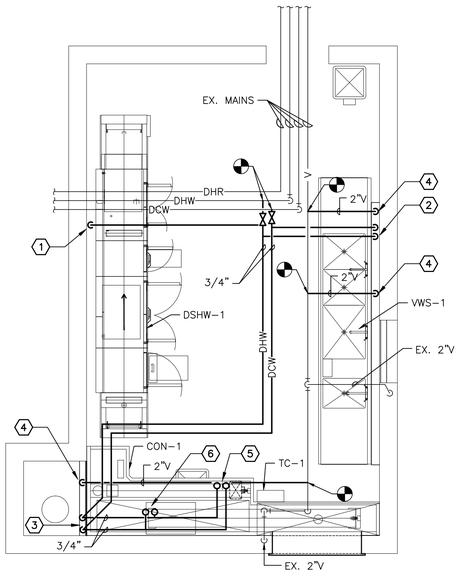
1. RECONNECT HAND SINK TO EXISTING DCW, DHW, DRAIN, & VENT
2. PROVIDE & INSTALL 75 GPM GREASE INTERCEPTOR RECESSED IN FLOOR. ENSURE PROPER INLET, OUTLET, AND VENT PIPING CONNECTIONS. MAINTAIN REQUIRED CLEARANCE FOR MAINTENANCE ACCESS.
3. PROVIDE & INSTALL 50 GPM GREASE INTERCEPTOR RECESSED IN FLOOR. ENSURE PROPER INLET, OUTLET, AND VENT PIPING CONNECTIONS. MAINTAIN REQUIRED CLEARANCE FOR MAINTENANCE ACCESS.
4. INDIRECT WASTE SPILL TO FLOOR SINK.
5. CONNECT 2" VENT TO EXISTING VENT RISER WITHIN WALL.

GENERAL NOTE:

1. COORDINATE FLOOR DRAIN LOCATIONS WITH EQUIPMENT IOM'S

3 UNDERGROUND PIPING PLAN

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



KEYED NOTES:

1. 3/4" DHW DN TO SERVE DISHWASHER.
2. 3/4" DCW & 3/4" DHW DN TO SERVE VORTEX WASH SYSTEM.
3. 3/4" DCW & 3/4" DHW DN WALL. EXIT LOW TO GROUND AND RUN ALONG WALL TO SERVE CON-1 (CONVEYOR) & TC-1 (TROUGH COLLECTOR).
4. 2" VENT DN BELOW SLAB.
5. 3/4" DCW AND 3/4" DHW PIPING SERVING TC-1 (TROUGH COLLECTOR) AND CON-1 (CONVEYOR) SHALL BE REDUCED TO 1/2" AT CONNECTION POINTS.
6. 1/2" DCW AND 1/2" DHW PIPING SERVING CON-1 (CONVEYOR)

4 ABOVE GROUND PIPING PLAN

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

3 INCHES WHEN PLOTTED TO SCALE

NO.	DATE	DESCRIPTION
–	2/2/26	ISSUED FOR BID

DESIGN CONSULTANT:

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DESIGNED FOR:

PURCHASE COLLEGE STATE UNIVERSITY OF NEW YORK

735 ANDERSON HILL ROAD
PURCHASE, NY 11577

PROJECT TITLE AND LOCATION:

UPGRADE SCULLERY MAIN DINING HALL

PURCHASE COLLEGE –
735 ANDERSON HILL ROAD
PURCHASE, NY 11577

PROJECT NO: **1400g-23-02**

DRAWING TITLE:

PLUMBING PLANS

DESIGN BY: FPM	DRAWING NO. P-101
DRAWN BY: DGG	
CHECK BY: CMS	
SCALE: AS NOTED	
DATE: 5/20/2025	SHEET 4 of 6