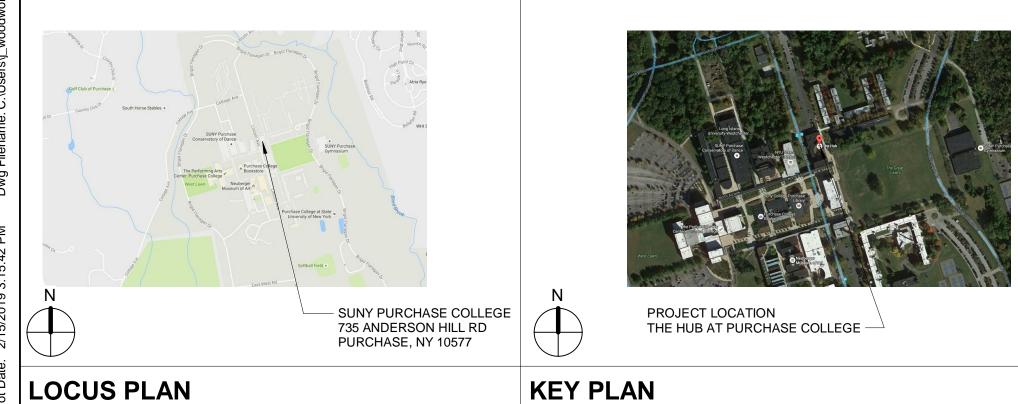


SUNY PURCHASE COLLEGE CAFE RENOVATION



735 ANDERSON HILL RD PURCHASE, NY 10577 ADD SUNY PROJECT NUMBER

ISSUED FOR: BID, FEBRUARY, 15 2019

PROJECT DESCRIPTION:

THIS PROJECT CONSISTS OF A RENOVATIONTO THE STUDENT DINING COMMONS.

THE PROJECT CONSISTS OF THE FOLLOWING WORK:

• LIMITED LOCAL DEMOLITION ONLY AS NEEDED FOR NEW CONSTRUCTION. • EXISTING DINING SPACE (BUILDING ENVELOPE AND TENANT DEMISING WALLS)

 EXISTING/ MODIFIED ROOF PER NEW HVAC • EXISTING/ MODIFIED FIRE PROTECTION NEW INTERIOR PARTITIONS AND DOORS

PROJECT DESCRIPTION PROJECT TEAM

 NEW SPECIALITY EQUIPMENT & CONNECTIONS • NEW PLUMBING AND FLOOR

PENETRATIONS • NEW ELECTRICAL DISTRIBUTION

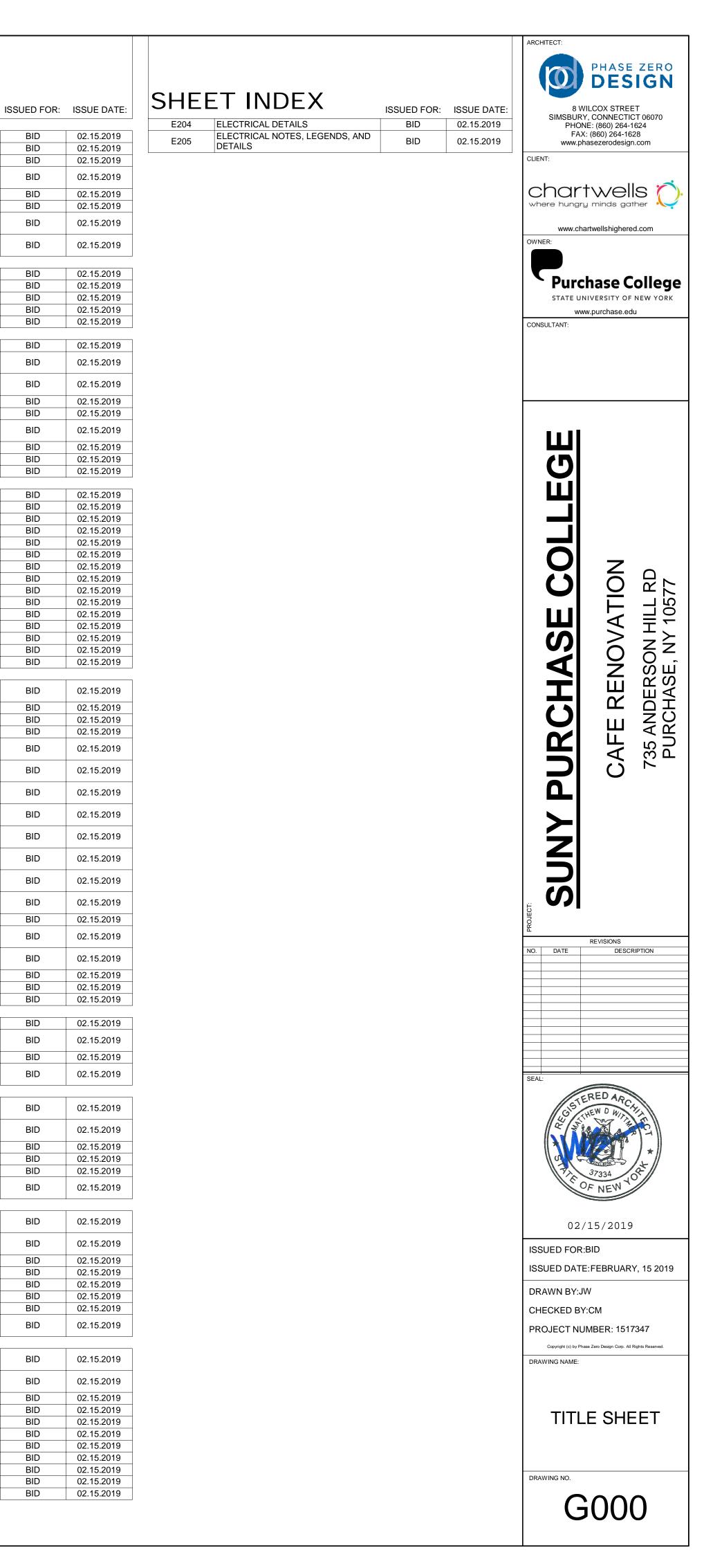
OWNER SUNY PURCHASE COLLEGE 735 ANDERSON HILL RD PURCHASE, NY 10577

ARCHITECT PHASE ZERO DESIGN 8 WILCOX STREET SIMSBURY, CT 06070 T: 860.264.1624 PROJECT MANAGER: CHRIS MILLIARD E-MAIL: cmilliard@phasezerodesign.com

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GENERAL NOTES

1. ALL WORK SHALL CONFORM TO FEDERAL, STATE AND MUNICIPAL CODES, LAWS, ORDINANCES, RULES, AND REGULATIONS. THESE SHALL SUPERSEDE DRAWINGS, NOTES AND DIMENSIONS IN ALL CASES. THE ARCHITECT SHALL BE NOTIFIED OF SUCH CHANGES BEFORE WORK IS STARTED. CONTRACTOR SHALL OBTAIN PERMITS BEFORE STARTING WORK, AND OBTAIN APPROVALS OF ALL REGULATORY AGENCIES UPON COMPLETION, AND AS REQUIRED

2. THE CONTRACT DOCUMENTS CONSIST OF THE DRAWINGS, GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION, OWNER-CONTRACTOR AGREEMENTS, SPECIFICATIONS AND ALL ADDENDA ISSUED PRIOR TO AND ALL PLAN CHANGES ISSUED AFTER EXECUTION OF THE PROJECT MANUAL.

3. UNLESS OTHERWISE INDICATED IN THE CONSTRUCTION DOCUMENTS AS BEING NOT IN CONTRACT (N.I.C.) OR EXISTING: ALL ITEMS. MATERIALS AND INSTALLATION OF SAME ARE A PART OF THE CONTRACT DEFINED BY THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL ACCESSORIES. COMPONENTS AND ASSEMBLIES REQUIRED FOR THE WORK SHOWN.

4. GENERAL CONTRACTOR SHALL SUBMIT A DETAILED PROJECT SCHEDULE AND IS SOLELY RESPONSIBLE FOR CONSTRUCTION SEQUENCING, METHODS AND TECHNIQUES.

5. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR PAYING FOR AND OBTAINING ALL PERMITS, INSPECTIONS REQUIRED TESTS AND UTILITY CONNECTIONS, TERMINATIONS, AND CAPPING UNLESS OTHERWISE NOTED.

6. ANY WORK INVOLVING ALTERATIONS TO EXISTING BUILDING UTILITIES & WHICH REQUIRE UTILITY SHUT DOWN, SHALL BE COORDINATED WITH THE OWNER AND SHALL REQUIRE A MIN. OF (5) FIVE DAYS NOTICE.

7. IN THE EVENT OF DISCREPANCIES IN THE DRAWINGS, THE COSTLIER OR MORE RESTRICTIVE CONDITIONS SHALL BE DEEMED THE CONTRACT REQUIREMENT, UNLESS OTHERWISE STATED IN WRITING, FROM THE OWNER OR OWNER'S REPRESENTATIVE. ANY DISCREPANCIES SHOULD IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.

8. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO KEEP THE PREMISES CLEAN OF DEBRIS, RUBBISH. EXCESS MATERIALS. ETC. RESULTING FROM THE WORK OF THIS CONTRACT. ALL AREAS SHALL BE BROOM CLEAN EACH WORK DAY. AT THE END OF THE JOB THE SPACE SHALL BE BROOM CLEANED ONE LAST TIME WITH ALL LABELS, STICKERS, PAINT AND WRAPPING MATERIALS REMOVED FROM FIXTURES, WINDOWS AND FLOORS AS TO REQUIRE ONLY NORMAL WASHING AND CLEANING PRIOR TO THE TURNOVER OF THE SPACE TO THE TENANT.

9. CHARGES FOR EXTRA WORK DONE BY THE CONTRACTOR WILL NOT BE HONORED UNLESS THE WORK AND THE AMOUNT ARE AGREED TO BY THE OWNER, OR THEIR AGENT, IN WRITING BEFORE THE WORK IS DONE, BASED UPON UNIT PRICING.

10. AS REQUIRED BY CODE, EACH CONTRACTOR AND EACH SUBCONTRACTOR SHALL OBTAIN REQUIRED INSPECTION OF THAT PORTION OF WORK.

11. CONTRACTOR TO COORDINATE WORK WITH THE CLIENT, INCLUDING SCHEDULING TIME AND LOCATIONS FOR DELIVERIES, BUILDING ACCESS, USE OF BUILDING SERVICES AND FACILITIES, AND USE OF ELEVATORS. COORDINATE WORK WITH OTHER CONTRACTS. MINIMIZE DISTURBANCE OF BUILDING FUNCTIONS AND OCCUPANTS, INCLUDING TRASH REMOVAL ACCESS.

12. OWNER WILL PROVIDE WORK NOTED "BY OTHERS" OR "NIC" UNDER SEPARATE CONTRACT. CONTRACTOR TO INCLUDE SCHEDULE REQUIREMENTS IN CONSTRUCTION PROGRESS SCHEDULE AND COORDINATE TO ASSURE ORDERLY SEQUENCE OF INSTALLATION.

13. CONTRACTOR TO MAINTAIN EXITS, EXIT LIGHTING, FIRE PROTECTIVE DEVICES, AND ALARMS IN CONFORMANCE WITH CODES AND ORDINANCES.

14. CONTRACTOR TO PROTECT AREA OF WORK AND ADJACENT AREAS FROM DAMAGE.

15. CONTRACTOR TO MAINTAIN WORK AREAS SECURE AND LOCKABLE DURING CONSTRUCTION.

16. PARTITIONS ARE DIMENSIONED FROM FACE OF FRAMING TO FACE OF FRAMING/MASONRY/ FOUNDATION, UNLESS OTHERWISE NOTED. MAINTAIN DIMENSIONS MARKED "CLEAR". ALLOW FOR THICKNESS OF FINISHES.

17. WHERE EXISTING ACCESS PANELS CONFLICT WITH CONSTRUCTION. CONTRACTOR TO RELOCATE PANELS TO ALIGN WITH AND FIT WITHIN NEW CONSTRUCTION.

18. CONTRACTOR TO UNDERCUT DOORS TO CLEAR TOP OF FLOOR FINISHES BY 1/4 INCH, U.O.N.

19. CONTRACTOR SHALL PROVIDE CONSTRUCTION BARRICADES OR FENCING AS REQUIRED AND AS APPROVED BY THE CITY FOR PUBLIC SAFETY PRIOR TO COMMENCING THE WORK.

20. CONTRACTOR SHALL PROVIDE TEMPORARY EXIT SIGNS TO ASSURE A MEANS OF EGRESS DURING CONSTRUCTION.

21. WHERE A TYPICAL CONDITION IS DETAILED, IT SHALL BE UNDERSTOOD THAT ALL LIKE OR SIMILAR CONDITIONS ARE THE SAME UNLESS SPECIFICALLY NOTED OR DETAILED OTHERWISE.

22. GENERAL CONTRACTOR SHALL COORDINATE SITE PLUMBING, DRAINAGE, ELECTRICAL, TELEPHONE WORK AND EXISTING UTILITIES TO PROVIDE A COMPLETE OPERATING SYSTEM.

23. CONTRACTOR SHALL PROVIDE AND INSTALL ALL STIFFENERS, BRACING, BLOCKING, BACK-UP PLATES AND SUPPORTING BRACKETS REQUIRED FOR THE INSTALLATION OF ALL CASEWORK, TOILET ROOM ACCESSORIES, FIXTURES AND PARTITIONS AND ALL WALL MOUNTED OR SUSPENDED MECHANICAL. ELECTRICAL OR MISCELLANEOUS EQUIPMENT AND FURNISHINGS.

24. THE CONTRACTOR SHALL COORDINATE THE INTENT OF THE GENERAL NOTES WITH ALL TRADES

25. SPECIFICATIONS, BOUND SEPARATELY, ARE PART OF THE CONTRACT DOCUMENTS.

26. THE ORGANIZATION OF THE DRAWINGS AND SPECIFICATIONS SHALL NOT CONTROL THE CONTRACTOR IN DIVIDING THE WORK AMONG SUBCONTRACTORS OR IN ESTABLISHING THE EXTENT OF WORK TO BE PERFORMED BY ANY TRADE.

27. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE DRAWINGS AND SPECIFICATIONS. IF CONFLICT IS FOUND BETWEEN DRAWINGS, GENERAL NOTES AND SPECIFICATIONS, CONSULT THE ARCHITECT FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.

28. CIVIL, LANDSCAPE, STRUCTURAL, MECHANICAL ELECTRICAL AND PLUMBING DRAWINGS IF ANY, ARE SUPPLEMENTARY TO THE ARCHITECTURAL DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK WITH THE ARCHITECTURAL DRAWINGS BEFORE THE INSTALLATION OF CIVIL, LANDSCAPE, STRUCTURAL, MECHANICAL, ELECTRICAL AND PLUMBING WORK. SHOULD THERE BE A DISCREPANCY BETWEEN THE ARCHITECTURAL DRAWINGS AND THE CONSULTING ENGINEERS' DRAWINGS THAT WOULD CAUSE AN AWKWARD INSTALLATION, IT SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION FOR CLARIFICATION PRIOR TO INSTALLATION OF SAID WORK. ANY WORK INSTALLED IN CONFLICT WITH THE ARCHITECTURAL DRAWINGS SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST.

29. NO DEVIATION FROM CONTRACT DRAWINGS AND SPECIFICATIONS SHALL BE MADE WITHOUT WRITTEN APPROVAL OF THE DESIGN PROFESSIONAL.

30. ALL DEMOLITION IS AS REQUIRED FOR NEW CONSTRUCTION.

31. ALL MATERIAL TO BE NEW UNLESS OTHERWISE NOTED "EXISTING"

32. MEANS AND METHODS ARE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR.

33. VERIFY KEYING REQUIREMENTS OF ALL LOCKS, BOTH NEW AND EXISTING, WITH OWNER.

34. IF REQUIRED UPON COMPLETION OF THE PROJECT, CONTRACTOR SHALL OBTAIN A CERTIFICATE OF OCCUPANCY FROM THE BUILDING DEPARTMENT.

DEMOLITION NOTES

1. THE TERM "PATCH AND REPAIR" SHALL BE DEFINED AS: THE PROCESS OF REPAIRING FLOOR, WALL, OR CEILING SURFACES THAT HAVE BEEN DAMAGED OR ARE ADJACENT TO DEMOLISHED CONSTRUCTION. THE REPAIR SHALL INCLUDE, BUT NOT BE LIMITED TO: FILLING VOIDS SOLID WITH CONCRETE, PREPARING SURFACES FOR NEW FINISH MATERIAL PER MANUFACTURER'S RECOMMENDATIONS, MATCH EXISTING FINISHES AND MATERIALS WHERE NO NEW FINISHES ARE CALLED FOR, CLOSING WALL, FLOOR OR ROOF PENETRATIONS AS DIRECTED BY ARCHITECT.

2. THE TERM "SALVAGE" SHALL BE DEFINED AS: THE PROCESS OF THE CONTRACTOR CAREFULLY REMOVING THE MENTIONED ITEM, SUCH THAT IT IS IN A USABLE CONDITION, AND STORING IT (IN LOCATION DETERMINED BY OWNER) UNTIL NEEDED FOR THE CONSTRUCTION PHASE. IF THE CLIENT DOES NOT NEED SAID ITEM CONTRACTOR SHALL DISPOSE OF PROPERLY AT NO ADDITIONAL COST.

3. DEMOLITION CONTRACTOR TO COORDINATE ALL PHASES OF DEMOLITION FOR PROJECT AND NOTIFY ARCHITECT OF ANY DISCREPANCIES OR CONFLICTING CONDITIONS WHICH WOULD INTERFERE WITH THE SATISFACTORY COMPLETION OF THE WORK, PRIOR TO THE START OF CONSTRUCTION.

4. COMPLY WITH APPLICABLE LOCAL, STATE AND FEDERAL CODES AND REGULATIONS PERTAINING TO SAFETY OF PERSONS, PROPERTY AND ENVIRONMENTAL PROTECTION.

5. GC TO VERIFY WITH PROPERTY MANAGER REQUIREMENTS FOR CONSTRUCTION BARRIER. PROVIDE AND MAINTAIN BARRICADES, LIGHTING, AND GUARDRAILS AS REQUIRED BY APPLICABLE CODES AND REGULATIONS TO PROTECT OCCUPANTS OF BUILDING AND WORKERS.

6. ERECT AND MAINTAIN DUSTPROOF PARTITIONS AS REQUIRED TO PREVENT SPREAD OF DUST, FUMES, AND SMOKE, ETC. TO OTHER PARTS OF THE BUILDING. ON COMPLETION, REMOVE PARTITIONS AND REPAIR DAMAGED SURFACES TO MATCH ADJACENT SURFACES.

THE OWNER.

8. REMOVE FROM SITE DAILY AND LEGALLY DISPOSE OF REFUSE, DEBRIS, RUBBISH, AND OTHER MATERIALS RESULTING FROM DEMOLITION OPERATIONS. LEAVE ALL AREAS BROOM CLEAN DAILY.

9. REMOVE DESIGNATED PARTITIONS, COMPONENTS, BUILDING EQUIPMENT, AND FIXTURES AS REQUIRED FOR NEW WORK, RETURN ALL F.F.& E. ITERMS TO THE OWNER.

10.REMOVE ABANDONED ELECTRICAL, TELEPHONE AND DATA CABLING AND DEVICES, U.O.N.

12.REF. ARCHITECTURAL AND MEP DRAWINGS. COORDINATE SCOPE OF DEMOLITION WITH ARCH AND MEP 13.GC TO VERIFY THE REMOVAL OF ELECTRICAL, MECHANICAL, AND PLUMBING ELEMENTS DO NOT IMPACT THE REMAINING AREAS OUTSIDE OF CONSTRUCTION SCOPE.

HVAC

15.REMOVE ABANDONED HVAC EQUIPMENT, INCLUDING DUCT WORK. DEMO EXISTING MECHANICAL DUCTS BACK TO MAIN TRUNK, VERIFY WITH MEP PRIOR TO THE START OF ANY MECHANICAL DEMO WORK.

16. REMOVE ALL ABANDONED SMOKE FIRE DAMPERS AS REQUIRED BY NEW CONSTRUCTION, INCLUDING ALL ELECTRICAL AND CONNECTIONS.

17.CONTRACTOR SHALL MAINTAIN THE INTEGRITY AND CONTINUITY OF THE EXIST. BASE BUILDING SYSTEMS AND SHALL EXERCISE CARE BY NOT DEMOLISHING, OR DISRUPTING ANY BASE BUILDING SYSTEMS. ANY DAMAGED AND/OR DISCONNECTED SERVICE SHALL BE RESTORED AT CONTRACTOR'S COST.

ELECTRICAL

18. REMOVE ALL LIGHT FIXTURES, EXIT SIGNS, LIGHT SWITCHES, POWER AND TELE/DATA OUTLETS. REMOVE ALL BRANCH CIRCUIT FEEDERS, INCLUDING CONDUITS, BOXES AND WIRING BACK TO ELECTRICAL PANELBOARDS. CONTRACTOR SHALL SWITCH ALL SPARE BREAKERS TO OFF POSITION FOR FUTURE REFERENCE. ALL ABANDONED CONDUIT AND CABLING SHALL BE COMPLETELY REMOVED BACK TO ORIGIN. VERIFY EXTEND OF WORK WITH ELECTRICAL DRAWINGS.

DEVICES IN AREAS NOT BE DEMOLISHED.

BY COLLEGE.

21. GC TO GIVE A MINUMUM OF 72 HOUR NOTICE TO COLLEGE PRIOR TO ANY SHUTDOWNS PLUMBING

22.IN DEMOLITION AREAS, UNUSED PIPING SHALL NOT BE ABANDONED "IN PLACE". PIPING SHALL BE REMOVED BACK TO SOURCE OR POINT OF DISCHARGE, AND THE RESULTING OPENINGS PLUGGED U.N.O. 23.EXISTING PLUMBING FIXTURES AND EQUIPMENT TO BE REMOVED SHALL BE DISPOSED OF BY THIS

CONTRACTOR AS DIRECTED BY THE OWNER.

24.DISCONNECT AND REMOVE EXISTING UNUSED PIPING AND FIXTURES WITHOUT INTERRUPTING EXISTING REQUIRED FUNCTIONING SYSTEMS.

25. UNUSED PIPING AND RELATED ITEMS CONCEALED IN WALLS, FLOORS AND CEILING WITHIN THE STRUCTURE SHALL BE REMOVED WHERE EXPOSED TO VIEW.

FIRE ALARM

27.ALL EXISTING FIRE ALARM EQUIPMENT TO REMAIN. WALL MOUNTED EQUIPMENT (I.E. HORN/STROBE) SHALL BE REMOVED PRIOR TO DEMOLITION OF WALL FINISH MATERIALS AN SALVAGED FOR REINSTALLATION AFTER THE NEW WALL FINISH MATERIAL HAVE BEEN INSTALLED.

TURNOVER NOTES

1. THE CONTRACTOR SHALL ARRANGE FOR ALL INSPECTIONS AND FURNISH OWNER'S REPRESENTATIVE WITH THE CERTIFICATE OF OCCUPANCY. G.C. IS ALSO TO PROVIDE A TYPE-WRITTEN LIST OF NAMES, ADDRESSES AND PHONE NUMBERS OF ALL SUBCONTRACTORS AND MATERIAL SUPPLIERS.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING THE ENTIRE SPACE CLEANED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE AT THE TIME OF TURNOVER.

3. PRIOR TO OPENING OF SPACE, CONTRACTOR IS TO ARRANGE FOR A NEBB CERTIFIED INDEPENDENT BALANCING CONTRACTOR TO BALANCE THE HVAC SYSTEM AND PROVIDE A COPY OF THE BALANCING REPORT TO THE OWNER AND LANDLORD'S REPRESENTATIVE IN A FORMAT ACCEPTABLE TO THE LANDLORD. 4. CONTRACTOR TO TURN OVER ALL KEYS TO THE OWNER'S REPRESENTATIVES AND MARK EACH KEY FOR IDENTIFICATION.

OWNER'S REPRESENTATIVE.

6. THE CONTRACTOR SHALL EXPLAIN THE OPERATION OF ALL MECHANICAL SYSTEMS TO THE OWNER'S REPRESENTATIVE AND PROVIDE COPIES OF OPERATION, MAINTENANCE AND WARRANTY MANUALS.

7. GENERAL CONTRACTOR SHALL SUBMIT ONE COMPLETE SET OF REPRODUCIBLE DRAWINGS INDICATING ALL DISCREPANCIES, CHANGES, ETC. AND ACTUAL LOCATIONS OF CONCEALED WORK (I.E., UNDERGROUND CONDUIT) TO THE OWNER'S REPRESENTATIVE. THE GENERAL CONTRACTOR SHALL ALSO SUBMIT A PHOTOCOPY OF THE ACTUAL PANEL DIAGRAM.

8. THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL WARRANTY THE WORK FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY TENANT OF FINISHED WORK. 9. THE GENERAL CONTRACTOR SHALL INSTALL NEW FILTERS IN THE HVAC UNITS AT TIME OF TURNOVER.

7. IF DEMOLITION IS PERFORMED IN EXCESS OF THAT REQUIRED, RESTORE EFFECTED AREAS AT NO COST TO

14.COORDINATE REMOVAL AND / OR RELOCATION OF MECHANICAL UNITS WITH MEP DRAWINGS. RELOCATION OF UNITS REQUIRED BY NEW CONSTRUCTION SHALL BE COORDINATED WITH DEMOLITION WORK.

19.MAINTAIN CIRCUIT CONTINUITY TO AREAS NOT AFFECTED BY WORK. CONTRACTOR SHALL REWORK BRANCH FEEDER HOME-RUNS AS REQUIRED TO KEEP CONTINUITY TO EXISTING LIGHT FIXTURES, EXIT SIGNS AND

20.GC TO MAINTAIN CLEAR PATHWAY TO EXISTING ELECTRICAL PANELS. PANELS MAY NEED TO BE ACCESSED

26.WASTE AND SANITARY DRAINAGE PIPING NOT BEING USED SHALL BE REMOVED AND PLUGGED AT ACTIVE MAIN OR RISER. NO DEAD ENDS SHALL REMAIN LONGER THAN TWO (2) FEET.

5. THE CONTRACTOR SHALL SET ALL THE TIME CLOCKS, THERMOSTATS, ETC. PER THE REQUIREMENTS OF THE

ACCESSIBILITY NOTES

1. IN ALL BUILDINGS, FLOORS OF A GIVEN STORY SHALL BE A COMMON LEVEL THROUGHOUT, OR SHALL BE CONNECTED BY PEDESTRIAN RAMPS, PASSENGER ELEVATORS OR SPECIAL ACCESS LIFTS. 2. FLOOR SURFACES SHALL BE SLIP-RESISTANT.

3. ALL CORRIDORS SERVING AN OCCUPANT LOAD OF 10 OR MORE SHALL BE NOT LESS THAN 44" IN WIDTH. 4. ABRUPT CHANGES IN LEVEL ALONG ANY ACCESSIBLE ROUTE SHALL NOT EXCEED 1/2" IN HEIGHT. LEVEL

CHANGES NOT EXCEEDING 1/4" MAY BE VERTICAL. BEVEL OTHERS W/ A SLOPE NO GREATER THAN 1:2

5. LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE, PANIC BARS, PUSH-PULL ACTIVATING BARS OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE. MOUNT DOOR OPENING HARDWARE BETWEEN 30" AND 44" ABOVE FLOOR FINISH.

6. MAXIMUM PULL OR PUSH EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 POUNDS FOR EXTERIOR DOORS AND 5 POUNDS FOR INTERIOR DOORS, MEASURED AT RIGHT ANGLES TO HINGED DOORS AND AT CENTER PLANE OF SLIDING OR FOLDING DOORS, CORRESPONDING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS. MAXIMUM EFFORT TO OPERATE REQUIRED FIRE DOORS MAY BE INCREASED NOT TO EXCEED 15 POUNDS.

7. THE BOTTOM 10" OF ALL DOORS (EXCEPT SLIDING AND AUTOMATIC) SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION. PROVIDE A 10" HIGH SMOOTH PANEL ON THE PUSH SIDE OF NARROW FRAME DOORS.

8. EVERY REQUIRED ENTRANCE OR PASSAGE DOORWAY SHALL BE NOT LESS THAN 3' IN WIDTH AND NOT LESS THAN 6'-8" IN HEIGHT. DOORS SHALL BE CAPABLE OF OPENING AT LEAST 90 DEGREES AND SHALL BE SO MOUNTED THAT THE CLEAR WIDTH OF THE DOORWAY IS NOT LESS THAN 32".

9. WHERE A PAIR OF DOORS IS UTILIZED, AT LEAST ONE OF THE DOORS SHALL PROVIDE A CLEAR, UNOBSTRUCTED OPENING WIDTH OF 32" WITH THE LEAF POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION.

10. IDENTIFY ACCESSIBLE ENTRANCES WITH AT LEAST ONE STANDARD SIGN AND WITH ADDITIONAL DIRECTIONAL SIGNS, AS REQUIRED, VISIBLE FROM APPROACHING PEDESTRIAN WAYS.

11. THE FLOOR OR LANDING ON EACH SIDE OF AN ENTRANCE OR PASSAGE DOOR SHALL BE LEVEL AND CLEAR THE LEVEL AND CLEAR AREA SHALL HAVE A LENGTH IN THE DIRECTION OF DOOR SWING OF AT LEAST 60" AND THE LENGTH OPPOSITE THE DIRECTION OF DOOR SWING OF 44" AS MEASURED AT RIGHT ANGLES TO THE PLANE OF THE DOOR IN ITS CLOSED POSITION.

12.FLOORS OR LANDINGS SHALL BE NO MORE THAN 1/2" LOWER THAN THE THRESHOLD OF THE DOORWAY. CHANGE IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.

13.PROVIDE A CLEAR FLOOR SPACE 30" X 48" IN FRONT OF LAVATORY TO PERMIT A FORWARD APPROACH.

14. MOUNT LAVATORIES WITH A MINIMUM CLEARANCE OF 29" FROM THE FLOOR TO THE BOTTOM OF THE APRON. PROVIDE KNEE CLEARANCE UNDER THE FRONT LIP EXTENDING A MINIMUM OF 30" IN WIDTH WITH 8" MINIMUM WIDTH, AND SHALL BE A MINIMUM OF 9" HIGH FROM THE FLOOR A MINIMUM OF 17" DEEP FROM THE FRONT OF THE LAVATORY.

14.FAUCET CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 POUNDS. LEVER OPERATED, PUSH TYPE AND ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGNS. SELF CLOSING ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS.

15. INSULATE OR OTHERWISE COVER HOT WATER AND DRAIN PIPES UNDER LAVATORIES.

16.IF APPLICABLE, LOW DRINKING FOUNTAIN BUBBLER SHALL BE ACTIVATED BY ANNUALLY OPERATED SYSTEM NOT REQUIRING A FORCE GREATER THAN 51bf THAT IS LOCATED WITHIN 6 INCHES OF THE FRONT EDGE OF THE FOUNTAIN OR AN ELECTRONICALLY CONTROLLED DEVICE.

17.IF APPLICABLE, THE BUBBLER OUTLET ORIFICE SHALL BE LOCATED WITHIN 6" OF THE FRONT OF THE LOW DRINKING FOUNTAIN AND SHALL BE WITHIN 36" OF THE FLOOR. THE WATER STREAM FROM THE BUBBLER SHALL BE SUBSTANTIALLY PARALLEL TO THE FRONT EDGE OF THE DRINKING FOUNTAIN.

QUALITY ASSURANCE/ QUALITY CONTROL NOTES

1. THE G.C. SHALL REVIEW ALL DOCUMENTS AND CONFIRM THAT THE WORK CAN BE BUILT AS SHOWN. IN THE EVENT OF ANY CONFLICTS OR OMISSIONS WITHIN THE DRAWINGS, G.C. TO CONTACT TENANT'S PROJECT MANAGER & ARCHITECT FOR CLARIFICATION PRIOR TO THE PERFORMANCE OF ANY WORK IN QUESTION.

2. UPON POSSESSION OF THE TENANT'S SPACE, THE G.C. IS TO FIELD VERIFY ALL DIMENSIONS USING THE CONSTRUCTION DOCUMENTS. DO NOT SCALE THE DRAWINGS. DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALES SHOWN ON DRAWINGS. IF ANY DISCREPANCIES EXIST, G.C. TO MARK UP THE DRAWINGS TO REFLECT THE ACTUAL CONDITION. FORWARD THEM TO THE ARCHITECT WITHIN (3) DAYS FOR REVIEW & CLARIFICATION AS REQUIRED.

3. UPON POSSESSION OF THE SPACE AND PRIOR TO SUBMITTING BIDS, THE G.C. IS TO VERIFY THE EXISTING CONDITIONS OF THE SPACE INCLUDING BUT NOT LIMITED TO SLAB CONDITION AND ANY ISSUES THAT MAY EFFECT TENANT'S NEW FINISH FLOOR, CONDITION OF LANDLORD'S DEMISING WALL AND ANY OBSTRUCTIONS THAT MAY EXIST AND BE OF ISSUE. IF ANY ISSUES EXIST, CONTACT ARCHITECT AND TENANT'S PROJECT MANAGER.

4. DRAWINGS ARE INTENDED TO CONVEY DESIGN INTENT ONLY. CONTRACTOR AND/OR FABRICATOR SHALL HAVE SOLE RESPONSIBILITY FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK TO PRODUCE THE INTENT OF THE DRAWINGS. CONTRACTOR/FABRICATOR IS SOLELY RESPONSIBLE FOR STRUCTURAL INTEGRITY AND PERFORMANCE OF ALL ELEMENTS.

5. ANY DEVIATION FROM THE INTENT OF THE DRAWINGS MUST BE APPROVED BY ARCHITECT & TENANT'S CONSTRUCTION MANAGER.

6. CONTRACTOR TO CONDUCT SITE MEETINGS AND WRITE MEETING MINUTES AT FREQUENCY AS DIRECTED BY OWNER, UNLESS OTHERWISE DIRECTED BY OWNER OR OWNER'S REPRESENTATIVE. CONTRACTOR AND ALL SUB-CONTRACTORS MUST BE PRESENT, UNLESS WAIVED BY OWNER.

7. CONTRACTOR TO SUBMIT WEEKLY PROGRESS REPORTS THAT INCLUDE A SUMMARY OF THAT WEEK'S WORK, A ONE WEEK LOOK AHEAD FORECAST OF WORK TO BE DONE (INCLUDING INSPECTION IF APPLICABLE), AND GENERAL PHOTOS DEPICTING THE CURRENT STATE OF WORK.

8. EXCEPT AS MORE STRINGENT REQUIREMENTS ARE INDICATED ON THESE DRAWINGS AND IN THESE NOTES, COMPLY WITH GENERALLY ACCEPTED INDUSTRY STANDARDS AND INSTALL PRODUCTS IN STRICT COMPLIANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS.

9. WHEN EVALUATING APPEARANCE OR CONFORMANCE WITH DESIGN INTENT. THE WORDS "ACCEPTABLE". "VISIBLE", "INVISIBLE", "MATCHING", "ALIGNED", AND SIMILAR TERMS OF JUDGMENT SHALL MEAN "ACCEPTABLE, ETC., IN THE OPINION OF THE ARCHITECT OR OWNER".

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING AND FAMILIARIZING THEMSELVES WITH ALL DOCUMENTATION RELATED TO OR PERTAINING TO THIS PROJECT INCLUDING BUT NOT LIMITED TO: CONSTRUCTION DRAWINGS (STARTING WITH THE FIRST ISSUE AS WELL AS ALL SUBSEQUENT REVISIONS), SPECIFICATIONS, BULLETINS, ADDENDA AND/OR SKETCHES, SHOP DRAWINGS AND CUT SHEETS. THE CONTRACTOR IS ALSO RESPONSIBLE FOR PROVIDING ALL OF THE BEFORE MENTIONED DOCUMENTATION TO ALL SUB-CONTRACTOR TRADES INVOLVED WITH THIS PROJECT AND TO MAKE SURE THEY ARE FAMILIAR WITH ALL CONDITIONS AND SCOPE OF WORK AS THEY RELATE TO THIS JOB. THE BEFORE MENTIONED PROJECT DOCUMENTATION, IN ITS ENTIRETY, REPRESENTS THE FULL SCOPE OF WORK ASSOCIATED WITH THIS PROJECT. AS SUCH, SCOPE OF WORK OR INFORMATION RELATIVE TO A PARTICULAR SUB-CONTRACTOR THAT IS NOT SHOWN ON SPECIFIC TRADE DOCUMENTS (BUT SHOWN ELSEWHERE WITHIN THE PROJECT DOCUMENTATION) DOES NOT RELIEVE THAT SUB-CONTRACTOR OF RESPONSIBILITY FOR INCLUSION OF THAT SCOPE OF WORK OR INFORMATION WITHIN THE SUB CONTRACTOR'S BID.

FINISH NOTES

1. ENSURE SURFACES TO RECEIVE FINISHES ARE CLEAN, TRUE, AND FREE OF IRREGULARITIES. DO NOT PROCEED WITH WORK UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED. 2. REPAIR EXISTING SURFACES TO REMAIN AS REQUIRED FOR APPLICATION OF NEW FINISHES.

3. ANY REQUEST FOR MATERIAL SUBSTITUTIONS ARE TO BE SENT TO ARCHITECT AND/OR CLIENT FOR APPROVAL PRIOR TO PURCHASE AND INSTALLATION. SAMPLES OF ALL FINISHES MUST BE SUBMITTED AND MUST BE APPROVED BY ARCHITECT & TENANT'S CONSTRUCTION MANAGER.

4. WIPE CLEAN ALL SURFACES WITH DAMP CLOTH.

5. RETOUCH OR REFINISH SURFACES DAMAGED BY SUBSEQUENT WORK AS DIRECTED BY GC. THE COST OF SUCH RESTORATION WORK SHALL BE BORNE BY SUB CONTRACTOR.

6. THE GC SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL FINISHES IN THE SPACE PRIOR TO TURNOVER. G.C. SHALL TOUCH UP ALL CORNER BEADS, WALLS, CEILING AND FLOORING AS REQUIRED PRIOR TO TURNOVER AND ANY DAMAGE CAUSED BY OTHER TRADES INCLUDING MILLWORK VENDOR.

7. EXAMINE ALL SURFACES TO BE PAINTED UNDER THIS CONTRACT TO VERIFY THAT WORK OF OTHER TRADES IS IN SATISFACTORY CONDITION TO RECEIVE SPECIFIED FINISH.

9. GYPSUM WALL BOARD SURFACES SHALL BE WIPED WITH A DAMP CLOTH JUST PRIOR TO APPLICATION OF THE FIRST COAT OF PAINT IN ORDER TO LAY FLAT ANY NAP WHICH MAY HAVE FORMED IN SANDING.

8. USE CLEAR CAULK BETWEEN MILLWORK AND GWB IF REQUIRED TO CREATE A SMOOTH FINISH.

10. PAINTING SUBCONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OR REMOVAL & REINSTALLATION OF HARDWARE, SWITCH / OUTLET COVERS, ETC. TO PROTECT FROM PAINTING.

11.ALL PAINTED SURFACES TO RECEIVE (1) COAT PRIMER & (2) COATS FINISH PAINT (MINIMUM) WITH ADDITIONAL COATS AS REQUIRED FOR PROPER COVERAGE.

12.AT COMPLETION OF PAINTING, ALL PAINT MATERIALS & EQUIPMENT SHALL BE REMOVED. ALL PAINT SPOTS REMOVED AND ALL AREAS THOROUGHLY CLEANED. ANY DIRT OR DEBRIS CAUSED BY WORK SHALL BE CLEANED UP AS WORK PROGRESSES.

13.ALL FINISHED FLOORING TO BE PROTECTED BY G.C. FOLLOWING INSTALLATION.

14.ALL INTERIOR FINISHES (WALL, FLOOR, AND CEILING), FURNISHINGS, AND MILLWORK ARE TO BE CLASS 'A' FIRE-RATED AND ARE TO COMPLY WITH CODE-REQUIRED (INTERIOR FLAME SPREAD) RATINGS

15. G,C. TO PROVIDE LEVEL 4 DRYWALL FINISH THROUGHOUT SPAN. U.O.N.

FIRE / LIFE SAFETY NOTES

1. FIRE PROTECTION EQUIPMENT AND SERVICE ACCESS MUST BE PROVIDED DURING THE CONSTRUCTION PERIOD AS REQUIRED BY THE COUNTY.

2. PROVIDE PORTABLE FIRE EXTINGUISHERS WITH A RATING OF NOT LESS THAN 2-A WITHIN 75 FOOT TRAVEL DISTANCE TO ALL PORTIONS OF THE PROJECT, AND ADDITIONAL EXTINGUISHERS AS REQUIRED BY CAMPUS CODE ENFORCEMENT OFFICER.

3. ALL FIRE-RATED ASSEMBLES SHALL BE INSTALLED, LABELED, AND INSPECTED IN ACCORDANCE WITH THE APPLICABLE BUILDING CODE WHEN REQUIRED.

4. EVERY EXIT DOOR SHALL BE OPERABLE FROM THE INSIDE WITH ONE MOTION THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT. SPECIAL LOCKING DEVICES SHALL BE OF AN APPROVED TYPE. ALL NEW DOORS SHALL HAVE APPROVED LEVER HANDLES.

5. DOORS OPENING INTO REQUIRED 1-HOUR, FIRE-RESISTIVE CORRIDORS SHALL BE PROTECTED WITH A SMOKE OR DRAFT STOP ASSEMBLY HAVING A 20-MINUTE RATING AND SHALL BE SELF-CLOSING.

6. 20-MINUTE DOOR JAMBS TO BE TIGHT-FITTING, SMOKE AND DRAFT CONTROLLED.

7. PROVIDE FIRE DAMPERS OR DOORS WHERE AIR DUCTS PENETRATE FIRE-RATED WALLS OR CEILINGS.

8. STORAGE, DISPENSING OR USE OF ANY FLAMMABLE OR COMBUSTIBLE LIQUIDS, FLAMMABLE GAS AND HAZARDOUS SUBSTANCES SHALL COMPLY WITH GOVERNING FIRE CODE REGULATIONS. 9. WOOD BLOCKING SHALL BE FIRE TREATED IN ACCORDANCE WITH APPLICABLE CODE

REQUIREMENTS.

10.EXTEND OR MODIFY EXISTING FIRE / LIFE SAFETY SYSTEM AS REQUIRED TO PROVIDE AN APPROVED FIRE / LIFE SAFETY SYSTEM FOLLOWING CLIENTS APPROVAL. SUBMIT PLANS TO CLIENT WITH COMPLETE DESCRIPTION OF SEQUENCE OF OPERATION, AND OBTAIN APPROVAL PRIOR TO INSTALLATION.

11.LOCATE THE CENTER OF FIRE ALARM INITIATING DEVICES 48" ABOVE THE LEVEL OF THE FLOOR. WORKING PLATFORM, GROUND SURFACE OR SIDEWALK, IN ACCORDANCE WITH APPLICABLE CODE REQUIREMENTS.

REFLECTED CEILING NOTES

1. SUPPORT LIGHT FIXTURES AND AIR DIFFUSERS DIRECTLY BY WIRES TO THE STRUCTURE ABOVE. 2. LOCATE REGISTERS AND LIGHTING FIXTURES WITHIN GRID LINES. CENTER SPRINKLER HEADS,

SPEAKERS, RECESSED FIXTURES, AND SIMILAR CEILING ELEMENTS IN ACOUSTICAL UNITS, U.O.N. 3. FINISH HVAC DIFFUSERS, TRIM PIECES, AND SPEAKER GRILLES TO MATCH ADJACENT FINISH, U.O.N.

4. ALL LIGHT FIXTURES SHALL BEAR UL LABELS.

12.CEILING HEIGHT DIMENSIONS ARE TO FINISHED SURFACES.

5. CONTRACTOR TO USE LASER FOR LEVELING OF ALL SOFFITS, CEILINGS AND SUSPENDED GRIDS. 6. ALL FIXTURES TO BE INSTALLED IN ACOUSTIC CEILINGS TO BE CENTERED IN CEILING GRID, U.O.N.

7. HANGER WIRE AT SUSPENDED GYP BD CEILINGS TO BE 8 GA.; HANGER WIRE AT SUSPENDED ACOUSTICAL CEILINGS TO BE 10 GA.

8. HANGER WIRES SHALL BE ATTACHED TO STRUCTURAL STEEL ONLY W/ U.L. LISTED CLAMPS. DO NOT HANG SUPPORT WIRES FROM MECHANICAL EQUIPMENT OR PIPING. NO SCREWS PERMITTED IN METAL DECKING.

9. ALL SUSPENDED CEILING SYSTEMS TO BE INSTALLED PER INDUSTRY STANDARDS, ALL CODE REQUIREMENTS, AND ALL RECOMMENDATIONS OF THE MANUFACTURER OF THE SYSTEM. 10.ALL LIGHT FIXTURES, HVAC EQUIPMENT AND DIFFUSERS SHALL BE SUPPORTED FROM THE TOP CHORD OF THE JOIST AND/OR STRUCTURAL MEMBERS ABOVE.

11.GC SHALL VERIFY ALL CEILING HEIGHTS, AND CONFIRM THAT THE WORK CAN BE BUILT AS SHOWN. IN THE EVENT OF ANY CONFLICTS OR OMISSIONS WITHIN THE DRAWINGS, GC TO CONTACT ARCHITECT FOR CLARIFICATION PRIOR TO THE PERFORMANCE OF ANY WORK IN QUESTION.

13.IF THE SPACE ABOVE THE SUSPENDED CEILING IS USED AS A RETURN AIR PLENUM, THEN ALL EQUIPMENT AND WIRING (COMMUNICATION, POWER ETC) SHALL BE LISTED FOR INSTALLATION IN A PLENUM.



MILLWORK NOTES

. ALL MILLWORK SHALL BE PROVIDED BY OTHERS (N.I.C.), HOWEVER THE GC SHALL BE RESPONSIBLE FOR SCHEUDLING, PREPING, BLOCKING, AND CONNECTING ALL REQUIRED UTILITIES AND EQUIPMENT TO MILLWORK.

2. MILLWORK CONTRACTOR TO SITE VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.

3. TOP OF MILLWORK COUNTERS SHALL NOT EXCEED 34" ON THE PUBLIC SIDE, TYP.

4. G.C. IS RESPONSIBLE FOR SUPPLYING & INSTALLING ALL SITE REQUIREMENTS (IN WALL BLOCKING, ETC.) FOR MILLWORK. COORDINATE ALL REQUIREMENTS WITH VENDOR(S).

5. SHOP DRAWINGS MUST BE SUBMITTED AND APPROVED BY ARCHITECT & TENANT'S CONSTRUCTION MANAGER FOR APPROVAL PRIOR TO FABRICATION WHEN REQUIRED.

6. ALL MILLWORK IS TO CONFORM TO A.W.I./A.W.M.A.C. PREMIUM STANDARDS.

7. MILLWORK VENDOR TO COORDINATE WITH OTHER TRADES AND PROVIDE CONCEALED GROUNDS & OR BLOCKING AS REQUIRED. PROVIDE CUTOUTS FOR OUTLETS AND EQUIPMENT AS REQUIRED. VERIFY ALL DIMENSIONS PRIOR TO FABRICATION.

8. G.C. TO PROVIDE ADDITIONAL CUTOUTS AS REQUIRED IN VENDOR SUPPLIED MILLWORK. ALL MODIFICATIONS TO BE PERFORMED BY A QUALIFIED FINISH CARPENTER. ALL CUTS TO BE PLACED TO MINIMIZE VISIBILITY. NO ADDITIONAL MODIFICATION TO MILLWORK WILL ABE ALLOWED WITHOUT PRIOR APPROVAL FROM TENANT'S PROJECT MANAGER.

9. ALL FINISHED VENEERED WOOD SHALL BE FREE FROM KNOTS, SHAKES AND OTHER DEFECTS AFFECTING EITHER DURABILITY OR APPEARANCE, & SHALL BE CAREFULLY SELECTED FOR GRAIN & COLOR FOR MARKED VARIATIONS AT JOINTS BETWEEN VENEERS.

10.NO FIELD FINISHING OTHER THAN MINOR TOUCH-UPS OF MILLWORK WILL BE PERMITTED.

11.ALL MILLWORK HARDWARE TO BE FURNISHED & INSTALLED BY MILLWORK VENDOR.

12.MILLWORK VENDOR TO FURNISH & INSTALL RUBBER BUMPERS ON ALL DOORS AND DRAWERS. 13.ALL BLOCKING TO BE FRT

14.ALL SURFACES TO BE FINISHED. NO EXPOSED SURFACES WILL BE ACCEPTED.

15.MILLWORK CONTRACTOR TO SEAL AND CAULK AROUND ALL PENETRATIONS, CRACKS, CREVICES AND ANY OTHER OPENINGS CAPABLE OF HARBORING INSECTS OR RODENTS.

16.MILLWORK CONTRACTOR TO ENSURE COUNTER FITS SNUG WITH SURROUNDING SITE AND MILLWORK CONDITIONS. IF NECESSARY SCRIBE COUNTER ON SITE.

17.MILLWORK CONTRACTOR TO ENSURE ALL SPECIFIED EQUIPMENT FITS INTO COUNTER AS NOTED. CHECK ALL MANUFACTURER'S SPECIFICATIONS PRIOR TO FABRICATION.

18.COORDINATE ALL CUTOUTS & FINAL LOCATIONS WITH KITCHEN EQUIPMENT CONTRACTOR, TYP. 19.1/2" X 1/2" STAINLESS STEEL CORNER GUARDS ALL EXPOSED MILLWORK CORNERS, TYP.

20.FIXED EQUIPMENT AND MILLWORK TO BE SEALED, USING APPROVED CLEAR SILICONE SEALANT, TO FLOORS, WALLS AND COUNTER TOPS AS REQUIRED.

21.INSTALLATION OF EQUIPMENT AND MILLWORK TO INCLUDE PROPER SPACING TO ALLOW FOR CLEANING.

22.AFTER WORK IS COMPLETED ALL MILLWORK AND/OR EQUIPMENT WILL BE CLEANED AND SANITIZED BEFORE OPERATIONS COMMENCE.

23.NO MATERIAL SUBSTITUTIONS WILL BE PERMITTED WITHOUT PRIOR AUTHORIZATION FROM ARCHITECT.

EQUIPMENT NOTES

1. ALL EQUIPMENT SHALL BE PROVIDED BY OTHERS (N.I.C.), HOWEVER, THE GC SHALL BE RESPONSIBLE FOR SCHEDULING, PREPARING, BLOCKING, & ROUGH IN UTLITIES TO ALL EQUIPMENT.

2. ALL MOUNTING HEIGHTS TO BE VERIFIED WITH EQUIPMENT SPECIFICATIONS PRIOR TO INSTALLATION OF SERVICES.

3. GENERAL CONTRACTOR TO PRE-WIRE ALL COUNTERS PRIOR TO INSTALLATION AND FINAL CONNECTIONS MADE ON SITE BY G.C.

4. ALL EXPOSED UTILITY LINES AND PIPES SHALL BE INSTALLED IN A WAY THAT DOES NOT OBSTRUCT OR PREVENT THE CLEANING OF FLOORS, WALLS AND CEILING AREA. MINIMUM 6" OFF FLOORS.

5. ELECTRICAL ENGINEER TO BE RESPONSIBLE FOR ALL CONCERNS AND ARRANGEMENTS REGARDING PENETRATIONS INTO THE FLOOR AND WALL. BUILDING OWNER TO APPROVE PRIOR TO CONSTRUCTION.

ELECTRICAL ENGINEER TO PROVIDE G.F.I. RECEPTACLES AS REQUIRED BY THE LOCAL BUILDING CODE.

7. ALL EQUIPMENT REQUIRING HOT/COLD WATER CONNECTION C/W SHUT OFF VALVES.

8. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH LOCAL BUILDING CODES.

9. ALL ITEMS OF FOOD SERVICE EQUIPMENT SHALL BE FABRICATED AND INSTALLED IN STRICT ACCORDANCE WITH THE LATEST STANDARDS PUBLISHED BY THE NATIONAL SANITATION FOUNDATION (NSF), OR THE EQUIVALENT; AND IN STRICT COMPLIANCE WITH ALL APPLICABLE NATIONAL, STATE AND/OR LOCAL CODES AND STANDARDS.

10.ALL PLUMBING AND ELECTRICAL WORK, LABOR AND MATERIAL, REQUIRED TO CONNECT THIS EQUIPMENT IS TO BE FURNISHED BY THE GENERAL CONTRACTOR UNLESS SPECIFICALLY CALLED FOR IN "ITEMIZED SPECIFICATIONS". THE WORK DONE BY CONTRACTOR IS TO INCLUDE ROUGHING-IN TO POINTS INDICATED ON ROUGHING-IN PLANS, FINAL CONNECTIONS FROM ROUGH-IN POINT TO VARIOUS PIECES OF EQUIPMENT REQUIRING SUCH CONNECTIONS, AND THE SUPPLYING OF ALL NECESSARY MATERIALS AND LABOR FOR THIS WORK EXCEPT AS NOTED OTHERWISE.

11.ALL EXISTING HVAC, SPRINKLERS AND OTHER SERVICES TO BE RELOCATED AS REQUIRED BY MECHANICAL AND ELECTRICAL ENGINEER TO MEET ALL STANDARDS, CODES AND BYLAWS SET FORTH BY LOCAL GOVERNING AUTHORITIES.

12.GENERAL CONTRACTOR TO SITE VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.

13.THE GENERAL CONTRACTOR SHALL SEAL AND CAULK AROUND ALL PENETRATIONS, CRACKS, CREVICES AND ANY OTHER OPENINGS CAPABLE OF HARBORING INSECTS OR RODENTS.

14.IT SHALL BE THE RESPONSIBILITY OF THE FOOD SERVICE EQUIPMENT BIDDERS TO INFORM THE FOOD SERVICE CONSULTANT OF ANY DISCREPANCIES FOUND WITHIN THESE DOCUMENTS TO INCLUDE: WRITTEN SPECIFICATIONS, DRAWINGS OR SCHEDULES, TO ALLOW AN OPPORTUNITY FOR THE CONSULTANT TO PREPARE AN ADDENDUM TO CORRECT SUCH DISCREPANCIES. BIDDING ON A KNOWN DISCREPANCY WITH THE INTENTION OF EQUIPMENT SUBSTITUTION OR PRICE GOUGING THROUGH CHANGE ORDERS WILL NOT BE TOLERATED.

15.MECHANICAL AND ELECTRICAL CONTRACTOR TO BE RESPONSIBLE FOR ALL CONCERNS AND ARRANGEMENTS REGARDING PENETRATIONS INTO THE CEILING.

16.GENERAL CONTRACTOR TO LIAISE WITH STRUCTURAL ENGINEER PRIOR TO COMMENCEMENT OF DEMOLITIONS

17.ENSURE THE SAFETY OF THE WORKS AND OF THE PUBLIC DURING DEMOLITION WORK.

18.BEFORE STARTING DEMOLITION WORK ARRANGE FOR THE APPROPRIATE AUTHORITIES TO REMOVE ALL SERVICES FROM THE AREA

19.CONTRACTOR TO FAMILIARIZE HIMSELF WITH ALL SERVICES PRIOR TO COMMENCEMENT OF THE DEMOLITION PHASE.

20.ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH LOCAL BUILDING CODE

21. CONSTRUCTION DOCUMENTS INCLUDE DRAWINGS AND WRITTEN SPECIFICATIONS, WHICH SHOULD BE REASONABLY CORRECT, HOWEVER THEIR ACCURACY IS NOT GUARANTEED. SHOULD DISCREPANCIES OCCUR THEY SHALL BE BROUGHT TO THE ATTENTION OF THE FOOD SERVICE CONSULTANT AND/OR PROJECT ARCHITECT IN ORDER FOR THE CONFLICT TO BE CLARIFIED IN AN OFFICIAL REQUEST FOR INFORMATION.

HEALTH/ HUMAN SERVICES NOTES

1. ALL WALL SURFACES IN FOOD SERVICE AREAS OR AROUND 3 COMPARTMENT SINK AND THE MOP SINK WHERE WATER, GREASE, STEAM, HEAT OR SPLASH/FOOD SPLATTER ARE PRESENT SHALL BE SMOOTH, DURABLE, EASILY CLEANABLE AND NON-ABSORBANT.

2. THE CEILING FINISHES FOR AREAS SUBJECT TO MOISTURE SUCH AS FOOD PREPARATION, DISHWASHING, FOOD ITEMS STORAGE AREAS AND TOILET ROOMS SHOULD BE SMOOTH, DURABLE, EASILY CLEANABLE, AND NON-ABSORBANT.

ABSORBANT, AND EASILY CLEANABLE.

4. ALL EQUIPMENT SHALL MEET NSF DESIGN STANDARDS.

5. GENERAL CONTRACTOR TO SEAL AND CAULK AROUND ALL PENETRATIONS, CRACKS, CREVICES AND ANY OTHER OPENINGS CAPABLE OF HARBORING INSECTS OR RODENTS.

6. PROVIDE STORAGE FOR CLEANING EQUIPMENT AND SUPPLIES (MOPS, BROOMS, BUCKETS). AFTER USE, MOPS SHALL BE PLACED IN A POSITION THAT ALLOWS THEM TO AIR-DRY WITHOUT SOILING WALLS, EQUIPMENT, OR SUPPLIES, INSTALL A MOP RACK AT THE MOP SINK AREA.

7. POISONOUS OR TOXIC MATERIALS SHALL BE STORED SO THEY CANNOT CONTAMINATE FOOD. EQUIPMENT. UTENSILS, LINENS, AND SINGLE-SERVICE AND SINGLE-USE ARTICLES. DEDICATED RACK/SHELF SHALL BE PROVIDED FOR THESE ITEMS.

8. EMPLOYEE BELONGINGS AND CLOTHING SHALL NOT BE STORED IN FOOD PREP, FOOD STORAGE, AND COOKING AREAS. HOOKS AND/OR LOCKERS FOR EMPLOYEE CLOTHING AND BELONGINGS (I.E. PURSE, COATS, BOOTS, UMBRELLAS, ETC.) SHALL BE PROVIDED BY TENANT.

9. THE LIGHT INTENSITY SHALL BE AT LEAST 50 FOOT CANDLES (540 LUX) AT ANY SURFACE WHERE AN EMPLOYEE IS WORKING WITH FOOD OR WORKING WITH UTENSILS WHERE EMPLOYEE SAFETY IS A FACTOR.

10.ALL FOOD SERVICE EQUIPMENT THAT IS DIRECTLY CONNECTED TO THE POTABLE WATER SUPPLY SYSTEM MUST BE EQUIPPED WITH AN APPROPRIATE BACKFLOW PREVENTION DEVICE TO PREVENT CONTAMINATION OF THE WATER SUPPLY.

11.ALL LIGHTING IN FOOD SERVICE AREAS MUST BE SHIELDED, ROUGH-SKIN COATED OR SHATTERPROOF TO PROTECT FOOD FROM CONTAMINATION. THIS INCLUDES PENDANTS, TRACK, AND RECESS LIGHTS.

ELECTRICAL/ TELEPHONE NOTES

1. ALL ELECTRICAL WORK, LABOR AND MATERIAL, REQUIRED TO CONNECT THIS EQUIPMENT IS TO BE FURNISHED BY CONTRACTOR UNLESS SPECIFICALLY CALLED FOR IN "ITEMIZED SPECIFICATIONS". THE WORK DONE BY CONTRACTOR IS TO INCLUDE ROUGHING-IN TO POINTS INDICATED ON ROUGHING-IN PLANS, FINAL CONNECTING FROM ROUGH-IN POINT TO VARIOUS PIECES OF EQUIPMENT REQUIRING SUCH CONNECTIONS, AND THE SUPPLYING OF ALL NECESSARY MATERIALS AND LABOR FOR THIS WORK EXCEPT AS HEREINAFTER NOTED.

2. UTILITIES SHOWN ON ARCHITECT'S DRAWINGS ARE FOR REFERENCE ONLY. SEE ELECTRICAL ENGINEERS' DRAWINGS FOR ANY ADDITIONAL INFORMATION. FINAL CONNECTIONS OF EQUIPMENT TO BUILDING'S UTILITY SYSTEMS TO BE BY APPROPRIATE ELECTRICAL TRADES.

3. FINAL CONNECTIONS TO ALL EQUIPMENT SHALL BE BY THE ELECTRICAL CONTRACTOR, INCLUDING ALL REQUIRED MATERIALS SUCH AS DISCONNECTS, BOXES, OUTLETS (EXCEPT AS FURNISHED AS PART OF THE EQUIPMENT), RIGID CONDUIT, FLEXIBLE CONDUIT, WIRING, ETC.

4. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL THE FOLLOWING:

a. ALL JUNCTION BOXES, ELECTRICAL OUTLETS, COVER PLATES, SWITCHES, ETC. NOT BUILT INTO FIXTURES OR EQUIPMENT. ALL OUTLETS, JUNCTION BOXES, COVER PLATES, ETC. IN FOOD SERVICE AREAS MUST BE MOISTURE PROOF

FABRICATED EQUIPMENT.

5. PROVIDE COMPUTER GRADE, CLEAN GROUND SERVICE FOR ELECTRONIC CASH REGISTERS. PROVIDE EMPTY CONDUIT BETWEEN CASH REGISTER LOCATIONS TO ALLOW UNITS TO BE TIED TOGETHER. REFER TO ARCHITECTURAL PLANS FOR CLOCKS, INTERCOM, TIME CLOCKS, POINT OF SALE (POS), CASH MACHINERY AND OTHER ITEMS LOCATED IN FOOD SERVICE AREA BUT NOT INCLUDED IN THE FOOD SERVICE EQUIPMENT

CONTRACT. PRIOR TO INSTALLATION, VERIFY CASH REGISTER POWER REQUIREMENTS WITH WNER/OPERATOR. 6. ELECTRICAL COMPONENTS MUST NOT INTERFERE WITH THE OPERATION OF THE EQUIPMENT IT SERVICES. 7. ALL LINE AND DISCONNECT SWITCHES, SAFETY CUT-OUTS, CONTROL PANELS, FUSE BOXES, OR OTHER ELECTRICAL CONTROLS, FITTINGS, AND CONNECTIONS NOT FURNISHED AS A STANDARD PART OF THE FIXTURE BY THE MANUFACTURER TO BE FURNISHED AND INSTALLED UNDER ELECTRICAL CONTRACT. STARTING SWITCHES PROVIDED BY EQUIPMENT CONTRACTOR AND FURNISHED LOOSE AS STANDARD BY FOOD SERVICE EQUIPMENT MANUFACTURERS (OTHER THAN CUSTOM FABRICATED ITEMS) IS TO BE MOUNTED AND WIRED

COMPLETE UNDER ELECTRICAL CONTRACT.

9. PRIOR TO CORING SLAB, REVIEW LOCATIONS WITH ARCHITECT AND COORDINATE LOCATIONS WITH OWNER. ALL LOCATIONS SHALL BE MARKED FOR LANDLORD APPROVAL PRIOR TO CORING.

10.CONTRACTOR TO COORDINATE INSTALLATION OF TELECOMMUNICATIONS, DATA AND SECURITY SYSTEMS. 11. VERIFY EQUIPMENT SPECIFICATIONS, POWER AND INSTALLATION REQUIREMENTS WITH MANUFACTURER TO

ENSURE PROPER FIT AND FUNCTION.

12. VERIFY MOUNTING REQUIREMENTS OF ELECTRICAL, TELEPHONE AND OTHER EQUIPMENT. PROVIDE NON-COMBUSTIBLE BLOCKING WITHIN WALLS AS REQUIRED FOR PROPER EQUIPMENT INSTALLATION.

13.GANG ADJACENT LIGHT SWITCHES AND COVER WITH A SINGLE PLATE. 14.INDICATED DIMENSIONS ARE TO THE CENTER LINE OF OUTLET OR SWITCH, OR CLUSTER OF OUTLETS OR

SWITCHES, UNLESS OTHERWISE NOTED. 15.INSTALL OUTLETS ON OPPOSITE SIDES OF PARTITIONS IN SEPARATE STUD CAVITIES. DO NOT INSTALL BACK-TO-BACK.

16.PROVIDE MATCHING COVER PLATES, RECEPTACLES AND RELATED ITEMS. PROVIDE ONE-PIECE TYPE GANG COVER PLATES, UNLESS OTHERWISE NOTED.

17. IDENTIFY DEDICATED OR ISOLATED GROUND ELECTRICAL OUTLETS WITH A RED DOT.

18.MOUNT STANDARD WALL OUTLETS, SWITCHES AND THERMOSTATS AT HEIGHTS REQUIRED BY AND ADA GUIDELINES, UNLESS OTHERWISE NOTED. WHEN THERMOSTATS AND LIGHT SWITCH OCCUR TOGETHER, INSTALL BOTH ALIGNED HORIZONTALLY WITH CENTER LINE AT +3'-2" ABOVE FINISHED FLOOR.

20.ALL ELECTRICAL AND TELEPHONE WORK TO BE INSTALLED IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF ALL ELECTRICAL CODES, NATIONAL BOARD OF FIRE UNDERWRITERS, UTILITY COMPANIES, TELEPHONE COMPANIES, THE LANDLORD, AND ALL OTHER AUTHORITIES HAVING JURISDICTION. 21.THE GC SHALL PROVIDE ALL CUTTING AND PATCHING OF FLOORS, WALLS AND CEILING AS REQUIRED.

22.U.O.N. ALL DEVICES (TELEPHONE, DATA, ELECTRIC, SWITCH) SHALL BE WHITE WITH WHITE COVER PLATES AND ALL EXISTING OUTLETS TO REMAIN TO RECEIVE NEW WHITE DEVICES WITH WHITE COVER PLATES. 23.ALL SURFACES WITH EXISTING OUTLETS BEING REMOVED SHALL BE PATCHED FLUSH WITH ADJACENT WALL SURFACES.

24.PROVIDE BREAKER LOCKS FOR A.C. UNITS AND POS/PHONE SYSTEMS. 25.ALL TELEPHONE OUTLETS SHALL BE PROVIDED WITH TWO (2) PULL STRINGS BACK TO THE TELEPHONE EQUIPMENT.

26.U.O.N, ALL ELECTRICAL, TELEPHONE, AND DATA OUTLETS ARE TO BE MOUNTED 15" A.F.F. 27.CENTERLINE TO CENTERLINE DIMENSIONS OF ANY OUTLET PAIR OR GROUP SHALL NOT EXCEED 6". 28. ALL CERCUIT BREAKER PANELS SHALL BE LABELED TO SHOW WHAT EACH BREAKER ACTIVATES. 29. GC SHALL COORDINATE ALL ELECTRICAL TEL NOTES WITH TRADES AND ELECTRICAL TELE DRAWINGS.

3. THE FLOOR FINISH IN ALL FOOD PREPARATION OR WAREWASHING AREAS SHALL BE SMOOTH, DURABLE, NON-

b. ALL PLUGS AND CORDS SHALL BE N.E.M.A. RATED AND U.L. APPROVED FOR MANUFACTURED AND

c. DISCONNECTS OR OTHER DEVICES AS MAY BE REQUIRED BY LOCAL/STATE/NATIONAL CODES.

8. ELECTRICAL SUB TO VERIFY SERVICE PROVIDED IS ADEQUATE, IF NOT, NOTIFY ARCHITECT IMMEDIATELY.

19.ALL OUTLETS TO BE INSTALLED AS DIMENSIONED ON THIS PLAN. ANY DISCREPANCIES BETWEEN PLAN AND EXISTING FIELD CONDITIONS TO BE CLARIFIED WITH THE ARCHITECT BEFORE COMMENCEMENT OF WORK.

PLUMBING NOTES

1. THE WORK DONE BY CONTRACTOR IS TO INCLUDE ROUGHING-IN TO POINTS INDICATED ON ROUGHING-IN PLANS, FINAL CONNECTING FROM ROUGH-IN POINT TO VARIOUS PIECES OF EQUIPMENT REQUIRING SUCH CONNECTIONS. AND THE SUPPLYING OF ALL NECESSARY MATERIALS AND LABOR FOR THIS WORK EXCEPT AS HEREINAFTER NOTED.

2. UTILITIES SHOWN ON ARCHITECT'S DRAWINGS ARE FOR REFERENCE ONLY. SEE PLUMBING ENGINEERS' DRAWINGS FOR ANY ADDITIONAL INFORMATION. FINAL CONNECTIONS OF EQUIPMENT TO BUILDING'S UTILITY SYSTEMS TO BE BY APPROPRIATE PLUMBING TRADES.

3. ALL TRAPS, GREASE TRAPS, TAIL PIECES, VALVES, STOPS, SHUT-OFFS, AND FITTINGS NECESSARY ARE TO BE FURNISHED AND INSTALLED UNDER PLUMBING CONTRACT. UNLESS SPECIFICALLY CALLED FOR UNDER ITEMIZED SPECIFICATIONS.

4. FINAL CONNECTIONS TO ALL EQUIPMENT SHALL BE BY THE PLUMBING CONTRACTOR, INCLUDING ALL REQUIRED MATERIALS SUCH AS STOPS, VALVES FILTERS, TRAPS, CHECK VALVES, PIPING, TUBING, ETC.

5. THE PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL THE FOLLOWING:

a. ALL WATER AND WASTE SERVICE TO POINT OF ROUGH-IN AS SHOWN ON PLAN. ROUGH-IN OUTLETS TO STUB 4"OUT OF WALLS AT HEIGHT INDICATED FROM FINISHED FLOOR TO CENTERLINE OF SERVICE LINE. FLOOR ROUGH-INS TO STUB UP 3" ABOVE FINISHED FLOOR OR CURBS. ALL FLOOR OPENINGS OR PENETRATIONS TO BE SEALED WATERTIGHT

b. ALL FLOOR SINKS, COMPLETE WITH TOP GRATES (AS INDICATED) AND REMOVABLE SEDIMENT BUCKETS. ALL FIXTURES TO BE SET FLUSH WITH FINISHED FLOOR, EXCEPT AS OTHERWISE NOTED.

c. ALL WASTE LINES, DIRECT OR INDIRECT, EXCEPT AS OTHERWISE NOTED. MINIMUM DIAMETER OF LINE SHALL BE AS INDICATED ON PLAN REGARDLESS OF CONNECTION, AND SHALL BE PITCHED DOWNWARD. MAINTAIN DRAIN LINES AS HIGH AS POSSIBLE (MINIMUM 6" CLEAR ABOVE FINISHED FLOOR) ABOVE FLOOR FOR SANITATION AND CLEANING. ALL WASTE LINES SHALL HAVE ADEQUATE CLEAN-OUT PROVISIONS PER LOCAL CODES.

d. ALL REQUIRED GREASE TRAPS, OUTSIDE THE BUILDING WHERE POSSIBLE, OTHERWISE BELOW OR SET FLUSH WITH THE FINISHED FLOOR. STRICT COORDINATION WITH EQUIPMENT AND LOCAL CODES REQUIRED IF GREASE TRAP IS TO BE SET ABOVE THE FLOOR OR UNDER EQUIPMENT

6. INSULATION ON ALL HOT WATER LINES WITHIN THE FOOD SERVICE AREAS. ALL SUCH LINES ARE TO BE COLOR-CODED ACCORDING TO LOCAL CODES.

7. WHERE POSSIBLE, UTILITIES SHALL BE CONCEALED WITHIN BUILDING WALLS OR COLUMN CHASES, NOT RUN ALONG WALL FACE. DO NOT STUB OUT OF FLOOR AND RUN ON THE FACE OF THE WALL.

8. ANY AND ALL EXPOSED PIPING OR FITTINGS TO BE STAINLESS STEEL, CHROME PLATED OR ENCLOSED IN A CONCEALED, MOUNTED STAINLESS STEEL CHASE.

9. ALL HORIZONTAL PIPING RUNS EXTENDED TO AND CONNECTED TO EQUIPMENT ITEMS SHALL BE AT THE HIGHEST PRACTICAL ELEVATION AND NOT LESS THAN 6" ABOVE FINISHED FLOOR SO AS TO PROVIDE CLEARANCE FOR CLEANING.

10.ALL LINES ROUTED THROUGH EQUIPMENT SHALL NOT INTERFERE WITH THE INTENDED USE OF, OR SERVICING OF THE EQUIPMENT.

11.DRINKING FOUNTAINS ARE BY MECHANICAL TRADES. VERIFY UTILITY REQUIREMENTS WITH MECHANICAL ENGINEER.

12.INDOOR GREASE TRAPS ARE TO BE RECESSED, FLUSH WITH TOP OF FINISHED FLOOR (UNLESS SPECIFIED OTHERWISE) AND REMOVAL OF COVER SHALL NOT INTERFERE WITH THE OPERATION OF EQUIPMENT ITEMS.

13.INDIRECT WASTES TO BE EXTENDED OVER BUILDING DRAINS BY PLUMBING TRADE.

14. G.C. SHALL COORDINATE ALL PLUMBING NOTES WITH TRADES AND PLUMBING DRAWINGS.

MECHANICAL NOTES

1. ALL MECHANICAL WORK, LABOR AND MATERIAL, REQUIRED TO CONNECT THIS EQUIPMENT IS TO BE FURNISHED BYCONTRACTOR UNLESS SPECIFICALLY CALLED FOR IN "ITEMIZED SPECIFICATIONS". THE WORK DONE BY CONTRACTOR IS TO INCLUDE ROUGHING-IN TO POINTS INDICATED ON ROUGHING-IN PLANS, FINAL CONNECTING FROM ROUGH-IN POINT TO VARIOUS PIECES OF EQUIPMENT REQUIRING SUCH CONNECTIONS, AND THE SUPPLYING OF ALL NECESSARY MATERIALS AND LABOR FOR THIS WORK EXCEPT AS HEREINAFTER NOTED.

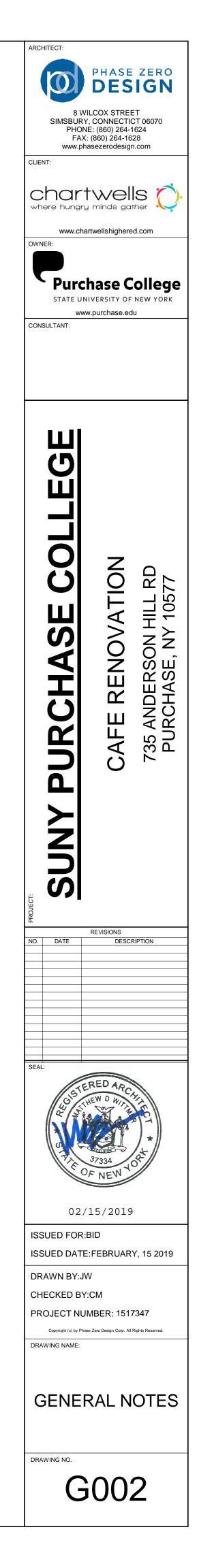
2. EXCEPT WHERE SHOWN IN DIMENSIONAL DETAIL, THE LOCATIONS OF MECHANICAL EQUIPMENT, DUCTS, PIPING, AND FITTING ARE ONLY APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR, SUBJECT TO APPROVAL BY THE ARCHITECT.

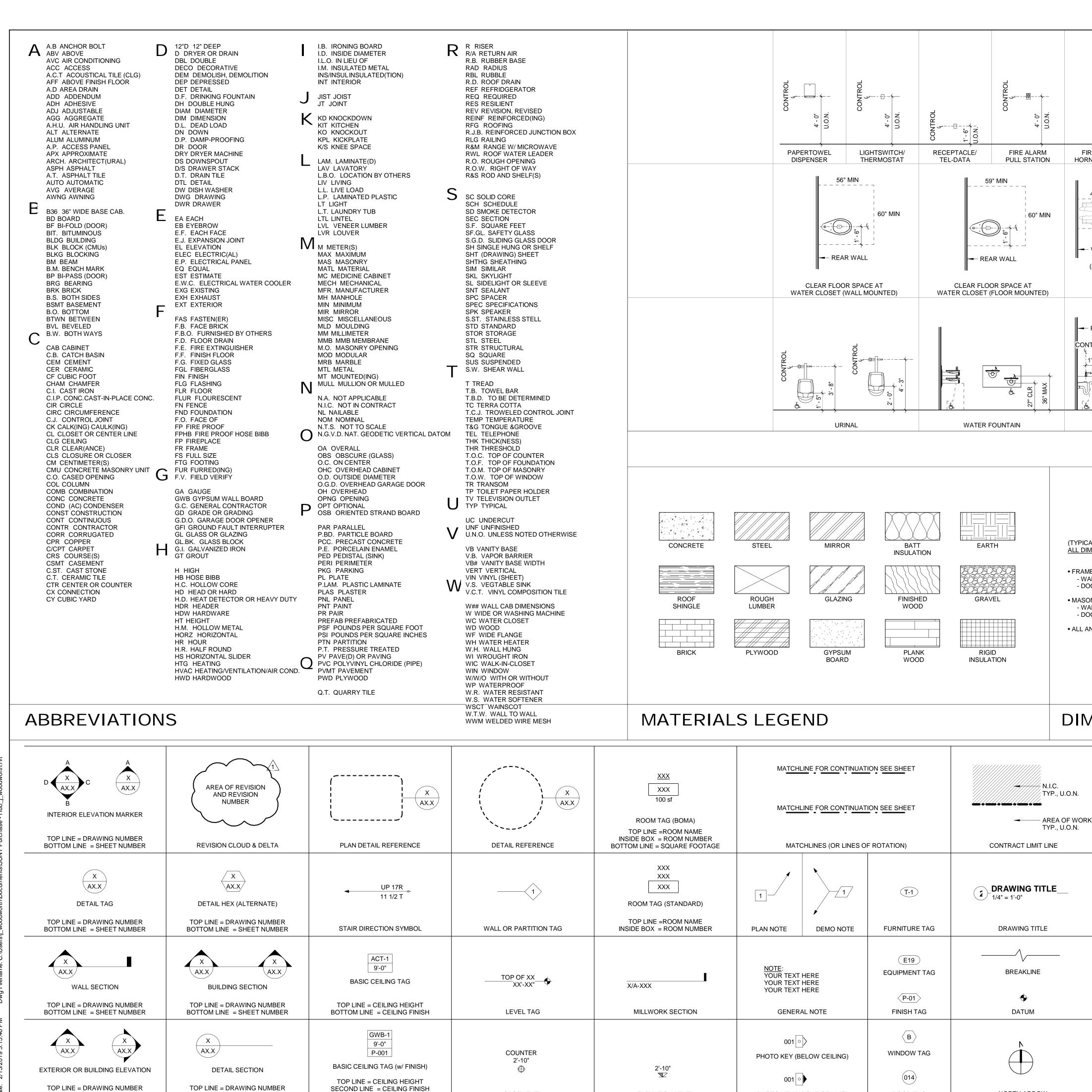
3. CONTRACTOR SHALL VERIFY SIZES AND LOCATIONS OF ALL MECHANICAL EQUIPMENT PADS AND BASES AS WELL AS POWER AND WATER OR DRAIN INSTALLATIONS WITH EQUIPMENT MANUFACTURERS BEFORE PROCEEDING WITH THE WORK. CHANGES TO ACCOMMODATE FIELD CONDITIONS OR SUBSTITUTIONS SHALL BE MADE AT NO ADDITIONAL COST.

4. MECHANICAL SUPPLY AND RETURN AIR SHAFTS SHALL BE AIRTIGHT AND SEALED.

5. ALL FLEXIBLE AIRDUCTS, IF USED, SHALL MEET THE REQUIREMENTS OF NFPA 90A, 2-3-2 IN CONSTRUCTION AND INSTALLATION.

6. G.C. SHALL COORDINATE ALL MECHANICAL NOTES WITH TRADES AND MECHANICAL DRAWINGS.





BOTTOM LINE = SHEET NUMBER

BOTTOM LINE = FINISH

BOTTOM LINE = SHEET NUMBER

SPOT LEVEL

ELEVATION LEVEL

DOOR TAG

PHOTO KEY (ABOVE CEILING)

NORTH ARROW

_ ____

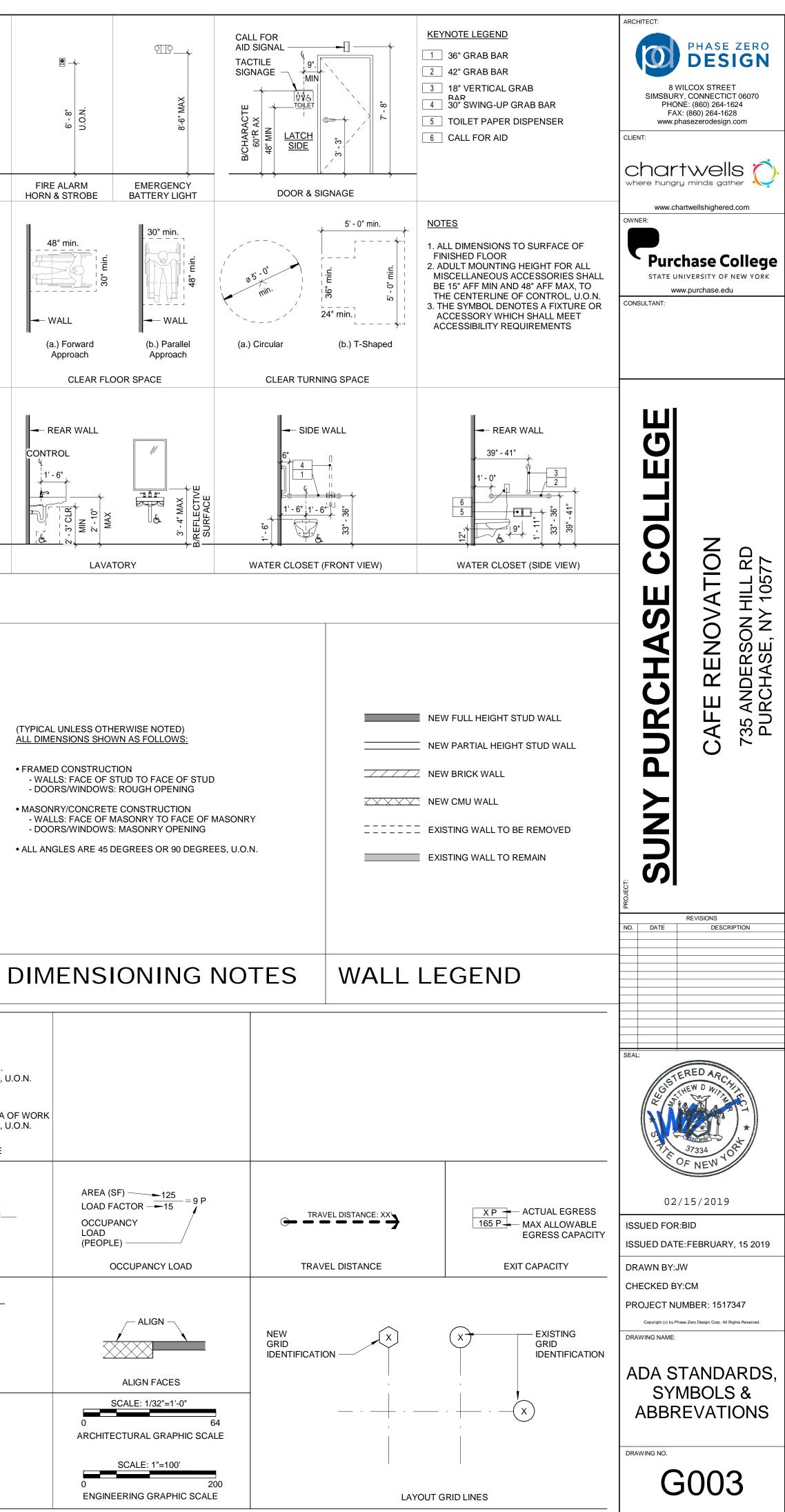
FIRE ALARM

48" min

WALL

ONTROL

Approach



PROJECT DATA

NOTE: THIS PROJECT , INTERIOR RENOVATION HAS THE PROJECT WORK AREA WITH A LEVEL 2 ALTERA ITEM

CONSTRUCTION TYPE **USE & OCCUPANCY CLASSIFICATION**

INCIDENTAL ACCESSORY ACCESSORY USE AREA

ACTUAL BUILDING AREA (SEE PLANS FOR USE SEPERATION S.F.)

FIRE SURPRESSION

FIRE DETECTION

TOTAL BUILDING OCCUPANT LOAD AREA OF REFUGE

STAIR WIDTH

MAX TRAVEL DISTANCE

CORRIDOR WIDTH

DEAD END CORRIDOR

NUMBER OF EXITS

PI UMBING	FIXTURE C								
	WHERE THE BUILDING OC		OT INCREASED	BY 20%, ADI	DITIONAL PLUMBING F	FIXTURES ARI	E NOT REQUIRED.		
ASSEMBLY TOTAL OCC	UPANTS = 197 / BUSINESS	TOTAL OCCUP	ANTS = 98 / STO	RAGE TOTA	L OCCUPANTS = 31				
		REQUIRED F	IXTURE COUNT	CALCULATE	ED FIXTURE COUNT	TOTAL FIXT	URES REQUIRED	TOTAL FIXTU	RES PROVIDED
OCCUPANCY CLASS		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
A-2, ASSEMBLY	WATER CLOSETS	1 PER 75	1 PER 75	1.31	1.31				
B, BUSINESS	WATER CLOSETS	1 PER 25	1 PER 25	1.96	1.96	3.42 (4)	3.42 (4)	2 WC* 3 URINALS*	4*
S-2, STORAGE	WATER CLOSETS	1 PER 100	1 PER 100	.15	.15				
A-2, ASSEMBLY	LAVATORIES	1 PER 200	1 PER 200	.49	.49				
B, BUSINESS	LAVATORIES	1 PER 40	1 PER 40	1.22	1.22	1.86 (2)	1.86 (2)	2*	5
S-2, STORAGE	LAVATORIES	1 PER 100	1 PER 100	.15	.15				
A-2, ASSEMBLY	DRINKING FOUNTAIN	1 PER 500		.39					
B, BUSINESS	DRINKING FOUNTAIN	1 PER 500		.19		.61 (1)		2	
S-2, STORAGE	DRINKING FOUNTAIN	1 PER 1000		.03		-			
A-2, ASSEMBLY	SERVICE SINK	1 SERVICE S	INK	1 SERVICE SINK					
B, BUSINESS	SERVICE SINK	1 SERVICE S	INK	1 SERVICE	E SINK	1		1	
S-2, STORAGE	SERVICE SINK	1 SERVICE S	INK	1 SERVICE	E SINK				

CODE SECTION(S)			
IBC: 602	2B		
IBC: 302	SEPERATED MIXED USE:		
	(A-2) / (S-2) / (B) / (R-2)		
IBC: 509	MECHANICAL ROOM		
IBC: 508.2	N/A		
IBC: TABLE 506.2	BASEMENT = 17,220 SF		
	FIRST FLOOR = 17,946 SF		
	SECOND FLOOR = 4,000 SF		
	THIRD FLOOR = 4,000 SF		
	TOTAL BUILDING = 45,059 SF		
IBC: 903.2.1.2 IEBC: 804.2.4	PARTIAL - (A-2) FIRE AREA WILL BE PROVIDED WITH AUTOMATIC SPRINKLER SYSTEM		
IBC: 907	PROVIDED		
IBC: TABLE 1004.1.2	SEE CODE PLAN		
IBC: 1009.3 - EXCEPTION 5	NOT REQUIRED WHERE EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM. (A-2) FIRE AREA ONLY WILL BE PROVED WITH AUTOMATIC SPRINKLER SYSTEM		
IBC: 1009.3 - EXCEPTION 2 & 1011.2	CLEAR WIDTH OF 48" IS NOT REQUIRED WHERE EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM. (A-2) FIRE AREA ONLY WILL BE PROVIDED WITH AUTOMATIC SPRINKLER SYSTEM. 44" MINIMUM		
IBC: TABLE 1017.2	(A-2) 250' WITH AUTOMATIC SPRINKLER SYSTEM		
	(S-2) 300' W/OUT AUTOMATIC SPRINKLER SYSTEM		
	(B) 200' W/OUT AUTOMATIC SPRINKLER SYSTEM		
	(R-2) 200' W/OUT AUTOMATIC SPRINKLER SYSTEM		
IBC: TABLE 1020.2	44", MINIMUM		
IBC: TABLE 1020.4	(A-2) = 20' W/OUT AUTOMATIC SPRINKLER SYSTEM		
	(S-2) = 20' W/OUT AUTOMATIC SPRINKLER SYSTEM		
	(B) = 20' W/OUT AUTOMATIC SPRINKLER SYSTEM		
	(R-2) = 20' W/OUT AUTOMATIC SPRINKLER SYSTEM		
IBC: 1006.2.11 & IBC: TABLE 1006.2.1	(A-2) = 2 WHEN 500 OR LESS OCCUPANTS		
	(S-2) = 2 WHEN GREATER THAN 75' TRAVEL DISTANCE & 30 OCCUPANTS		
	(B) = 2 WHEN GREATER THAN 75' DISTANCE TRAVEL & 30 OCCUPANTS		
	(R-2) = 2 MINIMUM		

ITEM	CODE S	SECTION(S)		
PRIMARY STRUCTURE FRAME			0 HOUR(S)	
BEARING WALLS	_		EXTERIOR: 0 HOUR(S)	
	IBC: TA	BLE 601	INTERIOR: 0 HOUR(S)	
NON - BEARING WALLS	_		EXERIOR: 0 HOUR(S)	
			INTERIOR: 0 HOUR(S)	
FLOOR CONSTRUCTION	_		0 HOUR(S)	
ROOF CONSTRUCTION	_		0 HOUR(S)	
SHAFT ENCLOSURES	IBC: 713	2 /	2 HOUR(S) - CONNECTING 4 STORIES OR MORE,	
		J. 4	OR WHERE PENETRATING 2 HR FLOOR CONSTRUCTION	
EXIT ENCLOSURES	IBC: 102	23.2	2 HOUR(S) - CONNECTING 4 STORIES OR MORE, OR WHERE PENETRATING 2 HR FLOOR CONSTRUCTION	
CORRIDORS	IBC: TA	BLE 1020.1	1 HOUR(S) WITHOUT SPRINKLER SYSTEM	
			0 HOUR(S) WITH SPRINKLER SYSTEM	
DOOR RATING	IBC: TABLE 716.5		1 HOUR(S) EXIT ENCLOSURE = 1 HOUR(S) DOOR	
			1 HOUR(S) CORDDIDOR WALL = 1/3 HOUR(S) DOOR	
USE GROUPS	IBC: 302		A-2: DINING & KITCHEN	
			B: EDUCATIONAL	
			R-2 DORMITORY	
			S-2: STORAGE	
USE GROUPS	IBC: 508	3.4, TABLE 508.4	2 HOUR(S): A-2 / B	
			1 HOUR(S) - A-2 / S-2	
			2 HOUR(S) S-2 / B	
			2 HOUR(S) R-2 / B (NOT IN RENOVATION SCOPE)	
VERTICAL DWELLING UNIT SEPARATION	IBC: 420	0.2, 708.1	1 HOUR(S) (NOT IN SCOPE)	
HORIZONTAL DWELLING UNIT SEPARATION	IBC: 420	0.3, 711.2.4.3	1 HOUR(S) (NOT IN SCOPE)	
CODE		CODE SECTION(S)		
BUILDING CODE	_	2015 INTERNATION		
			AL RESIDENTIAL BUILDING CODE	
	_	2017 UNIFORM COE		
			AL EXISTING BUILDING CODE	
PLUMBING CODE		2015 INTERNATIONAL PLUMBING CODE		
MECHANICAL CODE			AL MECHANICAL CODE	
ELECTRICAL CODE		2014 NATIONAL ELECTRICAL CODE (NFPA 70)		
FUEL & GAS		2015 INTERNATION	AL FUEL & GAS CODE	
ACCESSIBILITY		ACESSIBILITY		
ENERGY CODE COMPLIANCE		2015 INTERNATIONAL ENERGY CONSERVATION CODE W/ 2016 SUPPLEMENT		

CODE INFORMATION KEY

$\frac{AREA}{LOAD} = OCC$	CALCULATED OCCUPAN
• }	MAXIMUM TRAVEL DISTA
	ACTUAL DOOR/STAIR OC ALLOWED DOOR/STAIR (
Ġ.	HC ACCESSIBLE ROUTE
	1 HOUR RATED WALL AS
	2 HOUR RATED WALL AS
	PROJECT WORK AREA P ALTERATION LEVEL 2

OCCUPANT LOAD

AVEL DISTANCE

R/STAIR OCC. LOAD OR/STAIR CAPACITY.

)

NSO

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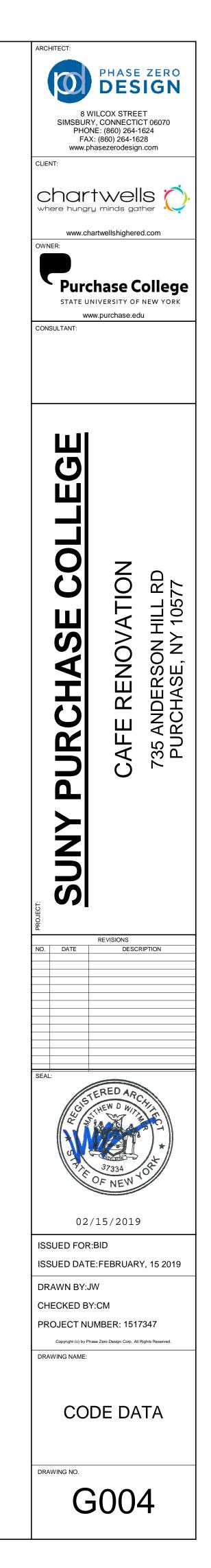
BLE ROUTE

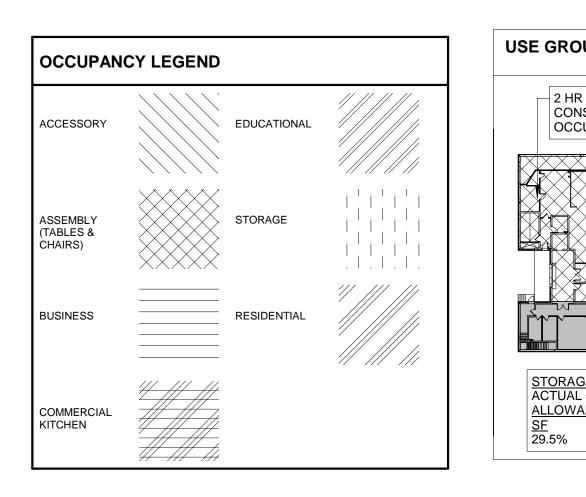
WALL ASSEMBLY WALL ASSEMBLY ORK AREA PER IEBC DIRECTION OF EGRESS TRAVEL

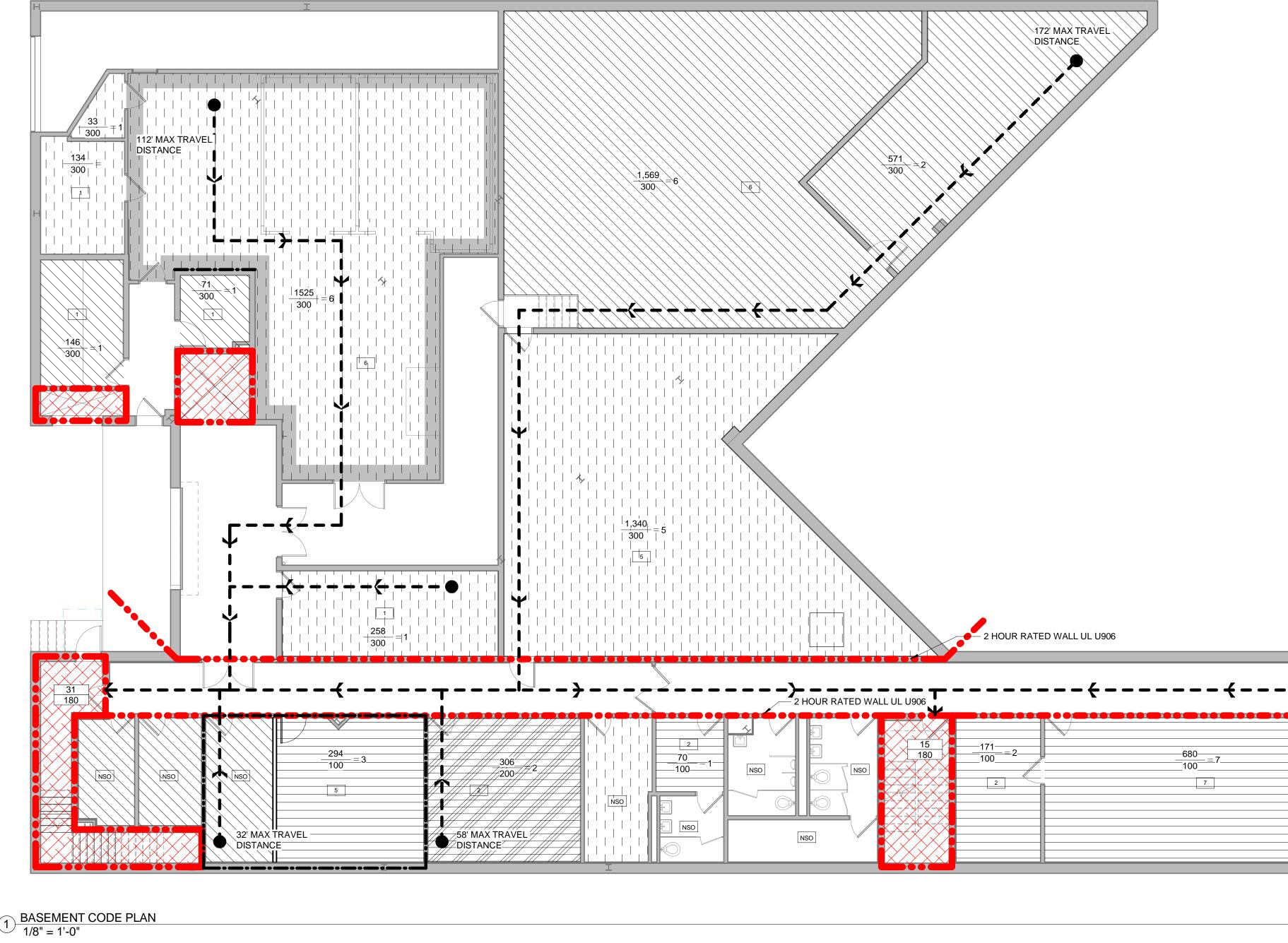
NON SIMULTANEOUS OCCUPANCY

OCCUPANT LOAD

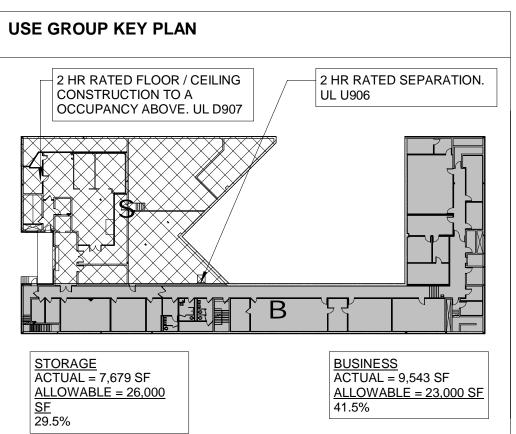
2 HOUR RATED VERTICAL SHAFT ASSEMBLY

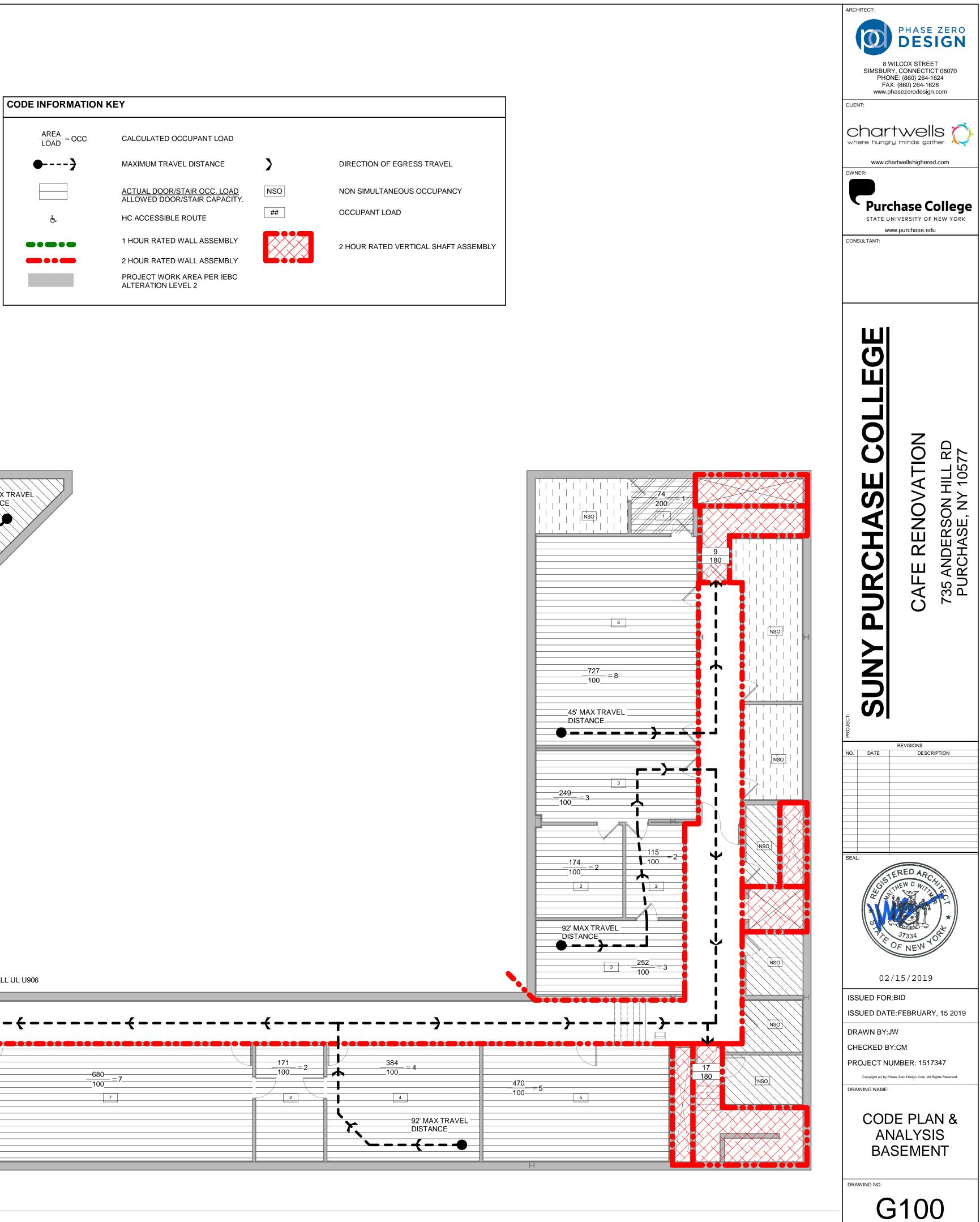


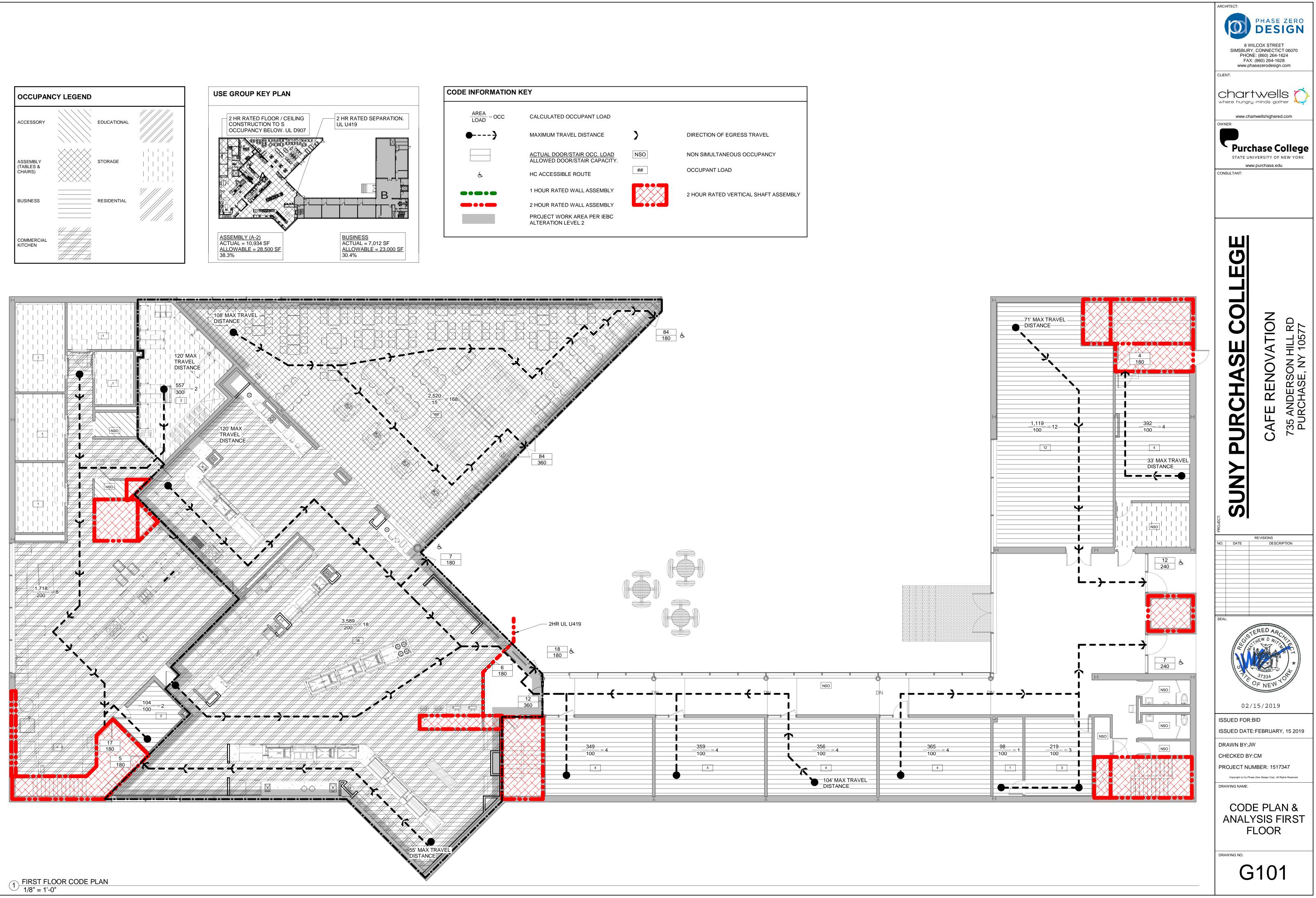


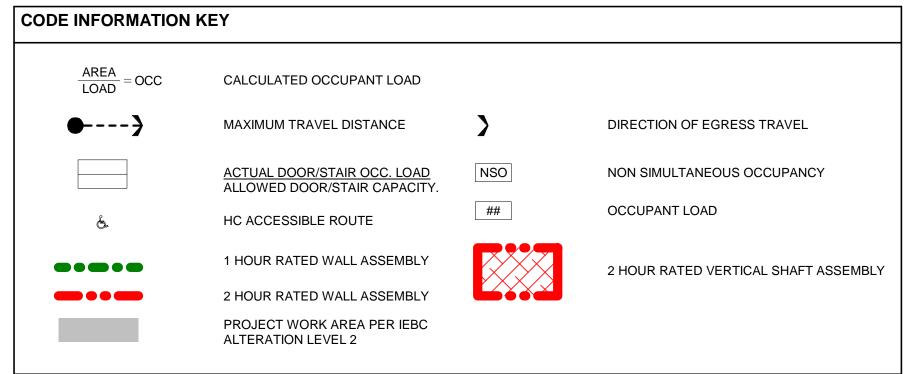


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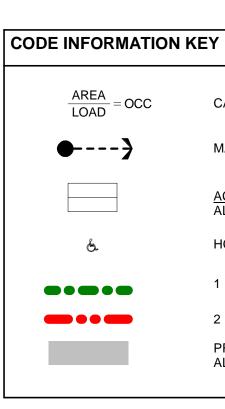




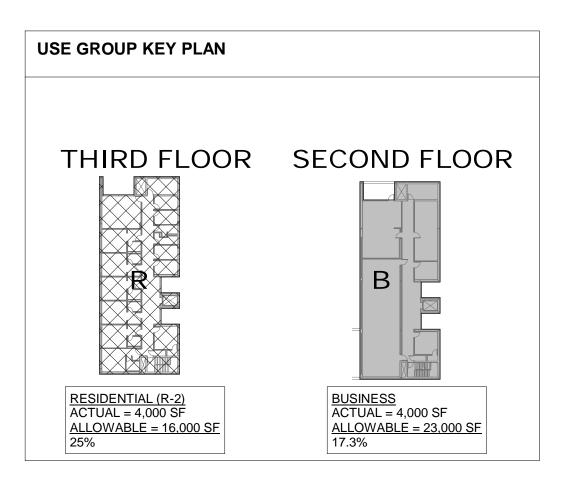


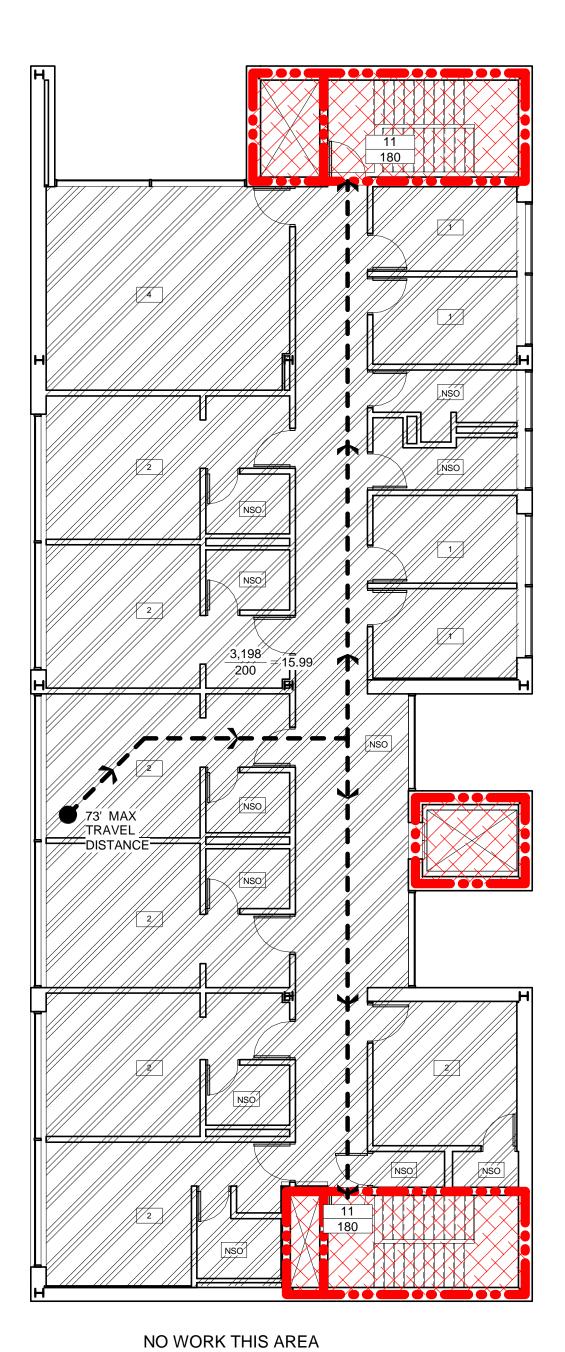


Date: 2/15/2019 3:16:04 PM Dwg Filename: C:\Users\j_woodworth\Documents\SUNY Purchase - Hub_j_woodworth



TION KEY CC CALCULATED OCCUPANT LOAD MAXIMUM TRAVEL DISTANCE DIRECTION OF EGRESS TRAVEL ACTUAL DOOR/STAIR OCC. LOAD ALLOWED DOOR/STAIR CAPACITY. NSO NSO NON SIMULTANEOUS OCCUPANCY HC ACCESSIBLE ROUTE ## 1 HOUR RATED WALL ASSEMBLY 2 HOUR RATED WALL ASSEMBLY 2 HOUR RATED WALL ASSEMBLY 2 HOUR RATED VERTICAL SHAFT ASSEMBLY PROJECT WORK AREA PER IEBC ALTERATION LEVEL 2 2 HOUR RATED VERTICAL SHAFT ASSEMBLY

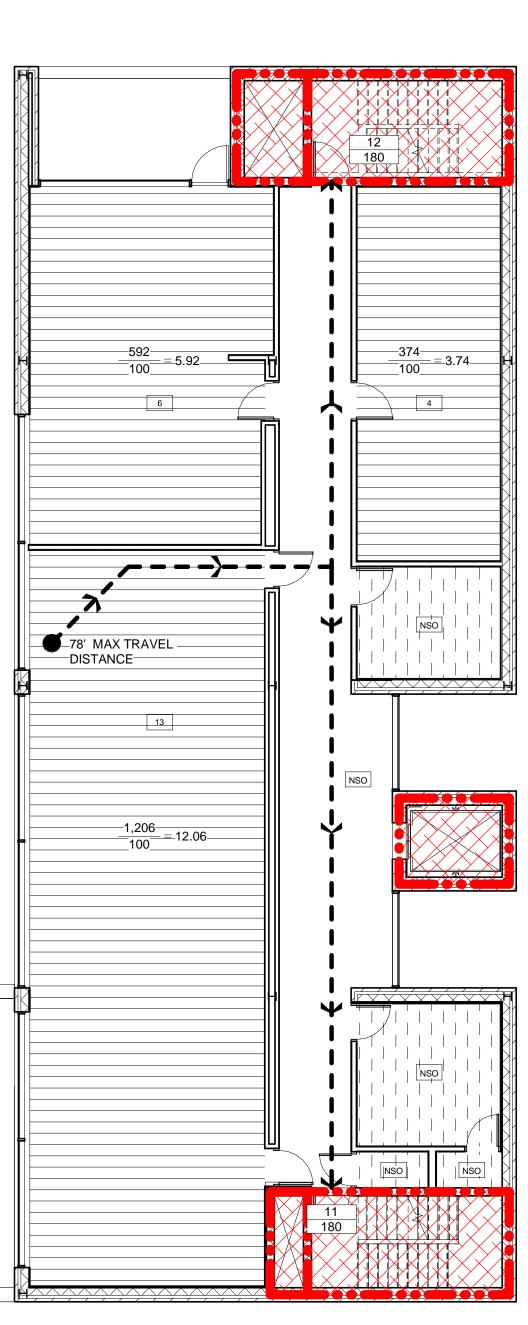


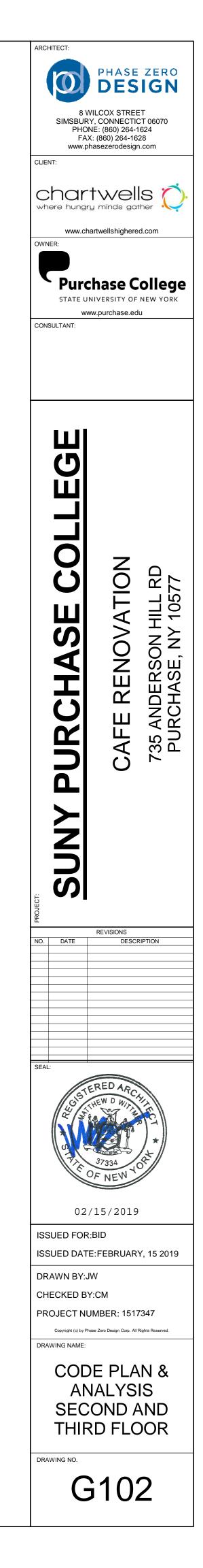


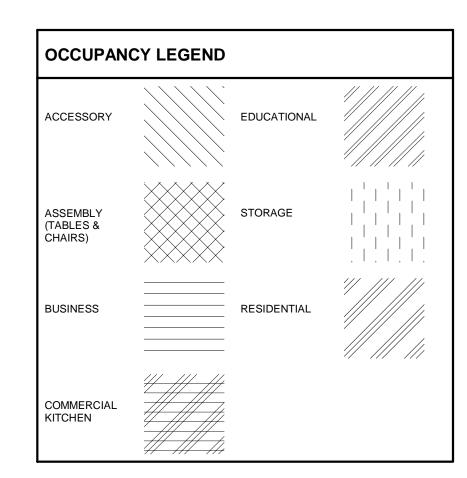
2 THIRD LEVEL - CODE PLAN 1/8" = 1'-0"











DESIGN DEVELOPMENT PLANS for Cafe Addition and Remodel Purchase, NY 10577

SITE INDEX

<u>NO.</u>	DRAWING TITLE	LATEST ISSUE
C-1	Cover Sheet	12/14/2018
C-2	General Notes	12/14/2018
C-3	Site Utilities Plan	12/14/2018
C-4	Site Details	12/14/2018

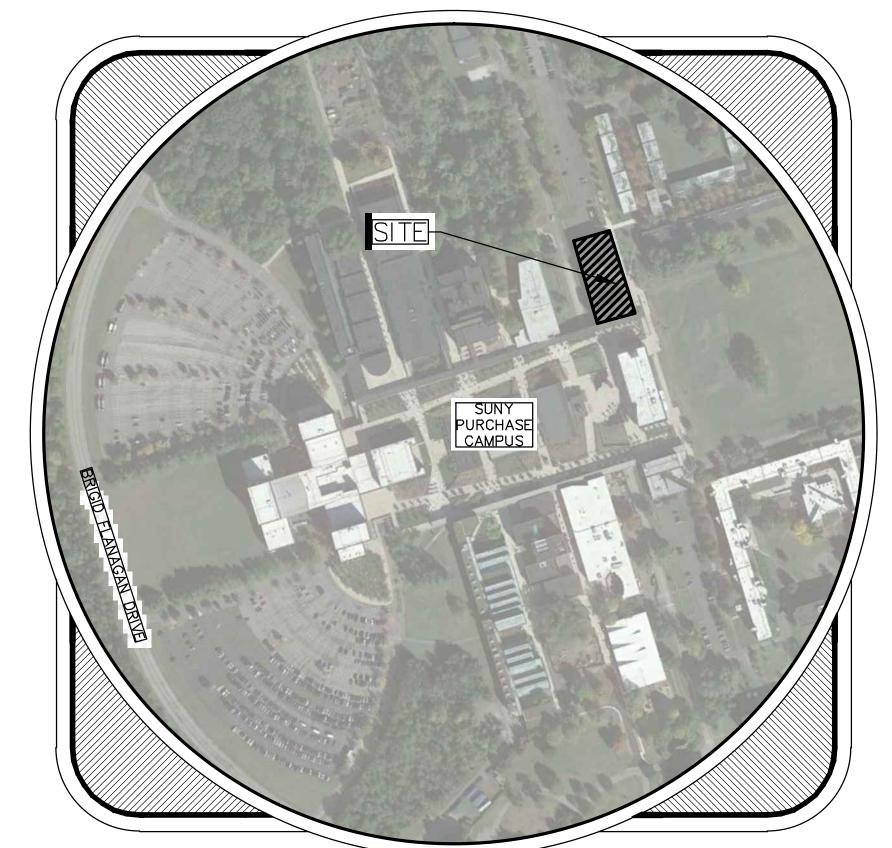
SURVEY INDEX

<u>NO.</u>	
TS105	

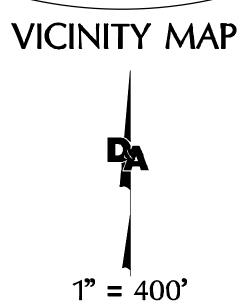
DRAWING TITLE Topographic Survey 5 Prepared by Badey & Watson LATEST ISSUE 1/18/2012

OWNER: State University of New York Purchase College 735 Anderson Hill Road Purchase, NY 10577

APPLICANT: State University of New York Purchase College 735 Anderson Hill Road Purchase, NY 10577



UTILITY CONTACTS				
UTILITY	UTILITY CO.	CONTACT	TELEPHONE	
ELECTRIC	CON EDISON	Bayly Tyler	PH. (800) 752-6633	
	511 Theodore Fremd Aven	WORK REQUEST	PH. 914-925-6036	
	Rye, NY 10580			
WATER	WESTCHESTER JOINT WATER WORKS		PH. (914) 698-3500	
	1625 Mamaroneck Ave.	COMMISSIONER	EMGCY. (914) 424-4371	
	Mamaroneck NY 10543			
SEWER	WESTCHESTER SEWER DISTRICT #1B		PH. (914) 995-8353	
	1 FERNBROOK ST.			
	YONKERS, NY 10705			
CAS	CON EDISON	Bayly Tyler	PH. (800) 752-6633	
	511 Theodore Fremd Aven	WORK REQUEST	PH. 914-925-6036	
	Rye, NY 10580			
TELEPHONE	VERIZON		PH. (212) 890-0200	
	BUSINESS SERVICES		FAX	
	NEW YORK, NY 10001			
FIRE CHIEF	PURCHASE FIRE DEPARTMENT	MARTIN GOTTE	PH. (914) 253-9044	
	614 ANDERSON HILL ROAD	CHIEF		
	PURCHASE, NY 01105			
BUILDING	HARRISON BUILDING DEPARTMENT	ROCCO GERMANI	PH. (914) 670-3053	
OFFICIAL	1 HEINEMAN PLACE	BUILDING INSPECTOR		
	HARRISON, NY 10528			





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design

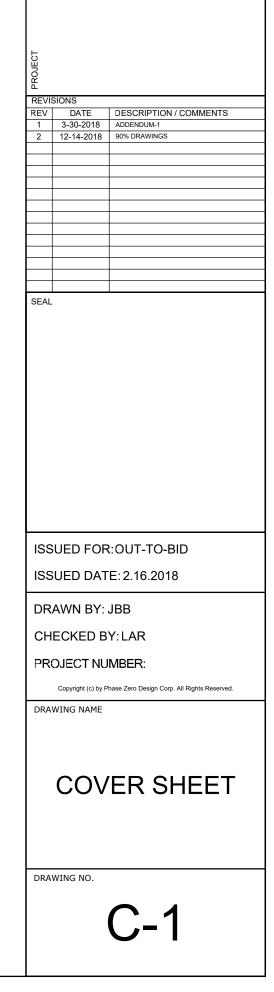
EIGHT WILCOX STREET SIMSBURY, CONNECTICUT 06070 PHONE: (860) 264-1624 FAX: (860) 264-1628

www.phasezerodesign.com

Purchase College STATE UNIVERSITY OF NEW YOR

SUNY PURCHASE COLLEGE 735 ANDERSON HILL ROAD, PURCHASE, NY 10577

> AND REMODEL ROAD 10577 HLL ≻z PURCHASE, **ADDITION** ANDERS 35 CAFE



	LEGEN	D		ABBREVIATIONS
EXISTING	PROPOSED			GENERAL
		- LOCUS PROPERTY LINE	ABAN ACR	ABANDON ACCESSIBLE CURB RAMP
		– ABUTTER PROPERTY LINE – CHAIN LINK FENCE	ADJ APPROX	ADJUST APPROXIMATE
X			BB	BITUMINOUS BERM
10+00	10100	– STOCKADE FENCE	BC BOS	BITUMINOUS CURB BOTTOM OF SLOPE
		- BASELINE	BS CC	BOTTOM OF SLOP CONCRETE CURB
- — — – 100 – — — –	100	– MAJOR CONTOUR (5 FEET)	CCB CC&G	CAPE COD BERM CONCRETE CURB & GUTTER
100	100	– MINOR CONTOUR (1 FOOT)	ELEV EXIST	ELEVATION EXISTING
IIII	JUUU	– TREE LINE	FDN GC	FOUNDATION GRANITE CURB
W	W	– UNDERGROUND WATER LINE	GE MAX	GRANITE EDGING MAXIMUM
S	S	- UNDERGROUND SEWER LINE	MCC MIN	MONOLITHIC CONCRETE CURB MINIMUM
<i>T</i>	T	– UNDERGROUND TELEPHONE LINE	NIC NTS	NOT IN CONTRACT NOT TO SCALE
D		– UNDERGROUND DRAIN LINE	PCC PROP	PRECAST CONCRETE CURB PROPOSED
E	——————————————————————————————————————	- UNDERGROUND ELECTRIC LINE	REM RET	REMOVE RETAIN
<i>G</i>		– UNDERGROUND GAS LINE	REMOD R & R	REMODEL REMOVE AND RESET
OH <i>W</i>	————ОНШ————	- OVERHEAD WIRE	R & S SGE	REMOVE AND STACK SLOPED GRANITE EDGING
0	٥	– BOLLARD	SKF TOS	STOCKADE FENCE TOP OF SLOPE
_0		- SIGN	TS TYP	TOP OF SLOPE TYPICAL
<u> </u>		– DOUBLE SIGN – IRON PIPE	VGC	VERTICAL GRANITE CURB
9		– PULL BOX		UTILITY
	Q []	– UTILITY POLE	ACCCMP	ASPHALT COATED CORRUGAT
© <i>B</i> -80	B−1 €	– BORING LOCATION	CAP C & C	CORRUGATED ALUMINUM PIPE CUT AND CAPPED
		– CATCH BASIN	CIP CIT	CAST IRON PIPE CHANGE IN TYPE
		– DOUBLE CATCH BASIN	COND DIP	CONDUIT DUCTILE IRON PIPE
\square		– DRAIN MANHOLE	FES F&G	FLARED END SECTION FRAME AND GRATE
S		– SEWER MANHOLE	F&C HDPE	FRAME AND COVER HIGH DENSITY POLYETHYLENE
	ē	– HYDRANT	HH HYD	ELECTRIC HANDHOLE HYDRANT
WV	۲	– WATER VALVE	INV PIV	INVERT ELEVATION POST INDICATOR VALVE
	C	– PLUG/STUB	PWW PVC	PAVED WATER WAY POLYVINYLCHLORIDE PIPE
Ċ.		– LAMP POST	RCP TSV&B	REINFORCED CONCRETE PIPE TAPPING SLEEVE, VALVE AND
TBM	ТВМ	– TEMPORARY BENCHMARK	UP VCP	UTILITY POLE VITRIFIED CLAY PIPE
0 0 0	0 0 0 0	– GUARDRAIL		
		– TREE (DECIDUOUS)		
		– TREE (CONIFEROUS)		
.authua,	В	– PARKING COUNT		
		- HANDICAP RAMP		
ركده	Ą	– HANDICAP PARKING		
<pre>></pre>	A NAN	– VAN–ACCESSIBLE HANDICAP PARKING		
-				

5			

ATED METAL PIPE

NE PIPE

ND BOX

SITE PLAN NOTES

- 1. EXISTING CONDITIONS INFORMATION WAS TAKEN FROM A SURVEY PERFORMED BY NORTHEAST SURVEY CONSULTANTS. DATED NOVEMBER 13, 2014 AND COMPILED FROM INFRASTRUCTURE CONSTRUCTION PLANS.
- 2. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL LOCAL, STATE, AND/OR FEDERAL REGULATIONS GOVERNING SUCH OPERATIONS AND ALL OTHER O.S.H.A. STANDARDS.
- CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULES, SLOPE PAVING, SIDEWALKS, EXIT PORCHES, PRECISE BUILDING DIMENSIONS, STAIRWAYS AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
- 4. ALL DISTURBED AREAS ARE TO RECEIVE MINIMUM FOUR INCHES OF TOPSOIL, SEED, MULCH AND WATER UNTIL A HEALTHY STAND OF GRASS IS ESTABLISHED.
- 5. ALL EDGES OF PAVEMENT TO BE CURBED. BACK OF CURB SHALL BE FLUSH WITH GRADE UNLESS NOTED OTHERWISE. ALL CURBING AS NOTED ON THE DRAWINGS.
- 6. ALL PAVED RADII ARE TO BE 2' UNLESS OTHERWISE NOTED. 7. ALL DIMENSIONS AND RADII ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- 8. EXISTING STRUCTURES WITHIN CONSTRUCTION LIMITS ARE TO BE ABANDONED, REMOVED, REMODELED OR RELOCATED AS NECESSARY. ALL COST SHALL BE INCLUDED IN BASE BID.
- 9. EXISTING PAVED AREAS ON SITE (SITE DRIVE, SIDEWALKS, PARKING AREAS) SHALL RECEIVE A SURFACE COURSE AS SPECIFIED IN THE PAVING DETAILS. ADJUST STRUCTURE FRAMES TO MATCH FINISHED GRADE.
- 10. ALL CONSTRUCTION IN TOWN RIGHT-OF-WAYS AND/OR EASEMENTS SHALL BE IN ACCORDANCE WITH THE TOWN OF PURCHASE STANDARD SPECIFICATIONS.
- 11. IN THE EVENT OF DISCREPANCIES BETWEEN LOCAL SPECIFICATIONS & STATE SPECIFICATIONS. THE MORE STRINGENT REQUIREMENT SHALL GOVERN.
- 12. CONTRACTOR SHALL REFER TO ARCHITECTURAL DETAILS AND SPECIFICATIONS FOR REQUIREMENTS OF CONSTRUCTION AND JOINT SPACING OF SIDEWALKS, RAMPS, AND CURBING ADJACENT TO BUILDING.
- 13. CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, DRAINAGE, UTILITIES, PAVEMENT STRIPING, CURB, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.
- 14. THE CONTRACTOR SHALL PROTECT ALL BENCHMARKS AND PROPERTY MONUMENTATION. BENCHMARKS AND MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE REPLACED OR REPAIRED BY A LICENSED SURVEYOR AT THE CONTRACTORS EXPENSE.
- 15. ALL STRIPING, PAVEMENT MARKINGS, AND TRAFFIC SIGNAGE SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION, UNLESS OTHERWISE NOTED ON THE PLANS. STRIPED AREAS SHALL BE 2 FEET O.C. UNLESS OTHERWISE NOTED ...

GENERAL NOTES: SITE ADDRESS: 735 ANDERSON HILL ROAD PURCHASE, NEW YORK 10577 PARCEL ID: 11110-0454 1. TOTAL PARCEL AREA: 479,595 SF. (11.0 AC.) 2. DEED REFERENCES: Plan 211 Page 97 3. CURRENT ZONING: R-2 ONE - FAMILY RESIDENCE 4. PROPOSED USES: EDUCATIONAL 5. PROPOSED STRUCTURES: +/-1,400 SF EXPANSION 6. FLOOD CERTIFICATION: THIS SITE IS ZONED 'X' AS PER FIRM, FLOOD INSURANCE RATE MAP, TOPOGRAPHIC & BOUNDARY SURVEY, INCLUDING PROPERTY LINES, EXISTING UTILITIES, SITE TOPOGRAPHY WITH SPOT ELEVATIONS, OUTSTANDING PHYSICAL FEATURES AND EXISTING STRUCTURE LOCATIONS WAS PROVIDED BY THE FOLLOWING COMPANY & WAS DATED DECEMBER 23. 2014:

BADEY & WATSON 3043 ROUTE 9 COLD SPRING, NY 10516

PRIOR TO RECORDING THE FINAL APPROVED SITE PLAN, AN AS-BUILT PLAN SHALL BE PROVIDED TO THE OWNER AND DOUCET & ASSOCIATES, INC.

- 8. DISPOSAL OF MATERIALS SHALL BE IN ACCORDANCE WITH ALL LOCAL, STATE, AND/OR FEDERAL REGULATIONS GOVERNING SUCH OPERATIONS.
- 9. ALL CONSTRUCTION IN TOWN RIGHT-OF-WAY SHALL BE COORDINATED WITH THE PURCHASE DPW AND PURCHASE WATER & SEWER COMMISSION.
- 10. ANY DEVELOPMENT, EXCAVATION, CONSTRUCTION IS SUBJECT TO LOCAL, STATE, AND FEDERAL APPROVALS. THE CONTRACTOR SHALL COMPLY WITH ALL PERMIT REQUIREMENTS AND/OR RESTRICTIONS AND ANY VIOLATION WILL BE SUBJECT TO PENALTY. THE CONTRACTOR SHALL HOLD THE OWNER/APPLICANT, THE ENGINEER AND THE LOCAL GOVERNING AGENCIES HARMLESS AGAINST SUCH VIOLATION.
- 11. CONSTRUCTION OF BUILDING, AND UTILITY ENTRANCES SHALL BE IN ACCORDANCE WITH ASSOCIATED ARCHITECTS PLANS PREPARED BY PHASE ZERO DESIGN ..
- 12. THE AREA SHALL BE KEPT CLEAN AND FREE FROM DEBRIS AT ALL TIMES DURING CONSTRUCTION.
- 13. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE RESTORED AND GRADED TO ORIGINAL GRADES UNLESS OTHERWISE SHOWN ON THE THE CONSTRUCTION DRAWINGS.
- 14. A STORMWATER POLLUTION PREVENTION PLAN SHALL BE PREPARED FOR THIS PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING THIS PLAN AT THE JOB SITE.
- 15. THE CONTRACTOR SHALL NOTIFY DIG SAFE @ 1-888-DIG-SAFE OR 811 PRIOR TO COMMENCEMENT OF ANY DEMOLITION/CONSTRUCTION ACTIVITY.

SPECIAL CONSTRUCTION NOTES

- PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR OR HIS AUTHORIZED REPRESENTATIVE SHALL CONVENE A PRE-CONSTRUCTION CONFERENCE BETWEEN THE TOWN OF PURCHASE REPRESENTATIVES, ENGINEER, ARCHITECT, UTILITY COMPANY REPRESENTATIVES, A.I.C. REPRESENTATIVE AND ANY OTHER AFFECTED PARTIES.
- 2. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE RESTORED AND GRADED TO ORIGINAL GRADES UNLESS OTHERWISE SHOWN ON THE THE CONSTRUCTION DRAWINGS.
- 3. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING THE STORMWATER POLLUTION PREVENTION PLAN AT THE JOB SITE. CONTRACTOR SHALL PROVIDE INLET PROTECTION TO ADJACENT SITE DRAINS AND/OR CATCH BASINS.
- 4. THE CONTRACTOR SHALL NOTIFY DIG SAFE @ 1-888-344-7233 PRIOR TO COMMENCEMENT OF ANY DEMOLITION/CONSTRUCTION ACTIVITY.
- 5. CONTRACTOR SHALL PROVIDE TWO SETS OF AS-BUILT DRAWINGS, PRIOR TO FINAL PAYMENT. AS-BUILT DRAWINGS SHALL INCLUDE ALL INSTALLED UTILITIES WITH VERTICAL AND HORIZONTAL LOCATIONS AND BE SATISFACTORY TO THE BUILDING OFFICIAL FOR ISSUANCE OF A CERTIFICATE OF OCCUPANCY. THE AS-BUILT DRAWINGS SHALL ALSO INCLUDE PIPE INVERTS, SPOT GRADES AND CONTOUR ELEVATIONS. THE FINAL PLAN SHALL BE STAMPED AND SIGNED BY A MASSACHSETTS REGISTERED PROFESSIONAL LAND SURVEYOR.
- . PRIOR TO SUBMITTING THE NOTICE OF TERMINATION, CONTRACT SHALL CLEAN ALL STORMWATER DRAINAGE STRUCTURES, CATCH BASINS, OUTLET CONTROL STRUCTURES AND SUBSURFACE STORMWATER INFILTRATION ACCESS PORTS.
- 7. CONTACT THE PURCHASE WATER AND SEWER COMMISSION & DPW FOR REVIEW & APPROVAL OF ANY MODIFICATIONS TO THE APPROVED SITE PLANS PRIOR TO THE WORK BEING PERFORMED.
- 8. ANY WORK & MATERIAL WITHIN THE TOWN RIGHT-OF-WAY SHALL CONFORM TO THE TOWN OF PURCHASE STANDARD SPECIFICATIONS AND REQUIREMENTS.
- 9. THE PURCHASE WATER AND SEWER COMMISSION IS NOT PART OF DIGSAFE. FOR ANY UNDERGROUND UTILITY MARK OUT OF WATER OR SANITARY SEWER STRUCTURES, CONTACT THE COMMISSION'S FIELD SERVICES OFFICE AT 413-787-6206 A MINIMUM OF 72 HOURS BEFORE ANY EXCAVATION OCCURS.
- 10. CONSTRUCTION UPGRADES TO THE WATER AND SEWER SERVICES MAY ONLY BE PERFORMED BY COMMISSION APPROVED CONTRACTORS.
- 11. CONTRACTOR SHALL COORDINATE WITH THE COLLEGE AND ALL OTHER APPLICABLE AGENCIES FOR TEMPORARY LANE CLOSURES OR SHUT-DOWN OF LINCOLN AVENUE. CONTRACTOR SHALL PROVIDE SAFETY MEASURES INCLUDING FLAG MEN IF NEEDED.

SITE GRADIN

- 1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED OF EXISTING UTILITIES AS SHOWN ON THESE F VARIOUS UTILITY COMPANIES, AND WHERE POS FIELD. THE INFORMATION IS NOT TO BE RELIED THE CONTRACTOR SHALL CONTACT THE COLLE LEAST 72 HOURS PRIOR TO BEGINNING CONSTR LOCATION OF UTILITIES. IT SHALL BE THE RESP RELOCATE ALL EXISTING UTILITIES WHICH CONFL
- SHOWN ON THE PLANS. 2. ALL CUT OR FILL SLOPES SHALL BE 3:1 OR FI
- 3. PRECAST STRUCTURES MAY BE USED AT CONT
- 4. STORM PIPE SHALL BE AS FOLLOWS UNLESS O POLYETHYLENE PIPE (HDPE) SMOOTH INTERIOR FITTINGS SHALL CONFORM TO AASHTO M252 A
- 5. EXISTING DRAINAGE STRUCTURES TO BE INSPEC EXISTING PIPES TO BE CLEANED OUT TO REMOV
- 6. EXISTING GRADE CONTOUR INTERVALS SHOWN
- 7. PROPOSED GRADE CONTOUR INTERVALS SHOWN 8. IF ANY EXISTING STRUCTURES TO REMAIN ARE SHALL BE THE CONTRACTORS RESPONSIBILITY EXISTING STRUCTURE AS NECESSARY TO RETUR BETTER.
- 9. ALL STORM PIPES ENTERING STRUCTURES SHAL AT STRUCTURE IS WATERTIGHT.
- 10. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL HAVE TRAFFIC BEARING (H20) RING & (
- 11. CONTRACTOR SHALL ADJUST AND/OR SAWCUT ASSURE A SMOOTH FIT AND CONTINUOUS GRAD
- 12. CONTRACTOR SHALL ASSURE POSITIVE DRAINAG NATURAL AND PAVED AREAS.
- 13. EXISTING CONDITIONS INFORMATION WAS TAKEN NORTHEAST SURVEY CONSULTANTS. DATED NOV INFRASTRUCTURE DESIGN PLANS.
- 14. ALL UNSURFACED AREAS DISTURBED BY GRADII OF TOPSOIL. CONTRACTOR SHALL APPLY STAE STEEPER THAN 3H:1V. CONTRACTOR SHALL (WITH THE SPECIFICATIONS UNTIL A HEALTHY S
- 15. ALL STORM MANHOLES SHALL HAVE A SMOOTH FROM INVERT IN TO INVERT OUT.
- 16. IF CONTRACTOR RELOCATES OR SETS NEW BEN THE BENCHMARKS SHALL BE SET, BY A LICENS 0.010 FT.
- 17. ALL UTILITY ADJUSTMENTS SHALL BE COMPLET CONSTRUCTION.

G NOTES	SITE UTILITY NOTES
THAT THE LOCATION AND/OR ELEVATION PLANS IS BASED ON RECORDS OF THE	1. ALL FILL MATERIAL IS TO BE IN PLACE, AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
SIBLE, MEASUREMENTS TAKEN IN THE O ON AS BEING EXACT OR COMPLETE.	2. CONTRACTOR SHALL NOTIFY THE COLLEGE AND APPLICABLE UTILITY AUTHORITY INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
GE AN DIG SAFE @ 1-888-DIG-SAFE AT RUCTION TO REQUEST EXACT FIELD PONSIBILITY OF THE CONTRACTOR TO FLICT WITH THE PROPOSED IMPROVEMENTS	3. SANITARY SEWER PIPE SHALL BE AS FOLLOWS: SDR35 PER ASTM D 3034, FOR PIPES LESS THAN 12' DEEP SDR26 PER ASTM D 3034, FOR PIPES MORE THAN 12' DEEP
LATTER UNLESS OTHERWISE NOTED. TRACTORS OPTION.	4. WATER LINES SHALL BE AS FOLLOWS: ALL WATER SYSTEM COMPONENTS AND WATE LINES SHALL COMPLY WITH TOWN OF PURCHASE WATER & SEWER COMMISSION GUIDELINES & POLICIES AND ANY OTHER PUBLISHED TOWN SPECIFICATIONS OR REQUIREMENTS.
OTHERWISE NOTED: HIGH DENSITY ANNULAR EXTERIOR. PIPE JOINTS AND	5. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 5' COVER ON ALL WATERLINES.
AND M294. CCTED AND REPAIRED AS NEEDED, AND OVE ALL SILT AND DEBRIS. AT 1 FOOT INTERVALS. N AT 1 FOOT INTERVALS. C DAMAGED DURING CONSTRUCTION IT	6. WATER AND SANITARY SEWER SEPARATION SHALL BE 10' MIN. HORIZONTAL FROM OUTSIDE EDGE OF PIPES. IF HORIZONTAL SEPARATION CAN NOT BE OBTAINED, THE WATER LINE MUST BE INSTALLED A MIN. OF 18" ABOVE SANITARY SEWER LINE. THE SANITARY SEWER LINE SHALL BE DUCTILE IRON PIPE WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF CROSSING, THE WATER LINE SHALL HAVE MECHANICAL JOINTS WITH APPROPRIATE THRUST BLOCKING AS REQUIRED TO PROVIE A MINIMUM OF 18" VERTICAL CLEARANCE. MEETING REQUIREMENTS OF ANSI A21.10 ANSI 21.11 (AWWA C-151) (CLASS 52).
TO REPAIR AND/OR REPLACE THE RN IT TO EXISTING CONDITIONS OR	 LINES UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
LL BE GROUTED TO ASSURE CONNECTION	8. TOPS OF EXISTING MANHOLES AND OTHER STRUCTURES SHALL BE RAISED AS NECESSARY TO BE FLUSH WITH PROPOSED PAVEMENT ELEVATIONS. ALL UTILITY ADJUSTMENTS SHALL BE COMPLETED PRIOR TO FINAL PAVING CONSTRUCTION.
AS SHALL BE FLUSH WITH PAVEMENT, AND COVER MANHOLES	9. ALL CONCRETE FOR ENCASEMENTS SHALL HAVE A MINIMUM 28 DAY COMPRESSION STRENGTH AT 3000 P.S.I.
EXISTING PAVEMENT AS NECESSARY TO DE.	10. DRAWINGS DO NOT PURPORT TO SHOW ALL EXISTING UTILITIES.
GE AWAY FROM BUILDINGS FOR ALL	11. EXISTING UTILITIES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF ANY NE LINES.
N FROM A SURVEY PERFORMED BY WEMBER 13, 2014 AND COMPILED FROM	 REFER TO ARCHITECTURAL INTERIOR DRAWINGS FOR TIE-IN OF ALL UTILITIES. CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE TOW OF PURCHASE WITH REGARDS TO MATERIALS OF THE WATER AND SEWER LINES.
ING OPERATION SHALL RECEIVE 4 INCHES BILIZATION FABRIC TO ALL SLOPES GRASS DISTURBED AREAS IN ACCORDANCE STAND OF GRASS IS OBTAINED. H UNIFORM POURED MORTAR INVERT NCHMARKS, THE VERTICAL ELEVATIONS OF	14. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECOP OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR SHALL CONTACT DIG SAFE @ 1-888-DIG-SAFE AT LEAST 72 HOURS PRIOR TO BEGINNING CONSTRUCTION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
ISED SURVEYOR, WITHIN A TOLERANCE OF IED <u>PRIOR TO</u> FINAL PAVING	15. ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/O UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO ANNOUNCED BUILDING POSSESSION AND THE FINAL CONNECTION OF SERVICE.
	16. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS AND SPECIFICATIONS.
	17. REFER TO ARCHITECT PLANS FOR SITE LIGHTING ELECTRICAL PLAN
	18. CONTRACTOR SHALL COMPLY WITH THE LATEST OSHA STANDARDS & TOWN OF PURCHASE DPW SPECIFICATIONS FOR EXCAVATION AND TRENCHING PROCEDURES. TH CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND MAINTENANCE OF ALL SUPPORT SYSTEMS, SLOPING, BENCHING, AND OTHER MEANS OF PROTECTION.
	19. CONTRACTOR SHALL ENSURE UNINTERRUPTED SERVICE OF ALL EXISTING UTILITIES O THE SITE INCLUDING BUT NOT LIMITED TO SEWER, WATER, ELECTRIC, GAS, TELEPHON CATV AND OTHERS.
	 SITE LIGHT POLES ARE TO REMAIN AND BE RELOCATED AS INDICATED ON THE PLAN GREASE INTERCEPTOR SPECIFICATION REFERENCES: References: ASTM C1613-06 Standard Specifications for Precast Grease Interceptor Tanks ASTM C 890-06 Standard for Waste Water Structures ASTM C 318-02 Standard for Reinforced Concrete NEW YORK STATE DESIGN STANDARDS FOR INTERMEDIATE SIZED WASTEWATER TREATMENT SYSTEMS. 2014
$\hat{\varphi}_{m}^{\pm n}\hat{\zeta}_{n}$	
State B	The University of the State of New York THE STATE EDUCATION DEPARTMENT loard for Engineering, Land Surveying, and Geology Education Building, 89 Washington Avenue 2nd Floor, Mezzanine East-Wing Albany, NY 12234 Email: enginbd@nysed.gov Website: www.op.nysed.gov/prof/pels
LIMITED PI	ERMIT TO PRACTICE PROFESSIONAL ENGINEERING
	ntitle the holder to practice Professional Engineering in New York in connection with the specific project listed below
Permit Number 467	
Issue Date 01/13/2017 Expiration Date 01/12/2020	
This is to certify that	Lawrence A Rusiecki
	ited permit to practice professional engineering in the State of New York isfactory evidence of established and recognized professional standing in
in the	State of Massachusetts and holds license number
J°.	47864
	oard for Engineering having recommended the issuance of such fore, in accordance with the provisions of section 7207, subdivision 1,
Ε.	of the Education Law, the individual, Lawrence A Rusiecki
	his limited permit to practice professional engineering in this state
	ut only in connection with a specific project, viz., Purchase College State University of New York
and is auth	735 Anderson Hill Road Purchase NY 10577 orized to file plans, specifications and reports using his/her
	State of Massachusetts
	on 7207 of the Education Law. A copy of this permit shall accompany all d with building officials or others in conjunction with this project.
SIVERSIT	
	Jone of Allan
	Jane W. Blair, P.E.
	Executive Secretary
	NON-TRANSFERABLE ALID ONLY FOR PROJECT LISTED ABOVE

Professional Engineers must register triennially with the department to practice the profession in

New York State. Limited Permit holders whose projects may take longer to complete than the 3 year

registration period must renew their NYS registration to practice the profession in New York State

CLIEN. Purchase College AND WATER STATE UNIVERSITY OF NEW YOR SUNY PURCHASE COLLEGE 735 ANDERSON HILL ROAD, PURCHASE, NY 10577 CONSULTAN DA DOUCET & ASSOCIATES AINED, THE LINE. THE Civil Engineering & Planning JOINTS AT 123 Union Street - Suite 302 Easthampton, MA 01027 Phone: (413) 203-2349 TO PROVIDE www.doucetandassociates.com NSI A21.10 OR **IPRESSION** I OF ANY NEW (7) OF THE TOWN 0 Ĕ ON RECORDS ENTS TAKEN IN Ο O SAFE AT \sim Ŕ Ř Ω RACTOR TO ()0 HL AND $\overline{}$ ES AND/OR Z D BUILDING S Ζ ALLATION Ο ш DDITION S Т S ANDER: URCHA Ľ EDURES. THE **M** CE OF ALL UR UTILITIES ON Δ S Δ TELEPHONE, A THE PLAN. Ζ 1 C S DATE DESCRIPTION / COMMENTS 3-30-2018 ADDENDUM-12-14-2018 90% DRAWINGS ISSUED FOR:OUT-TO-BID ISSUED DATE: 2.16.2018 DRAWN BY: JBB CHECKED BY: LAR PROJECT NUMBER: Copyright (c) by Phase Zero Design Corp. All Rights Reserved. DRAWING NAME

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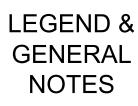
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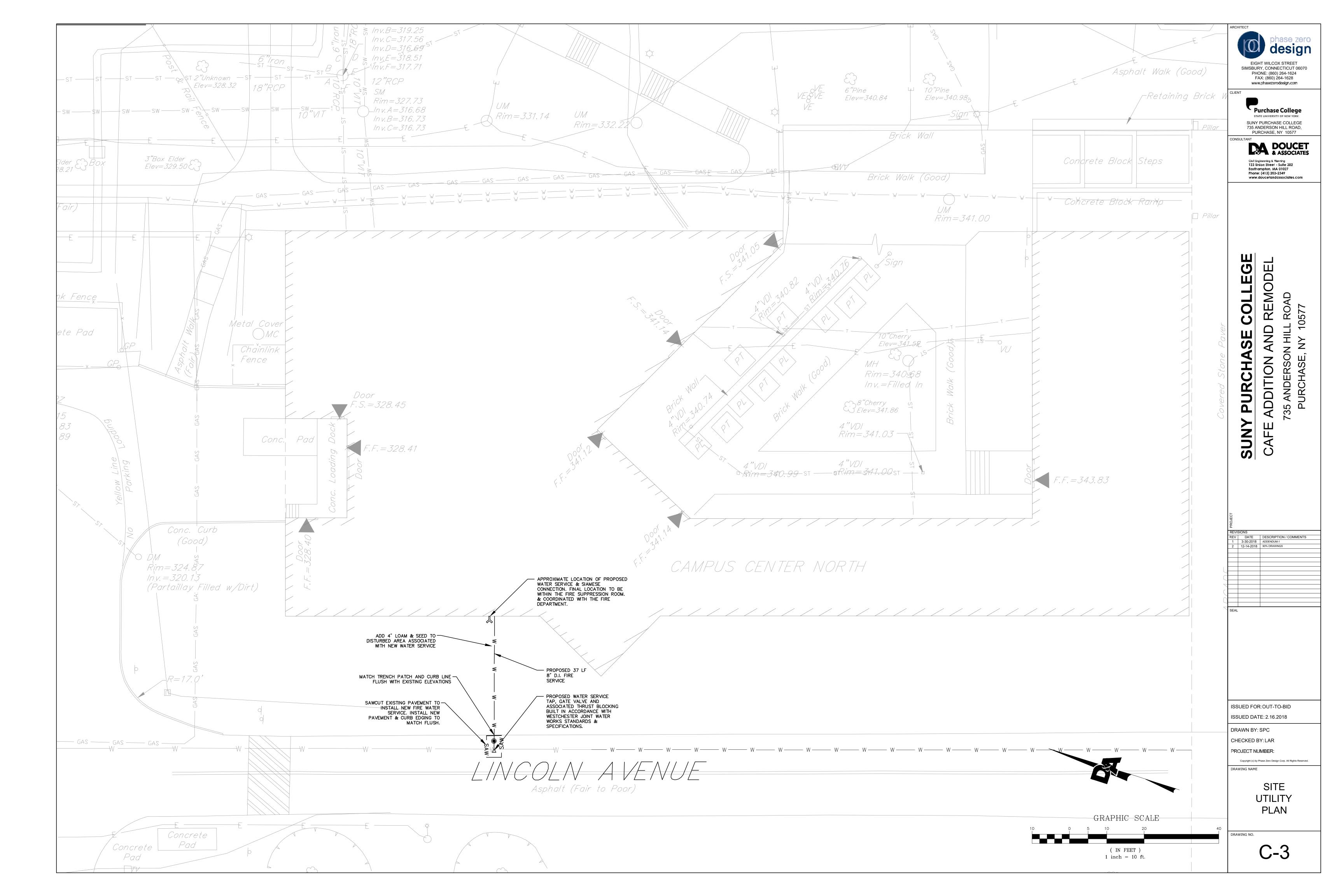
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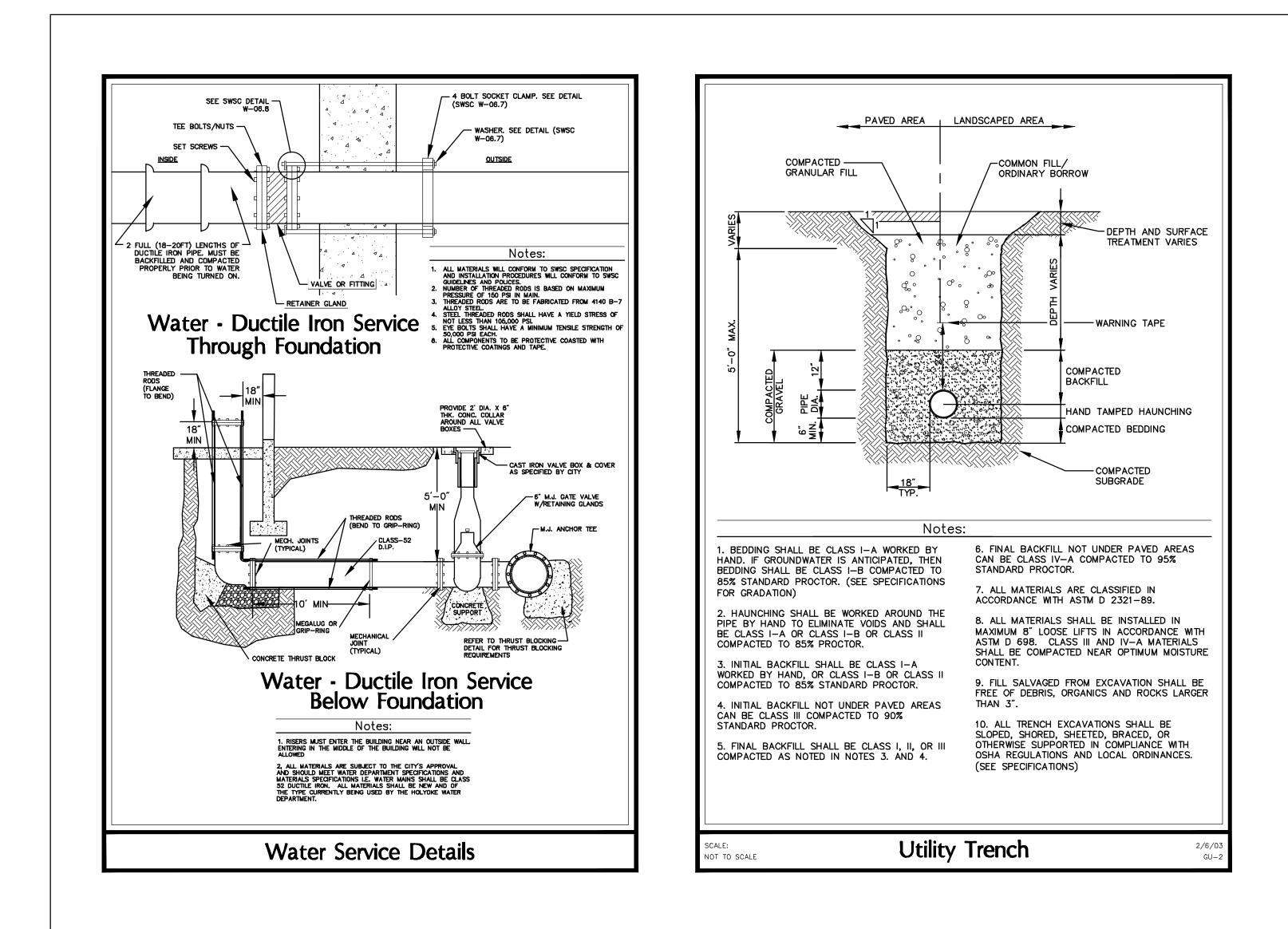
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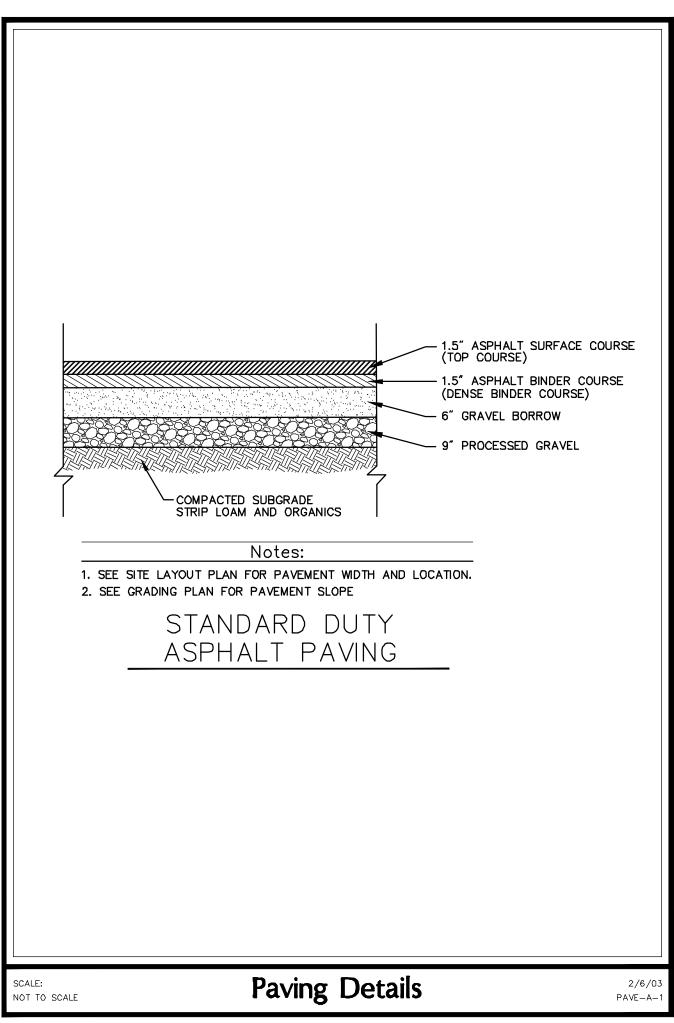
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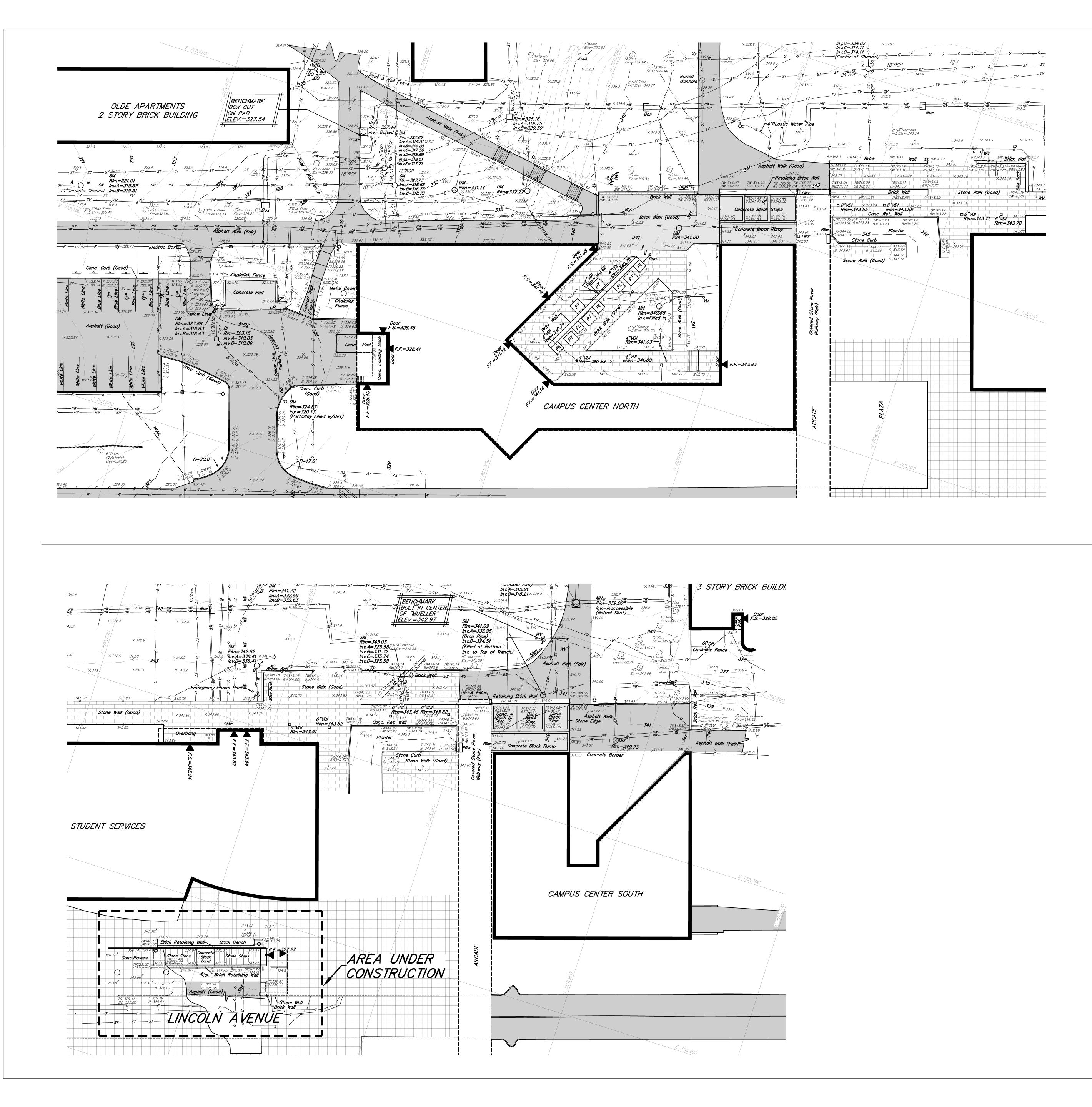
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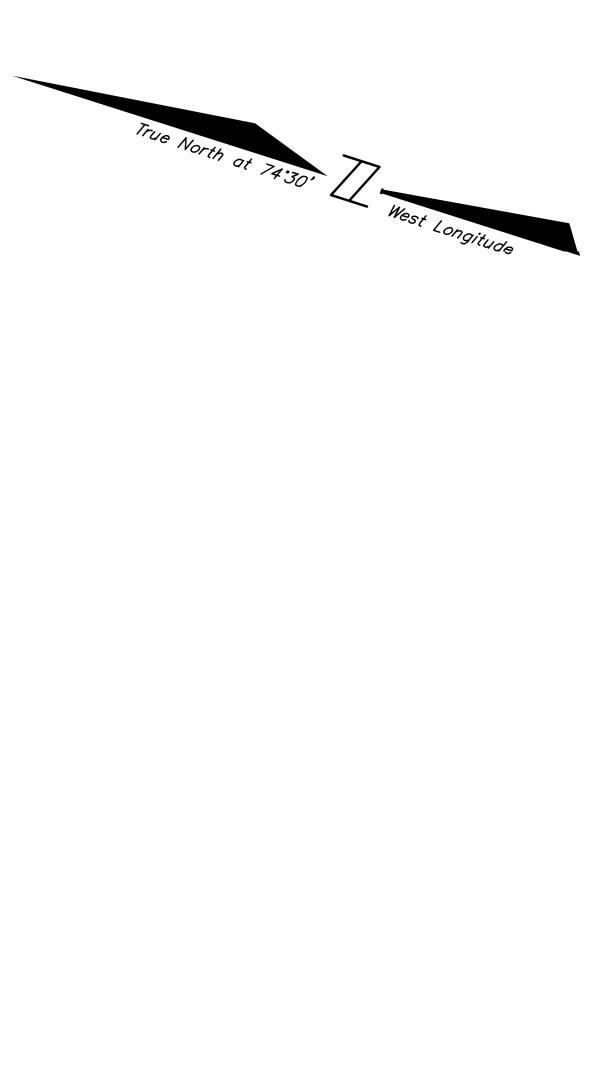


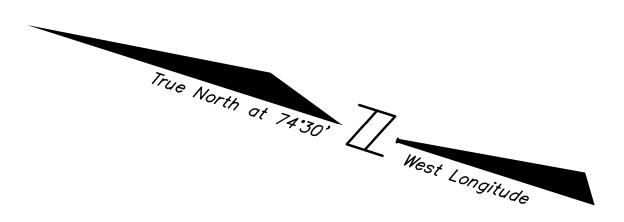




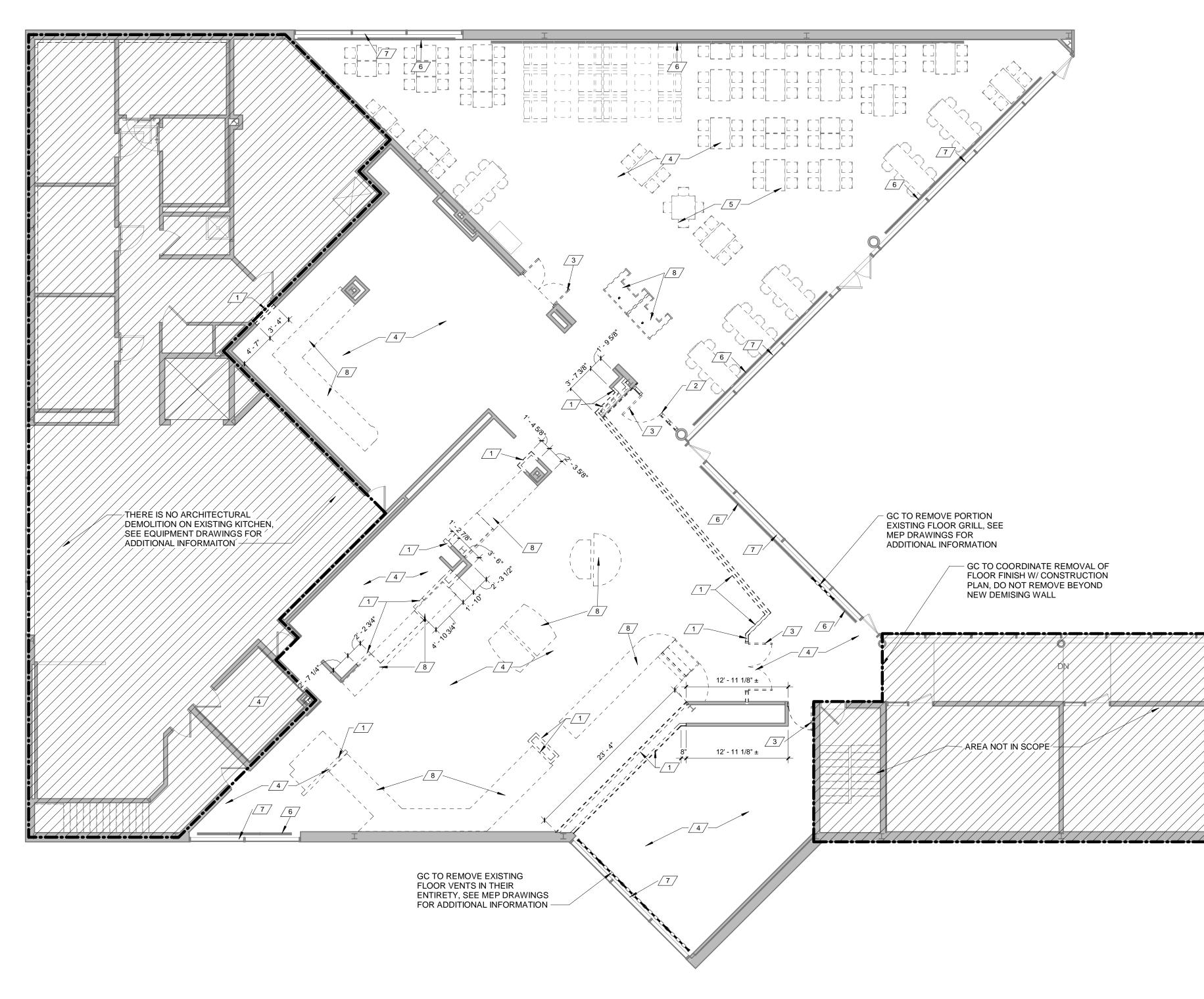
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State University Construction Fund REHABILITATE	
PLAZA EXTERIOR PATHWAYS	
State University of New York at Purchase College	
PRIME CONSULTANT:	
Abel Bainnson Butz, LLP LANDSCAPE ARCHITECTS/SITE PLANNERS 80 8th Avenue, Suite 1105 New York, NY 10011 p 212.206.0630 f 212.645.0048 www.abbnyc.com	
CIVIL MEP ENGINEER: CHU AND GASSMAN CONSULTING ENGINEERS 559 Union Avenue Middlesex, NJ 08846	
BUILDING ENVELOPE CONSULTANT: ERWIN LOBO BIELINSKI, PLLC 37 West 39th Street, Suite 1201 New York, NY 10018	
ENVIRONMENTAL ENGINEER: WARREN & PANZER ENGINEERS, P.C. 228 East 45th Street, 10th Floor New York, NY 10017	
COST CONSULTANT: TOSCANO CLEMENTS TAYLOR 227 Main Street Huntington, NY 11743	
PREPARED BY: BADEY & WATSON 3043 Route 9 Cold Spring, NY 10516	
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FOR ALL NOTES SEE SHEET 5 FOR LEGEND SEE SHEET 5	
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No. 512/20/11Additional TopographyNo. 48/4/11Additional Topography	
No. 36/24/11Additional TopographyNo. 26/2/11Sheet Set ReformedNo. 15/11/11Original Issue	
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Contract No. SUCF 29435 Drawn by: DAP Drawing No.	
Approved by: GJW Scale: 1"=20' TS105	
Date:APRIL 28, 2011 Sheet No. 9 of 58	



¹ DEMO FLOOR PLAN 1/8" = 1'-0"

DEMOLITION FLOOR PLAN NOTES

1. THE G.C. IS TO FIELD VERIFY ALL DIMENSIONS USING THE CONTSTRUCTION DOCUMENTS. IF ANY DISCREPANCIES EXISTING, G.C. TO MARK UP DRAWINGS THAT REFLECT THE ACTUAL CONDITION. FORWARD THEM TO THE ARCHITECT WITHIN (3) DAYS FOR REVIEW AND CLARIFICATION AS REQUIRED.

2. THE G.C. IS TO VERIFY THE EXISTING CONDITIONS OF THE SPACING INCLUDING BUT NOT LIMITED TO SLAB CONDITION AND ANY ISSUES THAT MAY EFFECT NEW FLOOR FINISH, IF ANY ISSUES EXIST, CONTACT ARCHITECT.

3. NO DEMOLITION SHALL TAKE PLACE OUTSIDE OF THE SCOPE OF WORK WITHOUT THE APPROVAL OF THE OWNER. OF THE OWNER.
4. GC IS TO REFER TO Q010 EQUIPMENT DEMO LAYOUT FOR ADDITIONAL DEMOLITION NOTES.
5. GC TO REFER STRUCTURAL DRAWINGS AND MEP DRAWINGS FOR ADDITIONAL DEMOLITION NOTES.
6. PATCH ALL FLOOR OPENINGS, EXPOSED FROM DEMOLTION WITH RATED CONSTRUCTION TO MAINTAIN 2 HOUR SEPERATION PER UL#D907
7. GC SHALL COORDINATE THE REMOVAL AND STORAGE OF ALL EXISTING EQUIPMENT TO BE DELISED

REUSED. 8. GC SHALL PATCH ALL WALLS TO REMAIN WHICH MAY HAVE RECEIVED DAMAGE DURING DEMOLTION.

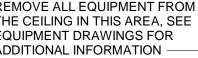
FLOOR DEMOLITION SCHEDULE

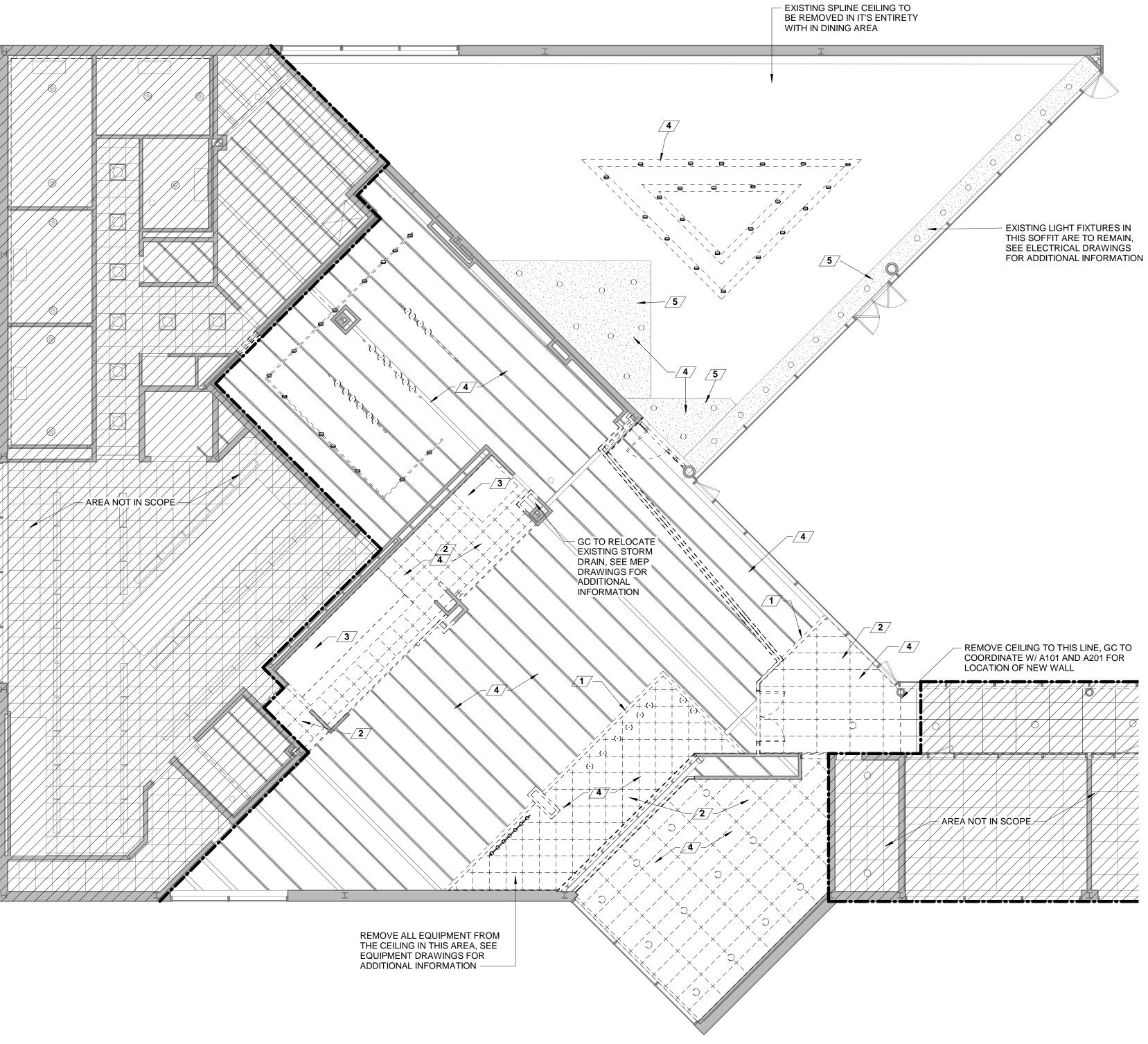
- DEMOLISH PORTION OF EXISTING WALL CONSTRUCTION. DEMOLISH EXISTING STOREFRONT SYSTEM.
- REMOVE EXISTING DOOR AND FRAME.
- 4 REMOVE EXISTING FLOOR FINISH AND WALL BASE. ALL EXISTING FURNITURE TO BE STORED FOR REINSTALLATION.
- EXISTING FLOOR VENTS TO REMAIN, GC TO PROTECT AS NEEDED DURING CONSTRUCTION.
- 7 EXISTING WINDOW TO REMAIN, PROTECT AS NEEDED DURING DEMOLITION.
 8 REMOVE EXISTING MILLWORK AND ALL ASSOCIATED EQUIPMENT AND UTILITIES.













	1	REMOVE EXISTI
	2	REMOVE PORTION
	3	EXISTING KITCH
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	CEILIN	NG DEMOL
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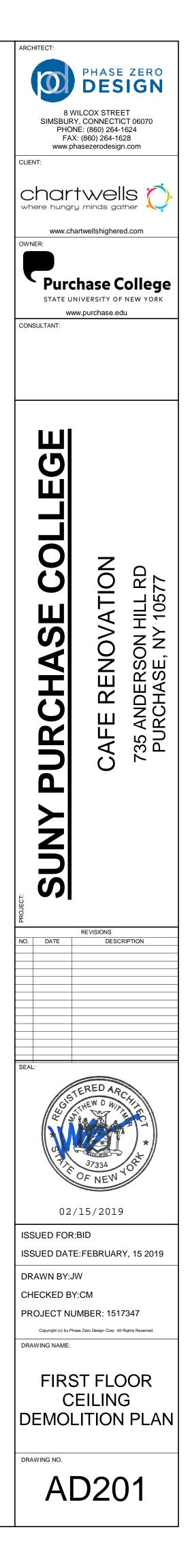
CEILING DEMOLITION CODED NOTES

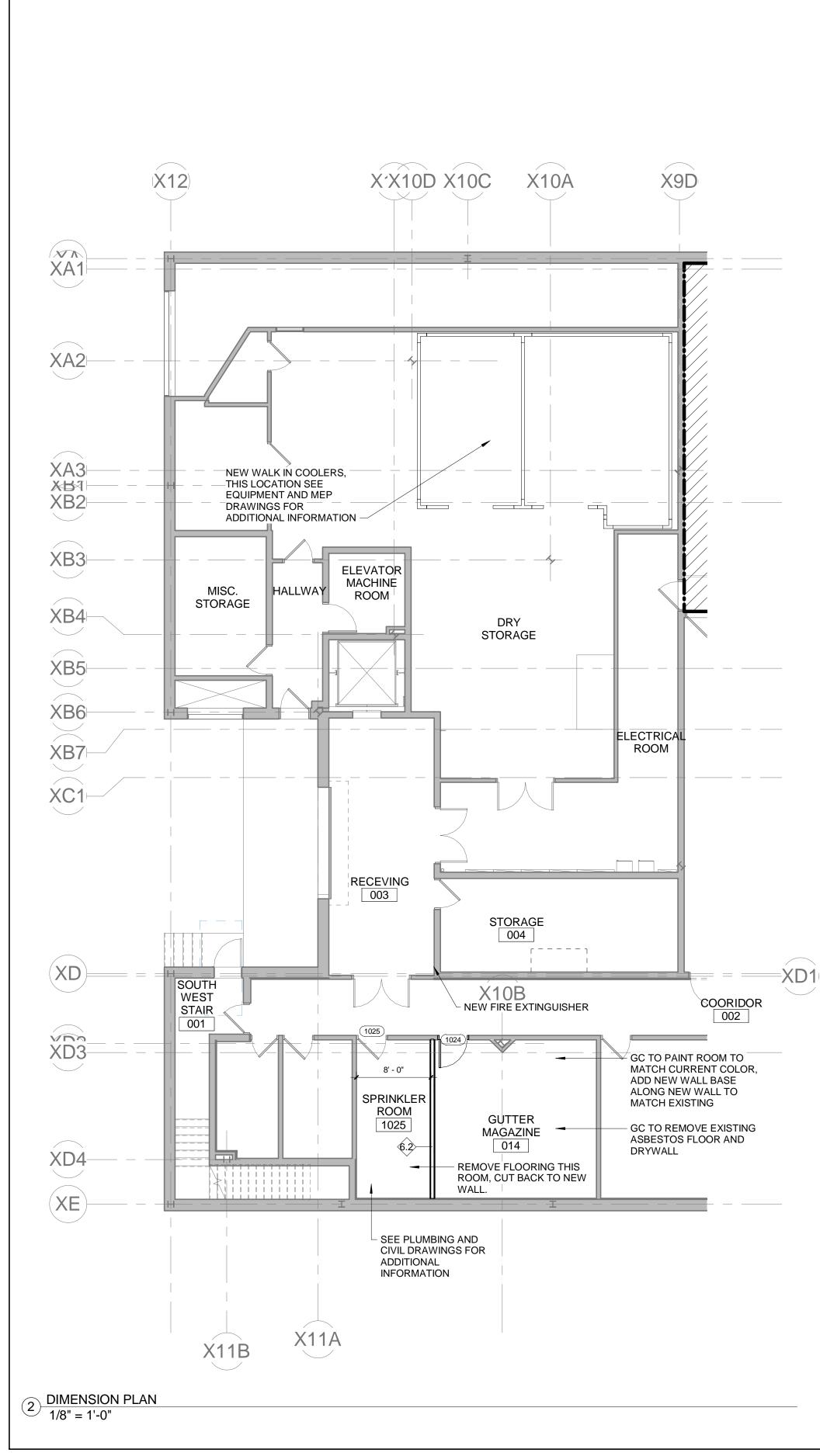
TING GYPSUM CEILING/SOFFIT IN IT'S ENTIRETY. TION OF EXISTING ACT TILE CEILING IAND GRID.

HEN HOOD TO REMAIN, SEE EQUIPMENT DRAWINGS. PROTECT DURING CONSTRUCTION. EXISTING LIGHT FIXTURES IN THIS AREA UNLESS OTHERWISE NOTED. PATCH & REPAIR CEILING AS REQUIRED

LITION NOTES

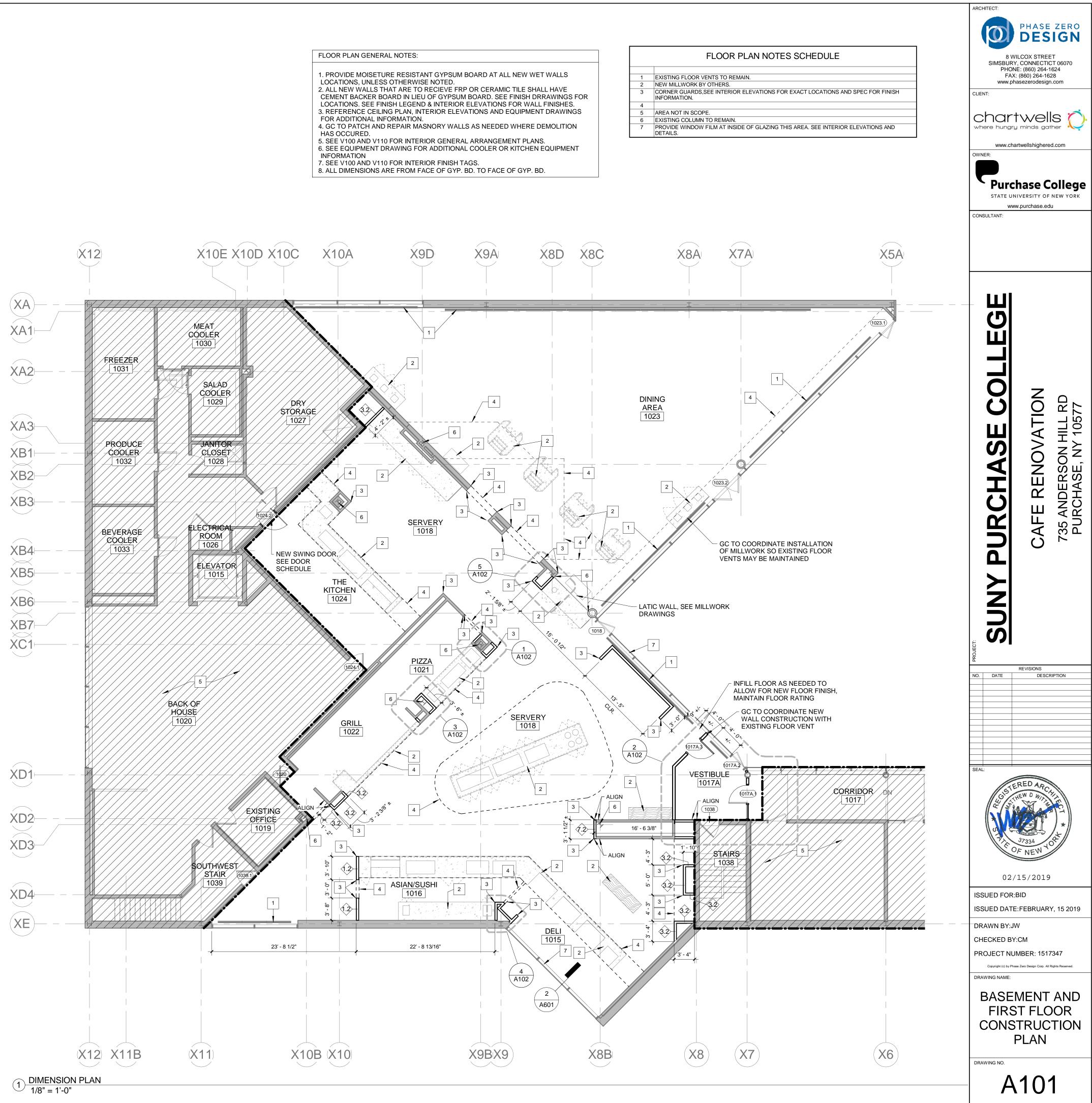
QUIPMENT DRAWINGS FOR ADDITIONAL DEMOLITION REFER TO MEP DRAWINGS FOR ADDITIONAL DEMOLITION NOTES.
 GC SHALL PATCH ALL WALLS AND SOFFITS TO REMAIN WHICH MAY HAVE BEEN DAMAGED DURING DEMOLITION.

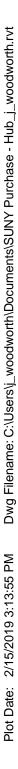


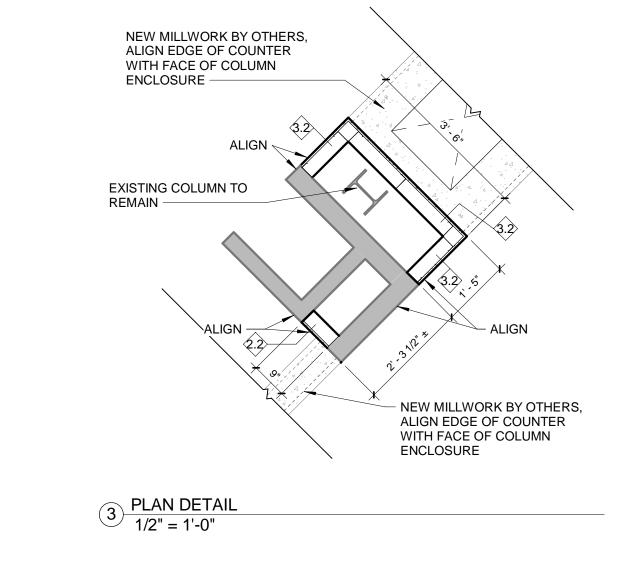


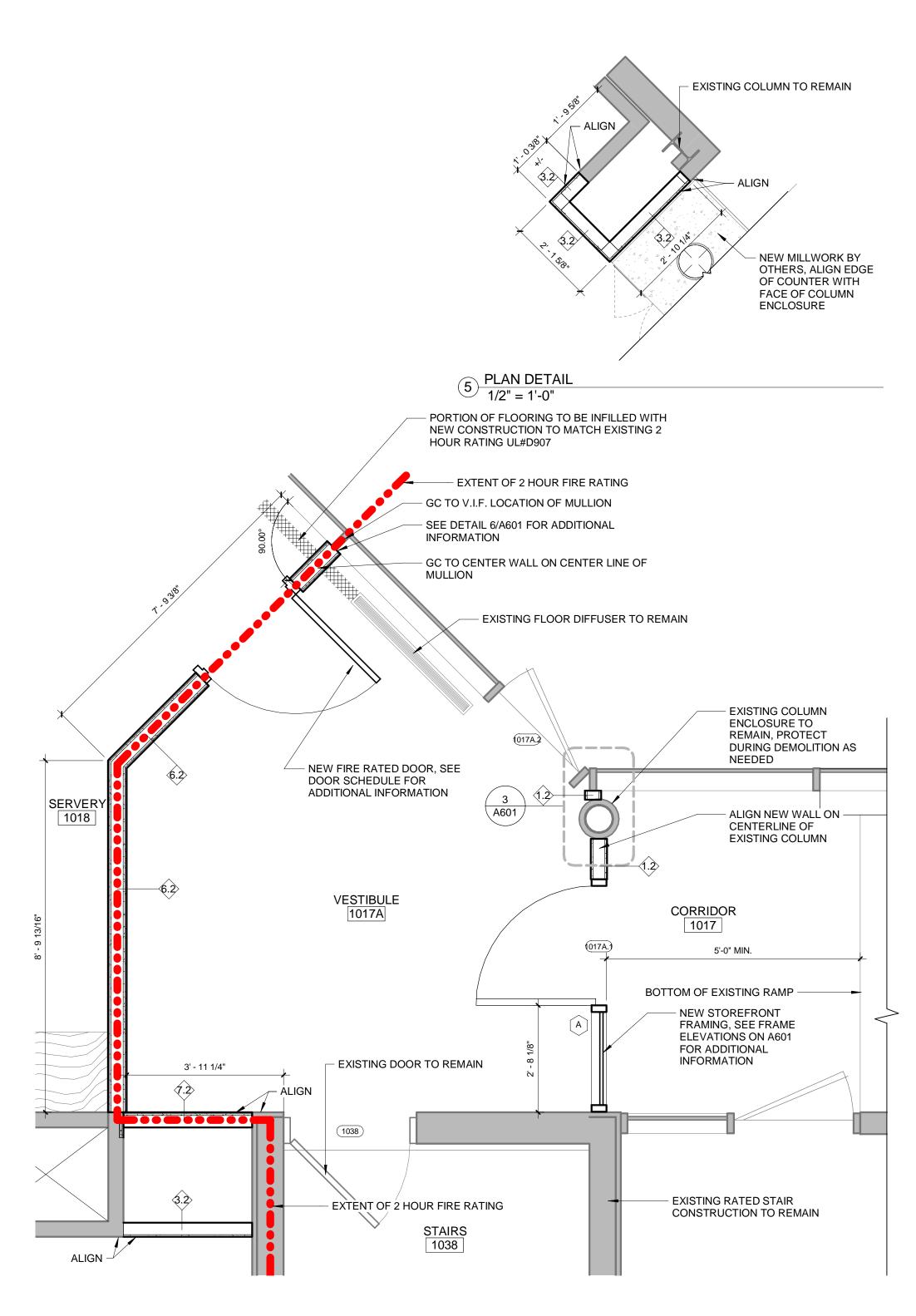
FLOOR PLAN GENERAL NOTES:

- LOCATIONS. SEE FINISH LEGEND & INTERIOR ELEVATIONS FOR WALL FINISHES.
- FOR ADDITIONAL INFORMATION.
- 5. SEE V100 AND V110 FOR INTERIOR GENERAL ARRANGEMENT PLANS.
- INFORMATION

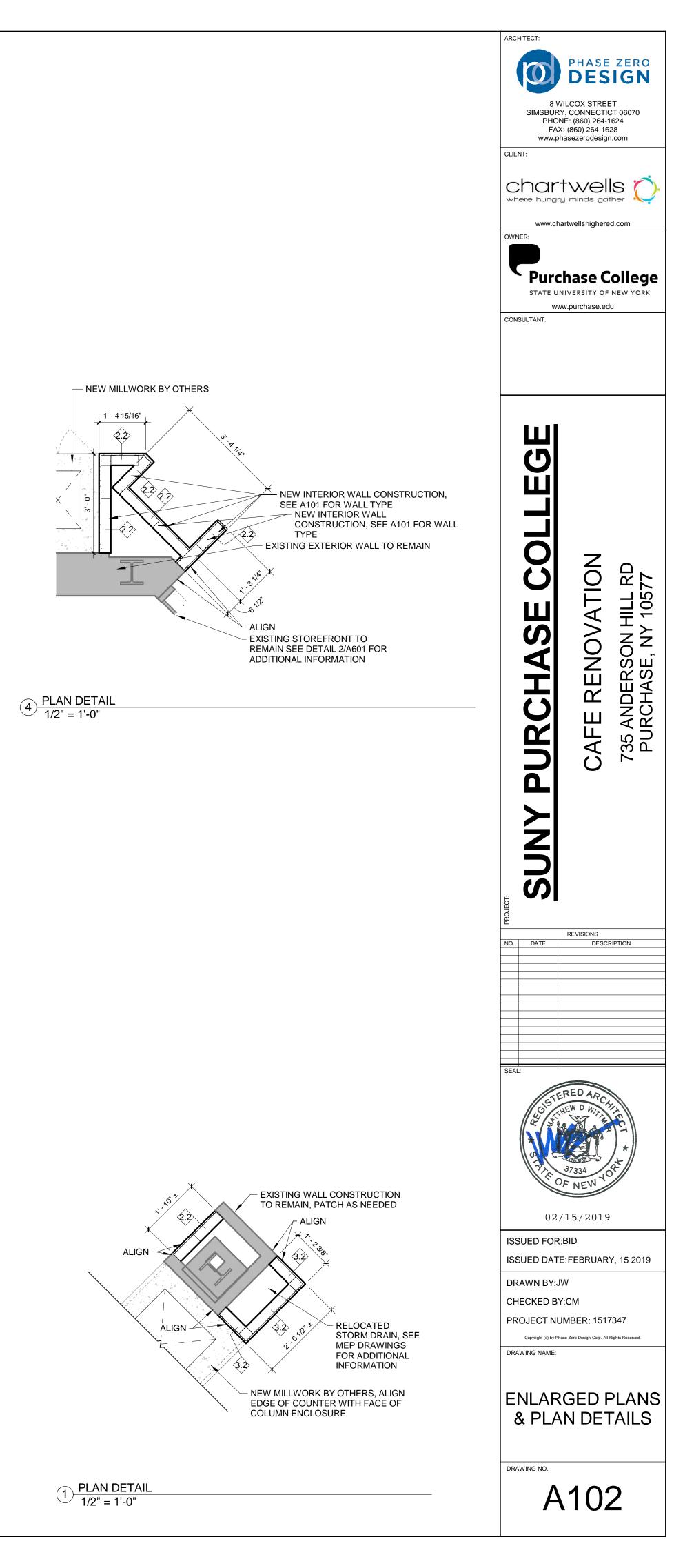


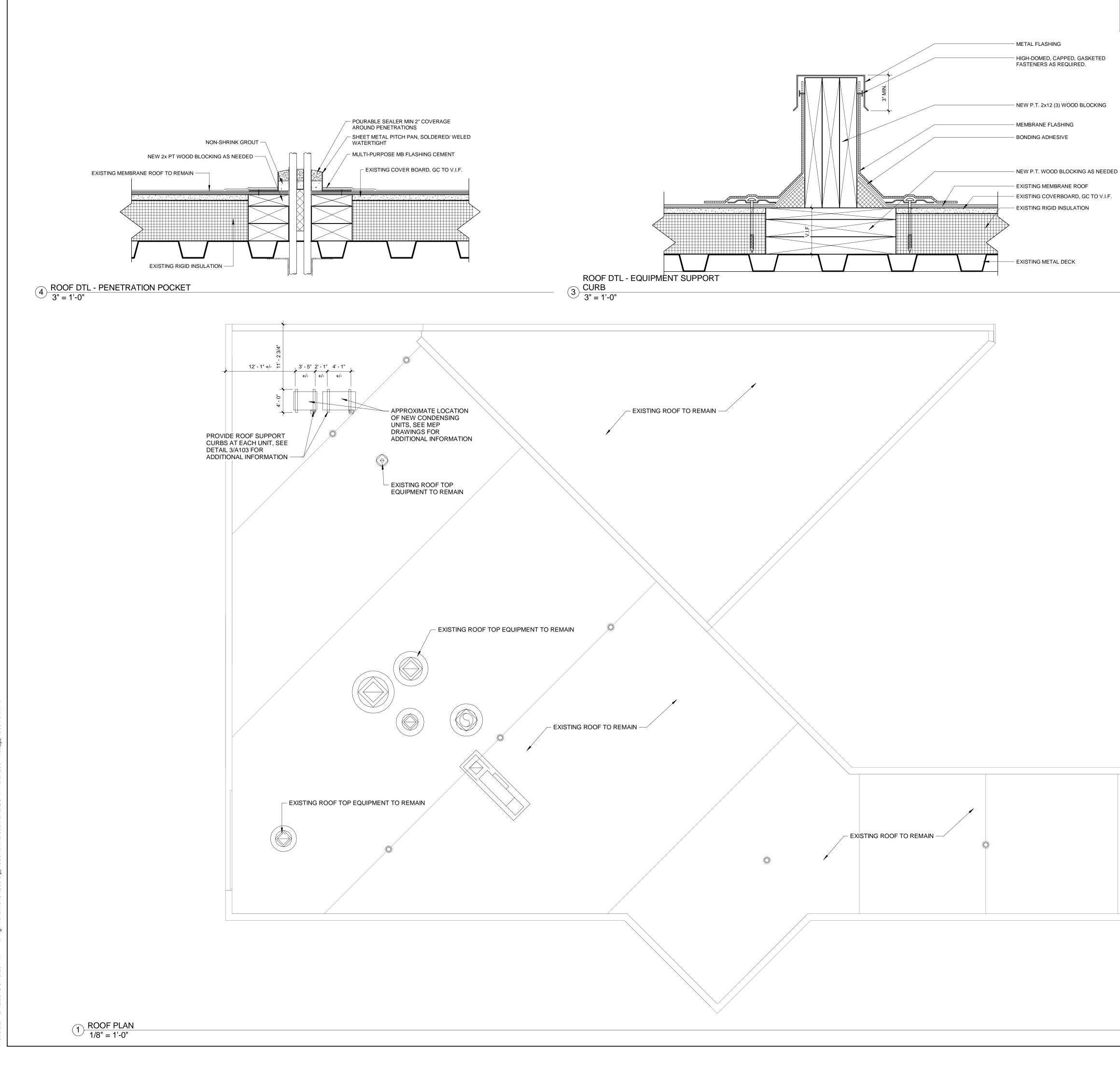






 $(2) \frac{\text{PLAN DETAIL @ EXISTING HALLWAY}}{1/2" = 1'-0"}$





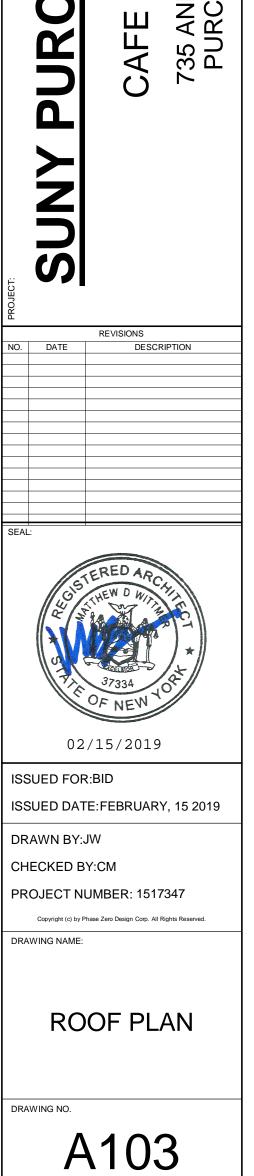
GENERAL ROOFING NOTES:

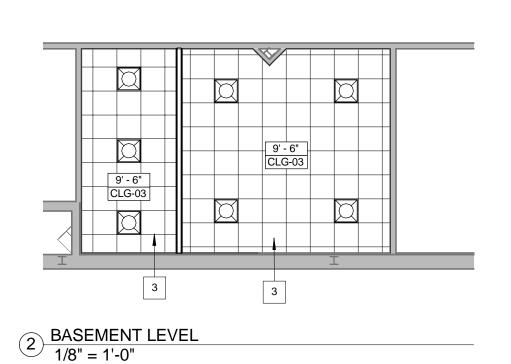
ALL EXISTING ROOF TOP EQUIPMENT IS TO REMAIN.
 GC TO PROVIDE A PITCH POCKET AT EACH CONDENSING UNIT, SEE DETAIL, 3/A103 FOR ADDITIONAL INFORMATION.

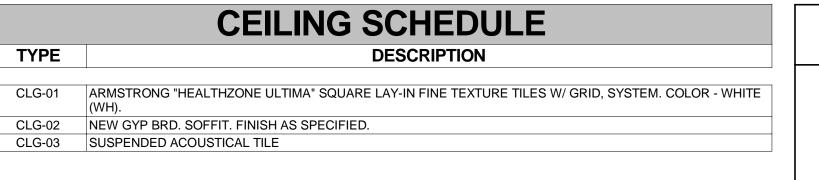
PHASE ZERO DESIGN 8 WILCOX STREET SIMSBURY, CONNECTICT 06070 PHONE: (860) 264-1624 FAX: (860) 264-1628 www.phasezerodesign.com CLIENT: chartwells (where hungry minds gather www.chartwellshighered.com OWNER: > Purchase College STATE UNIVERSITY OF NEW YORK www.purchase.edu CONSULTANT: COLLEGE CAFE RENOVATION 735 ANDERSON HILL RD PURCHASE, NY 10577 ШS PURCHA

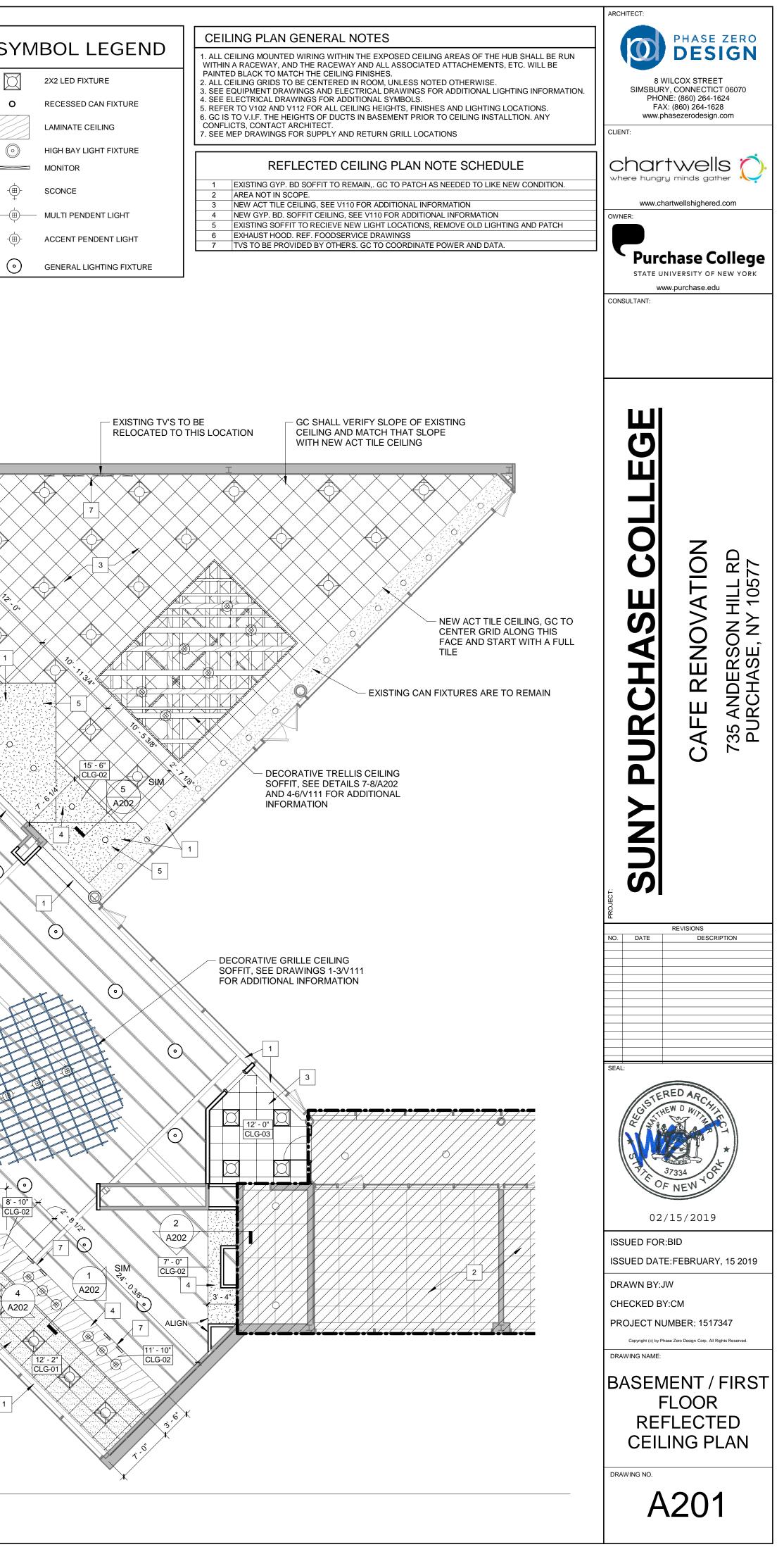
ARCHITECT:

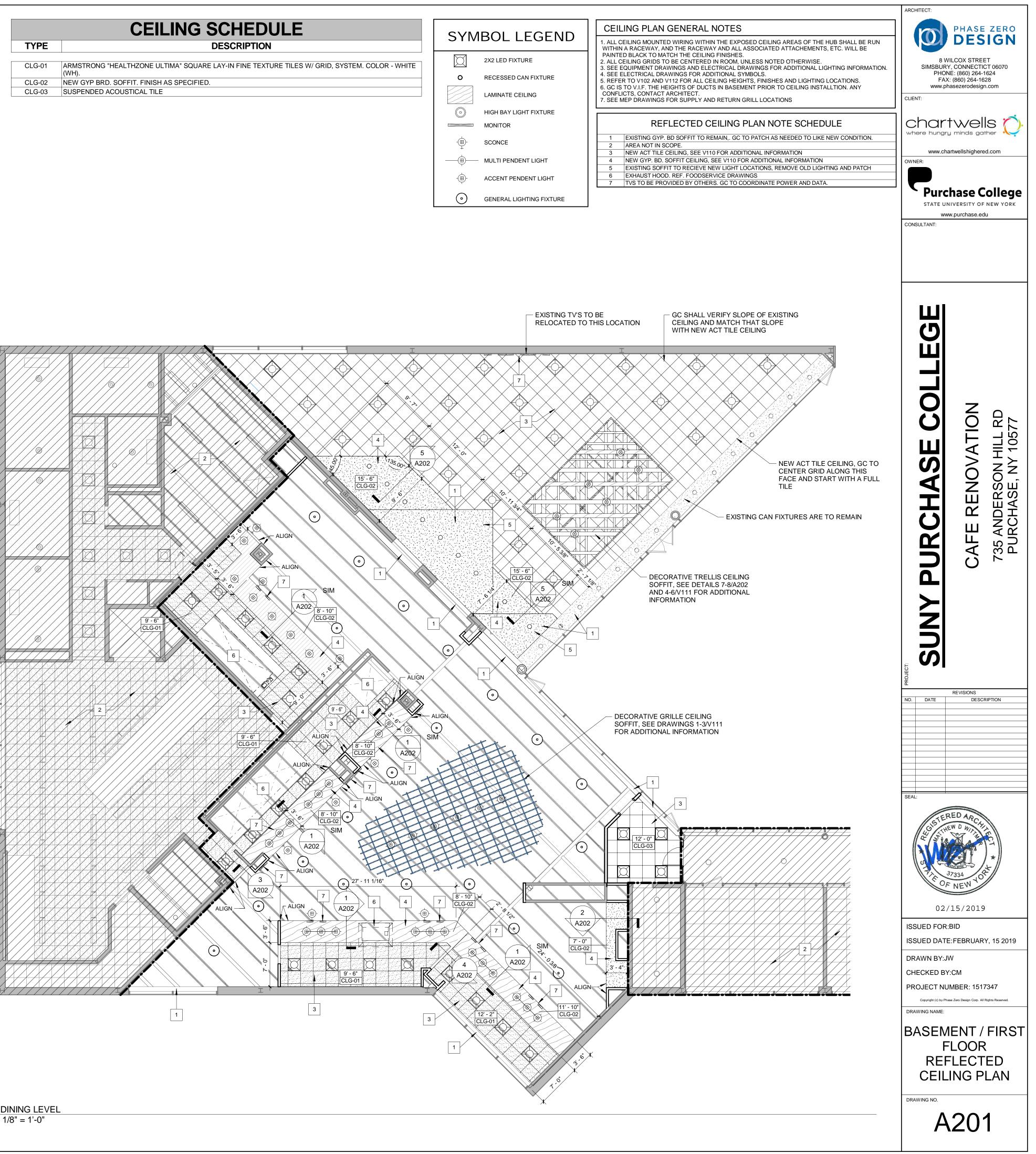
 \mathbf{O}



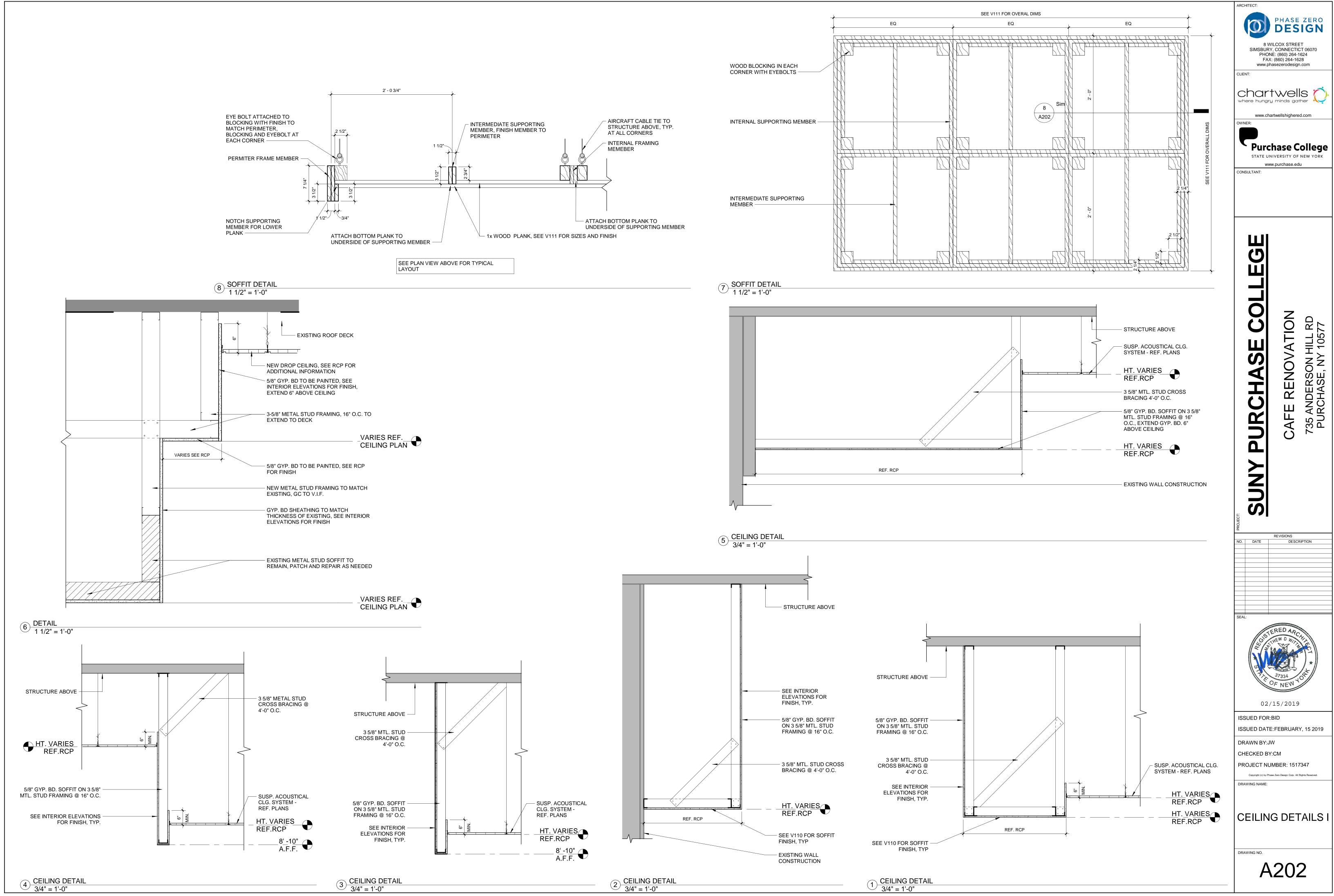




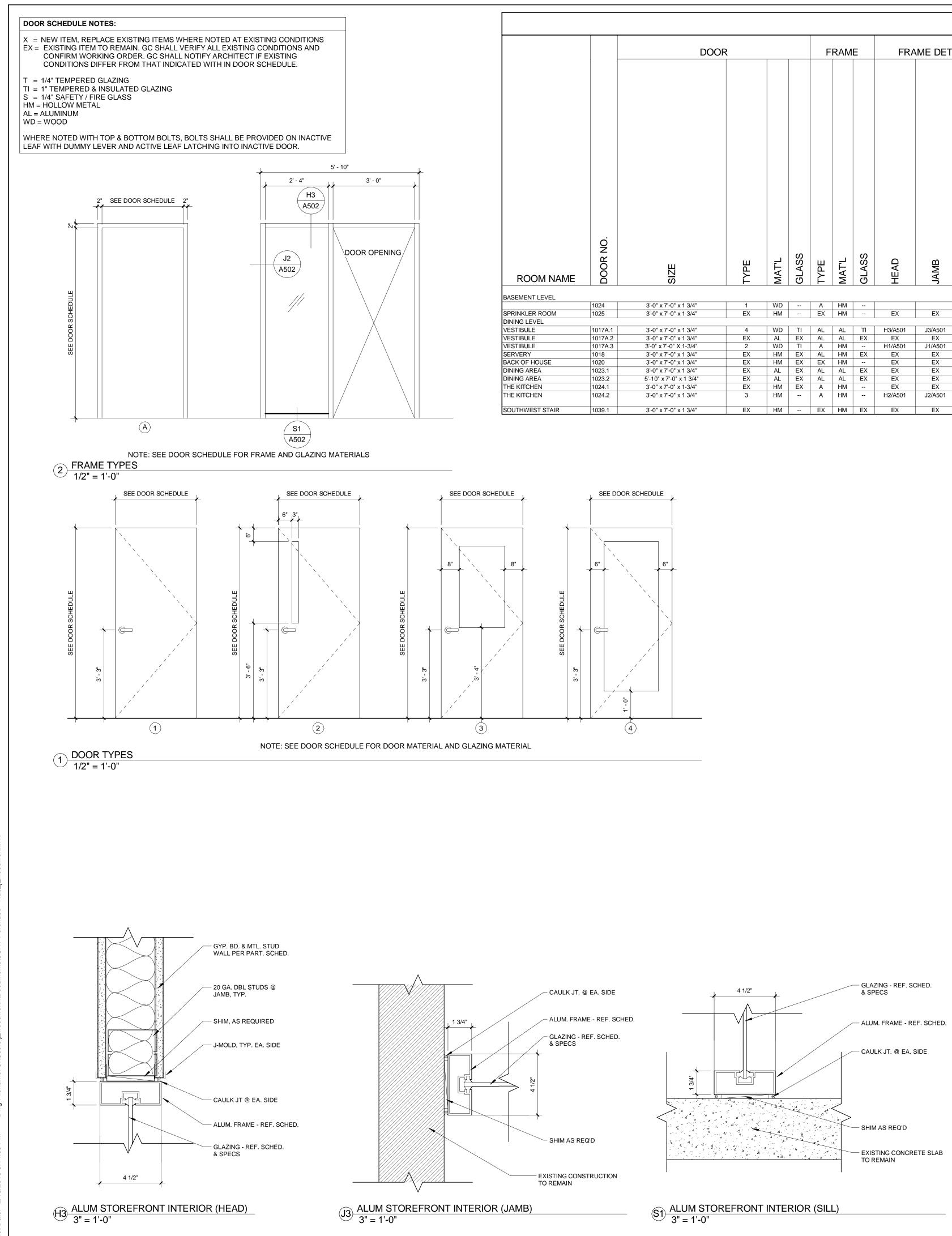




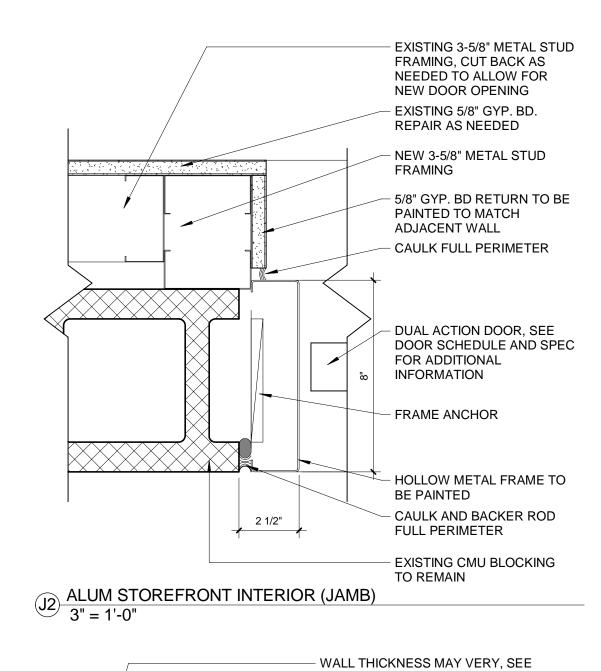
1 DINING LEVEL 1/8" = 1'-0"



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													DC	OOR S	SCHE	DUL	E																			
	DOC	R			F	RAM	E	FR/	AME DET/	AILS			e coe Req.		ADA	REQ		L	OCKS	ET						ſ	MISC	. HAF	RDWA	RE						
DOOR NO.	SIZE	TYPE	MAT'L	GLASS	ТҮРЕ	MAT'L	GLASS	HEAD	JAMB	THRESHOLD	FIRE RATING (HOURS)	AUTOMATIC CLOSER			ADA LEVEK HANDLES		ADA IACTILE WAKN. PASSAGE	ENTRY	CLASSROOM	OFFICE	STORE ROOM	BUTTS (PAIRS)	ELECTRIC EXIT DEVISE / LOCKSET	PUSH PLATE	KICK PLATES	PULL HANDLES	PUSH BAR	SILENCERS		VERTICAL RODS	WALL STOP	WEATHER STRIP	LATCH SECURITY PLATE	TOP & BOTTOM BOLTS	PIN PAD / & ELECTRIC HINGE ACCESS CONTROL	REMARKS
					1																														-	
024	3'-0" x 7'-0" x 1 3/4" 3'-0" x 7'-0" x 1 3/4"	1 EX	WD HM			HM HM		EX	EX		1.5 1.5			X EX E	X			_	X		X	1.5 EX						3 EX	X X		X EX					<u> </u>
025	3-U XI-U XI 3/4							ΕΛ	EA		0.1 I.5				~						^	ΕΛ							^		EV.					
017A.1	3'-0" x 7'-0" x 1 3/4"	4	WD	TI	AL	AL	TI	H3/A501	J3/A501			Х	X	x	X				X			1.5			Х			3	X		Х	Х				
017A.2	3'-0" x 7'-0" x 1 3/4"	EX	AL	EX	AL	AL	EX	EX	EX	EX		EX		-				EX				EX				EX	EX		EX			EX				
017A.3	3'-0" x 7'-0" X 1-3/4"	2	WD	TI				H1/A501	J1/A501		1.5		Х	X	x				X			1.5			X				X			X				
018	3'-0" x 7'-0" x 1 3/4"	EX	HM			HM		EX	EX	EX		EX						EX				EX				EX	EX		EX			EX				
020	3'-0" x 7'-0" x 1 3/4"	EX	HM			HM		EX	EX			EX		EX	x				X			EX			X			EX			EX				1	
023.1	3'-0" x 7'-0" x 1 3/4"	EX	AL			AL		EX	EX	EX		EX						EX				EX				EX			EX			EX			1	
023.2	5'-10" x 7'-0" x 1 3/4"	EX	AL			AL		EX	EX	EX		EX						EX				EX				EX			EX	EX		EX				
024.1	3'-0" x 7'-0" x 1-3/4"	EX	HM			HM		EX	EX				X	EX E	x		X					EX						EX			EX					
024.2	3'-0" x 7'-0" x 1 3/4"	3	HM			HM		H2/A501	J2/A501															Х	X											DUAL ACTION DOOR WITH (3) SELF CLOSI DUAL ACTION HINGES
039.1	3'-0" x 7'-0" x 1 3/4"	EX	HM		EX	HM	EX	EX	EX		1.5	EX	EX	EX E	X				EX			EX			Х		EX	EX	EX		EX					



CONSTRUCTION PLAN FOR WALL

- HOLLOW METAL FRAME ANCHOR

- DOOR, SEE DOOR SCHEDULE FOR ADDITIONAL INFORMATION

HOLLOW FRAME TO BE PAINTED,

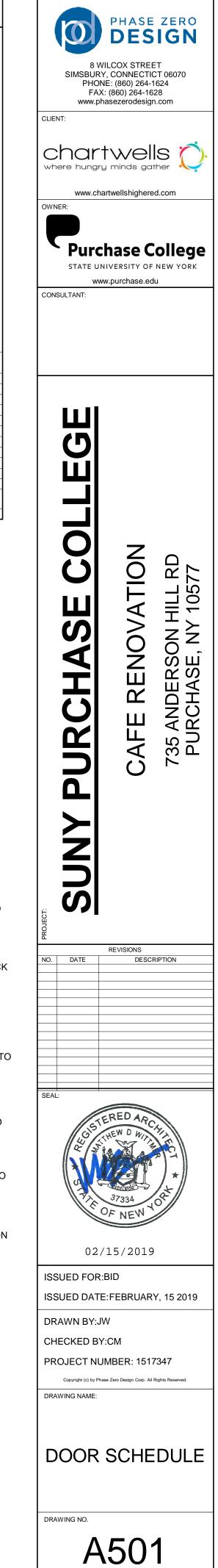
SEE FINISH SCHEDULE

TYPE LOCATIONS

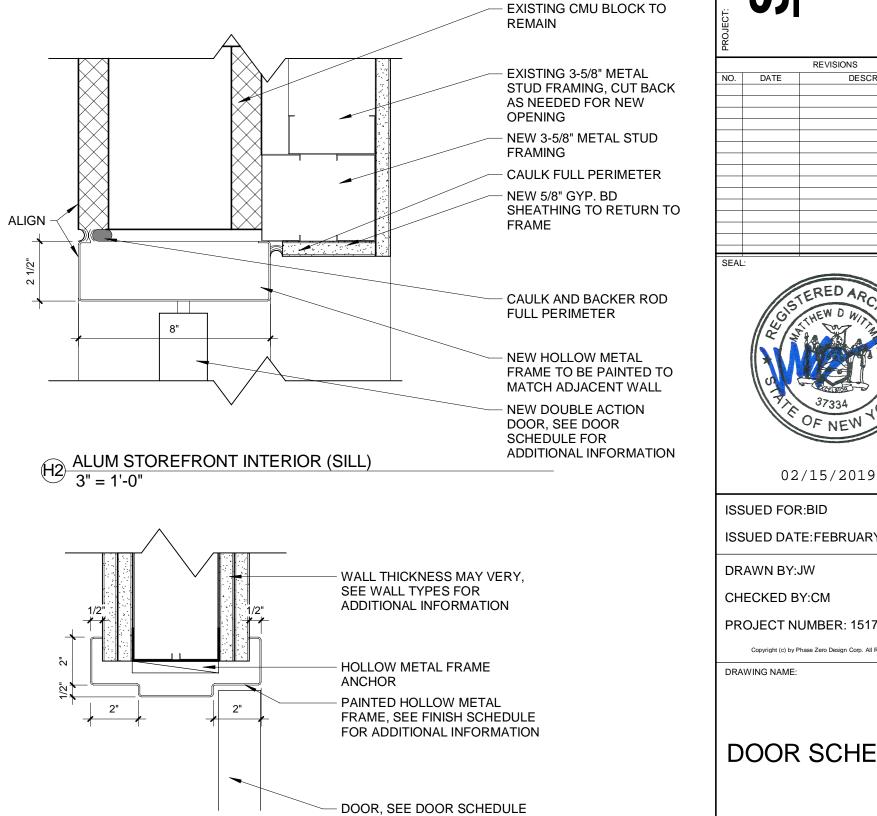
(J1) TYP. INTERIOR DOOR JAMB 3" = 1'-0"

2" 1/2"

~~ —



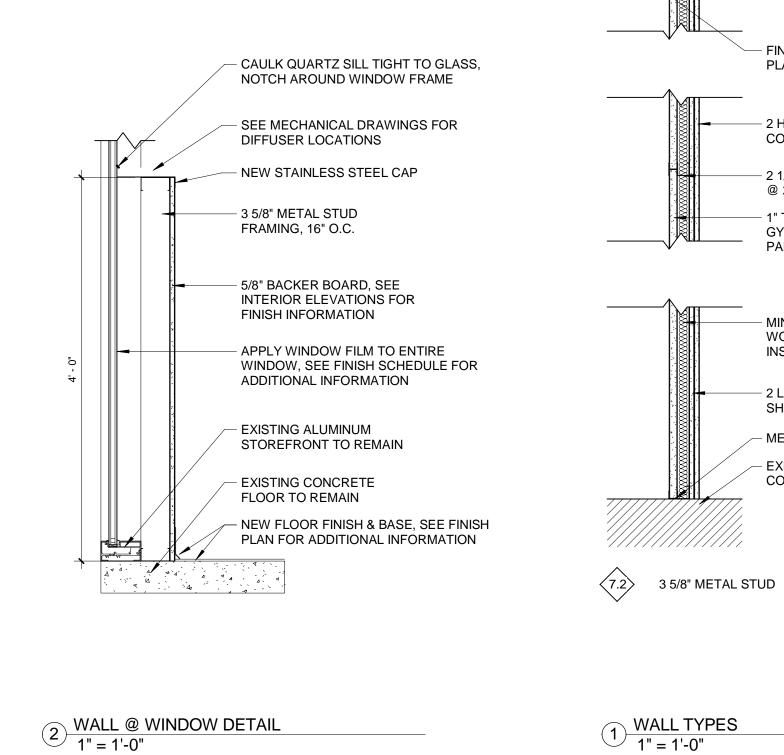
ARCHITECT:

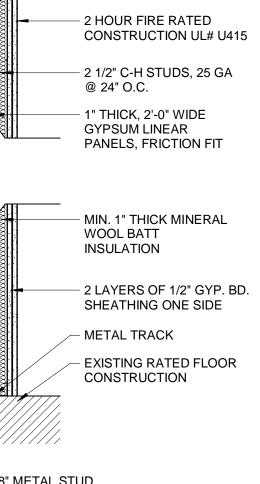


FOR ADDITIONAL INFORMATION

H1 INTERIOR DOOR HEAD DETAIL 3" = 1'-0"



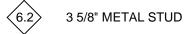




FINISH CEILING, SEE CEILING PLAN FOR NOTES & HEIGHTS

CAULK EACH SIDE - RATED DEFECTION TRACK PER FIRE RATED STANDARD OF MANUFACTURER STANDARDS - EXTEND STUDS TO BOTTOM OF STRUCTURE ABOVE - EXTEND GYP. BD. TO DECK

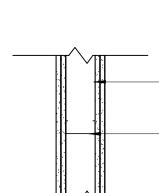
– INFILL ALL GAPS WITH MINERAL WOOL BATT INSULATION, FIRE



– 2 LAYERS OF 5/8" GYP. BD. SHEATHING EACH SIDE - METAL TRACK - EXISTING RATED FLOOR CONSTRUCTION

5.2

- SOUND ATTENUATING BATT INSULAITON, FIT TO WALL THICKNESS @ 008 & 106 ONLY



- RATED DEFECTION TRACK PER FIRE RATED STANDARD OF MANUFACTURER STANDARDS - EXTEND STUDS TO BOTTOM OF STRUCTURE ABOVE - EXTEND GYP. BD. TO DECK

- INFILL ALL GAPS WITH MINERAL WOOL BATT INSULATION, FIRE CAULK EACH SIDE

- FINISH CEILING, SEE CEILING

PLAN FOR NOTES & HEIGHTS

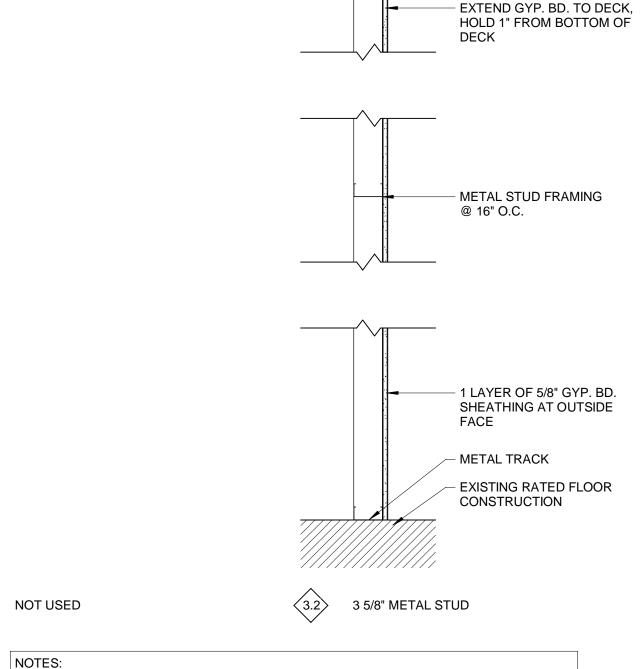
2 HOUR FIRE RATED

- METAL STUD FRAMING

@ 16" O.C.

CONSTRUCTION UL# U419

1. SEE FINISH SCHEDULE FOR WALL BASE INFORMATION. 2. PROVIDE MOISTURE RESISTANT GYP. BD. AT KITCHEN, AND WET WALL LOCATIONS 3. PROVIDE CEMENT BACKER BOARD AT ALL TILE FINISH LOCATIONS IN LIEU OF GYP. BD.



- SLIP TRACK

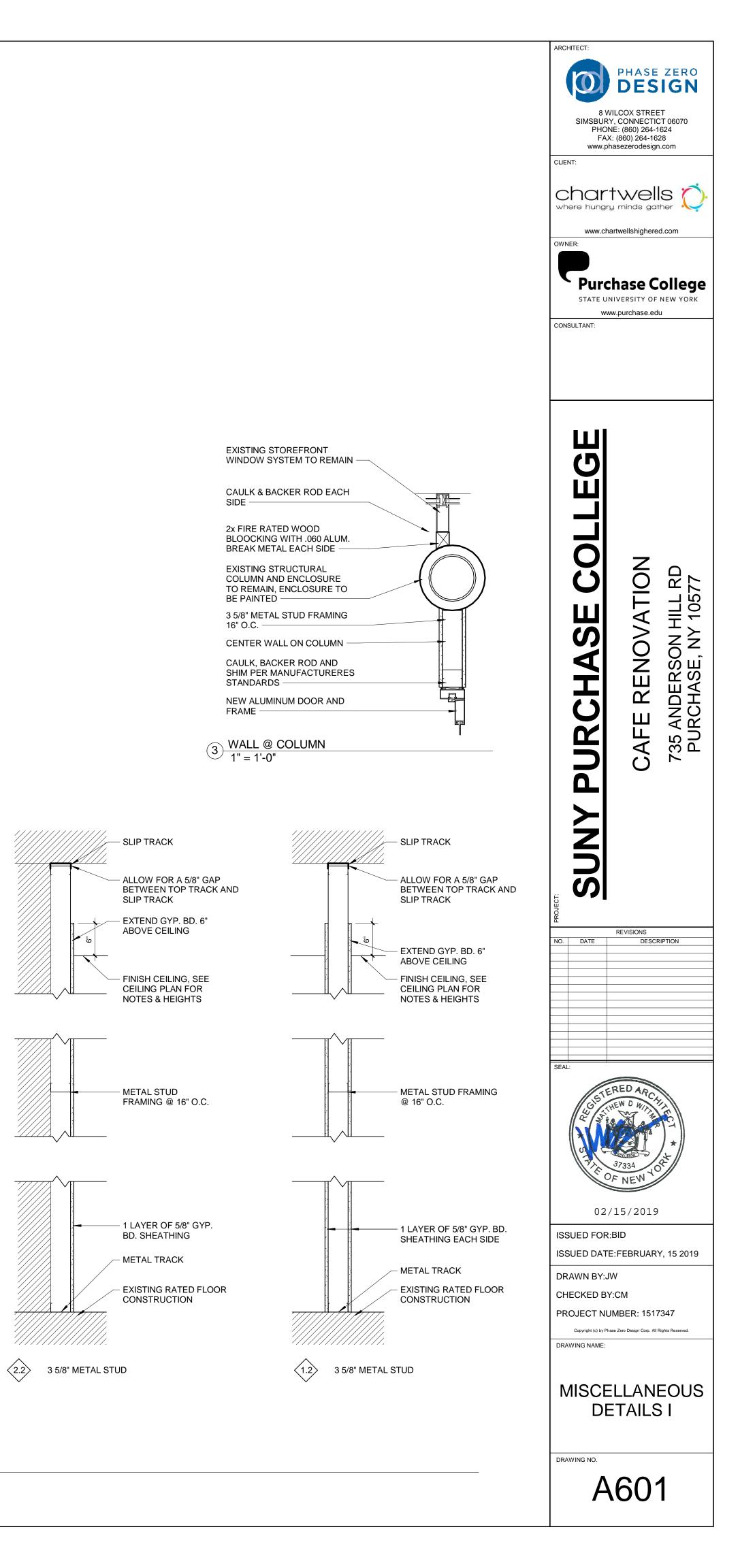
SLIP TRACK

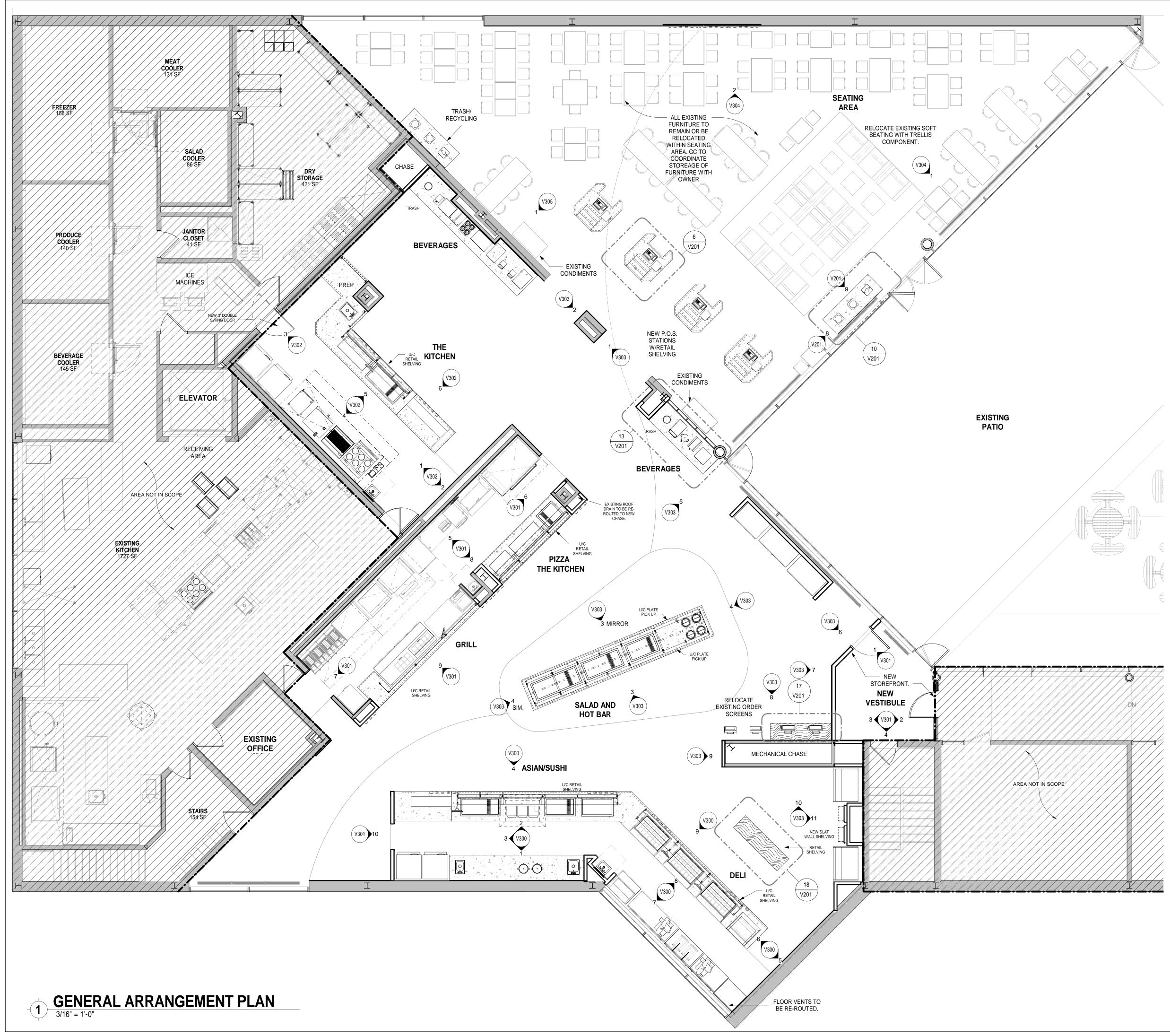
ALLOW FOR A 5/8" GAP

OF STRUCTURE ABOVE

BETWEEN TOP TRACK AND

- EXTEND STUDS TO BOTTOM



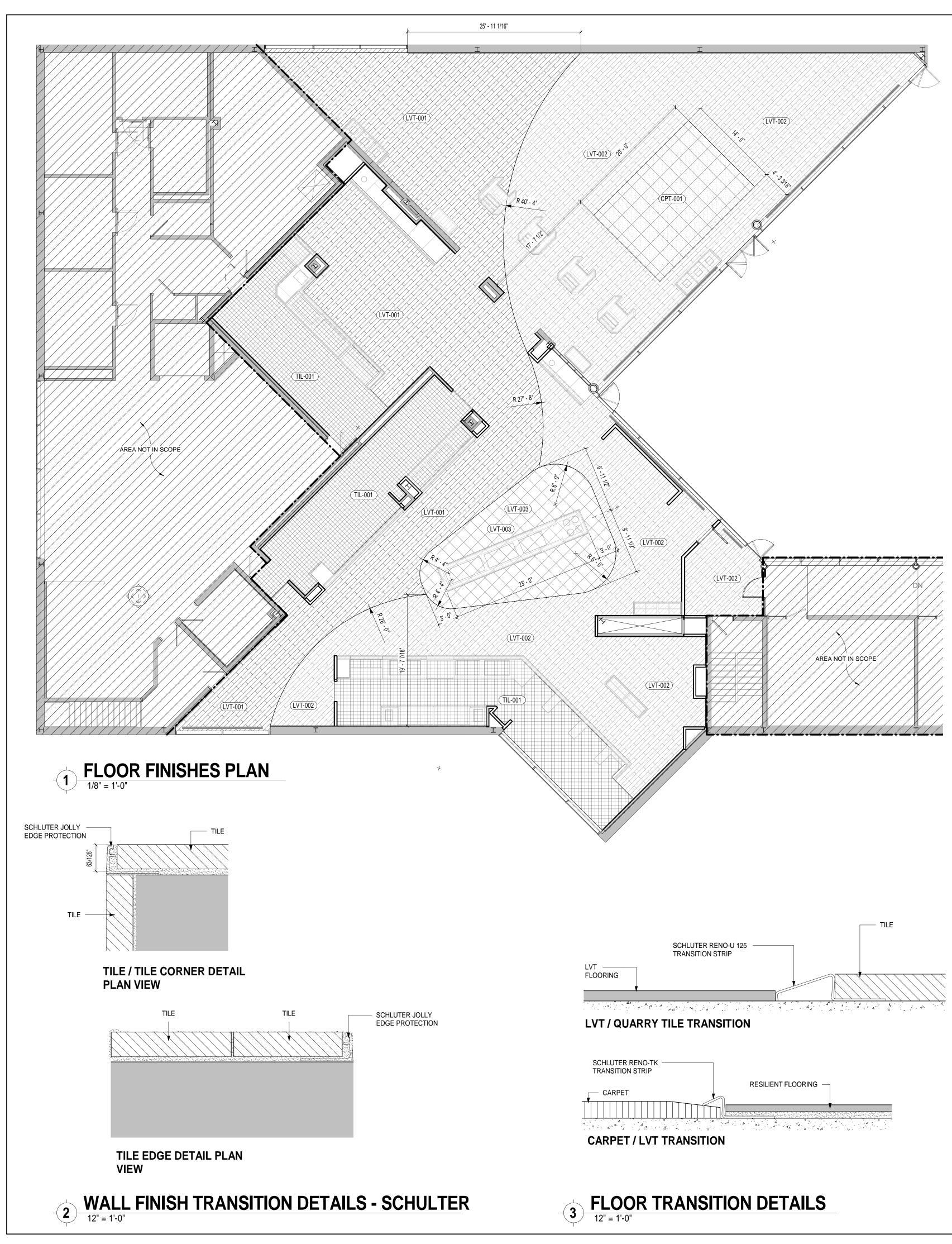


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GENERAL ARRANGEMENT PLAN GENERAL NOTES

- 1. REFERENCE ARCHITECTURAL DRAWINGS FOR
- CONSTRUCTION LAYOUT PLANS.
- 2. SEE EQUIPMENT DRAWINGS FOR ADDITIONAL EQUIPMENT DRAWINGS (EQUIPMENT TO BE PROVIDED BY OTHERS). GC TO COORDINATE UTILITIES TO ALL EQUIPMENT WITH EQUIPMENT VENDOR.
- SEE MEP DRAWINGS FOR ADDITIONAL INFORMATION.
 MILLWORK TO BE PROVIDED BY OTHERS, GC TO COORDINATE WITH MILLWORK VENDOR AND ALL UTILTIES TO MILLWORK.

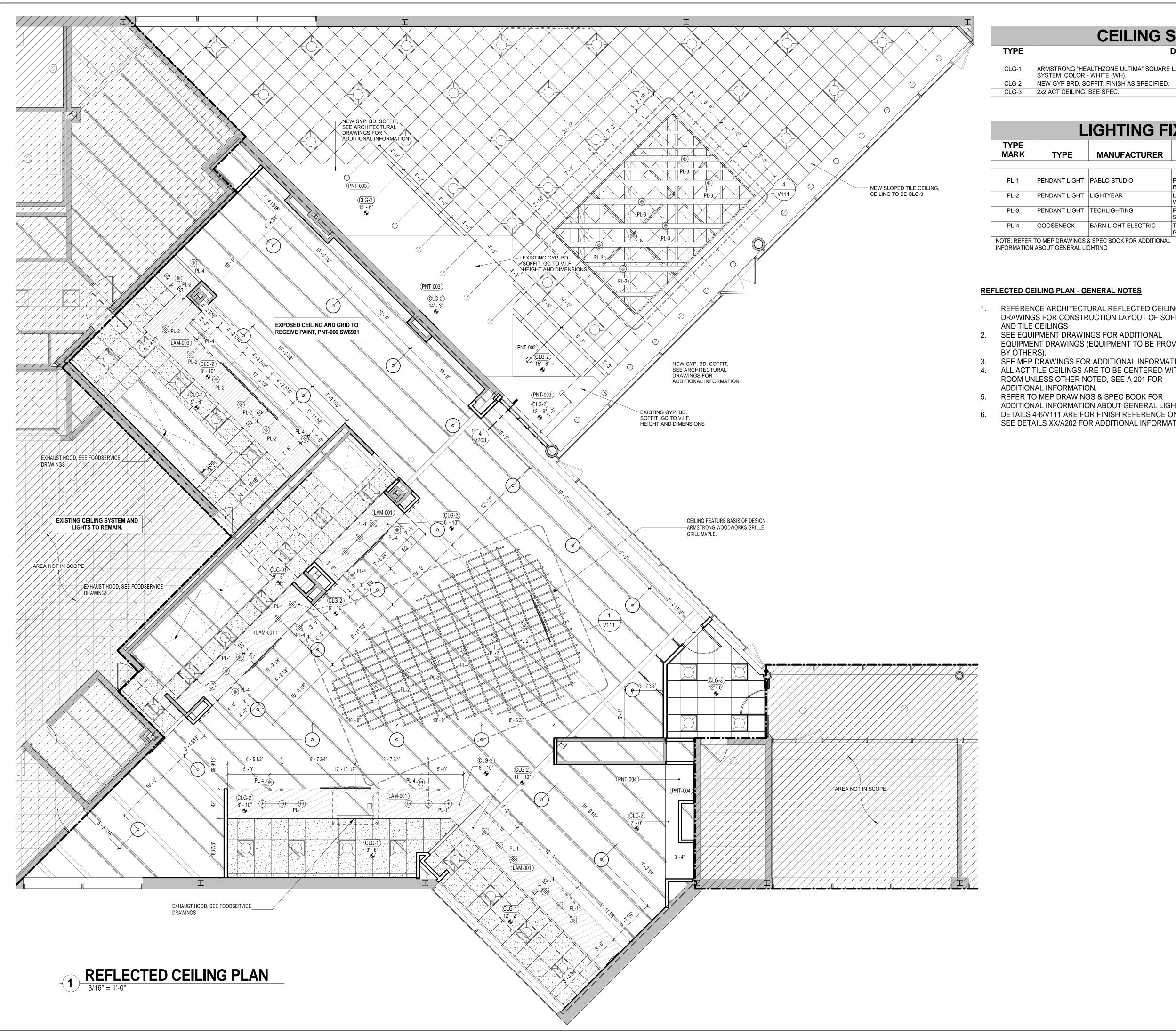




TAG	MODEL	MANUFACTURE
TAG	INIODEL	MANUFACIURE
CARPET		
CPT-001	COLLECTION: STREET	MOHAWK GROUP
	THREAD / PATTERN:	
	TAPED OFF / COLOR: 149; TO BE INSTALLED IN A	
	QUARTER TURNED	
	PATTERN	
COVE BASE CVB-001	#48 GREY WG BASE 6"	JOHNSONITE
CVD-001	#40 GRET WG DASE 0	JOHNSONITE
FIBER REINF.		
FRP-001	GLASBORD PEBBLES EMBOSSED FINISH 85	KEMLITE
	WHITE, CLASS A	
		·
LAMINATE LAM-001	MISSION MAPLE 7990-38	WILSONART
LAM-002	PALISADES OAK 7987-38	WILSONART
LAM-003	SUNRAY - S4022T	NEVAMAR
LAM-004	SOLID WHITE - S7004	NEVAMAR
LAM-005	CARMEN RED	NEVAMAR
LAM-006	FIJI - SB0300	NEVAMAR
LUXURY VINY		
LVT-001	WILD WALNUT AROW 7620, 6 X 36	AMTICO
LVT-002		AMTICO
	36	
LVT-003	GLINT ORB AROAGG11, 18 X 18	AMTICO
METAL		
MTL-001	STAINLESS STEEL	
MTL-003	STAINLESS STEEL POWDER-COATED BLACK	
PAINT		
PNT-001	GOSSAMER VEIL 9165	SHERWIN WILLIAMS
PNT-002	STONE LION 7507	SHERWIN WILLIAMS
PNT-003	BURGUNDY 6300	SHERWIN WILLIAMS
111-005	BORCOND 1 0300	
PNT-004	BOLERO 7600	SHERWIN WILLIAMS
PNT-006	BLACK MAGIC 6991	SHERWIN WILLIAMS
QUARTZ		
QTZ-001	CALACATTA NUVO 5131	CAESARSTONE
QTZ-002	NOUGAT 6600	CAESARSTONE
TILE		
TIL-001	ASHEN FLASH: OT04: 6" X	DALTILE
	6"	
TIL-002A		DALTILE
IIL-UUZA	DESERT GRAY (1) X114, SEMI-GLOSS, 4 X 12 /	
	INSTALLED IN RUNNING	
	BOND PATTERN	
		DALTILE
TIL-002B	DESERT GRAY (1) X114,	DALTILL
TIL-002B		
	DESERT GRAY (1) X114, SEMI-GLOSS, 4 X 12 / INSTALLED STACKED FLORENTINE: CARRARA	DALTILE
TIL-003	DESERT GRAY (1) X114, SEMI-GLOSS, 4 X 12 / INSTALLED STACKED FLORENTINE: CARRARA FL06, 12 X 24	DALTILE
TIL-002B TIL-003 TIL-005	DESERT GRAY (1) X114, SEMI-GLOSS, 4 X 12 / INSTALLED STACKED FLORENTINE: CARRARA	
TIL-003	DESERT GRAY (1) X114, SEMI-GLOSS, 4 X 12 / INSTALLED STACKED FLORENTINE: CARRARA FL06, 12 X 24 MUTINA TILE: CUBO GRIGIO, 8 X 8 MUTINA TILE: CUBO NERO,	DALTILE
TIL-003 TIL-005 TIL-008	DESERT GRAY (1) X114, SEMI-GLOSS, 4 X 12 / INSTALLED STACKED FLORENTINE: CARRARA FL06, 12 X 24 MUTINA TILE: CUBO GRIGIO, 8 X 8	DALTILE STONE SOURCE
TIL-003 TIL-005 TIL-008	DESERT GRAY (1) X114, SEMI-GLOSS, 4 X 12 / INSTALLED STACKED FLORENTINE: CARRARA FL06, 12 X 24 MUTINA TILE: CUBO GRIGIO, 8 X 8 MUTINA TILE: CUBO NERO, 8 X 8	DALTILE STONE SOURCE STONE SOURCE
TIL-003 TIL-005 TIL-008 TIL-009	DESERT GRAY (1) X114, SEMI-GLOSS, 4 X 12 / INSTALLED STACKED FLORENTINE: CARRARA FL06, 12 X 24 MUTINA TILE: CUBO GRIGIO, 8 X 8 MUTINA TILE: CUBO NERO, 8 X 8 MUTINA TILE: GIRA NERO,	DALTILE STONE SOURCE STONE SOURCE
TIL-003 TIL-005 TIL-008 TIL-009 WOOD	DESERT GRAY (1) X114, SEMI-GLOSS, 4 X 12 / INSTALLED STACKED FLORENTINE: CARRARA FL06, 12 X 24 MUTINA TILE: CUBO GRIGIO, 8 X 8 MUTINA TILE: CUBO NERO, 8 X 8 MUTINA TILE: GIRA NERO, 8 X 8	DALTILE STONE SOURCE STONE SOURCE STONE SOURCE
TIL-003 TIL-005 TIL-008 TIL-009	DESERT GRAY (1) X114, SEMI-GLOSS, 4 X 12 / INSTALLED STACKED FLORENTINE: CARRARA FL06, 12 X 24 MUTINA TILE: CUBO GRIGIO, 8 X 8 MUTINA TILE: CUBO NERO, 8 X 8 MUTINA TILE: GIRA NERO,	DALTILE STONE SOURCE STONE SOURCE
TIL-003 TIL-005 TIL-008 TIL-009 WOOD WD-001	DESERT GRAY (1) X114, SEMI-GLOSS, 4 X 12 / INSTALLED STACKED FLORENTINE: CARRARA FL06, 12 X 24 MUTINA TILE: CUBO GRIGIO, 8 X 8 MUTINA TILE: CUBO NERO, 8 X 8 MUTINA TILE: GIRA NERO, 8 X 8 DARK WALNUT WITH CLEAR POLYURETHANE COAT	DALTILE STONE SOURCE STONE SOURCE STONE SOURCE MILLWORK CONTRACTOR
TIL-003 TIL-005 TIL-008 TIL-009 WOOD WD-001	DESERT GRAY (1) X114, SEMI-GLOSS, 4 X 12 / INSTALLED STACKED FLORENTINE: CARRARA FL06, 12 X 24 MUTINA TILE: CUBO GRIGIO, 8 X 8 MUTINA TILE: CUBO NERO, 8 X 8 MUTINA TILE: GIRA NERO, 8 X 8 DARK WALNUT WITH CLEAR POLYURETHANE	DALTILE STONE SOURCE STONE SOURCE STONE SOURCE MILLWORK
TIL-003 TIL-005 TIL-008 TIL-009 WOOD	DESERT GRAY (1) X114, SEMI-GLOSS, 4 X 12 / INSTALLED STACKED FLORENTINE: CARRARA FL06, 12 X 24 MUTINA TILE: CUBO GRIGIO, 8 X 8 MUTINA TILE: CUBO NERO, 8 X 8 MUTINA TILE: GIRA NERO, 8 X 8 DARK WALNUT WITH CLEAR POLYURETHANE COAT MAPLE WITH CLEAR	DALTILE STONE SOURCE STONE SOURCE STONE SOURCE MILLWORK CONTRACTOR MILLWORK

NOTE: 1" STAINLESS STEEL CORNER GUARD TO 48" AFF. TYP. ON ALL OUTSIDE CORNERS OF PROJECT SCOPE AREA. REFER TO SPEC FOR ADDITIONAL INFORMATION.

INISH	MATERIAL LIST		ARCHITECT:	PHASE ZERO
SUPPLIER	URL	COMMENTS		DESIGN
	https://www.mohawkgroup.com/detail/Carpet/7367/127906/Taped		SIMSBURY, PHONE	LCOX STREET CONNECTICT 06070 E: (860) 264-1624
	-Off-Tile			(860) 264-1628 isezerodesign.com
			where hungry	minds gather
			www.char	twellshighered.com
				nase College
			STATE UNI	URSITY OF NEW YORK
		FINISH: SUPER MATTE FINISH: SUPER MATTE	CONSULTANT:	
		FINISH: GLOSS FINISH: SUPER MATTE	VIS	
	https://www.amtico.com/commercial/products/product-search/AA0		305 Foster Ave t 704 405 3101 f 7	, Suite 100, Charlotte, NC 28203 04 405 3106 w VISIONBUILDERSUSA.COM
	W7620/ https://www.amtico.com/commercial/products/product-search/AR0 W7390/			
	https://www.amtico.com/commercial/products/product-search/AR0 AGG11/			
		16 GAUGE 304 #4 FINISH		
	https://www.sherwin-williams.com/homeowners/color/find-and-expl ore-colors/paint-colors-by-family/SW6152-superior-bronze#/6152/ ?s=coordinatingColors&p=PS0		N	Z Q
	https://www.sherwin-williams.com/homeowners/color/find-and-expl ore-colors/paint-colors-by-family/SW6300-burgundy#/6300/?s=co ordinatingColors&p=PS0			
	https://www.sherwin-williams.com/homeowners/color/find-and-expl ore-colors/paint-colors-by-family/SW7600-bolero#/7600/?s=coordi natingColors&p=PS0			VA IHI Z 1
		APPLIED TO EXPOSED CEILING AND BEAMS.	Ā	N N N N N N N N N N N N N N N N N N N
			URCHASE	CAFE RENOVATION 735 ANDERSON HILL RD PURCHASE, NY 10577
			U	AND RCF
	WWW.DALTILE.COM	QUARRY TILE. GROUT: LATICRETE SPECTRA LOCK PRO: JOINT: 3/8" / COLOR: 35 MOCHA:		CAFE 735 AN PURC
		COVE: Q-3565 (5" X 6") INSIDE CORNER: QB-3565 (1" X 5") OUTSIDE CORNER: QCRL-3565 (5" X 6")	ש	0
	WWW.DALTILE.COM	GROUT: LATICRETE: 88 SILVER SHADOW		
	WWW.DALTILE.COM	GROUT: LATICRETE	ź	
	WWW.DALTILE.COM	GROUT: LATICRETE: #03 SILK		
	WWW.DALTILE.COM WWW.DALTILE.COM	GROUT: LATICRETE: 88 SILVER SHADOW GROUT: LATICRETE: 88 SILVER SHADOW	LIN PROJECT:	
	WWW.DALTILE.COM	GROUT: LATICRETE: 88 SILVER SHADOW		REVISIONS
			NO. DATE	DESCRIPTION
		SAMPLE REQUIRED FOR APPROVAL		
		SAMPLE REQUIRED FOR APPROVAL		
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			ISSUED FOR:E	15/2019 BID
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			CHECKED BY:	
				ABER: CW-0205-4 Zero Design Corp. All Rights Reserved.
			DRAWING NAME:	
			FLOC	R FINISH
				PLAN
			DRAWING NO.	
				101
			•	



CEILING SCHEDULE

DESCRIPTION

ARMSTRONG "HEALTHZONE ULTIMA" SQUARE LAY-IN SMOOTH TEXTURE TILES W/ GRID SYSTEM. COLOR - WHITE (WH). CLG-2 NEW GYP BRD. SOFFIT. FINISH AS SPECIFIED.

LIGHTING FIXTURE SCHEDULE

YPE	MANUFACTURER	MODEL	COUNT	COMMENTS
			23	
NT LIGHT	PABLO STUDIO	PBL-SWELL-STRING-3-MIXED-SUSP - BLACK	7	
NT LIGHT	LIGHTYEAR	LTY-CARAVAGGIO-CAR300 - BLACK WITH RED CORD	12	
NT LIGHT	TECHLIGHTING	POWELL PENDANT: TD-SO-S-CF, SATIN NICKLE/WHITE INTERIOR	6	PROVIDE SHATTER PROOF BULB
NECK	BARN LIGHT ELECTRIC	THE ORIGINAL WAREHOUSE GOOSENECK LIGHT - BLE-G-WHS-PC	9	
RAWINGS				

REFERENCE ARCHITECTURAL REFLECTED CEILING DRAWINGS FOR CONSTRUCTION LAYOUT OF SOFFITS

2. SEE EQUIPMENT DRAWINGS FOR ADDITIONAL EQUIPMENT DRAWINGS (EQUIPMENT TO BE PROVIDED

SEE MEP DRAWINGS FOR ADDITIONAL INFORMATION. ALL ACT TILE CEILINGS ARE TO BE CENTERED WITH IN ROOM UNLESS OTHER NOTED, SEE A 201 FOR

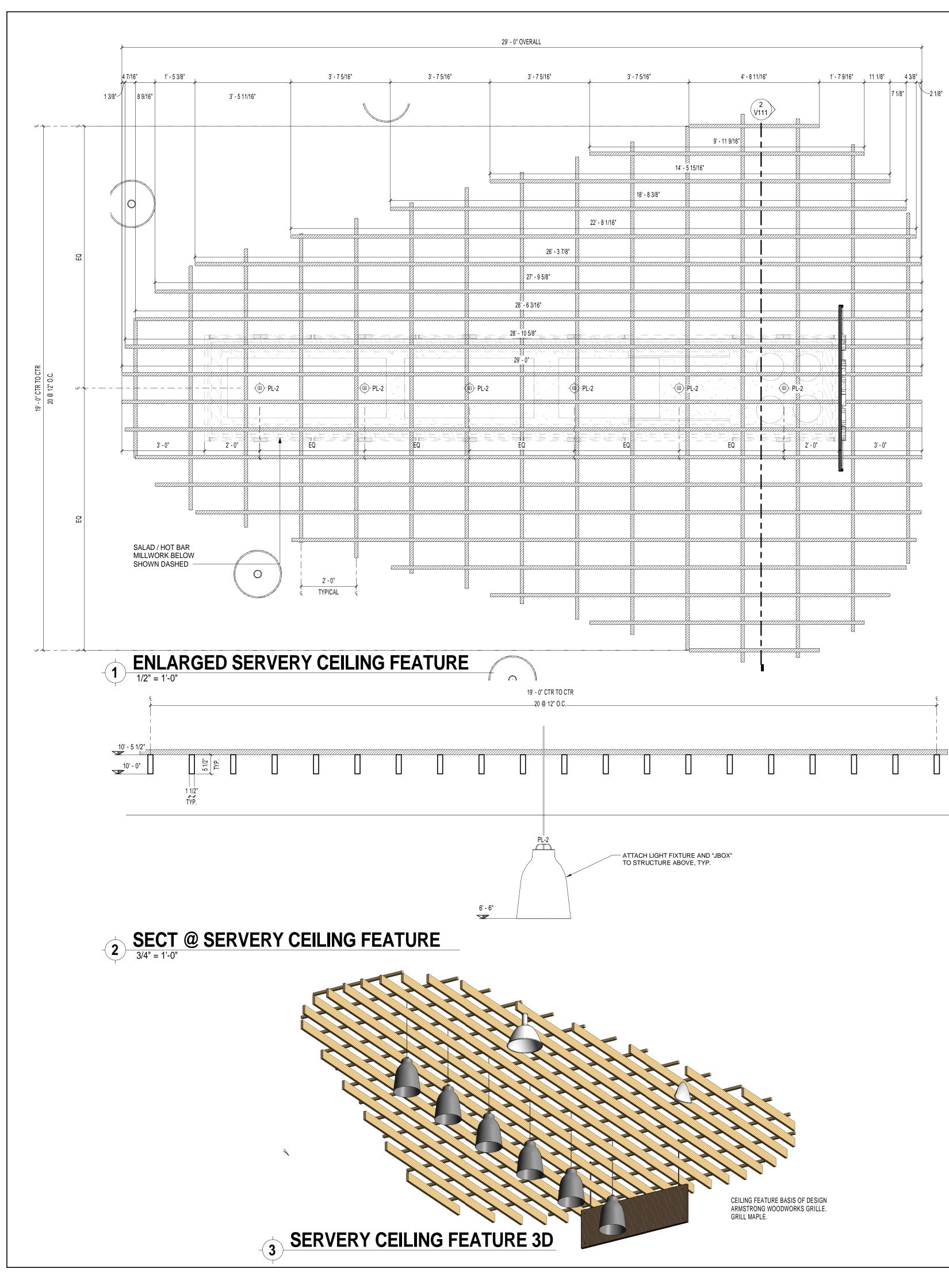
REFER TO MEP DRAWINGS & SPEC BOOK FOR

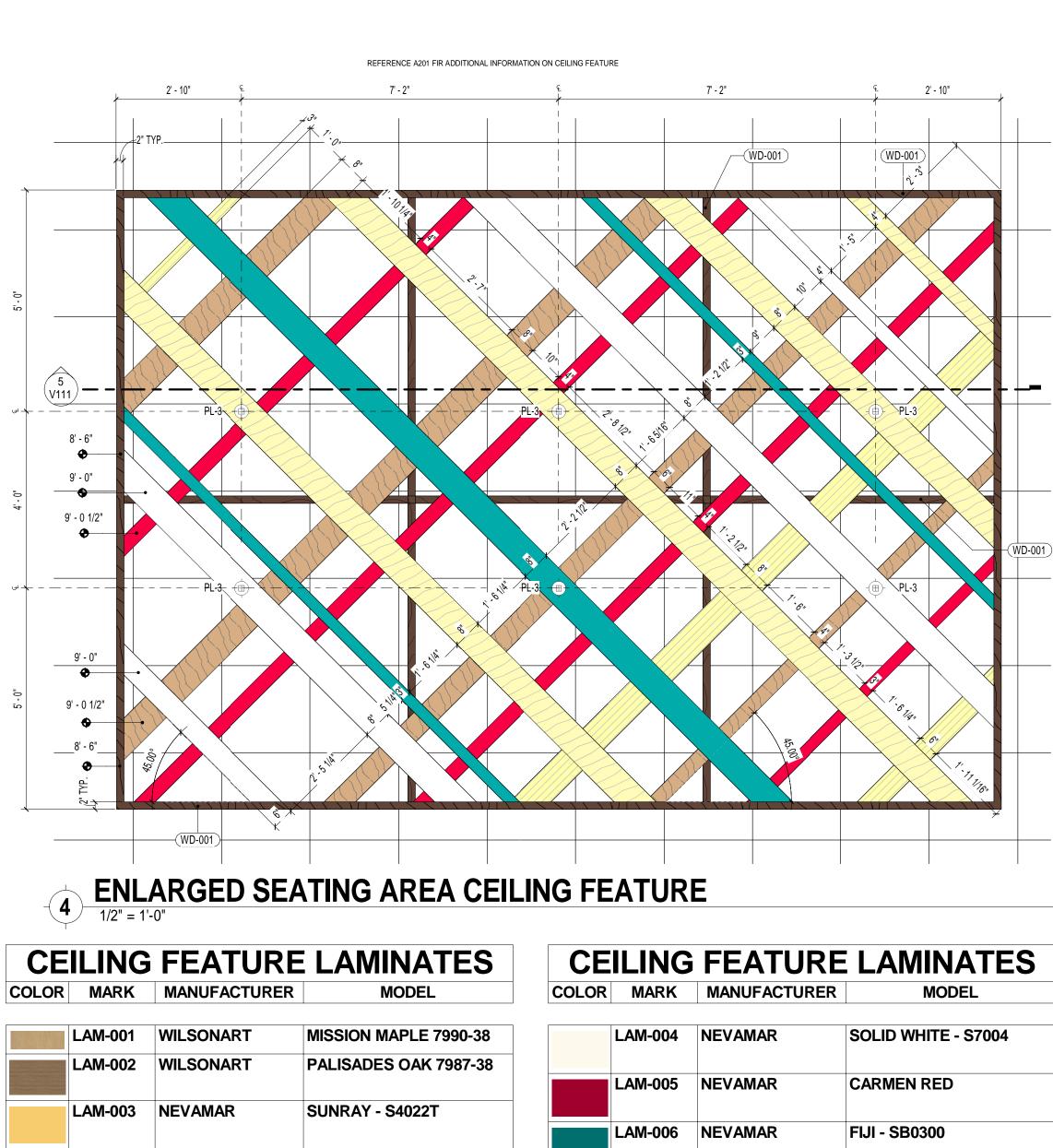
ADDITIONAL INFORMATION ABOUT GENERAL LIGHTING. 6. DETAILS 4-6/V111 ARE FOR FINISH REFERENCE ONLY, SEE DETAILS XX/A202 FOR ADDITIONAL INFORMATION.

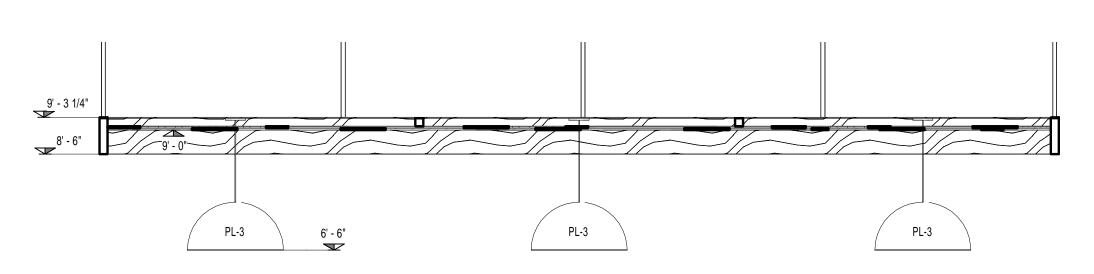
SYMBOL LEGEND 2X2 LED FIXTURE 0 RECESSED CAN FIXTURE LAMINATE CEILING MONITOR --SCONCE H MULTI ACCENT PENDENT LIGHT --ACCENT PENDENT LIGHT (\circ) ACCENT PENDENT LIGHT



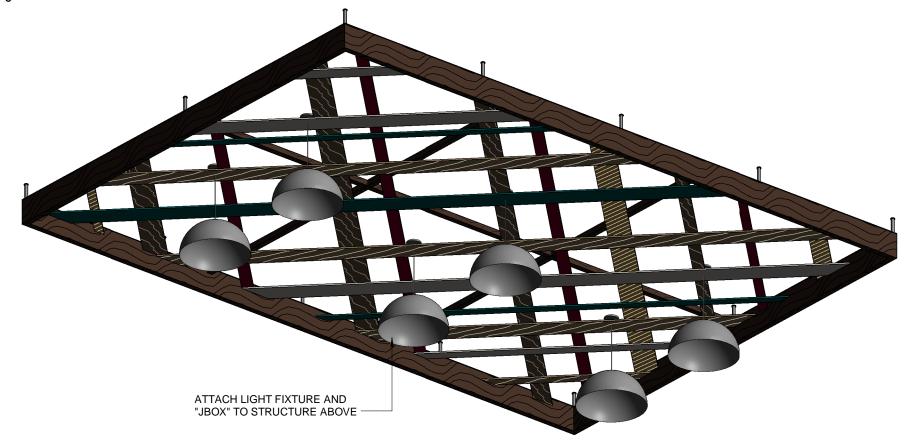
V110





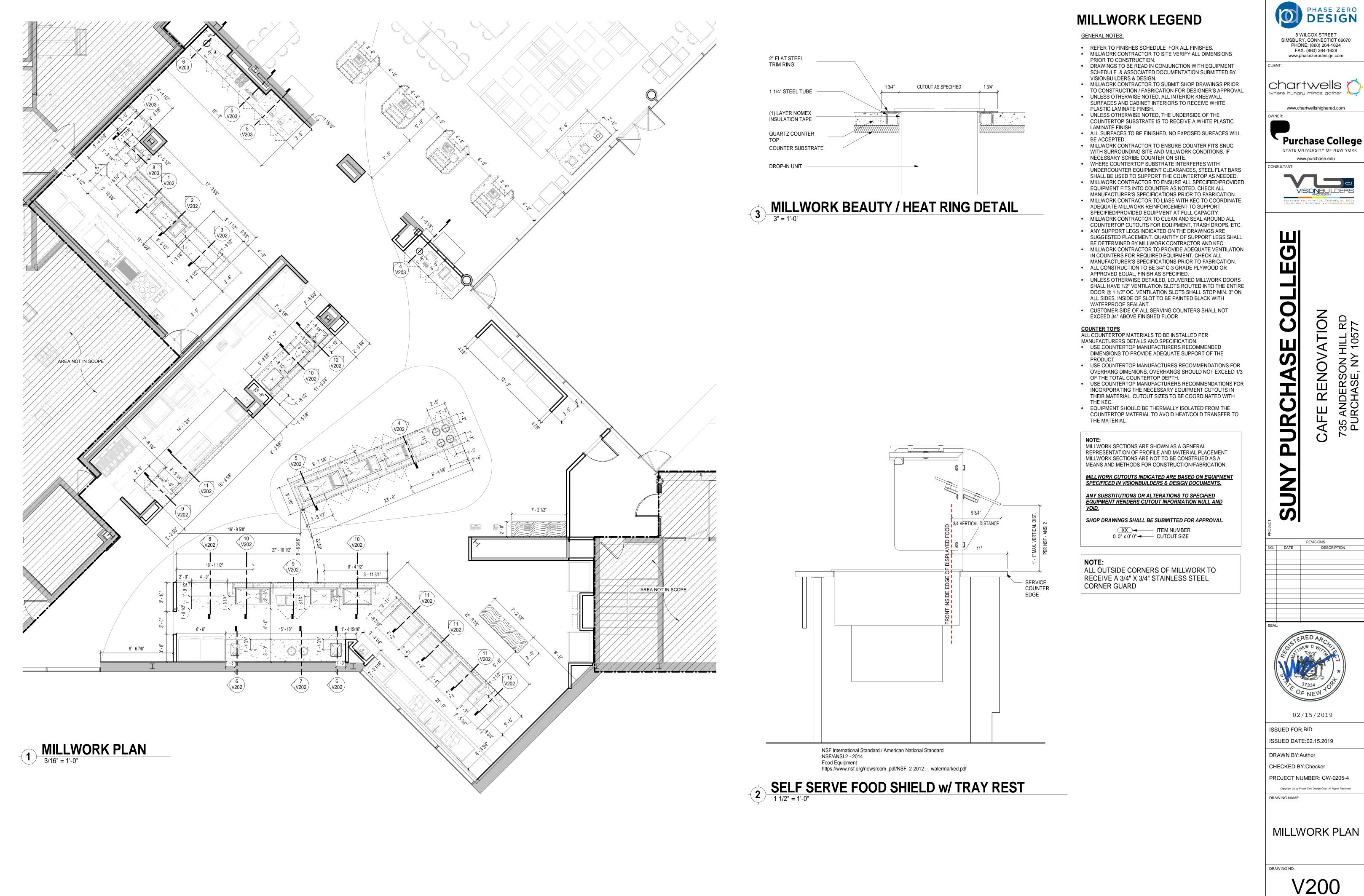




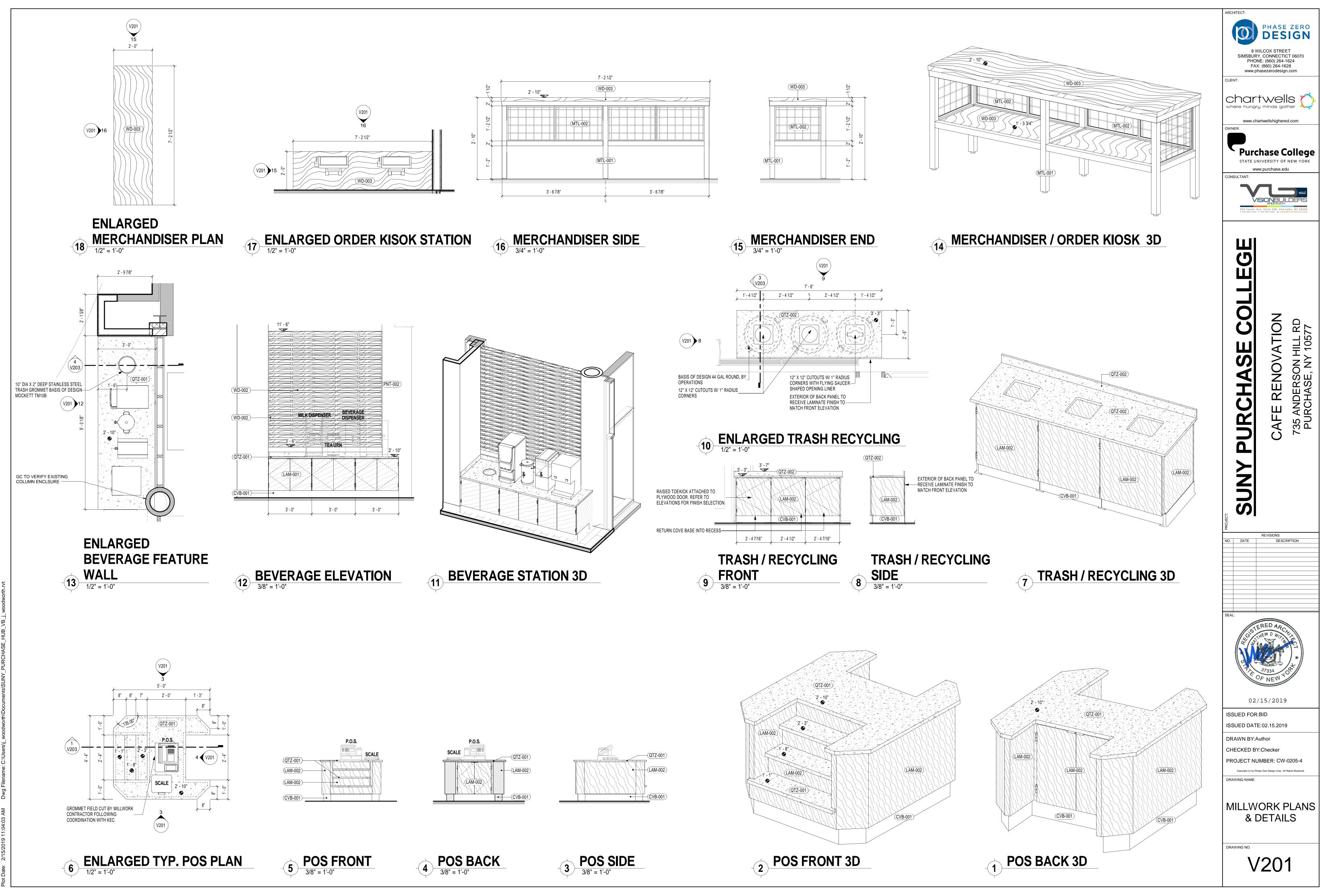




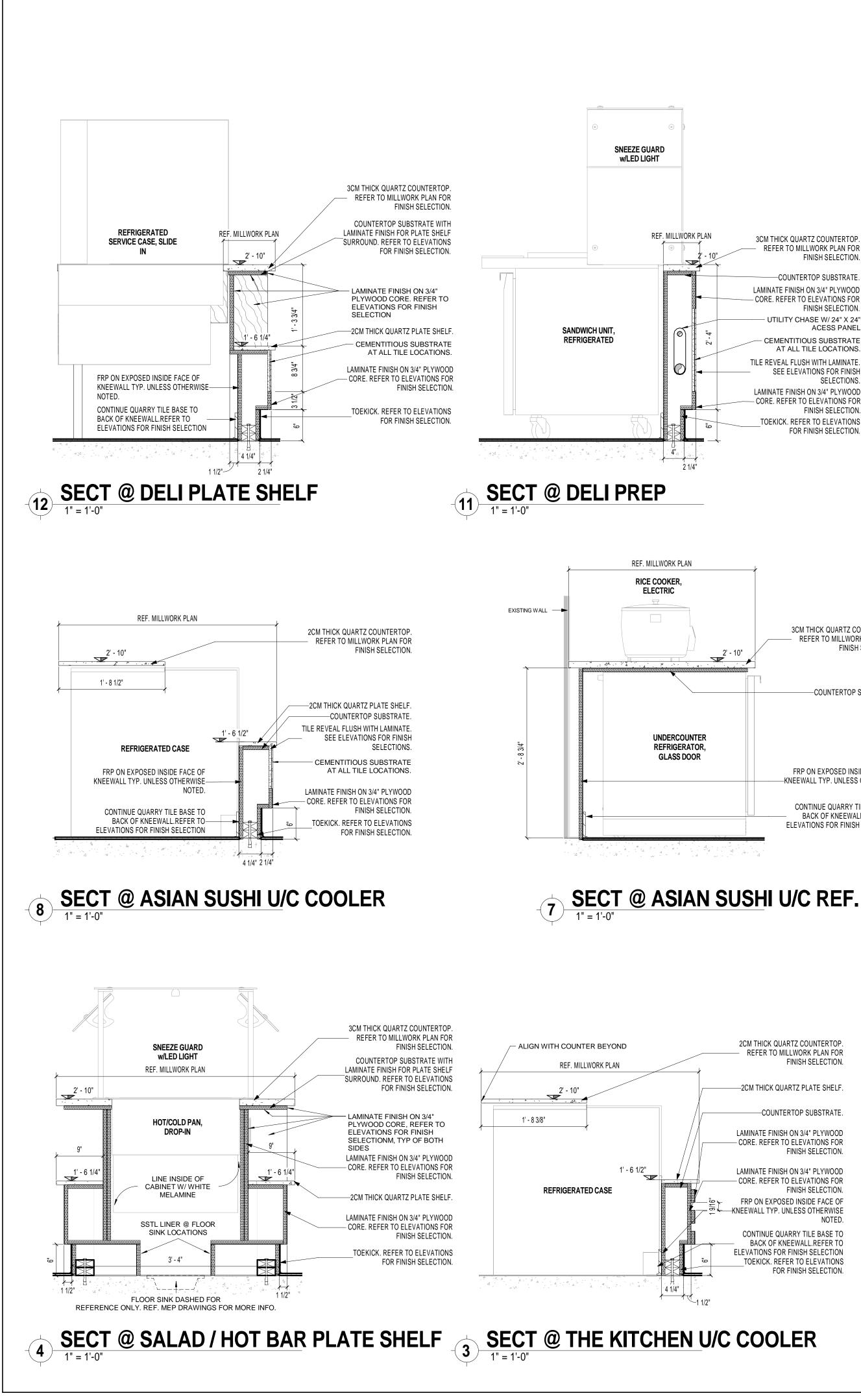




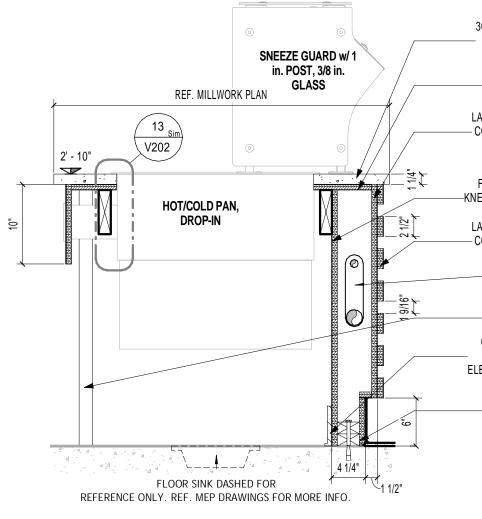
ARCHITECT:







SECT @ THE KITCHEN DROP IN



3CM THICK QUARTZ COUNTERTOR REFER TO MILLWORK PLAN FOR

FINISH SELECTION.

-COUNTERTOP SUBSTRATE

LAMINATE FINISH ON 3/4" PLYWOOD - CORE. REFER TO ELEVATIONS FOR

FINISH SELECTION.

FRP ON EXPOSED INSIDE FACE OF -KNEEWALL TYP. UNLESS OTHERWISE NOTED LAMINATE FINISH ON 3/4" PLYWOOD

- CORE. REFER TO ELEVATIONS FOR

FINISH SELECTION.

- UTILITY CHASE W/ 24" X 24" ACESS PANEL

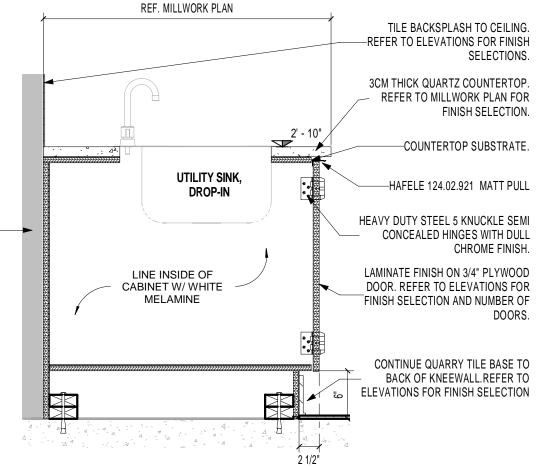
STAINLESS STEEL SUPPORT LEG WITH LEVELER. CONTINUE QUARRY TILE BASE TO

BACK OF KNEEWALL.REFER TO ELEVATIONS FOR FINISH SELECTION

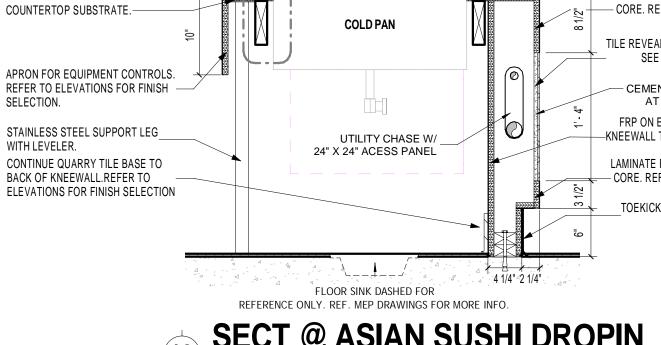
> TOEKICK. REFER TO ELEVATIONS FOR FINISH SELECTION.

EXISTING WALL

SECT @ ASIAN SUSHI SINK



SECT @ ASIAN SUSHI DROPIN (10) REF. MILLWORK PLAN



SNEEZE GUARD w/1

in. POST, 3/8 in.

9 7/8"⁄

REF. MILLWORK PLAN

7 7/8"

· 10"

∖V202 /

3CM THICK QUARTZ COUNTERTOP. 3CM THICK QUARTZ COUNTERTOP. REFER TO MILLWORK PLAN FOR REFER TO MILLWORK PLAN FOR FINISH SELECTION. FINISH SELECTION. -COUNTERTOP SUBSTRATE. COUNTERTOP SUBSTRATE. LAMINATE FINISH ON 3/4" PLYWOOD - CORE. REFER TO ELEVATIONS FOR FINISH SELECTION. UTILITY CHASE W/ 24" X 24" ACESS PANEL - CEMENTITIOUS SUBSTRATE SELECTION.

SEE ELEVATIONS FOR FINISH

LAMINATE FINISH ON 3/4" PLYWOOD

- CORE. REFER TO ELEVATIONS FOR

TOEKICK. REFER TO ELEVATIONS

SELECTIONS.

3CM THICK QUARTZ COUNTERTOP.

REFER TO MILLWORK PLAN FOR

-COUNTERTOP SUBSTRATE.

FRP ON EXPOSED INSIDE FACE OF

CONTINUE QUARRY TILE BASE TO

ELEVATIONS FOR FINISH SELECTION

2CM THICK QUARTZ COUNTERTOP.

REFER TO MILLWORK PLAN FOR

-2CM THICK QUARTZ PLATE SHELF.

LAMINATE FINISH ON 3/4" PLYWOOD

- CORE. REFER TO ELEVATIONS FOR

LAMINATE FINISH ON 3/4" PLYWOOD

- CORE. REFER TO ELEVATIONS FOR

FRP ON EXPOSED INSIDE FACE OF

CONTINUE QUARRY TILE BASE TO

ELEVATIONS FOR FINISH SELECTION

BACK OF KNEEWALL.REFER TO

TOEKICK. REFER TO ELEVATIONS

FOR FINISH SELECTION.

🖻 🖵 KNEEWALL TYP. UNLESS OTHERWISE

-COUNTERTOP SUBSTRATE.

FINISH SELECTION.

FINISH SELECTION.

NOTED.

FINISH SELECTION.

BACK OF KNEEWALL.REFER TO

NOTED.

-KNEEWALL TYP. UNLESS OTHERWISE

FINISH SELECTION.

FINISH SELECTION.

FOR FINISH SELECTION.

WITH LEVELER.

AT ALL TILE LOCATIONS.

TILE REVEAL FLUSH WITH LAMINATE

3CM THICK QUARTZ COUNTERTOP. REFER TO MILLWORK PLAN FOR FINISH SELECTION. -COUNTERTOP SUBSTRATE. LAMINATE FINISH ON 3/4" PLYWOOD - CORE. REFER TO ELEVATIONS FOR FINISH SELECTION.

TILE REVEAL FLUSH WITH LAMINATE. SEE ELEVATIONS FOR FINISH

SELECTIONS. CEMENTITIOUS SUBSTRATE

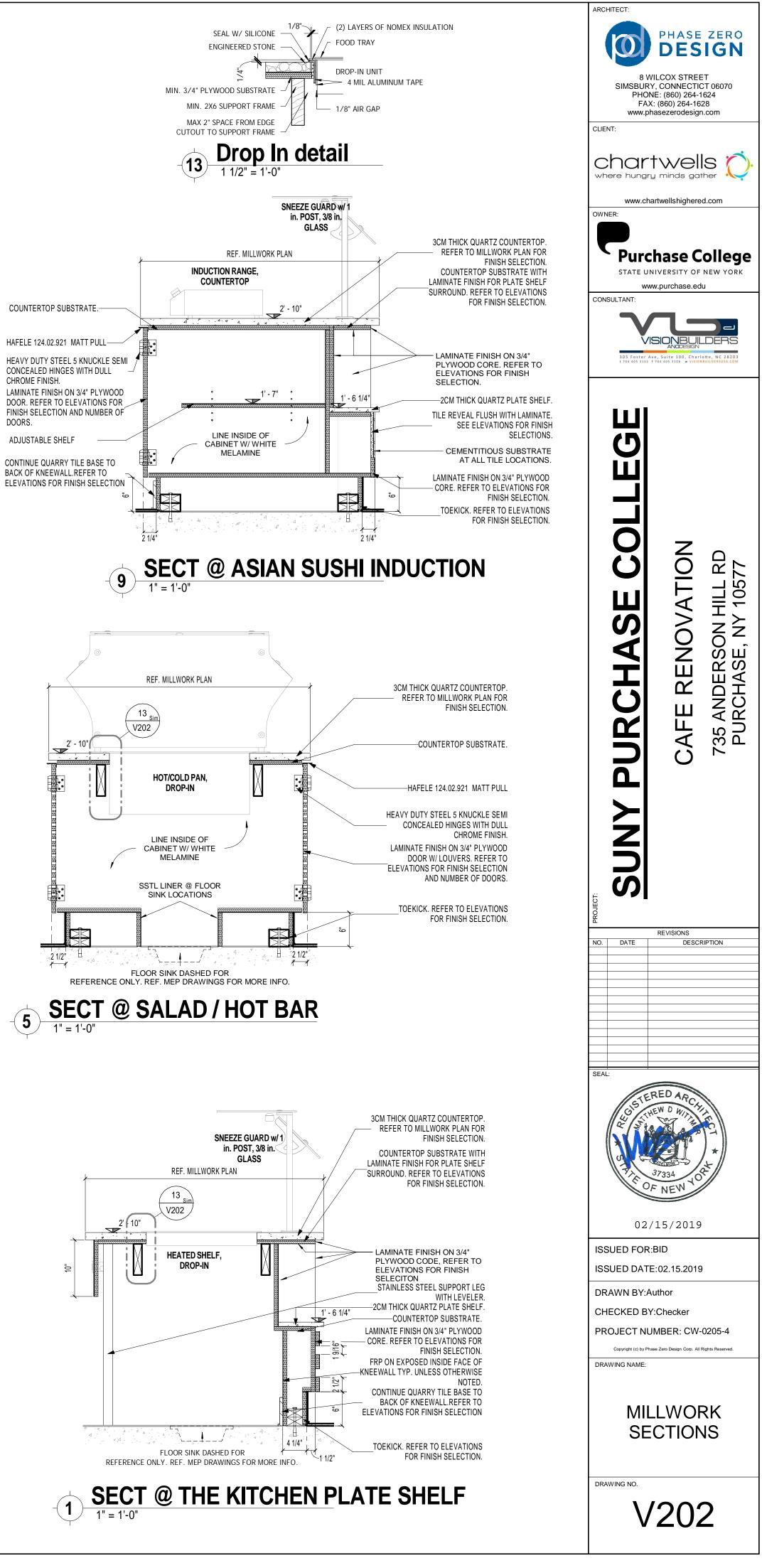
AT ALL TILE LOCATIONS.

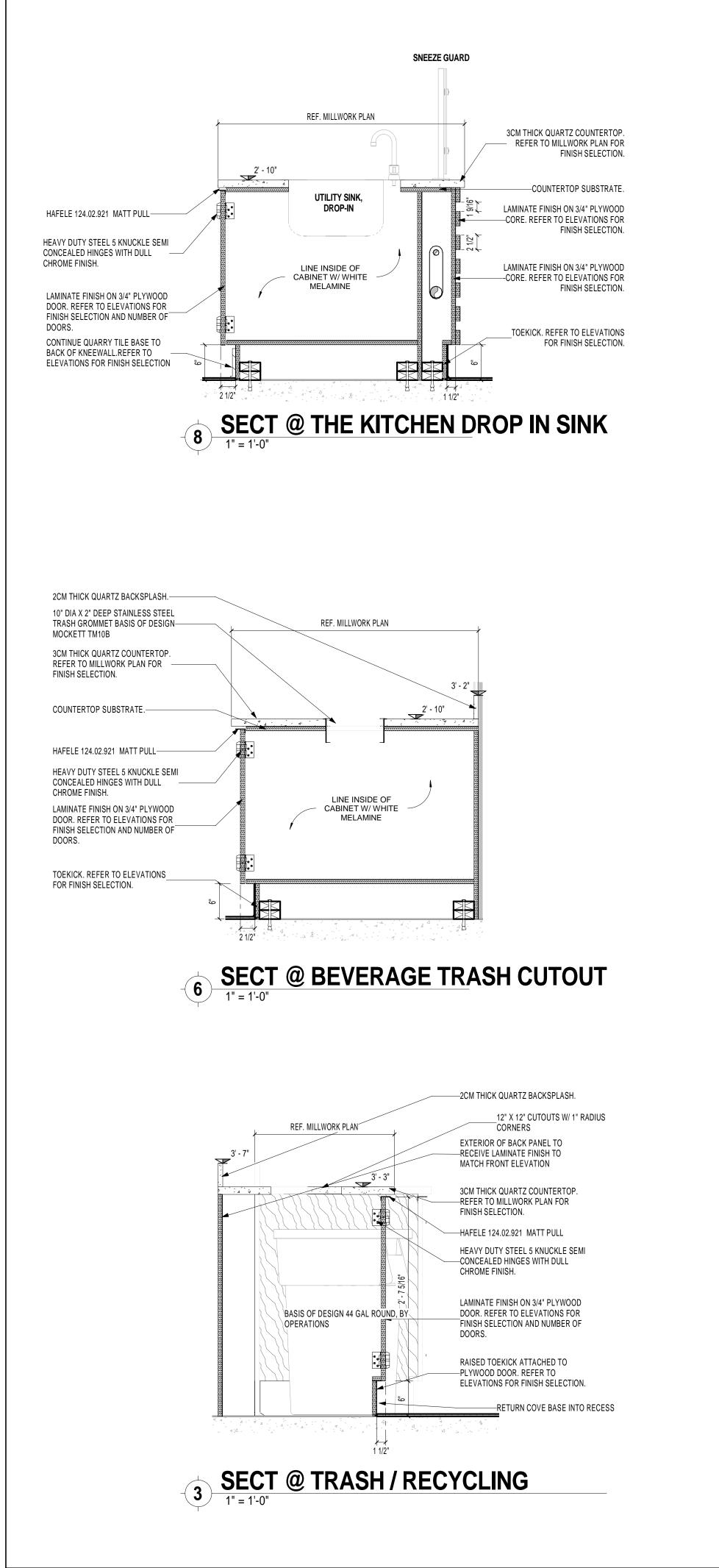
FRP ON EXPOSED INSIDE FACE OF -KNEEWALL TYP. UNLESS OTHERWISE

NOTED

LAMINATE FINISH ON 3/4" PLYWOOD - CORE. REFER TO ELEVATIONS FOR FINISH SELECTION.

TOEKICK. REFER TO ELEVATIONS FOR FINISH SELECTION. CHROME FINISH. DOORS.

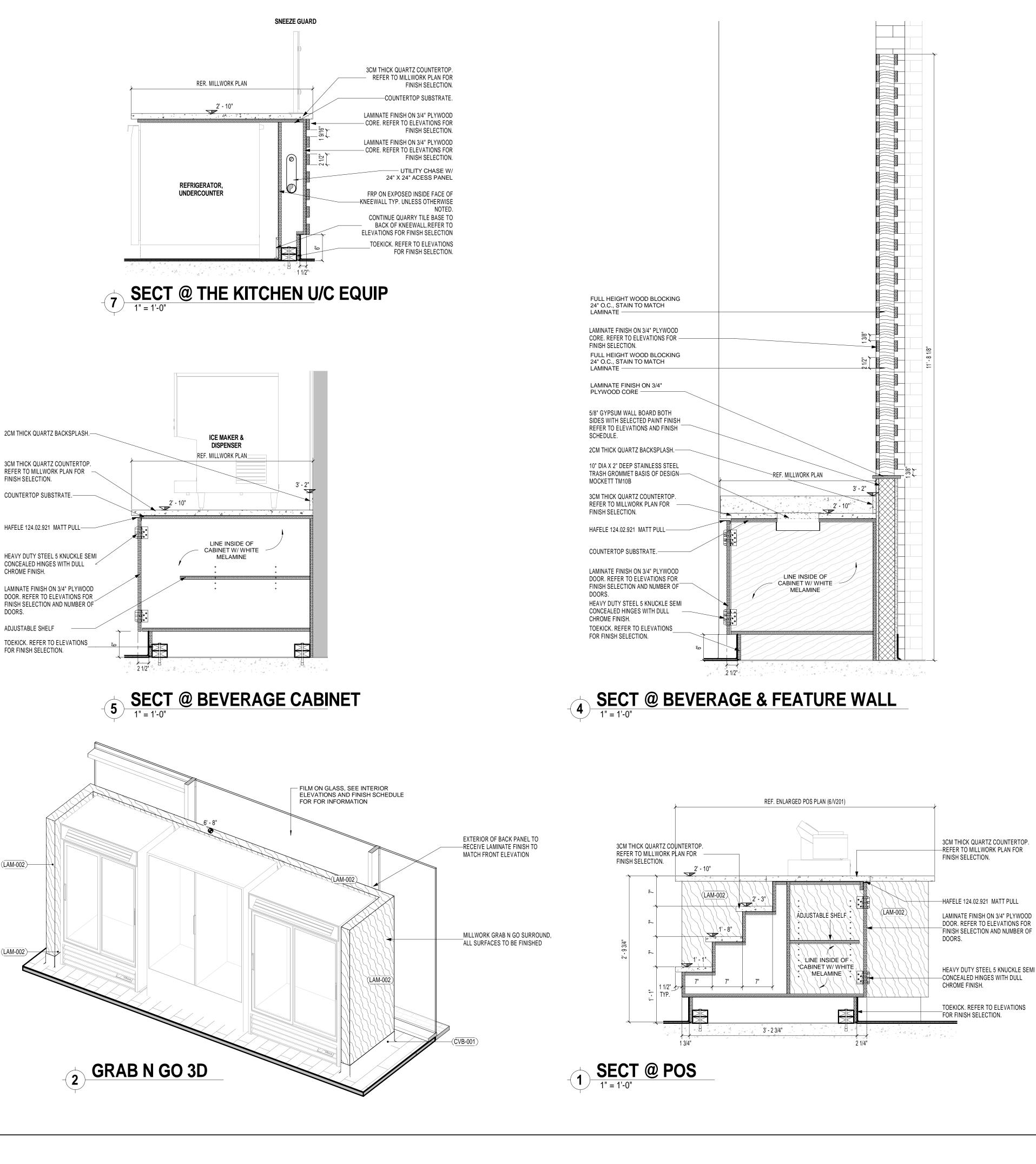


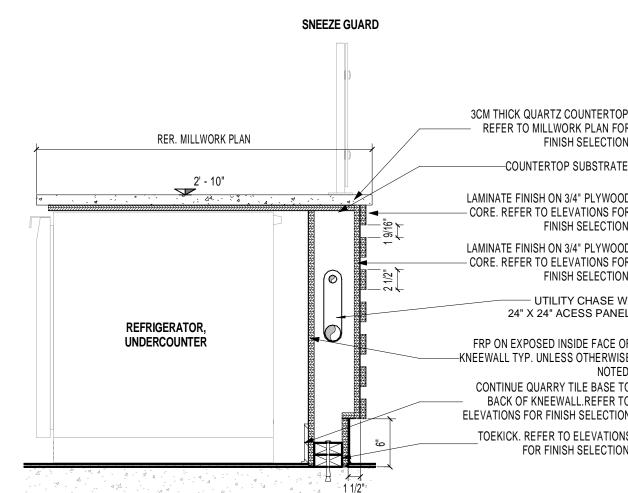


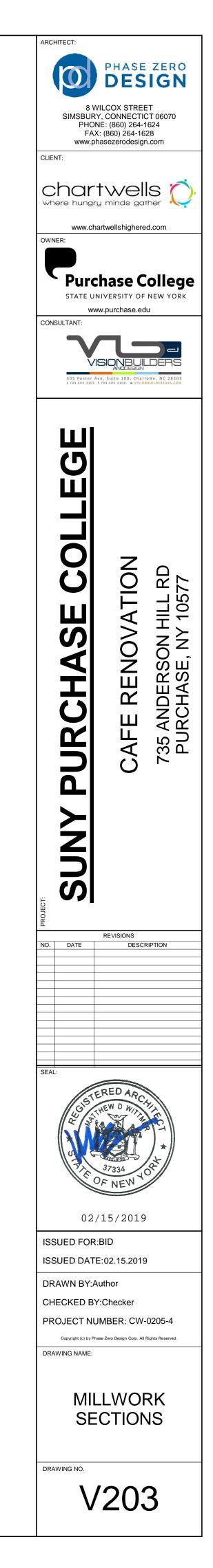
DOORS.

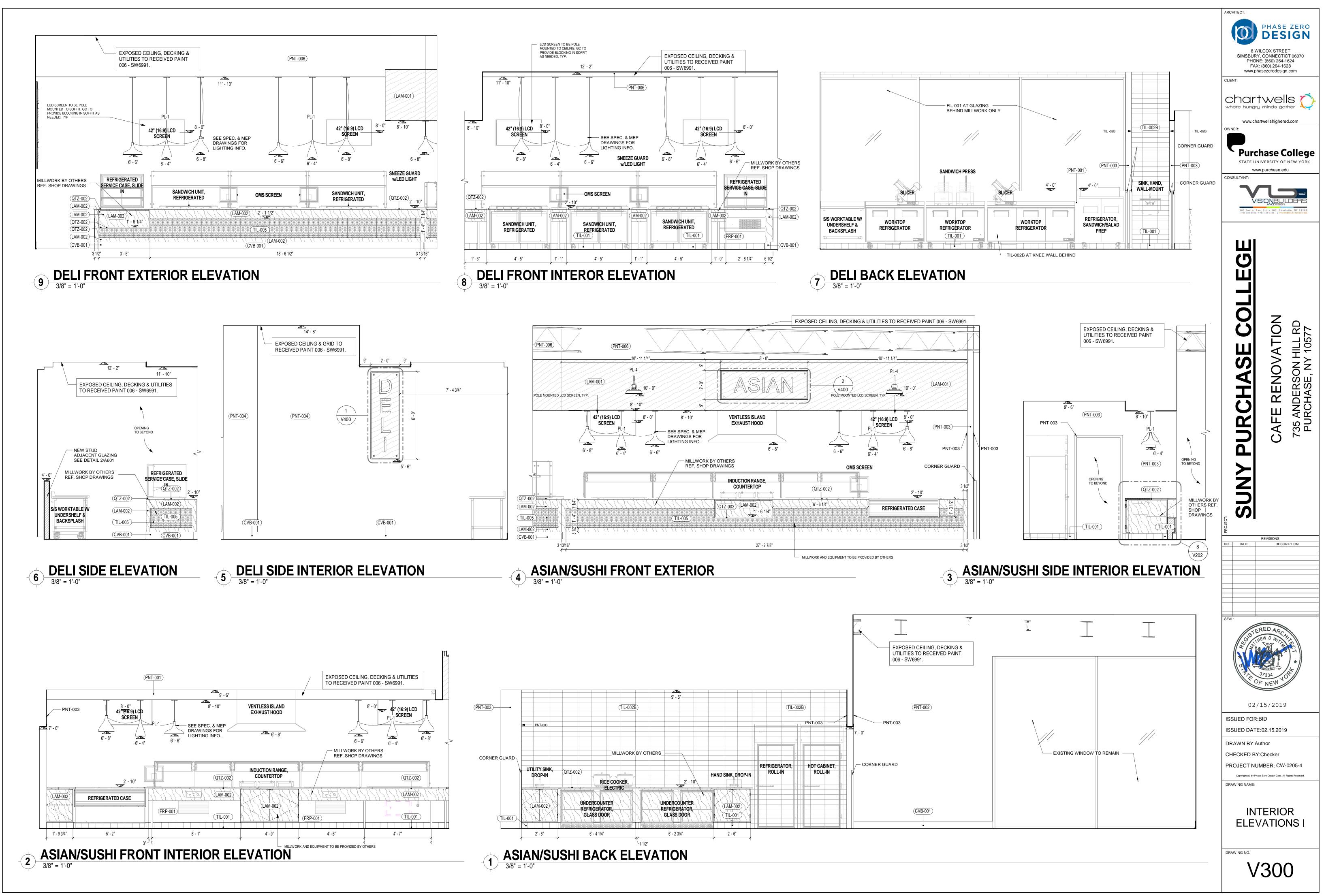
(LAM-002)-

LAM-002

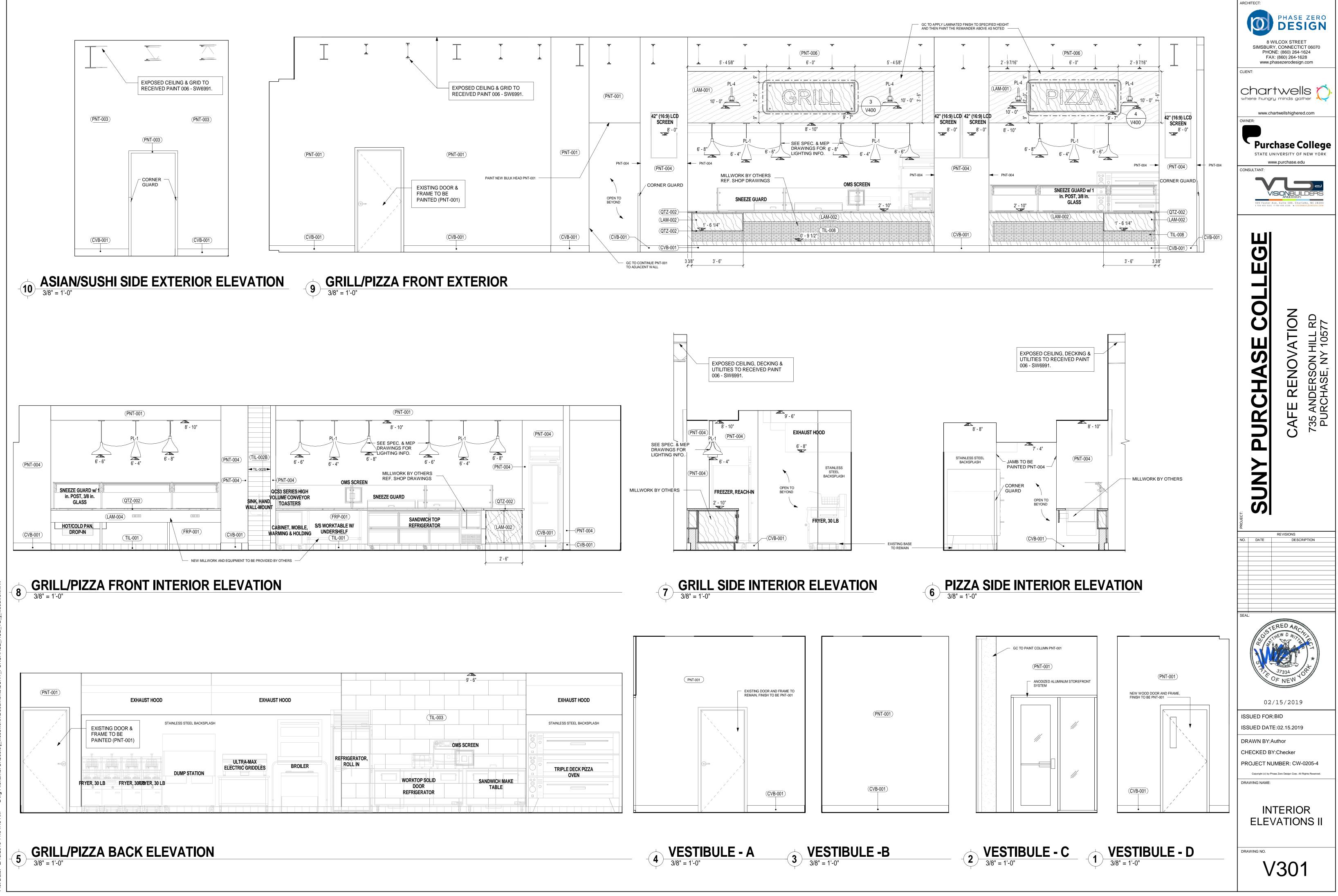






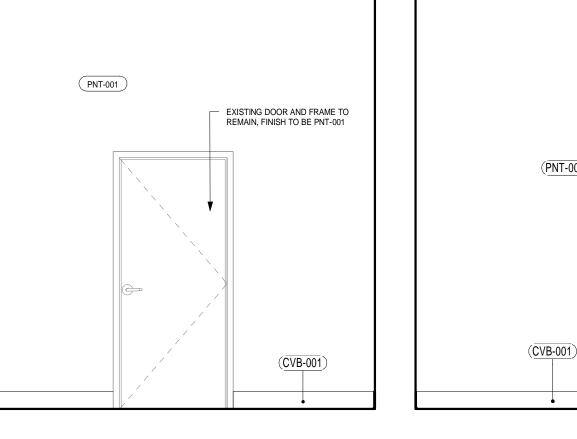


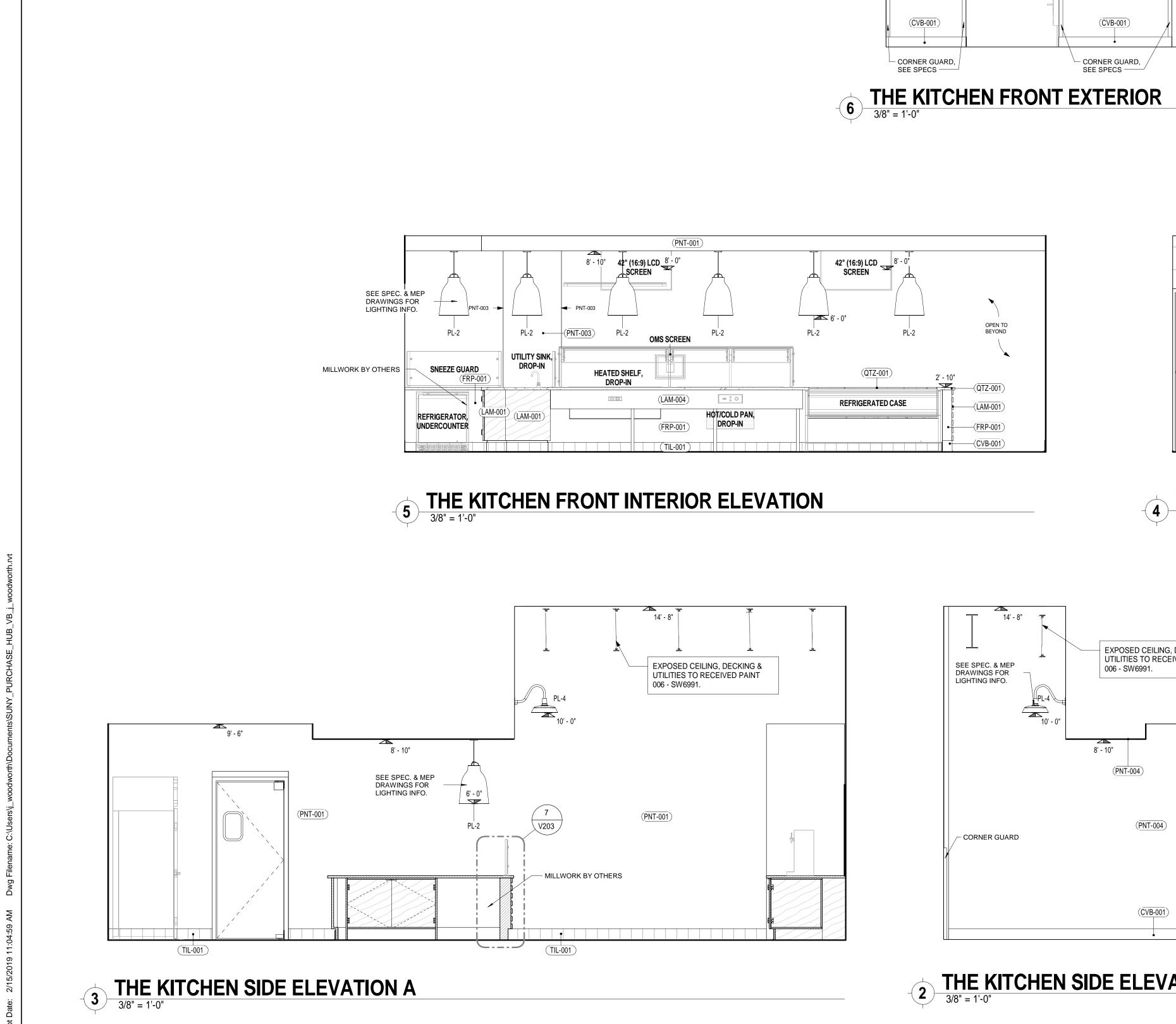
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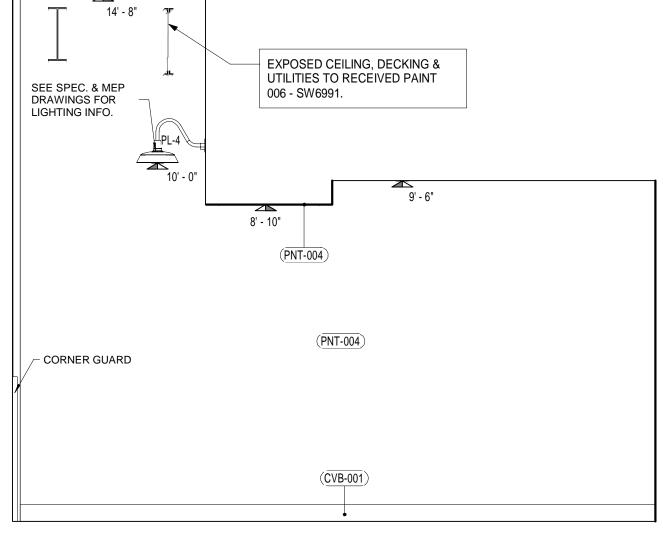


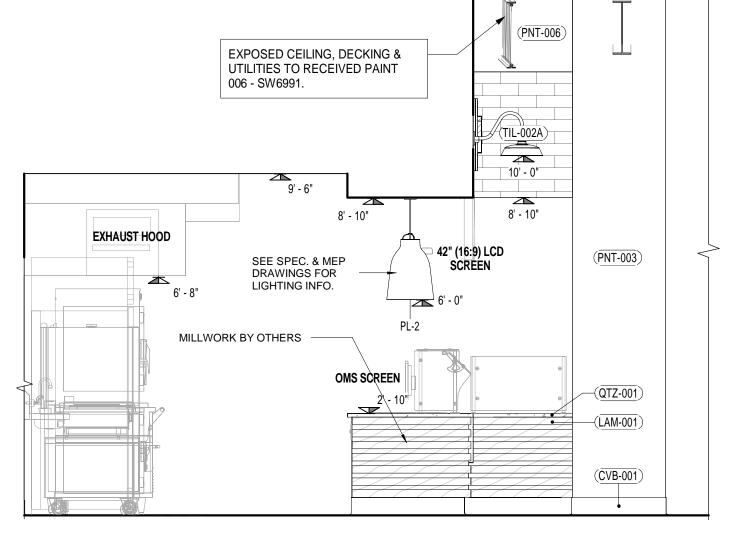




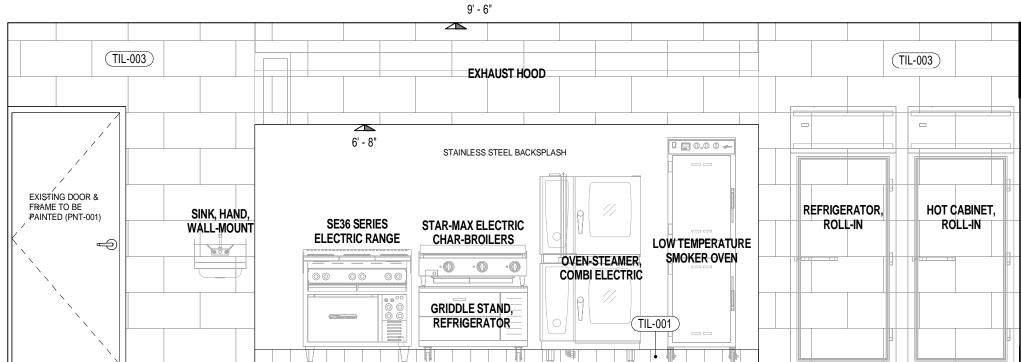


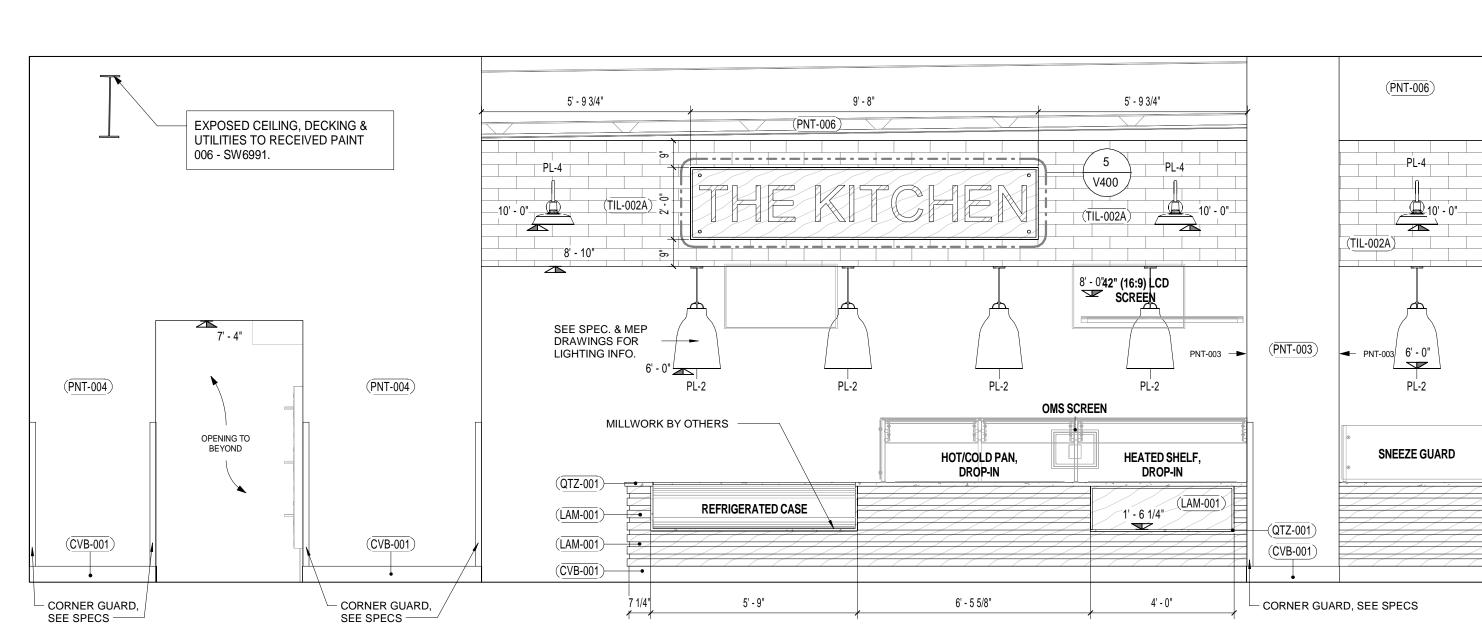
THE KITCHEN SIDE ELEVATION B 3/8" = 1'-0"



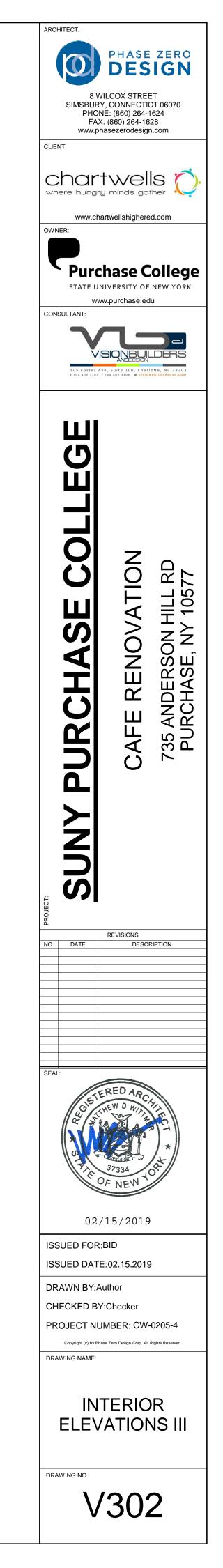


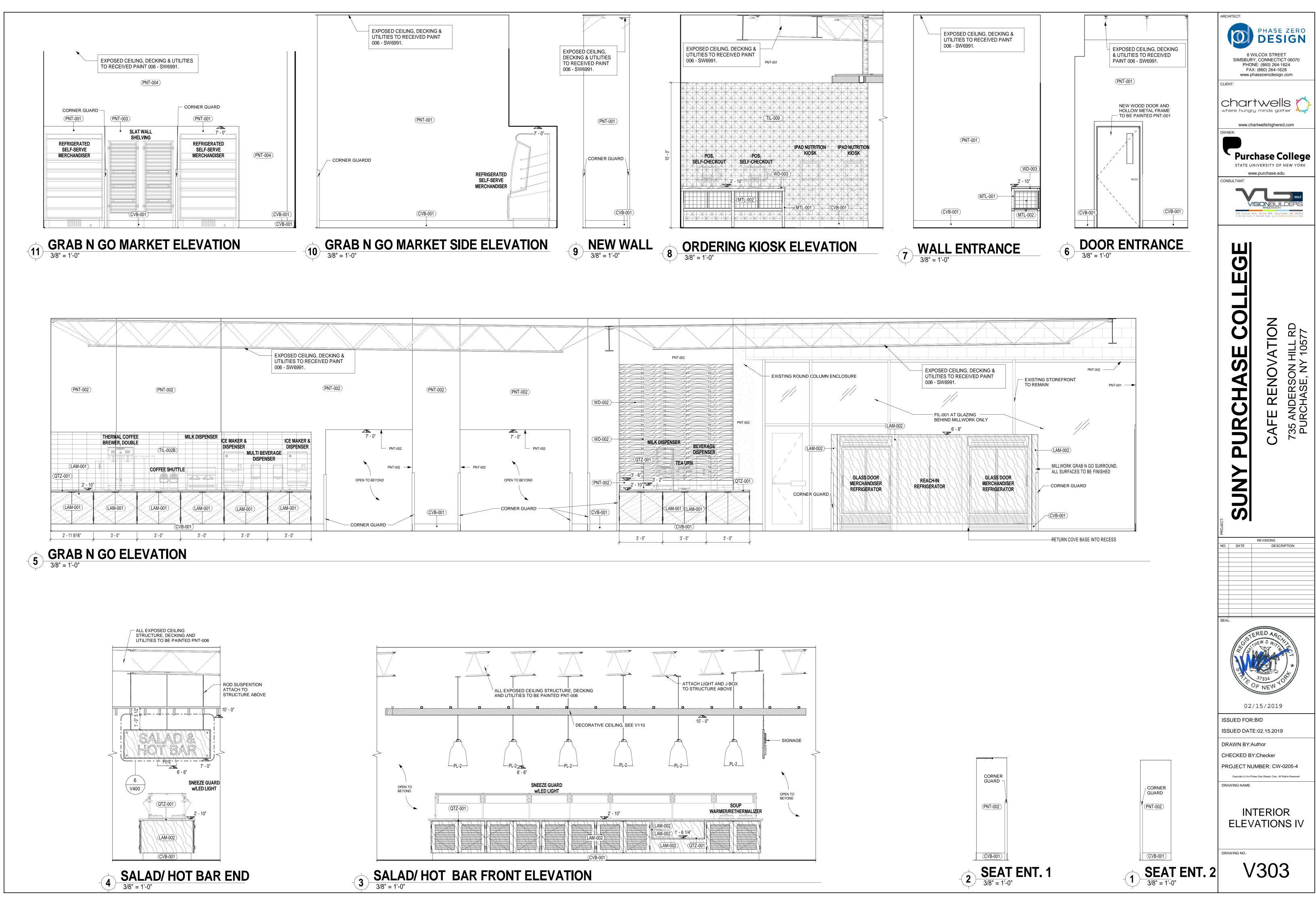


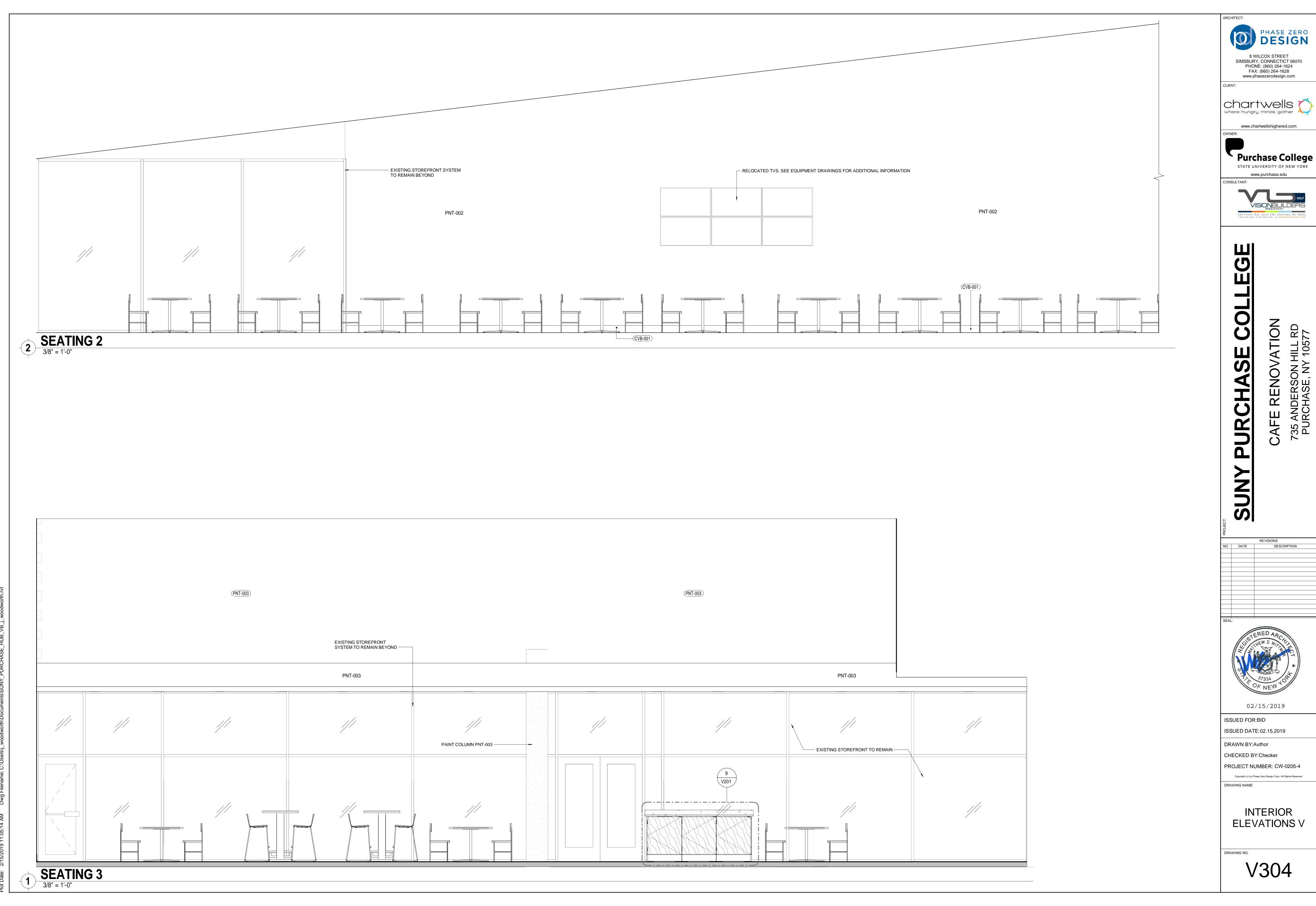




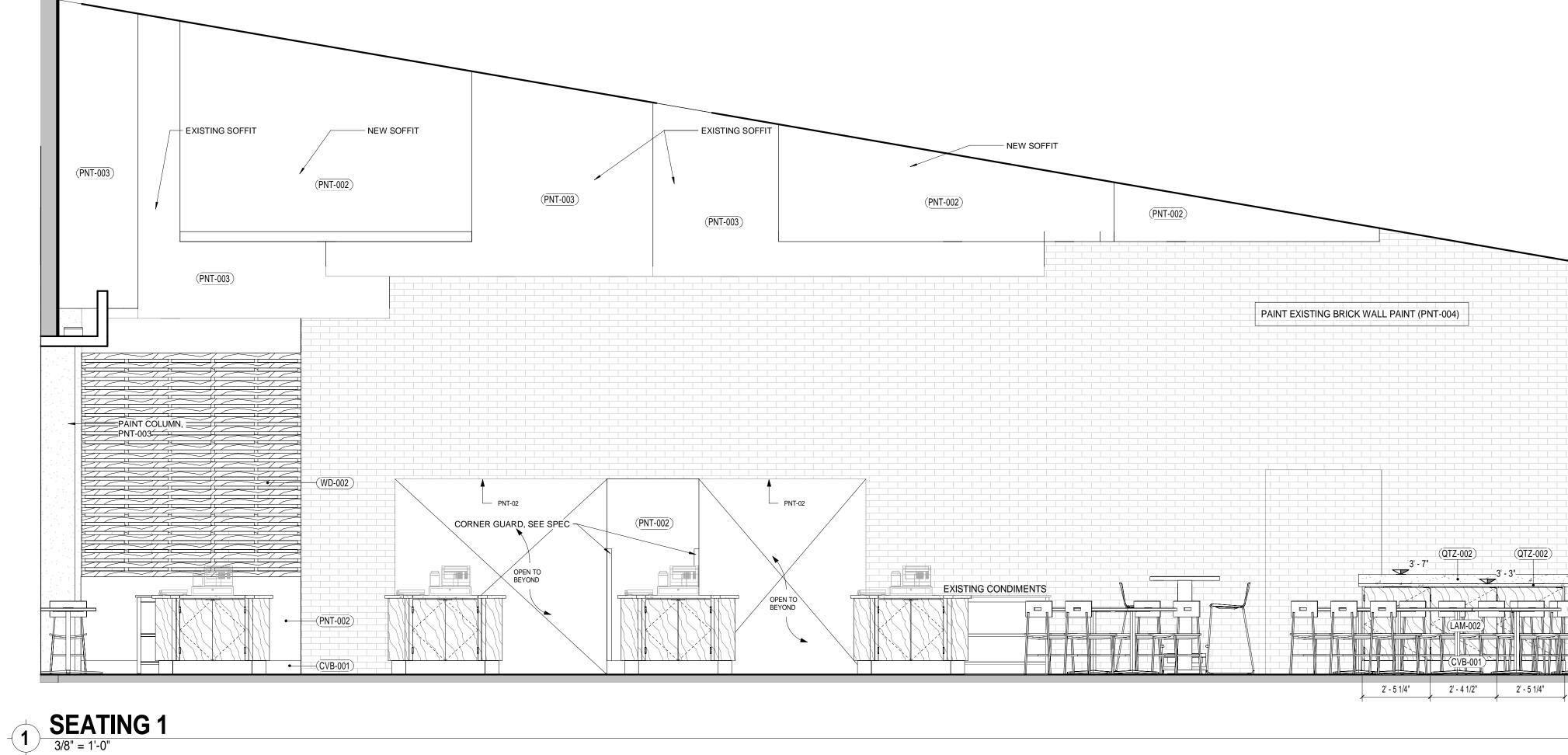
THE KITCHEN END ELEVATION 3/8" = 1'-0"

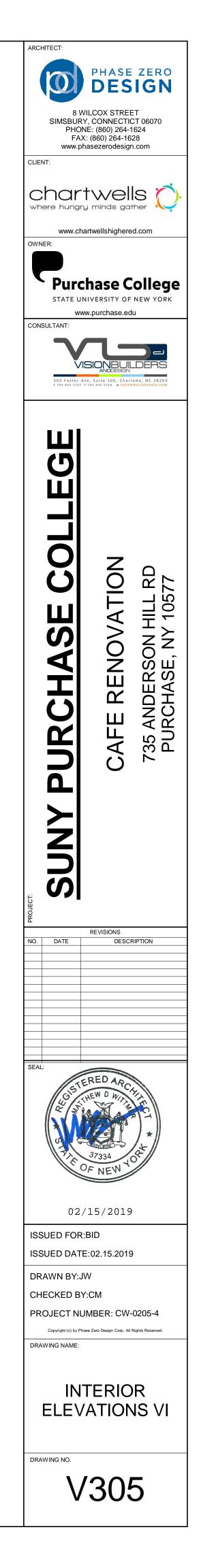




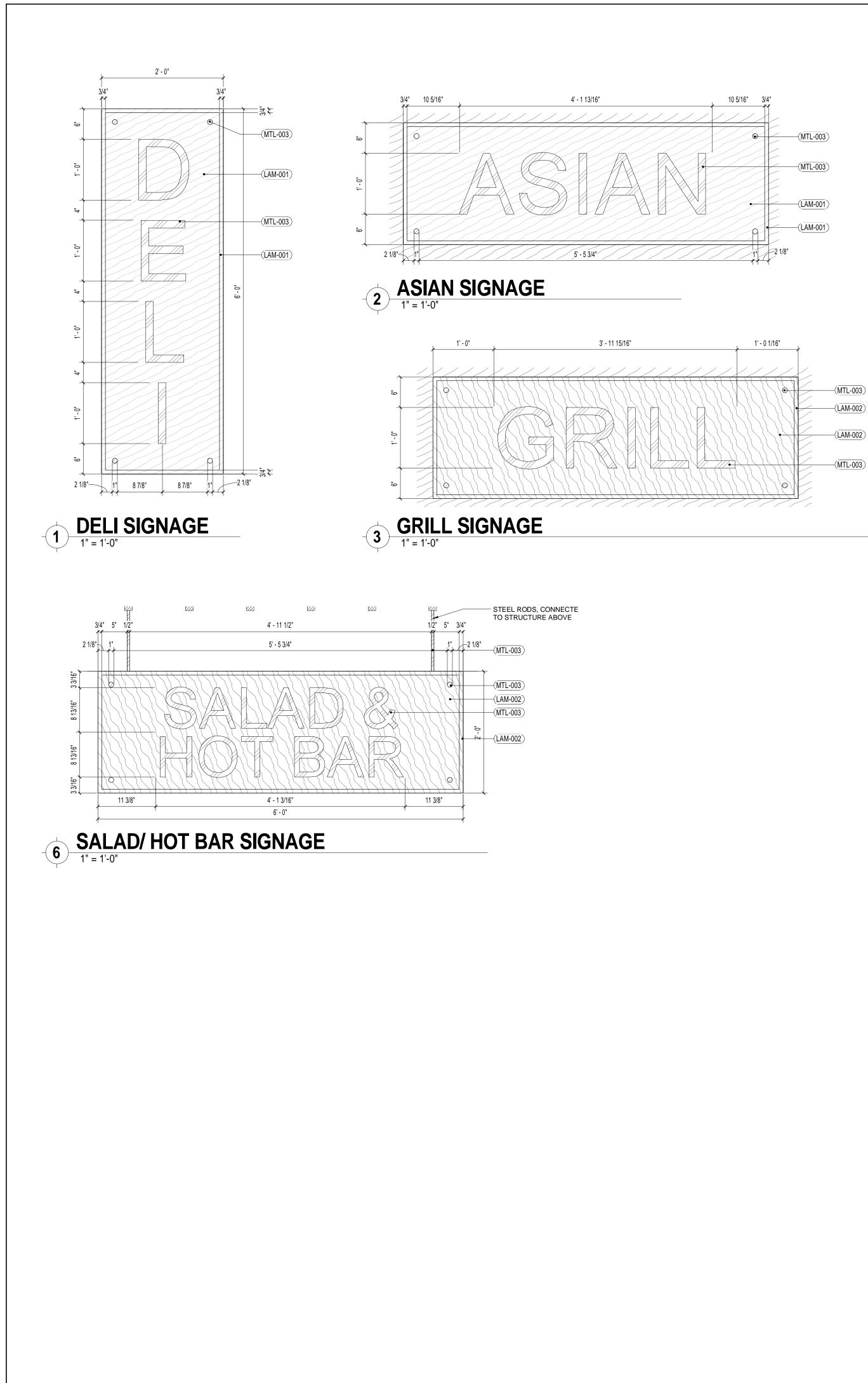


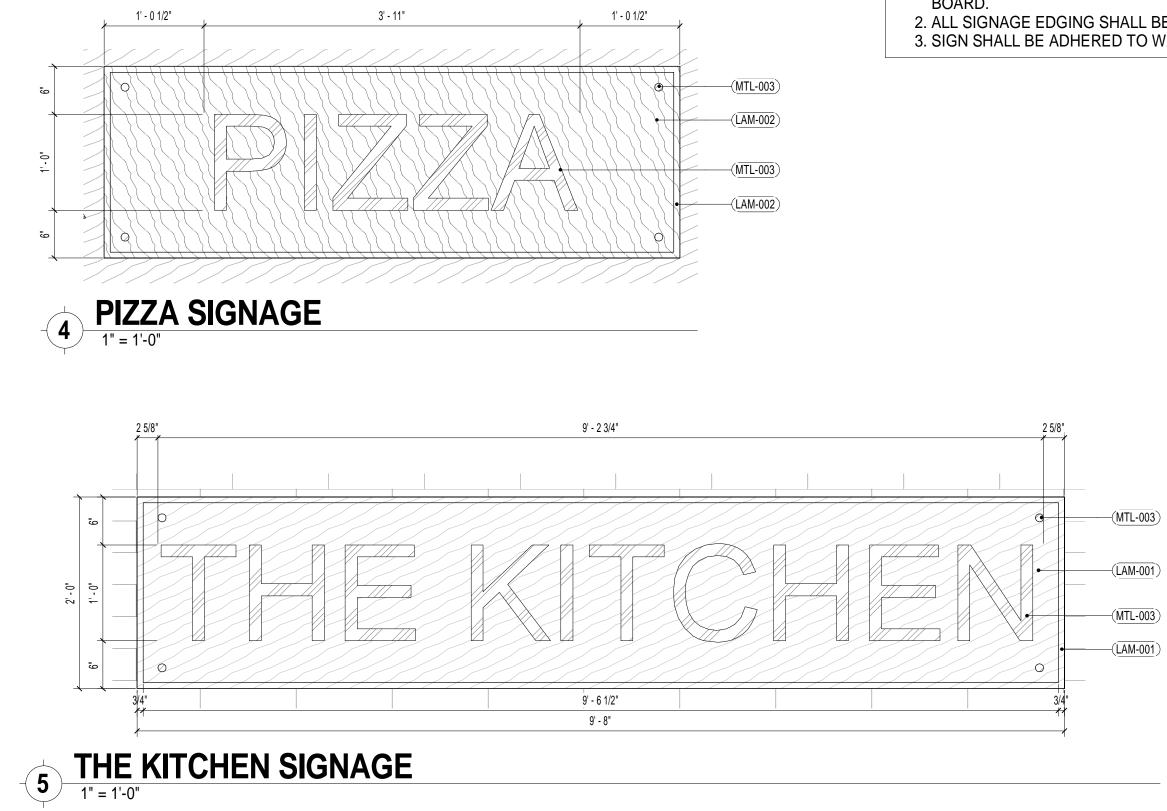


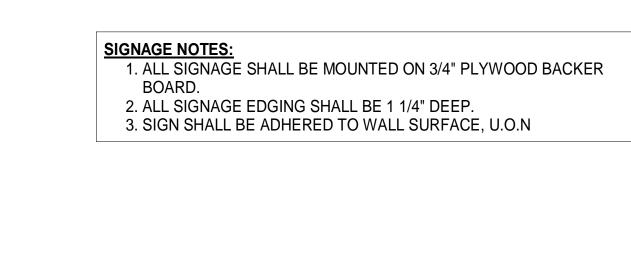


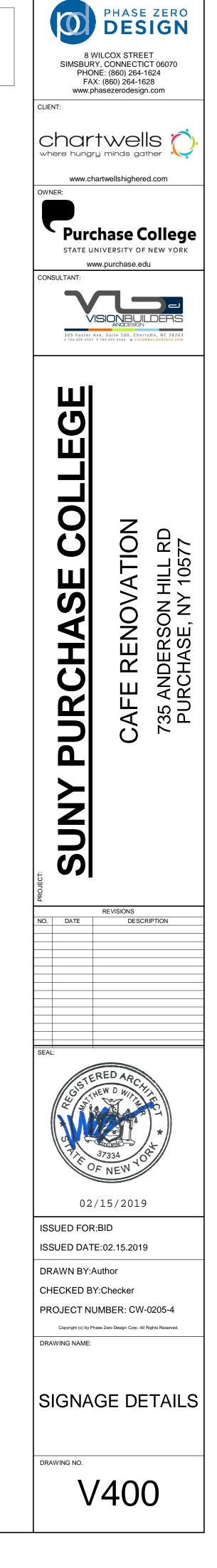


7.002	
Z-002)	
5 1/4"	

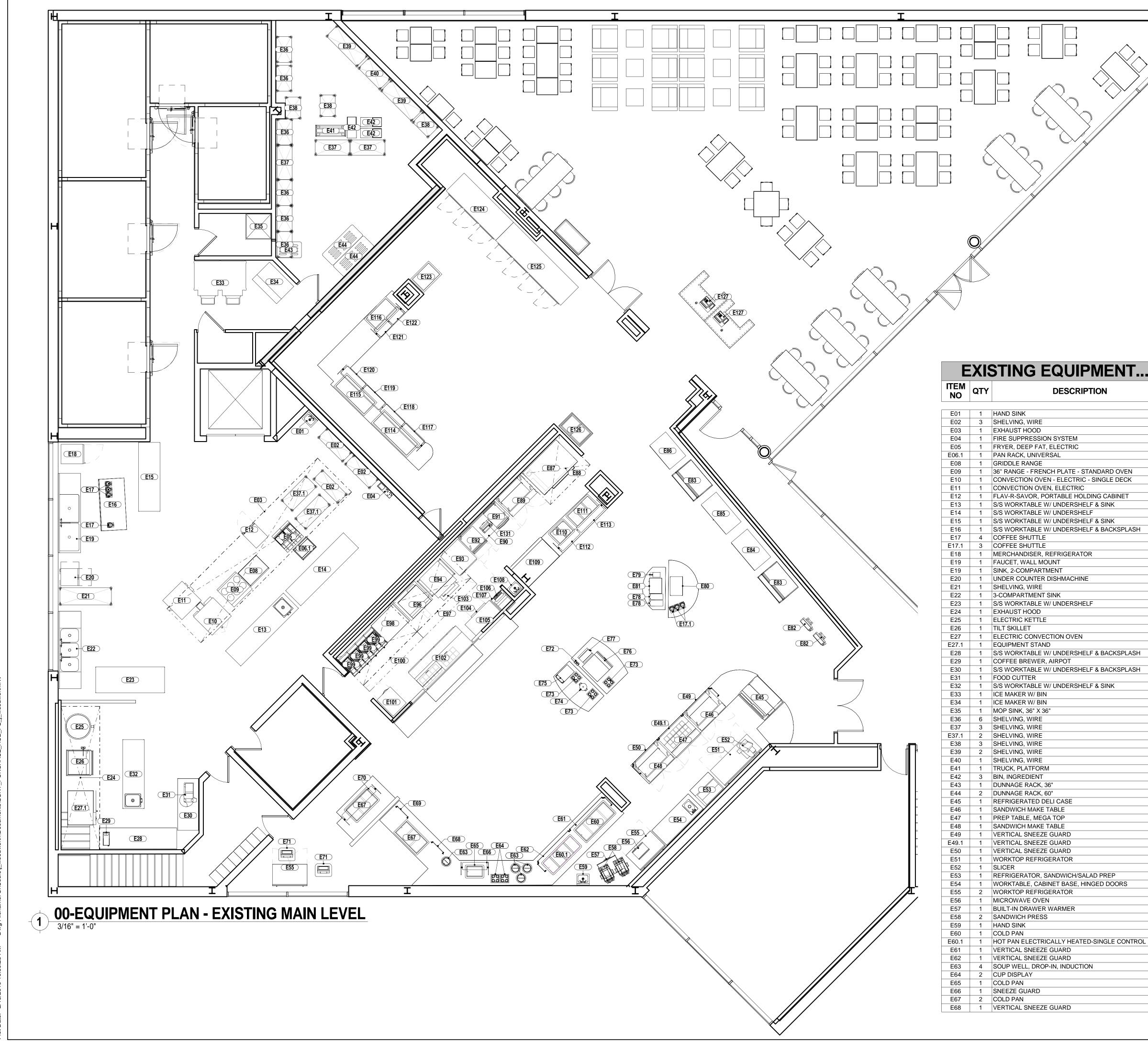


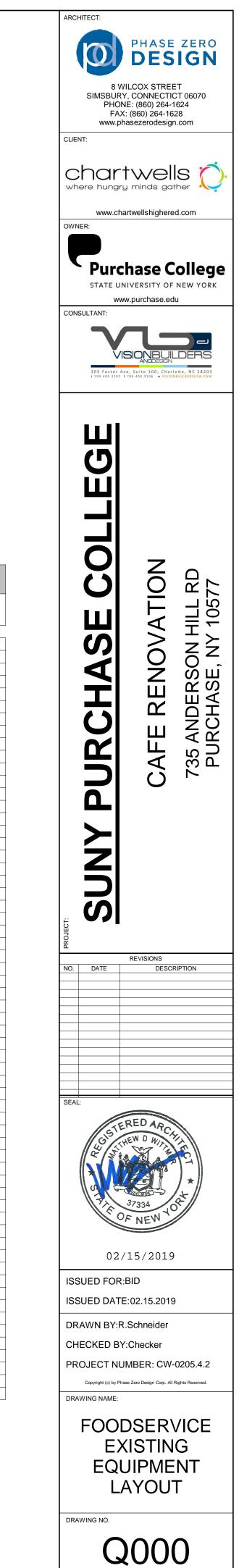






ARCHITECT:





M	Ε	Ν	T	

TANDARD OVEN
- SINGLE DECK
DING CABINET
LF & SINK LF
ELF & SINK ELF & BACKSPLASH
OR
E
·
LF
LF & BACKSPLASH
LF & BACKSPLASH
LF & SINK
LAD PREP
INGED DOORS

E71	2	IPAD NUTRITION KIOSK
E72	2	WATER FILTER SYSTEM
E73	3	CUP DISPLAY
E74	1	TEA URN
E75	1	MILK DISPENSER
E76	1	PEPSI SODA DISPENSER
E77	1	BEVERAGE DISPENSER
E78	2	COFFEE GRINDER
E79	1	HOT WATER DISPENSER
E80	1	MILK DISPENSER
E81	1	THERMAL COFFEE BREWER, DOUBLE
E82	2	POS, SELF-CHECKOUT
E83	2	AIRSCREEN
E84	1	GLASS DOOR MERCHANDISER REFRIGERATOR
E85	1	REACH-IN REFRIGERATOR
E86	1	GLASS DOOR MERCHANDISER REFRIGERATOR
E87	1	DECK OVEN, PIZZA, ELECTRIC
E88	1	EXHAUST HOOD
E89	1	SANDWICH MAKE TABLE
	-	
E90	1	WORKTOP SOLID DOOR REFRIGERATOR
E91	1	
E92	1	CONVECTION OVEN, ELECTRIC, COUNTERTOP
E93	1	REFRIGERATOR, ROLL IN
E94	1	BROILER
E95	1	EQUIPMENT STAND
E96	1	ULTRA-MAX ELECTRIC GRIDDLES
E97	1	EXHAUST HOOD
E98	1	DUMP STATION
E99	4	FRYER, 30 LB
E100	1	EXHAUST HOOD
E101	1	FREEZER, REACH-IN
E102	1	SANDWICH TOP REFRIGERATOR
E103	1	ICE CREAM STORAGE CABINET
E104	1	UNDERCOUNTER REFRIGERATOR
E105	1	S/S WORKTABLE W/ UNDERSHELF
E106	1	QCS3 SERIES HIGH VOLUME CONVEYOR TOASTERS
E107	1	CABINET, MOBILE, WARMING & HOLDING
E108	1	SINK, HAND, WALL-MOUNT
E109	1	REFRIGERATED DELI CASE
E110	1	DROPIN HOT WELL
E111	1	DROPIN HOT WELL
E112	1	SNEEZE GUARD
E113	1	SNEEZE GUARD
E114	1	HOT/COLD WELL, DROP-IN
E115	1	HOT/COLD WELL, DROP-IN
E116	1	HOT/COLD WELL, DROP-IN
E117	1	SNEEZE GUARD
E117 E118	1	SNEEZE GUARD
E118 E119	1	SNEEZE GUARD
E119 E120	1	SNEEZE GUARD
	1	SNEEZE GUARD
E121		
E122	1	SNEEZE GUARD
E123	1	
E124	1	BOTTLE BEVERAGE COOLER
E125	1	BOTTLE BEVERAGE COOLER
E126	1	FREEZER, ICE CREAM
E127	2	P.O.S.
E128	8	LOCKERS
E131	1	DOUGH SHEETER

		-
E69	1	VERTICAL SNEEZE GUARD
E70	1	SNEEZE GUARD
E71	2	IPAD NUTRITION KIOSK
E72	2	WATER FILTER SYSTEM
E73	3	CUP DISPLAY
E74	1	TEA URN
E75	1	MILK DISPENSER
E76	1	PEPSI SODA DISPENSER
E77	1	BEVERAGE DISPENSER
E78	2	COFFEE GRINDER
E79	1	HOT WATER DISPENSER
E80	1	MILK DISPENSER
E81	1	THERMAL COFFEE BREWER, DOUBLE
E82	2	POS, SELF-CHECKOUT
E83	2	AIRSCREEN
E84	1	GLASS DOOR MERCHANDISER REFRIGERAT
E85	1	REACH-IN REFRIGERATOR
E86	1	GLASS DOOR MERCHANDISER REFRIGERAT
E87	1	DECK OVEN, PIZZA, ELECTRIC
E88	1	EXHAUST HOOD
E89	1	SANDWICH MAKE TABLE
E90	1	WORKTOP SOLID DOOR REFRIGERATOR
E91	1	OVEN
E92	1	CONVECTION OVEN, ELECTRIC, COUNTERTO
E93	1	REFRIGERATOR, ROLL IN
E94	1	BROILER
E95	1	EQUIPMENT STAND
E96	1	ULTRA-MAX ELECTRIC GRIDDLES
E97	1	EXHAUST HOOD
E98	1	DUMP STATION
E99	4	FRYER, 30 LB
E100	1	EXHAUST HOOD
E101	1	FREEZER, REACH-IN
E102	1	SANDWICH TOP REFRIGERATOR
E103	1	ICE CREAM STORAGE CABINET
E104	1	UNDERCOUNTER REFRIGERATOR
E105	1	S/S WORKTABLE W/ UNDERSHELF
E106	1	QCS3 SERIES HIGH VOLUME CONVEYOR TO
E107	1	CABINET, MOBILE, WARMING & HOLDING
E108	1	SINK, HAND, WALL-MOUNT
E109	1	REFRIGERATED DELI CASE
E110	1	

EXISTING EQUIPMENT...

DESCRIPTION

ITEM NO QTY



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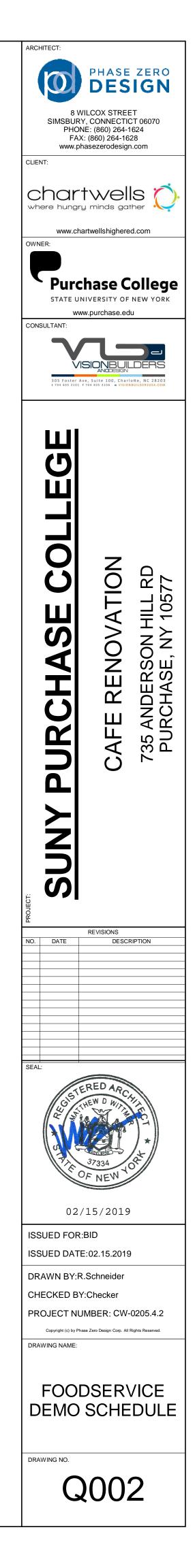
TEM	QTY	DESCRIPTION	EQUIPMENT REMARKS
NO	v (11		
06.1	1	PAN RACK, UNIVERSAL	EXISTING TO BE DEMOLISHED
E09	1	36" RANGE - FRENCH PLATE - STANDARD OVEN	EXISTING TO BE DEMOLISHED
17.1	3	COFFEE SHUTTLE	EXISTING TO BE DEMOLISHED
E18	1	MERCHANDISER, REFRIGERATOR	EXISTING TO BE DEMOLISHED
E20	1	UNDER COUNTER DISHMACHINE	EXISTING TO BE DEMOLISHED
E34	1	ICE MAKER W/ BIN	EXISTING TO BE DEMOLISHED
E36	6	SHELVING, WIRE	EXISTING TO BE DEMOLISHED
E37	3	SHELVING, WIRE	EXISTING TO BE DEMOLISHED
E38	3	SHELVING, WIRE	EXISTING TO BE DEMOLISHED
E39	2	SHELVING, WIRE	EXISTING TO BE DEMOLISHED
E40	1	SHELVING, WIRE	EXISTING TO BE DEMOLISHED
E42	3		EXISTING TO BE DEMOLISHED
E45	1		EXISTING TO BE DEMOLISHED
E46	1		
E47	1		
E48	1		EXISTING TO BE DEMOLISHED
E49	1	VERTICAL SNEEZE GUARD	EXISTING TO BE DEMOLISHED
49.1	1	VERTICAL SNEEZE GUARD	
E50	1		
E54	1	WORKTABLE, CABINET BASE, HINGED DOORS	
E56 E57	1	MICROWAVE OVEN BUILT-IN DRAWER WARMER	
E57 E58	1	SANDWICH PRESS	EXISTING TO BE DEMOLISHED EXISTING TO BE DEMOLISHED
E58 E59			EXISTING TO BE DEMOLISHED
E59 E60	1	HAND SINK COLD PAN	EXISTING TO BE DEMOLISHED
E60.1	1	HOT PAN ELECTRICALLY HEATED-SINGLE CONTROL	EXISTING TO BE DEMOLISHED
E61	1	VERTICAL SNEEZE GUARD	EXISTING TO BE DEMOLISHED
E62	1	VERTICAL SNEEZE GUARD	EXISTING TO BE DEMOLISHED
E63	4	SOUP WELL, DROP-IN, INDUCTION	EXISTING TO BE DEMOLISHED
E64	2	CUP DISPLAY	EXISTING TO BE DEMOLISHED
E65	1	COLD PAN	EXISTING TO BE DEMOLISHED
E66	1	SNEEZE GUARD	EXISTING TO BE DEMOLISHED
E68	1	VERTICAL SNEEZE GUARD	EXISTING TO BE DEMOLISHED
E69	1	VERTICAL SNEEZE GUARD	EXISTING TO BE DEMOLISHED
E70	1	SNEEZE GUARD	EXISTING TO BE DEMOLISHED
E73	3	CUP DISPLAY	EXISTING TO BE DEMOLISHED
E76	1	PEPSI SODA DISPENSER	EXISTING TO BE DEMOLISHED
E83	2	AIRSCREEN	EXISTING TO BE DEMOLISHED
E87	1	DECK OVEN, PIZZA, ELECTRIC	EXISTING TO BE DEMOLISHED
E92	1	CONVECTION OVEN, ELECTRIC, COUNTERTOP	EXISTING TO BE DEMOLISHED
102	1	SANDWICH TOP REFRIGERATOR	EXISTING TO BE DEMOLISHED
104	1	UNDERCOUNTER REFRIGERATOR	EXISTING TO BE DEMOLISHED
109	1	REFRIGERATED DELI CASE	EXISTING TO BE DEMOLISHED
110	1	DROPIN HOT WELL	EXISTING TO BE DEMOLISHED
111	1	DROPIN HOT WELL	EXISTING TO BE DEMOLISHED
112	1	SNEEZE GUARD	EXISTING TO BE DEMOLISHED
113	1	SNEEZE GUARD	EXISTING TO BE DEMOLISHED
117	1	SNEEZE GUARD	EXISTING TO BE DEMOLISHED
118	1	SNEEZE GUARD	EXISTING TO BE DEMOLISHED
119	1	SNEEZE GUARD	EXISTING TO BE DEMOLISHED
120	1	SNEEZE GUARD	EXISTING TO BE DEMOLISHED
121	1	SNEEZE GUARD	EXISTING TO BE DEMOLISHED
122	1	SNEEZE GUARD	EXISTING TO BE DEMOLISHED
123	1	HOT COUNTER	EXISTING TO BE DEMOLISHED
124	1	BOTTLE BEVERAGE COOLER	EXISTING TO BE DEMOLISHED
E125	1	BOTTLE BEVERAGE COOLER	EXISTING TO BE DEMOLISHED
E126	1	FREEZER, ICE CREAM	EXISTING TO BE DEMOLISHED

FOODSERVICE EQUIPMENT SCHEDULE - RELOCATED

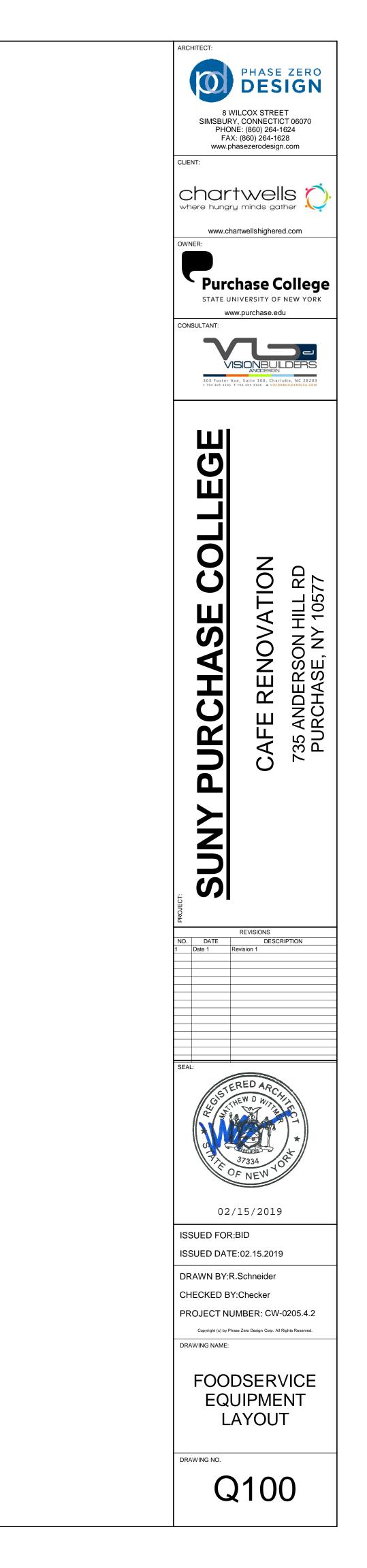
ITEM NO	QTY	DESCRIPTION	EQUIPMENT REMARKS
E17	4	COFFEE SHUTTLE	EXISTING TO BE RELOCATED
E41	1	TRUCK, PLATFORM	EXISTING TO BE RELOCATED
E51	1	WORKTOP REFRIGERATOR	EXISTING TO BE RELOCATED
E52	1	SLICER	EXISTING TO BE RELOCATED
E53	1	REFRIGERATOR, SANDWICH/SALAD PREP	EXISTING TO BE RELOCATED
E55	2	WORKTOP REFRIGERATOR	EXISTING TO BE RELOCATED
E67	2	COLD PAN	EXISTING TO BE RELOCATED
E71	2	IPAD NUTRITION KIOSK	EXISTING TO BE RELOCATED
E72	2	WATER FILTER SYSTEM	EXISTING TO BE RELOCATED
E74	1	TEA URN	EXISTING TO BE RELOCATED
E75	1	MILK DISPENSER	EXISTING TO BE RELOCATED
E77	1	BEVERAGE DISPENSER	EXISTING TO BE RELOCATED
E78	2	COFFEE GRINDER	EXISTING TO BE RELOCATED
E79	1	HOT WATER DISPENSER	EXISTING TO BE RELOCATED
E80	1	MILK DISPENSER	EXISTING TO BE RELOCATED
E81	1	THERMAL COFFEE BREWER, DOUBLE	EXISTING TO BE RELOCATED
E82	2	POS, SELF-CHECKOUT	EXISTING TO BE RELOCATED
E84	1	GLASS DOOR MERCHANDISER REFRIGERATOR	EXISTING TO BE RELOCATED
E85	1	REACH-IN REFRIGERATOR	EXISTING TO BE RELOCATED
E86	1	GLASS DOOR MERCHANDISER REFRIGERATOR	EXISTING TO BE RELOCATED
E114	1	HOT/COLD WELL, DROP-IN	EXISTING TO BE RELOCATED
E115	1	HOT/COLD WELL, DROP-IN	EXISTING TO BE RELOCATED
E116	1	HOT/COLD WELL, DROP-IN	EXISTING TO BE RELOCATED
E127	2	P.O.S.	EXISTING TO BE RELOCATED

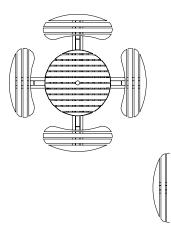
FOOD SERVICE DEMOLITION NOTES:

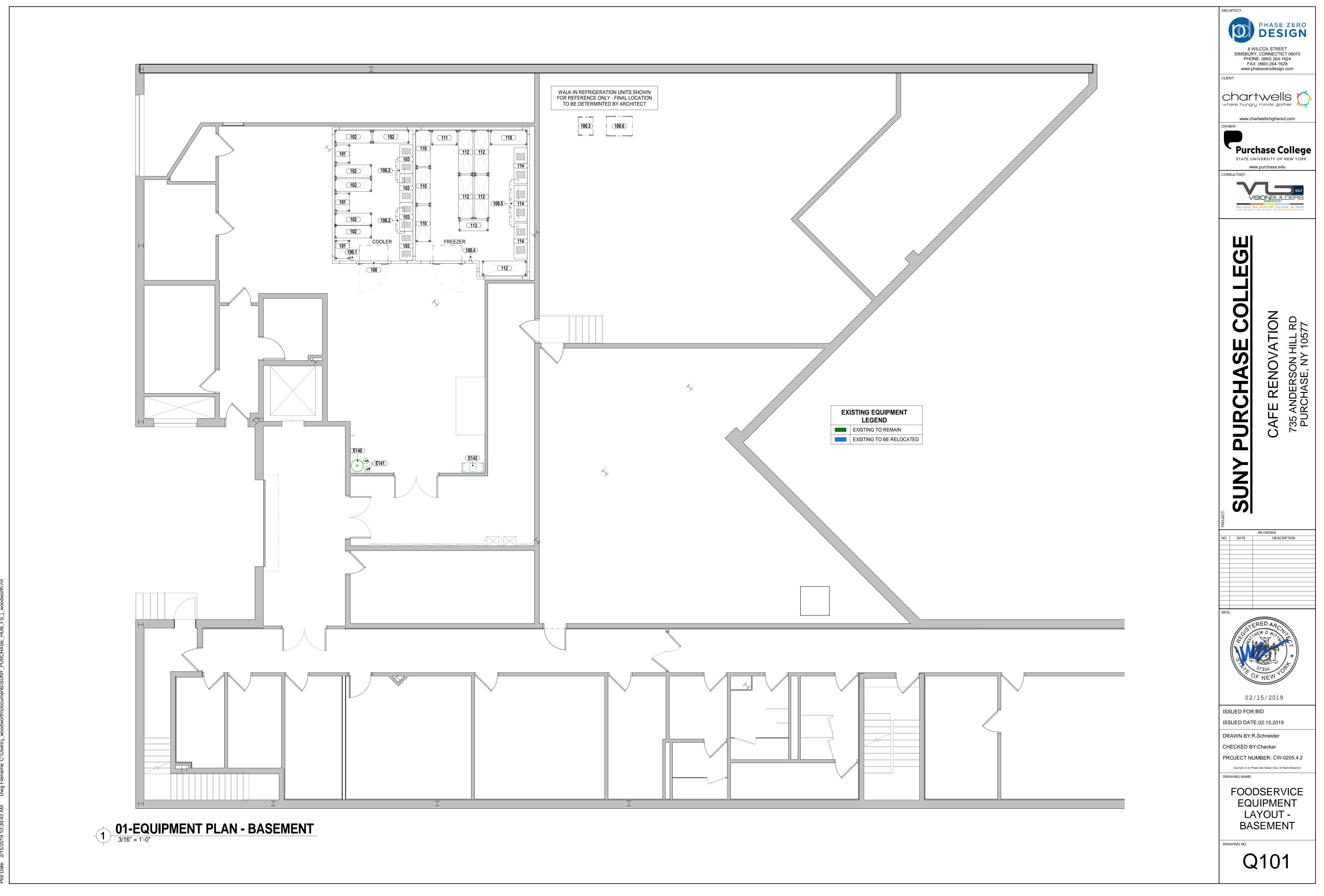
- THIS PLAN DEPICTS LOCATIONS OF FOODSERVICE EQUIPMENT AT THE TIME OF SURVEY AND IS TO BE USED AS A REFERENCE AND GUIDE TO THE MAIN KITCHEN RENOVATION.
- REFER TO SHEET Q100 FOR PROPOSED OVERALL EQUIPMENT PLAN.
 ALL EXISTING EQUIPMENT SCHEDULED FOR REUSE IN THE FACILITY IS COLOR-CODED FOR QUICK REFERENCE.
- ALL FOODSERVICE EQUIPMENT THAT IS SCHEDULED FOR REUSE SHALL BE TAGGED, REMOVED AND STORED IN A LOCATION PROVIDED BY THE GENERAL CONTRACTOR ON SITE. TRANSPORTATION OF EQUIPMENT SHALL BE PROVIDED BY THE CONTRACTOR.
- ALL FOODSERVICE EQUIPMENT THAT IS SCHEDULED FOR REMOVAL SHALL BE TURNED OVER TO THE OWNER FOR DISPOSAL OR STORAGE AT THEIR DISCRETION.
- VERIFY AND DOCUMENT THE OPERATING CONDITION OF ALL RELOCATED EQUIPMENT PRIOR TO ITS BEING DISCONNECTED. DOCUMENT THE CONDITION OF THE EQUIPMENT TO NOTE ANY DENTS, SCRATCHES, BROKEN COMPONENTS OR OTHER DAMAGE PRIOR TO PLACING IT IN STORAGE. PROTECT EQUIPMENT DURING TRANSPORT AND STORAGE, AND ASSUME RESPONSIBILITY FOR ITS REINSTALLATION IN THE CONDITION VIEWED PRIOR TO REMOVAL. TRANSPORT AND INSTALL THE
- CONDITION VIEWED PRIOR TO REMOVAL. TRANSPORT AND INSTALL THE EQUIPMENT IN ACCORDANCE WITH ITEM SPECIFICATIONS.
 ALL EQUIPMENT, SUCH AS DROP-IN UNITS AND SNEEZE GUARDS, SCHEDULED FOR DELISE IN MULTIONE COUNTERS SHALL BE FIELD.
- SCHEDULED FOR RE-USE IN MILLWORK COUNTERS SHALL BE FIELD
 VERIFIED BY KEC. KEC IS RESPONSIBLE FOR FURNISHING THE CORRECT
 PLACEMENT AND CUTOUT REQUIREMENTS TO MILLWORK CONTRACTOR
 FOR COMPLETE COORDINATION.
 THE KEC IS NOT RESPONSIBLE FOR REFURBISHING EQUIPMENT NOTED
- THE KEC IS NOT RESPONSIBLE FOR REFURBISHING EQUIPMENT NOTE AS EXISTING ON PLANS OR SPECIFICATIONS UNLESS WORK IS SPECIFICALLY CALLED FOR IN THIS SECTION.
- ALL DISCONNECTING AND RECONNECTING OF SERVICES TO EXISTING EQUIPMENT SHALL BE PERFORMED BY RELATED TRADES.
- THE KEC SHALL NOT PROVIDE A WARRANTY OR GUARANTEE ON EXISTING EQUIPMENT. IN THE CASE OF A NEW COMPONENT BEING PROVIDED BY THE KEC FOR AN EXISTING PIECE OF EQUIPMENT, THE COMPONENT SHALL BE WARRANTED OR GUARANTEED AS SPECIFIED HEREIN BEFORE.

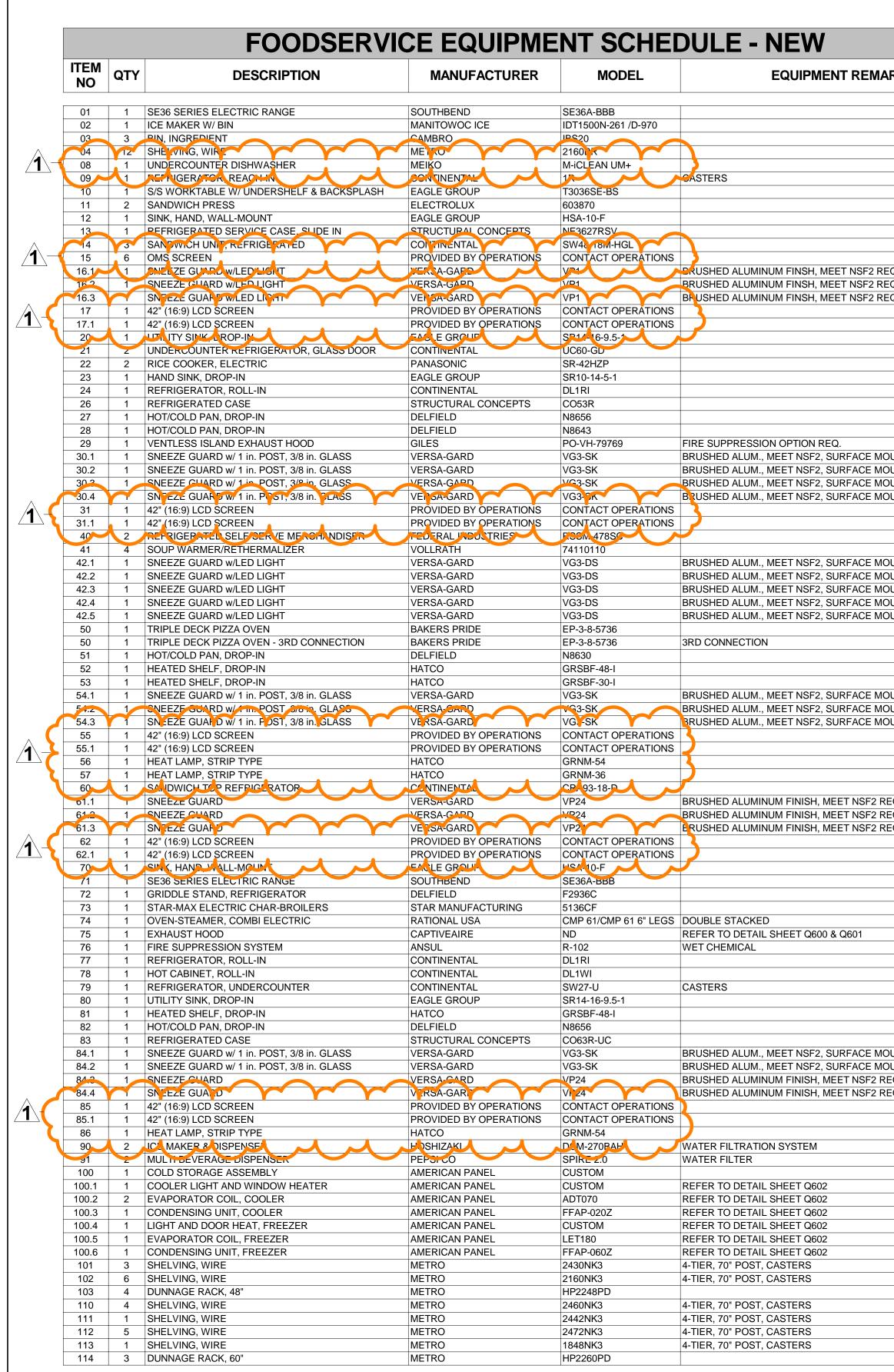














BIR S SHELVING, VINE DE DD 1 PRESUMPESSION SYSTM DE DD PRESUMPESSION SYSTM DE			00	DSERVICE EXISTING	EQUIPMENT SCHDU
Fox 3 SHELVING, WRE EX EX 5 SHELVING, WRE EX EX FIRE SUPPRESION SYSTEM EX EX FIRE SUPPRESION SYSTEM EX EX FIRE SUPPRESION SYSTEM EX EX FIRA VALUE, UNIVERSAL EX EX FIRA VALUES, UNIVERSALEF A SINK EX EX SIN VORTARIE VULIDERSHIEF A SINK EX EX SIN VORTAR			QTY	DESCRIPTION	Equipment Remarks
EQU 3 SHELMAN, WIRE EX EGN 1 FIRE SUPPRESSION SYSTEM EX EGN 1 CONVECTION OVEN. ELECTING EX EGN 1 CONVECTION OVEN. ELECTING EX EGN 1 SIS WORKTABLE WILNDERSHELL A SINK EX EGN 1 SIS WORKTABLE WILNDERSHELL A SINK EX EGN 1 FIRE SUMPRESSION SINK EX		E01	1		EXISTING TO REMAIN
Evil 1 PRE SUPPRESION SYSTEM EXE 2006 1 PAN RACK, LINVERSAL EXE 2017 2018 3 PAN RACK, LINVERSAL EXE 2018 1 COMPECTION OVEN, FLECTING - SINULE DECK EXE 2019 1 COMPECTION OVEN, FLECTING - SINULE DECK EXE 2011 1 SW WORKTALE W/ UNDERSHELF & SINK EXE 2011 1 SW WORKTALE W/ UNDERSHELF & SINK EXE 2014 1 SW WORKTALE W/ UNDERSHELF & SINK EXE 2015 1 1 SW WORKTALE W/ UNDERSHELF & SINK EXE 2016 1 SW WORKTALE W/ UNDERSHELF & SINK EXE 2017 1 COMPARTINET RINK EXE 2018 1 SW WORKTALE W/ UNDERSHELF & SINK EXE 2014 1 SW WORKTALE W/ UNDERSHELF & SINK EXE 2014 1 SW WORKTALE W/ UNDERSHELF & SINK EXE 2014 1 SW WORKTALE W/ UNDERSHELF & SINK EXE 2014 SW WORKTALE W/ UNDERSHELF & SINK </td <td></td> <td></td> <td></td> <td></td> <td>EXISTING TO REMAIN</td>					EXISTING TO REMAIN
Book 1 Priver, DEEP FAT, ELECTING EX 100 1 PAIN RACE, UNIVERSAL EX 100 1 GRIDDLE RANGE EX 101 1 COWECTION OVEN ELECTING EX 101 1 SW MORATABLE WUNDERSHELF EX 101 1 SW MORATABLE WUNDERSHELF EX 101 1 SW MORATABLE WUNDERSHELF EX EX 101 1 SW MORATABLE WUNDERSHELF EX EX EX 101 1 FUNCTURE EX EX EX EX 101 FUNCTURE EX EX EX EX EX EX 111 FUNCTURE EX EX EX EX EX EX 111 FUNCTURE EX EX EX EX </td <td></td> <td></td> <td></td> <td></td> <td>EXISTING TO REMAIN</td>					EXISTING TO REMAIN
Build S PAN RACK UNIVERSAL EVEN FIG0 1 CONVECTION OVEN - ELECTRIC - SINGLE DECK EXE FIG0 1 CONVECTION OVEN - ELECTRIC - SINGLE DECK EXE FIG0 1 CONVECTION OVEN - ELECTRIC - SINGLE DECK EXE FIG0 1 SINGRATALE HOLDING CABINET EXE FIG0 1 SINGRATALE WUNDERSHELT - SINK EXE NENTS FIG 1 SINGRATALE WUNDERSHELT - SINK EXE NENTS FIG 1 SINGRATALE WUNDERSHELT - SINK EXE NENTS FIG 1 SINGRATALE WUNDERSHELT - SINK EXE FIG 1 SINGRATALE WUNDERSHELT - SINK EXE EXE<					
EB 1 GRUDALE RANGE EX E10 1 CONVECTION OVER - LECTRIC SINCLE DECK EX E11 1 CONVECTION OVER - LECTRIC SINCLE DECK EX E12 1 SIX WORKTABLE W/ UNDERSHIEL & SINK EX E13 1 SIX WORKTABLE W/ UNDERSHIEL & SINK EX ENENTS E14 1 SIX WORKTABLE W/ UNDERSHIEL EX ENENTS E14 1 SIX WORKTABLE W/ UNDERSHIEL EX ENENTS E17 4 SIX WORKTABLE W/ UNDERSHIEL EX E19 1 SIX WORKTABLE W/ UNDERSHIEL EX EX E19 1 SIX WORKTABLE W/ UNDERSHIEL EX EX E22 1 SIX WORKTABLE W/ UNDERSHIEL EX EX E23 1 SIX WORKTABLE W/ UNDERSHIEL SIX EX EX E24 1 SIX WORKTABLE W/ UNDERSHIEL SIX EX					EXISTING TO REMAIN EXISTING TO BE RELOCATED
EI 1 CONVERTION OVER, ELECTRIC EX E12 1 SCONTABLE WULDRESHELF & SINK EX E13 1 SS WORTABLE WULDRESHELF & SINK EX E14 1 SS WORTABLE WULDRESHELF & SINK EX E16 1 SS WORTABLE WULDRESHELF & SINK EX E16 1 SS WORTABLE WULDRESHELF & SINK EX E17 4 COPER ENTITE EX E17 4 COPER ENTITE EX E17 4 COPERTER ENTITE EX E17 4 COPERTER ENTITE EX E17 4 COPERTER ENTITE EX E28 1 SWORTABLE WULDRESHELF EX E28 1 SWORTABLE WULDRESHELF EX E24 1 SWORTABLE WULDRESHELF EX E24 1 SWORTABLE WULDRESHELF EX E24 1 COWER PLATE EX SWORTABLE WULDRESHELF E24 1 EX SWORTABLE WULDRESHELF & SINK			-		EXISTING TO REMAIN
Etc 1 FLAX-RAYOR, PORTABLE HOLDING CARINET EX E13 1 SS WORKTABLE WUNDERSHELF & SINK EX EMENTS E16 1 SS WORKTABLE WUNDERSHELF & SINK EX EMENTS E16 1 SS WORKTABLE WUNDERSHELF & SINK EX EMENTS E16 1 SS WORKTABLE WUNDERSHELF & SINK EX EMENTS E16 1 SS WORKTABLE WUNDERSHELF & SINK EX EMENTS E17 4 COPTES SHUTTLE EX E18 1 FALORT, WALL MOUNT EX EX E21 1 SS WORKTABLE WUNDERSHELF EX EX E23 1 SS WORKTABLE WUNDERSHELF EX EX E24 1 EX WORKTABLE WUNDERSHELF EX					EXISTING TO REMAIN
End 1 SIX SUPERTAILE WUNDERSHELF & SINK EX EMENTS E16 1 SIX WORKTABLE WUNDERSHELF & SINK EX EMENTS E16 1 SIX WORKTABLE WUNDERSHELF & SINK EX EMENTS E17 4 COPEE FAUTTLE EX EMENTS E17 4 COPEE FAUTTLE EX E19 1 SIX WORKTABLE WUNDERSHELF & SINK EX E19 1 SIX WORKTABLE WUNDERSHELF EX E23 1 SIX WORKTABLE WUNDERSHELF EX E24 1 SIX WORKTABLE WUNDERSHELF EX COVER PLATE E24 1 EX EX COVER PLATE E24 1 EX EX COVER PLATE E24 1 EX EX EX COVER PLATE E33 1 <td></td> <td></td> <td></td> <td></td> <td>EXISTING TO REMAIN EXISTING TO REMAIN</td>					EXISTING TO REMAIN EXISTING TO REMAIN
Ein Martin Ein 4 1 Six WorkTradle WV UNDERSHELF EX ENN IS Ein 6 1 Six WorkTradle WV UNDERSHELF & SINK EX ENN IS Ein 1 Six WorkTradle WV UNDERSHELF & SINK EX ENN IS Ein 1 Six WorkTradle WV UNDERSHELF & SINK EX EIN 1 Six WorkTradle WV UNDERSHELF EX EX EIN 1 Six WorkTradle WV UNDERSHELF EX EX EIN 1 FAUCTY Six WorkTradle WV UNDERSHELF EX EIN 1 FAUCTY EX EX EX EIN 1 FAUCTY EX EX EX EX EIN 1 FAUCTY EX EX EX EX EX EIN 1 FAUCTY EX EX <td< td=""><td></td><td></td><td></td><td></td><td>EXISTING TO REMAIN</td></td<>					EXISTING TO REMAIN
MENTS F16 1 SK WORKTABLE WUNDERSHELF & BACKSPLASH EX MENTS F17 4 COPFEE SHTTLE EX SHENTS F18 1 FAUCET, WALL MOUNT EX SHENTS F18 1 SAUCET, WALL MOUNT EX SHENTS F18 1 SAUCET, WALL MOUNT EX COURT SAUCET, WALL MOUNT EX EX EX E22 1 SAUCET, WALL MOUNT EX EX E23 1 SAUCET, WALL MOUNT EX EX E24 1 SAUCET, WALL MOUNT EX EX E23 1 SAUCET, WALL MOUNT EX EX E24 1 EX44000 EX EX EX COVER PLATE E33 IS WORKTABLE WUNDERSHELF & BACKSPLASH EX COVER PLATE E33 IS WORKTABLE WUNDERSHELF & BACKSPLASH EX COVER PLATE E33 IS WORKTABLE WUNDERSHELF & BACKSPLASH EX COVER PLATE E33 INFARDEARDEW					EXISTING TO REMAIN
MENTS F17 4 COPPE SHUTTLE EX E10 1 SINK 2 COMPARTMENT EX E11 1 SINK 2 COMPARTMENT EX E21 1 SINK X COMPARTMENT EX E22 1 SIK WORTAREALE WINDERSHELF EX E23 1 SIK WORTAREALE WINDERSHELF EX E24 1 ELECTRIK RETLE EX E25 1 ELECTRIK CONTROLON OVEN EX E26 1 TIL TSAILLET EX E27 1 ELECTRIK CONTROLON OVEN EX E28 1 TIL TSAILLET EX E29 1 TIL SIGNMERT ALLOND EX COVER PLATE E30 1 SIG WORTABLE WINDERSHELF & BACKSPLASH COVER PLATE E33 1 SIG WORTABLE WINDERSHELF & SINK EX COVER PLATE E33 1 SIG WORTABLE WINDERSHELF & SINK EX COVER PLATE E34 1 DUNAKE RACK 39* EX COVER PLATE					EXISTING TO REMAIN
E10 1 FAUCET, WALL MOUNT EX E10 1 SINK, 2-COMPARTMENT EX E21 1 SIKK, 2-COMPARTMENT EX E22 1 ELECTRIC CONVECTION OVEN EX E22 1 ELECTRIC CONVECTION OVEN EX E22 1 ELECTRIC CONVECTION OVEN EX E23 1 SIK WORKTABLE, WUNDERSHELF & BACKSPLASH EX COVER PLATE E24 1 SIK WORKTABLE, WUNDERSHELF & SIKK EX COVER PLATE E33 1 RCE MARER WUS BIN EX EX COVER PLATE E34 1 WORKTOP REFRIGERATOR EX EX COVER PLATE E54 1 WORKTOP REFRIGERATOR EX EX COVER PLATE E54 1					EXISTING TO REMAIN EXISTING TO BE RELOCATED
E22 1 SHELVING.WRE EX E22 1 SCOMARTHENT SINK EX E22 1 SCOMARTHENT SINK EX E24 1 SCOMARTHENT SINK EX E24 1 ELECTRIC KETTLE EX E24 1 ELECTRIC CONVECTION OVEN EX E22 1 ELECTRIC CONVECTION OVEN EX E22 1 ELECTRIC CONVECTION OVEN EX COVER PLATE E20 1 SUMORITABLE W/UNDERSHELF & BACKSPLASH EX COVER PLATE E33 1 SUMORITABLE W/UNDERSHELF & BACKSPLASH EX COVER PLATE E33 1 SUMORITABLE W/UNDERSHELF & BACKSPLASH EX COVER PLATE E34 MORSING SG X 30" EX EX COVER PLATE E34 JUNNAGE RACK 30" EX COVER PLATE E44 JUNNAGE RACK 30" EX COVER PLATE E55 SUECER EX COVER PLATE E56 SUMORITOR REFINISERATOR EX					EXISTING TO REMAIN
E22 1 3-COMPARTMENT SINK EX E22 1 3-SI WORTABLE W/ INDERSHELF EX E24 1 ELECTRIC KETLE EX E25 1 ELECTRIC KETLE EX E26 1 ILT SILLET EX COVER PLATE E26 1 ELECTRIC CONVECTION OVEN EX COVER PLATE E39 IS SI WORTABLE W/ INDERSHELF & BACKSPLASH EX COVER PLATE E33 1 FODO CUTTER EX EX COVER PLATE E31 1 FODO CUTTER EX EX EX COVER PLATE E33 1 NOR SINK 3/X 3/4" EX EX COVER PLATE E34 1 DUMAGE MACK, 3/4" EX COVER PLATE E44 1 DUMAGE MACK, 3/4" </td <td></td> <td></td> <td></td> <td></td> <td>EXISTING TO REMAIN</td>					EXISTING TO REMAIN
E23 1 SS WORKTABLE WUNDERSHELF EX E24 1 EXAMPT HODO EX E25 1 ELECTRIC KETTLE EX E26 1 FLITSKILLET EX E27 1 ELECTRIC CONVECTION OVEN EX E27 1 ELECTRIC CONVERTIGE EX COVER PLATE E28 1 SS WORKTABLE WUNDERSHELF & BACKSPLASH EX COVER PLATE E30 1 SS WORKTABLE WUNDERSHELF & BACKSPLASH EX COVER PLATE E31 1 FOOD CUTTER WUNDERSHELF & BACKSPLASH EX COVER PLATE E33 1 FOOD CUTTER WUNDERSHELF & SINK EX COVER PLATE E33 1 ICO MARCH WINN EX EX COVER PLATE E34 1 DUNNAGE RACK, 60° EX COVER PLATE E54 1 UNNKOR FACK, 60° EX COVER PLATE E54 1 UNNKOR FACK, 60° EX COVER PLATE E54 1 UNN					
E24 1 PAHAUST HOOD EX E26 1 ELECTRO KETTLE EX E27 1 ELECTRO KETTLE EX COURE PLATE E27 1 ELECTRO CONVECTON OVEN EX COURT PLATE E28 1 ELECTRO CONVECTON OVEN EX COURT PLATE E28 1 SIS WORKTABLE WILDORERHELF & BACKSPLASH EX COURT PLATE E33 1 FOOD CUTTER EX EX COURT PLATE E33 1 COURT MALE WILDORERHELF & BACKSPLASH EX COURT PLATE E33 1 COURT MALE WILDORERHELF & BACKSPLASH EX COURT PLATE E44 1 DUNNAGE RACK, 30* EX EX COURT PLATE E44 1 DUNNAGE RACK, 30* EX EX EX COURT PLATE E53 1 REFRIGERATOR EX EX EX COURT PLATE E53 1 REFRIGERATOR EX EX EX EX EX EX EX					EXISTING TO REMAIN EXISTING TO REMAIN
E25 1 ELECTRIC KETTLE EX E27 1 FLISKLET EX COVER PLATE E28 1 SVS WORKTABLE W/ UNDERSHELF & BACKSPLASH EX COVER PLATE E29 1 SVS WORKTABLE W/ UNDERSHELF & BACKSPLASH EX COVER PLATE E30 1 SVS WORKTABLE W/ UNDERSHELF & BACKSPLASH EX COVER PLATE E31 1 FVS WORKTABLE W/ UNDERSHELF & SINK EX COVER PLATE E32 1 SVS WORKTABLE W/ UNDERSHELF & SINK EX COVER PLATE E33 1 OLD MORSHELF & SINK EX COVER PLATE E44 1 DUNAGE RACK, S0* EX COVER PLATE E52 2 SUCUR PARSHELF & SINK EX COVER PLATE E52 2 SUCUR PARSHELF & SINK EX COVER PLATE E52 2 SUCUR PARSHELF & SINK EX COVER PLATE E52 2 SUCUR PARSHELF & SINK EX COVER PLATE E52 2 SUCUR PARSHER EX <					EXISTING TO REMAIN
E27 1 ELECTRIC CONVECTION OVEN EX E28 1 SUS WORKTABLE WUNDERSHELF & BACKSPLASH EX COVER PLATE E29 1 SUS WORKTABLE WUNDERSHELF & BACKSPLASH EX COVER PLATE E30 1 SUS WORKTABLE WUNDERSHELF & BACKSPLASH EX COVER PLATE E31 1 FOOD CUTTER EX COVER PLATE E31 1 FOOD CUTTER EX COVER PLATE E31 1 DUNANGE RACK SP EX COVER PLATE E31 1 DUNANGE RACK SP EX COVER PLATE E44 1 DUNANGE RACK SP EX COVER PLATE E52 2 SUCOR EX COVER PLATE E53 1 MORKTOP BERIGERATOR EX COVER PLATE E52 2 OUDERN EX COVER PLATE E53 1 MUK DISPENSER EX COVER PLATE E52 2 OUDERN EX COVER PLATE E76 1					EXISTING TO REMAIN
E27.1 1 EQUIPMENT STAND EXA ACOVER PLATE 253 SIG WORKTABLE WUNDERSHELF & BACKSPLASH EXX ACOVER PLATE 233 1 SIG WORKTABLE WUNDERSHELF & BACKSPLASH EXX ACOVER PLATE 233 1 SIG WORKTABLE WUNDERSHELF & BACKSPLASH EXX ACOVER PLATE 231 1 SIG WORKTABLE WUNDERSHELF & BACKSPLASH EXX ACOVER PLATE 231 1 COWER WUNDERSHELF & BACKSPLASH EXX ACOVER PLATE 231 1 COWER WUNDERSHELF & BACKSPLASH EXX ACOVER PLATE 231 1 COWER WUNDERSHELF & BACKSPLASH EXX ACOVER PLATE 233 1 CPMACR WUNDERSHELF & BACKSPLASH EXX ACOVER PLATE 233 1 CPMACR WUNDERSHELF & BACKSPLASH EXX ACOVER PLATE 233 1 RCPMACR & WUNDERSHELF & BACKSPLASH EXX ACOVER PLATE 244 4 DUNNAGE RACK, 60' EXX ACOVER PLATE 244 4 DUNNAGE RACK, 60' EXX COVER PLATE					
E28 1 SIS WORKTABLE W. UNDERSHELF & BACKSPLASH EX WCOVER PLATE E30 1 COVER PLATE EX WCOVER PLATE E31 I SOW ORKTABLE W. UNDERSHELF & BACKSPLASH EX WCOVER PLATE E31 I SOW ORKTABLE W. UNDERSHELF & SINK EX E32 I SS WORKTABLE W. UNDERSHELF & SINK EX E33 I MOP SINK, S0'X 30' EX E34 I DUNNAGE NACK, 30'X EX WCOVER PLATE E44 DUNNAGE RACK, 60' EX WCOVER PLATE E44 DUNNAGE RACK, 60' EX WCOVER PLATE E52 SUCOR EX EX WCOVER PLATE E54 DUNNAGE RACK, 60' EX WCOVER PLATE E52 WORKTOP REFRIGERATOR EX WCOVER PLATE E52 WORKTOP REFRIGERATOR EX WCOVER PLATE E52 WORKTOP REFRIGERATOR EX WCOVER PLATE E53 I REFRIGERATOR EX WCOVER PLATE E54 OUTFOR EARCRATOR EX WCOVER PL					EXISTING TO REMAIN EXISTING TO REMAIN
WCOVER PLATE E29 1 COFFEE BREWER, AIRPOT EX WCOVER PLATE E31 1 FOOD CUTTER EX WCOVER PLATE E31 1 FOOD CUTTER EX WCOVER PLATE E31 1 FOOD CUTTER EX WCOVER PLATE E31 1 CC MARCR W BIN EX WCOVER PLATE E34 1 CC MARCR W BIN EX WCOVER PLATE E34 1 DUNAGE PLATE EX WCOVER PLATE E43 1 DUNAGE PLATE EX WCOVER PLATE E44 1 TRUCK PLATEOM EX WCOVER PLATE E44 1 DUNAGE PLATE EX WCOVER PLATE E44 1 WCOVER PLATE EX WCOVER PLATE E44 1 TRUCK RALE WWINE EX WCOVER PLATE E53 1 REFRIGERATOR EX WCOVER PLATE E54 WORKTOP REFRIGERATOR EX WCOVER PLATE E57 1 MUN					EXISTING TO REMAIN
E31 1 FOOD CUTTER EX WCOVER PLATE E33 1 CE MAKER WI BIN EX E33 1 CE MAKER WI BIN EX EX E33 1 CE MAKER WI BIN EX EX E33 1 CE MAKER WI BIN EX EX WCOVER PLATE E33 1 COM MAKER XX, 38° EX WCOVER PLATE E41 1 TRUCK, PLATFORM EX WCOVER PLATE E41 1 DUNNAGE RACK, 30° EX WCOVER PLATE E51 1 WORKTOP REFRIGERATOR EX WCOVER PLATE E52 SUCCE ES EX ES ES <td>W/COVER PLATE</td> <td>E29</td> <td></td> <td></td> <td>EXISTING TO REMAIN</td>	W/COVER PLATE	E29			EXISTING TO REMAIN
WCOVER PLATE E32 1 SIS WORKTABLE // UNDERSHELF & SINK EXX E33 1 CR MACER W/ INN EXX EXX WCOVER PLATE E33 1 TRUCK, PLATFORM EXX WCOVER PLATE E44 1 TRUCK, PLATFORM EXX WCOVER PLATE E44 4 DUNNAGE RACK, 60° EXX WCOVER PLATE E54 1 WCOVER CACK, 60° EXX WCOVER PLATE E54 1 WCOVER CACK, 60° EXX WCOVER PLATE E52 2 SLECER EXX WCOVER PLATE E52 2 SUCOR EXX WCOVER PLATE E53 1 REFRIGERATOR, SANDWICHSLAD PREP EXX WCOVER PLATE E53 1 REVERTOR RESER EXX WCOVER PLATE E54 1 TEA URN EXX WCOVER PLATE E73 1 HUK ISSPENSER EXX WCOVER PLATE E74 1 TEA URN EXX WCOVER PLATE <td< td=""><td></td><td></td><td></td><td></td><td></td></td<>					
E3 1 CE MAKER W BIN EX E3 1 CE MAKER W BIN EX E37.1 2 SHELVING, WIRE EX WCOVER PLATE E41 TRUCK, PLATFORM EX WCOVER PLATE E41 DUNNAGE RACK, 60° EX WCOVER PLATE E44 DUNNAGE RACK, 60° EX WCOVER PLATE E51 WORTOP REFIGERATOR EX WCOVER PLATE E52 SLICER EX WCOVER PLATE E52 SUCOR EX WCOVER PLATE E52 SUCOR EX WCOVER PLATE E53 WORTOP REFIGERATOR EX WCOVER PLATE E54 UNCOVER PLATE E57 WCOVER PLATE E76 NULK DISPENSER EX WCOVER PLATE E76 HOT WATER DISPENSER EX WCOVER PLATE E76 HURMAL COFFEE BREWER, DOUBLE EX WCOVER PLATE E76 HURMAL COFFEE BREWER, DOUBLE EX WCOVER PLATE E64 GLASS DOON MERCHANDISER REFRIGE					EXISTING TO REMAIN EXISTING TO REMAIN
E35 1 MOP SINK, 39": X 38": X 38": EX WCOVER PLATE E41 1 TRUCK, PLATFORM EX WCOVER PLATE E43 1 DUINNAGE RACK, 36" EX WCOVER PLATE E44 4 DUINNAGE RACK, 36" EX WCOVER PLATE E51 1 WORKTOP REFRIGERATOR EX WCOVER PLATE E52 2 SLOER EX WCOVER PLATE E53 1 REFRIGERATOR, SANDWICH/SALAD PREP EX WCOVER PLATE E53 1 REFRIGERATOR, SANDWICH/SALAD PREP EX WCOVER PLATE E53 1 REFRIGERATOR, SANDWICH/SALAD PREP EX WCOVER PLATE E53 1 REVERAGE DISPENSER EX WCOVER PLATE E57 1 MUC NISPENSER EX WCOVER PLATE E79 1 HOT WATER DISPENSER EX WCOVER PLATE E79 1 MUC NISPENSER EX E64 1 CLASS DOOR MERCHANDISER REFRIGERATOR EX E69					EXISTING TO REMAIN
E41 1 TRUCK, PLATFORM EX WCOVER PLATE E43 1 DUNNAGE RACK, 80" EX WCOVER PLATE E44 4 DUNNAGE RACK, 80" EX WCOVER PLATE E51 1 WORKTOP REFRIGERATOR EX WCOVER PLATE E52 2 SLICER EX WCOVER PLATE E53 1 REFRIGERATOR, SANDWICH/SALAD PREP EX WCOVER PLATE E55 2 SUNCTOP REFRIGERATOR EX WCOVER PLATE E55 2 SUNCTOP REFRIGERATOR EX WCOVER PLATE E77 1 BEVERAGE DISPENSER EX WCOVER PLATE E76 1 MUK SIPENSER EX WCOVER PLATE E76 1 MUK SIPENSER EX WCOVER PLATE E76 1 MUK SIPENSER EX WCOVER PLATE E78 1 MUK SIPENSER EX WCOVER PLATE E79 1 HOT WATE DISPENSER EX E80 1 MUK			-		EXISTING TO REMAIN
WCOVER PLATE E43 1 DUNNAGE RACK, 36' EX WCOVER PLATE E44 4 DUNNAGE RACK, 60' EX WCOVER PLATE E51 1 WORKTOP REFRIGERATOR EX WCOVER PLATE E52 2 SLICER EX WCOVER PLATE E53 1 REFRIGERATOR, SANDWICH/SALAD PREP EX WCOVER PLATE E52 2 SUCER EX WCOVER PLATE E76 1 MUK DISPENSER EX WCOVER PLATE E76 1 MUK DISPENSER EX WCOVER PLATE E78 1 MUK DISPENSER EX WCOVER PLATE EX				SHELVING, WIRE	EXISTING TO REMAIN
WCOVER PLATE E44 4 DUNNAGE RACK, 60' EXX WCOVER PLATE E51 1 WORKTOP REFRIGERATOR EXX WCOVER PLATE E52 2 SLICER EXX WCOVER PLATE E53 1 REFRIGERATOR, SANDWCH/SALAD PREP EXX WCOVER PLATE E53 1 REFRIGERATOR, SANDWCH/SALAD PREP EXX WCOVER PLATE E57 1 GUNRTOP REFRIGERATOR EXX WCOVER PLATE E77 1 BEVERAGE DISPENSER EXX WCOVER PLATE E78 2 COFFEE GRINDER EXX WCOVER PLATE E78 1 MILK DISPENSER EXX WCOVER PLATE E78 1 REFRIGERATOR EXX			-		EXISTING TO BE RELOCATED EXISTING TO REMAIN
WCOVER PLATE E51 1 WORKD P REFRIGERATOR EX WCOVER PLATE E52 2 SLICER EX WCOVER PLATE E53 1 REFRIGERATOR, SANDWICH/SALAD PREP EX WCOVER PLATE E53 2 WORKTOP REFRIGERATOR EX WCOVER PLATE E54 2 WORKTOP REFRIGERATOR EX WCOVER PLATE E74 1 TEA URN EX WCOVER PLATE E76 1 MILK DISPENSER EX WCOVER PLATE E77 1 BEVERAGE DISPENSER EX WCOVER PLATE E78 2 COFFEE GRINDER EX WCOVER PLATE E78 1 HOT WATER DISPENSER EX WCOVER PLATE E78 1 HOT WATER DISPENSER EX WCOVER PLATE E78 1 HOT WATER DISPENSER EX WCOVER PLATE E78 1 GLASS DOOR MERCHANDISER REFRIGERATOR EX REMENTS E88 1 EXALSS HORON EX			-		EXISTING TO REMAIN
WCOVER PLATE E53 1 REFRIGERATOR, SANDWICH/SALAD PREP EXI E55 2 WORKTOP REFRIGERATOR EXI E67 1 COLD PAN EXI E67 1 COLD PAN EXI E74 1 TEA URN EXI WCOVER PLATE E73 1 MULK DISPENSER EXI WCOVER PLATE E73 1 HOT WATER DISPENSER EXI WCOVER PLATE E74 1 THERMAL COFFEE BRIVER, DOUBLE EXI E84 1 GLASS DOOR MERCHANDISER REFRIGERATOR EXI					EXISTING TO BE RELOCATED
E55 2 WORKTOP REFRIGERATOR EXI E67 1 COLD PAN EXI E67 1 COLD PAN EXI E74 1 TEAD NUTRITION KIOSK EXI E74 1 TEAURN EXI W/COVER PLATE E77 1 BEVERAGE DISPENSER EXI W/COVER PLATE E77 1 BEVERAGE DISPENSER EXI W/COVER PLATE E78 2 COFFEE GRINDER EXI W/COVER PLATE E78 2 COFFEE BRIWER, DOUBLE EXI E30 1 MILK DISPENSER EXI EXI E31 1 THERMAL COFFEE BRIWER, DOUBLE EXI EXI E32 POS, SELF-CHECKOUT EXI EXI EXI EXI EXI E48 1 GLASS DOOR MERCHANDISER REFRIGERATOR EXI	w/COVER PLATE	E52	2	SLICER	EXISTING TO BE RELOCATED
E67 1 COLD PAN EXI E71 2 IPAD NUTRITION KIOSK EXI E74 1 TEA URN EXI WCOVER PLATE E75 1 MILK DISPENSER EXI WCOVER PLATE E77 1 BEVERAGE DISPENSER EXI WCOVER PLATE E77 1 BEVERAGE DISPENSER EXI WCOVER PLATE E78 2 COFFEE GRINDER EXI WCOVER PLATE E78 1 HOT WATER DISPENSER EXI E80 1 MILK DISPENSER EXI EXI E81 1 THERMAL COFFEE BREWER, DOUBLE EXI EXI E82 2 POS, SELF-CHECKOUT EXI EXI E4MENTS E86 1 GLASS DOOR MERCHANDISER REFRIGERATOR EXI E4MENTS E88 1 SANDWICH MAKE TABLE EXI EXI E4MENTS E91 1 OVEN EXI EXI E49 1 BROILER EXI <	N/COVER PLATE				EXISTING TO BE RELOCATED
E74 2 IPAD NUTRITION KIOSK EXX E74 1 TEA URN EXX WCOVER PLATE E75 1 MILK DISPENSER EXX WCOVER PLATE E77 1 BEVERAGE DISPENSER EXX WCOVER PLATE E77 1 BEVERAGE DISPENSER EXX WCOVER PLATE E77 1 BEVERAGE DISPENSER EXX WCOVER PLATE E77 1 HUT WATER DISPENSER EXX WCOVER PLATE E79 1 HOT WATER DISPENSER EXX WCOVER PLATE E79 1 HOT WATER DISPENSER EXX E80 1 GLASS DOOR MERCHANDISER REFRIGERATOR EXX E84 1 GLASS DOOR MERCHANDISER REFRIGERATOR EXX E86 1 GLASS DOOR MERCHANDISER REFRIGERATOR EXX E86 1 SANDWICH MAKE TABLE EXX E86 1 EXX4JUST HOOD EXX E91 1 OVEN EXX E91 E91 1 <td></td> <td></td> <td></td> <td></td> <td>EXISTING TO BE RELOCATED EXISTING TO BE RELOCATED</td>					EXISTING TO BE RELOCATED EXISTING TO BE RELOCATED
EF6 1 MILK DISPENSER EXI WCOVER PLATE E77 1 BEVERAGE DISPENSER EXI WCOVER PLATE E78 2 COFFEE GRINDER EXI WCOVER PLATE E79 1 HOT WATER DISPENSER EXI WCOVER PLATE E79 1 HOT WATER DISPENSER EXI WCOVER PLATE E30 1 MILK DISPENSER EXI WCOVER PLATE E30 1 MILK DISPENSER EXI WCOVER PLATE E30 1 MILK DISPENSER EXI WCOVER PLATE E30 1 MCOOR MERCHANDISER REFRIGERATOR EXI WEMENTS E36 1 REACH-IN REFRIGERATOR EXI WEMENTS E38 1 EXHAUST HOOD EXI E91 1 OVERTOP SOLID DOOR REFRIGERATOR EXI E93 1 REAGRATOR, ROLL IN EXI E94 1 BROILER EXI EXI E95 1 EQUIPMENT STAND EXI					EXISTING TO BE RELOCATED
W/COVER PLATE E77 1 BEVERAGE DISPENSER EXI W/COVER PLATE E78 2 COFFEE GRINDER EXI W/COVER PLATE 1 HOT WATER DISPENSER EXI E79 1 HOT WATER DISPENSER EXI E80 1 MILK DISPENSER EXI E81 1 THERMAL COFFEE BREWER, DOUBLE EXI E84 1 GLASS DOOR MERCHANDISER REFRIGERATOR EXI E84 1 GLASS DOOR MERCHANDISER REFRIGERATOR EXI E84 1 CLASS DOOR MERCHANDISER REFRIGERATOR EXI E84 1 CLASS DOOR MERCHANDISER REFRIGERATOR EXI E85 1 SANDWICH MAKE TABLE EXI E96 1 WORKTOP SOLID DOOR REFRIGERATOR EXI E93 1 REFRIGERATOR, ROLL IN EXI E94 1 BOULER TAND EXI E95 1 CULTRA-MAX ELECTRIC GRIDDLES EXI E96 1 ULTRA-MAX ELECTRIC GRIDDLES EXI		E74	1		EXISTING TO BE RELOCATED
WCOVER PLATE E78 2 COFFEE GRINDER EXI WCOVER PLATE E79 1 HOT WATER DISPENSER EXI E30 MILK DISPENSER EXI EXI E44 1 THERMAL COFFEE BREWER, DOUBLE EXI E34 1 GLASS DOOR MERCHANDISER REFRIGERATOR EXI E48 1 GLASS DOOR MERCHANDISER REFRIGERATOR EXI E48 1 GLASS DOOR MERCHANDISER REFRIGERATOR EXI E48 1 EXHAUST HOOD EXI E49 1 SANDWICH MAKE TABLE EXI E49 1 OVEN EXI E49 1 OVEN EXI E91 1 OVEN EXI E93 1 REFRIGERATOR, ROLL IN EXI E94 1 BROILER EXI E95 1 EQUIPMENT STAND EXI E96 1 UUMP STATION EXI E97 1 EXHAUST HOOD EXI E			1		EXISTING TO BE RELOCATED
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E106 1 QCS3 SERIES HIGH VOLUME CONVEYOR TOASTERS EXI E107 1 CABINET, MOBILE, WARMING & HOLDING EXI V/COVER PLATE E108 1 SINK, HAND, WALL-MOUNT EXI V/COVER PLATE E114 1 HOT/COLD PAN, DROP-IN EXI EMENTS E116 1 HOT/COLD PAN, DROP-IN EXI EMENTS E116 1 HOT/COLD PAN, DROP-IN EXI E127 4 P.O.S. EXI E127 4 SCALE EXI E127.1 4 SCALE EXI E128 8 LOCKERS EXI E129 1 LOW TEMPERATURE SMOKER OVEN EXI E131 1 DOUGH SHEETER EXI E140 1 BULK CO2 TANK EXI E141 2					EXISTING TO REMAIN EXISTING TO REMAIN
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w/COVER PLATEE1141HOT/COLD PAN, DROP-INEXIEMENTSE1151HOT/COLD PAN, DROP-INEXIEMENTSE1161HOT/COLD PAN, DROP-INEXIEMENTSE1274P.O.S.EXIE127.14SCALEEXIE1288LOCKERSEXIE1291LOW TEMPERATURE SMOKER OVENEXIE1311DOUGH SHEETEREXIE1323INDUCTION RANGE, COUNTERTOPEXIE1401BULK CO2 TANKEXIE1412CO2 TANKEXIE1421BAG-N-BOX SHELFEXIE143647" (16:9) LCD SCREENEXI		E107	1		EXISTING TO REMAIN
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E1291LOW TEMPERATURE SMOKER OVENEXIE1311DOUGH SHEETEREXIE1323INDUCTION RANGE, COUNTERTOPEXIE1401BULK CO2 TANKEXIE1412CO2 TANKEXIE1421BAG-N-BOX SHELFEXIE143647" (16:9) LCD SCREENEXI					EXISTING TO BE RELOCATED
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E132 3 INDUCTION RANGE, COUNTERTOP EXI E140 1 BULK CO2 TANK EXI E141 2 CO2 TANK EXI E142 1 BAG-N-BOX SHELF EXI E143 6 47" (16:9) LCD SCREEN EXI					EXISTING TO BE RELOCATED EXISTING TO REMAIN
E140 1 BULK CO2 TANK EXI E141 2 CO2 TANK EXI E142 1 BAG-N-BOX SHELF EXI E143 6 47" (16:9) LCD SCREEN EXI					EXISTING TO BE RELOCATED
E142 1 BAG-N-BOX SHELF EXI E143 6 47" (16:9) LCD SCREEN EXI		E140	1	BULK CO2 TANK	EXISTING TO REMAIN
E143 6 47" (16:9) LCD SCREEN EXI					
					EXISTING TO REMAIN
		E143 E144	6	47" (16:9) LCD SCREEN HOT CABINET, ROLL-IN	EXISTING TO BE RELOCATED EXISTING TO BE RELOCATED
					EXISTING TO BE RELOCATED

FOODSERVICE GENERAL NOTES:

- ALL ITEMS OF FOODSERVICE EQUIPMENT SHALL BE FABRICATED AND INSTALLED IN STRICT ACCORDANCE WITH THE LATEST STANDARDS PUBLISHED BY THE NATIONAL SANITATION FOUNDATION (NSF), OR THE EQUIVALENT; AND IN STRICT COMPLIANCE WITH ALL APPLICABLE NATIONAL, STATE AND/OR LOCAL CODES AND STANDARDS.
- WORK AND MATERIALS SHALL BE IN COMPLIANCE WITH REQUIREMENTS OF APPLICABLE CODES, ORDINANCES, AND REGULATIONS, INCLUDING BUT NOT LIMITED TO THOSE OF THE NATIONAL FIRE PROTECTION ASSOCIATION, STATE FIRE MARSHALL, STATE BOARD OF HEALTH, LOCAL HEALTH CODES, ETC.
- ELECTRICALLY OPERATED AND/OR HEATED EQUIPMENT, FABRICATED OR OTHERWISE, SHALL CONFORM TO THE LATEST STANDARDS OF NATIONAL ELECTRIC MANUFACTURERS ASSOCIATION AND OF UNDERWRITERS LABORATORIES, INC., AND SHALL BEAR THE U.L. LABEL
- ALL STANDARD STEAM-HEATED EQUIPMENT SHALL BE MANUFACTURED IN ACCORDANCE WITH A.S.M.E. CODE REQUIREMENTS AND CARRY THE A.S.M.E. STAMP.
- NO EXTRA CHARGE WILL BE PAID FOR FURNISHING ITEMS REQUIRED BY THE REGULATIONS, BUT NOT SPECIFIED OR SHOWN ON THE DRAWINGS.
- RULINGS AND INTERPRETATIONS OF ENFORCING AGENCIES SHALL BE CONSIDERED PART OF REGULATIONS.
- GENERAL CONTRACTOR TO SITE VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.

DISCLAIMER:

THE FOODSERVICE EQUIPMENT PLANS AND SPECIFICATIONS ARE INTENDED TO ILLUSTRATE TYPES AND ARRANGEMENTS, INCLUDING SPACE AND UTILITY REQUIREMENTS, OF EQUIPMENT REQUIRED FOR THIS PROJECT REGARDING THE DESIRED FUNCTION AND PRODUCT FLOW, AND TO SERVE AS A REFERENCE TO THE LICENSED PROFESSIONAL ARCHITECT AND/OR ENGINEERS IN THE PREPARATION OF THEIR RESPECTIVE BID AND CONSTRUCTION DOCUMENTS. NO ARCHITECTURAL OR ENGINEERING DESIGN SERVICES ARE INTENDED OR ASSUMED.

ERRORS AND OMISSIONS:

- DESIGN DOCUMENTS INCLUDE DRAWINGS AND SPECIFICATIONS, WHICH SHOULD BE REASONABLY CORRECT, HOWEVER THEIR ACCURACY IS NOT GUARANTEED. SHOULD DISCREPANCIES OCCUR THEY SHALL BE BROUGHT TO THE ATTENTION OF THE FOODSERVICE CONSULTANT AND/OR PROJECT ARCHITECT IN ORDER FOR THE CONFLICT TO BE CLARIFIED IN AN OFFICIAL REQUEST FOR INFORMATION.
- IT SHALL BE THE RESPONSIBILITY OF THE FOODSERVICE EQUIPMENT BIDDERS TO INFORM THE FOODSERVICE CONSULTANT OF ANY DISCREPANCIES FOUND WITHIN THESE DOCUMENTS TO INCLUDE: WRITTEN SPECIFICATIONS, DRAWINGS OR SCHEDULES, TO ALLOW AN OPPORTUNITY FOR THE CONSULTANT TO PREPARE AN ADDENDUM TO CORRECT SUCH DISCREPANCIES. BIDDING ON A KNOWN DISCREPANCY WITH THE INTENTION OF EQUIPMENT SUBSTITUTION OR PRICE GOUGING THROUGH CHANGE ORDERS WILL NOT BE TOLERATED.

EXISTING EQUIPMENT:

- APPROPRIATE TRADES TO DISCONNECT FOODSERVICE EQUIPMENT ALLOCATED FOR RELOCATION OR REMOVAL.
 ALL EXISTING H.V.A.C., SPRINKLERS AND OTHER SERVICES TO
- BE RELOCATED AS REQUIRED BY MECHANICAL AND ELECTRICAL ENGINEERS SHALL MEET ALL STANDARDS, CODES AND BYLAWS SET FORTH BY LOCAL GOVERNING AUTHORITIES. • FOOD SERVICE EQUIPMENT CONTRACTOR TO MOVE & SET IN
- PLACE THOSE ITEMS INDICATED AS RELOCATED.
 ALL FOODSERVICE EQUIPMENT THAT IS SCHEDULED FOR REMOVAL SHALL BE TURNED OVER TO THE OWNER FOR
- DISPOSAL OR STORAGE AT THEIR DISCRETION.
 THE DATA ON EXISTING EQUIPMENT IS THE BEST AVAILABLE AT THE TIME THESE DRAWINGS WHERE PREPARED, AND IS OFFERED FOR PLANNING PURPOSES ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL DATA PRIOR TO ROUGHING-IN UTILITIES FOR EXISTING EQUIPMENT.
- EXISTING VENTILATORS MUST BE VERIFIED THEY WILL
- PERFORM PROPERLY FOR NEW EQUIPMENT INDICATED.
 EXISTING FIRE SUPPRESSION SYSTEM MUST BE RECONFIGURED AS REQUIRED TO SUIT NEW COOKING EQUIPMENT INDICATED.

11400: WORK INCLUDED IN THIS SECTION

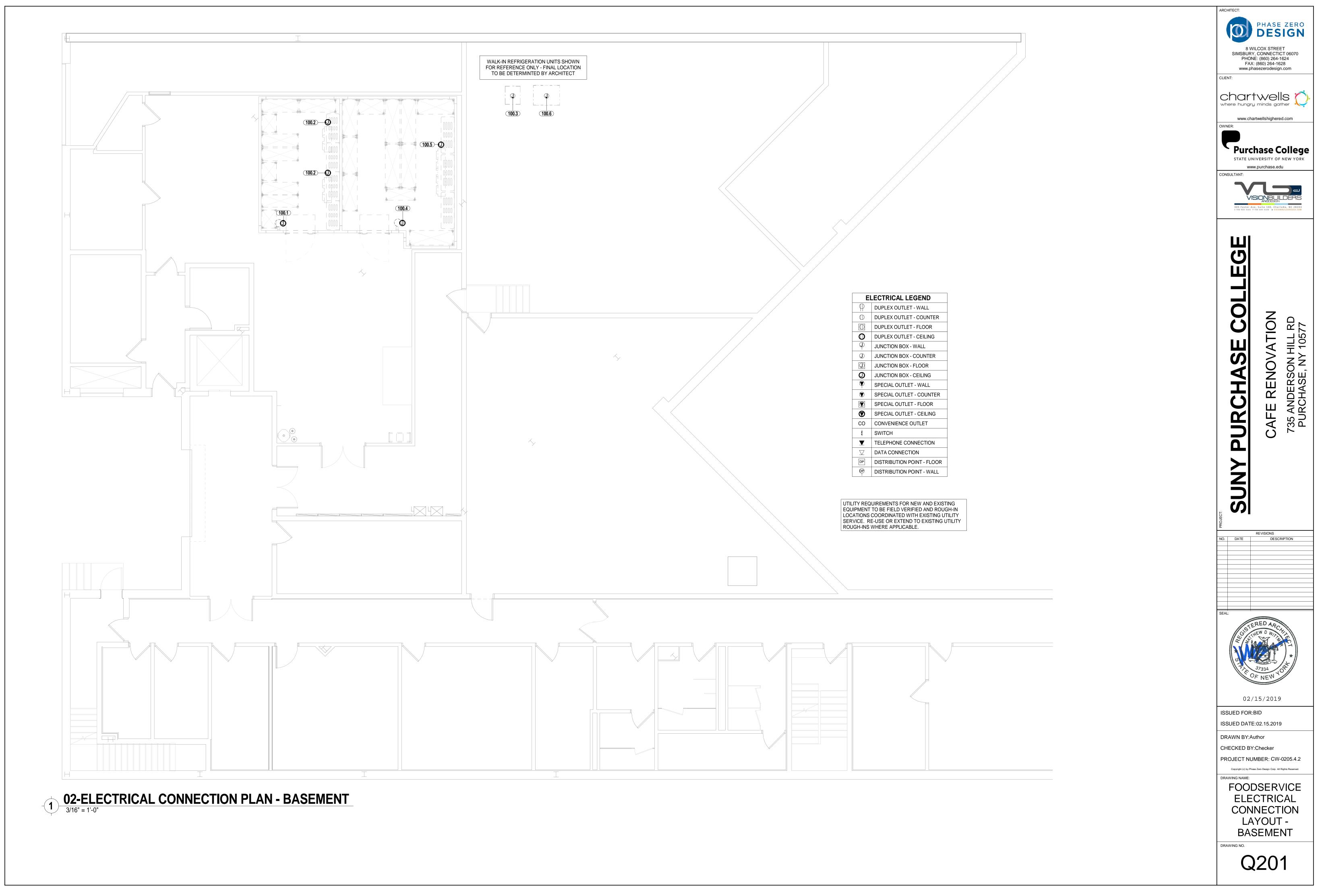
- A. Furnish all labor, material, services, and specified equipment, necessary for the complete installation of foodservice equipment in strict accordance with specifications, applicable drawings and local codes, including that which is reasonably inferred, with all related items necessary to complete work shown on contract drawings and/or required by these specifications.
 B. Deliver all equipment on schedule. The Foodservice Equipment Contractor
- shall be responsible for coordinating all aspects of their work as it relates to the General Contractor, Subcontractors, the Owner, or any other Trades as may be dictated by the Owner, Architect, or Consultant.
 The Foodservice Equipment Contractor shall be fully responsible for
- The Foodservice Equipment Contractor shall be fully responsible for verifying all field dimensions as they pertain to the work in this section.
- D. Cutting of holes in equipment for pipes, drains, electric outlets, etc., as required for this installation. Work shall conform to the highest standards of workmanship and shall include welded sleeves, collars, ferrules or escutcheons. Foodservice Equipment Contractor to completely coordinate all aspects of installation with all trades for a complete and thorough installation.
- E. All wall sleeves, chrome plated cover plates, vermin proofing, and sealing of wall sleeves Foodservice Equipment Contractor to provide vermin proofing for all floor sleeves he uses.
- F. All work involved in making stands and supports for all specified equipment requiring them.
- G. Repair all damage to the premises as a result of this installation and daily removal of all debris left by the Foodservice Equipment Contractor.
 H. The Foodservice Equipment Contractor shall be responsible for keeping their area orderly during the entire time of installation. Foodservice
- equipment and fixtures shall be cleaned thoroughly and ready for operation at the time the building is turned over to the owner. Become familiar with and accepts responsibility for compliance with all
- 1. Become familiar with and accepts responsibility for compliance with all applicable codes and regulations. If authorities having jurisdiction require any portion of the equipment to be inspected, tested, or approved, the Foodservice Equipment Contractor and/or their equipment supplier shall bear all costs of such inspections, tests or approvals.

REMOTE REFRIGERATION CONDENSING UNITS SHOWN FOR INFORMATIONAL PURPOSES ONLY. ACTUAL LOCATION TO BE DETERMINED BY FIELD CONDITIONS AND BUILDING STRUCTURE IN KEEPING WITH ALL REQUIREMENTS OF SPECIFICATIONS.





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	Z DESCRIPTION	AMPS WATTS			PHASE CYCLE		NEMA	ELEC	ELECTRICAL REMARKS
		AWF5 WATTS		VOLIS	FIIAGE CICLE	CONNTIFE		AFF	
$\frac{1}{2}$	SE36 SERIES ELECTRIC RANGE	65.00 21600		208	3 60		\frown	48"	CORD & PLUG SUITABLE FOR EQUIPMENT PROVIDED BY K.E.C.
)8 1	UNDERCOUNTER DISHWASHER	38.60		208	1 60	DIRECT		13"	
$\begin{array}{c c} 09 & 1 \\ 1 & 2 \end{array}$	REFRIGERATOR, REACH-IN	6.90 26.00		120	1 60	CORD & PLUG	5-15P 6-3	48"	
	REFRICERATED SERVICE CASE, SLIDE N	2.76		123			5-15F	18	
4 3 5 6	SANDWICH UNIT, REFRIGERATED OMS SCREEN	7.10	1/5	120 120	1 60 1 60	CORD & PLUG CORD & PLUG	5-15P 5-15P	18" 48"	
6.1 1	SNEEZE GUARD	5.00		120	1 60	DIRECT	0 101	18"	ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER
62 1 6.3 1	SNEEZE QUARD	5.00		120	1 60 1 60		\sim	18"	ESTIMATED UTILITIES VERIFY WITH MANUFACTURER ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER
7 1	42" (16:9) LCD SCREEN	10.00		120	1 60	CORD & PLUG	5-15P	72"	DATA CONNECTION - ESTIMATED UTLITIES - FIELD VERIFY
7.1 1	42" (16:9) LCD SCREEN	10.00	1/4	120	1 60 1 60	CORD & PLUG	5-15P	72"	DATA CONNECTION - ESTIMATED UTLITIES - FIELD VERIFY
	RICE COOKER, ELECTRIC	12.90		120		COPP & PLUC	5-152	48"	
24 1 26 1	REFRIGERATOR, ROLL-IN REFRIGERATED CASE	9.60 14.58		120 120	1 60 1 60	CORD & PLUG CORD & PLUG	5-15P 5-20P	80" 18"	
27 1	HOT/COLD PAN, DROP-IN	21.00		120/208	1 60	DIRECT	0 201	18"	VERIFY ELECTRICAL REQUIREMENTS
28 1 29 1	HOT/COLD PAN, DROP-IN VENTLESS ISLAND EXHAUST HOOD	21.00 5.00		120/208 208	1 60 1 60	DIRECT DIRECT		18" 144"	VERIFY ELECTRICAL REQUIREMENTS
D.1 1	SNEEZE GUARD LIGHT	5.00		120	1 60	DIRECT		18"	ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER
).2 1	SNEEZE GUARD LIGHT	5.00		120 120	1 60 1 60			18"	ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER
0.4 2	SMEEZE GUARD LIGHT	5.00		120		DIRECT		10	
31 1 1.1 1	42" (16:9) LCD SCREEN 42" (16:9) LCD SCREEN	10.00 10.00		120 120	1 60 1 60	CORD & PLUG CORD & PLUG	5-15P 5-15P	72" 72"	DATA CONNECTION - ESTIMATED UTLITIES - FIELD VERIFY
	PERIGERATED SELE-SERVE MERCHANDISER	15.00		120		CORD & PLUG	L11-20	18"	DATA CONNECTION - ESTIMATED UTETTES - FIELD VERIFT
1	SOUPWARMER/RETHERMALIZER	0.70		120		CORD & PLUC	5-15	18" 18"	
2.112.21	SNEEZE GUARD SNEEZE GUARD	5.00 5.00		120 120	1 60 1 60	DIRECT DIRECT		18" 18"	ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER
2.3 1	SNEEZE GUARD	5.00		120	1 60	DIRECT		18"	ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER
2.4 1 2.5 1	SNEEZE GUARD SNEEZE GUARD	5.00		120 120	1 60 1 60	DIRECT DIRECT		18" 18"	ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER
0 1	TRIPLE DECK PIZZA OVEN	39.00		208	3 60	DIRECT		16"	
0 1 0 1	TRIPLE DECK PIZZA OVEN - 2ND CONNECTION TRIPLE DECK PIZZA OVEN - 3RD CONNECTION	39.00 39.00		208 208	3 60 3 60	DIRECT DIRECT		34" 52"	
51 1	HOT/COLD PAN, DROP-IN	25.00		120	1 60	DIRECT		18"	
2 1 3 1	HEATED SHELF, DROP-IN HEATED SHELF, DROP-IN	8.30 5.50		120 120	1 60 1 60	CORD & PLUG CORD & PLUG	5-15P 5-15P	18" 18"	
1.1 1	SNEEZE GUARD LIGHT	5.00		120	1 60	DIRECT		18"	ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER
4.2 1 4.3 1	SNEEZE GUARD LIGHT SNEEZE GUARD LIGHT	5.00		120 120	1 60 1 60	DIRECT DIRECT		18"	ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER
5 1	42" (16:0) LCD SCREEN	10.00		120	1 60	COPD & PLUG	5-15P	72"	DATA CONNECTION ESTIMATED UTLITIES FIELD VERIEY
5.1 1 i6 1	4. (16:9) LCL SCREEN HEAT LAMP, STRIP TYPE	10.00 925		120 120	1 60 1 60	CORD & PLUG DIRECT	3-15P	72 ⁻ 18"	D. TA CONNECTION - ES IMATED ULLITIÉS - FILLD VERIFY
57 1	HEAT LAMP, STRIP TYPE	575		120	1 60	DIRECT		18"	
50 1 52 1	SANDWICH TOP REFRIGERATOR 42" (16:9) LCD SCREEN	13.00 10.00	1/2	120 120	1 60 1 60	CORD & PLUG CORD & PLUG	5-15P 5-15P	0" 72"	DATA CONNECTION - ESTIMATED UTLITIES - FIELD VERIFY
2.1 1	42" (16:9) LCD SCREEN	10.00		120	1 60	CORD & PLUG	5-15P	72"	DATA CONNECTION - ESTIMATED UTLITIES - FIELD VERIFY
$\frac{1}{2}$ 1	GRIDDLE STAND, REFRIGERATOR	6 5.00 21,000 3.80		208	3 60	DIRECT CORD & PLUG	5-15P	48" 18"	CORD & PLUG SUITABLE FOR EQUIPMENT PROVIDED FXX.E.C.
² 1 3 1	STAR-MAX ELECTRIC CHAR-BROILERS	47.60 9900		208	1 60	DIRECT	5-151	0"	CORD & PLUG SUITABLE FOR EQUIPMENT PROVIDED BY K.E.C.
4 1 4 1	OVEN-STEAMER, COMBI ELECTRIC OVEN-STEAMER, COMBI ELECTRIC - 2ND CONNECTION	35.00 35.00		208 208	3 60 3 60	CORD & PLUG DIRECT	5-15P 5-15P	30" 34"	
⁷ 5 1	EXHAUST HOOD	15.00		120	1 60	DIRECT		104"	
7 1 8 1	REFRIGERATOR, ROLL-IN HOT CABINET, ROLL-IN	9.60 7.90		120 120/208	1 60 1 60	CORD & PLUG DIRECT	5-15P	80" 80"	
9 1	REFRIGERATOR, UNDERCOUNTER	6.30		120	1 60	CORD & PLUG	5-15P	18"	
1 1 2 1	HEATED SHELF, DROP-IN HOT/COLD PAN, DROP-IN	8.30 21.00		120 120/208	1 60 1 60	CORD & PLUG DIRECT	5-15P	18"	VERIFY ELECTRICAL REQUIREMENTS
3 1	REFRIGERATED CASE	15.02		120/208	1 60	CORD & PLUG	5-20P	18"	
1 2 1.2 1	SNEEZE CHARD LIGHT	5.00 5.00		120 120	1 60	DIRECT		18" 18'	ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER
5 1	42" (16:9) LCD SCREEN	10.00		120	1 60	CORD & PLUG	5-15P	72"	DATA CONNECTION - ESTIMATED UTLITIES - FIELD VERIFY
5.1 1	42" (16:9) LCD SCREEN	10.00		120	1 60	CORD & PLUG	5-15P	72"	DATA CONNECTION - ESTIMATED UTLITIES - FIELD VERIFY
	HEAT LAMP, STRIP TYPE	925	-	120	1 60 1 60			18"	
		10.00		120		COPU & PLUG	5-15P	1.8"	DATA CONNECTION - ESTIMATED UTINTIES - FIELD VERIFY
0.1 1 0.2 2	COOLER LIGHT AND WINDOW HEATER EVAPORATOR COIL, COOLER	5.00 2.00		120 208	1 60 1 60	DIRECT DIRECT		102" 120"	
0.3 1	CONDENSING UNIT, COOLER	13.90	1	208	3 60	DIRECT		18"	
0.4 1 0.5 1	LIGHT AND DOOR HEAT, FREEZER EVAPORATOR COIL, FREEZER	10.00 2.40		120 208	1 60 1 60	DIRECT DIRECT		102" 120"	
0.6 1	CONDENSING UNIT, FREEZER	33.50		208	3 60	DIRECT		18"	
51 1 52 2	WORKTOP REFRIGERATOR SLICER	8.50 7.00	1/3 1/2	120 120	1 60 1 60	CORD & PLUG CORD & PLUG	5-15P 5-15P	18" 48"	
53 1	REFRIGERATOR, SANDWICH/SALAD PREP	8.30		120	1 60	CORD & PLUG	5-15P	18"	
55 <u>2</u> 71 2	WORKTOP REFRIGERATOR IPAD NUTRITION KIOSK	5.00 15.00	1/5	120 120	1 60 1 60	CORD & PLUG CORD & PLUG	5-15P 5-15P	18" 18"	
75 1	MILK DISPENSER	1800	<u> </u>	120	1 60	CORD & PLUG	5-15P	48"	
78 2 30 1	COFFEE GRINDER MILK DISPENSER	9.40 1.90		120 120	1 60 1 60	CORD & PLUG CORD & PLUG	5-15P 5-15P	18" 48"	
30 1 31 1	THERMAL COFFEE BREWER, DOUBLE	12.00		208	1 60 1 60	DIRECT		48"	ESTIMATED UTILITIES - FIELD VERIFY
32 2 84 1	POS, SELF-CHECKOUT GLASS DOOR MERCHANDISER REFRIGERATOR	10.00 10.20 1173	1/0	120 120	1 60 1 60	CORD & PLUG CORD & PLUG	5-15P 5-15P	48"	ESTIMATED UTLITIES - FIELD VERIFY
84 1 85 1	REACH-IN REFRIGERATOR	5.20	1/2	120 120	1 60 1 60	CORD & PLUG CORD & PLUG	5-15P	18" 48"	
86 1	GLASS DOOR MERCHANDISER REFRIGERATOR	6.80 782	3/8	120	1 60	CORD & PLUG	5-15P	18"	
14 1 15 1	HOT/COLD PAN, DROP-IN HOT/COLD PAN, DROP-IN	42.00 21.00		120/208 120/208	1 60 1 60	DIRECT DIRECT		18" 18"	VERIFY ELECTRICAL REQUIREMENTS VERIFY ELECTRICAL REQUIREMENTS
16 1	HOT/COLD PAN, DROP-IN	21.00		120/208	1 60	DIRECT	_ ·	18"	VERIFY ELECTRICAL REQUIREMENTS
127 4 27.1 4	P.O.S. SCALE	10.00 5.00		120 120	1 60 1 60	CORD & PLUG CORD & PLUG	5-15P 5-15P	18" 48"	ESTIMATED UTILITIES - FIELD VERIFY
20 1		32.00		208	1 60	CORD & PLUG		60"	K.E.C. TO PROVIDE CORD & PLUC
132 3 143 6	INDUCTION RANGE, COUNTERTOP 47" (16:9) LCD SCREEN	18.00 10.00		120	1 60	CORD & PLUG	5,15P 5-15P	72"	DATA CONNECTION - ESTIMATED UTLITIES - FIELD VERIFY
43 0		7.90		20/208		DIRECT		80"	

FOODSERVICE EQUIPMENT CONTRACTOR TO PROVIDE HEATER TAPE FOR WALK-IN FREEZER CONDENSATE DRAIN LINE WITH INSTALLATION BY ELECTRICAL CONTRACTOR.

REMOTE REFRIGERATION WIRING SHOWN FOR NFORMATIONAL PURPOSES ONLY. ACTUAL WIRING TO BE DETERMINED BY COMPRESSOR LOCATION AND BUILDING STRUCTURE IN KEEPING WITH ALL REQUIREMENTS OF SPECIFICATIONS.

INFORMATION.

- ELECTRICAL ROUGH-IN.

- EQUIPMENT.

- CONNECTIONS.
- ELECTRICAL SERVICE. ELECTRICAL CONTRACTOR.

FOODSERVICE ELECTRICAL NOTES

THIS ELECTRICAL PLAN AND COORDINATING SCHEDULE IS INTENDED TO SHOW ROUGH-IN LOCATIONS AND HEIGHTS, CONNECTION TYPES, POSITIONS, FIXTURE TYPES AND LOAD REQUIREMENTS FOR FOODSERVICE EQUIPMENT SPECIFIED AND FOODSERVICE EQUIPMENT THAT IS SCHEDULED FOR RE-USE. THIS ELECTRICAL PLAN IS INTENDED TO SHOW ELECTRICAL REQUIREMENTS AND APPROXIMATE ROUGHING-IN LOCATIONS ONLY. DO NOT USE FOR ACTUAL ROUGHING-IN. FOR FINAL ROUGH-IN LOCATIONS SEE DIMENSIONED PLANS PROVIDED BY FOODSERVICE EQUIPMENT CONTRACTOR. UTILITY REQUIREMENTS INDICATED ARE TO SERVE AS A REFERENCE TO THE LICENSED PROFESSIONAL ARCHITECT AND/OR ENGINEERS IN THE PREPARATION OF THEIR RESPECTIVE BID AND CONSTRUCTION DOCUMENTS. NO ARCHITECTURAL OR ENGINEERING DESIGN SERVICES ARE INTENDED OR ASSUMED. KITCHEN EQUIPMENT CONTRACTOR, PRIOR TO EQUIPMENT INSTALLATION, SHALL CHECK ALL UTILITY ROUGH-IN LOCATIONS, COORDINATE FIELD CONDITIONS, AND CALL TO THE ATTENTION OF THE GENERAL CONTRACTOR ANY AND ALL DISCREPANCIES BETWEEN THE FOODSERVICE ROUGH-IN PLANS, THE EQUIPMENT SPECIFIED, AND THE ROUGH-INS AS

THEY OCCUR IN THE FIELD. ELECTRICAL LOADS ARE BASED ON MANUFACTURER'S INFORMATION. MINIMUM CIRCUIT AMPACITY AND OVERCURRENT PROTECTION TO BE DETERMINED BY CODE REQUIREMENTS AND/OR MAUFACTURER'S DIRECTIONS. SHOULD DISCREPANCIES OCCUR THEY SHALL BE BROUGHT TO THE ATTENTION OF THE FOODSERVICE CONSULTANT AND/OR PROJECT ARCHITECT/ENGINEER IN ORDER FOR THE CONFLICT TO BE CLARIFIED IN AN OFFICIAL REQUEST FOR

ALL EXPOSED UTILITY LINES AND PIPES SHALL BE INSTALLED IN A WAY THAT DOES NOT OBSTRUCT OR PREVENT THE CLEANING OF FLOORS, WALLS AND CEILING AREA. 1 TO 2 INCHES OFF WALLS AND MINIMUM 6" OFF FLOORS. ALL ELECTRICAL WORK, LABOR AND MATERIAL, REQUIRED TO CONNECT THIS EQUIPMENT IS TO BE FURNISHED BY ELECTRICAL CONTRACTOR UNLESS SPECIFICALLY CALLED FOR IN FOODSERVICE DOCUMENTS. ELECTRICAL CONTRACTOR IS TO INCLUDE ROUGHING-IN TO POINTS INDICATED ON ROUGHING-IN PLANS, FINAL CONNECTIONS FROM ROUGH-IN POINTS TO VARIOUS PIECES OF EQUIPMENT REQUIRING SUCH CONNECTIONS, AND THE SUPPLYING OF ALL NECESSARY MATERIALS AND LABOR FOR THIS WORK EXCEPT AS HEREINAFTER NOTED.

FINAL ELECTRICAL CONNECTIONS TO ALL EQUIPMENT SHALL BE BY THE ELECTRICAL CONTRACTOR, INCLUDING ALL REQUIRED MATERIALS SUCH AS, LINE AND DISCONNECT SWITCHES, SAFETY CUT-OUTS, CONTROL PANELS, FUSE BOXES, OR OTHER ELECTRICAL CONTROLS, FITTINGS, CONDUITS AND CONNECTIONS. ITEMS NOT FURNISHED AS A STANDARD PART OF THE EQUIPMENT BY THE MANUFACTURER, ARE TO BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. STARTING SWITCHES PROVIDED BY FOODSERVICE EQUIPMENT CONTRACTOR AND FURNISHED LOOSE AS STANDARD BY EQUIPMENT MANUFACTURERS (OTHER THAN CUSTOM FABRICATED ITEMS) ARE TO BE MOUNTED AND WIRED COMPLETE UNDER ELECTRICAL CONTRACT.

ELECTRICAL ENGINEER TO BE RESPONSIBLE FOR ALL CONCERNS AND ARRANGEMENTS REGARDING PENETRATIONS INTO THE FLOOR AND WALL. BUILDING OWNER TO APPROVE PRIOR TO CONSTRUCTION. ELECTRICAL ENGINEER TO LOCATE RECEPTACLES IN STORAGE AREA AS REQUIRED BY LOCAL BUILDING CODE. ELECTRICAL COMPONENTS MUST NOT INTERFERE WITH THE OPERATION OF THE ITEMS OF FOODSERVICE EQUIPMENT.

ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL THE FOLLOWING:

ALL ELECTRIC BUILDING SERVICES INCLUDING BUT NOT LIMITED TO: CONDUIT, WIRING, LINE AND DISCONNECT SWITCHES, SAFETY CUT OFFS AND FITTINGS, CONTROL PANELS, FUSES, BOXES AND FITTINGS REQUIRED FOR COMPLETE INSTALLATION, EXCEPT INTERNAL WIRING AS SPECIFIED, UNLESS INDICATED OTHERWISE ON DRAWINGS. FINAL CONNECTIONS, INCLUDING MOUNTING AND WIRING OF STARTERS AND SWITCHES FURNISHED AS PART OF THE FOODSERVICE EQUIPMENT, UNLESS OTHERWISE INDICATED ON THE DRAWINGS. ALL JUNCTION BOXES, ELECTRICAL OUTLETS, COVER PLATES, SWITCHES, ETC. NOT BUILT INTO FIXTURES OR EQUIPMENT.

ALL OUTLETS, JUNCTION BOXES, COVER PLATES, ETC. IN FOODSERVICE AREAS MUST BE MOISTURE PROOF. ALL PLUGS AND CORDS SHALL BE N.E.M.A. RATED AND U.L. APPROVED FOR MANUFACTURED AND FABRICATED

SHUNT-TRIP CIRCUIT BREAKERS OR DISCONNECTS FOR FIRE SUPPRESSION SYSTEM SHUT-OFF OR FOOD SERVICE EQUIPMENT BENEATH VENTILATORS AS REQUIRED BY N.F.P.A.-96 AND LOCAL, STATE AND NATIONAL CODES. G.F.I. RECEPTACLES AS REQUIRED BY LOCAL, STATE, AND NATIONAL CODES. • DISCONNECTS OR OTHER DEVICES AS MAY BE REQUIRED BY LOCAL, STATE, AND NATIONAL CODES. • RECEPTACLES IN STORAGE AREA AS REQUIRED BY LOCAL, STATE, AND NATIONAL CODES.

WHEN APPLICABLE, THE ELECTRICAL CONTRACTOR SHALL PROVIDE CIRCUIT AND WIRING, INSTALL ELECTRICAL COMPONENTS (PROVIDED BY FOODSERVICE EQUIPMENT CONTRACTOR) AND INTERWIRE BETWEEN THE FOLLOWING:

EXHAUST HOODS FURNISHED BY FOODSERVICE EQUIPMENT CONTRACTOR WITH LIGHT FIXTURES, EMPTY CONDUIT TO J-BOX AND PRE-WIRE PACKAGE. ELECTRICAL CONTRACTOR TO INTERCONNECT TO SWITCHES AND MAKE ALL FINAL

S/S UTILITY CHASE SHALL BE FURNISHED BY FOODSERVICE EQUIPMENT CONTRACTOR WITH RECEPTACLES MOUNTED AND CORD & PLUG SETS LOOSE. ELECTRICAL CONTRACTOR TO EXTEND WIRING TO EACH RECEPTACLE ON UTILITY CHASE AND MAKE FINAL CONNECTIONS. ELECTRICAL CONTRACTOR TO CONNECT ALL CORD & PLUG SETS TO EQUIPMENT. FIRE CONTROL SYSTEM FURNISHED BY FOODSERVICE EQUIPMENT CONTRACTOR WITH MECHANICAL GAS SHUT-OFF FEATURE. FOODSERVICE EQUIPMENT CONTRACTOR TO INTERCONNECT TO GAS SOLENOID VALVE, SO AS TO SHUT OFF GAS SUPPLY TO EQUIPMENT WHEN ACTUATED.

FIRE CONTROL SYSTEM FURNISHED BY FOODSERVICE EQUIPMENT CONTRACTOR WITH APPLIANCE SHUT-OFF FEATURE. ELECTRICAL CONTRACTOR TO INTERCONNECT TO SHUNT TRIPS PER MANUFACTURERS DIAGRAM, SO AS TO SHUT OFF ALL EQUIPMENT UNDER HOODS WHEN ACTUATED.

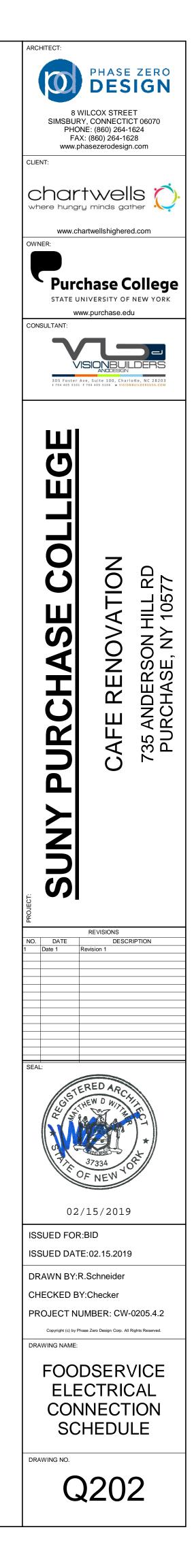
POWER TO ALL ELECTRICALLY OPERATED COOKING EQUIPMENT UNDER HOODS TO BE FROM PANEL WHERE MAIN BREAKER IS INTERWIRED WITH THE FIRE SUPPRESSION SYSTEM AND/OR FIRE TERMINAL BLOCK IN THE UTILITY DISTRIBUTION SYSTEM SO THAT THE POWER SHUT-OFF IS ACHIEVED UPON EITHER MANUAL OR AUTOMATIC OPERATION OF THE FIRE SUPPRESSION SYSTEM. ALL INTERWIRING BY ELECTRICAL CONTRACTOR. HOOD CONTROLS AND FIRE PROTECTION SYSTEMS EACH REQUIRE EMERGENCY (24 HOUR) SEPARATE CIRCUIT

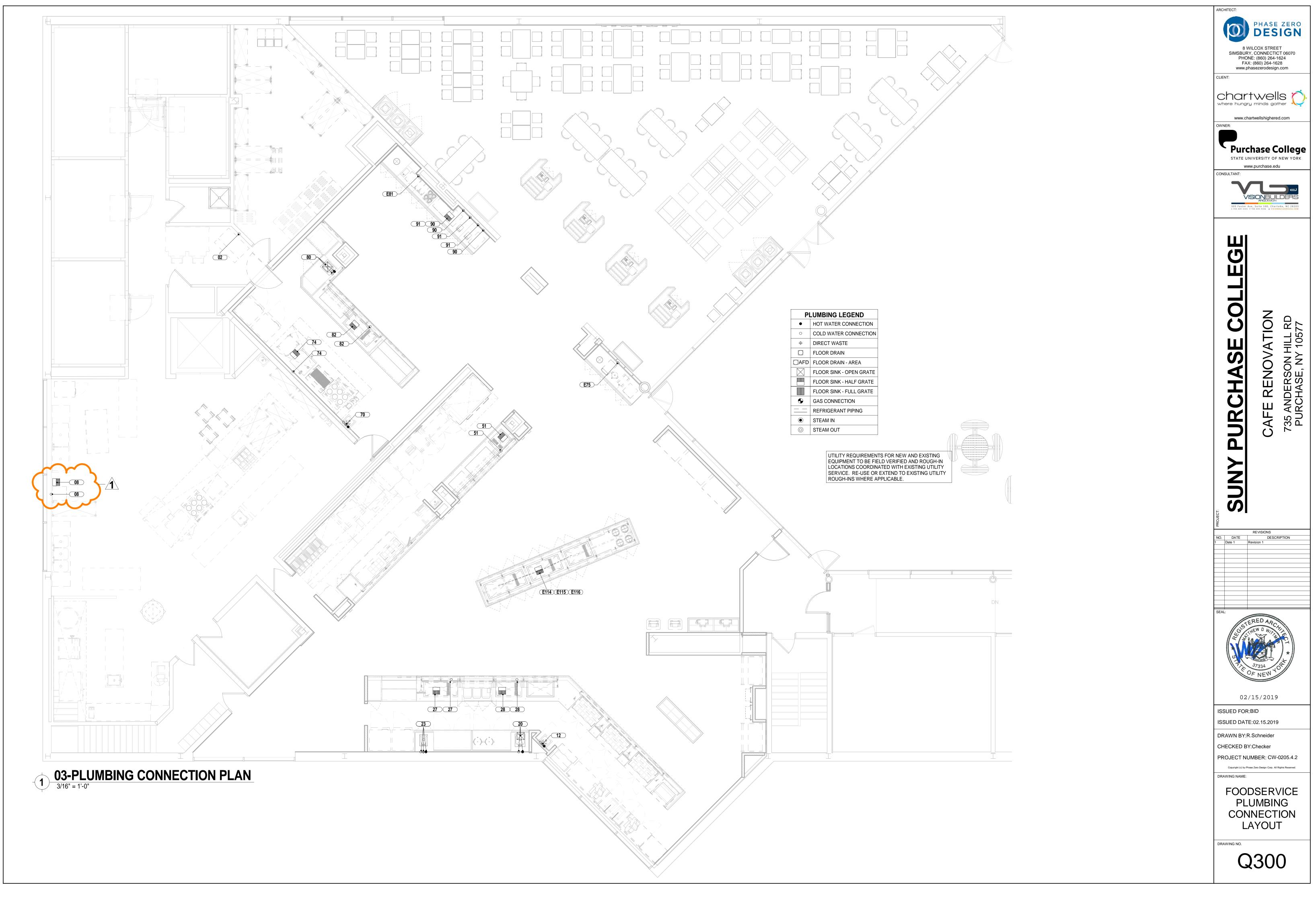
ELECTRICAL CONTRACTOR TO PROVIDE CIRCUITS ON ROOF FOR EXHAUST/SUPPLY FANS. VERIFY UTILITIES REQUIRED WITH MECHANICAL CONTRACTOR AND LOCATION OF UNITS WITH GENERAL CONTRACTOR. FINAL CONNECTIONS BY

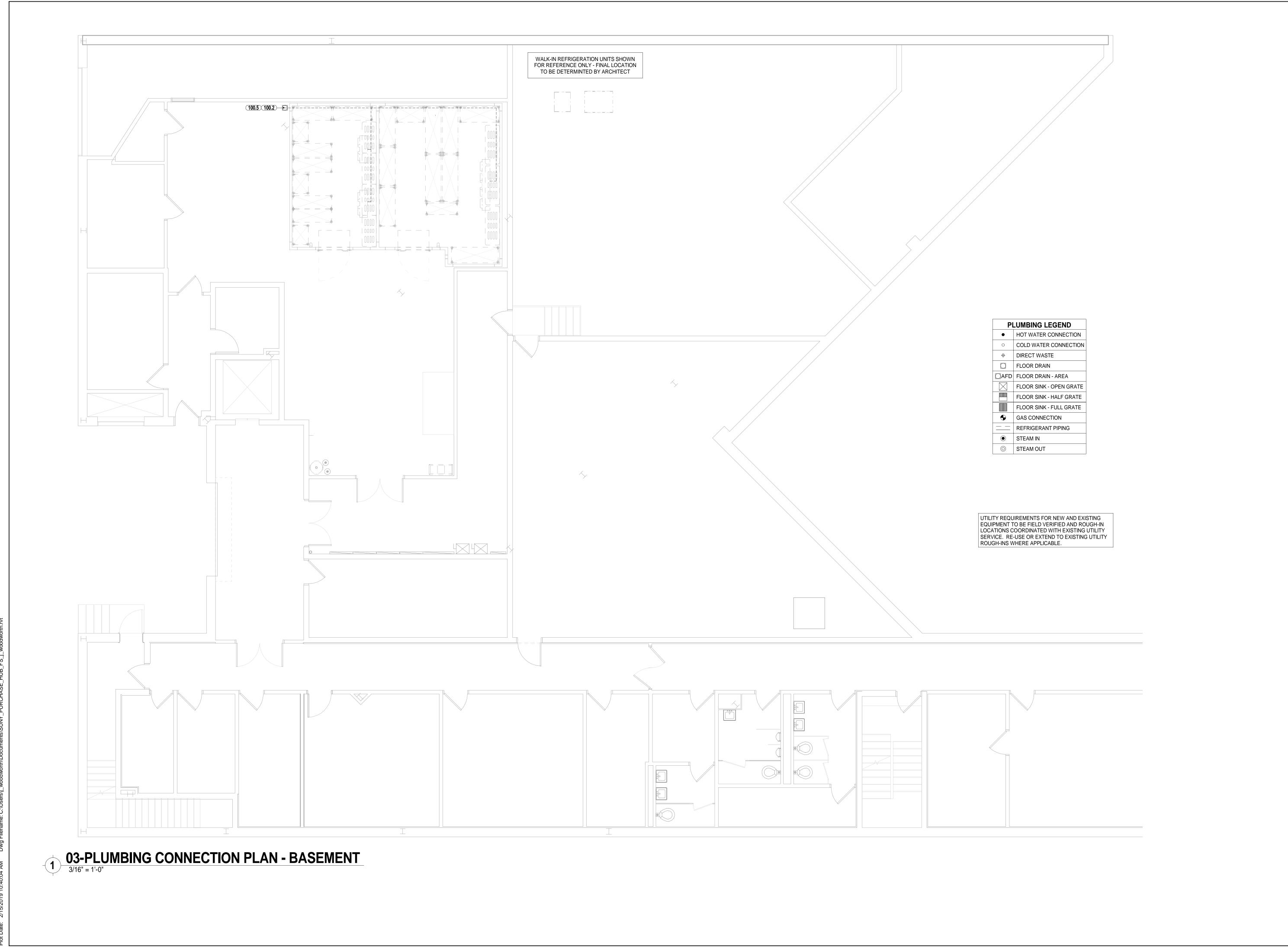
COLD STORAGE ROOMS SHALL BE FURNISHED BY FOODSERVICE EQUIPMENT CONTRACTOR WITH PRE-WIRED LIGHT AND SWITCH AT DOOR PANEL. ELECTRICAL CONTRACTOR TO PROVIDE INTERCONNECTING WIRING TO EXTRA LIGHT FIXTURES AND MAKE FINAL CONNECTIONS.

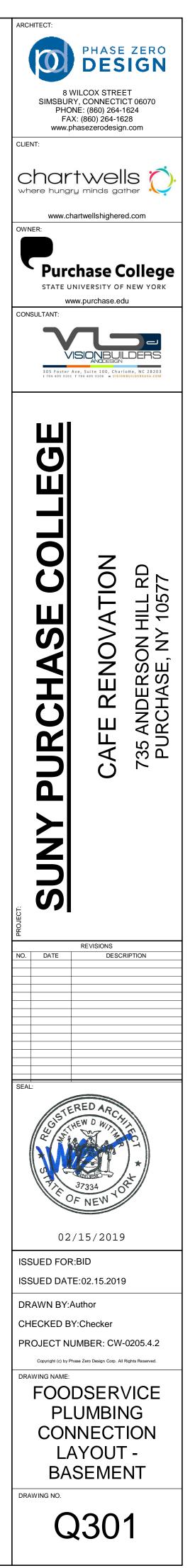
REFRIGERATION SYSTEMS SHALL BE FURNISHED AND INSTALLED BY FOODSERVICE EQUIPMENT CONTRACTOR, INCLUDING DEFROST WIRING BETWEEN CONDENSING UNIT AND EVAPORATOR COIL. FINAL POWER DROPS AND DISCONNECTS FOR CONDENSING UNITS AND EVAPORATOR COILS SHALL BE FURNISHED BY ELECTRICAL CONTRACTOR. UTILITY RACEWAY SHALL BE FURNISHED BY FOODSERVICE EQUIPMENT CONTRACTOR. PREWIRED AND READY FOR FINAL CONNECTION BY ELECTRICAL CONTRACTOR. FOOD SERVICE EQUIPMENT CONTRACTOR TO FURNISH CORD AND PLUG SETS FOR INSTALLATION TO EQUIPMENT BY ELECTRICAL CONTRACTOR.

AIR CURTAIN FAN TO BE FURNISHED BY FOODSERVICE EQUIPMENT CONTRACTOR WITH DOOR SWITCH. ELECTRICAL CONTRACTOR TO PROVIDE MASTER SWITCH AND MAKE FINAL CONNECTIONS.









	FOODSERVICE PLUMBING SCHEDULE													
ITEM NO	QT	d DESCRIPTION	CW SIZE	CW AFF	HW SIZE	HW AFF	DW SIZE	DW AFF	IW SIZE	IW TYPE	GAS SIZE	BTU/H	GAS AFF	PLUMBING REMARKS
02	1		3 8"	18			1/2"	14"	3/4"	Ρs				DRAIN LINE TO BE ROUTED TO EXISTING DRAIN
08	1	UNDERCOUNTER DISHWASHER	3/4"	14"					1 1/2"	FS				
12	1	UTILITY SINK, DROP-IN	1/2"	1/	1/2"	11"	1 1/2."	12"	1 1	FS				
20		· ·	., =			14	4.4/01	4.0"	1 1/2	FS				
23	1	HAND SINK, DROP-IN	1/2"	14"	1/2"	14	1 1/2"	12"						
27	1		1/2"	14"					1"	F 0				DRAIN SHUT-OFF VALVE
27	1	HOT/COLD PAN, DROP-IN AUTO WATERFILL	1/0"	4.4"					I	FS				DRAIN SHUT-OFF VALVE
28 28	1	HOT/COLD PAN, DROP-IN	1/2"	14"					1"	FS				DRAIN SHUT-OFF VALVE
51	1	AUTO WATERFILL	1/2"	14"					I	13				
51	1	HOT/COLD PAN, DROP-IN	1/2	14					1"	FS				DRAIN SHUT-OFF VALVE
70	1	SINK, HAND, WALL-MOUNT	1/2"	14"	1/2"	14"	1 1/2"	12"	I	13				
74	1	OVEN-STEAMER, COMBI ELECTRIC	3/4"	14"	172		1 1/2	12	2"	FS				Water supply 25-85 psi. 1st & 3rd water are for steam generators, 2nd & 4th for condensers. Connect drain to high temp. piping.
80	1	UTILITY SINK, DROP-IN	1/2"	14"	1/2"	14"			1 1/2"	FS				
82	1	AUTO WATERFILL	1/2"	14"	.,_				,_					
82	1	HOT/COLD PAN, DROP-IN							1"	FS				DRAIN SHUT-OFF VALVE
90	2	ICE MAKER & DISPENSER	1/2"	14"					3/4"	FS				WATER FILTRATION SYSTEM
91	2	MULTI BEVERAGE DISPENSER	1/4"	14"					1"	FS				
100.2	2	EVAPORATOR COIL, COOLER							3/4"	FD				
100.5	1	EVAPORATOR COIL, FREEZER							3/4"	FD				
E75	1	MILK DISPENSER	1/4"	14"										
E81	1	THERMAL COFFEE BREWER, DOUBLE	1/4"	14"										ESTIMATED UTILITIES - FIELD VERIFY
E114	1	HOT/COLD PAN, DROP-IN							1"	FS				DRAIN SHUT-OFF VALVE
E115	1	HOT/COLD PAN, DROP-IN							1"	FS				DRAIN SHUT-OFF VALVE
E116	1	HOT/COLD PAN, DROP-IN							1"	FS				DRAIN SHUT-OFF VALVE

FOODSERVICE PLUMBING/MECHANICAL NOTES:

THIS PLUMBING PLAN AND COORDINATING SCHEDULE IS INTENDED TO SHOW ROUGH-IN LOCATIONS AND HEIGHTS, CONNECTION TYPES, POSITIONS, FIXTURE TYPES AND LOAD REQUIREMENTS FOR FOODSERVICE EQUIPMENT SPECIFIED AND FOODSERVICE EQUIPMENT THAT IS SCHEDULED FOR RE-USE. THIS PLUMBING PLAN IS INTENDED TO SHOW PLUMBING REQUIREMENTS AND APPROXIMATE ROUGHING-IN LOCATIONS ONLY. DO NOT USE FOR ACTUAL ROUGHING-IN. FOR FINAL ROUGH-IN LOCATIONS SEE DIMENSIONED PLANS PROVIDED BY FOODSERVICE EQUIPMENT CONTRACTOR. UTILITY REQUIREMENTS INDICATED ARE TO SERVE AS A REFERENCE TO THE LICENSED PROFESSIONAL ARCHITECT AND/OR ENGINEERS IN THE PREPARATION OF THEIR RESPECTIVE BID AND CONSTRUCTION DOCUMENTS. NO ARCHITECTURAL OR ENGINEERING DESIGN SERVICES ARE INTENDED OR ASSUMED.

FOODSERVICE EQUIPMENT CONTRACTOR, PRIOR TO EQUIPMENT INSTALLATION, SHALL CHECK ALL UTILITY ROUGH-IN LOCATIONS, COORDINATE FIELD CONDITIONS, AND CALL TO THE ATTENTION OF THE GENERAL CONTRACTOR ANY AND ALL DISCREPANCIES BETWEEN THE FOODSERVICE ROUGH-IN PLANS, THE EQUIPMENT SPECIFIED, AND THE ROUGH-INS AS THEY OCCUR IN THE FIELD. UTILITIES ARE BASED ON MANUFACTURER'S INFORMATION. ACTUAL ROUGHING-IN TO BE DETERMINED BY

CODE REQUIREMENTS AND/OR MAUFACTURER'S DIRECTIONS. SHOULD DISCREPANCIES OCCUR THEY SHALL BE BROUGHT TO THE ATTENTION OF THE FOODSERVICE CONSULTANT AND/OR PROJECT ARCHITECT/ENGINEER IN ORDER FOR THE CONFLICT TO BE CLARIFIED IN

AN OFFICIAL REQUEST FOR INFORMATION. ALL EXPOSED UTILITY LINES AND PIPES SHALL BE INSTALLED IN A WAY THAT DOES NOT OBSTRUCT OR PREVENT THE CLEANING OF FLOORS, WALLS AND CEILING AREA. 1 TO 2 INCHES OFF WALLS AND MINIMUM 6" OFF FLOORS.

ALL PLUMBING WORK, LABOR AND MATERIAL, REQUIRED TO CONNECT THIS EQUIPMENT IS TO BE FURNISHED BY PLUMBING CONTRACTOR UNLESS SPECIFICALLY CALLED FOR IN FOODSERVICE DOCUMENTS. PLUMBING CONTRACTOR IS TO INCLUDE ROUGHING-IN TO POINTS INDICATED ON ROUGHING-IN PLANS, FINAL CONNECTIONS FROM ROUGH-IN POINTS TO VARIOUS PIECES OF EQUIPMENT REQUIRING SUCH CONNECTIONS, AND THE SUPPLYING OF ALL NECESSARY MATERIALS AND LABOR FOR THIS WORK EXCEPT AS HEREINAFTER NOTED.

FINAL PLUMBING CONNECTIONS TO ALL EQUIPMENT SHALL BE BY THE PLUMBING CONTRACTOR, INCLUDING ALL REQUIRED MATERIALS SUCH AS, PIPING OF SUPPLY AND WASTE LINES FROM BUILDING SERVICE TO ROUGH-IN (UNLESS SPECIFICALLY STATED OTHERWISE), TRAPS, GREASE INTERCEPTORS, LINE STRAINERS, TAILPIECES, VALVES, STOPS, SHUTOFFS, AND MISCELLANEOUS FITTINGS REQUIRED FOR COMPLETE INSTALLATION AND FINAL CONNECTION.

ITEMS NOT FURNISHED AS A STANDARD PART OF THE EQUIPMENT BY THE MANUFACTURER, ARE TO BE FURNISHED AND INSTALLED BY PLUMBING CONTRACTOR. FAUCETS PROVIDED BY FOODSERVICE EQUIPMENT CONTRACTOR AND FURNISHED LOOSE AS STANDARD BY EQUIPMENT MANUFACTURERS ARE TO BE MOUNTED AND PLUMBED COMPLETE UNDER PLUMBING CONTRACT. PLUMBING ENGINEER TO BE RESPONSIBLE FOR ALL CONCERNS AND ARRANGEMENTS REGARDING

PENETRATIONS INTO THE FLOOR AND WALL. BUILDING OWNER TO APPROVE PRIOR TO CONSTRUCTION. PLUMBING ENGINEER TO LOCATE AREA DRAINS AND HOSE BIBBS AS REQUIRED FOR GENERAL CLEANING OF FACILITY.

PLUMBING COMPONENTS MUST NOT INTERFERE WITH THE OPERATION OF THE ITEMS OF FOOD SERVICE EQUIPMENT. FINAL CONNECTIONS TO ALL EQUIPMENT SHALL BE BY THE PLUMBING CONTRACTOR, INCLUDING ALL

REQUIRED MATERIALS SUCH AS STOPS, VALVES FILTERS, TRAPS, CHECK VALVES, PIPING, TUBING, ETC. GAS COOKING EQUIPMENT SHALL BE ADA APPROVED AND FURNISHED BY FOODSERVICE EQUIPMENT CONTRACTOR WITH GAS PRESSURE REGULATORS DESIGNED TO OPERATE WITH 14" W.C. INCOMING GAS PRESSURE OR LESS. PLUMBING CONTRACTOR TO PROVIDE GAS PIPING WITH INDIVIDUAL SHUT-OFF VALVES AND INTERMEDIATE REGULATORS AS REQUIRED TO REDUCE INCOMING BUILDING PRESSURE TO LEVEL SUITABLE FOR EQUIPMENT. PLUMBING CONTRACTOR TO MAKE FINAL CONNECTIONS. FIRE CONTROL SYSTEM: FOODSERVICE EQUIPMENT CONTRACTOR TO FURNISH MECHANICAL GAS SOLENOID VALVE LOOSE FOR PLUMBER TO INSTALL IN GAS SUPPLY LINE, LOCATED SO AS TO SHUT OFF ALL GAS TO COOKING EQUIPMENT WHEN ACTUATED.

THE PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL THE FOLLOWING:

ALL WATER, WASTE & GAS SERVICE TO POINT OF ROUGH-IN AS SHOWN ON PLAN. ROUGH-IN OUTLETS TO STUB 4" OUT OF WALLS AT HEIGHT INDICATED FROM FINISHED FLOOR TO CENTERLINE OF SERVICE LINE. FLOOR ROUGH-INS TO STUB UP 3" ABOVE FINISHED FLOOR OR CURBS. ALL FLOOR OPENINGS OR PENETRATIONS TO BE SEALED WATERTIGHT.

PRESSURE REDUCING AND/OR REGULATING VALVES FOR DISHWASHERS, BOOSTER HEATERS, OR AS OTHERWISE NOTED IN ALL FOOD SERVICE AREAS. ALL FLOOR SINKS, COMPLETE WITH TOP GRATES (AS INDICATED) AND REMOVABLE SEDIMENT BUCKETS.

ALL FIXTURES TO BE SET FLUSH WITH FINISHED FLOOR, EXCEPT AS OTHERWISE NOTED. ALL WASTE LINES, DIRECT OR INDIRECT, EXCEPT AS OTHERWISE NOTED. MINIMUM DIAMETER OF LINE SHALL BE AS INDICATED ON PLAN REGARDLESS OF CONNECTION, AND SHALL BE PITCHED DOWNWARD. MAINTAIN DRAIN LINES AS HIGH AS POSSIBLE (MINIMUM 6" CLEAR ABOVE FINISHED FLOOR) ABOVE FLOOR FOR SANITATION AND CLEANING. ALL WASTE LINES SHALL HAVE ADEQUATE CLEAN-OUT PROVISIONS PER LOCAL CODES.

INDIRECT CONDENSATE DRAINLINES FOR WALK-IN COOLER/FREEZER TO BE PITCHED 4" PER 12" OF HORIZONTAL RUN AND TERMINATE IN A P-TRAP OVER FLOOR SINK. HEATER TAPE, WITH AN EFFECTIVE RATING OF 35 WATTS PER LINEAR FOOT, AND INSULATION OF ALL DRAINLINES WITHIN FREEZER COMPARTMENTS.

ALL REQUIRED GREASE INTERCEPTORS, OUTSIDE THE BUILDING WHERE POSSIBLE, OTHERWISE BELOW OR SET FLUSH WITH THE FINISHED FLOOR. STRICT COORDINATION WITH EQUIPMENT AND LOCAL CODES REQUIRED IF GREASE INTERCEPTOR IS TO BE SET ABOVE THE FLOOR OR UNDER EQUIPMENT. INSTALL FIRE CONTROL GAS SHUT-OFF (SOLENOID, EITHER MANUAL OR ELECTRIC) VALVE AS SUPPLIED BY FIRE SUPPRESSION SYSTEM CONTRACTOR. (IF GAS COOKING EQUIPMENT IS USED) VACUUM BREAKERS AS REQUIRED BY LOCAL/STATE/NATIONAL CODES.

INSULATION ON ALL HOT WATER AND CONDENSATE RETURN LINES WITHIN THE FOODSERVICE AREAS. ALL SUCH LINES ARE TO BE COLOR-CODED ACCORDING TO LOCAL CODES.

CLEAN-OUT VALVES FOR STEAM AND CONDENSATE RETURN LINES. PLUMBING CONTRACTOR TO INTERCONNECT DISHMACHINE WITH BOOSTER HEATER/HEAT RECLAIMER AS

PER MANUFACTURER'S INSTRUCTIONS, WHEN APPLICABLE AND NOTED. PLUMBING CONTRACTOR TO INTERCONNECT WATER-WASH VENTILATORS WITH CONTROL PANELS AS PER MANUFACTURER'S INSTRUCTIONS, WHEN APPLICABLE AND NOTED.

WHERE POSSIBLE, UTILITIES SHALL BE CONCEALED WITHIN BUILDING WALLS OR COLUMN CHASES, NOT RUN ALONG WALL FACE. DO NOT STUB OUT OF FLOOR AND RUN ON THE FACE OF THE WALL. ANY AND ALL EXPOSED PIPING OR FITTINGS TO BE STAINLESS STEEL, CHROME PLATED OR ENCLOSED IN A CONCEALED. MOUNTED STAINLESS STEEL CHASE.

ALL HORIZONTAL PIPING RUNS EXTENDED TO AND CONNECTED TO EQUIPMENT ITEMS SHALL BE AT THE HIGHEST PRACTICAL ELEVATION AND NOT LESS THAN 6" ABOVE FINISHED FLOOR SO AS TO PROVIDE CLEARANCE FOR CLEANING.

ALL VENT PIPES TO BE CONCEALED IN WALLS OR COLUMN CHASES. USE LOOP VENTS FOR ISLAND FIXTURES, AS ALLOWED BY LOCAL CODES. ALL LINES ROUTED THROUGH EQUIPMENT SHALL NOT INTERFERE WITH THE INTENDED USE OF, OR

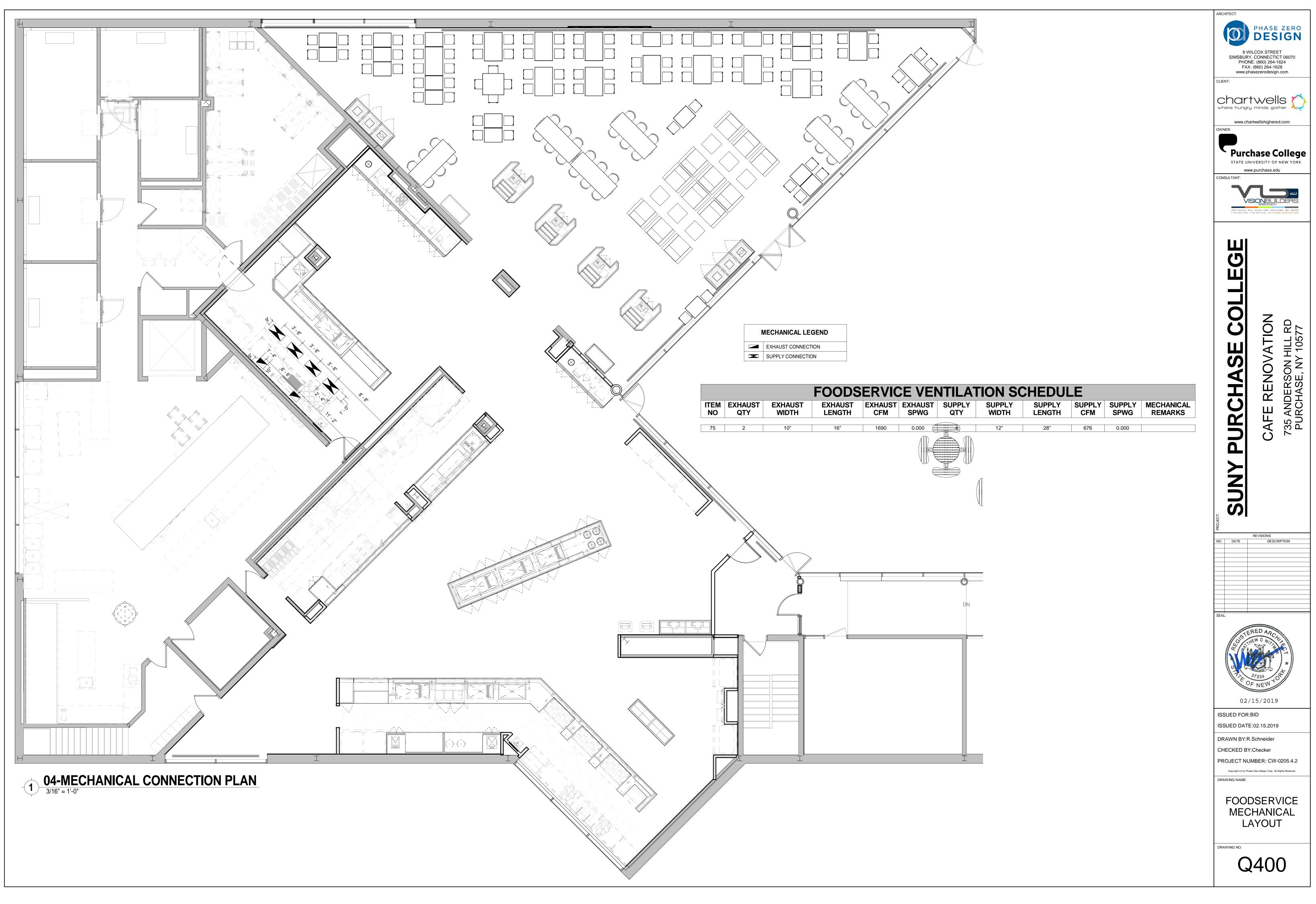
SERVICING OF THE EQUIPMENT. DRINKING FOUNTAINS ARE BY MECHANICAL TRADES. VERIFY UTILITY REQUIREMENTS WITH MECHANICAL ENGINEER.

INDOOR GREASE TRAPS ARE TO RECESSED, FLUSH WITH TOP OF FINISHED FLOOR (UNLESS SPECIFIED OTHERWISE) AND REMOVAL OF COVER SHALL NOT INTERFERE WITH THE OPERATION OF EQUIPMENT

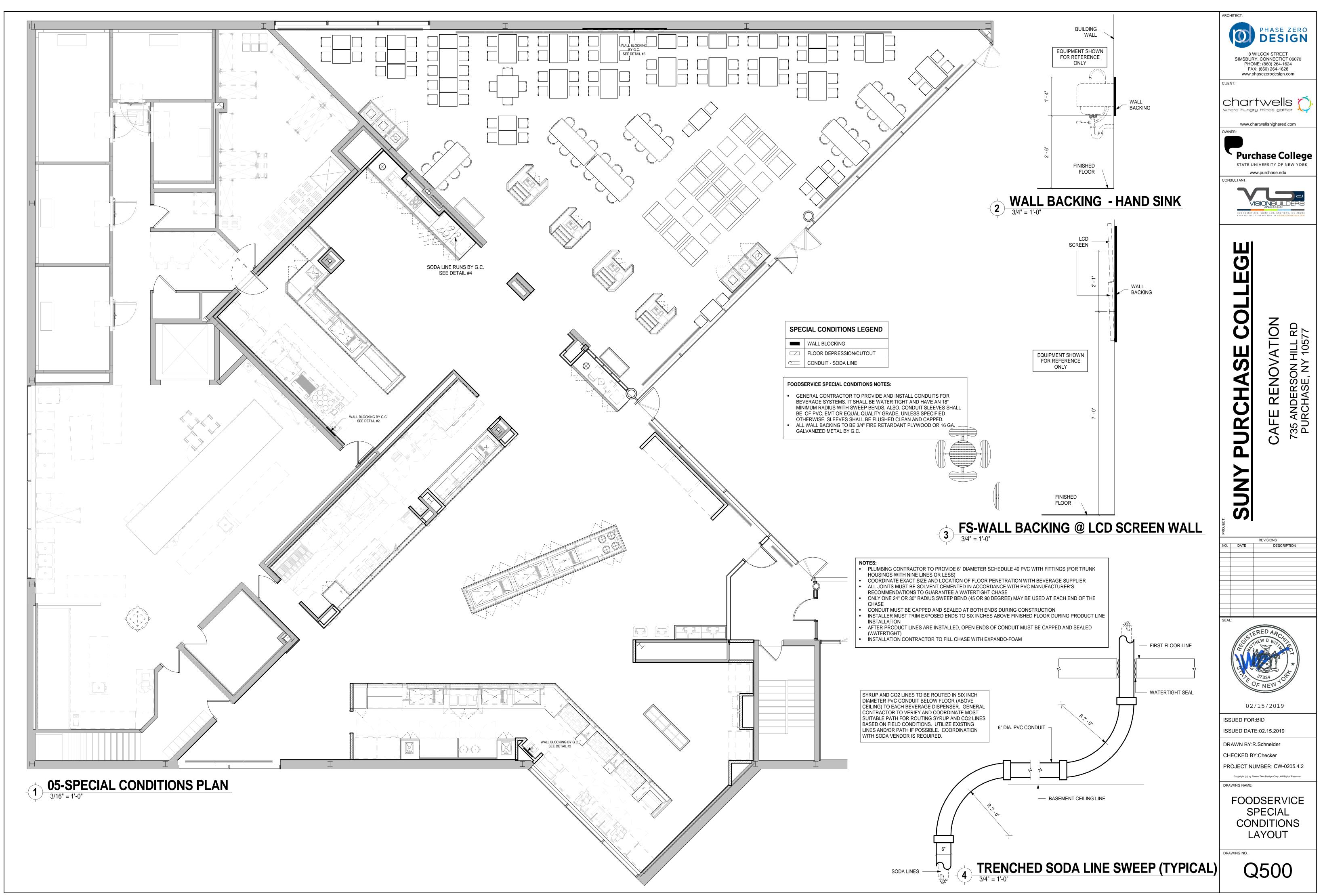
ITEMS

FLOOR DRAINS, FUNNEL FLOOR DRAINS, FLOOR SINKS, ETC., LOCATED AT FOOD PREP SINKS, POT WASHING SINKS AND DISHMACHINES MUST HAVE REMOVABLE BASKETS TO CATCH FOOD PARTICLES. FLOOR TROUGH DRAINS MUST ALSO BE PROVIDED WITH REMOVABLE BASKETS AND TO BE INSTALLED FLUSH WITH FINISHED FLOOR (NO RAISED FLOOR SINKS SHALL BE INSTALLED). ALL DRAINS IN FOOD SERVICE AREAS TO BE RUN THROUGH GREASE TRAP UNLESS OTHERWISE APPROVED BY LOCAL CODE.

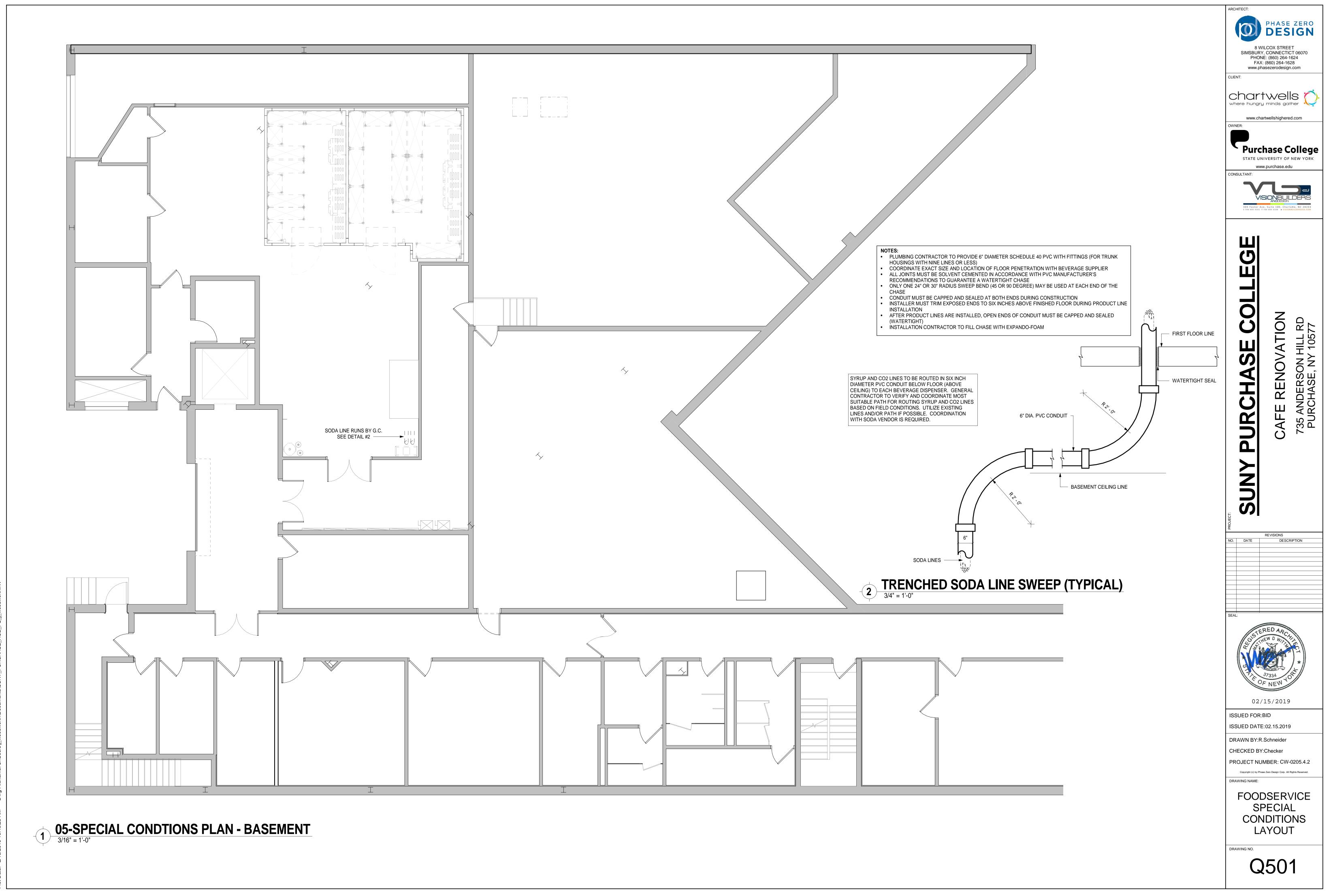
ARCHITECT: PHASE ZERO DESIGN 8 WILCOX STREET SIMSBURY, CONNECTICT 06070 PHONE: (860) 264-1624 FAX: (860) 264-1628 www.phasezerodesign.com |chartwells 🕻 where hungry minds gather www.chartwellshighered.com WNER **•** Purchase College STATE UNIVERSITY OF NEW YORK www.purchase.edu CONSULTANT: C Щ COL **ATION** RD 77 HILL Ш S **RENOV** NN, ◀ SШ DERS U U U 35 AND PURCH ш **U**R AFI ()Z S REVISIONS DESCRIPTION DATE Revision 1 02/15/2019 ISSUED FOR:BID ISSUED DATE:02.15.2019 DRAWN BY:R.Schneider CHECKED BY:Checker PROJECT NUMBER: CW-0205.4.2 Copyright (c) by Phase Zero Design Corp. All Rights Reserved. RAWING NAME: FOODSERVICE PLUMBING CONNECTION SCHEDULE RAWING NO. Q302



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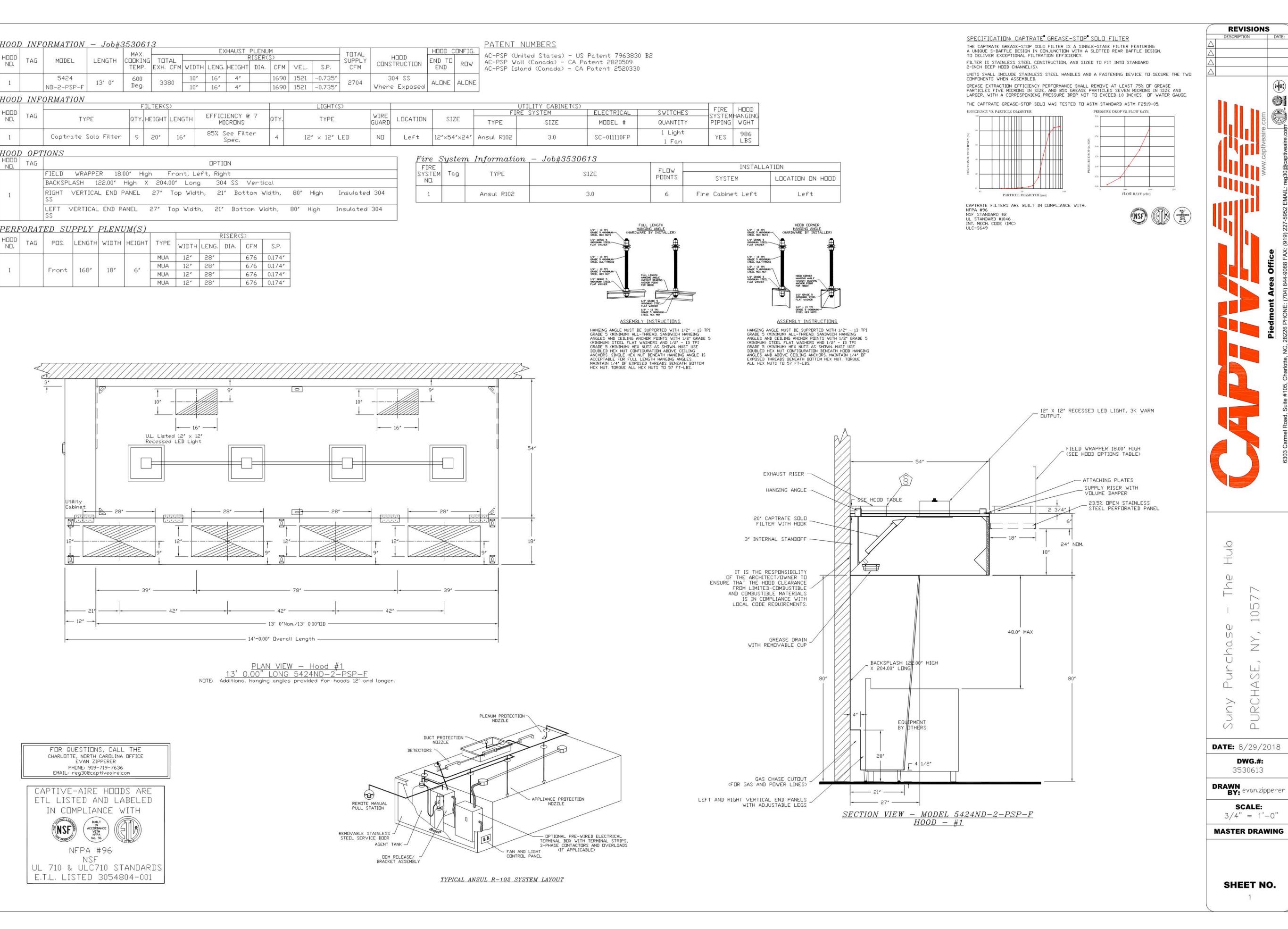


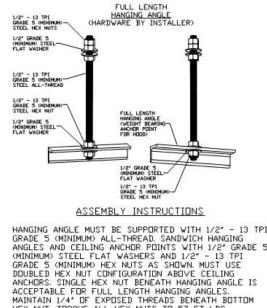
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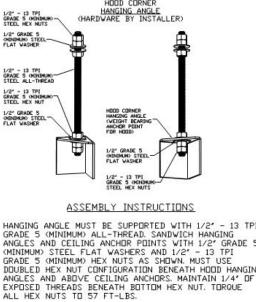


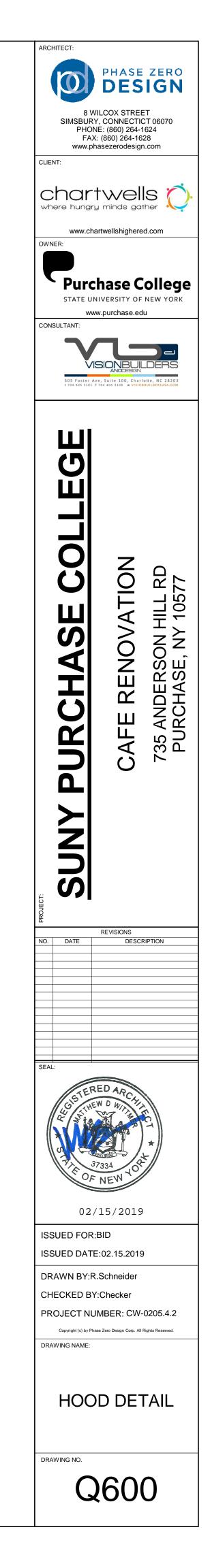
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		<u>ORMATION</u>		MAX.			Ε>	KHAUST	PLENUM			TOTAL			HOOD CON	FIG.	PATENT N		US Patent 7963830 I	12		
HOOD NO.	TAG	MODEL	LENGTH	COOKING TEMP.	G TOTAL EXH. CF	M WIDTH	H LENG.	HEIGHT		FM VE	IL. S.P.	SUPPLY CFM	CONS	HOOD TRUCTION	END TO F		AC-PSP Wall	l (Canada) - CA	Patent 2820509 CA Patent 2520330			
1		5424 ND-2-PSP-F	13′0″	600 Deg.	3380	10" 10"	16" 16"	4" 4"		690 15 690 15		2704		04 SS e Exposed	ALONE AL	_ONE						
100L) INF	ORMATION										-1										
наар	TAG		te to te data e		LTER(S)		FEETC	IENCY @	7		LIGHT	(2)	WIRE					TILITY CABINET(SYSTEM	S) ELECTRICAL	SWITCHES	FIRE HOOD SYSTEMHANGING	
ND.	TAG	TY	ΈE	QTY.H	EIGHT	NGTH			1 Q1	ΓY.	TYPE		GUARD	LOCATION	SIZE		TYPE	SIZE	MODEL #	QUANTITY		
1		Captrate	Solo Filter	9	20″	16″		See Filt Spec,	۶r	4	12" × 12"	LED	ND	Left	12"×54"×8	24″ A	nsul R102	3.0	SC-011110FP	1 Light 1 Fan	YES 986 LBS	
100I) OPT	IONS				10							- 10 									
HOOD NO,	TAG						OPTI	ΠN							<u>e Syster</u> RE	$\frac{m}{1}$	iformation	<u>n – Job#353</u> 	0613		INSTAL	LATION
				.00″ Hig		ont, Le	<u> </u>							SAS	TEM Tag		TYPE		SIZE	FLOW -	SYSTEM	LOCATION ON H
		BACKSPLASH	Store and a second	High X		0	10-052-00	4 SS V	and the second s		10 - 1000-00	742. J. 10	N 9292933		<u> </u>							
1		RIGHT VER SS	TICAL END	PANEL	27″ To	p Widtł	n, 21'	″ Bott	om Widt	n, 80	″ High	Insulate	d 304		L		Ansul R102		3.0	6	Fire Cabinet Left	Left
		LEFT VERT	ICAL END F	PANEL	27″ Top	o Width	, 21″	Botto	m Width	, 80″	High	Insulated	304									
PERF	ORAT	ED SUPPI	LY PLEN	UM(S)	2- M									T. die						LENGTH NG ANGLE BY INSTALLER>	1/8" - 13	HODD CORNER HANGING ANGLE WINNER BY INSTAL
100D NO.	TAG	Contraction of the Association	IGTH WIDTH	, ,	TYPE	WIDTH		ISER(S) DIA, C	-M S.	P.									1/2" - 13 TPI GRADE 5 OKININO STEEL HEX NUTS 1/2" GRADE 5 OKINAMENO STEEL FLAT VASHER		1/2" - 13 GRADE 5 STEDE, ME 1/2" GRAD ORDMUND FLAT WAS	mora
					MUA		28″	6	76 0.1	74″									1/2" - 13 TPI GRADE 5 OMNIHUMO STEEL ALL-THREAD	I	1/2" - 13 GRADE 5 C	INDINO
1		Front 16	8″ 18″	6″	MUA		28″		76 0.1										1/2" - 13 TPE GRADE 5 (MINIMUM)		1/2" - 13 GRADE 5 C STEEL HC	
530.02		view stated in a classic	1000 (1000)	0.00	MUA	12″	28″	6	76 0.1	/4"									STEEL HEX NUT	LENGTH ING ANGLE GHT BEARING-	1/2" GRAD ONINIMUM	









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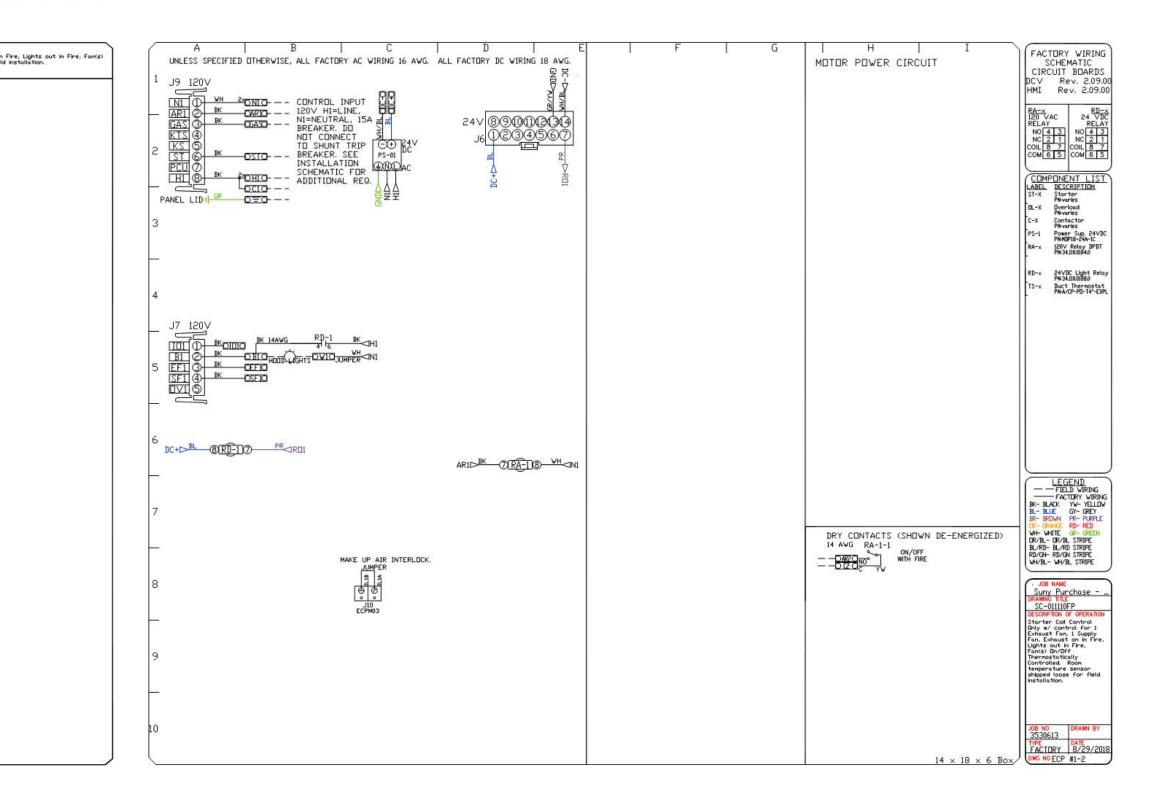
ELECTRICAL PACKAGE - Job#3530613

	TAG	PACKAGE #	LOCATION	SWITCHE	ES	OPTION	FANS CONTROLLED						
			200111011	LOCATION	QUANTITY		TYPE	φ	H.P.	VOLT	FLA		
		SC-011110FP	Utility Cabinet Left	03 - Utility Cabinet Left	1 Light	Smart Controls Thermostatic Control							
2		30-01110/7	othrey cabinet Lert	Hood # 1	1 Fan	Shart controls mernostatic control							

JOB NO 3530613	MODEL NUMBER SC-011110FP	DRAWN BY	SCHEMATIC TYPE INSTALL	DESCRIPTION OF OPERATION: Starter Coll Control Only #/ control for 1 Exhaust Fan, 1 Supply Fan, Exhaust on in 1
3230613	JOB NAME Suny Purchase - The Hub	DATE 8/29/2018	ECP #1-1	Dr/Dff Thermostatically Controlled. Roon tenperature sensor shipped loose for field
BREAKER PANEL TO PRIMAR Responsibility: Ele BREAKER SIZE SHOWN IS THE BREAKER IPH 120 V 15 A CONTROL POWER. DO TO GFCI OR SHUNT TR BREAKER. SHO	CUNIRUL PANEL ctrician MAXIMUM ALLOWED PRIMARY CONTROL PANEL PRIMARY CONTROL PANEL PRIMARY CONTROL PANEL PRIMARY CONTROL PANEL CONTROL CONT	R SDURCES. DO NOT INSTA ON THE CEILING GRID, S ANEL T2AO 12BO FACTORY VIRED TEMPER ISOR SENSOR. MOUNTED IN EX	ROM HEAT LL SENSOR EE MANUAL. ATURE HOD HAUST DUCT RISE	
CONTROL POVER SVITCH #1	D FANS	T3BO FACTORY VIRED TEMPER ISOR SENSOR. MOUNTED IN EX — THE FOLLOWING CON MAY OR MAY NO REQUIRED BASED ON SPECIFICATIO	HAUST DUCT RISE NECTIONS T BE JOBSITE NS	C211
FAN STARTER EFIC	EXHAUST SIGNA EXTAUST SIGNA VIRE TO FAN STARTER COLL CONTRO	AL ST TERMINAL IS ENER NIP IN FIRE CONDITION.		
FAN STARTER SFIO COIL CONTROL NIO FOR SUPPLY GROUP 1	VIRE TO FAN STARTER COL	ARE WEILLES SPARE CONTACTS WILL ARE WHEN SYSTEM IS AI TOR PROVIDE SIGNALS. (N BUILDING FIRE ALARM BE WIRED DIRECTLY TO ALARM INITIATING SWITC IN ANSUL AUTOMAN)	HAKE C2 TD WED. THEY QUIPMENT DT FOR HICH MUST THE ANSUL H LOCATED BMS SW	
CONTROL PANEL TO ACC Responsibility: Ele CONTROL PANEL	ESSORY ITEMS		GH BMS FANS AND	
	440 88 			
CONTROL PANEL				



HOOD PREWIRE PACKAGE WIRING INFORMATION *STARTER CONTROL ONLY - STARTERS FOR FANS BY OTHERS*





REVISIONS

DESCRIPTION

J. MWW

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Suny Puro Purchase,

DATE: 8/29/2018

DWG.#: 3530613

BY: evan.zipperer

SCALE: 3/4" = 1'-0"

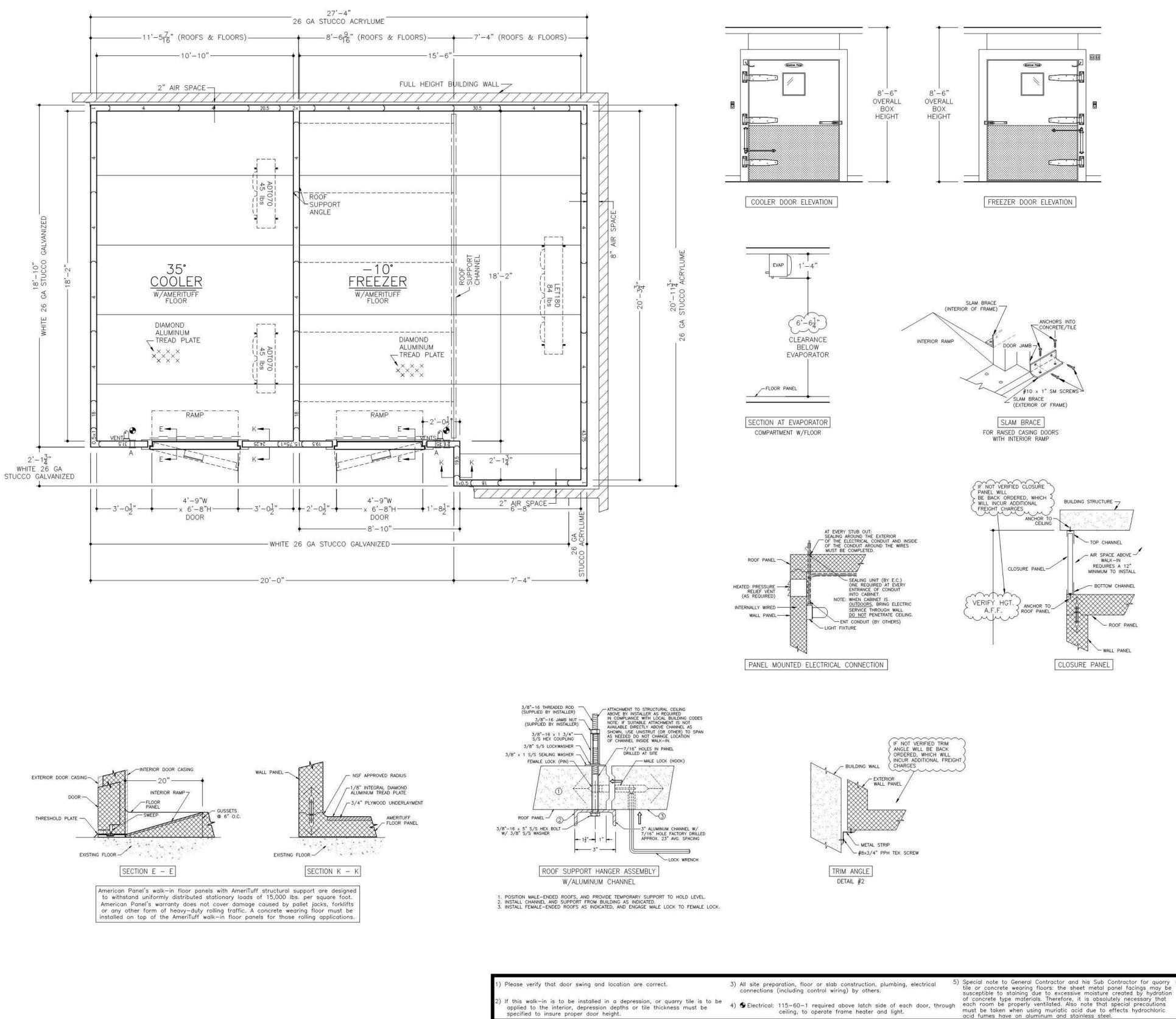
MASTER DRAWING

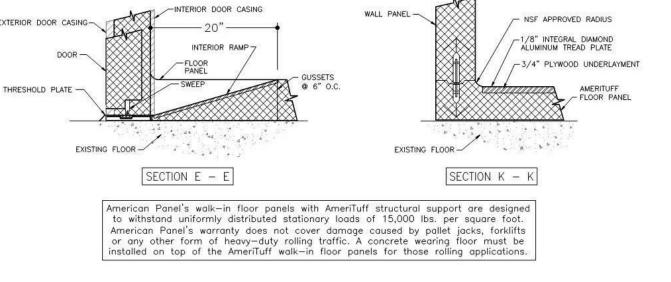
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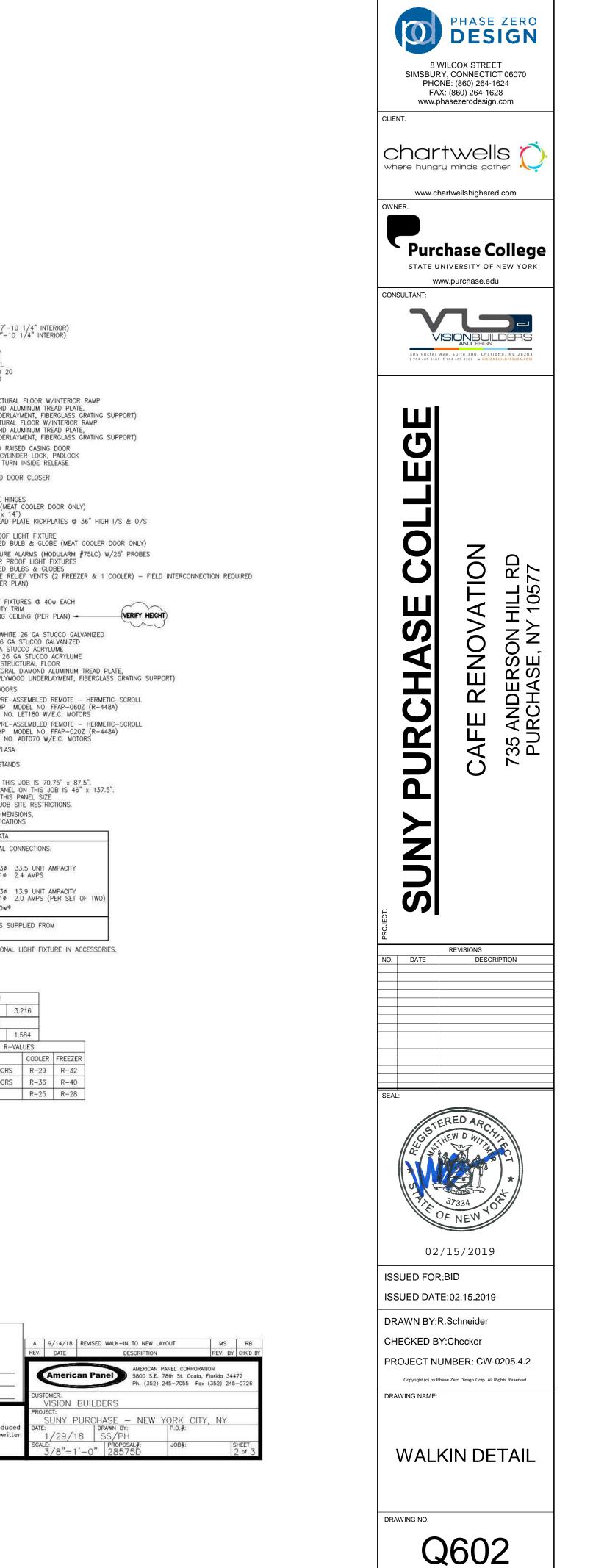
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5) Special note to General Contractor and his Sub Contractor for quarry tile or concrete wearing floors: the sheet metal panel facings may be susceptible to staining due to excessive moisture created by hydration of concrete type materials. Therefore, it is absolutely necessary that each room be properly ventilated. Also note that special precautions must be taken when using muriatic acid due to effects hydrochloric acid fumes have on aluminum and stainless steel.
 6) This drawing and i property of America American Panel Co in whole or part, or consent of American acid fumes have on aluminum and stainless steel.

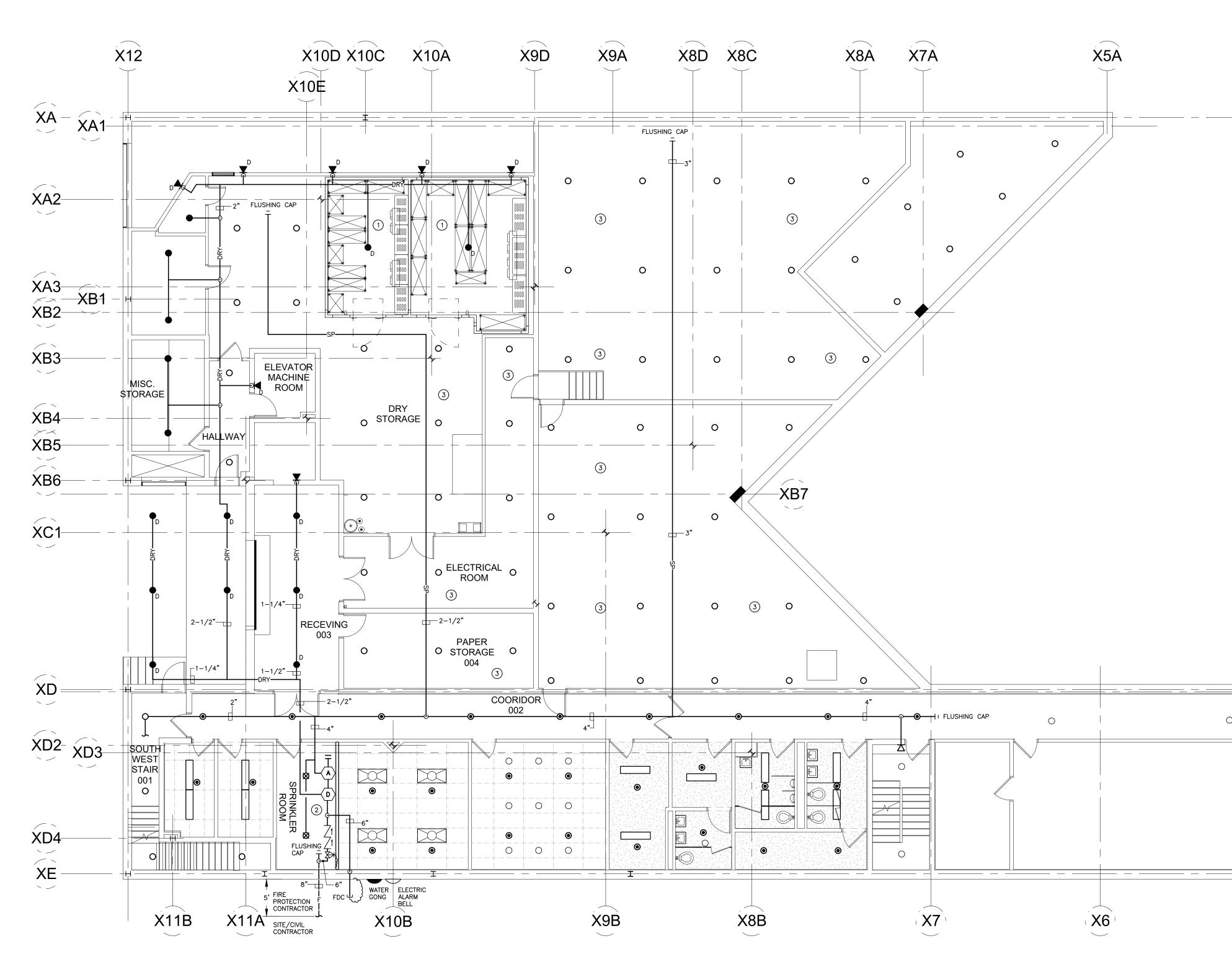


ARCHITECT:

	~SPECIFICATIONS~
BOX HEIGHT:	COOLER – 8'–6" OVERALL $(7'-10 1/4"$ INTERIOR)
CONSTRUCTION:	FOAMED IN PLACE NSF LISTED, STANDARD NO. 7
INSULATION:	4" URETHANE, FINISHED PANEL UL CLASSIFIED FLAME SPREAD 20 CORE SMOKE DEVELOPED 350
INSTALLATION:	OUTDOORS UNDER COVER
FLOOR: (see details)	FREEZER – AMERITUFF STRUCTURAL FLOOR W/INTERIOR RAMP (1/8" INTEGRAL DIAMOND ALUMINUM TREAD PLATE, 3/4" AC PLYWOOD UNDERLAYMENT, FIBERGLASS GRATING SUPPORT) COOLER – AMERITUFF STRUCTURAL FLOOR W/INTERIOR RAMP (1/8" INTEGRAL DIAMOND ALUMINUM TREAD PLATE, 3/4" AC PLYWOOD UNDERLAYMENT, FIBERGLASS GRATING SUPPORT)
DOOR HARDWARE & ACCESSORIES: (EACH DOOR)	 HEAVY DUTY L-SHAPED WOOD RAISED CASING DOOR DEADBOLT HANDLE W/KEYED CYLINDER LOCK, PADLOCK PROVISION & QUARTER TURN INSIDE RELEASE FRAME HEATER WIRE KASON #1097 SPRING LOADED DOOR CLOSER STRIP CURTAIN MAGNETIC DOOR SWITCH 3 - KASON #1277 CAM RISE HINGES 2 - STD. CAM RISE HINGES (MEAT COOLER DOOR ONLY) HEATED VISION WINDOW (14" x 14") 1/8" DIAMOND ALUMINUM TREAD PLATE KICKPLATES @ 36" HIGH I/S & O/S SLAM BRACES KASON SCREW-IN VAPOR PROOF LIGHT FIXTURE W/8.5 WATT SYLVANIA LED BULB & GLOBE (MEAT COOLER DOOR ONLY)
PANEL MOUNTED ACCESSORIES:	 2 - AUDIO VISUAL TEMPERATURE ALARMS (MODULARM #75LC) W/25' PROBES 2 - KASON SCREW-IN VAPOR PROOF LIGHT FIXTURES W/8.5 WATT SYLVANIA LED BULBS & GLOBES 3 - KASON #1825 PRESSURE RELIEF VENTS (2 FREEZER & 1 COOLER) - FIELD INTERCONNEC (FOAMED IN PANEL - PER PLAN)
ACCESSORIES: (SHIPPED LOOSE)	2 - PCS. TRIM ANGLE 12 - 48" (1810LE) LIGHT FIXTURES @ 40w EACH ROOF SUPPORT ANGLE W/BEAUTY TRIM CLOSURE PANEL TO AN EXISTING CEILING (PER PLAN) - VERIFY HEIGHT) ROOF SUPPORT CHANNEL
METAL FINISHES:	INTERIOR WALLS & CEILING - WHITE 26 GA STUCCO GALVANIZED EXPOSED EXTERIOR - WHITE 26 GA STUCCO GALVANIZED UNEXPOSED EXTERIOR - 26 GA STUCCO ACRYLUME EXTERIOR FLOOR & CEILING - 26 GA STUCCO ACRYLUME INTERIOR FLOOR - AMERITUFF STRUCTURAL FLOOR (1/8" INTEGRAL DIAMOND ALUMINUM TREAD PLATE, 3/4" AC PLYWOOD UNDERLAYMENT, FIBERGLASS GRATING SUPPORT)
REFRIGERATION:	U.L. LISTED, AIR COOLED, OUTDOORS
MEAT COOLER	CONDENSING UNIT: 1 – STD. PRE-ASSEMBLED REMOTE – HERMETIC-SCROLL 6.00 HP MODEL NO. FFAP-060Z (R-448A) EVAPORATOR: 1 – MODEL NO. LET180 W/E.C. MOTORS
PRODUCE COOLER	CONDENSING UNIT: 1 – STD. PRE-ASSEMBLED REMOTE – HERMETIC-SCROLL 2.00 HP MODEL NO. FFAP-020Z (R-448A)
REFRIGERATION ACCESSORIES:	EVAPORATOR: 2 - MODEL NO. ADTO70 W/E.C. MOTORS 2 - WINTERIZATION CONTROLS/LASA 2 - COMPRESSOR COVERS 2 - COMPRESSOR MOUNTING STANDS 2 - DEFROST TIMERS
	THE LARGEST DOOR PANEL ON THIS JOB IS 70.75" x 87.5". THE LARGEST CEILING/FLOOR PANEL ON THIS JOB IS 46" x 137.5". CUSTOMER IS TO VERIFY THAT THIS PANEL SIZE WILL NOT CONFLICT WITH ANY JOB SITE RESTRICTIONS. CUSTOMER IS TO VERIFY ALL DIMENSIONS, SECTIONS, DETAILS AND SPECIFICATIONS
140-14	ELECTRICAL DATA
	VER FOR EVAPORATOR CIRCUIT IS SUPPLIED FROM IDENSING UNIT.
*NOTE:	ADD WATTAGE FOR EACH ADDITIONAL LIGHT FIXTURE IN ACCESSORIES.

FREEZER DOOR			
DOOR FRAME KWHr/DAY	3.2	16	
COOLER DOOR			
DOOR FRAME KWHr/DAY	1.58	34	
INSULATION F	R-VALL	IES	
PANEL TYPE		COOLER	FREEZER
4" WALLS, ROOFS & DOOP	RS	R-29	R-32
5" WALLS, ROOFS & DOOI	RS	R-36	R-40
FLOORS		R-25	R-28

APPROVED							
APPROVED AS NOTED	A	9/14/18	REVISE	D WALK-IN TO NEW	LAYOUT	MS	RB
C REVISE & RESUBMIT	REV.	DATE		DESCRIPTION		REV. BY	CHK'D E
SIGNATURE					PANEL CORPORAT		
PRINT NAME		Americ	an Pa		. 78th St. Ocala,) 245-7055 Fax		
DATE		TOMER: VISION	RI III F)FRS			
awing and information contained herein are the exclusive / of American Panel Corporation. It shall be returned to	PRO	JECT:		HASE – NEW	YORK CITY	. NY	
n Panel Corporation upon demand and shall not be reproduced e or part, disclosed to anyone else, or used without the written	DATE		1	SS/PH	P.O.#:		
of American Panel Corporation.					JOB#:		SHEET 2 of 3



BASEMENT FIRE PROTECTION PLAN SCALE: 1/8"= 1'-0"

WILCOX STREET SIMSBURY, CONNECTICT 06070 PHONE: (860) 264-1628 WWW.phasezerodesign.com CLIENT: CONSULTANT: WWW.chartve Engineering CONSULTANT: INNOVATIVE ENGINEERING STATE DENGINEERING STATE UNIVERSITY OF NEW YORK WWW.purchase.edu CONSULTANT: INNOVATIVE ENGINEERING STATE DENGINEERING + DESIGN FIRM STATE DENGINEERING + DESIGN FIRM STATE DENGINEERING + DESIGN FIRM STATE UNIVERSITY OF NEW YORK WWW.purchase.edu							
SUNY PURCHASE COLLEGE	CAFE ADDITION AND RENOVATION	735 ANDERSON HILL RD PURCHASE, NY 10577					
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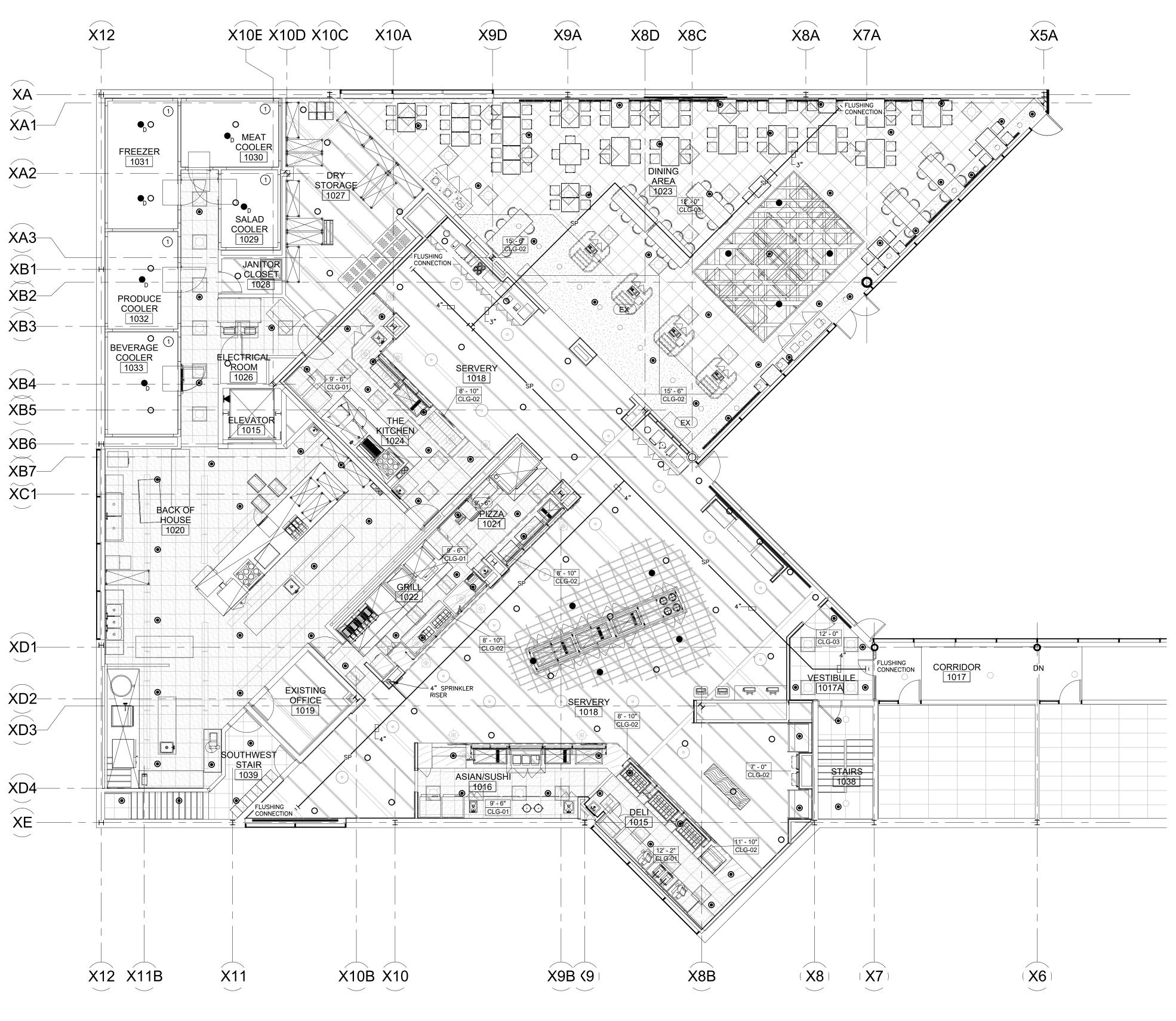
DRAWING NOTES

(1) CONTRACTOR SHALL PROVIDE FIRE PROTECTION ABOVE FREEZER EQUIPMENT AND INSIDE EQUIPMENT PER NFPA 13 REQUIREMENTS.

(2) REFER TO DETAILS FOR ADDITIONAL PIPING REQUIREMENTS.

3 CONTRACTOR SHALL FIELD VERIFY EXISTING DUCTWORK IN CEILING AND PROVIDE ADDITIONAL SPRINKLER HEADS ABOVE DUCTWORK AND BELOW DUCTWORK AS REQUIRED PER NFPA 13.

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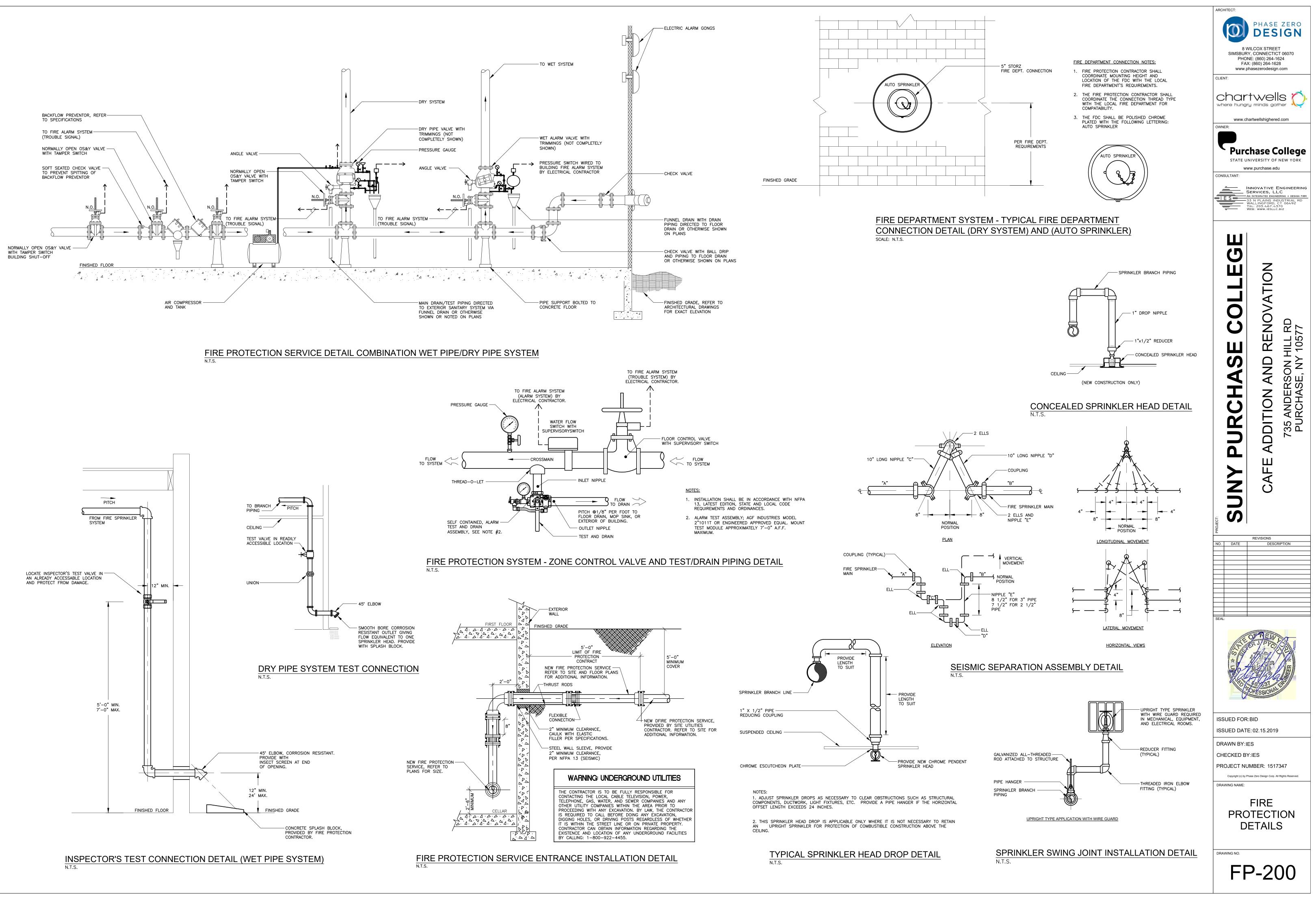


FIRST FLOOR FIRE PROTECTION PLAN SCALE: 1/8"= 1'-0"



DRAWING NOTES

(1) CONTRACTOR SHALL PROVIDE FIRE PROTECTION ABOVE FREEZER EQUIPMENT AND INSIDE EQUIPMENT PER NFPA 13 REQUIREMENTS.



FIRE PROTECTION CONSTRUCTION PROCEDURES

- 1. IT IS SOLELY THE FIRE PROTECTION CONTRACTOR'S RESPONSIBILITY TO OBTAIN APPROVAL OF SHOP DRAWINGS FROM THE OWNER'S INSURANCE CARRIER AND ALL LOCAL AUTHORITIES HAVING JURISDICTION. ANY INSTALLATION OF THE SPRINKLER SYSTEM WITHOUT APPROVED PLANS SHALL BE AT THE SOLE RISK AND EXPENSE OF THE CONTRACTOR.
- 2. THE FIRE PROTECTION CONTRACTOR MUST CONTACT THE OWNER'S CONSTRUCTION COORDINATOR AND REQUEST THE SPRINKLER MAIN TO BE ISOLATED AND/OR DRAINED. THIS PROCEDURE MUST BE ADHERED TO WHEN PRESSURE TESTING AND/OR PLACING SYSTEM IN OR OUT OF SERVICE.
- 3. THE OWNER'S CONSTRUCTION COORDINATOR AND LOCAL AUTHORITIES HAVING JURISDICTION SHALL WITNESS ALL SYSTEM PRESSURE TESTS WITH 48 HOURS NOTICE FROM THE CONTRACTOR MAKING THE TESTS.
- 4. ALL WORK SHALL MEET THE REQUIREMENTS OF NFPA STANDARDS. INSTALLATION PROCEDURES SHALL COMPLY WITH THE SAFETY RULES OF OSHA AND THE STATE OF NEW YORK.
- 5. THE FIRE PROTECTION CONTRACTOR MUST OBTAIN A HOT WORK PERMIT, PROVIDE A FIRE WATCH WHENEVER ANY WELDING IS DONE WITHIN THE AREA BEING WORKED, DURING THE WELDING OPERATION, AND FOR ONE HOUR AFTER WELDING IS COMPLETED.
- 6. NO STOCK OF FURNISHINGS SHALL BE ALLOWED IN THE AREAS BEING WORKED UNTIL THE ENTIRE SYSTEM IS COMPLETED IN ACCORDANCE WITH THE ABOVE NOTES AND APPROVED BY THE AUTHORITY HAVING JURISDICTION.
- 7. THE FIRE PROTECTION CONTRACTOR SHALL PROVIDE A MATERIAL TEST AND CERTIFICATION FORM TO ALL REQUIRED AUTHORITIES HAVING JURISDICTION AND THE OWNER'S INSURANCE CARRIER SO AS TO CERTIFY THAT THE SPRINKLER SYSTEM WAS INSTALLED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, SPECIFICATIONS, FEDERAL, STATE, AND LOCAL CODES AND PROCEDURES.
- 8. UPON COMPLETION OF SYSTEM INSTALLATION, THE FIRE PROTECTION CONTRACTOR SHALL PERFORM A HYDROSTATIC SYSTEM TEST ON ALL PIPING AND ATTACHED APPURTENANCES IN THE PRESENCE OF THE LOCAL FIRE MARSHAL. THE SYSTEM SHALL BE HYDROSTATICALLY TESTED AT A PRESSURE OF 200 PSI AND SHALL MAINTAIN THAT PRESSURE WITHOUT LOSS FOR 2 HOURS. LOSS SHALL BE DETERMINED BY A DROP IN GAUGE PRESSURE OR VISUAL LEAKAGE. THE TEST PRESSURE SHALL BE READ FROM A GAUGE LOCATED AT THE LOW ELEVATION POINT OF THE SYSTEM OR PORTION BEING TESTED. ALL TESTING THE SYSTEM SHALL BE IN ACCORDANCE WITH NFPA 13 AND NFPA 25.
- 9. SPRINKLER MODIFICATIONS AFFECTING 20 OR FEWER SPRINKLERS SHALL NOT REQUIRE HYDROSTATIC TESTING IN EXCESS OF SYSTEM WORKING PRESSURE.
- 10. WHERE ADDITION OR MODIFICATION IS MADE TO AN EXISTING SYSTEM AFFECTING MORE THAN 20 SPRINKLERS, THE NEW PORTION SHALL BE ISOLATED AND TESTED AT NOT LESS THAN 200 PSI FOR 2 HOURS.
- 11. MODIFICATIONS THAT CAN NOT BE ISOLATED, SUCH AS RELOCATED DROPS, SHALL NOT REQUIRE TESTING IN EXCESS OF SYSTEM WORKING PRESSURE.
- 12. PROVISIONS SHALL BE MADE BY THE FIRE PROTECTION CONTRACTOR FOR THE PROPER DISPOSAL OF WATER USED IN FLUSHING OR TESTING.

SPRINKLER TEMPERATURE CLASSIFICATION SCHEDULE

SPRINKLER	NORMAL SPRINKLER	CEILING TEMPERA	TURE AT SPRINKLER		FRAME	
TEMPERATURE CLASSIFICATION	TEMPERATURE RATING (FUSING POINT)	MAX. AMBIENT TEMP. ALLOWED [®] AMBIENT TEMP.		BULB ^{d.} COLOR	PAINT COLOR	
ORDINARY	135°F (57°C)	115°F (46°C)	100°F (38°C)	ORANGE	NONE	
ORDINARY	155°F (68°C)	135°F (57°C)	100°F (38°C)	RED	NONE	
INTERMEDIATE	175°F (79°C)	155°F (68°C)	150°F (65°C)	YELLOW	WHITE	
INTERMEDIATE	200°F (93°C)	180°F (82°C)	150°F (65°C)	GREEN	WHITE	
INTERMEDIATE	212°F (100°C)	192°F (88°C)	150°F (65°C)	GREEN	WHITE	
HIGH	286°F (141°C)	266°F (130°C)	225°F (107°C)	BLUE	BLUE	
EXTRA HIGH	360°F (182°C)	340°F (171°C)	300°F (149°C)	MAUVE	RED	
ULTRA HIGH ^e	500°F (260°C)	480°F (249°C)	465°F (240°C)	BLACK	ORANGE	

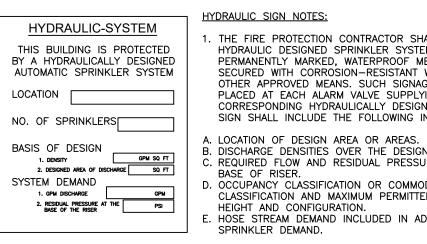
1. SPRINKLER FINISHES: BRASS, BRIGHT BRASS, POLISHED CHROME, WHITE (POLYESTER), WHITE PAINT, BLACK TEFLON, NAVAJO WHITE (PAINT)

						ç	SPR	INKL	ER HI	EAD L	EGEND				
SYM	DESCRIPTION	COVERAGE UL & FM APPROVED	METAL	TEMP	K FACT	NPT	ORIF	MFG.	MODEL#	ELEMENT	ESCUT	CONN.	RESPONSE	COMMENTS	NOTES
۲	CONCEALED PENDANT SPRINKLER	STANDARD NFPA13	BRASS	155 °	5.6	1/2"	1/2"	VIKING	VK462	GLASS BULB	WHITE	THREADED	STANDARD/ QUICK RESPONSE		1,2,4
۲	CONCEALED BARREL PENDANT DRY SPRINKLER	STANDARD NFPA13	BRASS	155 °	8.0	1"	3/4"	VIKING	VK164	GLASS BULB	WHITE OR CHROME FINISH	THREADED	QUICK RESPONSE	CONTRACTOR TO DETERMINE REQUIRED LENGTH OF SPRINKLER BARREL	1,2,4
•	PENDANT	STANDARD NFPA13	BRASS	155°	5.6	1/2"	1/2"	VIKING	VK462	GLASS BULB	PLATE COVER SEE NOTE #4	THREADED	STANDARD		2,3
● _D	DRY BARREL PENDANT SPRINKLER	STANDARD NFPA13	CHROME	155°	8.0	1"	LARGE	VIKING	VK164	GLASS BULB	CHROME FINISH	THREADED	STANDARD	PROVIDE IN REFRIGERATION EQUIPMENT	2,3,4
Ы	WET SIDEWALL	STANDARD NFPA13	BRASS	155°	5.6	1/2"	1/2"	VIKING	VK305	GLASS BULB	WHITE OR CHROME FINISH	THREADED	QUICK RESPONSE		2,3
	DRY BARREL SIDEWALL	STANDARD NFPA13	BRASS	155°	5.6	1/2"	1/2"	VIKING	VK182	GLASS BULB	WHITE OR CHROME FINISH	THREADED	QUICK RESPONSE	CONTRACTOR TO DETERMINE REQUIRED LENGTH OF SPRINKLER BARREL	2,3
_Е Ы	WET SIDEWALL EXTENDED COVERAGE	EXTENDED	BRASS	155°	8.0	1/2"	1/2"	VIKING	VK606	GLASS BULB	WHITE OR CHROME FINISH	THREADED	QUICK RESPONSE		2,3
E N	DRY BARREL SIDEWALL EXTENDED COVERAGE	EXTENDED	BRASS	155 °	8.0	3/4"	3/4"	VIKING	VK279	GLASS BULB	WHITE OR CHROME FINISH	THREADED	QUICK RESPONSE	CONTRACTOR TO DETERMINE REQUIRED LENGTH OF SPRINKLER BARREL	2,3

SPRINKLERS MAKE AND MODEL MAY BE SUBSTITUTED FOR APPROVED EQUAL.

PROVIDE GUARD IN ALL MECHANICAL ROOMS AND AREAS WHERE SPRINKLER HEAD MAY BE EXPOSED TO PHYSICAL DAMAGE. PROJECT INVOLVES DIFFERENT COLOR FINISHES ON CONCEALED SPRINKLER COVER PLATES. EXACT LOCATIONS AND FINISH ARE TO BE VERIFIED WITH OWNER AND ARCHITECT BEFORE SUBMITTING SHOP DRAWINGS.

SF	RINKLE	R PIPING SCHED	ULE	SF	FER TO DRAW ECIFICATIONS	
PIPING SYSTEM	SIZE RANGE	PIPE MATERIALS	JOINTS	FITTINGS	INSULATION	Ś
WATER SERVICE PIPING (WS / F)	4" - 8"	STEEL, SCH 40, ASTM A135	FLANGED	FLANGED 300#	N/A	
WET SPRINKLER / STANDPIPE	2" DN	STEEL, SCH 40, ASTM A135	THREADED	150# MALLEABLE-IRON	N/A	RE
PIPING (WSP/WST – WSP)	2 1/2 UP	STEEL, SCH 10, ASTM A135	GROOVED	VICTAULIC STYLE 77 (FLEXIBLE)	N/A	SC SF
DRY SPRINKLER	2" DN	GALVANIZED, STEEL, SCH 40,	THREADED	150# MALLEABLE-IRON	N/A	
PIPING (DSP)	2 1/2 UP	GALVANIZED, STEEL, SCH 40,	GROOVED	VICTAULIC STYLE 77 (FLEXIBLE)	N/A	



HYDRAULIC SYSTEM SIGNAGE DETAIL N.T.S.

SS, SCHEDULES AND ADDITIONAL SHUTOFF VALVES REFER TO DRAWINGS, CHEDULES AND SPECIFICATIONS

THE FIRE PROTECTION CONTRACTOR SHALL IDENTIFY EACH HYDRAULIC DESIGNED SPRINKLER SYSTEM WITH A PERMANENTLY MARKED, WATERPROOF METAL SIGN SECURED WITH CORROSION-RESISTANT WIRE, CHAIN OR OTHER APPROVED MEANS. SUCH SIGNAGE SHALL BE PLACED AT EACH ALARM VALVE SUPPLYING THE CORRESPONDING HYDRAULICALLY DESIGNED AREA. THE SIGN SHALL INCLUDE THE FOLLOWING INFORMATION:

DISCHARGE DENSITIES OVER THE DESIGN AREA OR AREAS. REQUIRED FLOW AND RESIDUAL PRESSURE DEMAND AT 0. OCCUPANCY CLASSIFICATION OR COMMODITY CLASSIFICATION AND MAXIMUM PERMITTED STORAGE . HOSE STREAM DEMAND INCLUDED IN ADDITION TO THE

ABBREVIATIONS ABOVE FINISH FLOOR BACKFLOW PREVENTER DOUBLE CHECK VALVE ELEVATION FLOW SWITCH FIRE DEPARTMENT CONNECTION CAGE GUARD (SPRINKLER) GALLONS PER MINUTE LOW PRESSURE SWITCH NOT IN CONTRACT POUNDS PER SQUARE INCH SUPERVISORY SWITCH TAMPER SWITCH TYPICAL VERIFY IN FIELD

AFF

BFP

DCV

ELEV

FDC

GPM

LPS

PSI

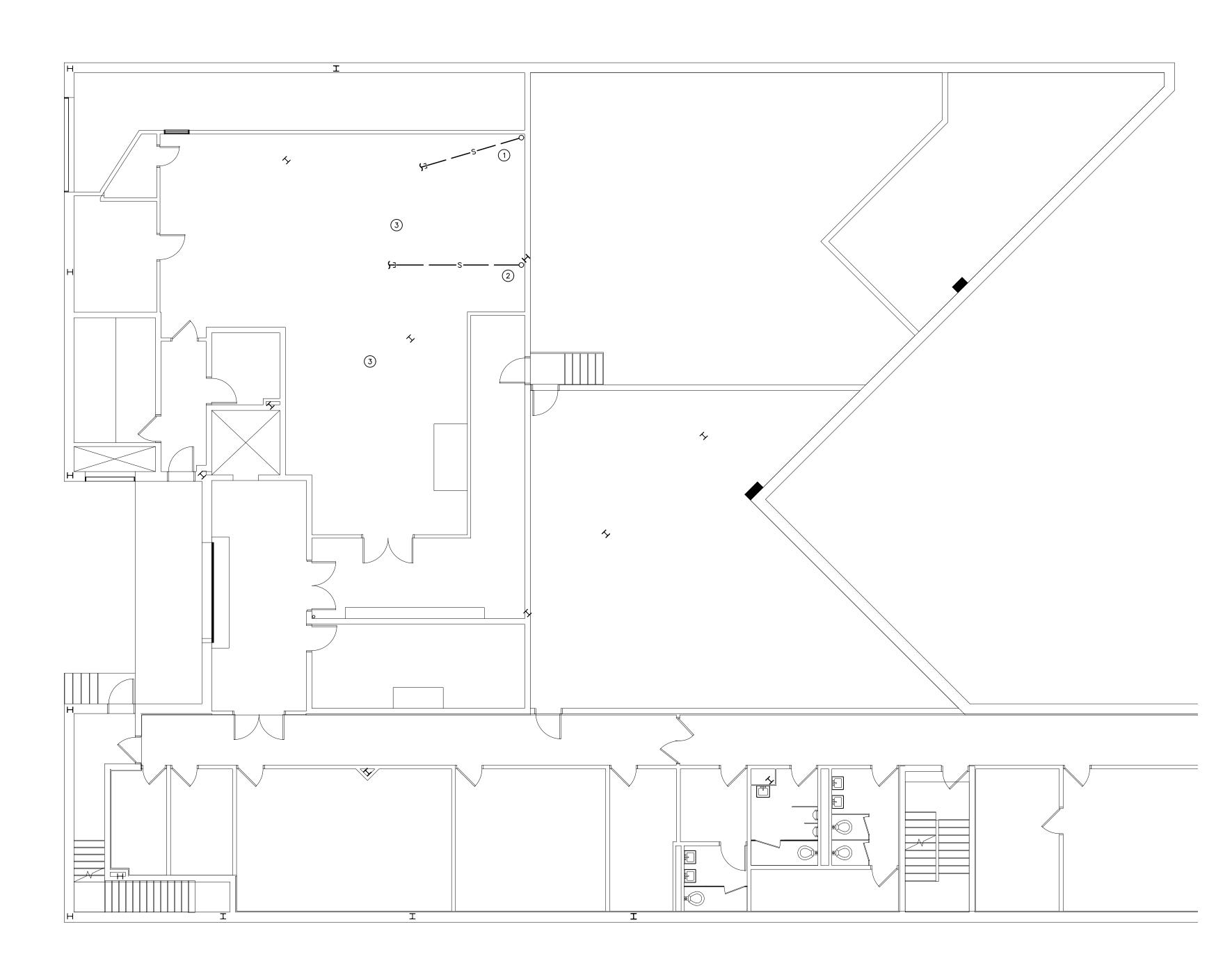
FIRE PROTECTION PIPING LEGEND							
	FLOW DIRECTION						
——F	FIRE LINE						
— — F — —	FIRE SERVICE BURIED						
SP	WET SPRINKLER SYSTEM						
DRY	DRY PIPE SPRINKLER SYSTEM						
D	DRAIN PIPING						
FDC	FIRE DEPARTMENT CONNECTION SUPPLY						
G	PIPE DOWN						
o	PIPE UP						
 ;	PIPE DROP						
ı 	FLUSHING CONNECTION						
[PLUGGED OR CAPPED PIPE						

FIRE	PROTECTION SYMBOL LEGEND
۲	CONCEALED SPRINKLER
•	PENDANT SPRINKLER
Ø	UPRIGHT SPRINKLER WITH GUARD
0	UPRIGHT SPRINKLER
M	DRY SIDEWALL SPRINKLER
Ы	WET SIDEWALL SPRINKLER
A	ALARM CHECK VALVE RISER ASSEMBLY
D	DRY PIPE VALVE RISER ASSEMBLY
F.S. q	SPRINKLER FLOW SWITCH
	VALVE IN PIPE DROP
≮0 *	VALVE IN PIPE RISER
_ 5	OUTSIDE SCREW & YOKE GATE VALVE (SUPERVISED)(OS&Y)
N N N	GATE VALVE
•	BALL VALVE
Ū.	BUTTERFLY VALVE
Ņ	CHECK VALVE
	BACKFLOW PREVENTER (DOUBLE CHECK TYPE)
ST	STORZ FIRE DEPARTMENT CONNECTION W/ CAP & CHAIN
Ŷ	PRESSURE GAUGE
$\overline{\frown}$	ELECTRIC ALARM BELL
	WATER MOTOR GONG
-\$	THRUST BLOCK
ZCV	ZONE CONTROL VALVE ASSEMBLY (ASSEMBLY CONSISTS OF: BUTTERFLY VALVE W/TAMPER, FLOW SWITCH, AND SELF—CONTAINED TEST AND DRAIN UNIT)
₩	TEST & DRAIN ASSEMBLY

FIRE PROTECTION GENERAL NOTES

- THESE GENERAL NOTES ARE APPLICABLE TO ALL FIRE PROTECTION DRAWINGS.
- . DRAWINGS ARE DIAGRAMMATIC AND SHOW THE GENERAL INTENT OF WORK, SEE DETAILS, RISERS, AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- THE DRAWINGS INDICATE A SUGGESTED SPRINKLER HEAD LAYOUT AND THAT EACH AREA IS COVERED BY SPRINKLER PROTECTION AS REQUIRED PER CODE. THE SPRINKLER QUANTITIES SHALL NOT BE COUNTED, AS A TAKE OFF OR AS EXACT LOCATIONS. REFER TO NFPA 13 FOR EXACT SPACING, DENSITY, AND LOCATION REQUIREMENTS.
- . SPRINKLERS IN FINISHED CEILING AREAS SHALL ALWAYS BE LOCATED IN THE CENTER OF CEILING TILES UNLESS INDICATED OTHERWISE.
- . THE FIRE PROTECTION CONTRACTOR SHALL REVIEW THE ARCHITECTURAL REFLECTED CEILING PLANS AS PART OF THIS CONTRACT FOR ADDITIONAL INFORMATION SUCH AS CEILING HEIGHTS, TYPES, SOFFITS AND OR OTHER DEVICE LOCATIONS.
- . THE FIRE PROTECTION CONTRACTOR SHALL REVIEW THE ELECTRICAL DIVISION DRAWINGS AND COORDINATE THE FIRE PROTECTION WORK WITH LOCATIONS OF LIGHTS, AND CEILING MOUNTED DEVICES WHICH MAY INTERFERE WITH SPRINKLER HEAD LOCATIONS OR SPRAY PATTERNS.
- . THE FIRE PROTECTION CONTRACTOR SHALL REVIEW THE HVAC DIVISION DRAWINGS AND COORDINATE THE FIRE PROTECTION WORK WITH LOCATIONS OF CEILING MOUNTED DEVICES SUCH AS DIFFUSERS, GRILLS REGISTORS, AND ALSO THE LOCATIONS OF HEAT PRODUCING EQUIPMENT AND DUCTWORK REQUIRING SPRINKLER PROTECTION BELOW IT.
- 8. THE FIRE PROTECTION CONTRACTOR SHALL PROVIDE PIPE EXPANSION JOINTS ALL BUILDING EXPANSION JOINT LOCATIONS AND EXPANSION LOOPS AT ALL BUILDING EXPANSION/SEISMIC JOINT LOCATIONS AS REQUIRED PER NFPA 13 AND BUILDING CODES. REVIEW ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR EXACT LOCATIONS OF EXPANSION AND SEISMIC JOINTS.
- 9. THE FIRE PROTECTION CONTRACTOR SHALL INSTALL ALL PIPING EQUIPMENT AND ACCESSORIES IN ACCORDANCE WITH THE LATEST STATE BUILDING CODE AND LOCAL AUTHORITIES HAVING JURISDICTION. COORDINATION BETWEEN TRADES IS REQUIRED TO INSURE COMPLIANCE WITH THE GOVERNING CODES.
- 10. ALL PIPING, EQUIPMENT OR ACCESSORIES INSTALLED IN PLENUM RATED CEILINGS SHALL BE LISTED AND APPROVED FOR SUCH INSTALLATION.





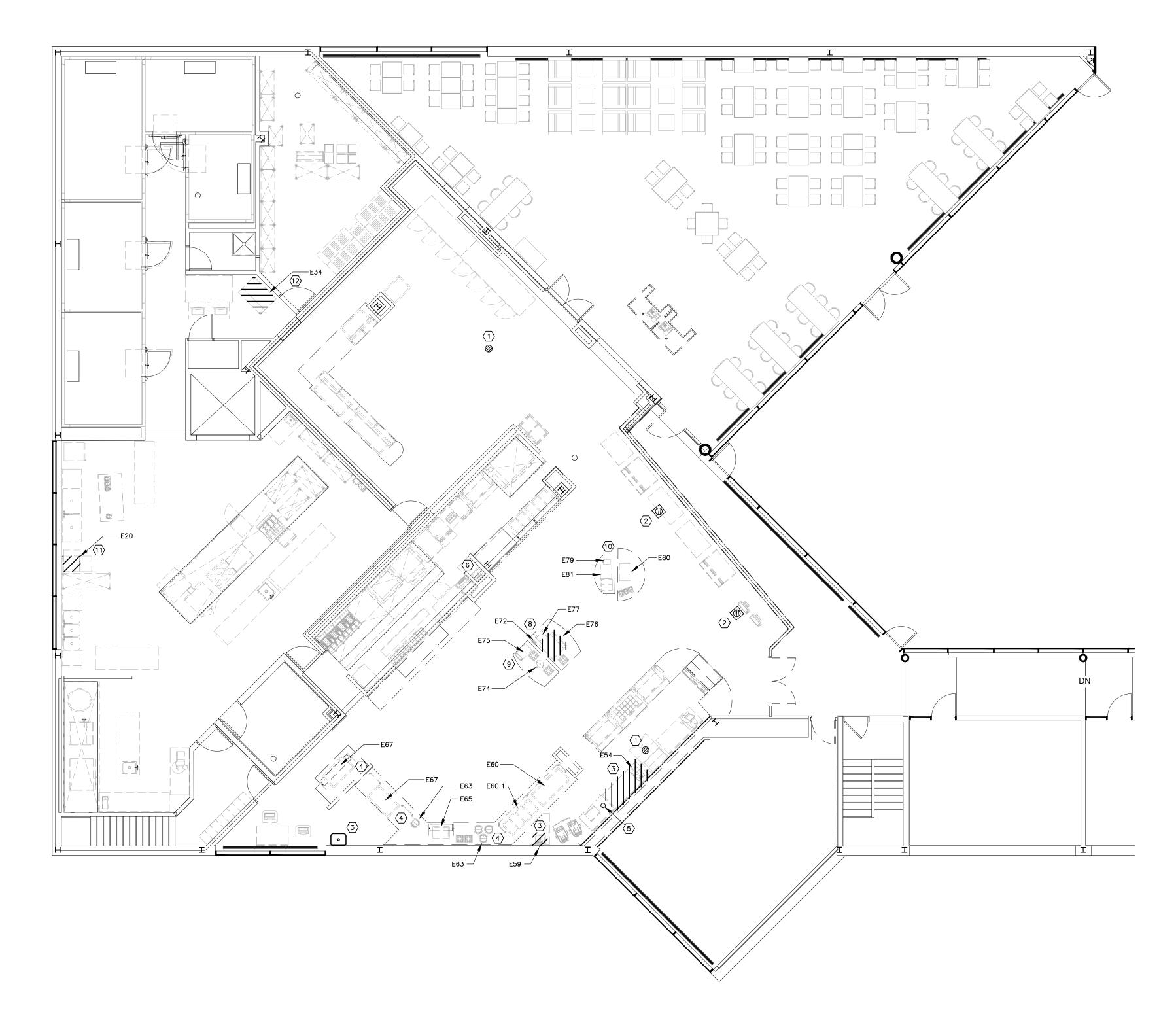
BASEMENT PLUMBING DEMOLITION PLAN

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



PLUMBING DEMOLITION NOTES

- 1 contractor shall repair existing broken sanitary piping below slab. Field verify existing conditions.
- FIELD VERIFY EXISTING CONDITIONS.
 (2) EXISTING SANITARY PIPING SHALL REMAIN
- 3 CONTRACTOR SHALL DISCONNECT AND REMOVE ALL ABANDONED PLUMBING SERVICE ABOVE CEILING BACK TO THE MAINS AND CAP FOR FUTURE CONNECTIONS. CONTRACTOR SHALL FILED VERIFY ALL CONDITIONS.



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

ITEM NO E17 E67 E72 E74 E75 E77 E79 E80 E81 E114 E115 E116

	EXISTING FIXTURES AND EQUIPMENT TO BE DEMOLISHED							
ITEM NO	QTY	DESCRIPTION	EQUIPMENT REMARKS					
E17.1	3	COFFEE SHUTTLE	EXISTING TO BE DEMOLISHED					
E20	1	UNDERCOUNTER DISHWASHER	EXISTING TO BE DEMOLISHED					
E34	1	ICE CUBE MACHINE	EXISTING TO BE DEMOLISHED					
E59	1	HAND SINK	EXISTING TO BE DEMOLISHED					
E60	1	COLD PAN	EXISTING TO BE DEMOLISHED					
E63	4	SOUP WELL, DROP-IN, INDUCTION	EXISTING TO BE DEMOLISHED					
E65	1	COLD PAN	EXISTING TO BE DEMOLISHED					
E76	1	PEPSI SODA DISPENSER	EXISTING TO BE DEMOLISHED					

FIRST FLOOR PLUMBING DEMOLITION PLAN

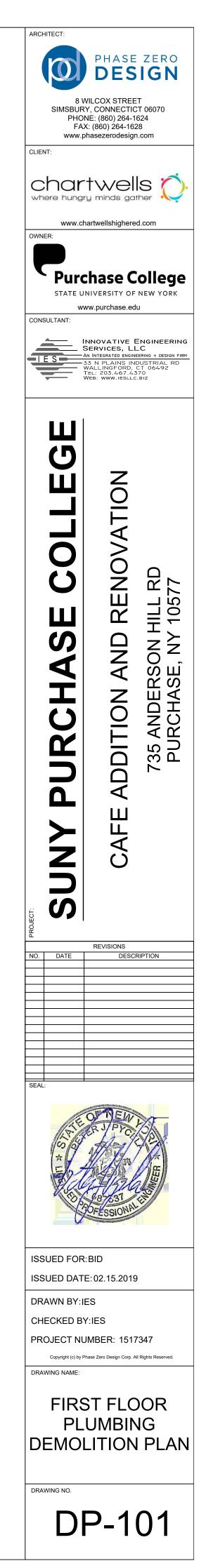
PLUMBING DEMOLITION NOTES

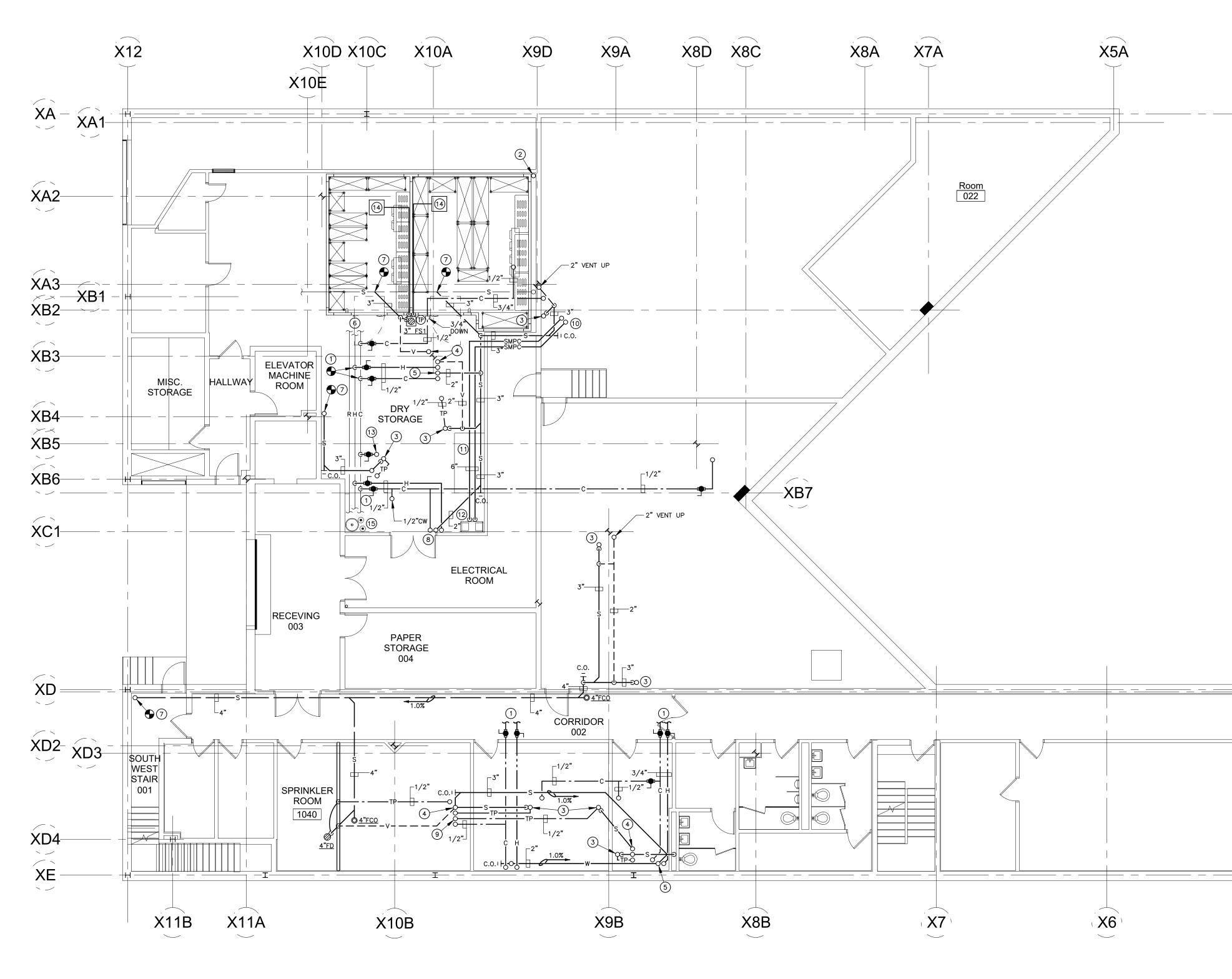
 $\langle 1 \rangle$ contractor shall remove existing floor drain, sanitary piping, and vent piping back to main and cap off, down to slab below. CONTRACTOR SHALL REMOVE EXISTING FLOOR SINK, SANITARY PIPING, AND VENT PIPING BACK TO MAINS DOWN TO SLAB BELOW AND ABOVE CEILING, CAP OFF.

- 3 CONTRACTOR SHALL DISCONNECT EXISTING SINK, REMOVE SANITARY, VENT, HOT WATER AND COLD WATER PIPING BACK TO MAINS ABOVE CEILING AND BELOW FLOOR, PROVIDE VALVES WITH CAPS FOR FUTURE CONNECTIONS AT MAINS. REFER TO EXISTING FIXTURE AND EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION ON THIS DRAWING.
- $\langle 4 \rangle$ contractor shall disconnect existing plumbing piping to equipment and remove from cabinetry back to source in basement and cap OFF
- 5 CONTRACTOR SHALL REPLACE EXISTING VENT PIPING UP THROUGH ROOF WITH NEW 4"VENT PIPING. COORDINATE WITH ROOFING CONTRACTOR FOR PATCHING OF ROOF.
- $\langle 6 \rangle$ EXISTING HAND SINK SHALL REMAIN, CONTRACTOR SHALL PROTECT FIXTURE DURING CONSTRUCTION.
- $\langle 7 \rangle$ contractor shall remove existing floor drain and CAP sanitary piping below floor for future connection of new floor sink.
- 8 CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING WATER FILTER SYSTEM AND DOMESTIC WATER PIPING BACK TO MAINS, VALVE AND CAP OFF FROM ICE MACHINES.
- GONTRACTOR SHALL DISCONNECT EXISTING COFFEE BREWER, REMOVE DOMESTIC WATER PIPING FROM EQUIPMENT AND REMOVE PLUMBING PIPING IN WALL AND CAP BELOW AT BASEMENT LEVEL.
- (10) CONTRACTOR SHALL COORDINATE WITH EQUIPMENT FOOD VENDOR ON DISCONNECTING AND REMOVAL OF EQUIPMENT WITH ACCESSORIES. REMOVE ALL PLUMBING SERVICES DOWN TO BASEMENT LEVEL AND VALVE AND CAP ALL PLUMBING SERVICES BACK TO MAINS.
- (1) CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING DISHWASHER. CAP EXISTING PLBG SERVICES FROM EQUIPMENT BACK TO WALL FOR FUTURE CONNECTION OF NEW EQUIPMENT.
- (12) CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING ICE MACHINE. CAP EXISTING PLBG SERVICES FROM EQUIPMENT BACK TO WALL FOR FUTURE CONNECTION OF NEW EQUIPMENT.

EXISTING EQUIPMENT TO BE RELOCATED

QTY	DESCRIPTION	EQUIPMENT REMARKS
4	COFFEE SHUTTLE	EXISTING TO BE RELOCATED
2	COLD PAN	EXISTING TO BE RELOCATED
2	WATER FILTER SYSTEM	EXISTING TO BE RELOCATED
1	TEA URN	EXISTING TO BE RELOCATED
1	CAPPUCCINO DISPENSER	EXISTING TO BE RELOCATED
1	BEVERAGE DISPENSER	EXISTING TO BE RELOCATED
1	HOT WATER DISPENSER	EXISTING TO BE RELOCATED
1	MILK DISPENSER	EXISTING TO BE RELOCATED
1	THERMAL COFFEE BREWER, DOUBLE	EXISTING TO BE RELOCATED
1	HOT/COLD WELL, DROP-IN	EXISTING TO BE RELOCATED
1	HOT/COLD WELL, DROP-IN	EXISTING TO BE RELOCATED
1	HOT/COLD WELL, DROP-IN	EXISTING TO BE RELOCATED
	4 2 1 1 1 1 1 1 1 1 1 1 1 1	4 COFFEE SHUTTLE 2 COLD PAN 2 WATER FILTER SYSTEM 1 TEA URN 1 CAPPUCCINO DISPENSER 1 BEVERAGE DISPENSER 1 HOT WATER DISPENSER 1 HOT WATER DISPENSER 1 MILK DISPENSER 1 THERMAL COFFEE BREWER, DOUBLE 1 HOT/COLD WELL, DROP-IN 1 HOT/COLD WELL, DROP-IN





BASEMENT PLUMBING PLAN

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

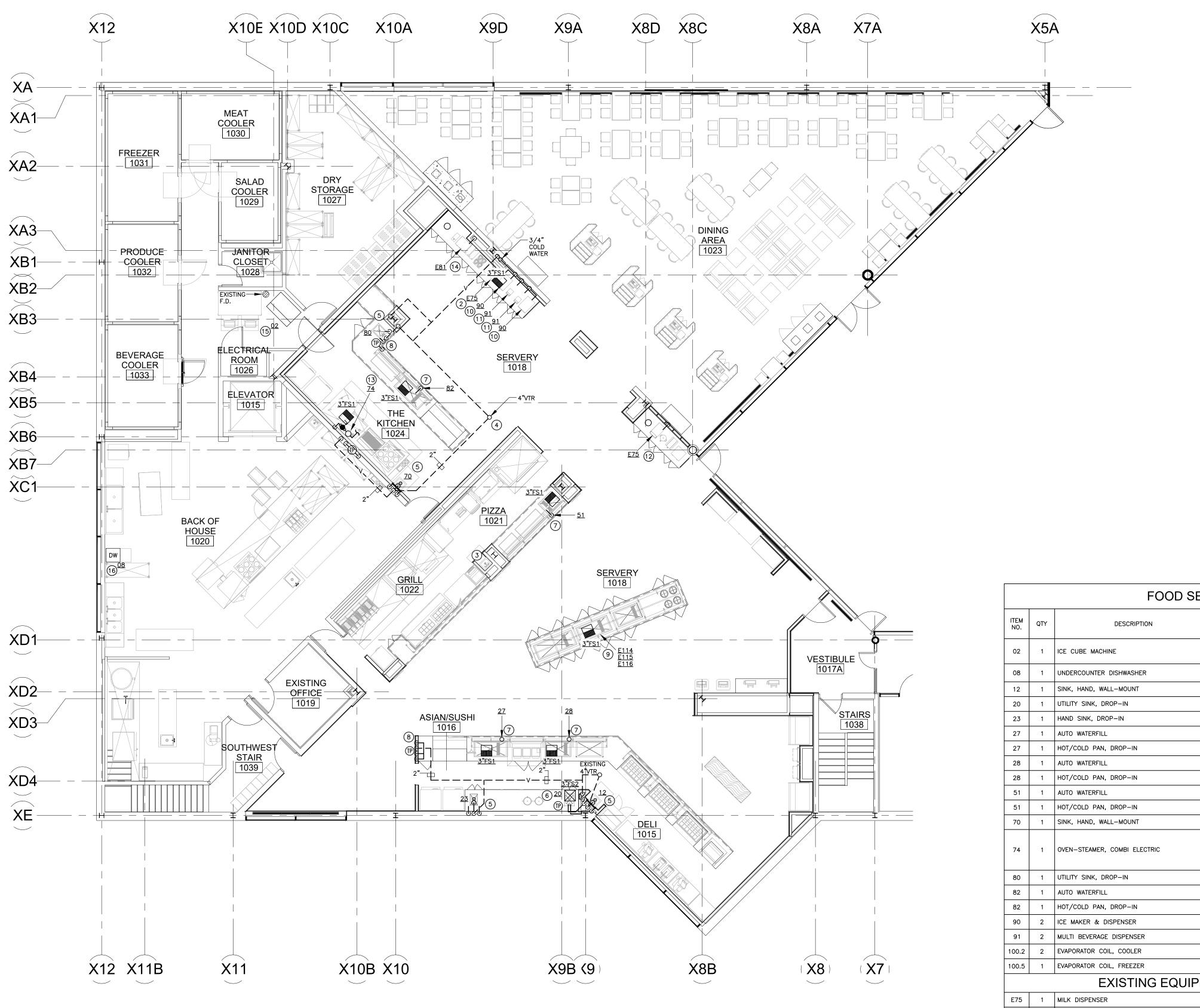


PLUMBING DRAWING NOTES

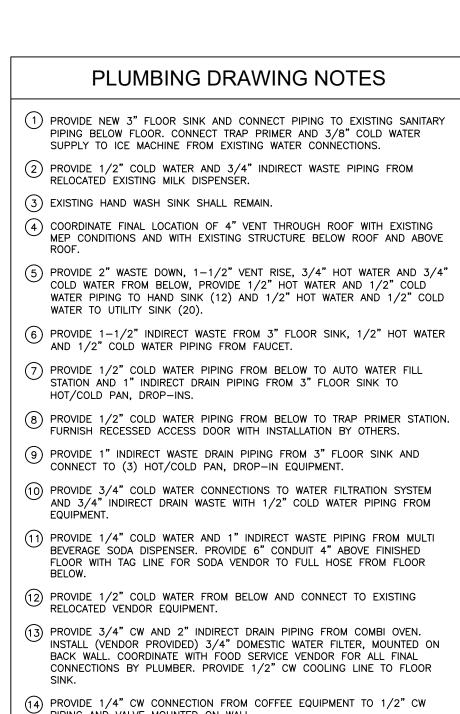
1 CONNECT NEW HOT WATER AND COLD WATER PIPING TO EXISTING DOMESTIC WATER MAINS. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND COORDINATE WITH OWNER FACILITIES PERSONNEL FOR FINAL CONNECTIONS.

- (2) CONTRACTOR SHALL REPLACE WITH NEW, EXISTING SANITARY MAIN ABOVE AND BELOW FLOOR BEFORE REFRIGERATION EQUIPMENT IS INSTALLED.
- (3) provide new 3" sanitary piping from floor sink above.
- (4) PROVIDE 2" VENT UP THROUGH FLOOR ABOVE.
- (5) PROVIDE 2" WASTE, 3/4" HOT AND COLD WATER PIPING FROM SINK ABOVE.
- (6) EXISTING DOMESTIC WATER PIPING MAINS.
- 7 CONNECT NEW SANITARY PIPING TO EXISTING. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS.
- (8) PROVIDE 2" WASTE, 1/2" HOT AND COLD WATER PIPING FROM SINK ABOVE.
- (9) provide 1/2" trap primer piping from control value above.
- (10) PROVIDE (2) 6" SODA MACHINE PIPING CONDUITS UP THROUGH FLOOR TO EQUIPMENT ABOVE.
- $\overbrace{(1)}^{(1)}$ contractor shall provide (2) 6" soda machine piping conduits as high as possible.
- (12) PROVIDE (2) 6" SODA MACHINE PIPING CONDUITS DOWN TO EQUIPMENT. COORDINATE WITH VENDOR FOR FINAL LOCATIONS.
- (13) PROVIDE 3/4" CW PIPING FROM WATER FILTER STATION ABOVE.
- 14) PROVIDE 3/4" CONDENSATE DRAIN PIPING FROM EVAPORATOR COOLER COIL TO INDIRECT DRAIN OF FLOOR SINK. COORDINATE WITH FOOD SERVICE VENDOR ON FINAL LOCATION OF EQUIPMENT.
- (15) EXISTING CO2 TANKS SHALL REMAIN. VENDOR EQUIPMENT.

ES Projects\2018 Projects\Team PJP\18171 SUNY Purchase The Hub\Contract Documents\18171 P-101.dwg Plotted by mmaurer on Feb 15, 2019 - 11:38



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



- PIPING AND VALVE MOUNTED ON WALL.
 PROVIDE COORDINATION AND PLUMBING PIPING WITH VENDOR SUPPLIED ICE MACHINE EQUIPMENT. REFER TO FOOD SERVICE EQUIPMENT SCHEDULE FOR
- ADDITIONAL INFORMATION. (16) PROVIDE COORDINATION AND PLUMBING PIPING WITH VENDOR SUPPLIED DISHWASHER EQUIPMENT. CONNECT TO EXISTING DOMESTIC WATER AND WASTE PIPING ON BACKWALL BEHIND EQUIPMENT.

E81

E116 1

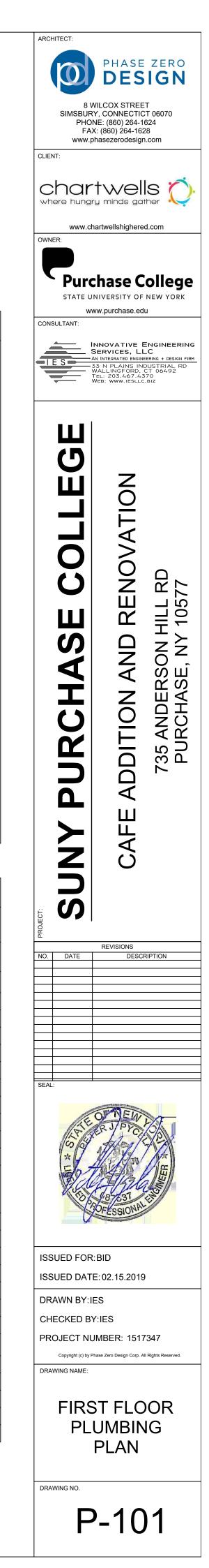
THERMAL COFFEE BREWER, DOUBLE

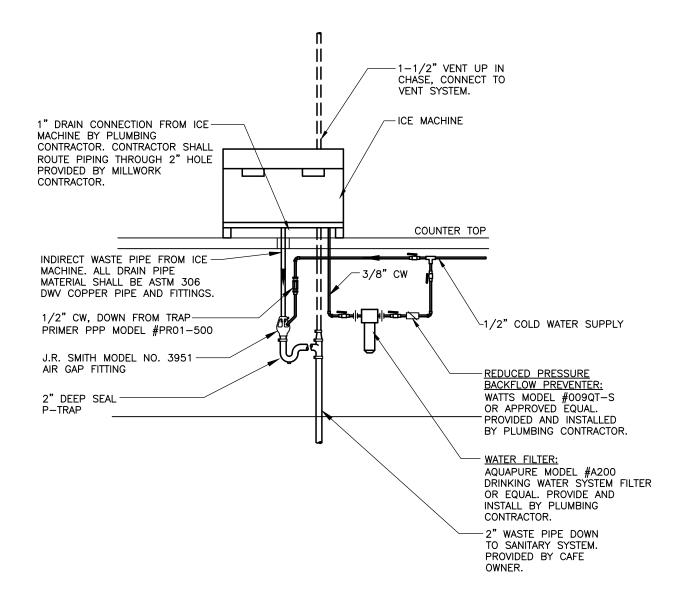
HOT/COLD PAN, DROP-IN

E114 1 HOT/COLD PAN, DROP-IN

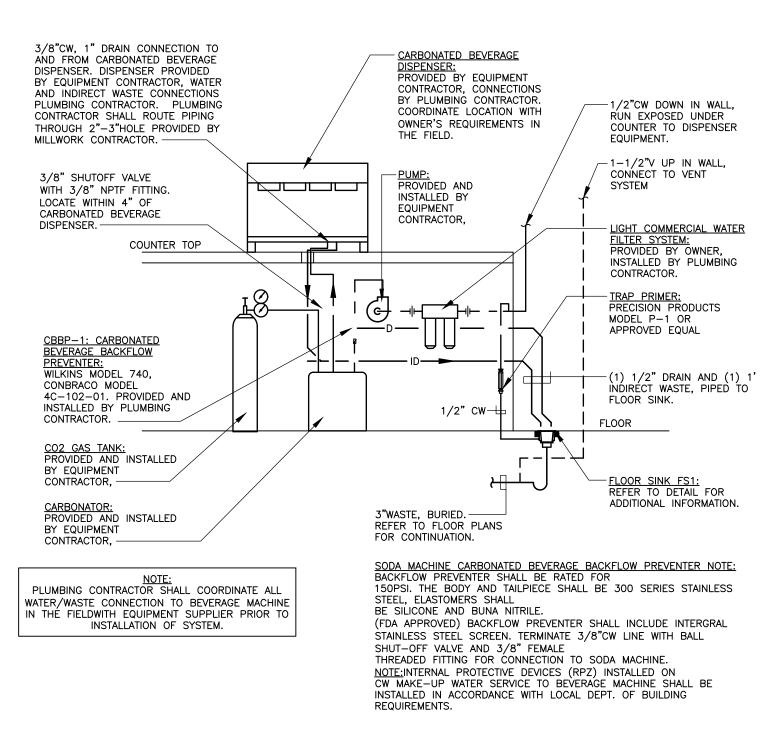
E115 1 HOT/COLD PAN, DROP-IN

	CW SIZE	CW AFF	HW SIZE	HW AFF	DW SIZE	DW AFF	IW SIZE	IW TYPE	PLUMBING REMARKS
	3/8"	18"			1/2"	14"	3/4"	FD	DRAIN LINE SHALL BE ROUTED TO EXISTING DRAIN. PROVIDE 1/2" CW FROM EXISTING PLBG PIPING SERVICES IN JANITOR SINK ROOM
	3/4"	14"					1 1/2"		CONNECT TO EXISTING HW & WASTE PIPING BEHIND EQUIPMENT
	1/2"	14"	1/2"	14"	1-1/2"	12"			
	1/2"	14"	1/2"	14"			1-1/2"	FS	
	1/2"	14"	1/2"	14"	1-1/2"	12"			
	1/2"	14"							
							1"	FS	DRAIN SHUT-OFF VALVE
	1/2"	14"							ISOLATION VALVE
							1"	FS	DRAIN SHUT-OFF VALVE
	1/2"	14"							
							1"	FS	DRAIN SHUT-OFF VALVE
	1/2"	14"	1/2"	14"	1-1/2"	12"			
	3/4"	14"					2"	FS	WATER SUPPLY 25-85 PSI. 1st & 3rd WATER ARE FOR STEAM GENERATORS, 2nd & 4th FOR CONDENSERS. CONNECT DRAIN TO HIGH TEMP. PIPING. PROVIDE 1/2" AQUASTAT & SOLENOID VALVE WITH 1/2" CW PIPING TO FLOOR SINK
	1/2"	14"	1/2"	14"			1-1/2"	FS	
	1/2"	14"							
							1"	FS	DRAIN SHUT-OFF VALVE
	1/2"	14"					3/4"	FS	WATER FILTRATION SYSTEM
	1/4"	14"					1"	FS	
							3/4"	FD	
							3/4"	FD	
PMI	ENT	RELC	CAT	ED F	ROM	DEM	IOLITI	ON E	DRAWINGS
	1/4"	14"					3/4"	FS	DRAIN LINE SHALL BE ROUTED TO FLOOR SINK
	1/4"	14"							ESTIMATED UTILITIES - FIELD VERIFY
							1"	FS	DRAIN SHUT-OFF VALVE
							1"	FS	DRAIN SHUT-OFF VALVE
							1"	FS	DRAIN SHUT-OFF VALVE
			I	I			I		1

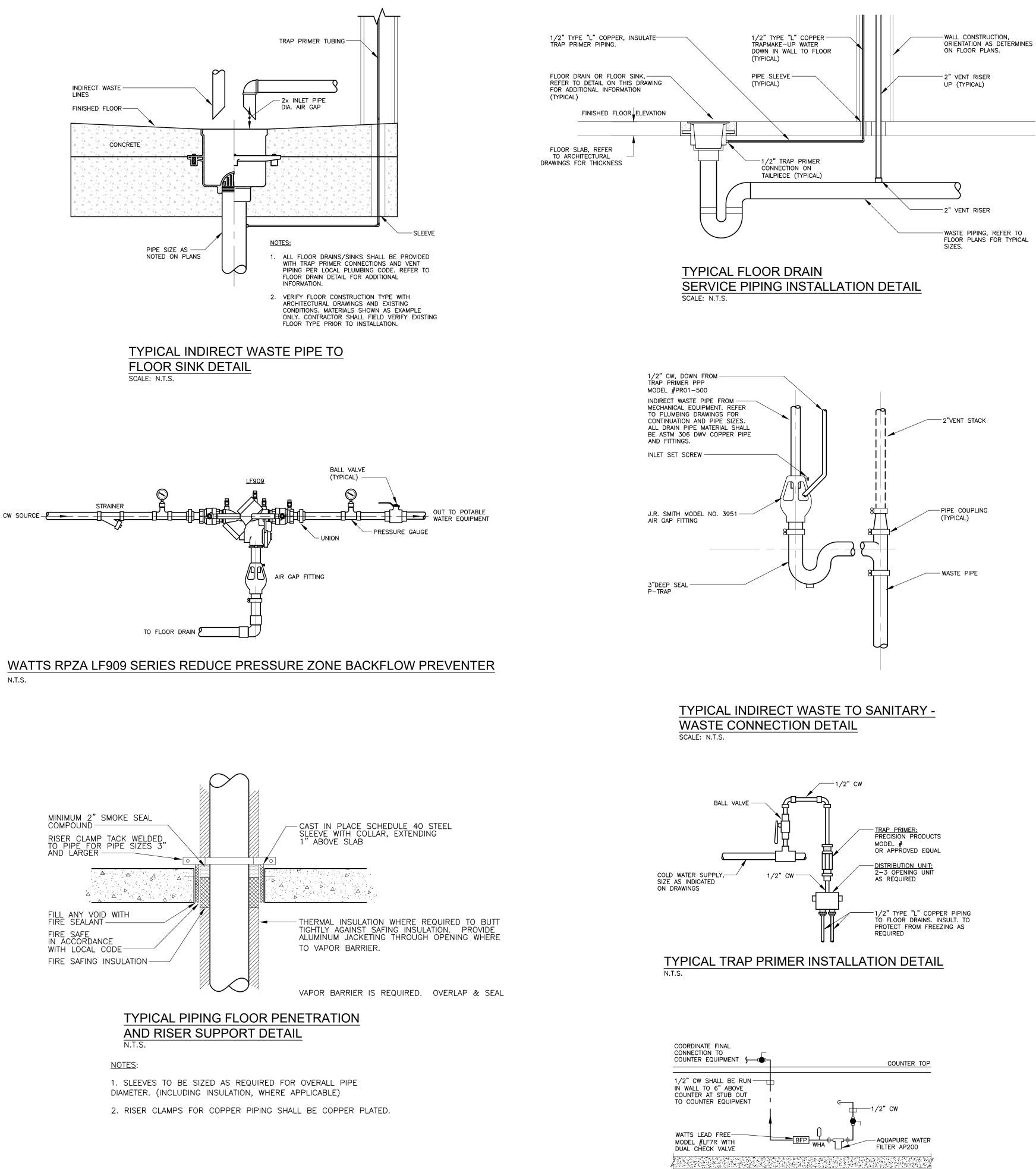






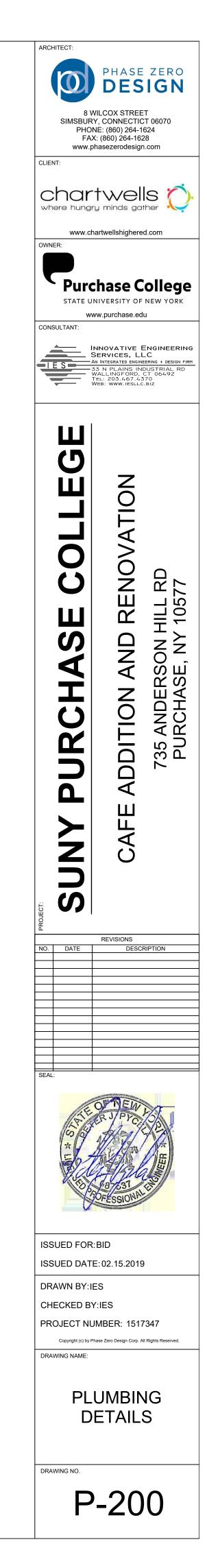


TYPICAL CARBONATED BEVERAGE SYSTEM CONNECTION DETAIL N.T.S.



SCALE: N.T.S.

TYPICAL COUNTER EQUIPMENT WATER SUPPLY DETAIL



	PLUMBING DRAIN SPECIALTIES SCHEDULE									
SYMBOL	FIXTURE TYPE	MANUFACTURER/ MODEL NUMBER	DESCRIPTION	ACCESSORIES AND TRIM	REMARKS					
<u>FC01</u>	FLOOR CLEANOUT	JR SMITH MODEL # 4021S-PB	FLOOR CLEANOUT: DUCO CAST IRON BODY WITH FLASHING CLAMP, ADJUSTABLE SCORIATED POLISHED BRONZE TOP, BRONZE PLUG.	_	# 1					
FD	FLOOR DRAIN	JR SMITH MODEL # 2131Y-B-P050	FLOOR DRAIN: DUCO CAST IRON BODY WITH FLASHING COLLAR, CAST IRON TRACTOR GRATE	SEDIMENT BUCKET, TRAP PRIMER CONNECTION	# 1,2					
<u>FLS1</u>	FLOOR SINK	JR SMITH MODEL # 3100Y-12	FLOOR SINK: 8 1/2" SQUARE, 6" DEEP FLOOR SINK, WELD CONNECTION, LOOSE SET HALF GRATE, DOME BOTTOM STRAINER, SEDIMENT BUCKET.	TRAP PRIMER CONNECTION	# 1,2					
FLS2	FLOOR SINK	JR SMITH MODEL # 3100Y-12	FLOOR SINK: 8 1/2" SQUARE, 6" DEEP FLOOR SINK, WELD CONNECTION, LOOSE SET FULL GRATE, DOME BOTTOM STRAINER, SEDIMENT BUCKET.	TRAP PRIMER CONNECTION	# 1,2					
<u>FLS3</u>	FLOOR SINK	JR SMITH MODEL # 3100Y-12	FLOOR SINK: 8 1/2" SQUARE, 6" DEEP FLOOR SINK, WELD CONNECTION, LOOSE SET OPEN GRATE, DOME BOTTOM STRAINER, SEDIMENT BUCKET.	TRAP PRIMER CONNECTION	# 1,2					

REMARKS:

1. REFER TO FLOOR PLANS FOR SIZES.

2. PROVIDE WITH TRAP PRIMER TP1 UNLESS NOTED OTHERWISE.

3. ALL FLOOR DRAINS AND SINKS NOTED ON DRAWINGS SHALL BE PROVIDED WITH A FUNNEL.

SYMBOL	FIXTURE TYPE	MANUFACTURER/ MODEL NUMBER	DESCRIPTION	ACCESSORIES AND TRIM	REMARKS
DCV1	DOUBLE CHECK VALVE	WATTS MODEL # UP TO 2" LF007 2" AND OVER LF709	DOUBLE CHECK VALVE: ASSE 1015, LEAD FREE DOUBLE CHECK VALVE ASSEMBLY, CENTER STEM GUIDING, CHECK CAPTURED SPRING, ACCESSIBLE THROUGH A BOLTED COVER. REPLACEABLE SEATS WITHOUT SPECIAL TOOLS.	SHUT-OFF VALVES, STRAINER, TEST COCKS	#1,2
RPBP1	REDUCED PRESSURE BACKFLOW PREVENTER	WATTS MODEL # UP TO 1" LF909 1 ¼" TO 2" LF909M1 2 ½" AND OVER LF909	REDUCED PRESSURE BACKFLOW PREVENTER: ASSE 1013, LEAD FREE REDUCED PRESSURE ZONE ASSEMBLY, PRESSURE DIFFERENTIAL RELIEF VALVE BETWEEN TWO POSITIVE SEATING CHECK VALVES.	SHUT-OFF VALVES, AIR GAP FITTING, STRAINER, TEST COCKS.	#1,2,4,5
IP	TRAP PRIMER	PPP MODEL # PR01-500	TRAP PRIMER: CORROSION RESISTANT BRASS.	DISTRIBUTION UNIT	# 2,3
WHA	WATER HAMMER ARRESTOR	PPP MODEL # SC-500A	WATER_HAMMER ARRESTOR: CORROSION RESISTANT BRASS	_	# 4

1. REFER TO FLOOR PLANS FOR SIZES.

2. PROVIDE ISOLATION VALVE ON WATER SUPPLY. 3. PROVIDE WITH DISTRIBUTION UNIT FOR SERVING MULTIPLE FLOOR DRAINS.

4. PROVIDE AIR GAP FITTING AND PIPE DRAIN TO NEAREST FLOOR DRAIN.

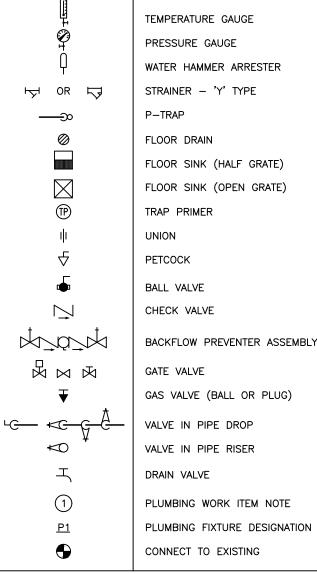
5. MOUNT MAX OF 5'-0" ABOVE FINISHED FLOOR.

	PIPING & MATERIALS SCHEDULE										
PIPING SYSTEM	SIZE	PIPING MATERIALS	JOINTS	FITTINGS	ADDITIONAL COMMENTS						
DOMESTIC HOT, COLD & RETURN WATER PIPING	1/2" – 2"	HARD COPPER TUBE: ASTM B 88, TYPE L WATER TUBE, DRAWN TEMPER	SOLDER FILLER METALS: ASTM B 32, LEAD-FREE ALLOYS	WROUGHT-COPPER SOLDER-JOINT FITTINGS: ASME B16.22, WROUGHT-COPPER PRESSURE FITTINGS	PROVIDE 1" INSULATION ON ALL CW, HW & HWR PIPING IN ALL AREAS						
DOMESTIC HOT, COLD & RETURN WATER PIPING (BELOW SLAB)	1/2" – 2"	SOFT COPPER TUB: ATM B88, TYPE K, WATER TUB, DRAWN TEMPER	NO JOINTS UNDER GROUND IF POSSIBLE: IF REQUIRED FLARED JOINTS ARE ACCEPTABLE	CAST BRONZE FLARED FITTINGS	PROVIDE 1/2" INSULATION ON ALL CW & HW PIPING IN ALL AREAS. PROVIDE PVC SLEEVES FOR ALL PIPING UNDER SLAB BETWEEN WALL AND DENTAL EQUIPMENT						
ABOVE GROUND SOIL, WASTE, VENT & STORM	ALL	HUBLESS, CAST-IRON PIPE AND FITTINGS: ASTM A 888 OR CISPI 301	HUBLESS HEAVY DUTY COUPLINGS, ASTM C 1540	ASTM A 888 OR CISPI 301	PROVIDE 1" INSULATION INTERIOR STORM PIPING (NEW & EXISTING)						
INDIRECT DRAIN PIPING	ALL	COPPER L TUBE: ASTM B 88, DRAINAGE TUBE, DRAWN TEMPER	SOLDERED JOINTS: ASTM B 813, WATER — FLUSHABLE FLUX TO END OF TUBE	ASME B16.22, WROUGHT-DWV COPPER PRESSURE FITTINGS	-						

PLUMBING PIPING LEGEND

C	COLD WATER
——H——— ———	HOT WATER
R	HOT WATER RECIRCULATION
-SMPC	SODA MACHINE PIPING CO
	WASTE, SANITARY OR SOIL
	WASTE, SANITARY, SOIL BU
TP	TRAP PRIMER WATER LINE
	VENT
	DIRECTION OF FLOW
/////	EXISTING PIPING TO BE R
C	PIPE DOWN
	PIPE DROP
o	PIPE RISE
——————————————————————————————————————	PIPE ANCHOR
<u>=</u>	PIPE GUIDE or SLEEVE
	PIPE EXPANSION FITTING (
	VIBRATION ISOLATION FITTI
E	PLUGGED OR CAPPED PIP
	CLEANOUT
O	FLOOR CLEANOUT

PLUMBING SYMBOL LEGEND



ION CONDUIT URIED

REMOVED

GAT BLDG. EXP.JOINTS) TING

BACKFLOW PREVENTER ASSEMBLY (RPD W/ DRAIN PIPING)

	ABBREVIATIONS
AFF BFP C, CW CO CTE FD FS G GPM H, HW HWR IW INV. ELEV. NIC RPD S SS SAN SMPC TP TYP V VS VIF VTR W WS WCO WHA	ABOVE FINISHED FLOOR BACKFLOW PREVENTER DEVICE COLD WATER CLEANOUT CONNECT TO EXISTING FLOOR DRAIN FLOOR SINK GAS GALLONS PER MINUTE HOT WATER HOT WATER RECIRCULATION INDIRECT WASTE INVERT ELEVATION NOT IN CONTRACT REDUCED PRESSURE BACKFLOW PREVENTER SOIL SOIL STACK SANITARY SODA MACHINE PIPING CONDUIT TRAP PRIMER TYPICAL VENT VENT VENT STACK VERIFY IN FIELD VENT THRU ROOF WASTE WASTE STACK WALL CLEANOUT WATER HAMMER ARRESTOR

PLUMBING DEMOLITION NOTES

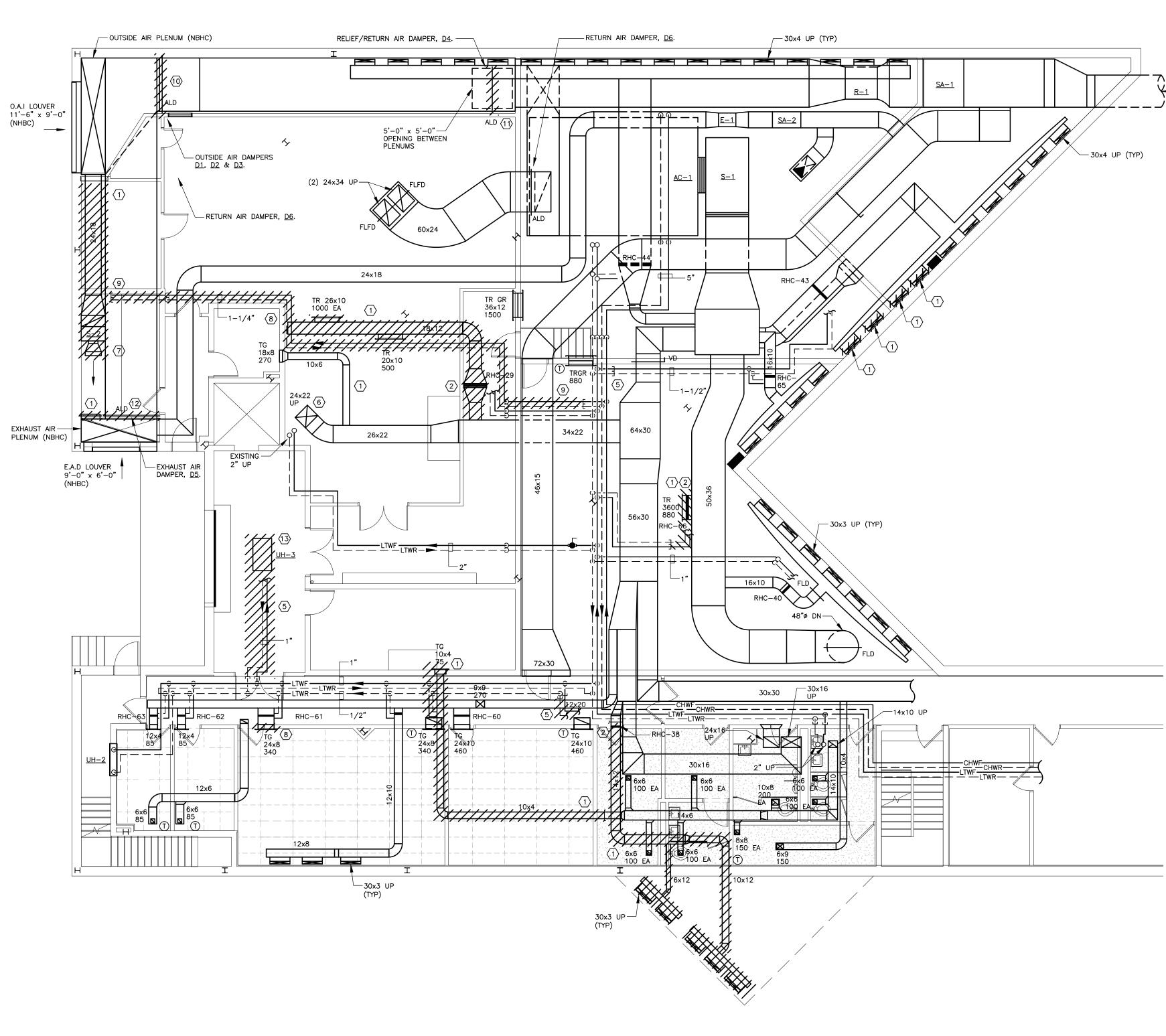
- ALL PIPING TO BE REMOVED SHALL BE REMOVED COMPLETELY OR AS OTHERWISE SHOWN OR INDICATED ON DRAWINGS. ALL PIPE HANGERS, SLEEVES, RISER CLAMPS, ETC. SHALL BE REMOVED COMPLETELY WITH PIPING. NO EXISTING HANGER SYSTEMS SHALL BE REUSED FOR NEW PIPING
- 2. ALL PIPING TO BE REMOVED SHALL BE REMOVED TO BELOW FLOOR, ABOVE CEILING OR IN WALLS BACK TO MAINS OR SHUT OFF VALVES AT MAINS AND PROPERLY CAPPED PER CODE WITHOUT LEAVING DEAD ENDED PIPING.
- NO EQUIPMENT OR DEVICES THAT HAVE BEEN DISCONNECTED AND OR ABANDONED SHALL REMAIN. 4. ALL EXISTING PIPING AND EQUIPMENT SHOWN HAS BEEN TAKEN FROM THE BEST AVAILABLE EXISTING INFORMATION. THE DRAWINGS ARE DIAGRAMMATIC AND ALL FIXTURES, PIPING, AND DEVICES MAY NOT BE SHOWN. THE INTENT OF THESE DRAWINGS IS THAT IN ALL AREAS OF
- RENOVATION THAT THEY ARE REMOVED, WHETHER OR NOT SHOWN. 5. THE PLUMBING CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE EXISTING SYSTEMS AND CONDITIONS IN AREAS OF
- RENOVATION. 6. ANY SYSTEMS OR EQUIPMENT TO REMAIN ACTIVE DURING RENOVATION SHALL BE KEPT IN OPERATION BY PROVIDING TEMPORARY PIPING CONNECTIONS AS REQUIRED UNTIL NEW SYSTEMS ARE INSTALLED AND OPERATIONAL.
- THE PLUMBING CONTRACTOR SHALL COORDINATE WITH THE OWNER, CM, AND OR GENERAL CONTRACTOR ANY AND ALL PHASING OF THE PLUMBING DEMOLITION WORK IN ORDER TO SATISFY THE CONSTRUCTION SCHEDULE AND OWNERS OCCUPANCY REQUIREMENTS.
- 8. ANY FIXTURE OR EQUIPMENT TO BE REMOVED AND REUSED OR TURNED OVER TO THE OWNER, AT OWNERS REQUEST, OR AS INDICATED ON THE DRAWINGS SHALL BE CAREFULLY REMOVED AND STORED TO PREVENT DAMAGE
- 9. THE PLUMBING CONTRACTOR SHALL ALSO REVIEW THE ARCHITECTURAL DEMOLITION DRAWINGS AS PART OF THIS CONTRACT FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- 10. ALL SERVICE INTERRUPTIONS SHALL BE COORDINATED AND APPROVED WITH THE OWNER IN ADVANCE PRIOR TO COMMENCEMENT OF ANY
- WORK. 11. THE PLUMBING CONTRACTOR SHALL COORDINATE HIS DEMOLITION WORK WITH THAT OF OTHER TRADES IN ORDER TO AVOID CONFLICTS.

PLUMBING GENERAL NOTES

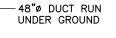
- THESE GENERAL NOTES ARE APPLICABLE TO ALL PLUMBING DRAWINGS. DRAWINGS ARE DIAGRAMMATIC AND SHOW GENERAL INTENT OF WORK, SEE DETAILS, SCHEDULES AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- 3. PLUMBING CONTRACTOR MUST REVIEW DRAWINGS OF THE OTHER TRADES AS PART OF THIS CONTRACT FOR ADDITIONAL WORK REQUIRED AND OR COORDINATION OF HIS WORK FOR OPERATIONS OR CONNECTIONS TO OTHER SYSTEMS.
- 4. THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF FOOD SERVICE AND OR KITCHEN EQUIPMENT PLUMBING ACCESSORIES FURNISHED BY DIVISION 11, INCLUDING BUT NOT LIMITED TO: FAUCETS, VACUUM BREAKERS, SOLENOIDS, PRESSURE REDUCING VALVES, GAS SUPPLY HOSES, DRAINS, SINK TAILPIECES, AND OTHER TRIM SUPPLIED WITH EQUIPMENT. THE PLUMBING CONTRACTOR MUST REVIEW THE KITCHEN DESIGN DOCUMENTS AND SPECIFICATIONS AS PART OF THIS CONTRACT FOR ADDITIONAL WORK AND OR COORDINATION REQUIRED.
- 5. THE PLUMBING CONTRACTOR SHALL PROVIDE PIPE EXPANSION JOINTS ON PIPING PASSING THRU ALL BUILDING EXPANSION JOINT LOCATIONS AS REQUIRED PER BUILDING CODES WHETHER OR NOT SHOWN ON DRAWINGS. REVIEW ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR EXACT BUILDING EXPANSION JOINT LOCATIONS AND EXPANSION DIMENSIONS.
- 6. THE PLUMBING CONTRACTOR SHALL INSTALL ALL PIPING EQUIPMENT AND ACCESSORIES IN ACCORDANCE WITH THE LATEST STATE BUILDING CODE AND LOCAL AUTHORITIES HAVING JURISDICTION. COORDINATION BETWEEN TRADES IS REQUIRED TO INSURE COMPLIANCE WITH THE GOVERNING CODES.
- 7. ALL PIPING, EQUIPMENT OR ACCESSORIES INSTALLED IN PLENUM RATED CEILINGS SHALL BE LISTED AND APPROVED FOR SUCH INSTALLATION.





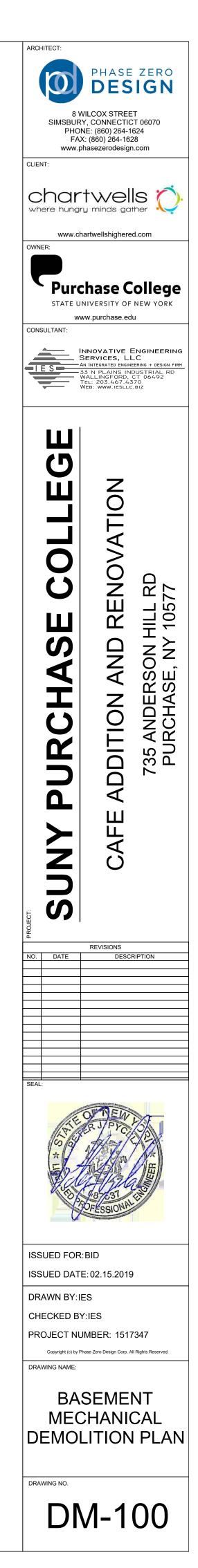


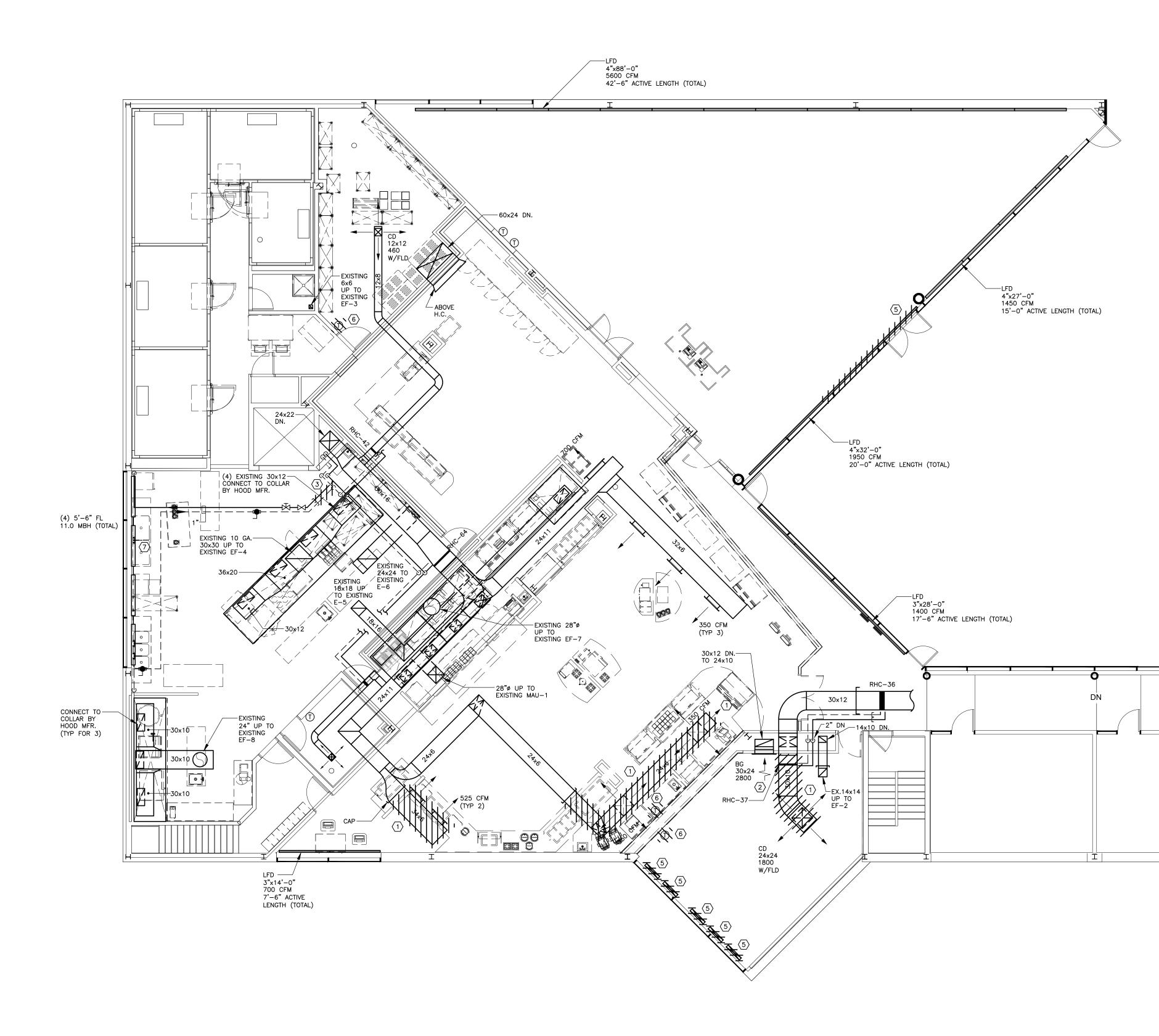
BASEMENT MECHANICAL DEMOLITION PLAN SCALE: 1/8"= 1'-0"



DEMOLITION DRAWING NOTES

- (1) REMOVE EXISTING DUCTWORK AND DUCTWORK ACCESSORIES AS SHOWN BY HATCH. CAP AS SHOWN.
- 2 EXISTING REHEAT COIL TO BE RELOCATED. DISCONNECT FROM DUCTWORK AND HOT WATER PIPING. RETAIN EXISTING PNEUMATIC CONTROL VALVE. COIL SHALL BE CLEANED AND PREPARED FOR RE-USE.
- 3 REMOVE EXISTING HOT WATER PIPING AS SHOWN BY HATCH. EXISTING PIPING RISERS TO BE REMOVED UP TO FIRST FLOOR. CAP AS SHOWN. SEE DRAWING DM101 FOR CONTINUATION.
- $\overleftarrow{\rm 4}$ existing reheat coil and associated accessories to be removed. Remove piping back to main and cap.
- 5 EXISTING HOT WATER PIPING TO BE REMOVED AS SHOWN HATCHED. CAP PIPING AS SHOWN.
- $\overleftarrow{6}$ existing duct riser to be removed up to first floor. See drawing dm101 for continuation.
- (7) EXISTING FAN AND ALL ASSOCIATED ACCESSORIES TO BE REMOVED.
 (8) EXISTING SUPPLY/EXHAUST GRILLE TO BE RELOCATED. DISCONNECT FROM DUCTWORK, CLEAN GRILLE AND PREPARE FOR RE-USE.
- (9) EXISTING CHILLED WATER PIPING AND ACCESSORIES TO BE REMOVED. DISCONNECT FROM EXISTING CHILLED WATER COIL, REMOVE PIPING BACK TO MAIN AND CAP AS SHOWN.
- (10) EXISTING PNEUMATIC OUTSIDE AIR DAMPERS, D1, D2 & D3, AND ASSOCIATED ACTUATORS TO BE REMOVED AS SHOWN HATCHED. PREPARE AREA FOR INSTALLATION OF NEW AUTOMATIC OUTSIDE AIR DAMPERS.
- (1) EXISTING PNEUMATIC RELIEF/RETURN AIR DAMPER, D4, AND ASSOCIATED ACTUATOR TO BE REMOVED AS SHOWN HATCHED. PREPARE AREA FOR INSTALLATION OF NEW AUTOMATIC RELIEF/RETURN AIR DAMPER.
- EXISTING PNEUMATIC EXHAUST AIR DAMPER, D5, AND ASSOCIATED ACTUATOR TO BE REMOVED AS SHOWN HATCHED. PREPARE AREA FOR INSTALLATION OF NEW AUTOMATIC EXHAUST AIR DAMPER.
- (13) EXISTING UNIT HEATER AND ASSOCIATED ACCESSORIES TO BE REMOVED. REMOVE PIPING BACK TO MAIN AND CAP.





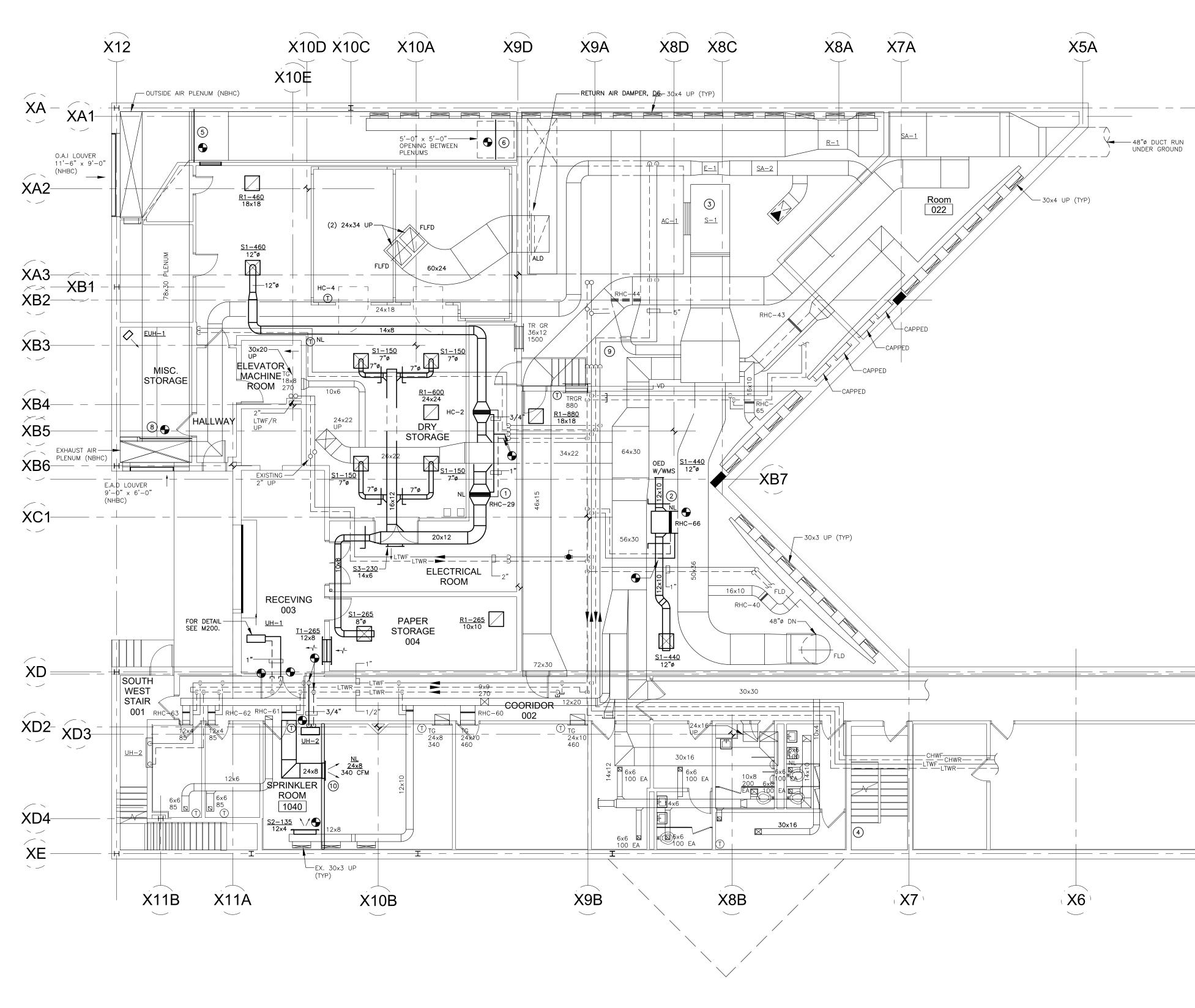


FIRST FLOOR MECHANICAL DEMOLITION PLAN SCALE: 1/8"= 1'-0"

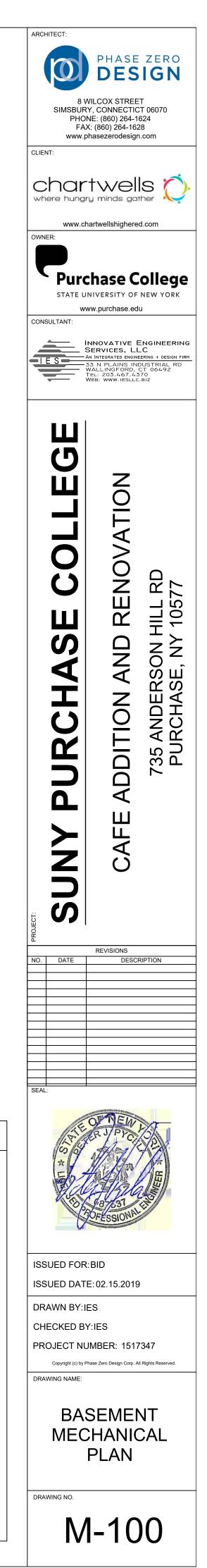
DEMOLITION DRAWING NOTES

- $\fbox{1}$ remove existing ductwork and ductwork accessories as shown by hatch. Cap as shown.
- (2) EXISTING REHEAT COIL TO BE RELOCATED. DISCONNECT FROM DUCTWORK AND HOT WATER PIPING. RETAIN EXISTING PNEUMATIC CONTROL VALVE. COIL SHALL BE CLEANED AND PREPARED FOR RE-USE. SEE CONSTRUCTION PLAN FOR NEW LOCATION.
- (3) REMOVE EXISTING HOT WATER PIPING AS SHOWN BY HATCH. EXISTING PIPING RISERS TO BE REMOVED DOWN TO BASEMENT. CAP AS SHOWN. SEE DRAWING DM100 FOR CONTINUATION.
- $\overleftarrow{4}$ existing reheat coil and associated accessories to be removed. Remove piping back to main and cap.
- $\overline{(5)}$ EXISTING DUCT RISER(S) TO BE REMOVED DOWN TO BASEMENT. SEE DRAWING DM100 FOR CONTINUATION.
- $\overbrace{6}$ EXISTING THERMOSTAT TO BE RELOCATED. SEE CONSTRUCTION PLAN FOR NEW LOCATION.
- $\langle 7 \rangle$ EXISTING PERIMETER RADIATION TO REMAIN. CLEAN EXISTING FINNED TUBE AND ENCLOSURE. ENCLOSURE TO BE RE-PAINTED. COLOR BY ARCHITECT.





BASEMENT MECHANICAL PLAN SCALE: 1/8"= 1'-0"



MECHANICAL CONSTRUCTION NOTES

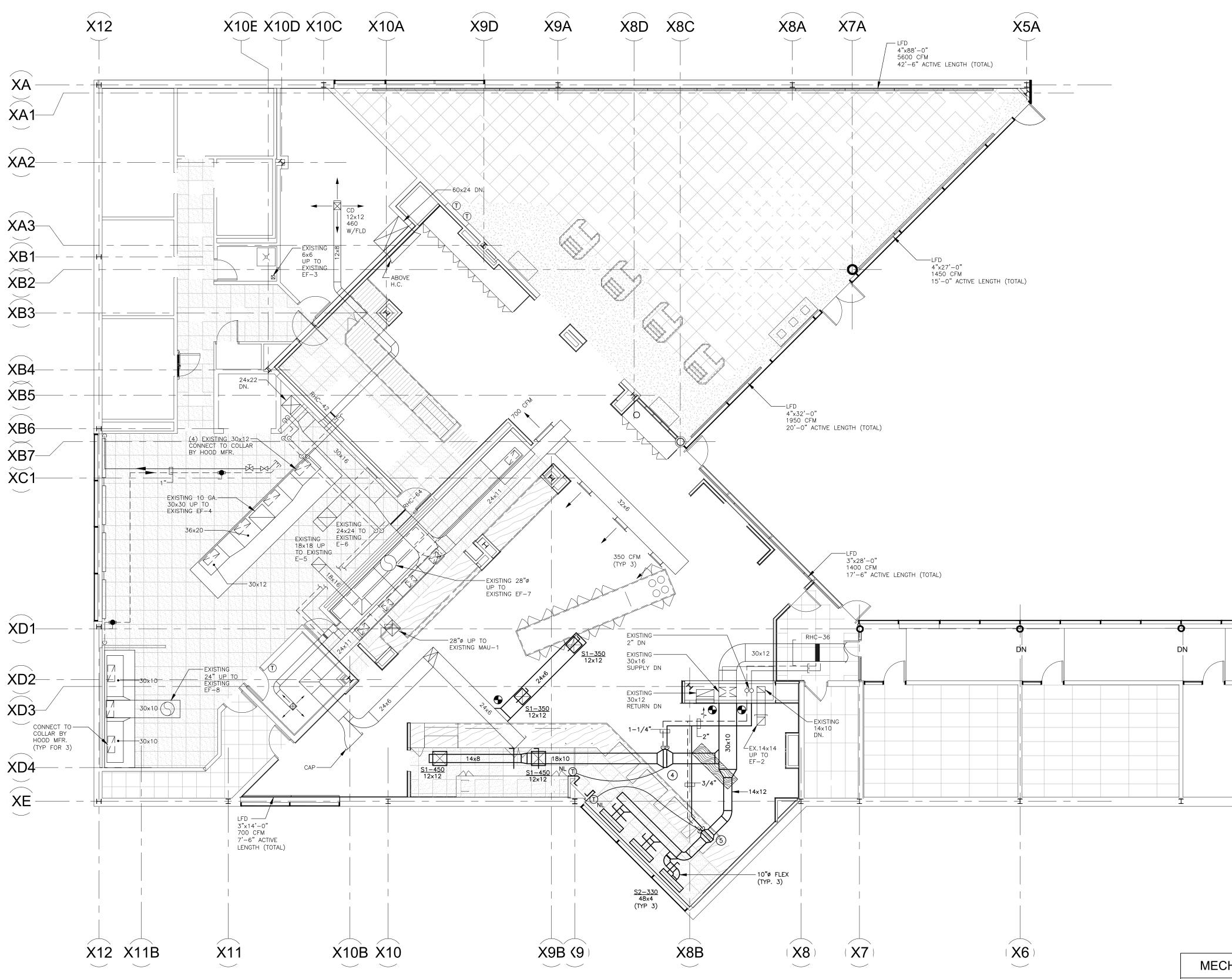
— 48"Ø DUCT RUN

UNDER GROUND

- 1 EXISTING REHEAT COIL, RHC-29. RECONNECT USING EXISTING PNEUMATIC CONTROL VALVE. CONTRACTOR TO FIELD VERIFY OPERATION OF EXISTING VALVE. REPLACE AS REQUIRED. FOR HOT WATER COIL INSTALLATION DETAIL, SEE M-200.
- 2 EXISTING REHEAT COIL, RHC-66. RECONNECT USING EXISTING PNEUMATIC CONTROL VALVE. CONTRACTOR TO FIELD VERIFY OPERATION OF EXISTING VALVE. REPLACE AS REQUIRED. FOR HOT WATER COIL INSTALLATION DETAIL, SEE M-200.
- (3) EXISTING AIR HANDLING UNIT SHALL BE RE-BALANCED TO 25% OUTSIDE AIR. CONTRACTOR TO COORDINATE OPERATION OF ALL REQUIRED AUTOMATIC AIR DAMPERS WITH EXISTING HVAC BUILDING MANAGEMENT SYSTEM AND CONTROLS.
- (4) CONTRACTOR SHALL PROVIDE TURNING VANES FOR ALL 90 DEGREE DUCTWORK ELBOWS.
- (5) NEW OUTSIDE AIR DAMPERS, D1, D2 & D3, COMPLETE WITH PNEUMATIC ACTUATORS. CONTRACTOR TO COORDINATE WITH EXISTING BUILDING MANAGEMENT SYSTEM.
- 6 NEW RELIEF/RETURN AIR DAMPER, D4, COMPLETE WITH PNEUMATIC ACTUATOR. CONTRACTOR TO COORDINATE WITH EXISTING BUILDING MANAGEMENT SYSTEM.
- 7 NEW RETURN AIR DAMPER, D6, COMPLETE WITH PNEUMATIC ACTUATOR. CONTRACTOR TO COORDINATE WITH EXISTING BUILDING MANAGEMENT SYSTEM.
- 8 NEW EXHAUST AIR DAMPER, D5, COMPLETE WITH PNEUMATIC ACTUATOR. CONTRACTOR TO COORDINATE WITH EXISTING BUILDING MANAGEMENT SYSTEM.
- ADD ALTERNATE #1: PROVIDE NEW CHILLED WATER BOOSTER PUMP, CHWP-1, WITH REQUIRED SUPPORTS, ISOLATION, PIPING & PIPING SPECIALTIES, VFD, AND DIFFERENTIAL PRESSURE SENSOR. CONTRACTOR TO VERIFY OPERATION OF EXISTING PNEUMATIC, TWO-WAY CHILLED WATER COIL CONTROL VALVE. DIFFERENTIAL PRESSURE SENSOR SHALL BE INSTALLED DESCUMPED AND EXISTING CONTROL VALVE DESCUMPE AND DESCUMPED AND EXISTING CONTROL VALVE. BETWEEN PUMP DISCHARGE AND EXISTING CONTROL VALVE. PROVIDE ALL REQUIRED ACCESSORIES TO ACHIEVE A COMPLETE WORKING SYSTEM. CHILLED WATER PUMP, VFD AND DIFFERENTIAL PRESSURE SENSOR SHALL ACT AS NEW STAND ALONE DDC SYSTEM. CONTRACTOR SHALL REMOVE AND RECONNECT TO EXISTING CHILLED WATER PIPING AS REQUIRED. SEE MECHANICAL SCHEDULES DRAWING M204 FOR PUMP SCHEDULE. FOR INSTALLATION DETAIL, SEE DRAWING M201.

(1) EXISTING WALL MOUNTED SUPPLY REGISTER. EXTEND BRANCH SUPPLY DUCT TO SUIT.

S Projects\2018 Projects\Team PJP\18171 SUNY Purchase The Hub\Contract Documents\18171 M-101.dwg Plotted by mmaurer on Feb 15, 2019 - 11:38ar



FIRST FLOOR MECHANICAL PLAN

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



MECHANICAL CONSTRUCTION NOTES

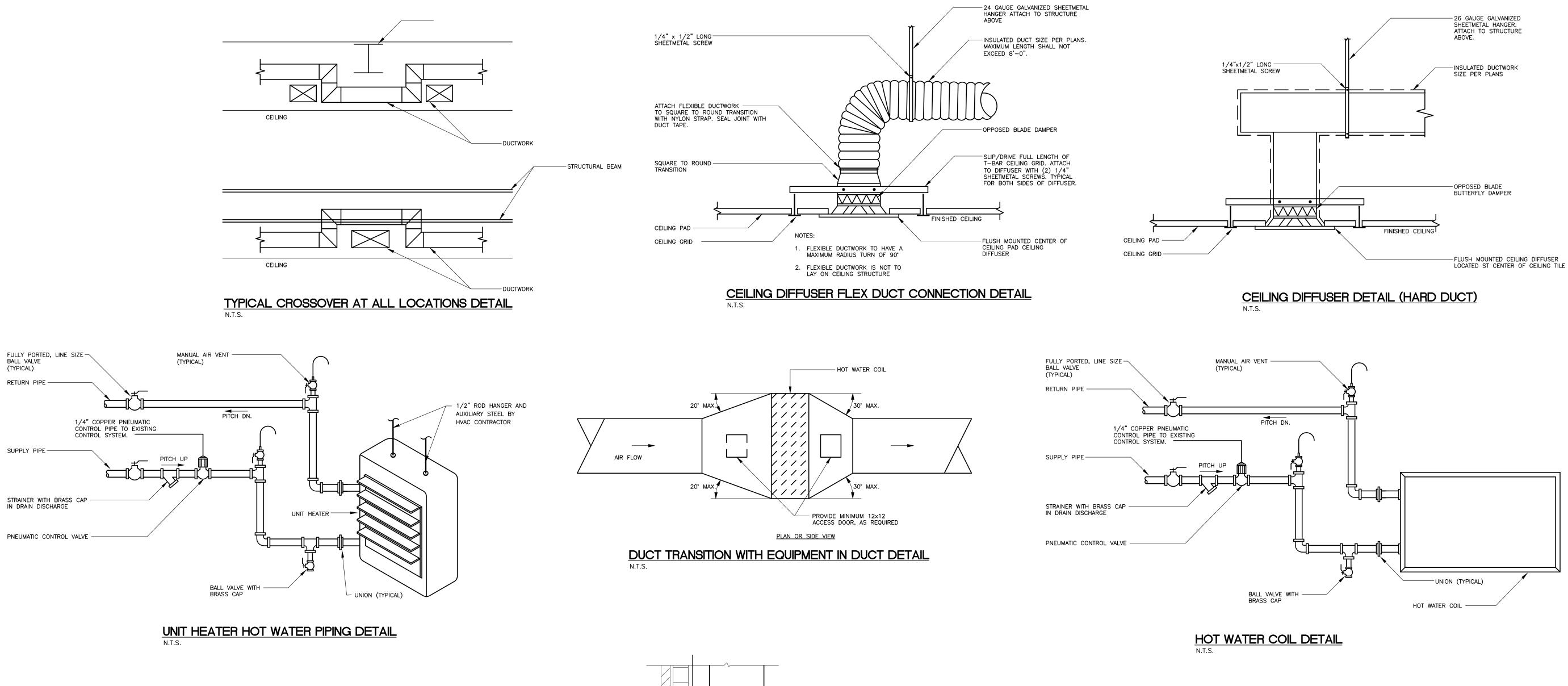
1 EXISTING REHEAT COIL, RHC-41 (1.5 GPM). RECONNECT USING EXISTING PNEUMATIC CONTROL VALVE. CONTRACTOR TO FIELD VERIFY OPERATION OF EXISTING VALVE. REPLACE AS REQUIRED. FOR HOT WATER COIL INSTALLATION DETAIL, SEE M-200.

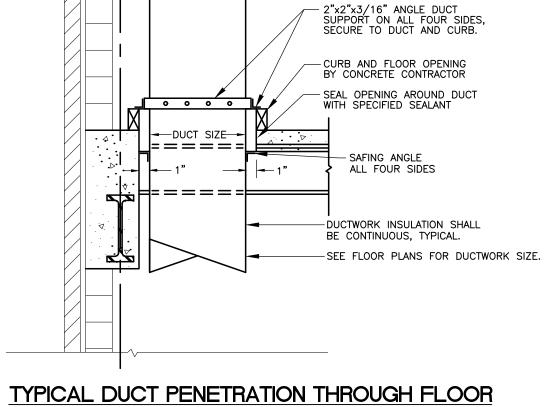
(2) EXISTING REHEAT COIL, RHC-64 (15 GPM). RECONNECT USING EXISTING PNEUMATIC CONTROL VALVE. CONTRACTOR TO FIELD VERIFY OPERATION OF EXISTING VALVE. REPLACE AS REQUIRED. FOR HOT WATER COIL INSTALLATION DETAIL, SEE M-200.

3 NEW HOT WATER REHEAT COIL, SEE MECHANICAL SCHEDULES. FOR HOT WATER COIL INSTALLATION DETAIL, SEE M-200.
 (4) EXISTING REHEAT COIL, RHC-37 (6 GPM). RECONNECT USING EXISTING

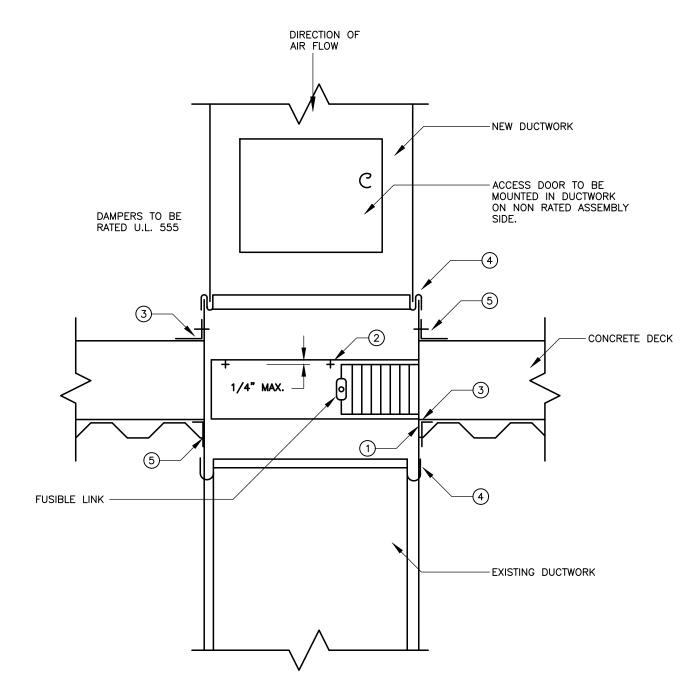
 EXISTING REHEAT COIL, RHC-37 (6 GPM). RECONNECT USING EXISTING PNEUMATIC CONTROL VALVE. CONTRACTOR TO FIELD VERIFY OPERATION OF EXISTING VALVE. REPLACE AS REQUIRED. FOR HOT WATER COIL INSTALLATION DETAIL, SEE M200.

5 EXISTING REHEAT COIL RHC-38 (4 GPM). RECONNECT USING EXISTING PNEUMATIC CONTROL.





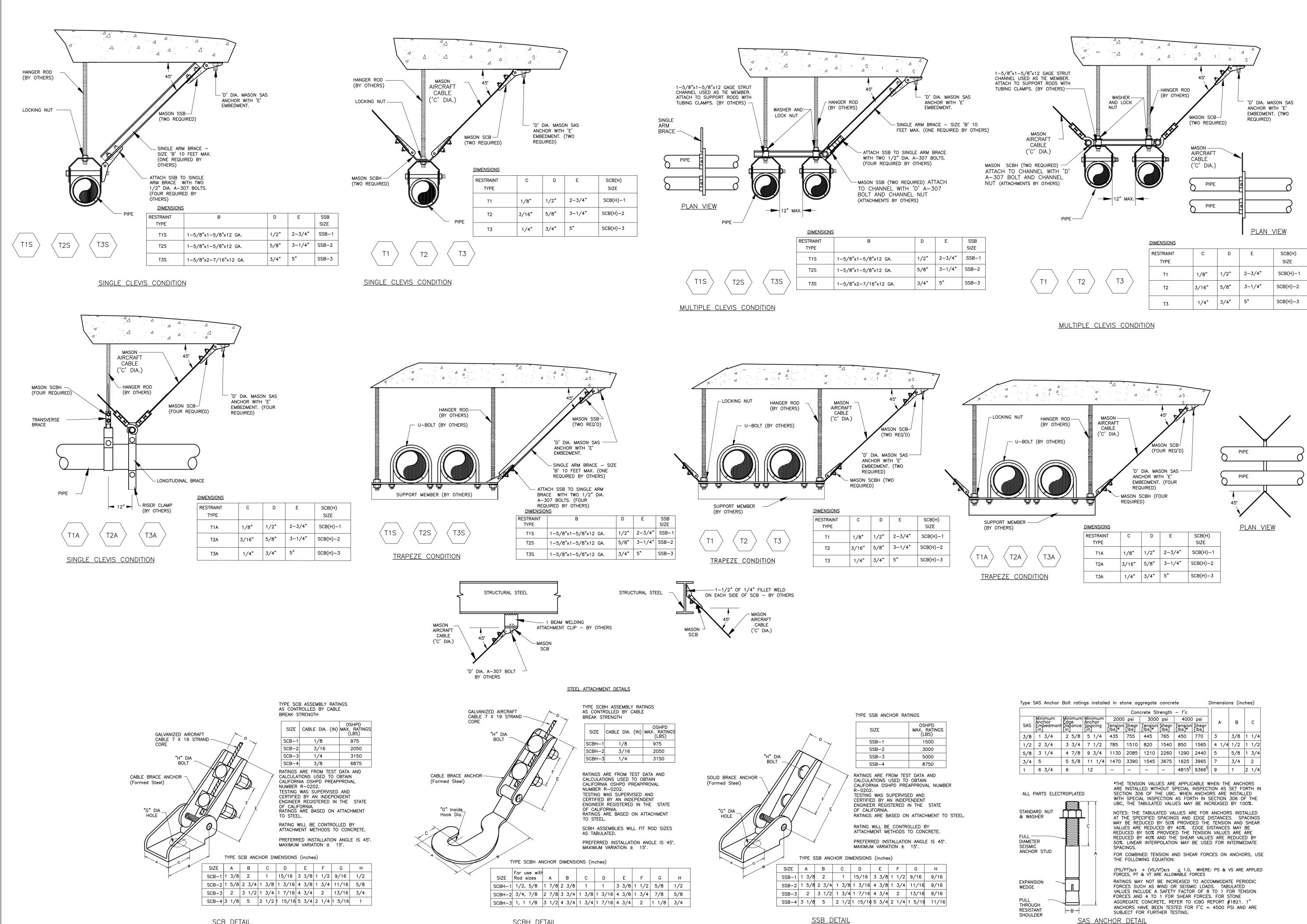
N.T.S.



- NOTES:
- 1. CLEARANCE BETWEEN THE FLOOR/DECK OPENING AND THE DAMPER/SLEEVE ASSEMBLY SHALL BE 1/8" PER FOOT OF WIDTH AND HEIGHT. MINIMUM CLEARANCE SHALL BE 1/4" FOR ANY SIZE DAMPER/SLEEVE ASSEMBLY. THE MAXIMUM OPENING SHALL NOT EXCEED 1/8" PER FOOT PLUS 1". MOUNTING ANGLES SHALL OVERLAP FLOOR/DECK 1" MINIMUM ON ALL SIDES.
- 2. THE DAMPER FRAME MAY BE FASTENED TO THE SLEEVE USING #14 SHEET METAL SCREWS SPACED AT A MAXIMUM OF 6" CENTER TO CENTER FOR 3 HR RATED DAMPERS. A MINIMUM OF ONE FASTENER PER SIZE MUST BE USED.
- 3. MOUNTING ANGLES MUST BE INSTALLED ON THE FLOOR/DECK OPENING AND MUST BE USED ON ALL 4 SIDES OF THE DAMPER/SLEEVE ASSEMBLY (EXCEPTIONS NOTED). MINIMUM MOUNTING ANGLE SIZE IS 1"x1"x18" GAUGE FOR DAMPERS UP TO 18" IN WIDTH OR HEIGHT, 1-1/2"x1/2"x18" GAUGE FOR DAMPERS UP TO 72" WIDTH OR HEIGHT, AND 2"x2"x18" GAUGE FOR LARGER DAMPERS. MOUNTING ANGLES ARE TO BE ATTACHED TO DAMPER/SLEEVE ASSEMBLY USING #14 SHEET METAL SCREWS SPACED AT A MAXIMUM OF 6" CENTER TO CENTER FOR 3" HR RATED DAMPERS. A MINIMUM OF ONE FASTENER PER SIDE MUST BE USED.
- 4. UL 555 (PGH. 14.4) SLEEVE THICKNESS REQUIREMENT: SLEEVE THICKNESS WHEN USED WITHOUT SLIP CONNECTION SHALL BE A MINIMUM OF 16 GAUGE FOR DAMPERS WITH DIMENSIONS NOT EXCEEDING 24" IN HEIGHT OR 36" IN WIDTH AND A MINIMUM OF 14 GAUGE FOR LARGER DAMPERS. EXCEPTION: SLEEVES OF LESSER THICKNESS MAY BE USED IF ONE OR MORE OF THE FOLLOWING SLIP CONNECTIONS IS LOCATED NO MORE THE 12" FROM THE WALL/FLOOR OPENING: PLAIN "S" SLIP, HEMMED "S" SLIP, STANDING "S" SLIP (ALTERNATE BAR, ANGLE, OR BAR REINFORCED), INSIDE SLIP JOINT OR DOUBLE "S" SLIP. SLEEVE GAUGE MAY NOT BE LESS THAN DUCT GAUGE.
- SEAL AIRTIGHT THE COMPLETE PERIMETER OF DAMPER FRAME WITHIN ITS SLEEVE WITH APPROVED FIRE RETARDENT MATERIAL.

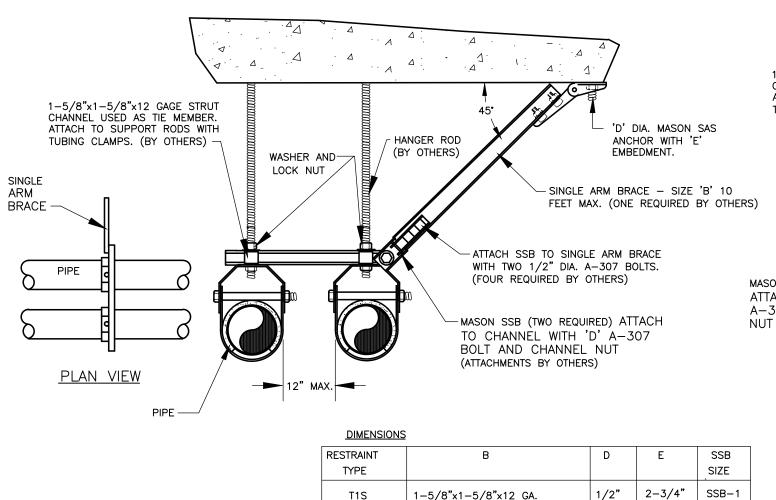
FIRE DAMPER IN FLOOR DETAIL





<u>SCB DETAIL</u>

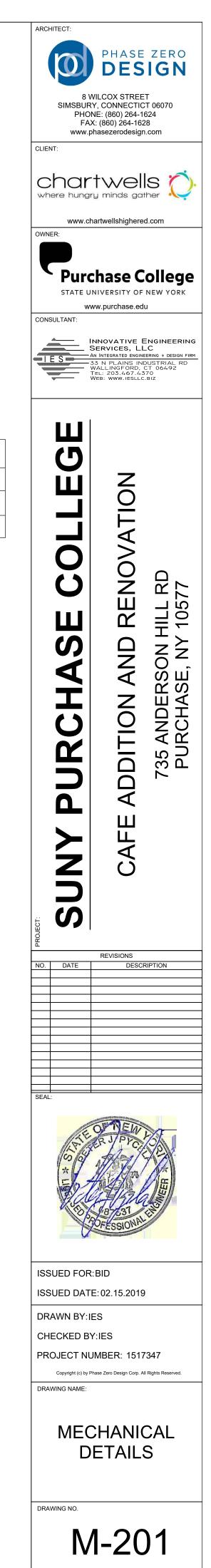
<u>IENSIONS</u>				
ESTRAINT	С	D	E	SCB(H)
TYPE				SIZE
Τ1	1/8"	1/2"	2-3/4"	SCB(H)-1
T2	3/16"	5/8"	3-1/4"	SCB(H)-2
Т3	1/4"	3/4"	5"	SCB(H)-3
	1			

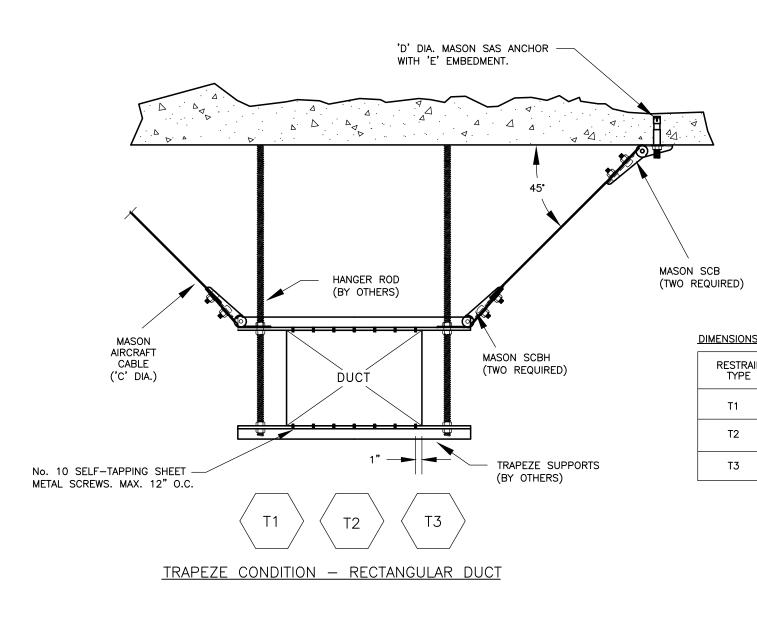


SCBH DETAIL

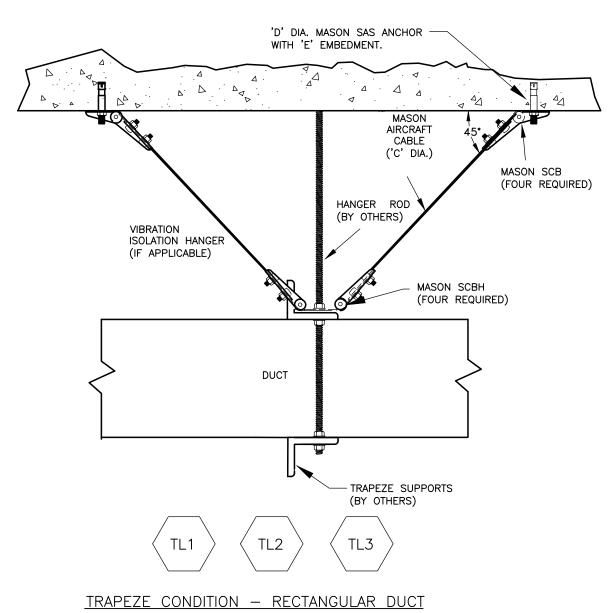
<u>SSB DETAIL</u>

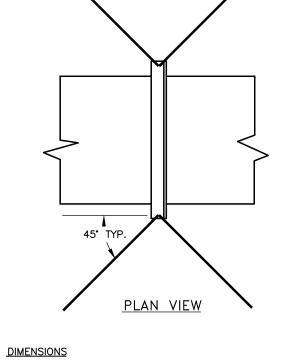
		e SAS Anchor Bolt ratings installed in stone aggregate concrete									
				Con	crete St	rength	– f'c				
inimum	Minimum	Minimum	2000 psi		3000 psi		4000 psi		•	B	c
mbedmant n]		Spacing [in]	Tension [lbs]*	Shear [lbs]	Tension [lbs]*	Shear [lbs]	Tension [lbs]*	Shear [lbs]		Ь	
1 3/4	2 5/8	5 1/4	435	755	445	765	450	770	3	3/8	1 1/4
2 3/4	3 3/4	7 1/2	785	1510	820	1540	850	1565	4 1/4	1/2	1 1/2
3 1/4	4 7/8	9 3/4	1130	2085	1210	2260	1290	2440	5	5/8	1 3/4
5	5 5/8	11 1/4	1470	3390	1545	3675	1625	3965	7	3/4	2
6 3/4	6	12	-	-	-	-	4815 ^t	9366 ^t	9	1	2 1/4
	10chor nbedmant 1 2 3/4 2 3/4 3 1/4 5	ichor Edge nbedmant Distance 3/4 2 2/3/4 3 3/4 4 3/4 4 5 5/8	Inchor Edge Distance Anchor Spacing [in] 3/4 2 5/8 5 1/4 2 3/4 3 3/4 7 1/2 3 1/4 4 7/8 9 3/4 5 5 5/8 11 1/4	ichor Edge Inbedmant Anchor Spacing Locor 3/4 2 5/8 5 1/4 435 2 3/4 3 3/4 7 1/2 785 3 1/4 4 7/8 9 3/4 1130 5 5 5/8 11 1/4 1470	ichor Edge Inpedmant Anchor Spacing Tension [ibs]* Shear [ibs] 3/4 2 5/8 5 1/4 435 755 2 3/4 3 3/4 7 1/2 785 1510 3 1/4 4 7/8 9 3/4 1130 2085 5 5 5/8 11 1/4 1470 3390	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Inchor Edge Inbedmant Anchor Distance Inchor Tension Shear Tension Shear





DIMENSIONS				
RESTRAINT TYPE	С	D	E	SCB SIZE
T1	1/8"	1/2"	2-3/4"	SCB(H)-1
T2	3/16"	5/8"	3-1/4"	SCB(H)-2
тз	1/4"	3/4"	5"	SCB(H)-3

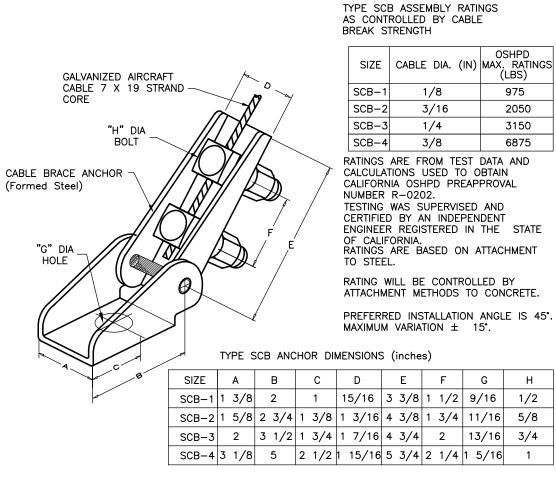




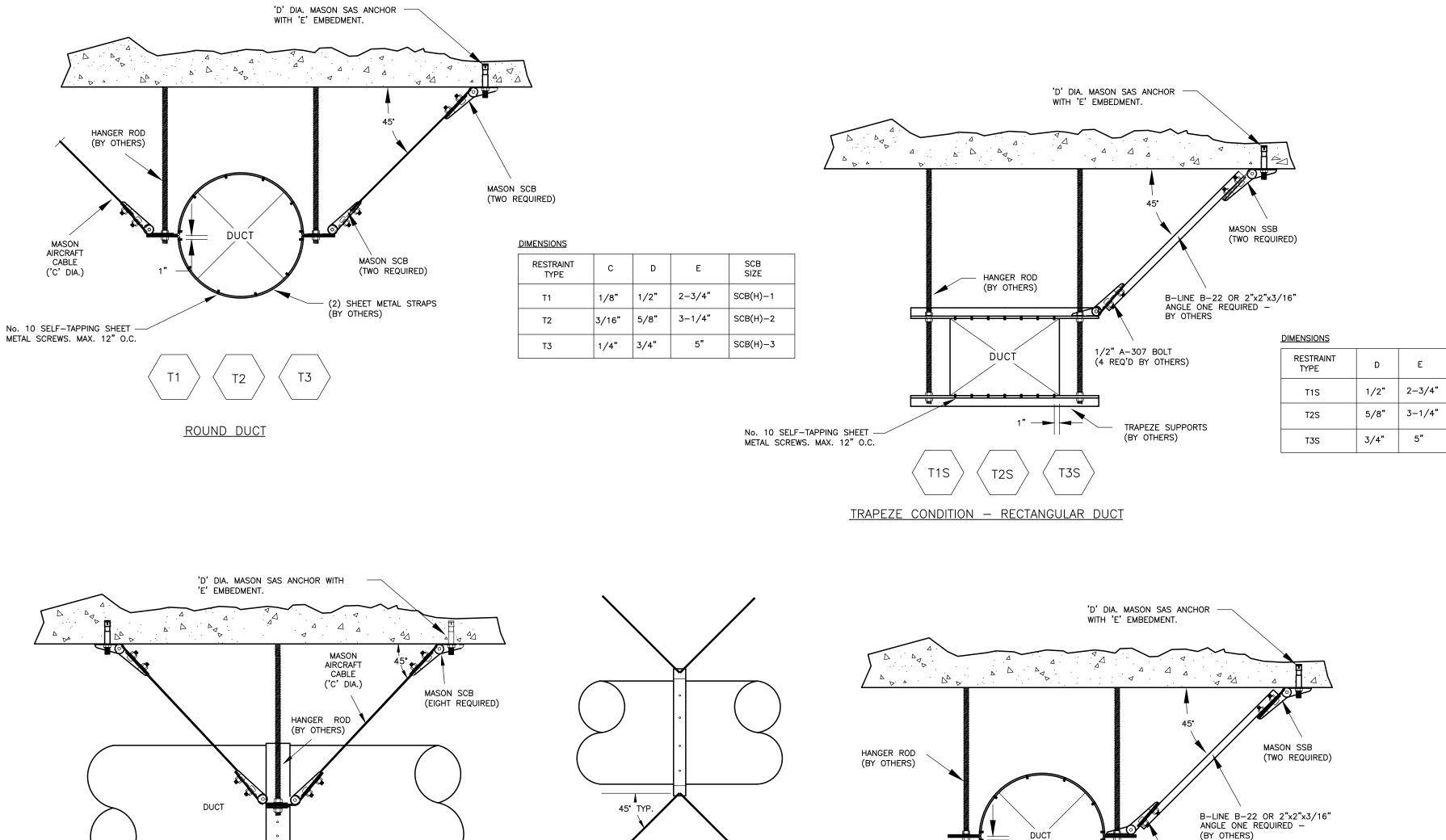
RESTRAINT TYPE	с	D	E	SCB SIZE
TL1	1/8"	1/2"	2-3/4"	SCB(H)-1
TL2	3/16"	5/8"	3-1/4"	SCB(H)-2
TL3	1/4"	3/4"	5"	SCB(H)-3

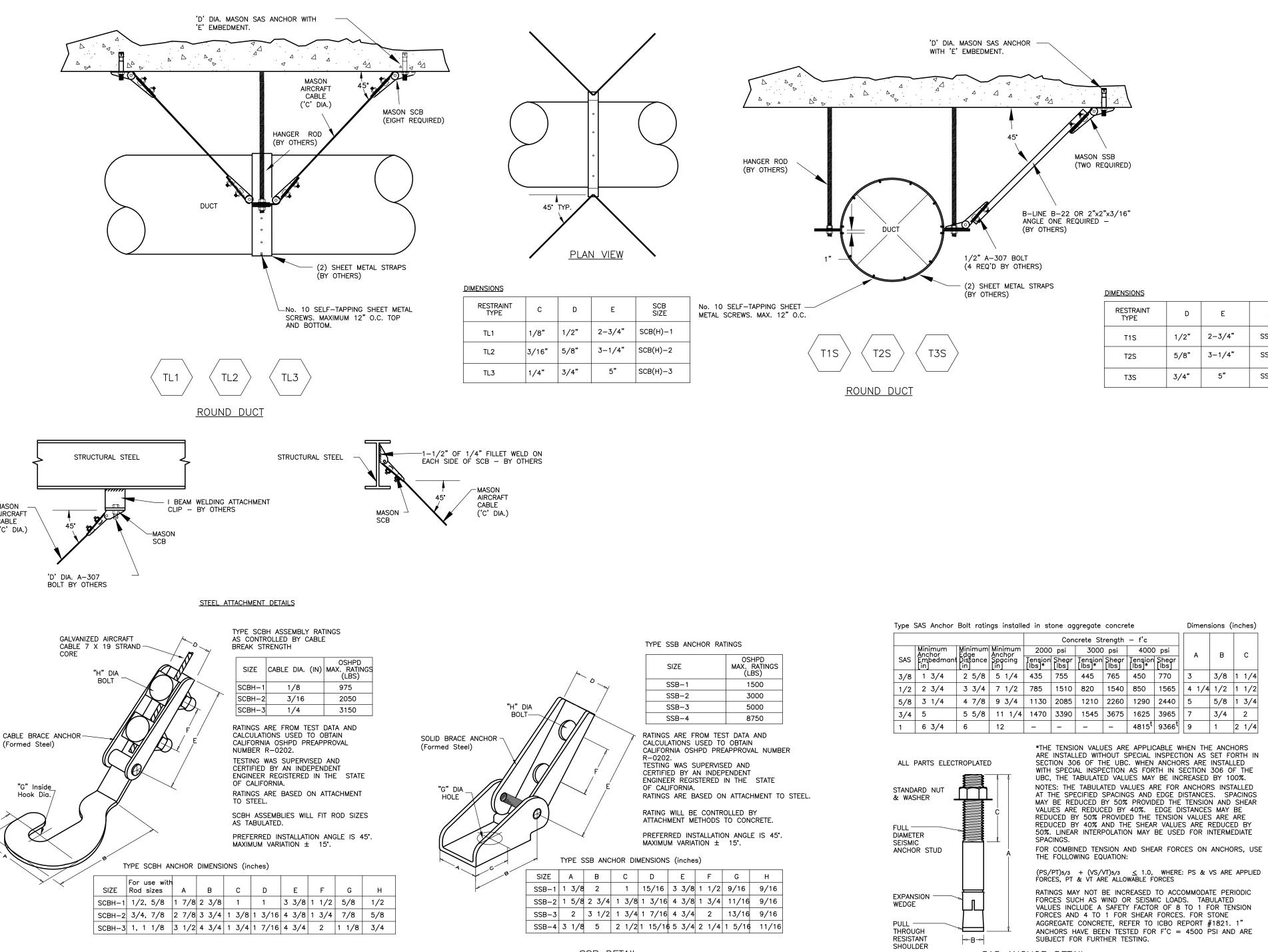
MASON -AIRCRAFT CABLE

('C' DIA.)



<u>SCB DETAIL</u>





<u>SSB DETAIL</u>

DIMENSIONS			
RESTRAINT TYPE	D	E	SSB SIZE
T1S	1/2"	2-3/4"	SSB-1
T2S	5/8"	3-1/4"	SSB-2
T3S	3/4"	5"	SSB-3

SSB

SIZE

SSB-1

SSB-2

SSB-3

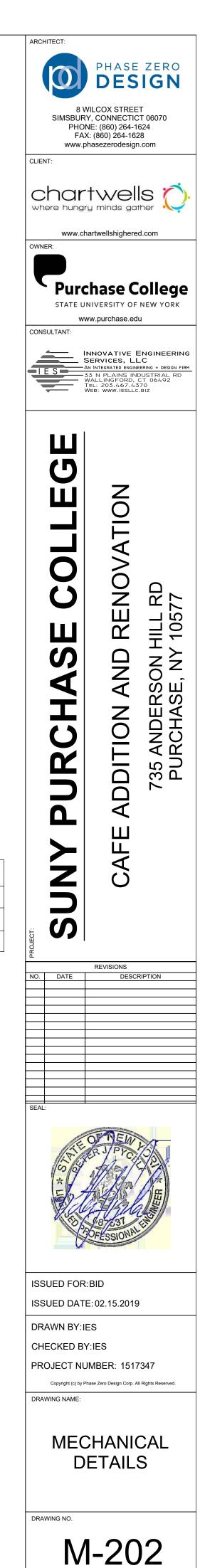
Е

3-1/4"

5"

Type SAS Anchor Bolt ratings installed in stone aggregate concrete											sions (inches
					Con							
	Minimum Anchor			2000 psi		3000 psi		4000 psi		A	в	с
SAS	Embedmant [in]	Edge Distance [in]	Spacing [in]	Tension [lbs]*	Shear [lbs]	Tension [lbs]*	Shear [lbs]	Tension [lbs]*	Shear [lbs]		D	
3/8	1 3/4	2 5/8	5 1/4	435	755	445	765	450	770	3	3/8	1 1/4
1/2	2 3/4	3 3/4	7 1/2	785	1510	820	1540	850	1565	4 1/4	1/2	1 1/:
5/8	3 1/4	4 7/8	9 3/4	1130	2085	1210	2260	1290	2440	5	5/8	1 3/4
3/4	5	5 5/8	11 1/4	1470	3390	1545	3675	1625	3965	7	3/4	2
	0.7/4	0	40					404ct	ozoot	<u> </u>	4	0.4/

SAS ANCHOR DETAIL



				F	HOT WA	TER RE	EHEAT	COIL SO	CHEDU	LE					
	MANUFACTURER MODEL NUMBER	AREA SERVED	TYPE	# OF ROWS	COIL DIMENSIONS	AIR FLOW (CFM)	AIR VELOCITY	TOTAL CAPACITY MBH	EAT DEG F DB	LAT DEG F DB	WATER FLOW GPM	WATER P.D. FT. HD	EWT/LWT DEG F	AIR P.D. IN. WG	NOTES
HC-1	AEROFIN TYPE HWP	STORAGE/ DISHWASHING	DM	2	24X12	980	490	29.7	57	85	3.0	0.50 MAXIMUM	180/160	0.40 MAXIMUM	1,2
HC-2	AEROFIN TYPE HWP	BASEMENT LOBBY	DM	2	16X12	460	500	13.9	57	85	1.4	0.50 MAXIMUM	180/160	0.40 MAXIMUM	1,2

DM – DUCT MOUNTED

NOTES: 1. PROVIDE WITH PNEUMATIC CONTROL VALVE. CONNECT TO EXISTING TEMPERATURE CONTROL SYSTEM. 2. COIL FACE VELOCITY 650 FPM MAXIMUM. 3. PROVIDE WITH MANUAL AIR VENTS (SEE DETAIL ON M200)

			Н	OT WA	TER UN	IIT HEA	TER SC	HEDUL	E			
SYMBOL	MANUFACTURER MODEL NUMBER	TYPE	LOCATION	COIL CAPACITY MBH	COIL FLOW GPM	WATER P.D. FT	EWT (DEG F [*])	LWT (DEG F [*])	CFM	OUTLET VELOCITY (FPM)	ELECTRICAL DATA HP-VOLT-PH	NOTES
UH-1	RITTLING RH-86	Н	RECEIVING LOADING DOCK	53,050	6.2	0.79	180	160	1,340	710	0.1-120-1	1,2,3
UH-2	RITTLING RH-24	Н	SPRINKLER ROOM	14,830	1.7	0.83	180	160	450	570	0.1-120-1	1,2,3
2. INTERMITTENT	- CLOSED MOTOR WITH BU FAN OPERATION CONTE DISCONNECT SWITCH.				ADJUSTABLE).							

SYMBOL	MANUFACTURER MODEL NUMBER
CHWP-1	BELL & GOSSETT E—90 4x4x9.5B
2. PROVIDE WIT 3. PROVIDE WIT	DUNTED H VARIABLE FREQUENCY H DIFFERENTIAL PRESSI H STRAINER, CHECK VA
4. PROVIDE WIT	H DISCONNECT SWITCH.

ELECTRIC UNIT HEATER SCHEDULE

						-	
SYMBOL	MANUFACTURER MODEL NUMBER	TYPE	LOCATION	AIR FLOW	BTUH	ELECTRIC DATA AMPS-V-PH	NOTES
EUH-1	QMARK MUH0321	н	MISC. STORAGE 012	350	7,500	11.0-208-1	1,2
UNIT HEATER TYP H – HORIZONTAL							

NOTES: 1. PROVIDE WITH INTERNAL THERMOSTAT. 2. PROVIDE WITH DISCONNECT SWITCH.

ADD ALTERNATE #1 - PUMP SCHEDULE

TYPE	LOCATION	SYSTEM SERVED	WATER/ GLYCOL	CAPACITY GPM	CAPACITY FT OF HEAD	WATER TEMP(F*)	FLANGE S/D	ELECTRICAL DATA	POWER HP/BHP	MOTOR SPEED	NOTES
IL	MECHANICAL ROOM	CHILLED WATER	WATER	318	52	44	7.5/7.5	208/3/60	7.5/5.74	1800	1,2,3,4

CY DRIVE (VFD). SURE SENSOR. ALVE AND SHUT-OFF VALVES (SEE DETAIL ON M201).

	GRILLE,	DIFFU	SER AN	D REGI	STER S	SCHEDU	JLE	
SYMBOL	MANUFACTURER	DUTY	TYPE	BORDER		CONSTRUCTION	1	NOTES
STMBUL	MODEL NUMBER	DUIT	TIPE	TYPE	OBD	FRAME	BLADES	NUTES
S1	TITUS TDCA	SUPPLY	D.D.	TYPE 3 LAY-IN	ALUMINUM	ALUMINUM	ALUMINUM	1,2,4
S2	TITUS FL-15-JT	SUPPLY	L.S.	TYPE 22	ALUMINUM	ALUMINUM	ALUMINUM	2,5
S3	TITUS S300FL	SUPPLY	S.W.	RADIUS	ALUMINUM	ALUMINUM	ALUMINUM	2,3,4
S4	TITUS FL-10-JT	SUPPLY	L.S.	TYPE 22	ALUMINUM	ALUMINUM	ALUMINUM	2,5
R1	TITUS PAR	RETURN	P.F.	TYPE 3 LAY-IN	ALUMINUM	ALUMINUM	ALUMINUM	2,4
R2/T1/E1	TITUS 350FL	RETURN/ TRANSFER	L.F.	TYPE 1 SURFACE MOUNT	ALUMINUM	ALUMINUM	ALUMINUM	2,4

TYPES: L.S. – LINEAR SLOT D.B. – DIRECTIONAL DIFFUSER L.F. – LOUVERED FACE S.C. – SIDE WALL P.F. – PERFORATED FACE

DESIGNATIONS:

NOTES: 1. OPPOSED BLADE DAMPER. 2. FACE VELOCITY 600 FPM MAX. 3. DOUBLE DEFLECTION (ADJUSTABLE). 4. NC LEVEL NOT TO EXCEED 25. 5. INSULATED DIFINIT POX 5. INSULATED PLENUM BOX.

SYMBOL FLOW (CFM) S1-150

NECK — 6"ø SIZE TYPICAL RDG

LINEAR SLOT

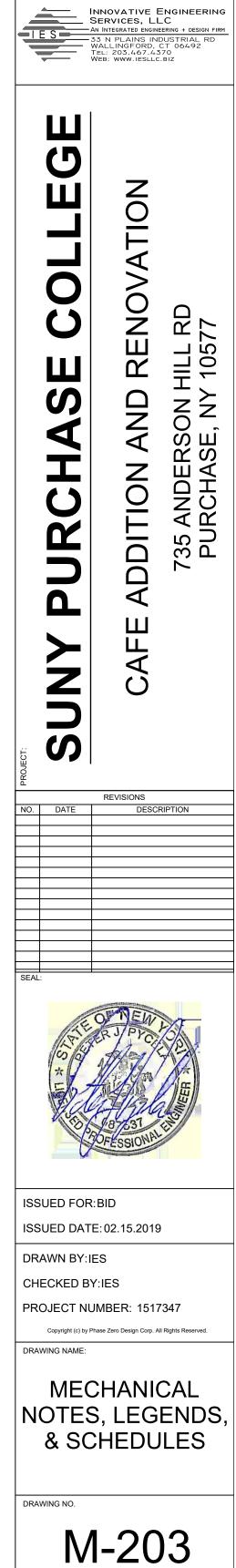
	ABBREVIA
AFF AHU AMB AMP BAL BTU CAP CFM CLG CJ EF ESP EWT F CD FF FT FC D FT FT GPM CHWS CLG CJ EF ESP EWT F F CD FF FT FT GPM CHTS G U AT EF ESP EWT F F CD FF FT FT GPM C H WC H P R TS G H WC H P R S C F D FT FT S M C F D FT FT S M C H S C D FT FT S M C F D FT FT S M C H S C S D FT FT S C D FT FT S C D F FT FT S C D F FT FT S C D F FT FT S C D F FT FT S C C S C F D S C S C F S C C S C S C C S C S C S C S	ABOVE FINISHED FLOO AIR HANDLING UNIT AMBIENT AMPERE (AMP, AMPS) BALANCE BRITISH THERMAL UNIT CAPACITY CUBIC FEET PER MINU CHILLED WATER SUPPI CHILLED WATER SUPPI CHILLED WATER SUPPI CHILLED WATER RETUF COOLING CONDENSING UNIT ENTERING AIR TEMPER EXHAUST FAN EXTERNAL STATIC PRE ENTERING WATER TEMI EXHAUST DEGREES FAHRENHEIT FLEXIBLE CONNECTION FIRE DAMPER FEET PER MINUTE FEET FIN TUBE RADIATION GALLONS PER MINUTE HOT WATER COIL HORSE POWER HEATING RETURN (HOT HEATING SUPPLY (HOT HEATING SUPPLY (HOT HEATING SUPPLY (HOT HEATING WATER TEMPERA POUNDS LEAVING WATER TEMPERA POUNDS LEAVING WATER TEMPERA POUNDS LEAVING WATER TEMPERA POUNDS LEAVING WATER TEMPERA POUNDS PER SQUARE REGISTER DIFFUSER G RETURN ROTATIONS PER MINUT SQUARE FEET SUPPLY TYPICAL UNIT HEATER VOLUME DAMPER VERIFY IN FIELD WET BULB WORKING PRESSURE
EQUIPMENT, SHOWN OR	ACCESSORIES, CONTROL INDICATED ON THE DRAW NT OR DEVICES THAT H
ABANDONED . THE MECHAN FAMILIAR WIT	SHALL REMAIN. IICAL CONTRACTOR SHAL H THE EXISTING SYSTEM
RENOVATION. ANY SYSTEM SHALL BE K CONNECTION OPERATIONAL	S OR EQUIPMENT TO RE EPT IN OPERATION BY F S AS REQUIRED UNTIL N
CM, AND OR MECHANICAL	IICAL CONTRACTOR SHAL GENERAL CONTRACTOR DEMOLITION WORK IN C DN SCHEDULE AND OWN
TURNED OVE	NCAL EQUIPMENT TO BE R TO THE OWNER, AT C N THE DRAWINGS SHALL PREVENT DAMAGE.
ARCHITECTUF	IICAL CONTRACTOR SHAL RAL DEMOLITION DRAWING NAL INFORMATION AND F
. ALL SERVICE WITH THE ON WORK.	INTERRUPTIONS SHALL WNER IN ADVANCE PRIOF
. THE MECHAN WORK WITH	IICAL CONTRACTOR SHAL THAT OF OTHER TRADES
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. MECHANICAL TRADES AS AND OR COO	CONTRACTOR MUST REV PART OF THIS CONTRAC DRDINATION OF HIS WOR S TO OTHER SYSTEMS.
	RED HVAC CONTROLS VE

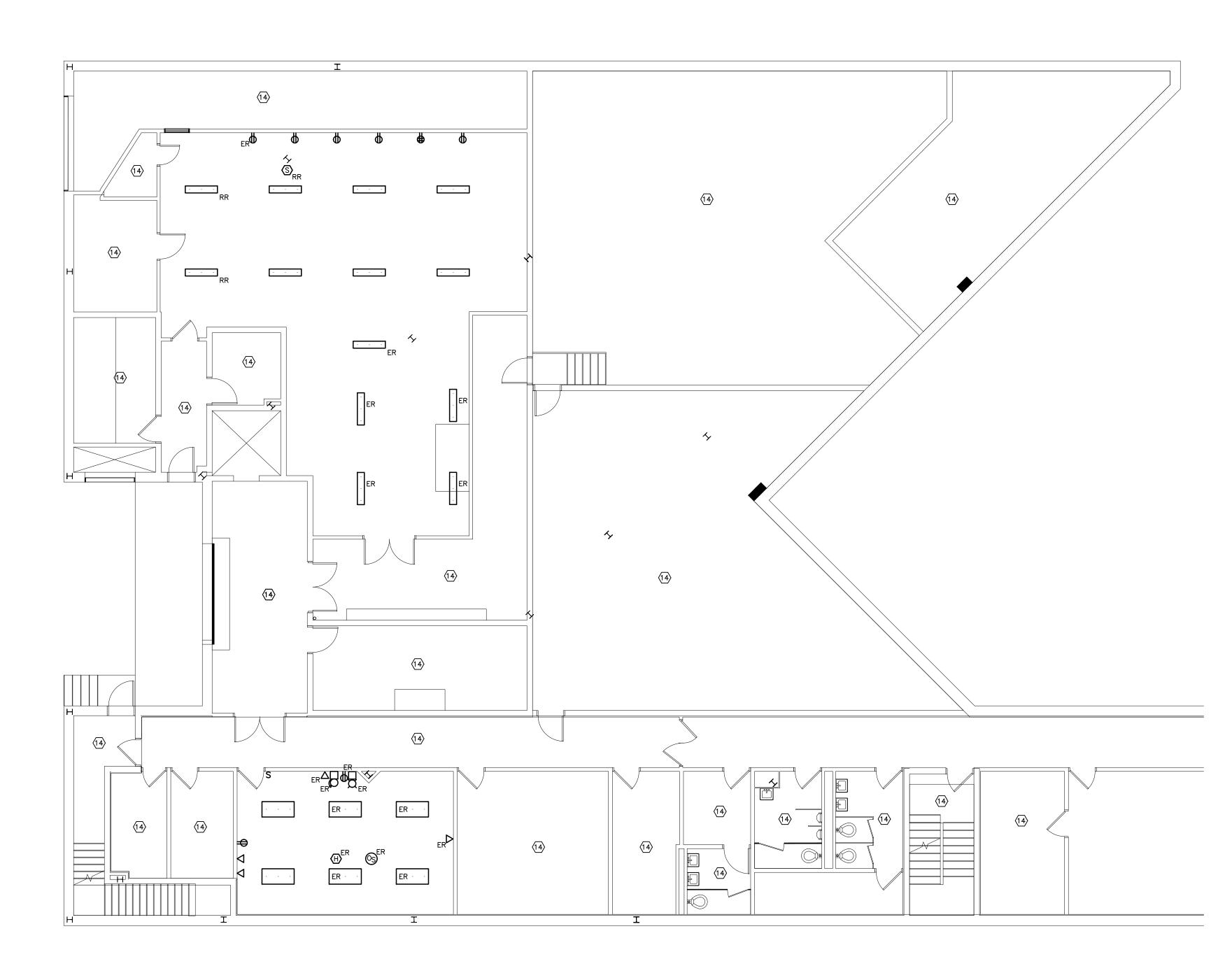
AIR FLOW TEST

CONTRACTOR SHALL PERFORM PRE-DEMOLITION AND CONSTRUCTION AIR FLOW & STATIC PRESSURE TESTS OF EXISTING AIR HANDLING UNIT, AC-1, SUPPLY FAN, S-1, AND RETURN FAN, R-1. ASSOCIATED MAIN SUPPLY DUCTWORK IN EXISTING STORAGE AREA SHALL ALSO BE TESTED FOR AVAILABLE AIR FLOW. CONTRACTOR SHALL SUBMIT A FULL REPORT DOCUMENTING FINDINGS UPON COMPLETION OF TESTING.

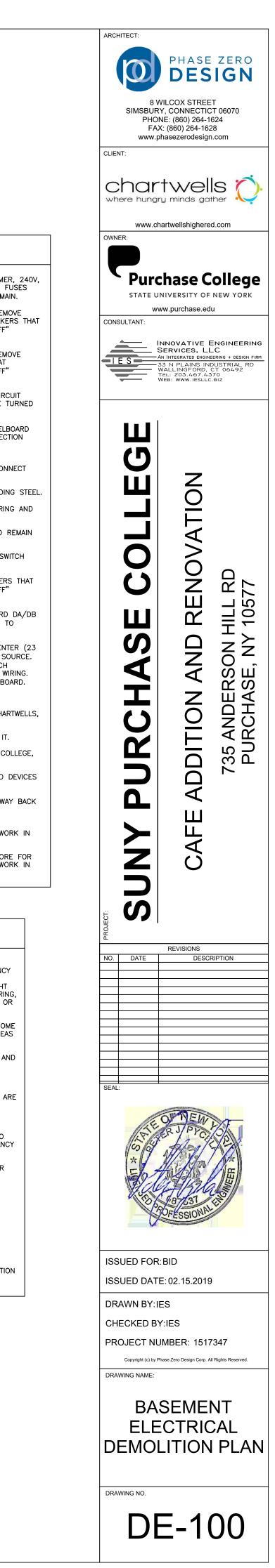
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K GRILLE NUTE VOLUME DAMPER VOLUME DAMPER MOTORIZED DAMPER REDUCER LOW TEMPERATURE HOT WATER SUPPLY - HEATING LOW TEMPERATURE HOT WATER RETURN - HEATING HALL SAND VESSIONED PIPINS AS RAWINGS. OHNER CHILLED WATER SUPPLY HALL SAND RESCHILD PIPINS AS RAWINGS. CHILLED WATER RETURN - HEATING CHILLED WATER RETURN HALL VISIT THE SITE AND BECOME REMAIN ACTIVE DURING RENOVATION Y PROVING TEMPORARY REBAND ADA REINSTALLED AND HALL COORDINATE WITH THE OWNER, OR ANY AND ALL PHASING OF THE WINESS SCOUPANCY REQUIREMENTS. RE ENOVED AND FOLSED OR TOWNERS REQUEST, OR AS ALL BE CAREFULY REMOVED AND HALL ALSO REVIEW THE WINDS AS PART OF THIS CONTRACT DI REQUIREMENTS. LI BE COORDINATED MAD APPROVED AND ALL DE COMPUTY REMOVED AND HALL SO REVIEW THE WINDS AS PART OF THIS CONTRACT DI REQUIREMENTS. LI BE COORDINATED MAD APPROVED AND ALL ECONTRACT NO AND APPROVED AND ALL COORDINATE MAD APPROVED AND ALL COORDINATE HIS DEMOUTION BES IN ORGER TO SANDALLOTS. HALL COORDINATE HIS DEMOUTION BES IN ORGENTS. HALL COORDINATE HIS DEMOUTION BES IN ORGENTS. HALL COORDINATE HIS DEMOUTION BES IN ORGENTS.		ERVICES, LL	ENGINEERING _C eering + design firt
LIWF LOW TEMPERATURE HOT WATER SUPPLY - HEATING LOW TEMPERATURE HOT WATER SUPPLY - HEATING LOW TEMPERATURE HOT WATER RETURN - HEATING LOW TEMPERATURE HOT WATER RETURN - HEATING LOW TEMPERATURE HOT WATER RETURN - HEATING CHILLED WATER SUPPLY CHILLED WATER SUPPLY CHILLED WATER SUPPLY CHILLED WATER RETURN CHILLED WATER RETURN CHILLED WATER RETURN CHILLED WATER RETURN DIRECTION OF FLOW PIPE DOWN PIPE DOWN PIPE DOWN PIPE DOWN PIPE DROP PIPE RISE PLUGGED OR CAPPED PIPE EXISTING TO BE REMOVED AND ALL PHASING OF THE WINERS REQUEST, OR AS ALL BE CAREFULLY REMOVED AND ES NO ROLE TO ANOL CONFLICTS. ENERAL NOTES	LEGE	TION	
D SHOW GENERAL INTENT OF WORK.	SUNY PURCHASE COL	CAFE ADDITION AND RENOVATION	735 ANDERSON HILL RD PURCHASE, NY 10577
PECIFICATIONS FOR ADDITIONAL		REVISIONS DESCF	RIPTION

PRE-CONSTRUCTION





BASEMENT ELECTRICAL DEMOLITION PLAN SCALE: 1/8"= 1'-0"



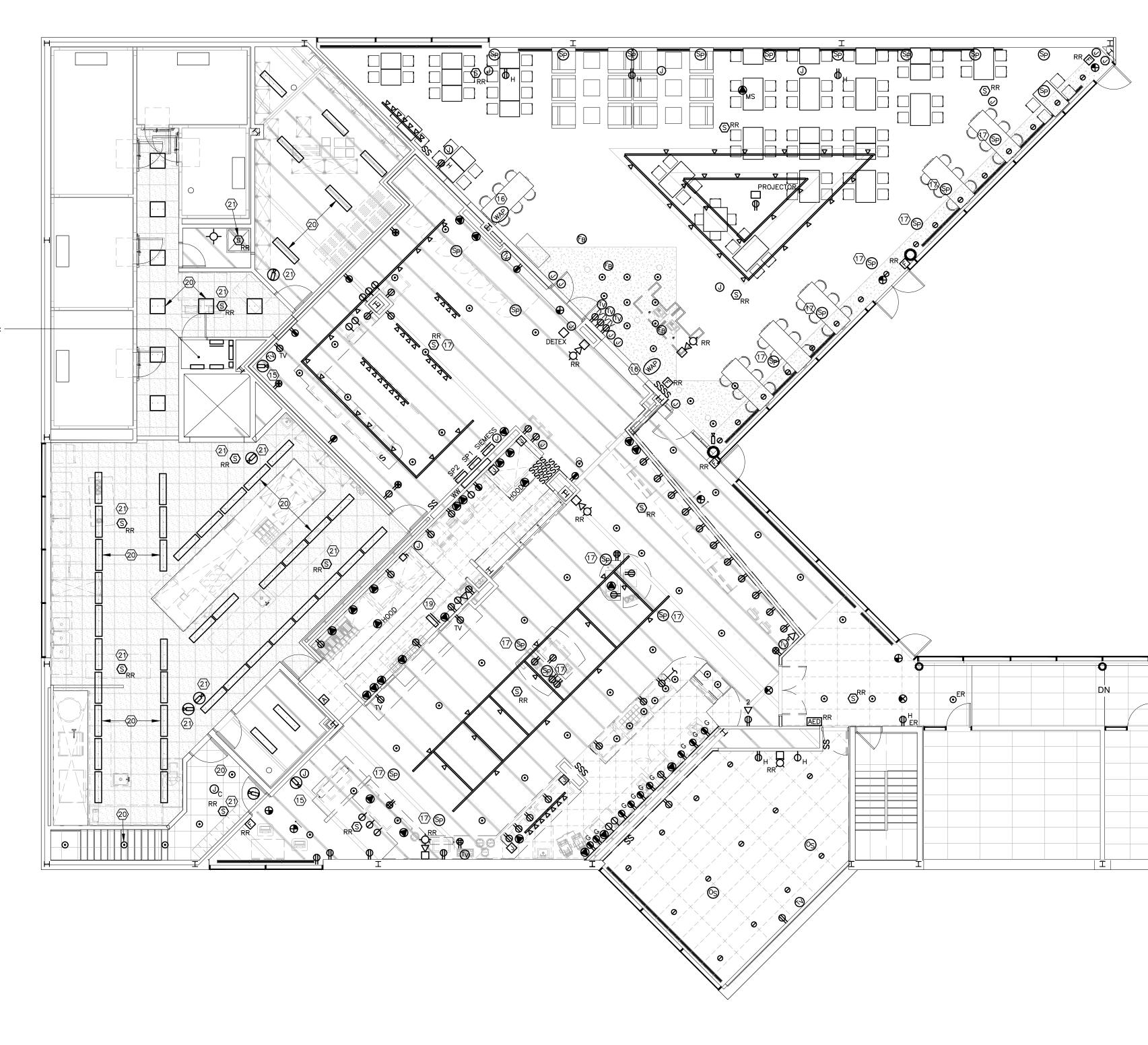
PROJECT DEMOLITION NOTES

- 1) GE 13.8KV, 600A LOAD INTERRUPTER SWITCH, 750KVA TRANSFORMER, 240V, 2000A, 3P, 4W SERVICE ENTRANCE SWITCH WITH 2000A, 200KAIC FUSES AND 2000A SUPPLY DISTRIBUTION FUSE/SWITCH SECTIONS TO REMAIN.
- 2 GE 208Y/120V, 1000A MCB, 3Ø, 4W PANELBOARD TO REMAIN. REMOVE 1P, 20A BRANCH CIRCUIT BREAKERS AS REQUIRED. CIRCUIT BREAKERS THAT BECOMES SPARES DUE TO DEMOLITION SHALL BE TURNED TO "OFF" POSITION AND MARKED AS SPARES.
- GE 208Y/120V, 1200A MLO, 3Ø, 4W PANELBOARD TO REMAIN. REMOVE BRANCH CIRCUIT BREAKERS AS REQUIRED. CIRCUIT BREAKERS THAT BECOMES SPARES DUE TO DEMOLITION SHALL BE TURNED TO "OFF" POSITION AND MARKED AS SPARES.
- GE 208Y/120V, 3Ø, 3W (KP4) AND 3Ø, 4W (KP5) TO REMAIN. CIRCUIT BREAKERS THAT BECOMES SPARES DUE TO DEMOLITION SHALL BE TURNED TO "OFF" POSITION AND MARKED AS SPARES.
- (5) 12"x12" WW, MODIFY WIREWAY AND REMOVE SECTION ABOVE PANELBOARD ALONG WITH ASSOCIATED RACEWAYS FOR FUTURE RACEWAY CONNECTION DIRECTLY TO PANELBOARDS.
- 6 REMOVE 100A BUSS TAP TO PANELBOARD KP1 FEEDER, 100A DISCONNECTION SWITCH, WIRING AND RACEWAY TO IT PANEL DISCONNECT SWITCH.
- $\left<\overline{7}\right>$ Remove ground wire from ground bar connection to building steel.
- (8) REMOVE 208Y/120V, 3Ø, 4W PANELBOARD, BRANCH CIRCUITS, WIRING AND RACEWAYS BACK TO SOURCE.
- $\left<9\right>$ 400A FUSED DISCONNECT SWITCH, WIRING AND RACEWAY BACK TO REMAIN FOR REUSE.
- $\langle 10 \rangle$ REMOVE WIRING, RACEWAY FROM MAU-1 AND 400A DISCONNECT SWITCH BACK TO SOURCE.
- (11) GE 208Y/120V, 3Ø, 4W PANELBOARD TO REMAIN. CIRCUIT BREAKERS THAT BECOMES SPARES DUE TO DEMOLITION SHALL BE TURNED TO "OFF" POSITION AND MARKED AS SPARES.
- (12) REMOVE CENTURY STRAND LIGHTING CONTROL PANELS, PANELBOARD DA/DB (36 BRANCH CIRCUITS), ASSOCIATED WIRING AND RACEWAYS BACK TO SOURCE.
- (13) REMOVE L1A PANELBOARD (30 BRANCH CIRCUITS), L1A2 LOAD CENTER (23 BRANCH CIRCUITS), ASSOCIATED WIRING AND RACEWAYS BACK TO SOURCE. REMOVE (5) 1P, 20A EXTERIOR LIGHTING AND RECEPTACLE BRANCH CIRCUITS. PROVIDE NECESSARY JUNCTION BOXES, RACEWAYS AND WIRING. RELOCATE WITH ASCO LIGHTING CONTRACTOR (LC) TO NEW PANELBOARD.
- $\langle 14 \rangle$ existing area to remain.
- (15) REMOVE CAMERA, RACEWAY AND CABLING. RETURN CAMERA TO CHARTWELLS, TYPICAL.
- $\langle 16
 angle$ remove wap, raceway and cabling. Return wap to college it.
- 17) REMOVE SPEAKER, RACEWAY AND CABLING. RETURN SPEAKER TO COLLEGE, TYPICAL.
- (18) REMOVE AND RELOCATE IN PLACE CEILING MOUNTED LIGHTING AND DEVICES IN CORRIDOR AS REQUIRED TO ACCOMMODATE WORK.
- (19) REMOVE LOAD CENTER (12 BRANCH CIRCUITS), WIRING AND RACEWAY BACK TO SOURCE.
 (20) REMOVE EXISTING LIGHT FIXTURES IN THIS AREA AND STORE FOR REINSTALLATION AFTER COMPLETION OF NEW SPRINKLER SYSTEM WORK IN
- REINSTALLATION AFTER COMPLETION OF NEW SPRINKLER SYSTEM WORK IN THIS AREA. TYPICAL IN BACK OF HOUSE, DRY STORAGE AREAS.
- (21) REMOVE EXISTING DEVICES AT THE CEILING IN THIS AREA AND STORE FOR REINSTALLATION AFTER COMPLETION OF NEW SPRINKLER SYSTEM WORK IN THIS AREA. TYPICAL IN BACK OF HOUSE, DRY STORAGE AREAS.

GENERAL DEMOLITION NOTES

- 1. THE DEMOLITION DATA INDICATED ON THESE DRAWINGS IS AS EXACT AS COULD BE DOCUMENTED BASED ON AREA OCCUPANCY AND NORMAL OPERATION. WHETHER INDICATED OR NOT THE CONTRACTOR SHALL REMOVE ALL ELECTRICAL EQUIPMENT, LIGHT FIXTURES, DEVICES, ACCESSORIES, CONTROLS, ASSOCIATED WIRING, CABLING, JUNCTION BOXES AND RACEWAYS BACK TO SOURCE OR LAST DEVICE UNLESS OTHERWISE NOTED.
- 2. THE ELECTRICAL CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE EXISTING SYSTEMS AND CONDITIONS IN AREAS OF RENOVATION.
- NO EQUIPMENT OR DEVICES THAT HAVE BEEN DISCONNECTED AND ABANDONED SHALL REMAIN.
 ANY SYSTEMS OR EQUIPMENT TO REMAIN ACTIVE DURING RENOVATION SHALL BE KEPT IN OPERATION BY PROVIDING
- RENOVATION SHALL BE KEPT IN OPERATION BY PROVIDING TEMPORARY CONNECTIONS AS REQUIRED UNTIL NEW SYSTEMS ARE INSTALLED AND OPERATIONAL.
- 5. THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE OWNER, CM, AND OR GENERAL CONTRACTOR ANY AND ALL PHASING OF THE MECHANICAL DEMOLITION WORK IN ORDER TO SATISFY THE CONSTRUCTION SCHEDULE AND OWNERS OCCUPANCY REQUIREMENTS.
- 6. ANY ELECTRICAL EQUIPMENT TO BE REMOVED AND REUSED OR TURNED OVER TO THE OWNER, AT OWNERS REQUEST, OR AS INDICATED ON THE DRAWINGS SHALL BE CAREFULLY REMOVED AND STORED TO PREVENT DAMAGE.
- 7. THE ELECTRICAL CONTRACTOR SHALL ALSO REVIEW THE ARCHITECTURAL DEMOLITION DRAWINGS AS PART OF THIS CONTRACT FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- ALL SERVICE INTERRUPTIONS SHALL BE COORDINATED AND APPROVED WITH THE OWNER IN ADVANCE PRIOR TO COMMENCEMENT OF ANY WORK.
- 9. THE ELECTRICAL CONTRACTOR SHALL COORDINATE HIS DEMOLITION WORK WITH THAT OF OTHER TRADES IN ORDER TO AVOID CONFLICTS.





LOCATION OF (2) C3LC [—] PANELS PANELBOARD DA/DB PANELBOARD LIA, LIA2 ASCO LC LOAD CENTER

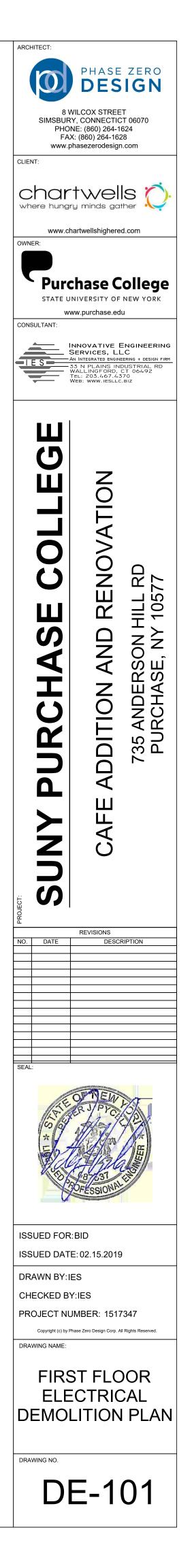
FIRST FLOOR ELECTRICAL DEMOLITION PLAN

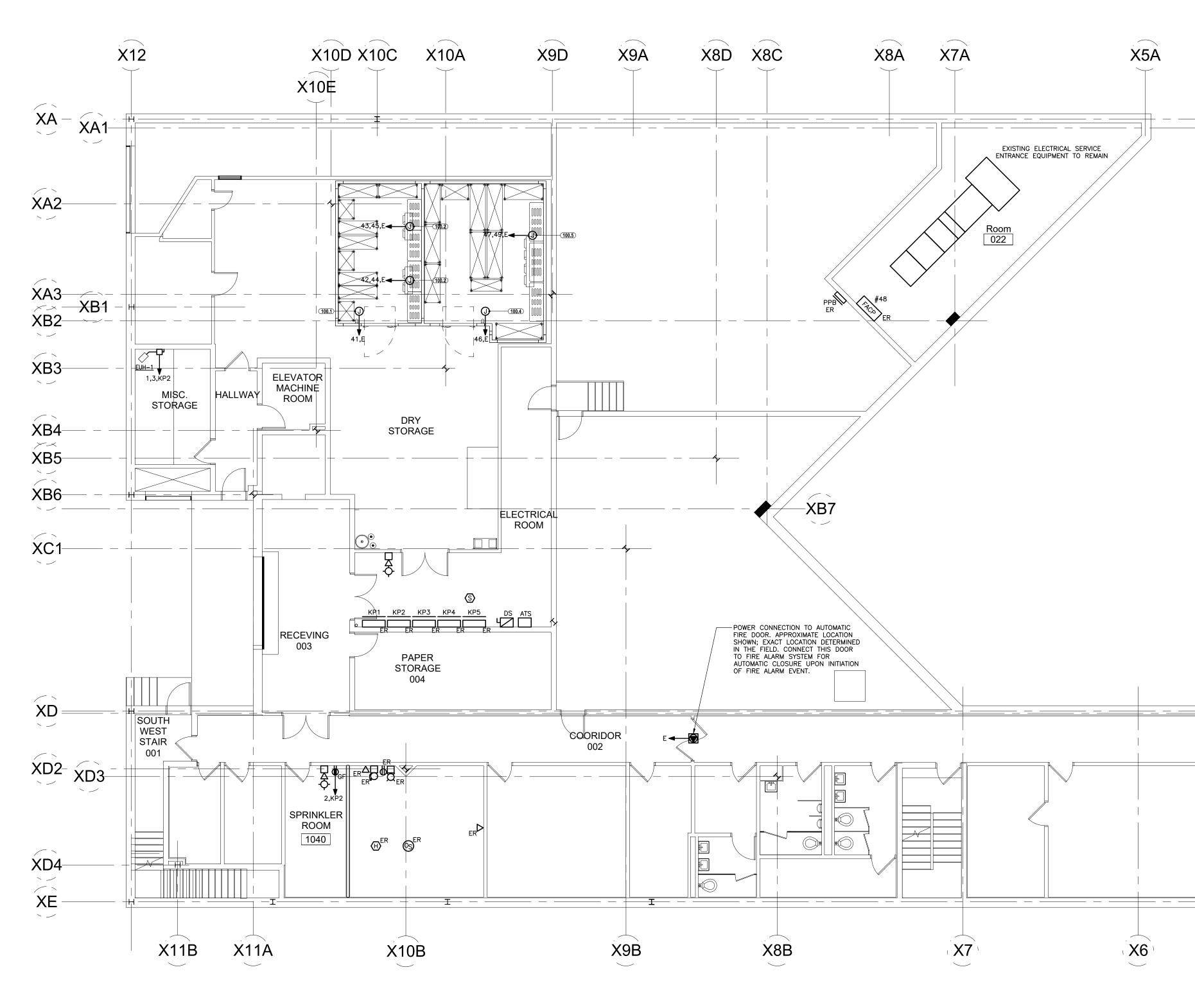
NOTE: SEE SHEET DE-100 FOR PROJECT DEMOLITION NOTES.

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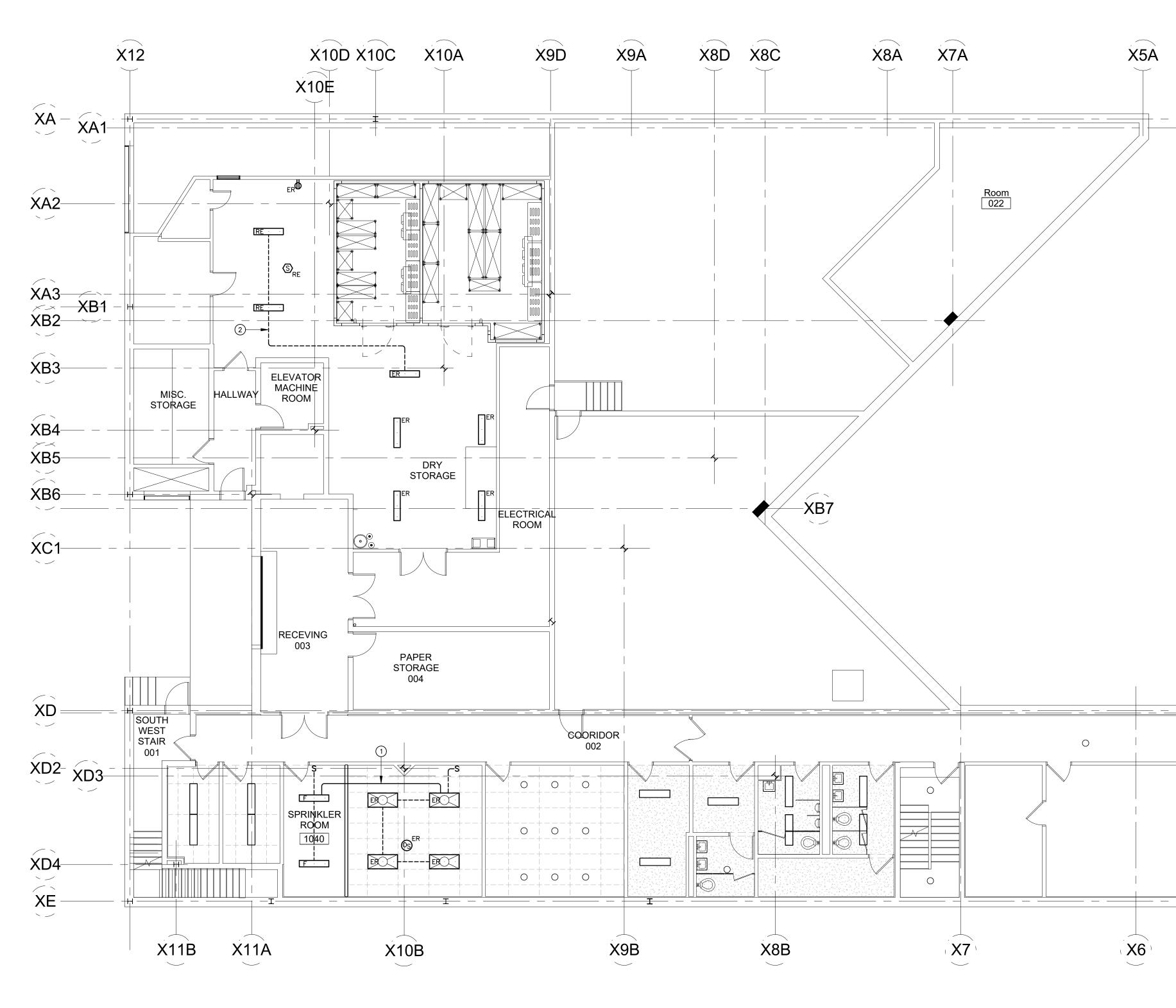
CONFLICTS.





BASEMENT POWER PLAN SCALE: 1/8"= 1'-0"





BASEMENT LIGHTING PLAN SCALE: 1/8"= 1'-0"

DRAWING NOTES

 CONNECT TO EXISTING UNSWITCHED PORTION OF LOCAL LIGHTING BRANCH CIRCUIT WITH 3/4"C, 2#12, #12G.
 CONNECT TO EXISTING LOCAL LIGHTING BRANCH CIRCUIT AND CONTROL WITH EXISTING LIGHT FIXTURES AND SWITCHES.

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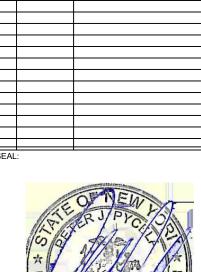


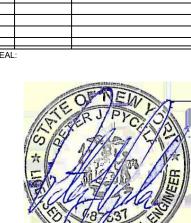
FIRST FLOOR POWER PLAN SCALE: 1/8"= 1'-0"

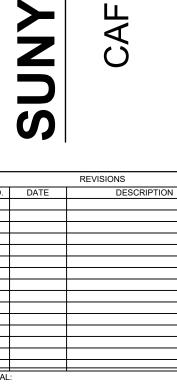


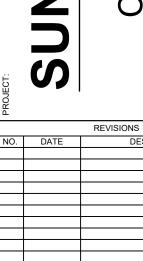
















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PHASE ZERO DESIGN

8 WILCOX STREET SIMSBURY, CONNECTICT 06070 PHONE: (860) 264-1624 FAX: (860) 264-1628 www.phasezerodesign.com

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INNOVATIVE ENGINEERING SERVICES, LLC AN INTEGRATED ENGINEERING + DESIGN FIRM 33 N PLAINS INDUSTRIAL RD WALLINGFORD, CT 06492 TEL: 203.467.4370 WEB: WWW.IESLLC.BIZ

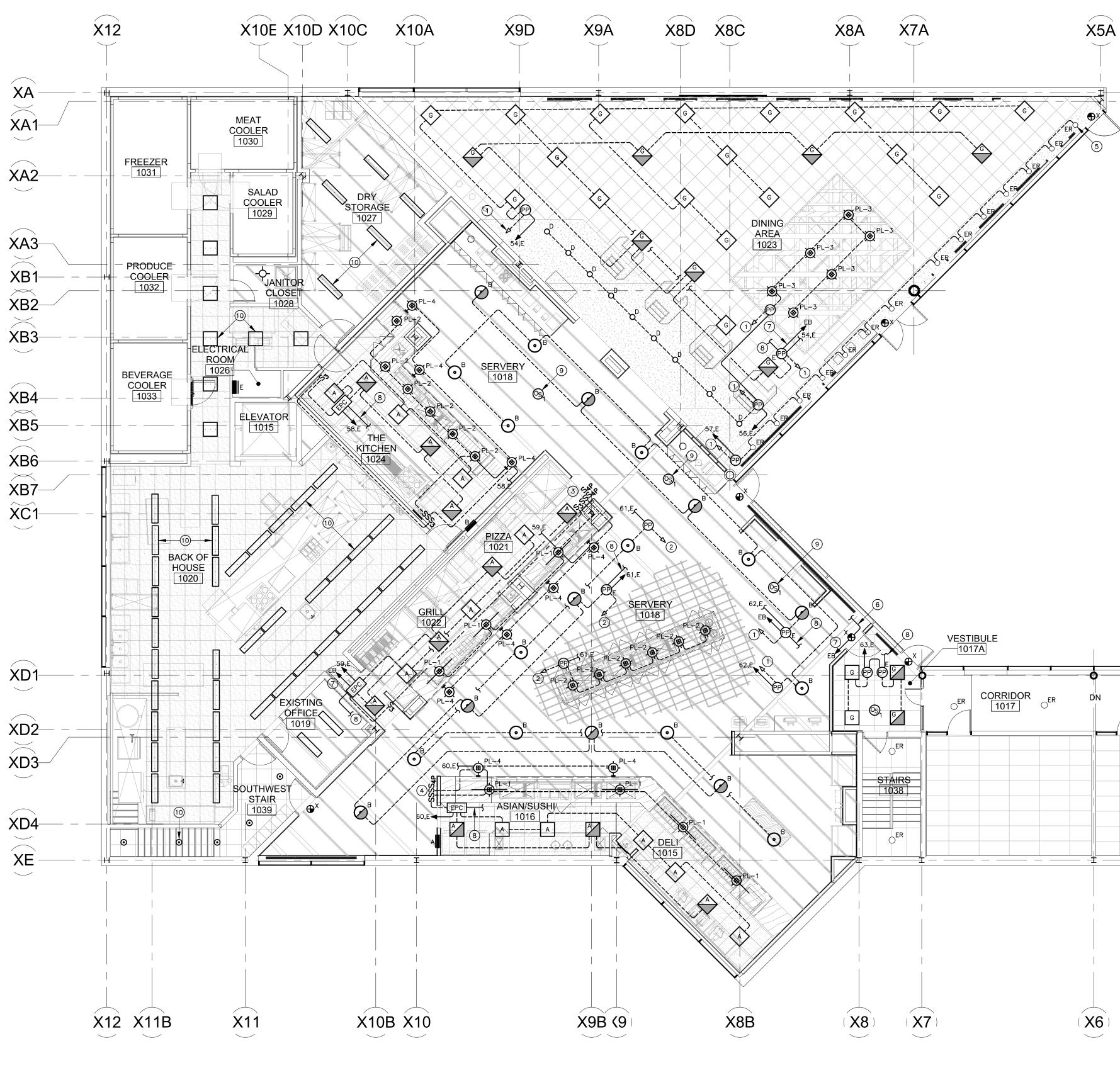
RENOVATION

AND

HILL RD 10577

NON'

735 ANDERSO PURCHASE,



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

DRAWING NOTES

(1) SWITCHLEG TO WALL POD STATION AT MAIN SWITCH BANK '1' NEAR PIZZA

(2) SWITCHLEG TO WALL POD STATION AT MAIN SWITCH BANK '2' NEAR ASIAN/SUSHI 1016.

(3) MAIN SWITCH BANK '1'.

(4) MAIN SWITCH BANK '2'.

5 EXISTING DOWNLIGHTS IN SOFFIT ALONG EXTERIOR WALL TO REMAIN; CONTROL AS INDICATED. CLEAN AND RELAMP, TYPICAL.

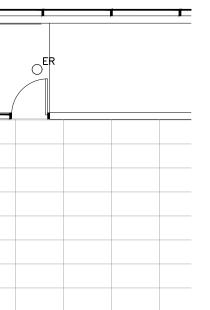
(6) 3/4"C, 2#12, #12G. CONNECT TO EACH EXIT SIGN, TYPICAL.

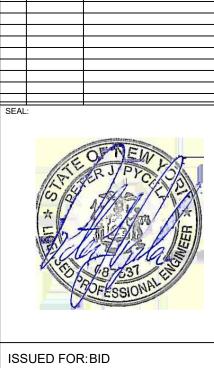
(7) 3/4"C, 2#12, #12G TO A 1P, 20A CIRCUIT BREAKER IN PANELBOARD INDICATED.

(8) 3/4"C, 2#12, #12G TO LIFE SAFETY BRANCH FEED THROUGH TO EACH EPC DEVICE AND LIFE SAFETY POWER PACK.

(9) OCCUPANCY SENSOR FOR CONTROL OF 10 TYPE 'B' FIXTURES IN SERVERY 1018 ON CIRCUIT 62,E.

10 REMOVE EXISTING LIGHT FIXTURES IN THIS AREA AND STORE FOR REINSTALLATION AFTER COMPLETION OF NEW SPRINKLER SYSTEM IN THIS AREA, TYPICAL.







ISSUED DATE: 02.15.2019

PROJECT NUMBER: 1517347

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FIRST FLOOR

LIGHTING PLAN

E-103

DRAWN BY: IES

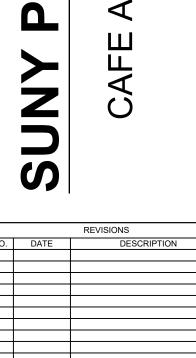
DRAWING NAME:

DRAWING NO.

CHECKED BY:IES











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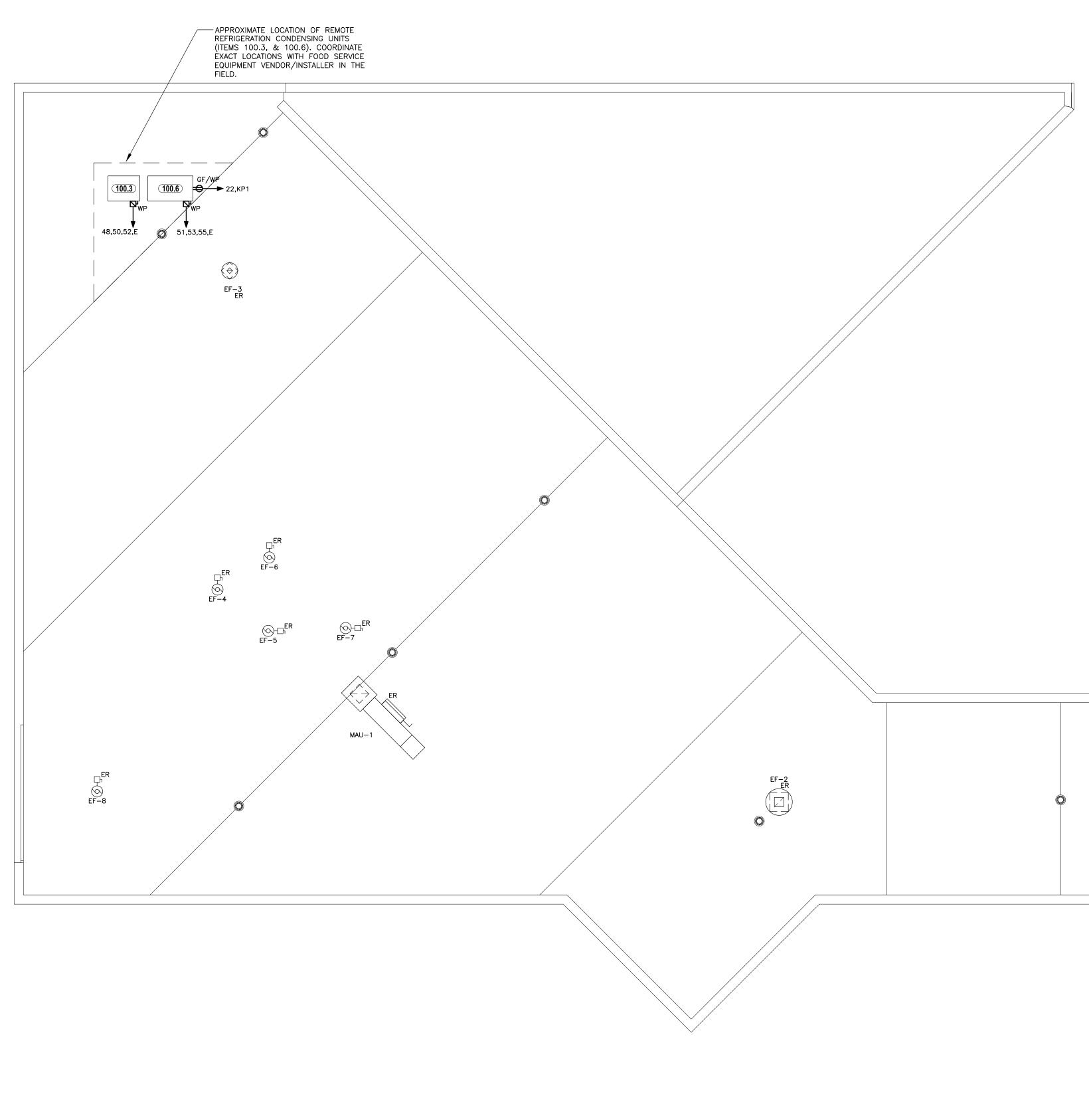
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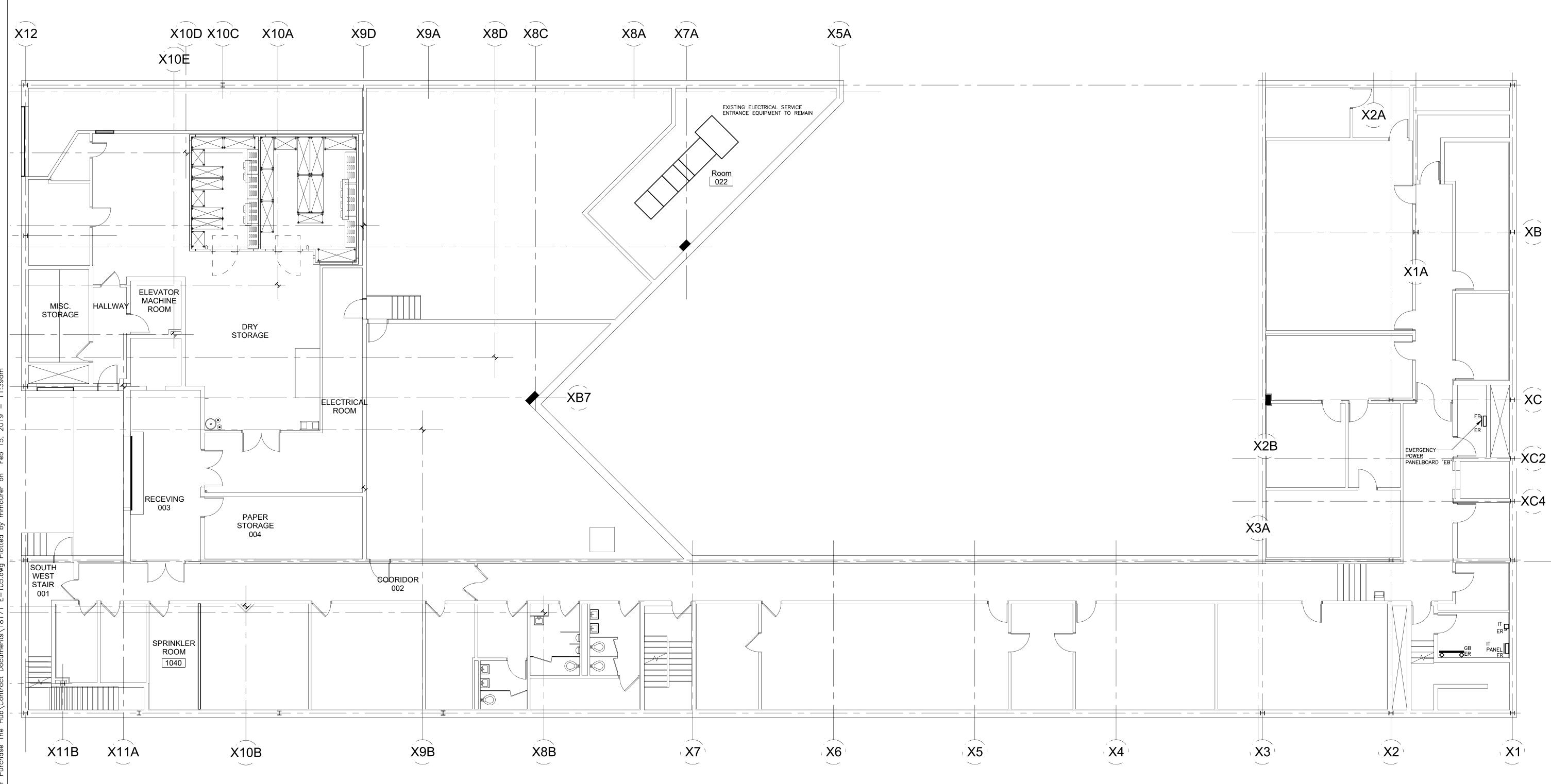
PHASE ZERO

DESIGN



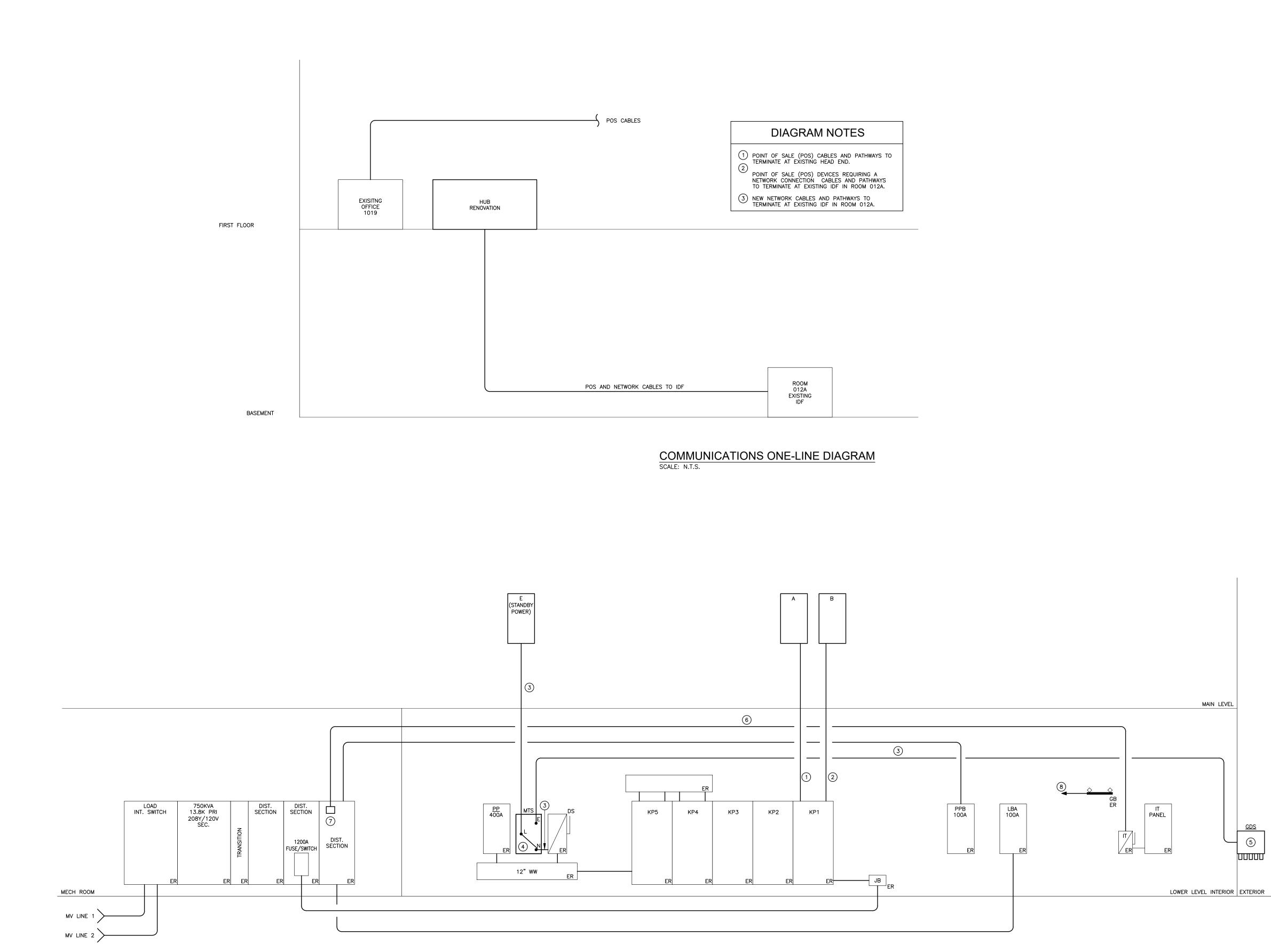
ROOF ELECTRICAL PLAN SCALE: 1/8"= 1'-0"





BASEMENT ELECTRICAL LOCATION PLAN SCALE: 1/8"= 1'-0"





ONE-LINE RISER DIAGRAM SCALE: N.T.S.



ONE LINE RISER DIAGRAM NOTES

- 1 3"C, 4#4/0, #4G.
- 2 3"C, 4#350KCMIL, #4G.
- 3 4"С, 4#500КСМІL, #3G.
- (4) 208V, 400A, 3 POLE, 4 WIRE, SOLID NEUTRAL, MANUAL TRANSFER SWITCH, ESL POWER SYSTEMS #3040 SERIES OR APPROVED EQUAL.
- 5 ESL POWER SYSTEM IB4 GENERATOR DOCKING STATION (GDS400) QUICK CONNECT/TAP BOX RATED FOR 208V, 400A, 3 PHASE, 4 WIRE, GROUND OPERATION IN NEMA TYPE 3R 304SS, EXTENDED DEPTH ENCLOSURE. 6) 1 1/2"C, 4#2, #6G.
- (7) CONNECT TO SPARE 3 POLE, 100A FUSE SWITCH. PROVIDE (3) 100A FUSES. (8) #3G with green insulation from it ground bar to electrical service entrance equipment ground buss.

MTS/GDS 400 ADD ALTERNATE

PROVIDE ADD ALTERNATE PRICE FOR MANUAL TRANSFER SWITCH (MTS), GENERATOR DOCKING STATION (GDS), AND FEEDER FROM MTS TO GDS. BASE BID IS PANELBOARD 'E' CONNECTED TO DS.

<u>GDS</u> 5 ססחחח



		E: MLC	J □ AL 400A MAIN BUS
INT	ERRUPTI	NG RATI	NG: 42KAIC
	СКТ.	BKR.	
CKT. NO.	TRIP AMPS	POLES	DESCRIPTION
1	20	2	ITEM NO. 02
3	-	-	_
5	20	1	ITEM NO. 77
7	20	1	ITEM NO. 75
9	20	1	ITEM NO. E80
11	20	1	ITEM NO. 91
13	20	1	ITEM NO. 90
15	20	1	ITEM NO. E127, E127.1
17	20	1	ITEM NO. E127, E127.1
19	20	1	ITEM NO. E86
21	20	1	ITEM NO. E84
23	20	1	ITEM NO. E71
25	20	1	ITEM NO. E82
27	20	1	ITEM NO. 40
29	20	1	ITEM NO. 13
31	20	1	ITEM NO. 14
33	20	1	ITEM NO. 14
35	20	1	ITEM NO. 14
37	20	1	ITEM NO. 21
39	20	1	ITEM NO. 26
41	20	1	ITEM NO. 100.1
43	20	2	ITEM NO.100.2
45	-	-	-
47	20	2	ITEM NO. 100.5
49	-	-	-
51	60	3	ITEM NO. 100.6
53	_	_	-
55	-	-	-
57	20	1	LIGHTING
59	20	1	LIGHTING
61	20	1	LIGHTING
63	20	1	LIGHTING
65	20	1	-
67	20	1	-
69	20	1	-
71	20	1	_

DANEL E

			PA	١EI	_ E							
				_					LOCATION: FIRST FLOOR ELECT		ОМ	
									MOUNTING: 🔲 FLUSH 🖾 SUF	RFACE		
									TRIM: 🔲 SINGLE DOOR	D00R	-IN-DOC	DR
										СКТ.	BKR.	
WIRE & CONDUIT	KVA						KVA	WIRE & CONDUIT	DESCRIPTION		TRIP	CKT. NO.
		/	Ą	В		С				POLES	AMPS	NO.
REFER TO SCHEUDLE	1.5	•	•				0.8	REFER TO SCHEDULE	ITEM NO. 09	1	20	2
-	1.6			•			0.8	REFER TO SCHEDULE	ITEM NO. 79	1	20	4
REFER TO SCHEDULE	1.2					•	0.5	REFER TO SCHEDULE	ITEM NO. 72	1	20	6
REFER TO SCHEDULE	1.8		•				1.8	REFER TO SCHEDULE	ITEM NO. 83	1	20	8
REFER TO SCHEDULE	0.3			•			1.0	REFER TO SCHEDULE	ITEM NO. 90	1	20	10
REFER TO SCHEDULE	1.2					•	1.2	REFER TO SCHEDULE	ITEM NO. 91	1	20	12
REFER TO SCHEDULE	1.0	•	•				1.8	REFER TO SCHEDULE	ITEM NO. E127, E127.1	1	20	14
REFER TO SCHEDULE	1.8			•		1	1.8	REFER TO SCHEDULE	ITEM NO. E127, E127.1	1	20	16
REFER TO SCHEDULE	1.8					•	1.8	REFER TO SCHEDULE	ITEM NO. E75	1	20	18
REFER TO SCHEDULE	0.7	•	•			1	0.7	REFER TO SCHEDULE	ITEM NO. E85	1	20	20
REFER TO SCHEDULE	1.2			•			1.8	REFER TO SCHEDULE	ITEM NO. E71	1	20	22
REFER TO SCHEDULE	1.8					•	1.2	REFER TO SCHEDULE	ITEM NO. E82	1	20	24
REFER TO SCHEDULE	1.2	•	•				1.8	REFER TO SCHEDULE	ITEM NO. 40	1	20	26
REFER TO SCHEDULE	1.8			•			0.7	REFER TO SCHEDULE	ITEM NO. E55	1	20	28
REFER TO SCHEDULE	1.0					•	0.7	REFER TO SCHEDULE	ITEM NO. E55	1	20	30
REFER TO SCHEDULE	0.8		•				1.0	REFER TO SCHEDULE	ITEM NO. E51	1	20	32
REFER TO SCHEDULE	0.8			•			1.8	REFER TO SCHEDULE	ITEM NO. E53	1	20	34
REFER TO SCHEDULE	0.8					•	0.9	REFER TO SCHEDULE	ITEM NO. 21	1	20	36
 REFER TO SCHEDULE	0.9	•	•				1.0	REFER TO SCHEDULE	ITEM NO. 24	1	20	38
REFER TO SCHEDULE	1.8			•			1.6	REFER TO SCHEDULE	ITEM NO. 60	1	20	40
REFER TO SCHEDULE	0.6					•	0.2	REFER TO SCHEDULE	ITEM NO. 100.2	2	20	42
REFER TO SCHEDULE	0.2		•				0.2	-	-	-	-	44
-	0.2			•			1.2	REFER TO SCHEDULE	ITEM NO. 100.4	1	20	46
REFER TO SCHEDULE	0.3					•	1.7	REFER TO SCHEDULE	ITEM NO. 100.3	3	30	48
-	0.3		•				1.7	-	-	-	_	50
REFER TO SCHEDULE	4.0			•			1.7	-	-	-	_	52
-	4.0					•	0.8	3/4"C, 2#12, #12G	LIGHTING	1	20	54
-	4.0		•				0.4	3/4"C, 2#12, #12G	LIGHTING	1	20	56
3/4"C, 2#12, #12G	0.4			•		1	0.5	3/4"C, 2#12, #12G	LIGHTING	1	20	58
 3/4"C, 2#12, #12G	0.5					•	0.4	3/4"C, 2#12, #12G	LIGHTING	1	20	60
 3/4"C, 2#12, #12G	1.0		•				0.6	3/4"C, 2#12, #12G	LIGHTING	1	20	62
 3/4"C, 2#12, #12G	0.4			•			0.0	-	-	1	20	64
 -	0.0					•	0.0	-	-	1	20	66
 -	0.0		•				0.0	-	-	1	20	68
 -	0.0			•		1	0.0	-	-	1	20	70
 -	0.0			\neg		•	0.0	-	-	1	20	72
 TOTALS PER PHASE			17	27	1 24	<u> </u>			1	-		

TOTALS PER PHASE GRAND TOTAL

23.7 27.1 24.2

75.0

RATING: 208Y/120V, 3 PHASE, 4 WIRES MAIN BUS: 🖾 CU 🗆 AL 🛛 400A MAIN BUS MAIN DEVICE: MLO INTERRUPTING RATING: 42KAIC CKT. BKR. CKT. NO. TRIP AMPS POLES DESCRIPTION WIRE & CONI 1 20 1 ITEM NO. E144 REFER TO SCHEE 3 20 1 ITEM NO. 22 REFER TO SCHEE
 5
 20
 2
 ITEM

 7
 ITEM NO. 11 REFER TO SCHEE 9 20 1 ITEM NO. E52 REFER TO SCHED 11 20 1 REFER TO SCHEE ITEM NO. 15 13 20 1 REFER TO SCHED ITEM NO. 15 REFER TO SCHED 15 20 1 ITEM NO. 16.3
 17
 20
 1

 19
 30
 1
 REFER TO SCHED ITEM NO. 31.1 ITEM NO. 28 REFER TO SCHEE 21 20 1 ITEM NO. E132 REFER TO SCHEE 23 20 1 ITEM NO. E132 REFER TO SCHED 25 30 1 ITEM NO. 27 REFER TO SCHEE 27 20 1 REFER TO SCHED ITEM NO. 31 29 60 1 ITEM NO. E114 REFER TO SCHED 31 20 1 ITEM NO. E116 REFER TO SCHED 33 20 1 ITEM NO. 41 REFER TO SCHEE 35 20 1 REFER TO SCHEE ITEM NO. 41 37 20 1 ITEM NO. 42.2 REFER TO SCHED 39 20 1 ITEM NO. 42.2 REFER TO SCHED 41 20 1 RECEPTACLES - 1018, 1017A 3/4"C, 2#12, # 43 20 1 -
 45
 20
 1

 47
 20
 1
 49 20 1 -51 20 1 -
 53
 20
 1

 55
 20
 1
 57 20 1 – 59 20 1 -61 20 1 -63 20 1 -65 20 1 -67 20 1 – 69 20 1 – 71 20 1 -TOTALS PER PHA

GRAND TOTAL

- · -		001/10-					PANE	EL B							
		•	DV, 3 PHASE, 4 WIRES □ AL 400A MAIN BUS				-	_				LOCATION: FIRST FLOOR SEF	VERY 1018	5	
		E: MLO										Mounting: 🖾 Flush 🔲 S	URFACE		
			, NG: 42KAIC									TRIM: 🗆 SINGLE DOOR	🛛 DOOR	-IN-DO	OR
	СКТ.												СКТ.	BKR.	\square
KT. 0.	TRIP AMPS	POLES	DESCRIPTION	WIRE & CONDUIT	KVA	A	N	В	с	KVA	WIRE & CONDUIT	DESCRIPTION	POLES		
1	20	2	ITEM NO. E81	REFER TO SCHEDULE	1.3	•	,			1.2	REFER TO SCHEDULE	ITEM NO. E78	1	20	2
3	-	-	_	-	1.3			•		1.2	REFER TO SCHEDULE	ITEM NO. E78	1	20	4
;	20	1	ITEM NO. 86	REFER TO SCHEDULE	1.0				•	1.0	REFER TO SCHEDULE	ITEM NO. 78	1	20	6
7	20	1	ITEM NO. 81	REFER TO SCHEDULE	1.0	•)			1.2	REFER TO SCHEDULE	ITEM NO. 85	1	20	8
)	20	1	ITEM NO. 84.2	REFER TO SCHEDULE	0.7			•		0.7	REFER TO SCHEDULE	ITEM NO. 15	1	20	10
1	30	1	ITEM NO. 82	REFER TO SCHEDULE	2.5				•	0.7	REFER TO SCHEDULE	ITEM NO. 84.1	1	20	12
3	20	1	ITEM NO. 85.1	REFER TO SCHEDULE	1.2	•)			3.3	REFER TO SCHEDULE	ITEM NO. E129	2	20	14
5	40	3	ITEM NO. 74	REFER TO SCHEDULE	3.7			•		3.3	-	-	-	-	16
7	-	-	-	-	3.7				•	\succ	3/4"C, 2#12, #12G	SHUNT TRIP - 120VAC	-	\succ	18
9	-	-	-	-	3.7	•)			3.7	REFER TO SCHEDULE	ITEM NO. 74	3	40	20
1	\ge	-	SHUNT TRIP – 120 VAC	#3/4"C, 2#12, #12G	\geq			•		3.7	-	-	-	-	22
3	60	2	ITEM NO. 73	REFER TO SCHEDULE	5.0				•	3.7	_	-	-	-	24
5	-	-	-	-	5.0	•)			\succ	3/4"C, 2#12, #12G	SHUNT TRIP – 120 VAC	-	\succ] 20
7	\ge	-	SHUNT TRIP – 120 VAC	3/4"C, 2#12, #12G	\geq			•		7.8	REFER TO SCHEDULE	ITEM NO. 71	3	100	28
9	20	1	ITEM NO. E143	REFER TO SCHEDULE	0.5				•	7.8	_	-	-	-	30
1	20	1	ITEM NO. E143	REFER TO SCHEDULE	0.5	•)			7.8	-	-	-	-	32
3	20	1	ITEM NO. E143	REFER TO SCHEDULE	0.5			•		\geq	3/4"C, 2#12, #12G	SHUNT TRIP – 120 VAC	1	\geq	34
5	20	1	ITEM NO. E143	REFER TO SCHEDULE	0.5				•	0.5	REFER TO SCHEDULE	ITEM NO. E143	1	20	36
7	20	1	ITEM NO. E143	REFER TO SCHEDULE	0.5	•)			1.8	REFER TO SCHEDULE	ITEM NO. E145	1	20	38
9	20	1	ITEM NO. 55	REFER TO SCHEDULE	0.5			•		3.0	REFER TO SCHEDULE	ITEM NO. 51	1	35	4(
1	20	1	ITEM NO. 54.2	REFER TO SCHEDULE	0.7				•	1.0	REFER TO SCHEDULE	ITEM NO. 56	1	20	42
3	20	1	ITEM NO. 52	REFER TO SCHEDULE	1.0	•)			0.7	REFER TO SCHEDULE	ITEM NO. 54.3	1	20	4
5	20	1	ITEM NO. 57	REFER TO SCHEDULE	0.7			•		0.7	REFER TO SCHEDULE	ITEM NO. 53	1	20	4
7	20	1	ITEM NO. 55.1	REFER TO SCHEDULE	0.5				•	0.5	REFER TO SCHEDULE	ITEM NO. 62	1	20	4
9	20	1	ITEM NO. 15	REFER TO SCHEDULE	0.5	•)			0.5	REFER TO SCHEDULE	ITEM NO. 62.1	1	20	5
1	20	1	ITEM NO. 15	REFER TO SCHEDULE	0.5			•		0.4	3/4"C, 2#12, #12G	RECEPTACLES - 1018, 1023	1	20	5
3	20	1	-	-	0.0				•	0.0	-	-	1	20	5
5	20	1	-	-	0.0	•)			0.0	-	-	1	20	5
7	20	1	-	-	0.0			•		0.0	-	-	1	20	5
9	20	1	-	-	0.0				•	0.0	-	-	1	20	6
	20	1	-	-	0.0	•)			0.0	-	-	1	20	6
5	20	1	-	-	0.0			<u> </u>		0.0	-	-	1	20	6
5	20	1	-	-	0.0				•	0.0	-	-	1	20	6
7	20	1	-	-	0.0	•	•			0.0	-	-	1	20	6
9	20	1	-	-	0.0			•		0.0	-	-	1	20	7
71	20	1	-	-	0.0				•	0.0	-	-	1	20	72
				TOTALS PER PHASE		34	.9 2	8.7 2	9.6						

			PΑ	NE	EL	А							
				_	-					LOCATION: FIRST FLOOR -1	016		
										Mounting: 🖾 Flush 🔲 S	URFACE		
										TRIM: 🔲 SINGLE DOOR	🛛 DOOR	-IN-DOC	DR
											СКТ.	BKR.	
NDUIT	KVA	,	4	E	3	с		KVA	WIRE & CONDUIT	DESCRIPTION	POLES	TRIP AMPS	CK NC
EDULE	1.0	•	•					1.6	REFER TO SCHEDULE	ITEM NO. 22	1	20	2
EDULE	1.6			•	•			0.9	REFER TO SCHEDULE	ITEM NO. 52	1	20	4
EDULE	2.7					•		2.7	REFER TO SCHEDULE	ITEM NO. 11	2	20	6
	2.7	•						2.7	-	-	-	-	8
EDULE	0.9				•			1.2	REFER TO SCHEDULE	ITEM NO. 17.1	1	20	10
EDULE	1.2					•		0.7	REFER TO SCHEDULE	ITEM NO. 16.1	1	20	12
EDULE	1.2	•	•					1.2	REFER TO SCHEDULE	ITEM NO. 17	1	20	14
EDULE	0.7			•	•			0.7	REFER TO SCHEDULE	ITEM NO. 30.1	1	20	16
EDULE	1.2					•		0.7	REFER TO SCHEDULE	ITEM NO. 30.2	1	20	18
EDULE	2.5	•					╈	0.7	REFER TO SCHEDULE	ITEM NO. 30.3	1	20	20
EDULE	1.9				•			1.9	REFER TO SCHEDULE	ITEM NO. E132	1	20	22
EDULE	1.9					•		0.7	REFER TO SCHEDULE	ITEM NO. 29	1	20	24
EDULE	2.5		•					0.7	REFER TO SCHEDULE	ITEM NO. 30.4	1	20	2
EDULE	1.2				•			0.4	REFER TO SCHEDULE	RECEPTACLES – 1016	1	20	28
EDULE	5.0					•		2.5	REFER TO SCHEDULE	ITEM NO. E115	1	20	3(
EDULE	2.5		•					0.8	REFER TO SCHEDULE	ITEM NO. 41	1	20	32
EDULE	0.8				•			0.8	REFER TO SCHEDULE	ITEM NO. 41	1	20	34
EDULE	0.8					•		0.7	REFER TO SCHEDULE	ITEM NO. 42.1	1	20	36
EDULE	0.7		•					0.7	REFER TO SCHEDULE	ITEM NO. 42.3	1	20	38
EDULE	0.7			(•			0.7	REFER TO SCHEDULE	ITEM NO. 42.5	1	20	4(
#12G	0.6					•		0.0	-	-	1	20	42
<u></u>	0.0		•					0.0	-	-	1	20	44
	0.0				•			0.0	-	-	1	20	46
	0.0					•		0.0	-	-	1	20	48
	0.0	•	•			\neg		0.0	-	-	1	20	50
	0.0			(•			0.0	-	-	1	20	52
	0.0					•		0.0	-	-	1	20	54
	0.0	•	•			\neg		0.0	-	-	1	20	5
	0.0				•			0.0	-	-	1	20	5
	0.0					•		0.0	-	-	1	20	6
	0.0	•						0.0	-	-	1	20	6
	0.0			•	•	$\neg \uparrow$		0.0	_	-	1	20	64
	0.0					•		0.0	-	-	1	20	6
	0.0	•	•			\neg		0.0	-	-	1	20	6
	0.0			(•			0.0	-	-	1	20	7
	0.0					•		0.0	-	-	1	20	7:
	-	21	•	1	l.4	21.4				•			

0.0				
	21	.5	14	.4
57.3				



			OV, 3 PHASE, 4 WIRE J □ AL 1200A MAIN BUS				IEL K (ISTIN				LOCATION: BASEMENT ELECTRI	CAL ROOM	V	
1		CE: 100									MOUNTING: 🔲 FLUSH 🖾 SU	RFACE		
			NG: FIELD VERIFY								TRIM: 🛛 SINGLE DOOR		≀–IN–DO(OR
Скт	СКТ	. BKR.										CKT.	BKR.	скт
NO.		POLES	DESCRIPTION	WIRE & CONDUIT	KVA	A	В	с	KVA	WIRE & CONDUIT	DESCRIPTION	POLES	TRIP AMPS	NO.
1	100	3	ITEM NO. 01	REFER TO SCHEDULE	7.8	-			· 4.0	REFER TO SCHEDULE	ITEM NO. 08	2	50	2
3	-	-	-	-	7.8		-		4.0	-	-	-	-	4
5	-	-	-	-	7.8				· 4.7	REFER TO SCHEDULE	ITEM NO. 50	3	50	6
7	\succ	1	SHUNT TRIP 120V	3/4"C, 2#12, #12G	\rightarrow	-			· 4.7	-	-	-	-	8
9	50	3	ITEM NO. 50	REFER TO SCHEDULE	4.7				· 4.7	-	-	-	-	10
11	-	-	-	-	4.7				· 4.7	REFER TO SCHEDULE	ITEM NO. 50	3	50	12
13	-	-	-	-	4.7				· 4.7	-	-	-	-	14
15	400	3	PANEL A	REFER TO RISER	21.5				· 4.7	-	-	-	-	16
17	-	-	-	-	14.4				- 1.0	3/4"C, 2#12, #12G	OUTSIDE RECEPTACLES	1	20	18
19	-	-	-	-	20.8	_+_			· 0.2	3/4"C, 2#12, #12G	UH-1	1	20	20
21	400	3	PANEL B	REFER TO RISER	34.9				0.6	3/4"C, 2#12, #12G	RECEPTACLES - ROOF	1	20	22
23	-	-	-	-	28.3				· 1.0	3/4"C, 2#12, #12G	FRONT OUTSIDE LIGHTS	1	20	24
25	-	-	-	-	29.6				- 1.0	3/4"C, 2#12, #12G	FRONT OUTSIDE LIGHTS	1	20	26
27	20	1	-	-	0.0				· 1.0	3/4"C, 2#12, #12G	FRONT OUTSIDE LIGHTS	1	20	28
29	20	1	-	-	0.0				· 1.0	3/4"C, 2#12, #12G	FRONT OUTSIDE LIGHTS	1	20	30
31	20	1	-	-	0.0				0.0	-	-	1	20	32
33	20	1	-	-	0.0				· 0.0	-	-	1	20	34
35	20	1	-	-	0.0				· 0.0	-	-	1	20	36
37	20	1	-	-	0.0				· 0.0	-	-	1	20	38
39	20	1	-	-	0.0				0.0	-	-	1	20	40
41	20	1	-	-	0.0				· 0.0	-	-	1	20	42

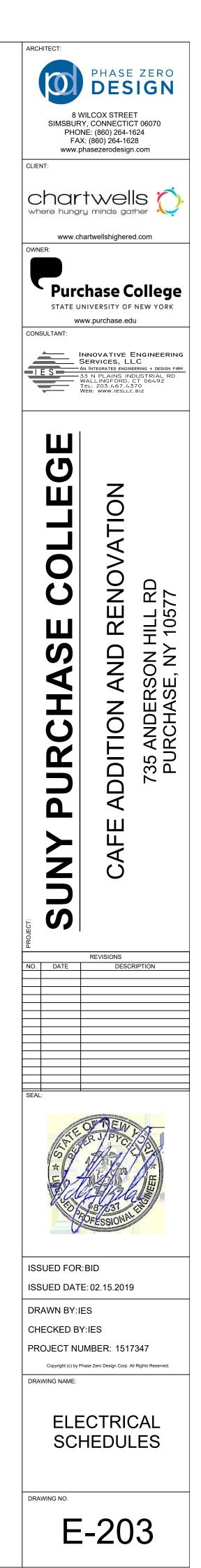
	MAI MAI	n Bus: N Devic	E: MLC	DV, 3 PHASE, 4 WIRE □ AL 1200A MAIN BUS) NG: FIELD VERIFY			PANEL (EXIST					Location: Basement Electric/ Mounting: □ Flush ⊠ Surf TRIM: ⊠ Single Door	ACE		OR
	СКТ.	CKT.	BKR.										СКТ.	BKR.	скт.
	NO.	TRIP AMPS	POLES	DESCRIPTION	WIRE & CONDUIT	KVA	A	В		KVA	WIRE & CONDUIT	DESCRIPTION	POLES	TRIP AMPS	NO.
(A)	1	20	2	EUH-1	3/4"C, 2#12, #12G	1.2	-		\vdash	0.4	3/4"C, 2#12, #12G	RECEPTACLES - SPRINKLER RM	1	20	2
)	3	-	-	_	-	1.2		•	-1	0.0	-	-	1	20	4
	5	-	1	_	-	0.0				0.0	-	-	1	20	6
	7	20	3	-	-	0.0	-			0.0	-	-	3	20	8
	9	-	-	_	-	0.0	_	•	\vdash	0.0	-	-	-	-	10
	11	-	-	-	-	0.0				0.0	-	-	-	-	12
	13	20	3	_	-	0.0	-		-1	0.0	-	-	3	40	14
	15	-	-	-	-	0.0		•		0.0	-	_	-	-	16
	17	-	-	-	-	0.0				0.0	-	_	-	-	18
	19	20	3	-	-	0.0	-		-1	0.0	-	_	3	20	20
	21	-	-	-	-	0.0		•	-1	0.0	-	_	-	-	22
	23	-	-	-	-	0.0				0.0	-	_	-	-	24
	25	20	3	-	-	0.0	-		-1	0.0	-	_	3	20	26
	27	-	-	-	-	0.0		•	-1	0.0	-	-	-	-	28
	29	-	-	-	-	0.0				0.0	-	-	-	-	30
	31	20	1	-	-	0.0	-		FI	0.0	-	-	3	20	32
	33	20	1	-	-	0.0		♦	$\left \right $	0.0	-	-	-	-	34
	35	20	1	-	-	0.0				0.0	-	-	-	-	36
	37	20	3	-	-	0.0	•		-	0.0	-	SPACE	3	-	38
	39	-	-	-	-	0.0		∳		0.0	-	-	-	-	40
	41	-	-	-	-	0.0				0.0	-	-	-	-	42
	43	30	1	-	-	0.0	-		-1	0.0	-	-	1	20	44
	45	-	-	_	-	0.0	_	•	\vdash	0.0	-	SPACE	1	-	46

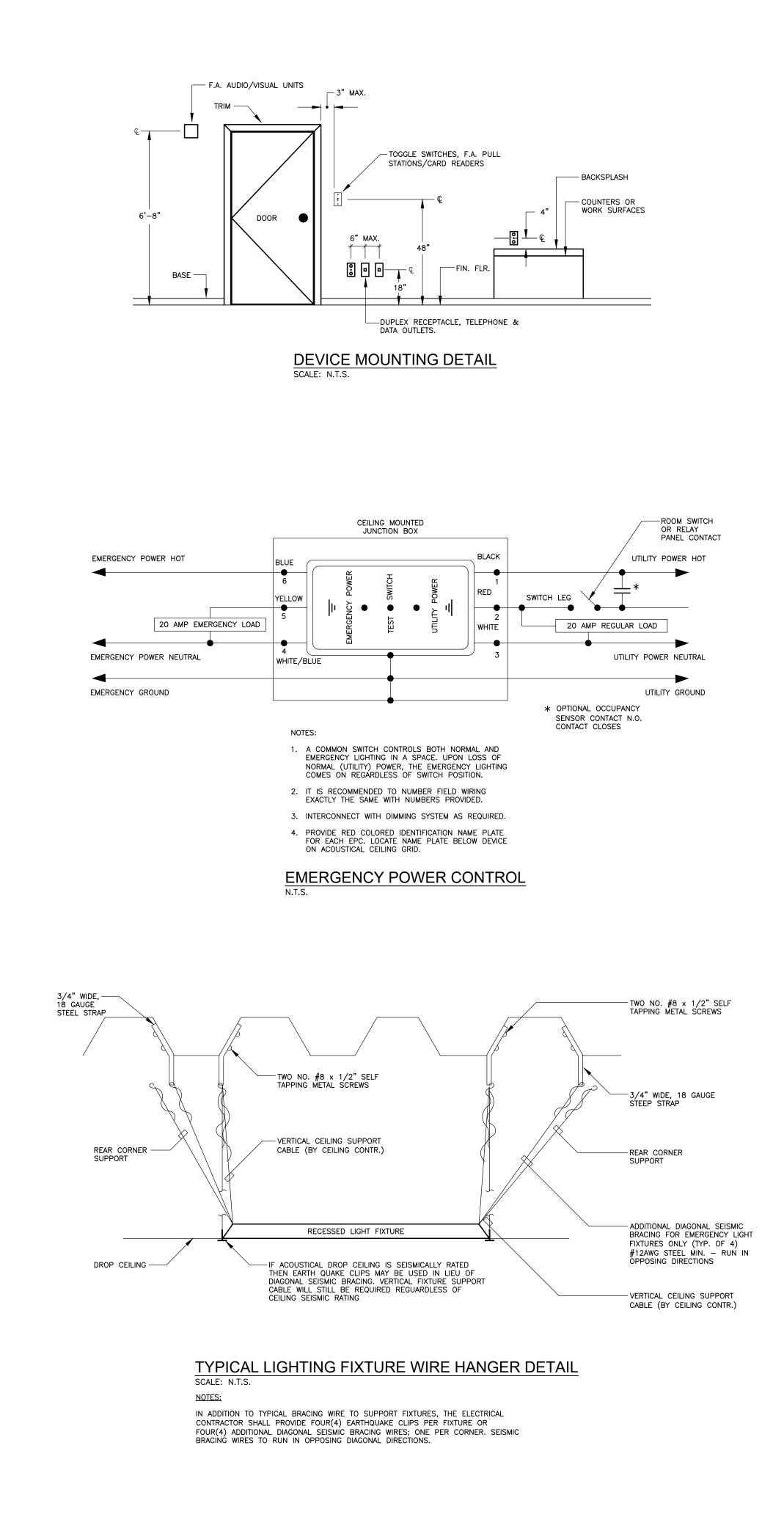
PANELBOARD NOTES:

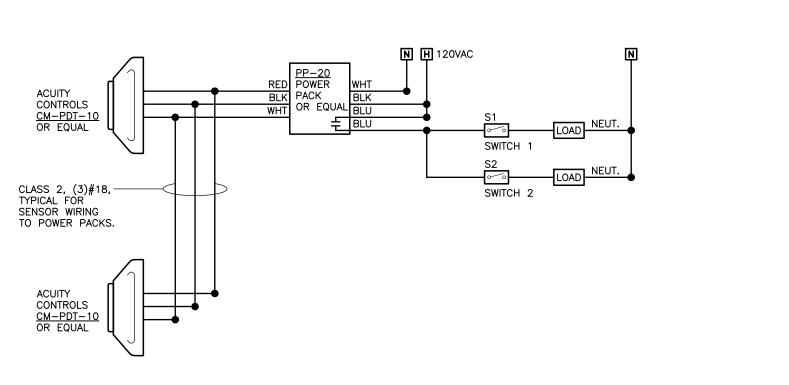
A REMOVE EXISTING CIRCUIT BREAKER(S) AND PROVIDE INDICATED CIRCUIT BREAKER, BUSSING AND MOUNTING HARDWARE AS REQUIRED.

ARCHITECT: DESIGN 8 WILCOX STREET SIMSBURY, CONNECTICT 06070 PHONE: (860) 264-1624 FAX: (860) 264-1628 www.phasezerodesign.com CLIENT: chartwells www.chartwellshighered.com OWNER: Purchase College STATE UNIVERSITY OF NEW YORK www.purchase.edu CONSULTANT: INNOVATIVE ENGINEERING SERVICES, LLC AN INTEGRATED ENGINEERING + DESIGN FIRM 33 N PLAINS INDUSTRIAL RD WALLINGFORD, CT 06492 TEL: 203.467.4370 WEB: WWW.IESLLC.BIZ Ш С COLLE ADDITION AND RENOVATION 735 ANDERSON HILL RD PURCHASE, NY 10577 Ш S 4 PURCH CAFE SUNY REVISIONS DESCRIPTION NO. DATE ISSUED FOR: BID ISSUED DATE: 02.15.2019 DRAWN BY:IES CHECKED BY: IES PROJECT NUMBER: 1517347 Copyright (c) by Phase Zero Design Corp. All Rights Reserved. DRAWING NAME: ELECTRICAL SCHEDULES DRAWING NO. E-202

		FOOD SER	/ICE EI		SCHE	DULE	- FIRST LE	VEL		
NO QTY		AMPS	WATTS	HP VOLTS	PHASE	CYCLE	CONN TYPE	NEMA	ELEC AFF	CONDUIT AND WIRE
1 1 2 1	SE36 SERIES ELECTRIC RANGE	65.00 14.90	21600	- 208 208	3 1	60 60	DIRECT	-	48" 48"	1 1/4"C, 3#3, #8G. CORD & PLUG SUITABLE FOR EQUIPMENT PROVIDED BY K.E.C. 3/4"C, 2#12, #12G
3 1	UNDERCOUNTER DISHWASHER	38.60		208	1	60	DIRECT		18"	1"C, 2#6, #10G
9 1 1 2	REFRIGERATOR, REACH-IN SANDWICH PRESS	6.90 26.00		120 208	1	60 60	CORD & PLUG CORD & PLUG	5-15P 6-30P	48" 36"	3/4"C, 2#12, #12G 3/4"C, 2#10, #10G
3 1	REFRIGERATED SERVICE CASE, SLIDE IN	9.76		120	1	60	CORD & PLUG	5-15P	18"	3/4"C, 2#12, #12G
4 <u>3</u> 5 6	SANDWICH UNIT, REFRIGERATED OMS SCREEN	7.10		1/5 120 120	1	60 60	CORD & PLUG CORD & PLUG	5-15P 5-15P	18" 48"	3/4"C, 2#12, #12G 3/4"C, 2#12, #12G
.1 1	SNEEZE GUARD	5.00		120	1	60	DIRECT		18"	ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER, 3/4"C, 2#12, #12G
.2 1 .3 1	SNEEZE GUARD SNEEZE GUARD	5.00 5.00		120 120	1	60 60	DIRECT		18" 18"	ESTIMATED UTILITIES – VERIFY WITH MANUFACTURER, 3/4"C, 2#12, #12G ESTIMATED UTILITIES – VERIFY WITH MANUFACTURER, 3/4"C, 2#12, #12G
7 1	42" (16:9) LCD SCREEN	10.00		120	1	60	CORD & PLUG	5-15P	72"	DATA CONNECTION - ESTIMATED UTILITIES - FIELD VERIFY, 3/4"C, 2#12, #12G
.1 1 1 2	42" (16:9) LCD SCREEN UNDERCOUNTER REFRIGERATOR, GLASS DOOR	10.00 7.40		120 1/4 120	1	60 60	CORD & PLUG CORD & PLUG	5-15P 5-15P	72 " 18"	DATA CONNECTION – ESTIMATED UTILITIES – FIELD VERIFY, 3/4"C, 2#12, #12G 3/4"C, 2#12, #12G
2 2	· · · · · ·	12.90		120	1	60	CORD & PLUG	5-15P	48"	3/4"C, 2#12, #12G
4 1 5 1	REFRIGERATOR, ROLL-IN REFRIGERATED CASE	9.60 14.58		120 120	1	60 60	CORD & PLUG CORD & PLUG	5-15P 5-15P	80" 18"	3/4"C, 2#12, #12G 3/4"C, 2#12, #12G
7 1	HOT/COLD PAN, DROP-IN	21.00		120/208	1	60	DIRECT		18"	VERIFY ELECTRICAL REQUIREMENTS, 3/4"C, 2#10, #10G
3 1 9 1	HOT/COLD PAN, DROP-IN VENTLESS ISLAND EXHAUST HOOD	21.00 5.00		120/208 208	1	60 60	DIRECT		18" 144"	VERIFY ELECTRICAL REQUIREMENTS, 3/4"C, 2#10, #10G 3/4"C, 2#12, #12G
.1 1	SNEEZE GUARD LIGHT	5.00		120	1	60	DIRECT		18"	ESTIMATED UTILITIES – VERIFY WITH MANUFACTURER, 3/4"C, 2#12, #12G
.2 1 .3 1	SNEEZE GUARD LIGHT SNEEZE GUARD LIGHT	5.00		120 120	1	60 60	DIRECT		18" 18"	ESTIMATED UTILITIES – VERIFY WITH MANUFACTURER, 3/4"C, 2#12, #12G ESTIMATED UTILITIES – VERIFY WITH MANUFACTURER, 3/4"C, 2#12, #12G
.4 2	SNEEZE GUARD LIGHT	5.00		120	1	60	DIRECT		18"	ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER, 3/4"C, 2#12, #12G
1 1 .1 1	42" (16:9) LCD SCREEN 42" (16:9) LCD SCREEN	10.00		120 120	1	60 60	CORD & PLUG CORD & PLUG	5-15P 5-15P	72 " 72"	DATA CONNECTION – ESTIMATED UTILITIES – FIELD VERIFY, 3/4"C, 2#12, #12G DATA CONNECTION – ESTIMATED UTILITIES – FIELD VERIFY, 3/4"C, 2#12, #12G
) 2	REFRIGERATED SELF-SERVE MERCHANDISER	15.00		120	1	60 60	CORD & PLUG	5-15P L14-20	72 18"	3/4"C, 2#12, #12G
1	SOUP WARMER/RETHERMALIZER SNEEZE GUARD	6.70 5.00		120	1	60 60	CORD & PLUG DIRECT	5-15P	18" 18"	3/4"C, 2#12, #12G ESTIMATED UTILITIES – VERIFY WITH MANUFACTURER, 3/4"C, 2#12, #12G
.1 1 2 1	SNEEZE GUARD SNEEZE GUARD	5.00		120 120	1 1	60 60	DIRECT		18" 18"	ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER, 3/4°C, 2#12, #12G ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER, 3/4°C, 2#12, #12G
.3 1	SNEEZE GUARD	5.00		120	1	60	DIRECT		18"	ESTIMATED UTILITIES – VERIFY WITH MANUFACTURER, 3/4"C, 2#12, #12G
.4 1 .5 1	SNEEZE GUARD SNEEZE GUARD	5.00 5.00		120 120	1	60 60	DIRECT		18" 18"	ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER, 3/4"C, 2#12, #12G ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER, 3/4"C, 2#12, #12G
) 1	TRIPLE DECK PIZZA OVEN	39.00		208	3	60	DIRECT		16"	1"C, 3#6, #10G
) 1) 1	TRIPLE DECK PIZZA OVEN - 2ND CONNECTION TRIPLE DECK PIZZA OVEN - 3RD CONNECTION	39.00 39.00		208 208	3 3	60 60	DIRECT		34" 52"	1"C, 3#6, #10G 1"C, 3#6, #10G
1 1	HOT/COLD PAN, DROP-IN	25.00		120	1	60	DIRECT		18"	1"C, 2#8, #10G
2 1 3 1	HEATED SHELF, DROP-IN HEATED SHELF, DROP-IN	8.30 5.50		120 120	1	60 60	CORD & PLUG	5–15P 5–15P	18" 18"	3/4"C, 2#12, #12G 3/4"C, 2#12, #12G
.1 1	SNEEZE GUARD LIGHT	5.00		120	1	60	DIRECT		18"	ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER, 3/4"C, 2#12, #12G
.2 1 .3 1	SNEEZE GUARD LIGHT SNEEZE GUARD LIGHT	5.00		120 120	1	60 60	DIRECT		18" 18"	ESTIMATED UTILITIES – VERIFY WITH MANUFACTURER, 3/4"C, 2#12, #12G ESTIMATED UTILITIES – VERIFY WITH MANUFACTURER, 3/4"C, 2#12, #12G
5 1	42" (16:9) LCD SCREEN	10.00		120	1	60	CORD & PLUG	5-15P	72"	DATA CONNECTION - ESTIMATED UTILITIES - FIELD VERIFY, 3/4°C, 2#12, #12G
.1 1	42" (16:9) LCD SCREEN	10.00	0.05	120	1	60	CORD & PLUG	5-15P	72"	DATA CONNECTION - ESTIMATED UTILITIES - FIELD VERIFY, 3/4"C, 2#12, #12G
6 1 7 1	HEAT LAMP, STRIP TYPE HEAT LAMP, STRIP TYPE		925 575	120 120	1	60 60	DIRECT		18" 18"	3/4"C, 2#12, #12G 3/4"C, 2#12, #12G
) 1	SANDWICH TOP REFRIGERATOR	13.00		1/2 120	1	60	CORD & PLUG	5-15P	0"	3/4°C, 2#12, #12G
2 1 .1 1	42" (16:9) LCD SCREEN 42" (16:9) LCD SCREEN	10.00		120	1	60 60	CORD & PLUG	5-15P 5-15P	72 " 72"	DATA CONNECTION – ESTIMATED UTILITIES – FIELD VERIFY, 3/4"C, 2#12, #12G DATA CONNECTION – ESTIMATED UTILITIES – FIELD VERIFY, 3/4"C, 2#12, #12G
1 1	SE36 SERIES ELECTRIC RANGE	65.00	21600	208	3	60	DIRECT		48"	CORD & PLUG SUITABLE FOR EQUIPMENT PROVIDED BY K.E.C., 1 1/4"C, 3#3, #8G
2 1 3 1	GRIDDLE STAND, REFRIGERATOR STAR-MAX ELECTRIC CHAR-BROILERS	3.80 47.60	9900	120 208	1	60 60	CORD & PLUG DIRECT	5–15P	18" 0"	3/4"C, 2#12, #12G 1"C, 3#6, #10G. CORD & PLUG SUITABLE FOR EQUIPMENT PROVIDED BY K.E.C.
1	OVEN-STEAMER, COMBI ELECTRIC	35.00		208	3	60	CORD & PLUG	5-15P	30"	1"C, 3#6, #10G
4 1 5 1	OVEN-STEAMER, COMBI ELECTRIC - 2ND CONNECTION EXHAUST HOOD	35.00 15.00		208 120	3	60 60	CORD & PLUG DIRECT	5–15P	34" 104"	1"C, 3#6, #10G 3/4"C, 2#12, #12G
7 1	REFRIGERATOR, ROLL-IN	9.60		120	1	60	CORD & PLUG	5–15P	80"	3/4"C, 2#12, #12G
3 1 9 1	HOT CABINET, ROLL-IN REFRIGERATOR, UNDERCOUNTER	7.90 6.30		120/208 120	1	60 60	DIRECT CORD & PLUG	5–15P	80" 18"	3/4"C, 2#12, #12G 3/4"C, 2#12, #12G
, , , , , , , , , , , , , , , , , , ,	HEATED SELF, DROP-IN	8.30		120	1	60	CORD & PLUG	5-15P	18"	3/4"C, 2#12, #12G
2 1 3 1	HOT/COLD PAN, DROP-IN	21.00 15.02		120/208	1	60		E 15D	18"	VERIFY ELECTRICAL REQUIREMENTS, 3/4"C, 2#10, #10G 3/4"C, 2#12, #12G
.1 2	REFRIGERATOR CASE SNEEZE GUARD LIGHT	5.00		120 120	1	60 60	CORD & PLUG DIRECT	5–15P	18" 18"	ESTIMATED UTILITIES – VERIFY WITH MANUFACTURER, 3/4"C, 2#12, #12G
.2 1	SNEEZE GUARD LIGHT	5.00		120	1	60	DIRECT	5 450	18"	ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER, 3/4"C, 2#12, #12G
5 1 .1 1	42" (16:9) LCD SCREEN 42" (16:9) LCD SCREEN	10.00		120 120	1	60 60	CORD & PLUG	5-15P 5-15P	72 " 72"	DATA CONNECTION – ESTIMATED UTILITIES – FIELD VERIFY, 3/4"C, 2#12, #12G DATA CONNECTION – ESTIMATED UTILITIES – FIELD VERIFY, 3/4"C, 2#12, #12G
5 1	HEAT LAMP, STRIP TYPE		925	120	1	60	DIRECT		18"	3/4"C, 2#12, #12G
) 2 1 2		8.50		120 120	1	60 60	DIRECT CORD & PLUG	5–15P	48" 48"	3/4"C, 2#12, #12G DATA CONNECTION – ESTIMATED UTILITIES – FIELD VERIFY, 3/4"C, 2#12, #12G
).1 1	COOLER LIGHT AND WINDOW HEATER	5.00		120	1	60	DIRECT		102"	3/4"C, 2#12, #12G
0.2 2 0.3 1	EVAPORATOR COIL, COOLER CONDENSING UNIT, COOLER	2.00 13.90		208 1 208	1 3	60 60	DIRECT		102" 18"	3/4"C, 2#12, #12G 3/4"C, 3#10, #10G
.4 1	LIGHT AND DOOR HEAT, FREEZER	10.00		120	1	60	DIRECT		102"	3/4"C, 2#12, #12G
0.5 1 0.6 1	EVAPORATOR COIL, FREEZER CONDENSING UNIT, FREEZER	2.40 33.50		208 208	1	60 60	DIRECT		120" 18"	3/4"C, 2#12, #12G 1"C, 3#6, #10G
.6 1 1 1	WORKTOP REFRIGERATOR	8.50		1/3 120	1	60	CORD & PLUG	5–15P	18	3/4"C, 2#12, #12G
2 2 3 1	SLICER REFRIGERATOR, SANDWICH/SALAD PREP	7.00		1/2 120 120	1	60 60	CORD & PLUG CORD & PLUG	5-15P 5-15P	48" 18"	3/4"C, 2#12, #12G 3/4"C, 2#12, #12G
5 2	WORKTOP REFRIGERATOR	5.00		120	1	60 60	CORD & PLUG	5-15P 5-15P	18	3/4"C, 2#12, #12G
1 2 5 1	IPAD NUTRITION KIOSK MILD DISPENSER	15.00	1800	120 120	1	60 60	CORD & PLUG CORD & PLUG	5-15P 5-15P	18" 48"	3/4"C, 2#12, #12G 3/4"C, 2#12, #12G
5 I 8 2	COFFEE GRINDER	9.40		120	1	60 60	CORD & PLUG CORD & PLUG	5-15P 5-15P	48" 18"	3/4°C, 2#12, #12G 3/4°C, 2#12, #12G
0 1	MILK DISPENSER	1.90		120	1	60	CORD & PLUG	5-15P	48"	3/4"C, 2#12, #12G
1 1 2 2	THERMAL COFFEE BREWER, DOUBLE POS, SELF-CHECKOUT	12.00		120 120	1	60 60	DIRECT CORD & PLUG	5–15P	48" 48"	ESTIMATED UTILITIES – FIELD VERIFY, 3/4"C, 2#12, #12G ESTIMATED UTILITIES – FIELD VERIFY, 3/4"C, 2#12, #12G
4 1	GLASS DOOR MERCHANDISER REFRIGERATOR	10.20	1173	1/2 120	1	60	CORD & PLUG	5–15P	18"	3/4"C, 2#12, #12G
5 1 6 1	REACH-IN REFRIGERATOR GLASS DOOR MERCHANDISER REFRIGERATOR	5.20 6.80	782	120 3/8 120	1	60 60	CORD & PLUG CORD & PLUG	5-15P 5-15P	48" 18"	3/4"C, 2#12, #12G 3/4"C, 2#12, #12G
14 1	HOT/COLD PAN, DROP-IN	42.00	, 52	120/208	1	60	DIRECT		18"	VERIFY ELECTRICAL REQUIREMENTS, 1"C, 2#6, #10G
15 1 16 1	HOT/COLD PAN, DROP-IN HOT/COLD PAN, DROP-IN	21.00		120/208 120/208	1	60 60	DIRECT		18" 18"	VERIFY ELECTRICAL REQUIREMENTS, 3/4"C, 2#10, #10G VERIFY ELECTRICAL REQUIREMENTS, 3/4"C, 2#10, #10G
6 1 27 4	P.O.S.	21.00 10.00		120/208	1 1	60 60	CORD & PLUG	5-15P	18" 18"	VERIFY ELECTRICAL REQUIREMENTS, 3/4 C, 2#10, #10G 3/4"C, 2#12, #12G
7.1 4	SCALE	5.00		120	1	60	CORD & PLUG	5-15P	48"	ESTIMATED UTILITIES – FIELD VERIFY, 3/4"C, 2#12, #12G
29 1 32 3	LOW TEMPERATURE SMOKER OVEN INDUCTION RANGE, COUTERTOP	32.00 18.00		208 120	1	60 60	CORD & PLUG CORD & PLUG	5–15P	60" 18"	K.E.C. TO PROVIDE CORD 7 PLUG, 1"C, 2#8, #10G 3/4"C, 2#10, #10G
		10.00		120	1	60	CORD & PLUG	5–15P	72"	DATA CONNECTION – ESTIMATED UTILITIES – FIELD VERIFY, 3/4"C, 2#12, #12G
-3 6 -4 1	47" (16:9) LCD SCREEN HOT CABINET, ROLL-IN	7.90		120/208			DIRECT			3/4°C, 2#12, #12G



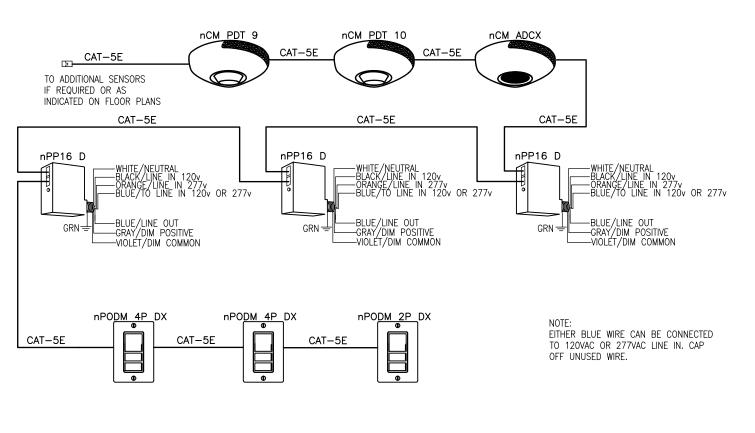




TYPICAL LOW-VOLTAGE SENSOR LIGHTING CONTROL SCHEMATIC SCALE: N.T.S. NOTES:

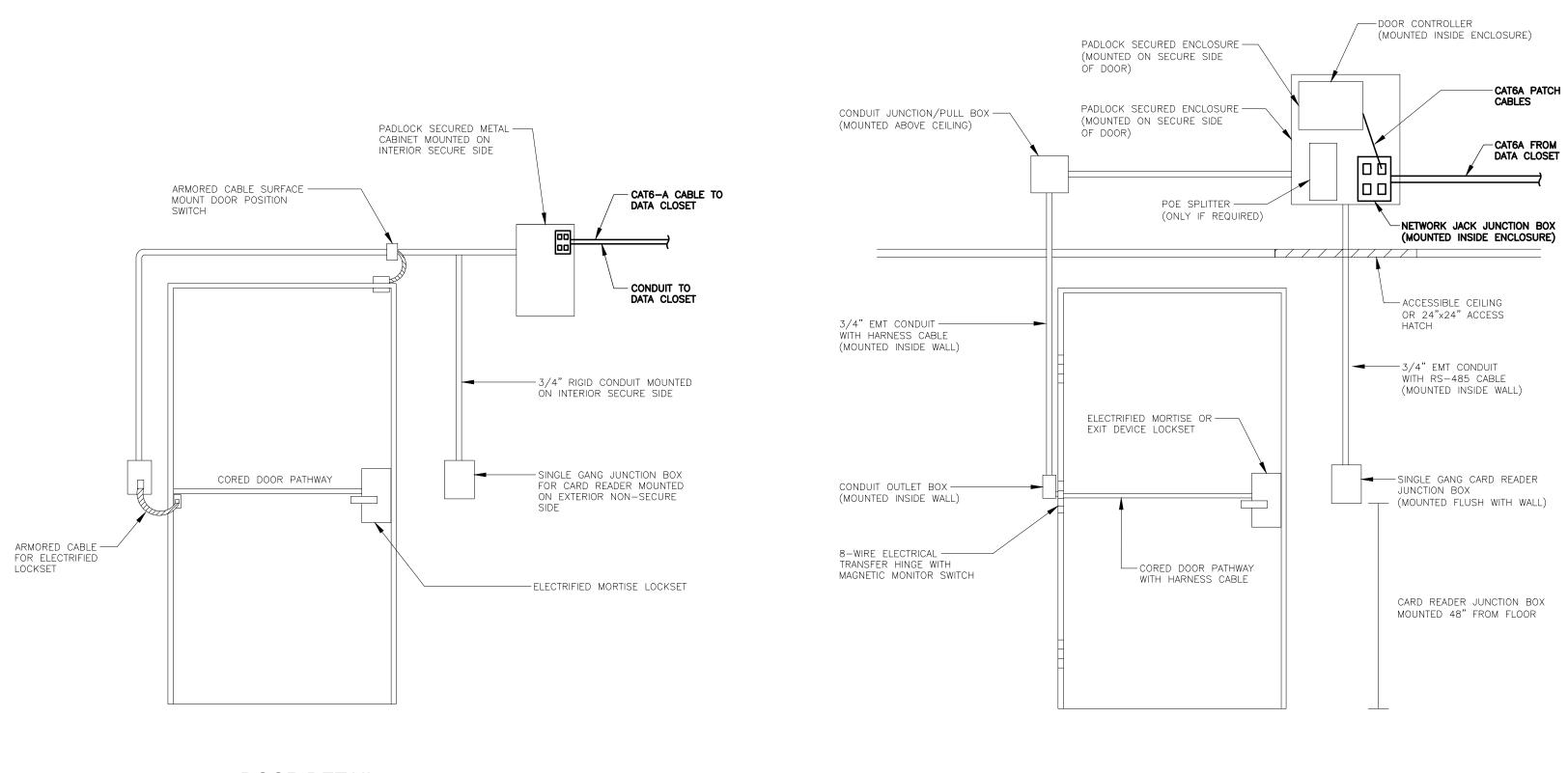
EXACT QUANTITY AND MODEL # OF DEVICES MAY DIFFER FROM THIS DETAIL. CONTRACTOR SHALL PROVIDE ACTUAL QUANTITY AND MODEL # REQUIRED. REFER TO LIGHTING FLOOR PLANS.

COORDINATE LOW VOLTAGE CABLE TYPE, CABLE SIZE AND QUANTITY PER MANUFACTURER'S REQUIREMENTS; CLASS 2 CONDUCTORS PER NEC 725, AND PLENUM RATED.



SCALE: N.T.S. NOTES:

N.T.S.



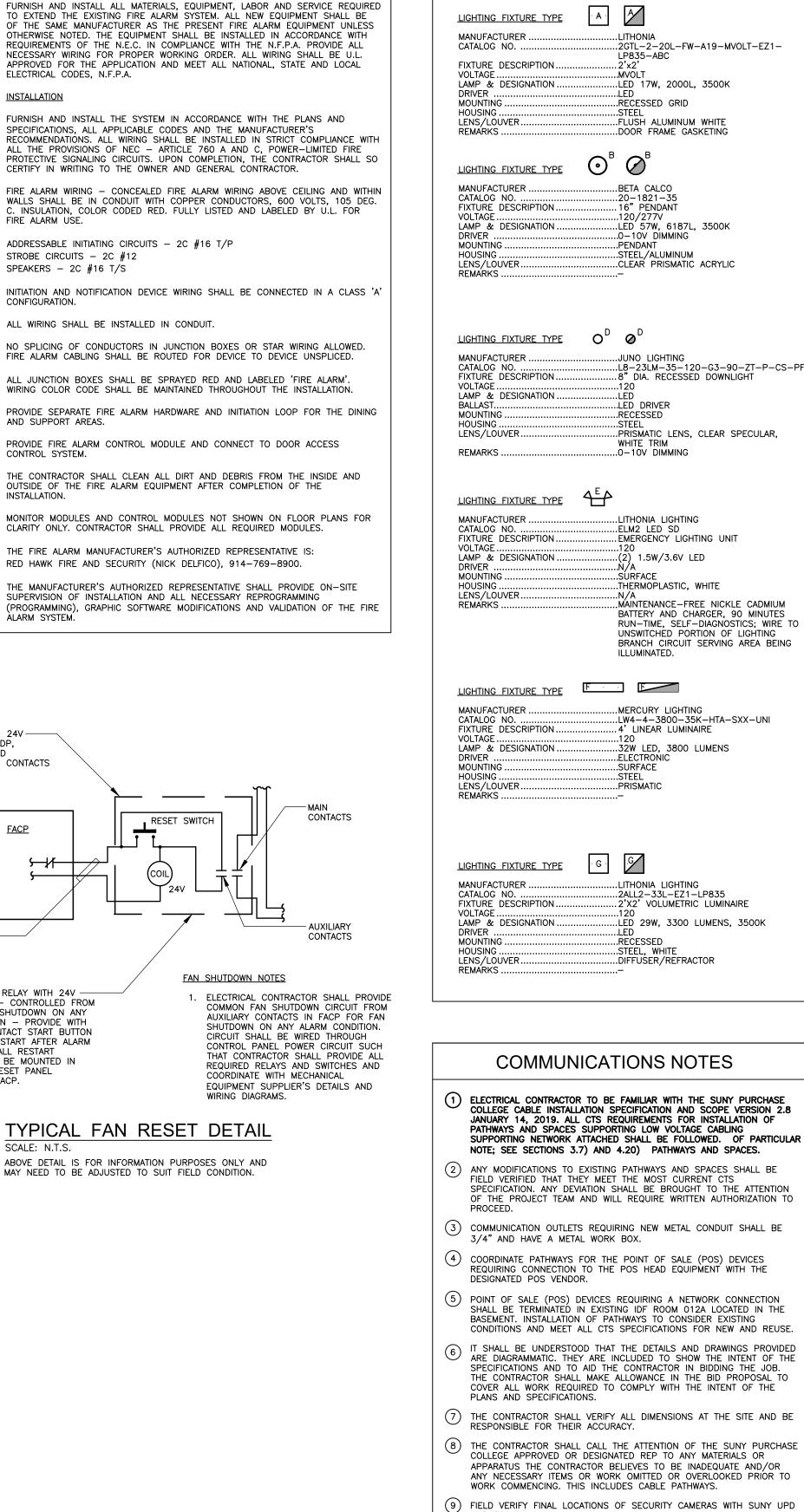
DOOR DETAIL N.T.S.

TYPICAL nLIGHT LOW-VOLTAGE MULTI-ZONE DIMMING & DAYLIGHT CONTROL

EXACT QUANTITY AND MODEL # OF DEVICES MAY DIFFER FROM THIS DETAIL. CONTRACTOR SHALL PROVIDE ACTUAL QUANTITY AND MODEL # REQUIRED. REFER TO LIGHTING FLOOR PLANS. COORDINATE LOW VOLTAGE CABLE TYPE, CABLE SIZE AND QUANTITY PER MANUFACTURER'S REQUIREMENTS; CLASS 2 CONDUCTORS PER NEC 725, AND PLENUM RATED.

ELECTRONIC ACCESS CONTROL DOOR DETAIL





AND FSC.

WITH SUNY CTS.

FIRE ALARM SYSTEM NOTES

ELECTRICAL CODES, N.F.P.A.

INSTALLATION

FIRE ALARM USE.

CONFIGURATION.

AND SUPPORT AREAS.

CONTROL SYSTEM.

INSTALLATION.

ALARM SYSTEM.

CONTROL RELAY: 24V -

NORMALLY OPEN CONTACTS

<u>FACP</u>

FAN SHUTDOWN RELAY WITH 24V -----

FACP FOR FAN SHUTDOWN ON ANY

ALARM CONDITION - PROVIDE WITH

MOMENTARY CONTACT START BUTTON

FOR MANUAL RESTART AFTER ALARM

SCALE: N.T.S.

BUTTONS SHALL BE MOUNTED IN

IS CLEARED - ALL RESTART

COMMON FAN RESET PANEL

LOCATED WITH FACP.

CONTROL COIL - CONTROLLED FROM

CONTROL COIL. DP

20A. 120V RATED

TO FACP 24V-

SOURCE THRU SET OF N.C.

AUX. CONTACTS

STROBE CIRCUITS - 2C #12

SPEAKERS - 2C #16 T/S



TIONO LIGHTING SPECIFIC

.2GTL-2-20L-FW-A19-MVOLT-EZ1-

..LED 57W. 6187L. 3500K

..L8-23LM-35-120-G3-90-ZT-P-CS-PF DIA. RECESSED DOWNLIGHT

...PRISMATIC LENS. CLEAR SPECULAR.

EMERGENCY LIGHTING UNIT 1.5W/3.6V LED

MAINTENANCE-FREE NICKLE CADMIUM BATTERY AND CHARGER, 90 MINUTES RUN-TIME, SELF-DIAGNOSTICS; WIRE UNSWITCHED PORTION OF LIGHTING BRANCH CIRCUIT SERVING AREA BEING

..LW4-4-3800-35K-HTA-SXX-UNI 2W LED, 3800 LUMENS

.. 2'X2' VOLUMETRIC LUMINAIRE ..LED 29W, 3300 LUMENS, 3500K

(10) FIELD VERIFY FINAL LOCATIONS OF WIRELESS ACCESS POINTS (WAP)

С	IFICATIONS	
	LIGHTING FIXTURE TYPE	
		PABLO STUDIO
		MODULAR LED LIGHTING SYSTEM
	VOLTAGE LAMP & DESIGNATION	120 PAR LED, 14.5W, 3000K, 800 LUMENS
	DRIVER MOUNTING	
	HOUSING LENS/LOUVER REMARKS	
	LIGHTING FIXTURE TYPE	PL-2 •
	MANUFACTURER	
		LTY-CARAVAGGIO-CAR300-BLACK WITH RED CORD
		PBL-SWELL-STRING-3-MIXED-SUSP-BLAC
	LAMP & DESIGNATION	LED A19. E26 MEDIUM BASE
		SURFACE, PENDANT
	LENS/LOUVER REMARKS	
		PL-3
	LIGHTING FIXTURE TYPE	- ® -
		TECH LIGHTING
	CATALOG NO FIXTURE DESCRIPTION	TD-SO-S-CF PENDANT_LIGHT
	VOLTAGE LAMP & DESIGNATION	LED G40, 15W, 900 LUMENS, 3000K
	DRIVER	N/A SURFACE, PENDANT
	HOUSING	
	REMARKS	
	LIGHTING FIXTURE TYPE	PL−4 ⊮∰ -
		BARN LIGHT ELECTRIC CO.
	CATALOG NO	RLM SERIES, BLE-G-WHS-PC GOOSENECK LIGHT
	VOLTAGE	120
	LAMP & DESIGNATION DRIVER	LED / TBD
	HOUSING	
	LENS/LOUVER REMARKS	
	LIGHTING FIXTURE TYPE	
	CATALOG NO	902E-U-LB-RC-BA EDGE-LIT EXIT SIGN, SINGLE-FACE
	VOLTAGE	
	LAMP & DESIGNATION	LED
		UNIVERSAL, CEILING OR WALL
	LENS/LOUVER	GREEN LETTERS
	REMARKS	CONNECT TO LIFE SAFETY CIRCUIT. TYPE 'X1' SAME AS TYPE 'X' EXCEPT DOUBLE
		FACE WITH MIRROR BACKGROUND, MODEL # 903E-U-LB-RM-BA)
LI	GHTING SCHEDULE NOTES:	
1.	ALL LAMP COLORS SHAL	L BE 3500K UNLESS OTHERWISE SPECIFIED.
2	CONFIRM FINISHES OF A	LL FIXTURES WITH ARCHITECTURAL PLANS.
3	CONFIRM CEILING TYPES ARCHITECTURAL PLANS.	AND MOUNTING HEIGHTS OF ALL FIXTURES WITH
4		TURE, OR WITH 'EM' SUBSCRIPT, REQUIRES CONNECTION
		WITH USE OF EMERGENCY POWER CONTROL (EPC)
		ABBREVIATIONS
		AMPERE AMERICANS WITH DISABILITIES ACT
	AFF	ABOVE FINISHED FLOOR ABOVE FINISHED GRADE
	AWG	AMERICAN WIRE GAUGE
		CONDUIT CIRCUIT BREAKER
	CL	MOUNTED IN CEILING CIRCUIT
	DW	DISHWASHER
	DWG ELEC	DRAWING ELECTRICAL
	EM	EMERGENCY POWER CIRCUIT EXISTING TO REMAIN
		FLOOR

	ELECTRICAL LEGEND
TS	SPRINKLER TAMPER SWITCH, (FBO)
FS	SPRINKLER WATER FLOW SWITCH, (FBO)
PS	SPRINKLER PRESSURE SWITCH, (FBO)
6	DATA OUTLET FOR DIGITAL DISPLAY
SC	SECURITY CAMERA
DC	DOOR CONTROLLER
DM	DOOR MONITOR
CR	CARD READER

GF

LTG

MTD

NIC

NTS

OD OHD

RF

RRE

RR

WF

UON

GROUND

LIGHTING

MOUNTED

OUTDOOR

POLE

PHASE

VOI 1

WAT

JUNCTION BOX

NOT IN CONTRACT

OVERHEAD DOOR

RELOCATED EXISTING

REMOVE AND REPLACE

REMOVE AND RELOCATE

UNLESS OTHERWISE NOTED

NOT TO SCALE

REFRIGERATOR

WEATHERPROOF

GROUND FAULT CIRCUIT INTERRUPTER

ELECTRICAL LEGEND

SYMBOL	
S	SINGLE POLE TOGGLE SWITCH
S ₂	TWO POLE TOGGLE SWITCH
S3	THREE WAY TOGGLE SWITCH
S4	FOUR WAY TOGGLE SWITCH
SD	SINGLE POLE DIMMER SWITCH
	Single Fole Dimmer Switch
S _{3D}	THREE WAY DIMMER SWITCH
SF	FAN SWITCH
Sĸ	SINGLE POLE KEY SWITCH
S _{3K}	THREE WAY KEY SWITCH
S4K	FOUR WAY KEY SWITCH
So	OCCUPANCY SENSOR SWITCH
Spo	EMERGENCY POWER OFF SWITCH
Sπ	MANUAL MOTOR STARTER WITH THERMAL OVERLOAD PROTECTION
●	PUSHBUTTON
φ	SINGLE RECEPTACLE
·	
φ	DUPLEX RECEPTACLE
P	DUPLEX RECEPTACLE, MOUNTED ABOVE COUNTER
₽	DOUBLE DUPLEX RECEPTACLE
\$	DOUBLE DUPLEX RECEPTACLE, MOUNTED ABOVE COUNTER
	OUTLET TO SUIT EQUIPMENT (CONTRACTOR TO VERIFY)
	EXISTING PANELBOARD/LOAD CENTER
	208Y/120V PANEL
	CONDUIT AND WIRE
	CONDUIT AND WIRE, SWITCHED
1,LP	HOMERUN TO PANELBOARD, NUMBERS/LETTERS INDICATE CIRCUIT AND PANELBOARD TERMINATION UNLESS OTHERWISE INDICATED.
0	JUNCTION BOX
0	MOTOR
Ch	SAFETY DISCONNECT SWITCH
۲h	FUSIBLE SAFETY DISCONNECT SWITCH
	FIRE ALARM MAGNETIC DOOR HOLDER
SEC	SECURITY PANEL
V	DATA OUTLET
AED	AUTOMATED EXTERNAL DEFIBRILLATOR
TC	TIME CLOCK SWITCH
FACP	FIRE ALARM CONTROL PANEL
FARA	FIRE ALARM REMOTE ANNUNCIATOR PANEL
<u> </u>	FIRE ALARM SMOKE DETECTOR
_	
S	FIRE ALARM DUCT SMOKE DETECTOR
Ð	FIRE ALARM THERMAL DETECTOR
М	FIRE ALARM MONITOR MODULE
R	FIRE ALARM RELAY MODULE
С	FIRE ALARM CONTROL MODULE
RT	FIRE ALARM REMOTE TEST SWITCH
F	FIRE ALARM MANUAL PULL STATION
EPC	EMERGENCY POWER CONTROL, MODEL EPC MANUFACTURED BY LVS, INC., 20 AMPS.
□4¢ _{CL}	FIRE ALARM SPEAKER/STROBE UNIT; 'CL' SUBSCRIPT WHERE SHOWN INDICATES 'CEILING MOUNTED'.
Πα	FIRE ALARM STROBE ONLY UNIT
□	PUSHPLATE
WAP	WIRELESS ACCESS POINT
	WIRELESS ACCESS POINT OCCUPANCY SENSOR, STANDARD RANGE, CEILING MOUNT,
09	LOW-VOLTAGE, DUAL TECHNOLOGY, ACUITY CONTROLS #CM-PDT-9-RJB.
©_1	OCCUPANCY SENSOR, EXTENDED RANGE, CEILING MOUNT, LOW–VOLTAGE, DUAL TECHNOLOGY, ACUITY CONTROLS #nCM–PDT–10–RJB.
©₂₂	" OCCUPANCY SENSOR, EXTENDED RANGE, CEILING MOUNT, LOW–VOLTAGE, PASSIVE INFRARED ONLY, ACUITY CONTROLS #nCM–10–RJB.
PO	PHOTOCELL, AUTOMATIC DIMMING CONTROL, LOW VOLTAGE, CEILING MOUNT, ACUITY CONTROLS #nCM-ADCX.
P	POWER/RELAY PACK, ACUITY CONTROLS #PP-20.
0	POWER/RELAY PACK WITH 0-10VDC DIMMING OUTPUT FOR
PPD	DIMMABLE LIGHT FIXTURES, ACUITY CONTROLS #nPP16-D.
S4P	LIGHTING CONTROL WALL POD STATION, FOUR (4) CHANNELS, ON/OFF + RAISE/LOWER, ACUITY CONTROLS #nPODM-2P-DX-WH

GENERAL NOTES

THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK REQUIRED FOR A COMPLETE, FULLY OPERABLE

- INSTALLATION. ALL WORK TO BE DONE IN ACCORDANCE WITH THE LATEST APPROVED ISSUE OF THE NFPA 70, NATIONAL ELECTRIC CODE (NEC) AND APPLICABLE LOCAL CODES. THE ELECTRICAL CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING A BID TO ASCERTAIN FIELD CONDITIONS AS THEY EXIST AND JUDGE THEIR EFFECT ON THE WORK TO BE DONE. NO ALLOWANCE WILL BE MADE FOR FAILURE TO VISIT THE JOB SITE AND MAKE THIS DETERMINATION THE DRAWINGS SHOW THE GENERAL LAYOUT AND SOME OF THE DETAIL BUT THEY DO NOT SHOW EVERY FITTING BEND, ... ETC. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL SUCH MATERIALS TO MAKE A COMPLETE INSTALLATION.
- DO NOT SCALE DRAWINGS; ACTUAL FIELD MEASUREMENTS AND DIMENSIONS TAKE PRECEDENCE IN ALL CASES.
- 5. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARD GENERAL CONDITIONS OF THE CONSTRUCTION CONTRACT, AIA DOCUMENT 201, LATEST EDITION.
- ELECTRICAL CONTRACTOR SHALL INSTALL ALL EQUIPMENT IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS AND OR REQUIREMENTS FOR PROPER OPERATION AND MAINTENANCE.
- ELECTRICAL CONTRACTOR SHALL GIVE OWNER 10 DAYS ADVANCE NOTICE OF SHUTDOWNS. SHUTDOWNS TO BE KEPT TO A MINIMUM. AT NO TIME SHALL THE BUILDING/SPACE BE LEFT WITHOUT COMMERCIAL POWER IN FULL OPERATING ORDER.
- . ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING OF ALL PHASES OF THE WORK AND TO DEMONSTRATE TO OWNER THAT THE EQUIPMENT IS IN FULL OPERATING ORDER.
- 9. ELECTRICAL CONTRACTOR SHALL RESTORE ALL AREAS DISTURBED TO THEIR ORIGINAL CONDITION. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL CUTTING, PATCHING, PAINTING, CLEAN-UP, ELECTRICAL DEBRIS REMOVAL AND GENERAL COORDINATION OF THE WORK EFFORT AS REQUIRED FOR THE INSTALLATION OF THE ELECTRICAL ITEMS OF
- 10. THE TERM "PROVIDE" SHALL MEAN TO FURNISH AND INSTALL IN COMPLETE WORKING ORDER.
- 11. THE SCOPE OF WORK IS AS SHOWN ON THE PLANS AND DETAILED IN THE SPECIFICATIONS. 12. ALL THE WIRE SIZES ARE BASED ON COPPER, ALUMINUM IS NOT TO BE USED.
- 13. ALL WIRING METHODS ARE TO BE IN ACCORDANCE WITH THE CURRENT ISSUE OF THE NATIONAL ELECTRICAL CODE, AND APPLICABLE LOCAL CODES. ALL WIRING IS TO BE IN CONDUIT, UNLESS SPECIFICALLY NOTED OTHERWISE. ALL WIRING IS TO BE CONCEALED.
- 14. PROVIDE INDEPENDENT SEISMIC SUPPORT OF ALL ELECTRICAL EQUIPMENT PER IBC CODE.
- 15. ELECTRICAL CONTRACTOR SHALL SECURE ALL PERMITS AND PAY FOR ALL REQUIRED FEES, INCLUDING ALL UTILITY
- 16. ELECTRICAL CONTRACTOR SHALL WARRANT AND GUARANTEE ALL MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE OWNER.
- 17. ELECTRICAL CONTRACTOR SHALL PROVIDE PROOF OF LIABILITY AND PROPERTY INSURANCE TO THE OWNER, ALL DEDUCTIBLES SHALL BE PAID FOR BY THE ELECTRICAL CONTRACTOR IN THE EVENT OF A CLAIM.
- 18. PERSONNEL SAFETY IS OF PRIME IMPORTANCE. NO HAZARDOUS CONDITION MUST BE ALLOWED. EVERY CARE MUST BE TAKEN TO PROTECT CONSTRUCTION AND OTHER PERSONNEL. CLEANUP IS TO BE DONE ON A DAILY BASIS. ELECTRICAL CONTRACTOR TO REMOVE AND DISPOSE OF REFUSE FROM SITE.
- 19. ELECTRICAL CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR APPROVAL FOR ALL LIGHTING FIXTURES, PANELS, SWITCHES, RECEPTACLES, ... ETC. 20. ELECTRICAL CONTRACTOR TO VERIFY LIGHTING FIXTURE MOUNTING REQUIREMENTS FOR VARIOUS CEILING TYPES AND
- ORDER APPROPRIATE HARDWARE. 21. REMOVAL OF EXISTING ELECTRICAL EQUIPMENT, PANELS, SWITCHES, RECEPTACLES, CONDUIT, WIRE TIME CLOCKS, EMERGENCY LIGHTING UNITS, FIXTURES ... ETC ... ARE A PART OF THE SCOPE OF WORK. ALL UNUSED ELECTRICALS SHALL BE REMOVED AS MUCH AS POSSIBLE. THE ELECTRICAL PLANS DO NOT SHOW ALL OF THE ELECTRICAL REMOVAL WORK. PROVIDE TEMPORARY EXTENSION OF SYSTEMS THAT ARE TO BE REPLACED SO THAT CRITICAL SYSTEMS MAY BE KEPT IN PARTIAL OPERATION DURING THE CONSTRUCTION EFFORT
- 22. COORDINATE EXACT PLACEMENT OF EQUIPMENT WITH ARCHITECTURAL AND MECHANICAL PLANS, MAKE FIELD
- ADJUSTMENTS AS REQUIRED TO AVOID CONFLICTS, VERIFY WITH OWNER. 23. ELECTRICAL CONTRACTOR TO COORDINATE WITH ARCHITECTURAL AND MECHANICAL CONTRACTOR FOR ITEMS SUPPLIED BY THE MECHANICAL/OTHER DIVISIONS BUT INSTALLED BY THE ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR TO REVIEW ALL THE PLANS FOR THE PROJECT FOR ELECTRICAL WORK.
- 24. ELECTRICAL CONTRACTOR TO VERIFY ALL EQUIPMENT POWER NEEDS WITH THE ACTUAL SHOP DRAWINGS FOR THE EQUIPMENT TO BE USED, PRIOR TO STARTING ANY ELECTRICAL WORK.
- 25. ALL ELECTRICAL PENETRATIONS TO BE FIREPROOFED TO MAINTAIN INTEGRITY OF FIRE WALLS/FLOORS/CEILINGS. 26. PROVIDE LAMICOID NAMEPLATES FOR ALL ELECTRICAL DISTRIBUTION AND DISCONNECT EQUIPMENT.
- 27. THE DISPOSAL OF ALL UNUSED EXISTING ELECTRICAL EQUIPMENT REMOVED IS A PART OF THE SCOPE OF WORK. THE ELECTRICAL CONTRACTOR SHALL DISPOSE OF ALL SUCH EQUIPMENT, INCLUDING HAZARDOUS PCB CONTAINING BALLASTS, IN A MANNER CONSISTENT WITH STATE OF CT. DEPARTMENT OF ENVIRONMENTAL PROTECTION REGULATIONS, CURRENT ISSUE.
- 28. SHARED NEUTRALS ARE NOT TO BE USED. PROVIDE SEPARATE NEUTRALS FOR ALL CIRCUITS. 29. PRIOR TO SUBMISSION OF BIDS GIVE WRITTEN NOTICE TO ARCHITECT AND ENGINEER OF ANY MATERIAL OR APPARATUS THAT IS INADEQUATE, UNSUITABLE FOR THE USE, IN VIOLATION OF LAWS, ORDINANCES, RULES, CODES OR ANY REGULATIONS OF AUTHORITIES HAVING JURISDICTION OR ANY NECESSARY ITEMS OF WORK THAT HAS BEEN OMITTED. CONTRACTOR AFFIRMS THAT ABSENT SUCH NOTICE, ALL SYSTEMS WILL FUNCTION SATISFACTORILY WITHOUT ADDITIONAL XTRA COMPENSATION.
- 30. ALL PART NUMBERS ARE PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR. THEY ARE NOT TO BE CONSIDERED THE COMPLETE SPECIFICATION OF THE PRODUCT. THE PART NUMBER AND DESCRIPTION WILL BE THE COMPLETE SPECIFICATION. IN THE EVENT OF A DISCREPANCY BETWEEN THE TWO, THE MORE STRINGENT, MORE COSTLY FEATURE/PERFORMANCE WILL BE REQUIRED.
- 31. FOR ALL ROOFTOP OR GRADE LEVEL HVAC EQUIPMENT, THE ELECTRICAL CONTRACTOR SHALL SUPPLY A GFCI WP, 20A RECEPTACLE FOR EQUIPMENT SERVICING. ALL DISCONNECT SWITCHES ARE TO BE HEAVY DUTY, FUSED, WEATHER PROOF (WP) DEVICES.
- 32. AT THE CONCLUSION OF THE PROJECT WHILE THE PROJECT IS OCCUPIED AND OPERATING NORMALLY, THE CONTRACTOR IS TO TAKE AND RECORD OPERATING CURRENTS IN THE DISTRIBUTION SYSTEM AND REPORT THESE READINGS TO THE ENGINEER FOR EVALUATION. ENGINEER SHOULD BE ADVISED WHEN THE READINGS ARE TO BE MADE SO THAT HE MAY ATTEND AND WITNESS SAME.
- 33. RISER DIAGRAMS ARE PROVIDED TO SHOW DIAGRAMMATIC GENERAL WIRING REQUIREMENTS. WIRING IS TO BE PROVIDED FOR THE PARTICULAR VENDOR/SYSTEM APPROVED FOR THE PROJECT. ALL WIRING IS TO BE CONCEALED. 34. ALL WIRING IN AIR PLENUM CEILINGS SHALL BE TEFLON COATED AND RATED FOR USE WITHIN THE PLENUM.
- 35. NO LOW VOLTAGE WIRING SHALL BE PERMITTED IN THE SAME RACEWAY AS POWER WIRING.
- 36. EMERGENCY SERVICES SHALL BE RUN IN SEPARATE RACEWAYS FROM ALL OTHER SYSTEMS.
- 37. PROVIDE DRAG LINES IN ALL EMPTY RACEWAYS.
- 38. CIRCUIT NUMBERS ARE INDICATED FOR INTENT ONLY. THE ELECTRICAL CONTRACTOR SHALL ADJUST ACCORDINGLY IN THE FIELD, TO BALANCE CIRCUITS EVENLY ON ALL PHASES.
- 39. REFER TO ARCHITECTURAL DRAWINGS FOR THE EXACT LOCATION AND MOUNTING HEIGHTS OF ALL DEVICES AND OUTLETS 40. –
- 41. CONTRACTOR TO PROVIDE ALL TEMPORARY POWER FOR THE PROJECT. PROVIDE ALL UTILITY COMPANY COORDINATION FOR ALL SERVICES. 42. –
- 43. FOR ALL WALL/CEILING BOXES FOR DATA COMMUNICATIONS PROVIDE 3/4"C EMPTY CONDUITS TO HUNG CEILING OR OTHER ACCESSIBLE SPACE. INSTALL A DRAG WIRE.
- 44. ELECTRICAL CONTRACTOR SHALL PAY ANY ADDITIONAL COST FOR THE UTILITY WORK ASSOCIATED WITH THE PROJECT. 45. PROVIDE UPDATED DIRECTORY OF EACH AND EVERY EXISTING PANELBOARD/LOAD CENTER AFFECTED BY THIS ALTERATION.
- 46. MINIMUM CONDUCTOR SIZE FOR A FULLY LOADED 20A CIRCUIT, UNLESS OTHERWISE NOTED, SHALL BE #12 FOR ALL BRANCH CIRCUIT RUNS UP TO THE FIRST OUTLET; OVER 60 FEET, #10; OVER 105 FEET, #8; INCREASE CONDUIT SIZE TO SUIT
- 47. ELECTRICAL CONTRACTOR TO VERIFY LOADS, SETTINGS, OVERCURRENT PROTECTION ... ETC TO INSURE COMPATIBILITY OF EQUIPMENT
- 48. DISCONNECT SWITCHES AND CIRCUIT BREAKER USED AS SWITCHES SHALL BE INSTALLED IN ACCORDANCE WITH ALL LOCAL CODES AND THE LATEST VERSION OF THE NATIONAL ELECTRICAL CODE "NEC" SECTION 404.8. ALL DISCONNECT SWITCHES AND CIRCUIT BREAKERS SHALL BE LOCATED SO THAT THEY MAY BE OPERATED FROM A READILY ACCESSIBLE PLACE. THEY SHALL BE INSTALLED SUCH THAT THE CENTER OF THE GRIP OF THE OPERATING HANDLE OF THE SWITCH OR CIRCUIT BREAKER, WHEN IN ITS HIGHEST POSITION, IS NOT MORE THAN 6'-7" ABOVE THE FLOOR OR WORKING PLATFORM
- 49. ALL DISCONNECT SWITCHES AND CIRCUIT BREAKER SHALL BE INSTALLED IN ACCORDANCE WITH ALL LOCAL CODES AND THE LATEST VERSION OF THE NATIONAL ELECTRICAL CODE "NEC" SECTION 110.26 TABLE 110.26(A)(1). 50. IN ADDITION TO THE REQUIREMENTS SHOWN FOR LOW VOLTAGE EQUIPMENT AND RACEWAYS, THE ELECTRICIAN SHALL CARRY AN ALLOWANCE FOR FINAL COORDINATION AND INSTALLATION OF ALL RACEWAYS AND SLEEVES REQUIRED TO
- 51. ALL LOW VOLTAGE CABEL SHALL EB 3/4" CONDUIT AND METAL BOX.

FACILITATE THE LOW VOLTAGE CONSULTANT WORK.



DRAWING NO.

E-205