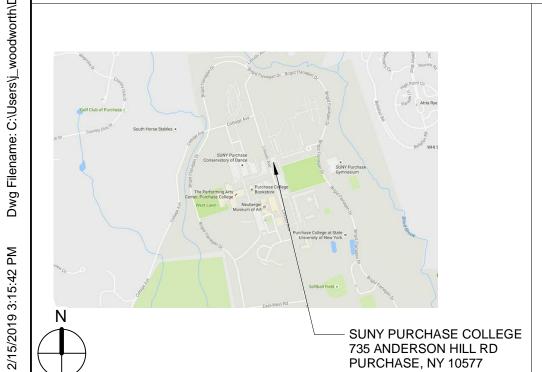


SUNY PURCHASE COLLEGE

CAFE RENOVATION

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

ISSUED FOR: BID, FEBRUARY, 15 2019



LOCUS PLAN

PROJECT LOCATION THE HUB AT PURCHASE COLLEGE —

KEY PLAN

	PROJECT DESCRIPTION	PROJECT TEAM
	PENETRATIONS • NEW ELECTRICAL DISTRIBUTION	DOUCET & ASSOCIATES 136 WEST ST. #103 NORTHAMPTON, MA, 01060 T: 413.208.2349 CONTACT: SHAWN CANTWELL E-MAIL: SCantwell@doucetenginee
	 EXISTING/ MODIFIED FIRE PROTECTION NEW INTERIOR PARTITIONS AND DOORS NEW SPECIALITY EQUIPMENT & CONNECTIONS NEW PLUMBING AND FLOOR 	T: 860.264.1624 PROJECT MANAGER: CHRIS MIL E-MAIL: cmilliard@phasezerodesig CIVIL ENGINEER
A SWE	EXISTING/ MODIFIED ROOF PER NEW HVAC EXISTING/ MODIFIED FIRE PROTECTION	

THE PROJECT CONSISTS OF THE

• LIMITED LOCAL DEMOLITION ONLY AS NEEDED FOR NEW CONSTRUCTION. • EXISTING DINING SPACE (BUILDING

DWNER	MEP ENGINEER
UNY PURCHASE COLLEGE 35 ANDERSON HILL RD URCHASE, NY 10577	INNOVATIVE ENGINEERINGS SERVIC 33 NORTH PLAINS INDUSTRIAL ROAI WALLINGFORD, CT, 06492 T: 732.280.5623 CONTACT: PETER PYCELA E-MAIL: ppycela@iesllc.biz
ARCHITECT	DESIGN CONSULTANT
HASE ZERO DESIGN WILCOX STREET IMSBURY, CT 06070 : 860.264.1624 ROJECT MANAGER: CHRIS MILLIARD -MAIL: cmilliard@phasezerodesign.com	VISION BUILDERS 305 FOSTER AVE, SUITE 100 CHARLOTTE, NC 28203 T: 704.405.3106 CONTACT: KEITH FENNELLY E-MAIL: keith@visionbuildersusa.com
CIVIL ENGINEER	_
OUCET & ASSOCIATES	

G001 G002 G003 G004 G100	GENERAL NOTES GENERAL NOTES	BID	02.15.2019
G004	GENERAL NOTES	BID	02.15.2019
	ADA STANDARDS, SYMBOLS & ABBREVATIONS	BID	02.15.2019
	CODE DATA	BID	02.15.2019
	CODE PLAN & ANALYSIS BASEMENT	BID	02.15.2019
G101	CODE PLAN & ANALYSIS FIRST	BID	02.15.2019
	FLOOR		02.10.2013
G102	CODE PLAN & ANALYSIS SECOND AND THIRD FLOOR	BID	02.15.2019
CIVIL SITE & LA	ANDSCAPING		
C1	COVER SHEET	BID	02.15.2019
C2	LEGEND & GENERAL NOTES	BID	02.15.2019
C3 C4	SITE UTILITIES PLAN DETAILS	BID BID	02.15.2019
TS105	TOPOGRAPHIC SURVEY	BID	02.15.2019
ARCHITECTUR		DID	02.10.2013
AD101	FIRST FLOOR DEMOLITION PLAN	BID	02.15.2019
AD201	FIRST FLOOR CEILING DEMOLITION	BID	02.15.2019
	PLAN BASEMENT AND FIRST FLOOR		02.10.2010
A101	CONSTRUCTION PLAN	BID	02.15.2019
A102	ENLARGED PLANS & PLAN DETAILS	BID	02.15.2019
A103	ROOF PLAN	BID	02.15.2019
A201	BASEMENT / FIRST FLOOR REFLECTED CEILING PLAN	BID	02.15.2019
A202	CEILING DETAILS I	BID	02.15.2019
A501	DOOR SCHEDULE	BID	02.15.2019
A601	MISCELLANEOUS DETAILS I	BID	02.15.2019
NTERIOR DES	IGN		
V100	GENERAL ARRANGEMENT PLAN	BID	02.15.2019
V101	FLOOR FINISH PLAN	BID	02.15.2019
V110	REFLECTED CEILING PLAN DETAILS	BID	02.15.2019
V111 V200	REFLECTED CEILING PLAN DETAILS MILLWORK PLAN	BID BID	02.15.2019
V200 V201	MILLWORK PLANS & DETAILS	BID	02.15.2019
V202	MILLWORK SECTIONS	BID	02.15.2019
V203	MILLWORK SECTIONS	BID	02.15.2019
V300	INTERIOR ELEVATIONS I	BID	02.15.2019
V301	INTERIOR ELEVATIONS II	BID	02.15.2019
V302 V303	INTERIOR ELEVATIONS III INTERIOR ELEVATIONS IV	BID BID	02.15.2019 02.15.2019
V303 V304	INTERIOR ELEVATIONS IV	BID	02.15.2019
V304 V305	INTERIOR ELEVATIONS VI	BID	02.15.2019
V400	SIGNAGE DETAILS	BID	02.15.2019
FOOD SERVICE	Ē		
Q000	FOODSERVICE EXISTING EQUIPMENT PLAN	BID	02.15.2019
Q001	FOODSERVICE DEMO LAYOUT	BID	02.15.2019
Q002	FOODSERVICE DEMO SCHEDULE	BID	02.15.2019
Q100	FOODSERVICE EQUIPMENT LAYOUT	BID	02.15.2019
Q101	FOODSERVICE EQUIPMENT LAYOUT -	BID	02.15.2019
	BASEMENT FOODSERVICE EQUIPMENT		32.13.23.3
Q102	SCHEDULE	BID	02.15.2019
Q200	FOODSERVICE ELECTRICAL	BID	02.15.2010
Q200	CONNECTION LAYOUT	טוט	02.15.2019
Q201	FOODSERVICE ELECTRICAL CONNECTION LAYOUT - BASEMENT	BID	02.15.2019
	FOODSERVICE ELECTRICAL		
Q202	CONNECTION SCHEDULE	BID	02.15.2019
Q300	FOODSERVICE PLUMBING	BID	02.15.2019
	CONNECTION LAYOUT FOODSERVICE PLUMBING		02.10.2010
Q301	CONNECTION LAYOUT - BASEMENT	BID	02.15.2019
0202	FOODSERVICE PLUMBING	DID	02.15.2019
Q302	CONNECTION SCHEDULE	BID	02.15.2019
Q400	FOODSERVICE MECHANICAL LAYOUT	BID	02.15.2019
Q500	FOODSERVICE SPECIAL CONDITIONS LAYOUT	BID	02.15.2019
	FOODSERVICE SPECIAL CONDITIONS	DID	00.45.0040
0=04	LAYOUT	BID	02.15.2019
Q501		DID	02.15.2019
Q600	HOOD DETAIL	BID	
Q600 Q601	HOOD DETAIL HOOD DETAIL	BID	02.15.2019
Q600 Q601 Q602	HOOD DETAIL HOOD DETAIL WALKIN DETAIL		
Q600 Q601 Q602 FIRE PROTECT	HOOD DETAIL HOOD DETAIL WALKIN DETAIL TION	BID BID	02.15.2019 02.15.2019
Q600 Q601 Q602 FIRE PROTECT FP100	HOOD DETAIL HOOD DETAIL WALKIN DETAIL	BID BID BID	02.15.2019 02.15.2019 02.15.2019
Q600 Q601 Q602 FIRE PROTECT FP100 FP101	HOOD DETAIL HOOD DETAIL WALKIN DETAIL FION BASEMENT FIRE PROTECTION PLAN FIRST FLOOR FIRE PROTECTION PLAN	BID BID BID	02.15.2019 02.15.2019 02.15.2019 02.15.2019
Q600 Q601 Q602 FIRE PROTECT FP100	HOOD DETAIL HOOD DETAIL WALKIN DETAIL TION BASEMENT FIRE PROTECTION PLAN FIRST FLOOR FIRE PROTECTION PLAN FIRE PROTECTION DETAILS	BID BID BID	02.15.2019 02.15.2019 02.15.2019
Q600 Q601 Q602 FIRE PROTECT FP100 FP101	HOOD DETAIL HOOD DETAIL WALKIN DETAIL TION BASEMENT FIRE PROTECTION PLAN FIRST FLOOR FIRE PROTECTION PLAN FIRE PROTECTION DETAILS FIRE PROTECTION NOTES, LEGENDS,	BID BID BID	02.15.2019 02.15.2019 02.15.2019 02.15.2019
Q600 Q601 Q602 FIRE PROTECT FP100 FP101 FP200	HOOD DETAIL HOOD DETAIL WALKIN DETAIL TION BASEMENT FIRE PROTECTION PLAN FIRST FLOOR FIRE PROTECTION PLAN FIRE PROTECTION DETAILS	BID BID BID BID	02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019
Q600 Q601 Q602 FIRE PROTECT FP100 FP101 FP200 FP201 PLUMBING	HOOD DETAIL HOOD DETAIL WALKIN DETAIL FION BASEMENT FIRE PROTECTION PLAN FIRST FLOOR FIRE PROTECTION PLAN FIRE PROTECTION DETAILS FIRE PROTECTION NOTES, LEGENDS, & SCHEDULES BASEMENT PLUMBING DEMOLITION	BID BID BID BID BID	02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019
Q600 Q601 Q602 FIRE PROTECT FP100 FP101 FP200 FP201	HOOD DETAIL HOOD DETAIL WALKIN DETAIL FION BASEMENT FIRE PROTECTION PLAN FIRST FLOOR FIRE PROTECTION PLAN FIRE PROTECTION DETAILS FIRE PROTECTION NOTES, LEGENDS, & SCHEDULES BASEMENT PLUMBING DEMOLITION PLAN	BID BID BID BID	02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019
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Q600 Q601 Q602 FIRE PROTECT FP100 FP101 FP200 FP201 PLUMBING DP100 DP101 P100 P101 P200 P201 P201	HOOD DETAIL HOOD DETAIL WALKIN DETAIL FION BASEMENT FIRE PROTECTION PLAN FIRST FLOOR FIRE PROTECTION PLAN FIRE PROTECTION DETAILS FIRE PROTECTION NOTES, LEGENDS, & SCHEDULES BASEMENT PLUMBING DEMOLITION PLAN FIRST FLOOR PLUMBING DEMOLITION PLAN BASEMENT PLUMBING PLAN FIRST FLOOR PLUMBING PLAN PLUMBING DETAILS PLUMBING NOTES, LEGENDS, AND SCHEDULE BASEMENT MECHANICAL DEMOLITION PLAN FIRST FLOOR MECHANICAL	BID	02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019
Q600 Q601 Q602 FIRE PROTECT FP100 FP101 FP200 FP201 PLUMBING DP100 DP101 P100 P101 P200 P201 MECHANICAL DM100 DM101	HOOD DETAIL HOOD DETAIL WALKIN DETAIL TION BASEMENT FIRE PROTECTION PLAN FIRST FLOOR FIRE PROTECTION PLAN FIRE PROTECTION DETAILS FIRE PROTECTION NOTES, LEGENDS, & SCHEDULES BASEMENT PLUMBING DEMOLITION PLAN FIRST FLOOR PLUMBING DEMOLITION PLAN BASEMENT PLUMBING PLAN FIRST FLOOR PLUMBING PLAN FIRST FLOOR PLUMBING PLAN PLUMBING DETAILS PLUMBING NOTES, LEGENDS, AND SCHEDULE BASEMENT MECHANICAL DEMOLITION PLAN FIRST FLOOR MECHANICAL DEMOLITION PLAN	BID	02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019
Q600 Q601 Q602 FIRE PROTECT FP100 FP101 FP200 FP201 PLUMBING DP100 DP101 P100 P101 P200 P201 MECHANICAL DM100 DM101 M100	HOOD DETAIL HOOD DETAIL WALKIN DETAIL TION BASEMENT FIRE PROTECTION PLAN FIRST FLOOR FIRE PROTECTION PLAN FIRE PROTECTION DETAILS FIRE PROTECTION NOTES, LEGENDS, & SCHEDULES BASEMENT PLUMBING DEMOLITION PLAN FIRST FLOOR PLUMBING DEMOLITION PLAN BASEMENT PLUMBING PLAN FIRST FLOOR PLUMBING PLAN PLUMBING DETAILS PLUMBING DETAILS PLUMBING NOTES, LEGENDS, AND SCHEDULE BASEMENT MECHANICAL DEMOLITION PLAN FIRST FLOOR MECHANICAL DEMOLITION PLAN BASEMENT MECHANICAL PLAN BASEMENT MECHANICAL PLAN	BID	02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019
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Q600 Q601 Q602 FIRE PROTECT FP100 FP101 FP200 FP201 PLUMBING DP100 DP101 P100 P101 P200 P201 MECHANICAL DM100 DM101 M100 M101 M100 M101 M200	HOOD DETAIL HOOD DETAIL WALKIN DETAIL TION BASEMENT FIRE PROTECTION PLAN FIRST FLOOR FIRE PROTECTION PLAN FIRE PROTECTION DETAILS FIRE PROTECTION NOTES, LEGENDS, & SCHEDULES BASEMENT PLUMBING DEMOLITION PLAN FIRST FLOOR PLUMBING DEMOLITION PLAN BASEMENT PLUMBING PLAN FIRST FLOOR PLUMBING PLAN PLUMBING DETAILS PLUMBING NOTES, LEGENDS, AND SCHEDULE BASEMENT MECHANICAL DEMOLITION PLAN FIRST FLOOR MECHANICAL DEMOLITION PLAN BASEMENT MECHANICAL DEMOLITION PLAN FIRST FLOOR MECHANICAL PLAN FIRST FLOOR MECHANICAL PLAN FIRST FLOOR MECHANICAL PLAN MECHANICAL DETAILS	BID	02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019 02.15.2019
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Q600 Q601 Q602 FIRE PROTECT FP100 FP101 FP200 FP201 PLUMBING DP100 DP101 P100 P101 P200 P201 MECHANICAL DM100 DM101 M100 M101 M200 M201 M202 M203	HOOD DETAIL HOOD DETAIL WALKIN DETAIL TION BASEMENT FIRE PROTECTION PLAN FIRST FLOOR FIRE PROTECTION PLAN FIRE PROTECTION DETAILS FIRE PROTECTION NOTES, LEGENDS, & SCHEDULES BASEMENT PLUMBING DEMOLITION PLAN FIRST FLOOR PLUMBING DEMOLITION PLAN BASEMENT PLUMBING PLAN FIRST FLOOR PLUMBING PLAN PLUMBING DETAILS PLUMBING NOTES, LEGENDS, AND SCHEDULE BASEMENT MECHANICAL DEMOLITION PLAN FIRST FLOOR MECHANICAL DEMOLITION PLAN FIRST FLOOR MECHANICAL DEMOLITION PLAN FIRST FLOOR MECHANICAL PLAN FIRST FLOOR MECHANICAL PLAN FIRST FLOOR MECHANICAL PLAN MECHANICAL DETAILS MECHANICAL DETAILS MECHANICAL DETAILS MECHANICAL DETAILS	BID	02.15.2019 02.15.2019
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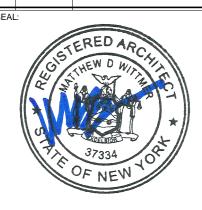
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TITLE SHEET

ATTENTION OF THE ARCHITECT.

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

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

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.

OCCUPANCY FROM THE BUILDING DEPARTMENT.

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

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.

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

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.

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.

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 DEVICES IN AREAS NOT BE DEMOLISHED.

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

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

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

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.

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.

FIRE ALARM

<u>PLUMBING</u>

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

CONTRACTOR AS DIRECTED BY THE OWNER.

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.

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

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

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

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 5lbf 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

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. <u>DO NOT SCALE THE DRAWINGS</u>. 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.

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

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)

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

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

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

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

REFLECTED CEILING NOTES

1. SUPPORT LIGHT FIXTURES AND AIR DIFFUSERS DIRECTLY BY WIRES TO THE STRUCTURE ABOVE.

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.

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

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. 12.CEILING HEIGHT DIMENSIONS ARE TO FINISHED SURFACES.

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.

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where hungry minds gather

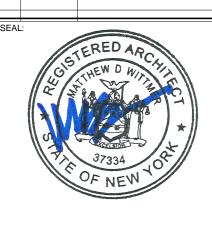
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GENERAL NOTES

RAWING NAME:

MILLWORK NOTES

1. 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.<u>ALL BLOCKING TO BE FRT</u>

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

ALL MANUFACTURER'S SPECIFICATIONS PRIOR TO FABRICATION.

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

CONDITIONS. IF NECESSARY SCRIBE COUNTER ON SITE.

17.MILLWORK CONTRACTOR TO ENSURE ALL SPECIFIED EQUIPMENT FITS INTO COUNTER AS NOTED. CHECK

18 COORDINATE ALL CLITOLITS & FINAL LOCATIONS WITH KITCHEN FOLIDMENT CONTRACTOR TVP

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.

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

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

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.

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

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

 $\hbox{c. DISCONNECTS OR OTHER DEVICES AS MAY BE REQUIRED BY LOCAL/STATE/NATIONAL CODES.}\\$

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.

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

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-

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.

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.

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

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.

27.CENTERLINE TO CENTERLINE DIMENSIONS OF ANY OUTLET PAIR OR GROUP SHALL NOT EXCEED 6".

26.U.O.N, ALL ELECTRICAL, TELEPHONE, AND DATA OUTLETS ARE TO BE MOUNTED 15" A.F.F.

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.

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

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.

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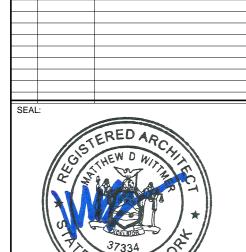
CONSULTANT:

<u>ال</u>

SAFE RENOVATION
735 ANDERSON HILL RD

REVISIONS

NO. DATE DESCRIPTION



02/15/2019 ISSUED FOR:BID

ISSUED DATE:FEBRUARY, 15 2019

DRAWN BY:JW
CHECKED BY:CM

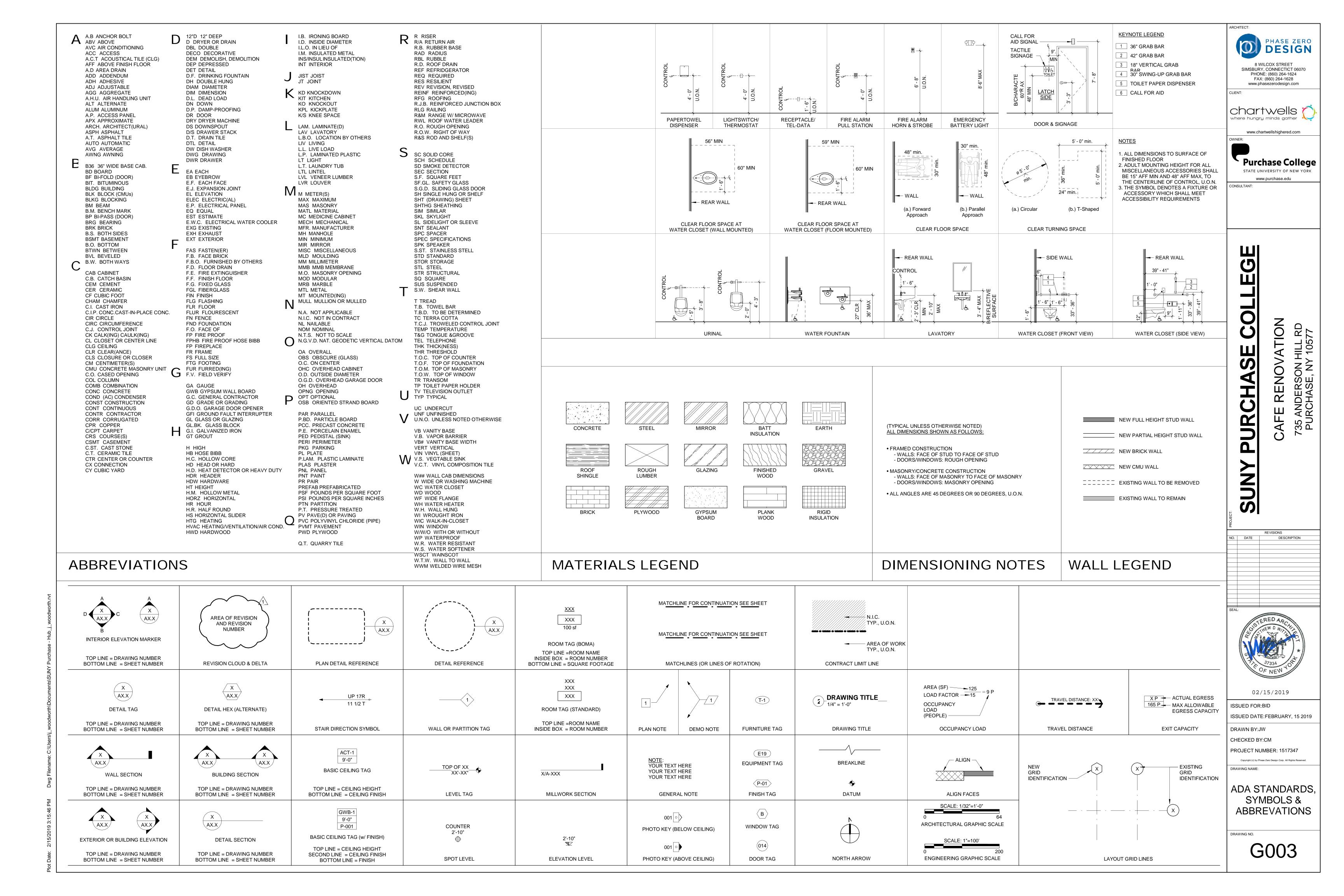
RAWING NAME:

PROJECT NUMBER: 1517347

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GENERAL NOTES

DRAWING NO

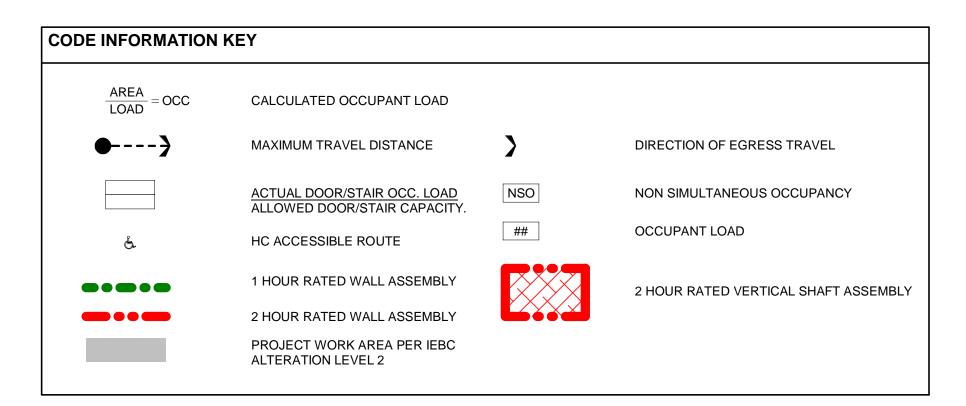


PROJECT DATA NOTE: THIS PROJECT INTERIOR RENOVATION I	HAS BEEN DESIGNED BASED ON 2015 IEBC. THE FO	OLLOWING DATA IS APPLICABLE FOR
THE PROJECT WORK AREA WITH A LEVEL 2 ALT	ERATION.	SEESWING BATTALE FULL FOR
ITEM	CODE SECTION(S)	
CONSTRUCTION TYPE	IBC: 602	2B
USE & OCCUPANCY CLASSIFICATION	IBC: 302	SEPERATED MIXED USE:
		(A-2) / (S-2) / (B) / (R-2)
INCIDENTAL ACCESSORY	IBC: 509	MECHANICAL ROOM
ACCESSORY USE AREA	IBC: 508.2	N/A
ACTUAL BUILDING AREA	IBC: TABLE 506.2	BASEMENT = 17,220 SF
(SEE PLANS FOR USE SEPERATION S.F.)		FIRST FLOOR = 17,946 SF
		SECOND FLOOR = 4,000 SF
		THIRD FLOOR = 4,000 SF
		TOTAL BUILDING = 45,059 SF
FIRE SURPRESSION	IBC: 903.2.1.2 IEBC: 804.2.4	PARTIAL - (A-2) FIRE AREA WILL BE PROVIDED WITH AUTOMATIC SPRINKLER SYSTEM
FIRE DETECTION	IBC: 907	PROVIDED
TOTAL BUILDING OCCUPANT LOAD	IBC: TABLE 1004.1.2	SEE CODE PLAN
AREA OF REFUGE	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
STAIR WIDTH	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
MAX TRAVEL DISTANCE	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
CORRIDOR WIDTH	IBC: TABLE 1020.2	44", MINIMUM
DEAD END CORRIDOR	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
NUMBER OF EXITS	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

NOTE: DED IERC 910.1	- WHERE THE BUILDING O		IOT INCREASED	BV 20% ADE	NITIONAL DI LIMBING I	FIYTLIDES AD	E NOT BEOLIBED			
						INTUNES AN	L NOT KEQUIKED.			
ASSEMBLY TOTAL OCC	CUPANTS = 197 / BUSINESS	TOTAL OCCUP	PANTS = 98 / STC	ORAGE TOTAL	L OCCUPANTS = 31					
		REQUIRED F	IXTURE COUNT	CALCULATE	CALCULATED FIXTURE COUNT		TOTAL FIXTURES REQUIRED		TOTAL FIXTURES 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 SINK		1 SERVICE SINK		1		1		
S-2, STORAGE	SERVICE SINK	1 SERVICE SINK		1 SERVICE SINK						

ITEM	CODE SECTION(S)	
PRIMARY STRUCTURE FRAME		0 HOUR(S)
BEARING WALLS		EXTERIOR: 0 HOUR(S)
	IBC: TABLE 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: 713.4	2 HOUR(S) - CONNECTING 4 STORIES OR MORE, OR WHERE PENETRATING 2 HR FLOOR CONSTRUCTION
EXIT ENCLOSURES	IBC: 1023.2	2 HOUR(S) - CONNECTING 4 STORIES OR MORE, OR WHERE PENETRATING 2 HR FLOOR CONSTRUCTION
CORRIDORS	IBC: TABLE 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: 508.4, 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: 420.2, 708.1	1 HOUR(S) (NOT IN SCOPE)
HORIZONTAL DWELLING UNIT SEPARATION	IBC: 420.3, 711.2.4.3	1 HOUR(S) (NOT IN SCOPE)

APPLICABLE CODE	
CODE	CODE SECTION(S)
BUILDING CODE	2015 INTERNATIONAL BUILDING CODE
	2015 INTERNATIONAL RESIDENTIAL BUILDING CODE
	2017 UNIFORM CODE SUPPLEMENT
	2015 INTERNATIONAL EXISTING BUILDING CODE
PLUMBING CODE	2015 INTERNATIONAL PLUMBING CODE
MECHANICAL CODE	2015 INTERNATIONAL MECHANICAL CODE
ELECTRICAL CODE	2014 NATIONAL ELECTRICAL CODE (NFPA 70)
FUEL & GAS	2015 INTERNATIONAL FUEL & GAS CODE
ACCESSIBILITY	ACESSIBILITY
ENERGY CODE COMPLIANCE	2015 INTERNATIONAL ENERGY CONSERVATION CODE W/ 2016 SUPPLEMENT



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CONSULTANT:

/ PURCHASE COLLEGE

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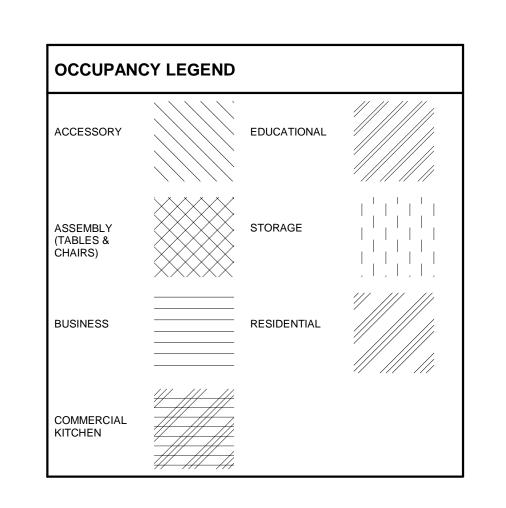
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02/15/2019

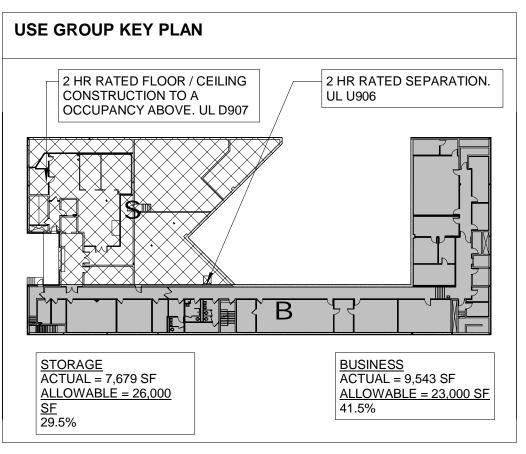
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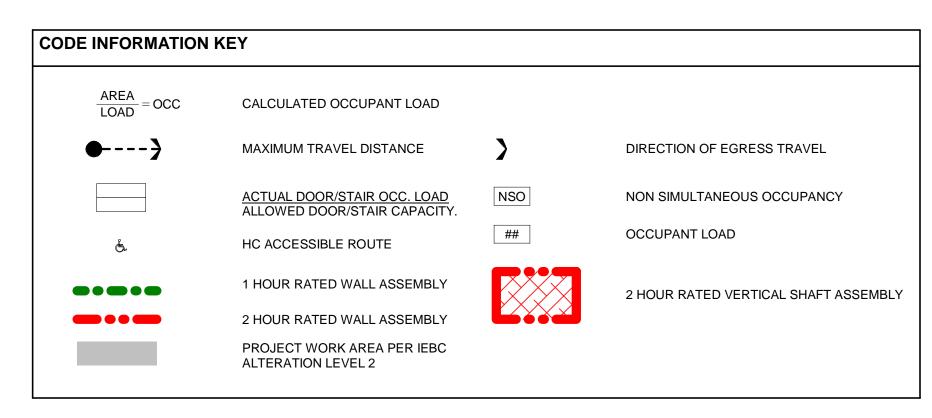
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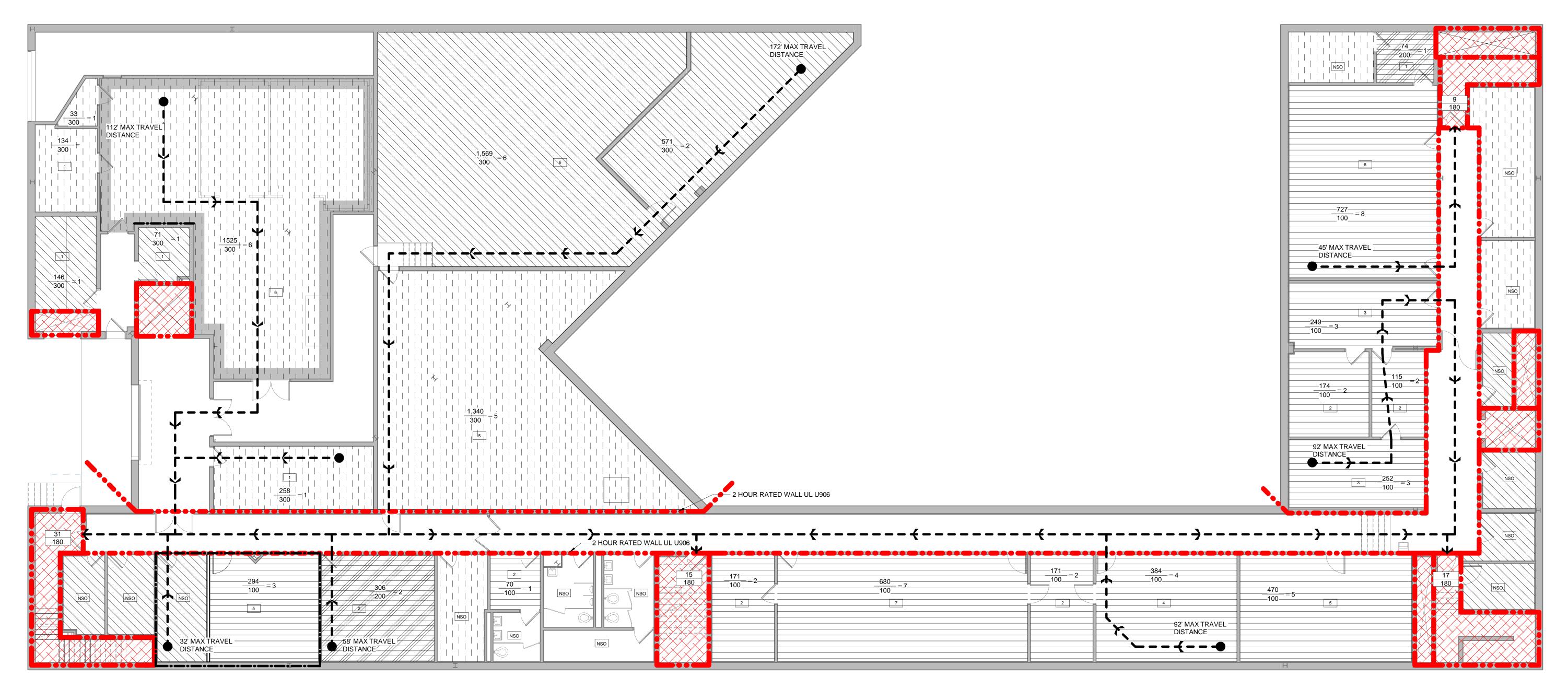
CODE DATA



BASEMENT CODE PLAN
1/8" = 1'-0"







ARCHITECT:

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10. DATE DESCRIPTION

STERED ARCHITICAL STREET OF NEW 37334 OF NEW 100 NEW 1

ISSUED FOR:BID
ISSUED DATE:FEBRUARY, 15 2019

02/15/2019

DRAWN BY:JW
CHECKED BY:CM

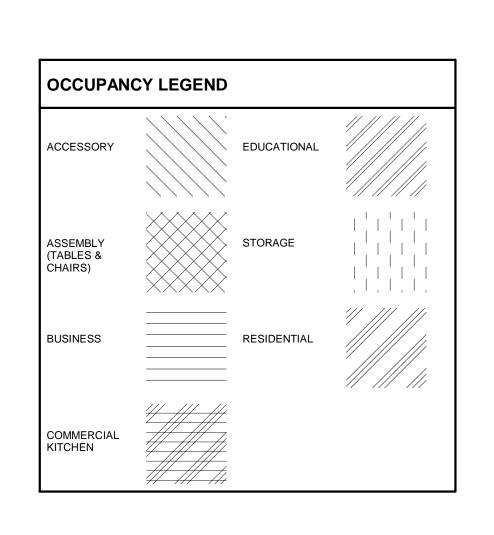
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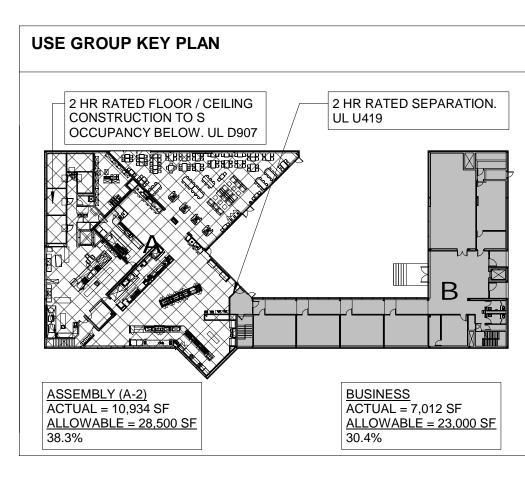
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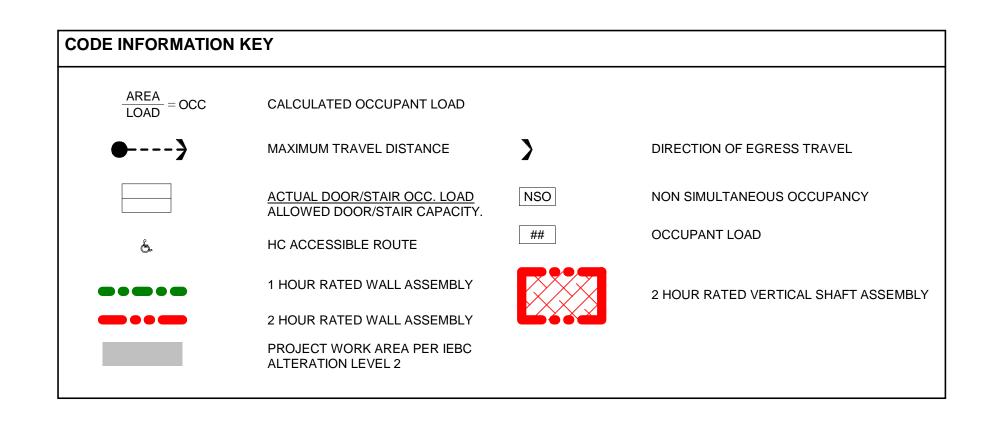
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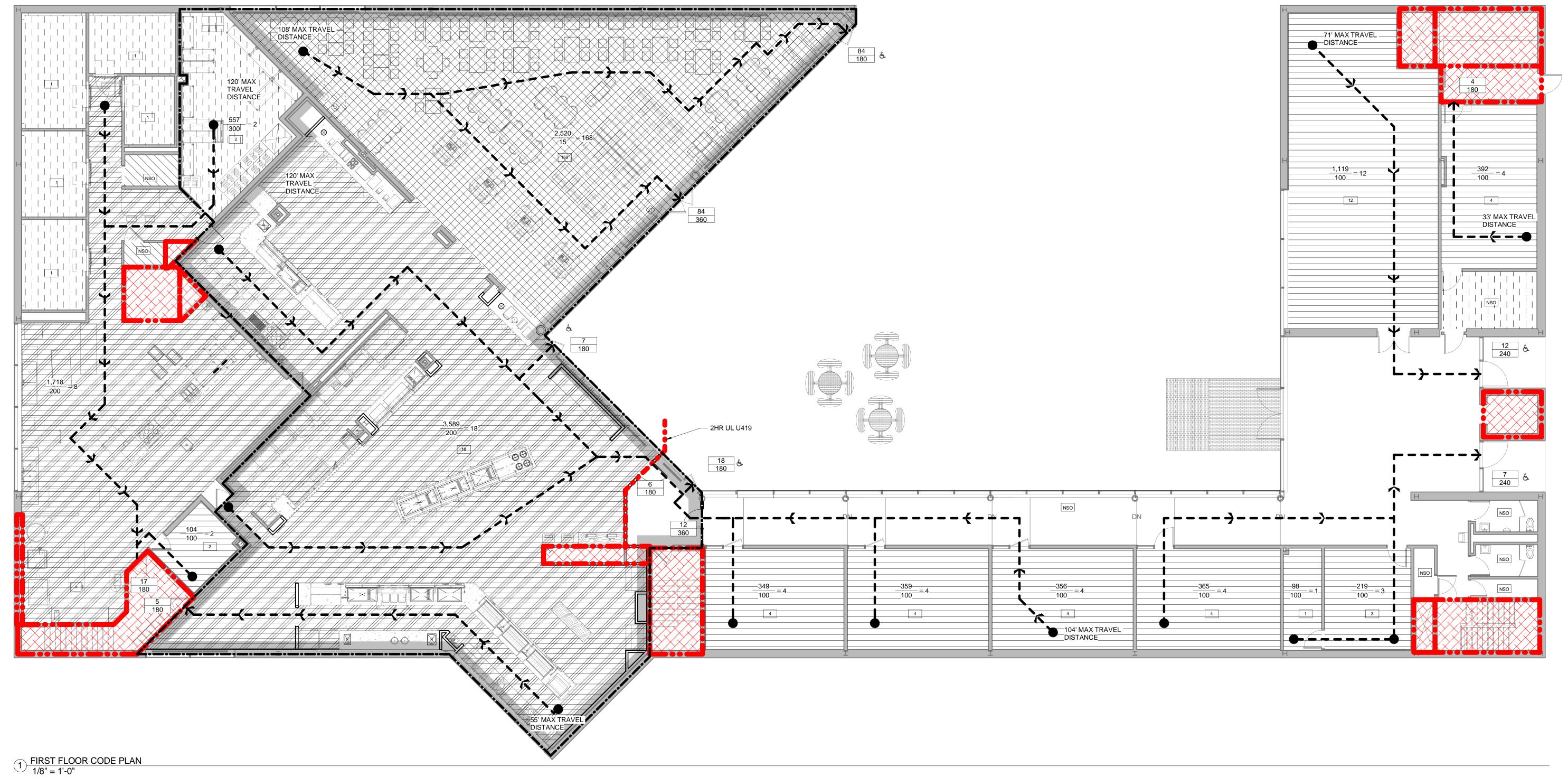
CODE PLAN &
ANALYSIS
BASEMENT

DRAWING











SUNY PURCHASE COLLEGE

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CAFE RENOVATION

735 ANDERSON HILL RD

AL:

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ISSUED DATE:FEBRUARY, 15 2019

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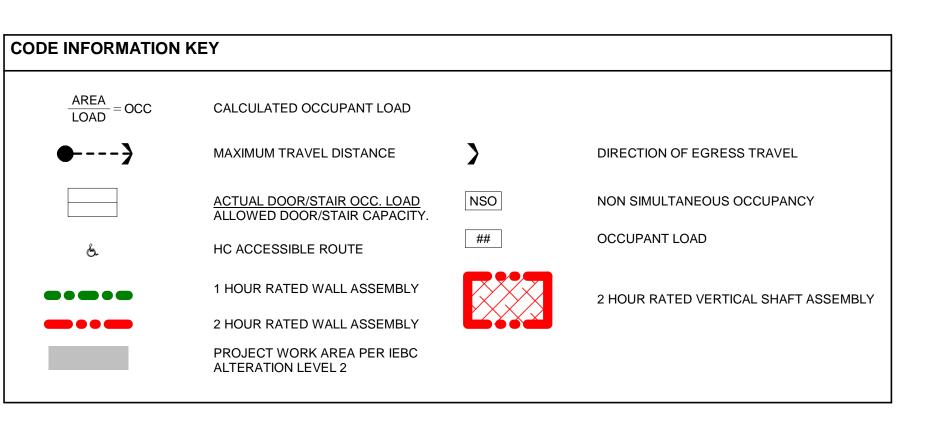
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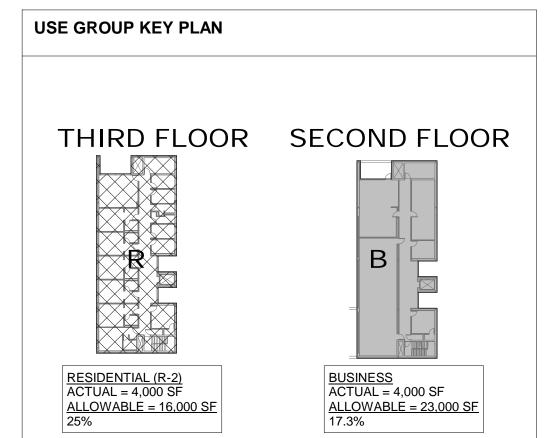
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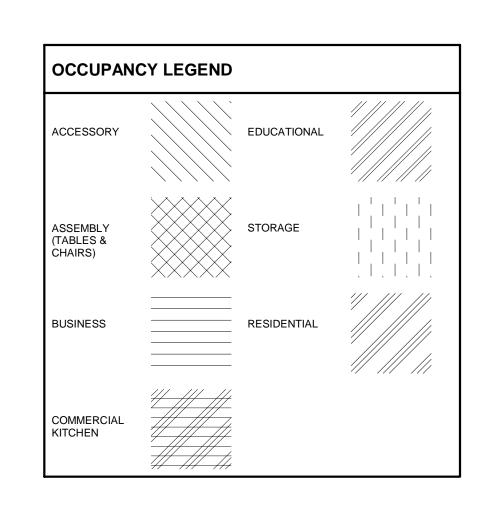
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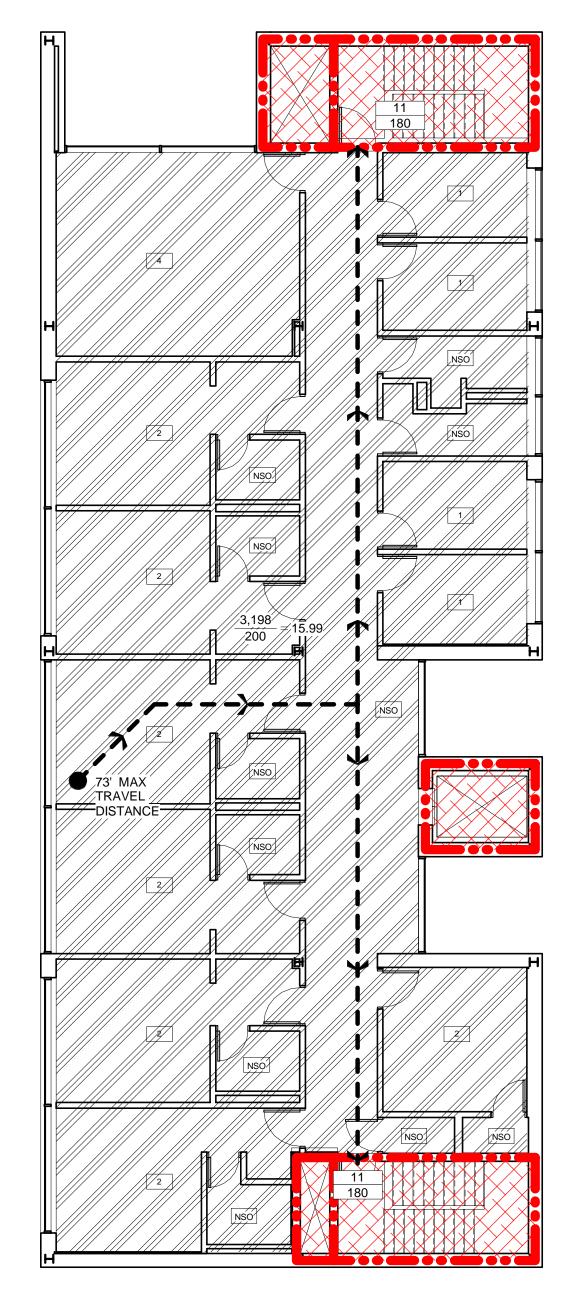
CODE PLAN & ANALYSIS FIRST FLOOR

DRAWING NO



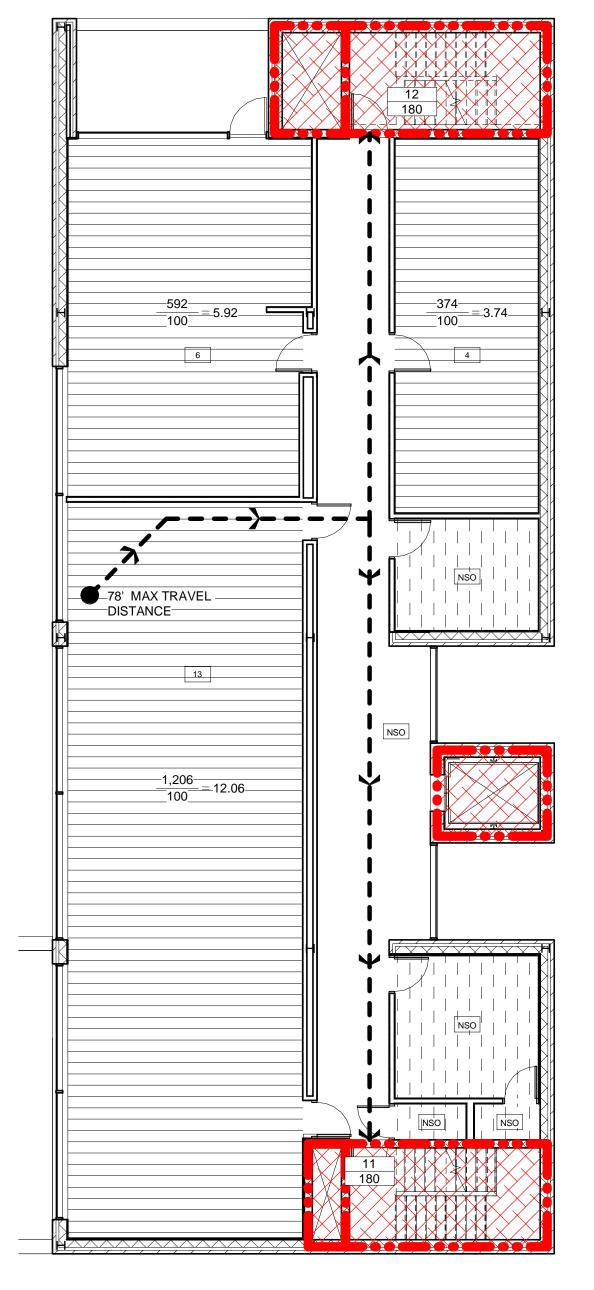






NO WORK THIS AREA

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



NO WORK THIS AREA

1/8" = 1'-0"

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PROJECT		
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NO.	DATE	DESCRIPTION
SEAL:		



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ISSUED DATE:FEBRUARY, 15 2019

DRAWN BY:JW
CHECKED BY:CM
PROJECT NUMBER: 1517347

PROJECT NUMBER: 1517347

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DRAWING NAME:

CODE PLAN &
ANALYSIS
SECOND AND
THIRD FLOOR

DRAWING

DESIGN DEVELOPMENT PLANS for

Cafe Addition and Remodel

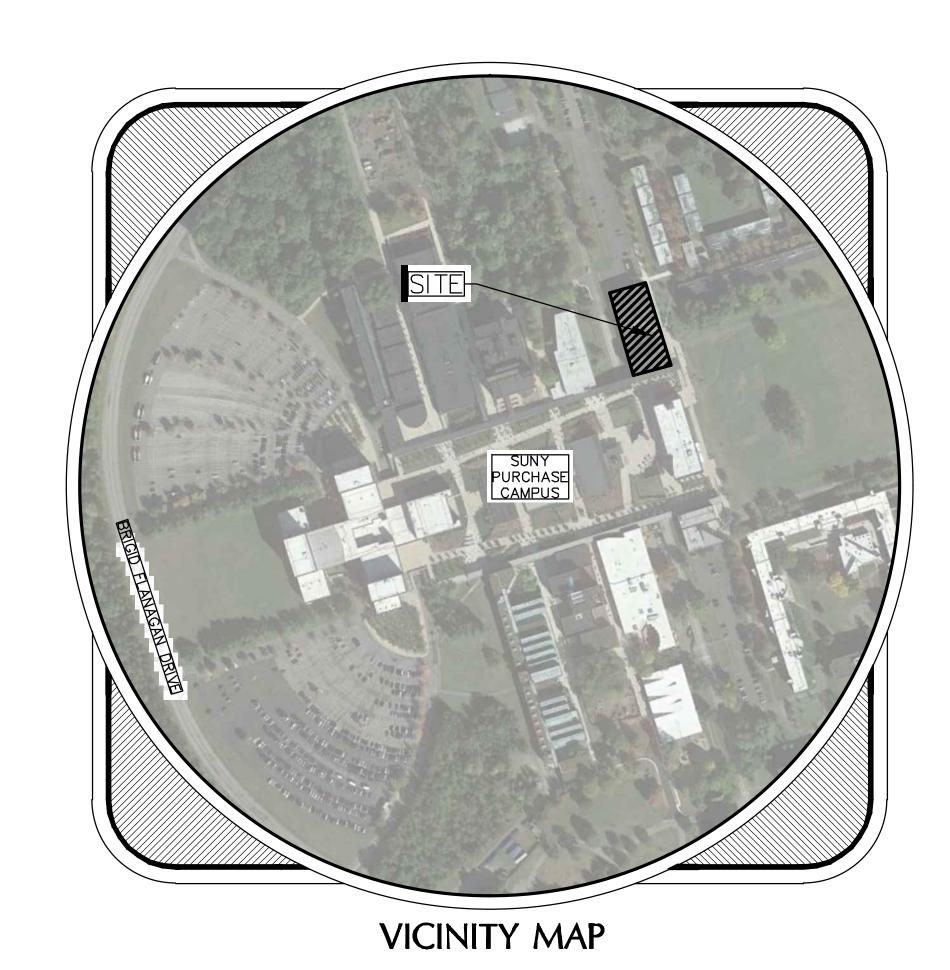
Purchase, NY 10577

SITE INDEX

		_
NO.	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>	DRAWING TITLE	LATEST ISSUE
TS105	Topographic Survey 5	1/18/2012
	Prepared by Badey & Watson	



	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) 424-437		
	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				

1" = 400'

OWNER: State University of New York Purchase College

735 Anderson Hill Road Purchase, NY 10577

APPLICANT: State University of New York Purchase College

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SUNY PURCHASE COLLEGE

CAFE ADDITION AND REMODEL

PROJECT		
	SIONS	DECODIDITION / COMMENTS
REV	DATE	DESCRIPTION / COMMENTS
1	3-30-2018	ADDENDUM-1
2	12-14-2018	90% DRAWINGS
SEAL		

ISSUED FOR:OUT-TO-BID
ISSUED DATE: 2.16.2018

DRAWN BY: JBB
CHECKED BY: LAR

PROJECT NUMBER:

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COVER SHEET

DRAWING NO.

C-1

LEGEND EXISTING PROPOSED - LOCUS PROPERTY LINE ABUTTER PROPERTY LINE — — CHAIN LINK FENCE —□———— – STOCKADE FENCE — — — MAJOR CONTOUR (5 FEET) ---- - MINOR CONTOUR (1 FOOT) - TREE LINE —W——— — UNDERGROUND WATER LINE -S ---- - UNDERGROUND SEWER LINE ------ - UNDERGROUND TELEPHONE LINE UNDERGROUND DRAIN LINE ----E ----- - UNDERGROUND ELECTRIC LINE ------ — UNDERGROUND GAS LINE ----OHW----- - OVERHEAD WIRE BOLLARD SIGN DOUBLE SIGN - IRON PIPE - PULL BOX ф UTILITY POLE $\bigcirc B - 80$ - BORING LOCATION - CATCH BASIN - DOUBLE CATCH BASIN - DRAIN MANHOLE - SEWER MANHOLE HYDRANT WATER VALVE – PLUG/STUB - LAMP POST TBM - TEMPORARY BENCHMARK • • • • GUARDRAIL 0 0 0 TREE (DECIDUOUS) TREE (CONIFEROUS)

PARKING COUNT

- HANDICAP RAMP

- HANDICAP PARKING

VAN—ACCESSIBLE HANDICAP PARKING

ABBREVIATIONS

GENERAL ARAN **ABANDON** ACR ACCESSIBLE CURB RAMP ADJ ADJUST **APPROX APPROXIMATE** BITUMINOUS BERM BITUMINOUS CURB BOS BOTTOM OF SLOPE BOTTOM OF SLOP CONCRETE CURB CCB CAPE COD BERM CC&G **ELEV** ELEVATION **EXIST** EXISTING FDN FOUNDATION GRANITE CURB

MAX

MCC

MIN

NIC

NTS

PCC

REM

RET

R&R

R&S

SGE

SKF

TOS

TYP

VGC

CAP

C&C

CIP

CIT

FES

F&G

F&C

HYD

INV

PIV

PWW

PVC

RCP

VCP

TS

REMOD

PROP

CONCRETE CURB & GUTTER GRANITE EDGING MAXIMUM MONOLITHIC CONCRETE CURB MINIMUM NOT IN CONTRACT NOT TO SCALE PRECAST CONCRETE CURB PROPOSED REMOVE RETAIN REMODEL REMOVE AND RESET REMOVE AND STACK SLOPED GRANITE EDGING STOCKADE FENCE TOP OF SLOPE

UTILITY

VERTICAL GRANITE CURB

TOP OF SLOPE

TYPICAL

ACCCMP ASPHALT COATED CORRUGATED METAL PIPE CORRUGATED ALUMINUM PIPE CUT AND CAPPED CAST IRON PIPE CHANGE IN TYPE COND CONDUIT DUCTILE IRON PIPE FLARED END SECTION FRAME AND GRATE FRAME AND COVER **HDPE** HIGH DENSITY POLYETHYLENE PIPE ELECTRIC HANDHOLE HYDRANT INVERT ELEVATION POST INDICATOR VALVE PAVED WATER WAY POLYVINYLCHLORIDE PIPE REINFORCED CONCRETE PIPE TSV&E TAPPING SLEEVE, VALVE AND BOX UTILITY POLE VITRIFIED CLAY PIPE

SITE PLAN NOTES

- EXISTING CONDITIONS INFORMATION WAS TAKEN FROM A SURVEY PERFORMED BY NORTHEAST SURVEY CONSULTANTS. DATED NOVEMBER 13, 2014 AND COMPILED FROM INFRASTRUCTURE
- 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.
- 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
- 6. ALL PAVED RADII ARE TO BE 2' UNLESS OTHERWISE NOTED.

MATCH FINISHED GRADE.

SITE ADDRESS:

TOTAL PARCEL AREA:

DEED REFERENCES:

CURRENT ZONING:

4. PROPOSED USES:

PROPOSED STRUCTURES:

BADEY & WATSON

3043 ROUTE 9 COLD SPRING, NY 10516

AGAINST SUCH VIOLATION.

PARCEL ID:

- 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.

UNLESS NOTED OTHERWISE. ALL CURBING AS NOTED ON THE DRAWINGS.

- 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
- 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:

735 ANDERSON HILL ROAD

479,595 SF. (11.0 AC.)

+/-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

STRUCTURE LOCATIONS WAS PROVIDED BY THE FOLLOWING COMPANY & WAS DATED DECEMBER

TOPOGRAPHY WITH SPOT ELEVATIONS, OUTSTANDING PHYSICAL FEATURES AND EXISTING

PRIOR TO RECORDING THE FINAL APPROVED SITE PLAN, AN AS-BUILT PLAN SHALL BE

8. DISPOSAL OF MATERIALS SHALL BE IN ACCORDANCE WITH ALL LOCAL, STATE, AND/OR FEDERAL

9. ALL CONSTRUCTION IN TOWN RIGHT-OF-WAY SHALL BE COORDINATED WITH THE PURCHASE

10. ANY DEVELOPMENT, EXCAVATION, CONSTRUCTION IS SUBJECT TO LOCAL, STATE, AND FEDERAL

11. CONSTRUCTION OF BUILDING, AND UTILITY ENTRANCES SHALL BE IN ACCORDANCE WITH

13. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE RESTORED AND GRADED TO ORIGINAL

14. A STORMWATER POLLUTION PREVENTION PLAN SHALL BE PREPARED FOR THIS PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING THIS PLAN AT THE JOB SITE.

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

ORIGINAL GRADES UNLESS OTHERWISE SHOWN ON THE THE CONSTRUCTION DRAWINGS.

PREVENTION PLAN AT THE JOB SITE. CONTRACTOR SHALL PROVIDE INLET PROTECTION

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

. PRIOR TO SUBMITTING THE NOTICE OF TERMINATION, CONTRACT SHALL CLEAN ALL STORMWATER DRAINAGE STRUCTURES, CATCH BASINS, OUTLET CONTROL STRUCTURES

APPROVAL OF ANY MODIFICATIONS TO THE APPROVED SITE PLANS PRIOR TO THE WORK

7. CONTACT THE PURCHASE WATER AND SEWER COMMISSION & DPW FOR REVIEW &

8. ANY WORK & MATERIAL WITHIN THE TOWN RIGHT-OF-WAY SHALL CONFORM TO THE

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

10. CONSTRUCTION UPGRADES TO THE WATER AND SEWER SERVICES MAY ONLY BE

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.

TOWN OF PURCHASE STANDARD SPECIFICATIONS AND REQUIREMENTS.

REPRESENTATIVES, A.I.C. REPRESENTATIVE AND ANY OTHER AFFECTED PARTIES.

2. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE RESTORED AND GRADED TO

3. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING THE STORMWATER POLLUTION

5. CONTRACTOR SHALL PROVIDE TWO SETS OF AS-BUILT DRAWINGS, PRIOR TO FINAL

4. THE CONTRACTOR SHALL NOTIFY DIG SAFE @ 1-888-344-7233 PRIOR TO

COMMENCEMENT OF ANY DEMOLITION/CONSTRUCTION ACTIVITY.

AND SUBSURFACE STORMWATER INFILTRATION ACCESS PORTS.

72 HOURS REFORE ANY EXCAVATION OCCURS.

PERFORMED BY COMMISSION APPROVED CONTRACTORS.

BEING PERFORMED.

12. THE AREA SHALL BE KEPT CLEAN AND FREE FROM DEBRIS AT ALL TIMES DURING

GRADES UNLESS OTHERWISE SHOWN ON THE THE CONSTRUCTION DRAWINGS.

15. THE CONTRACTOR SHALL NOTIFY DIG SAFE @ 1-888-DIG-SAFE OR 811 PRIOR TO

COMMENCEMENT OF ANY DEMOLITION/CONSTRUCTION ACTIVITY.

TO ADJACENT SITE DRAINS AND/OR CATCH BASINS.

ASSOCIATED ARCHITECTS PLANS PREPARED BY PHASE ZERO DESIGN...

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

Plan 211 Page 97

EDUCATIONAL

PROVIDED TO THE OWNER AND DOUCET & ASSOCIATES, INC.

REGULATIONS GOVERNING SUCH OPERATIONS.

DPW AND PURCHASE WATER & SEWER COMMISSION.

11110-0454

PURCHASE, NEW YORK 10577

R-2 ONE - FAMILY RESIDENCE

SITE GRADING NOTES

- 1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES. AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE THE CONTRACTOR SHALL CONTACT THE COLLEGE AN 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
- 2. ALL CUT OR FILL SLOPES SHALL BE 3:1 OR FLATTER UNLESS OTHERWISE NOTED.
- 3. PRECAST STRUCTURES MAY BE USED AT CONTRACTORS OPTION.
- 4. STORM PIPE SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED: HIGH DENSITY POLYETHYLENE PIPE (HDPE) SMOOTH INTERIOR/ANNULAR EXTERIOR. PIPE JOINTS AND FITTINGS SHALL CONFORM TO AASHTO M252 AND M294.
- 5. EXISTING DRAINAGE STRUCTURES TO BE INSPECTED AND REPAIRED AS NEEDED, AND EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
- 6. EXISTING GRADE CONTOUR INTERVALS SHOWN AT 1 FOOT INTERVALS.
- 7. PROPOSED GRADE CONTOUR INTERVALS SHOWN AT 1 FOOT INTERVALS.
- 8. IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITIONS OR
- 9. ALL STORM PIPES ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT
- 10. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING (H20) RING & COVER MANHOLES
- 11. CONTRACTOR SHALL ADJUST AND/OR SAWCUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
- 12. CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS FOR ALL
- NATURAL AND PAVED AREAS. 13. EXISTING CONDITIONS INFORMATION WAS TAKEN FROM A SURVEY PERFORMED BY
- NORTHEAST SURVEY CONSULTANTS. DATED NOVEMBER 13, 2014 AND COMPILED FROM INFRASTRUCTURE DESIGN PLANS. 14. ALL UNSURFACED AREAS DISTURBED BY GRADING OPERATION SHALL RECEIVE 4 INCHES

OF TOPSOIL. CONTRACTOR SHALL APPLY STABILIZATION FABRIC TO ALL SLOPES

STEEPER THAN 3H: 1V. CONTRACTOR SHALL GRASS DISTURBED AREAS IN ACCORDANCE

- WITH THE SPECIFICATIONS UNTIL A HEALTHY STAND OF GRASS IS OBTAINED. 15. ALL STORM MANHOLES SHALL HAVE A SMOOTH UNIFORM POURED MORTAR INVERT
- 16. IF CONTRACTOR RELOCATES OR SETS NEW BENCHMARKS, THE VERTICAL ELEVATIONS OF THE BENCHMARKS SHALL BE SET, BY A LICENSED SURVEYOR, WITHIN A TOLERANCE OF
- 17. ALL UTILITY ADJUSTMENTS SHALL BE COMPLETED PRIOR TO FINAL PAVING CONSTRUCTION

FROM INVERT IN TO INVERT OUT.

SITE UTILITY NOTES

- ALL FILL MATERIAL IS TO BE IN PLACE, AND COMPACTED BEFORE INSTALLATION OF
- CONTRACTOR SHALL NOTIFY THE COLLEGE AND APPLICABLE UTILITY AUTHORITY INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
 - 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

- WATER LINES SHALL BE AS FOLLOWS: ALL WATER SYSTEM COMPONENTS AND WATER LINES SHALL COMPLY WITH TOWN OF PURCHASE WATER & SEWER COMMISSION GUIDELINES & POLICIES AND ANY OTHER PUBLISHED TOWN SPECIFICATIONS OR
- 5. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 5' COVER ON ALL WATERLINES.
- 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 PROVIDE A MINIMUM OF 18" VERTICAL CLEARANCE. MEETING REQUIREMENTS OF ANSI A21.10 OR ANSI 21.11 (AWWA C-151) (CLASS 52).
- 7. LINES UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE
- 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.
- ALL CONCRETE FOR ENCASEMENTS SHALL HAVE A MINIMUM 28 DAY COMPRESSION STRENGTH AT 3000 P.S.I.
- 10. DRAWINGS DO NOT PURPORT TO SHOW ALL EXISTING UTILITIES.
- 11. EXISTING UTILITIES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF ANY NEW
- 12. REFER TO ARCHITECTURAL INTERIOR DRAWINGS FOR TIE-IN OF ALL UTILITIES.
- 13. CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE TOWN OF PURCHASE WITH REGARDS TO MATERIALS OF THE WATER AND SEWER LINES.
- 14. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN 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.
- UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO ANNOUNCED BUILDING POSSESSION AND THE FINAL CONNECTION OF SERVICE.

15. ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR

- 16. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS AND SPECIFICATIONS.
- 17. REFER TO ARCHITECT PLANS FOR SITE LIGHTING ELECTRICAL PLAN

ASTM C 890-06 Standard for Waste Water Structures

- 18. CONTRACTOR SHALL COMPLY WITH THE LATEST OSHA STANDARDS & TOWN OF PURCHASE DPW SPECIFICATIONS FOR EXCAVATION AND TRENCHING PROCEDURES. THE 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 ON THE SITE INCLUDING BUT NOT LIMITED TO SEWER, WATER, ELECTRIC, GAS, TELEPHONE, CATV AND OTHERS.
- 20. SITE LIGHT POLES ARE TO REMAIN AND BE RELOCATED AS INDICATED ON THE PLAN.
- 21. GREASE INTERCEPTOR SPECIFICATION REFERENCES: ASTM C1613-06 Standard Specifications for Precast Grease Interceptor Tanks
- ASTM C 318-02 Standard for Reinforced Concrete NEW YORK STATE DESIGN STANDARDS FOR INTERMEDIATE SIZED WASTEWATER TREATMENT SYSTEMS. 2014

The University of the State of New York THE STATE EDUCATION DEPARTMENT State Board 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 PERMIT TO PRACTICE PROFESSIONAL ENGINEERING

This permit shall entitle the holder to practice Professional Engineering in New York only in connection with the specific project listed below

Permit Number Issue Date

01/13/2017 01/12/2020 **Expiration Date**

This is to certify that Lawrence A Rusiecki

467

having applied for a limited permit to practice professional engineering in the State of New York and having submitted satisfactory evidence of established and recognized professional standing in State of Massachusetts

and holds license number 47864

and the State Board for Engineering having recommended the issuance of such limited permit; therefore, in accordance with the provisions of section 7207, subdivision 1, of the Education Law, the individual,

Lawrence A Rusiecki is hereby granted this limited permit to practice professional engineering in this state but only in connection with a specific project, viz., Purchase College State University of New York 735 Anderson Hill Road Purchase NY 10577

State of Massachusetts seal as provided in Section 7207 of the Education Law. A copy of this permit shall accompany all documents filed with building officials or others in conjunction with this project.

and is authorized to file plans, specifications and reports using his/her



Executive Secretary

NON-TRANSFERABLE VALID 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

design

EIGHT WILCOX STREET

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Purchase College

STATE UNIVERSITY OF NEW YOR

SUNY PURCHASE COLLEGE

PURCHASE, NY 10577

DA DOUCET

& ASSOCIATES

735 ANDERSON HILL ROAD,

Civil Engineering & Planning

Easthampton, MA 01027

www.doucetandassociates.com

Phone: (413) 203-2349

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DATE DESCRIPTION / COMMENTS 12-14-2018 90% DRAWINGS

ISSUED FOR: OUT-TO-BID

ISSUED DATE: 2.16.2018 DRAWN BY: JBB

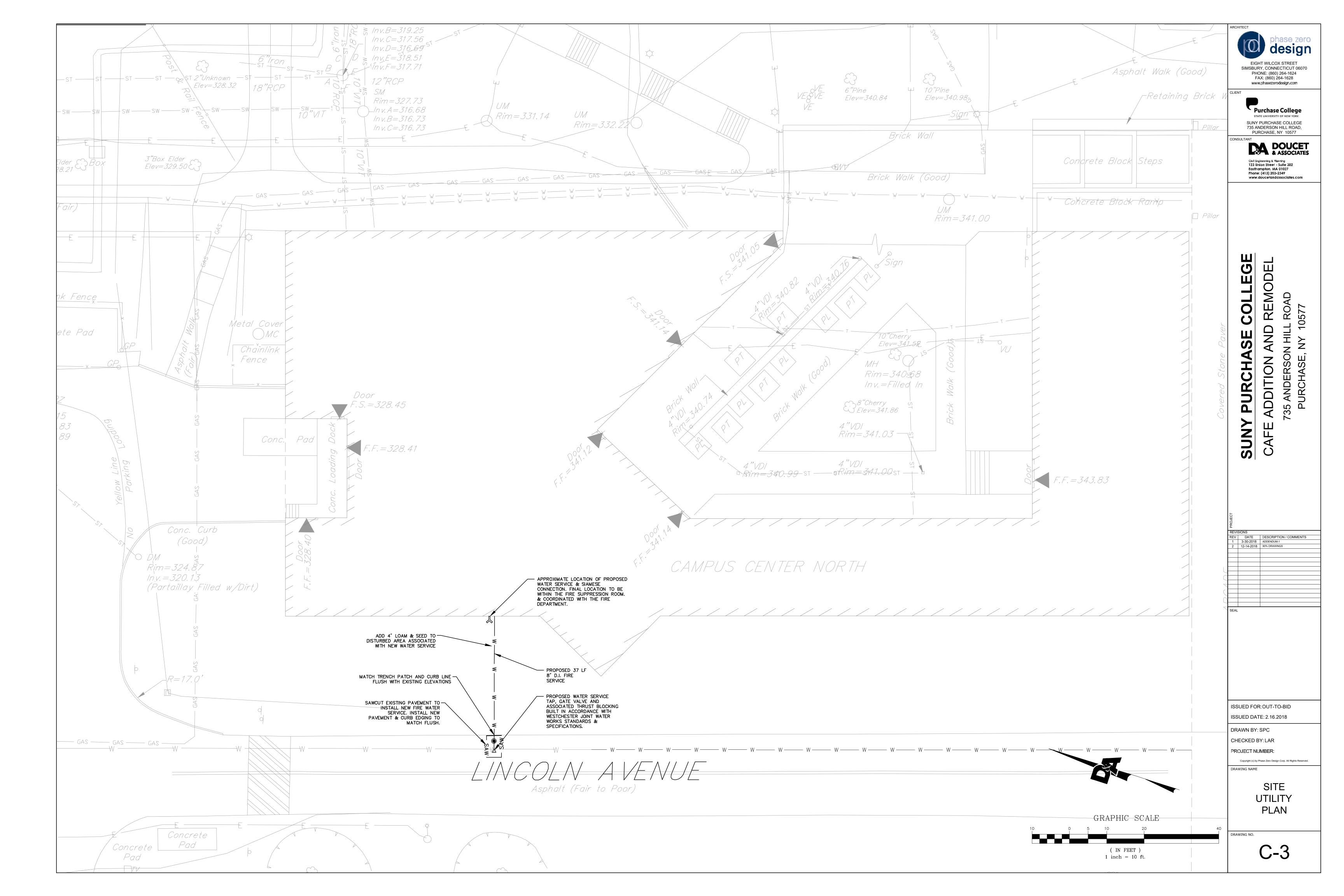
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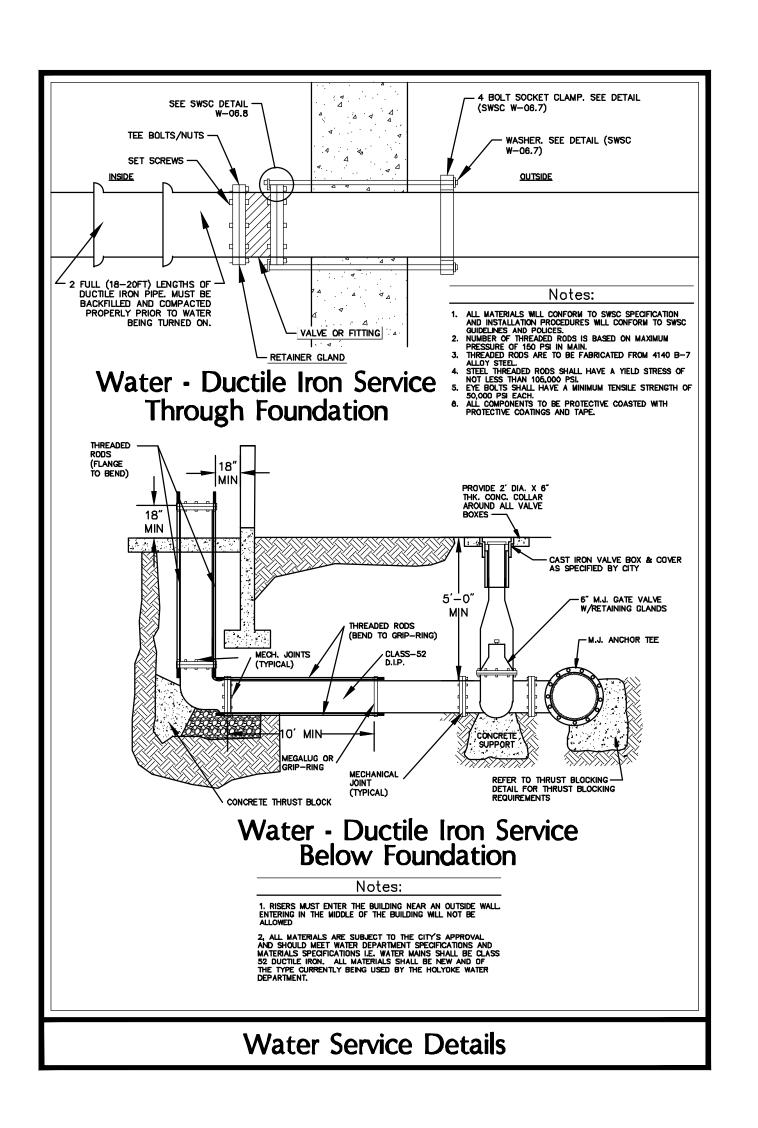
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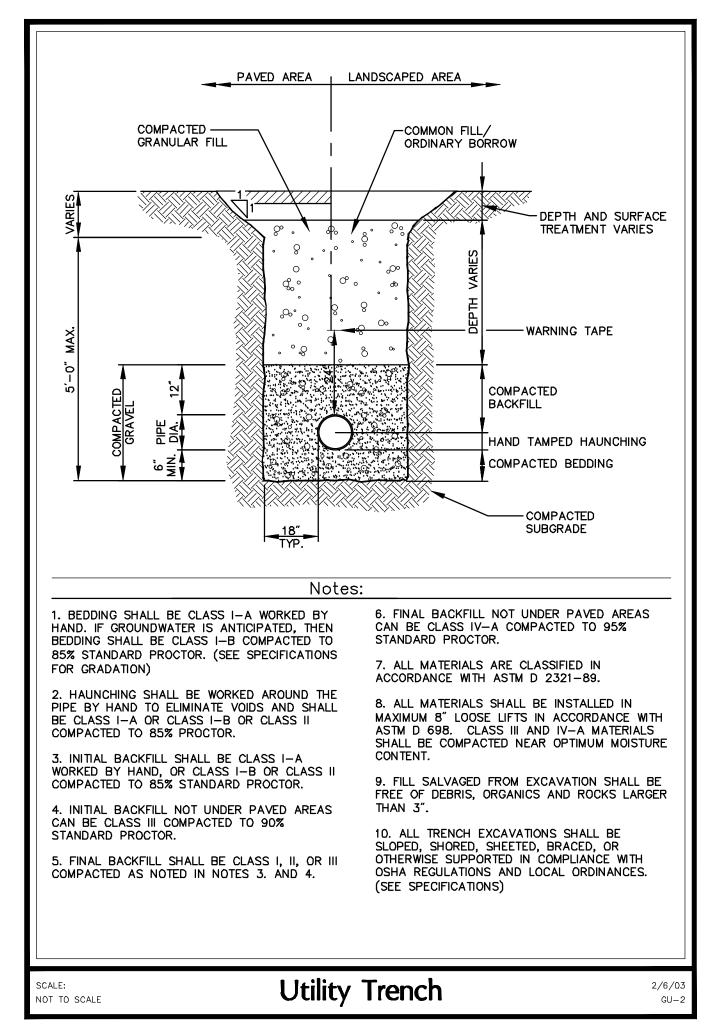
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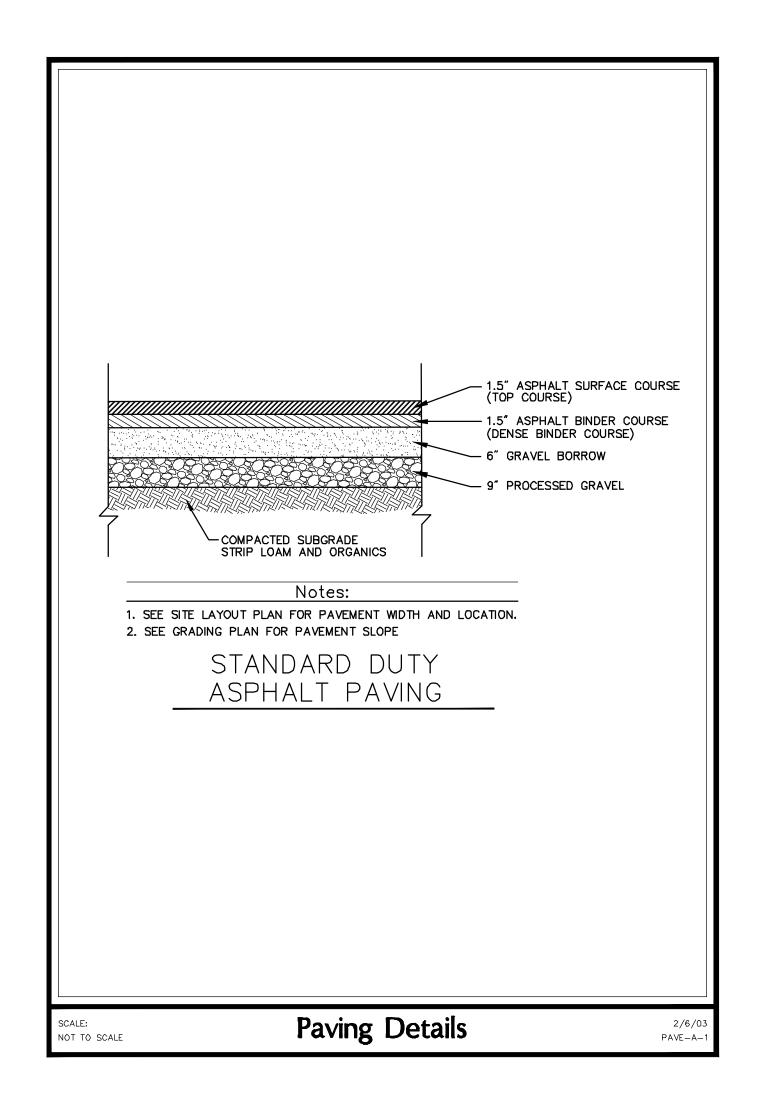
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NOTES











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COLLEGE AND REMODEL 35 ANDERSON F PURCHASE, N **ADDITION** 735 SUNY

10577

| REV | DATE | DESCRIPTION / COMMENTS | 1 | 3-30-2018 | ADDENDUM-1 | 2 | 12-14-2018 | 90% DRAWINGS |

ISSUED FOR:OUT-TO-BID ISSUED DATE: 2.16.2018

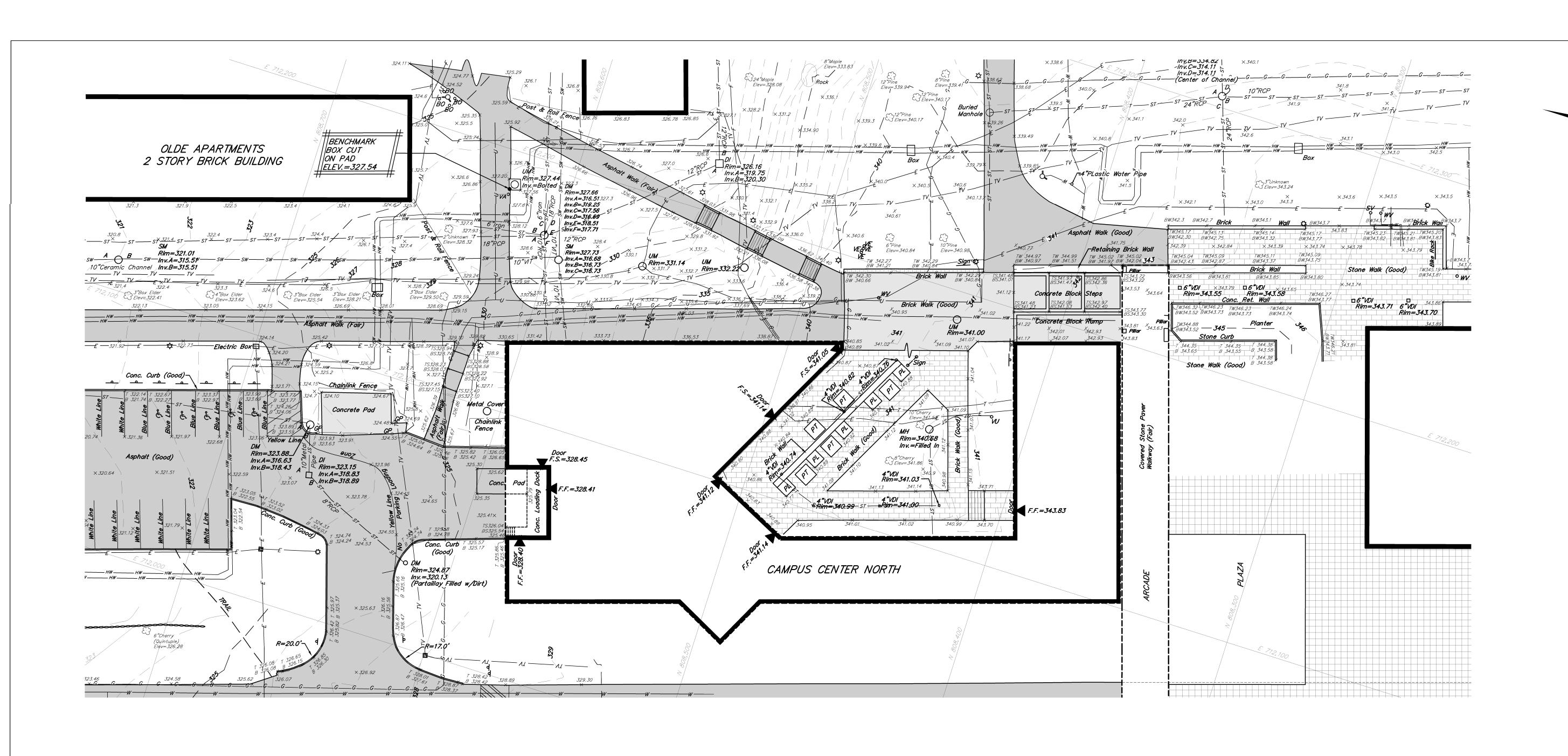
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REHABILITATE
PLAZA EXTERIOR
PATHWAYS

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

WARREN & PANZER ENGINEERS, P.C. 228 East 45th Street, 10th Floor New York, NY 10017

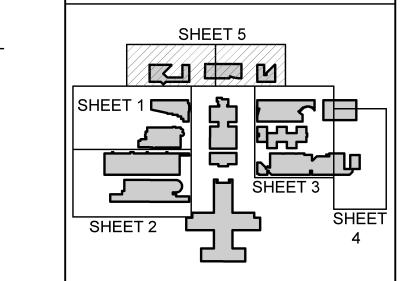
COST CONSULTANT:

TOSCANO CLEMENTS TAYLOR

ENVIRONMENTAL ENGINEER:

227 Main Street
Huntington, NY 11743
PREPARED BY:

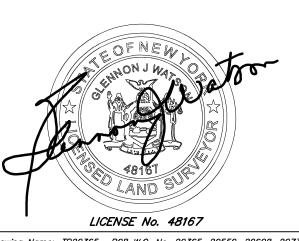
BADEY & WATSON 3043 Route 9 Cold Spring, NY 10516



Key P

FOR ALL NOTES SEE SHEET 5
FOR LEGEND SEE SHEET 5

No. 8	1/18/12	Edited Frame
No. 7	1/13/12	Additional Topography
No. 6	1/04/12	Additional Topography
No. 5	12/20/11	Additional Topography
No. 4	8/4/11	Additional Topography
No. 3	6/24/11	Additional Topography
No. 2	6/2/11	Sheet Set Reformed
No. 1	5/11/11	Original Issue

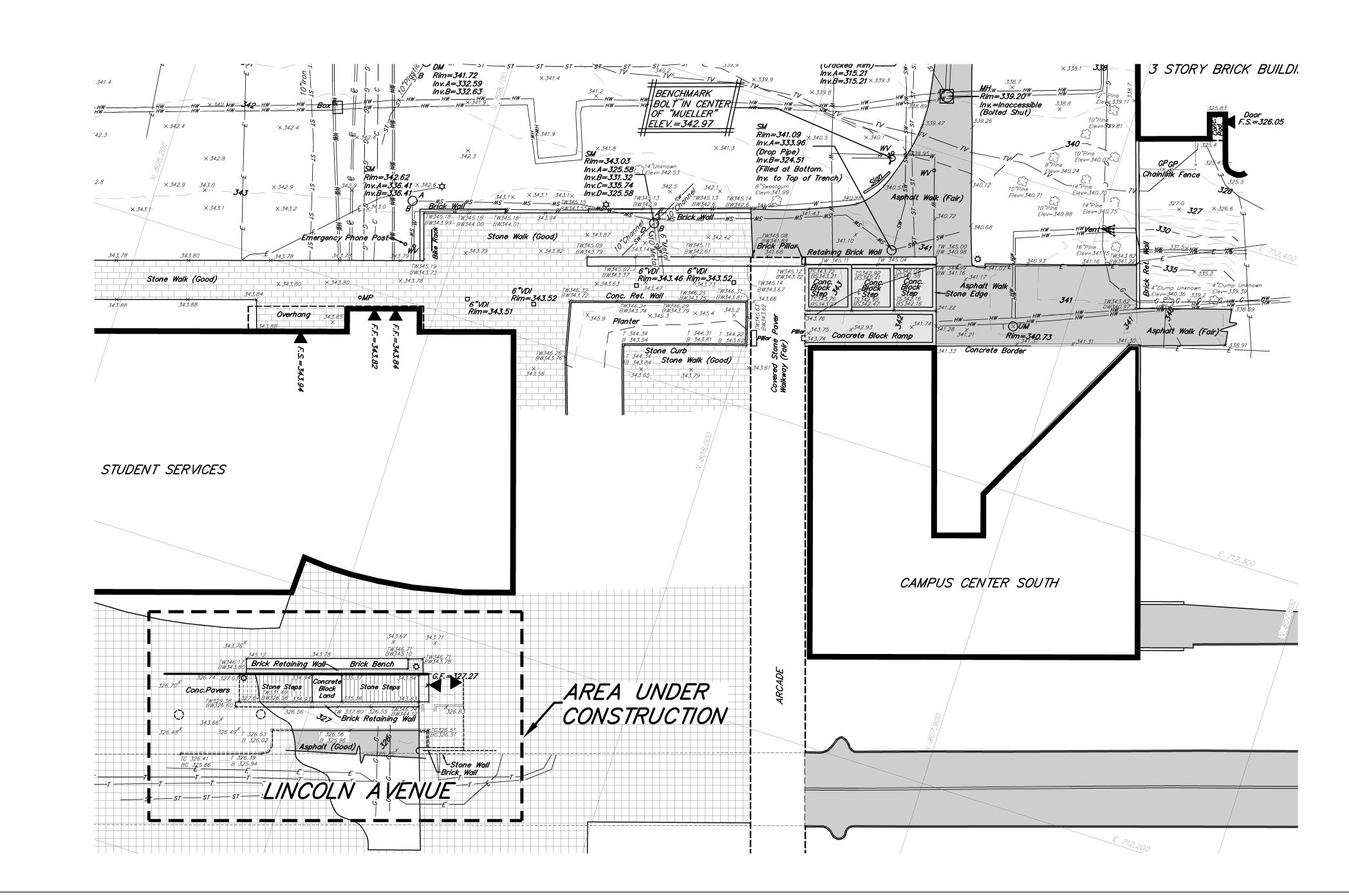


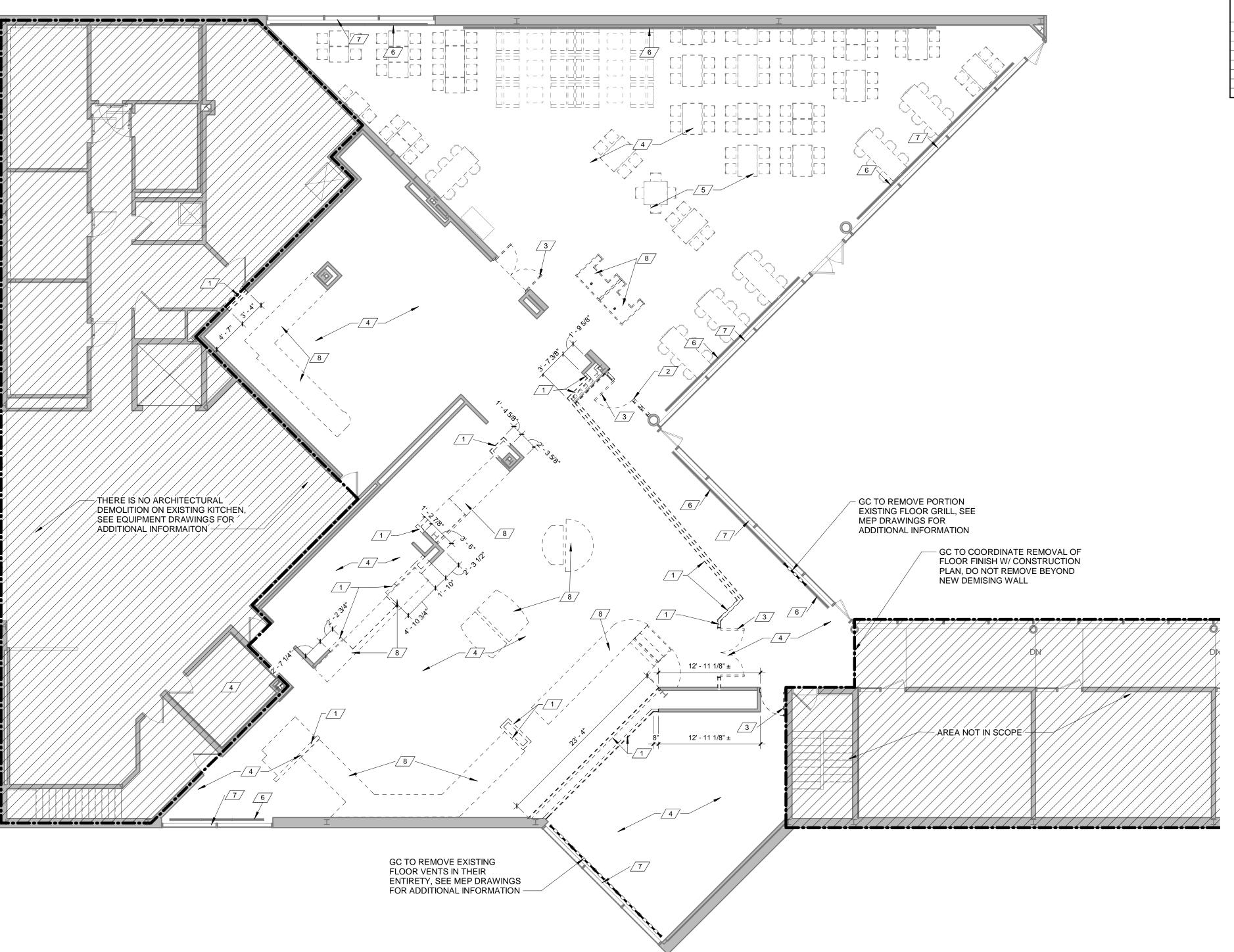
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Drawing Title:

TOPOGRAPHIC SURVEY 5

Contract No. S	UCF 29	9435
Drawn by:	DAP	Drawing No.
Approved by:	GJW	TS105
Scale: 1"=	:20'	13103
Date: APRIL 28	, 2011	Sheet No. 9 of 58





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 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

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.

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



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02/15/2019 ISSUED FOR:BID

ISSUED DATE: FEBRUARY, 15 2019

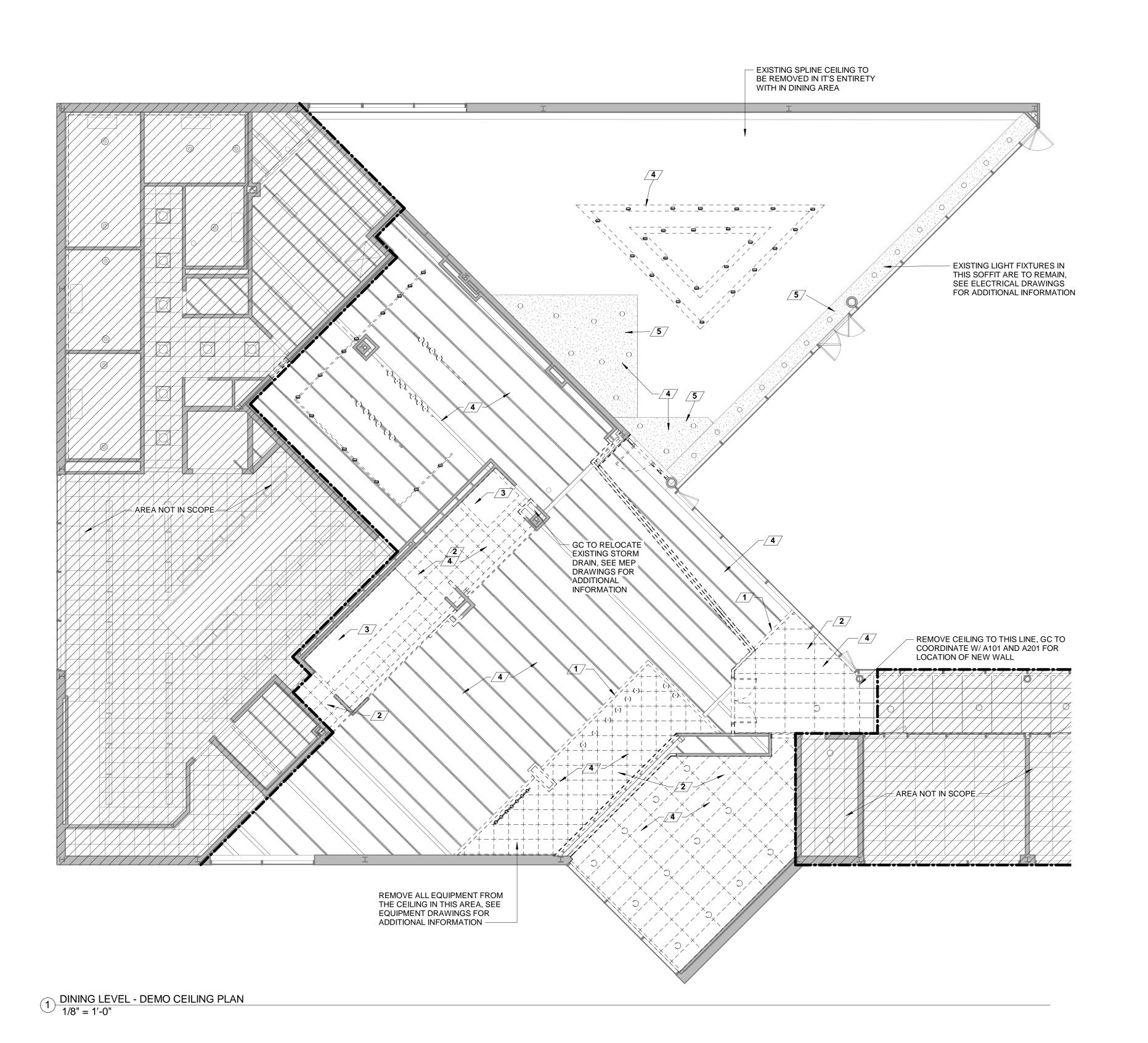
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PROJECT NUMBER: 1517347

RAWING NAME:

FIRST FLOOR DEMOLITION PLAN

AD101



CEILING DEMOLITION CODED NOTES

1 REMOVE EXISTING GYPSUM CEILING/SOFFIT IN IT'S ENTIRETY.

REMOVE PORTION OF EXISTING ACT TILE CEILING IAND GRID.

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

CEILING DEMOLITION NOTES

1. GC IS TO REFER TO EQUIPMENT DRAWINGS FOR ADDITIONAL DEMOLITION

NOTES.

2. REFER TO MEP DRAWINGS FOR ADDITIONAL DEMOLITION NOTES.

3. GC SHALL PATCH ALL WALLS AND SOFFITS TO REMAIN WHICH MAY HAVE BEEN DAMAGED DURING DEMOLITION.

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02/15/2019

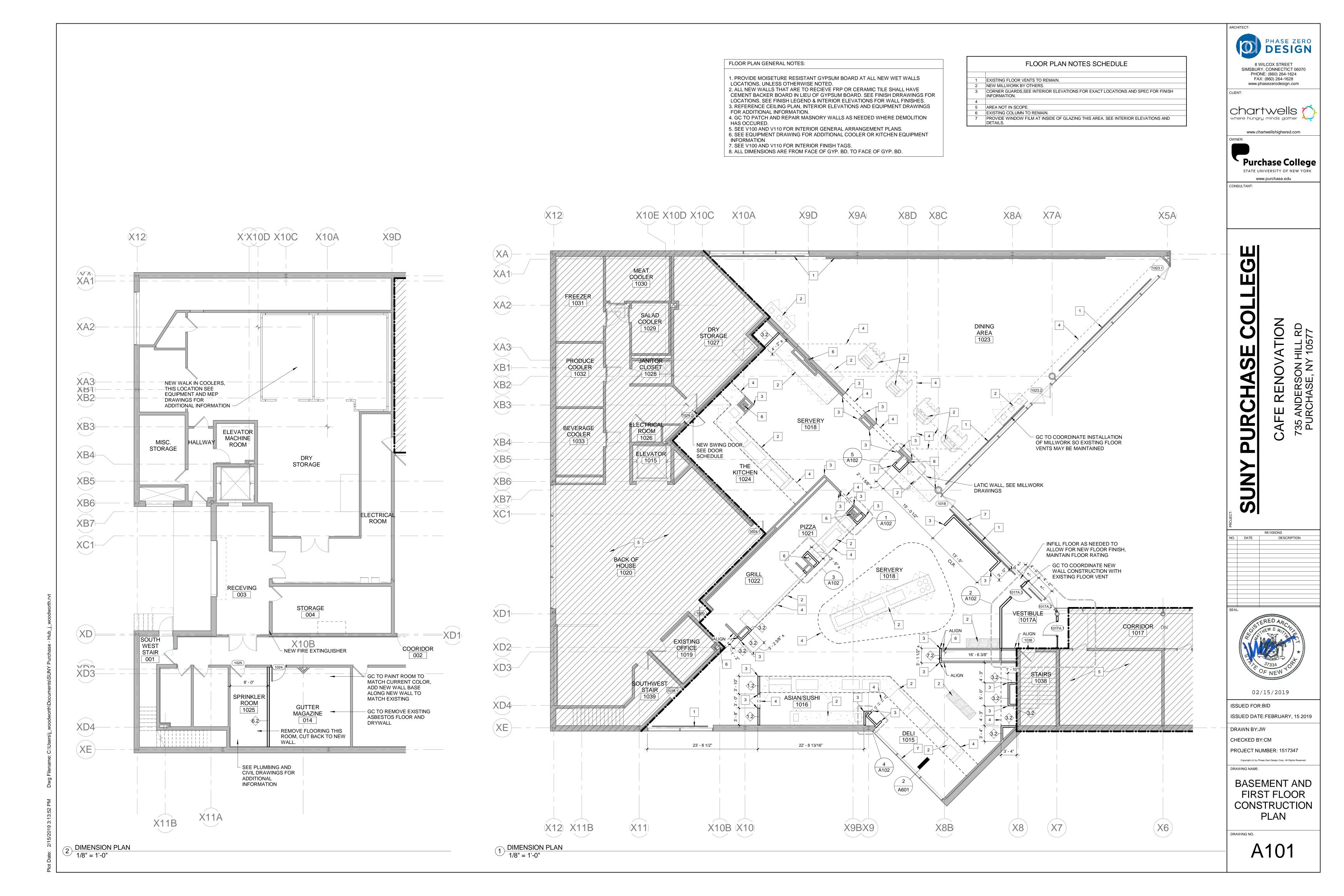
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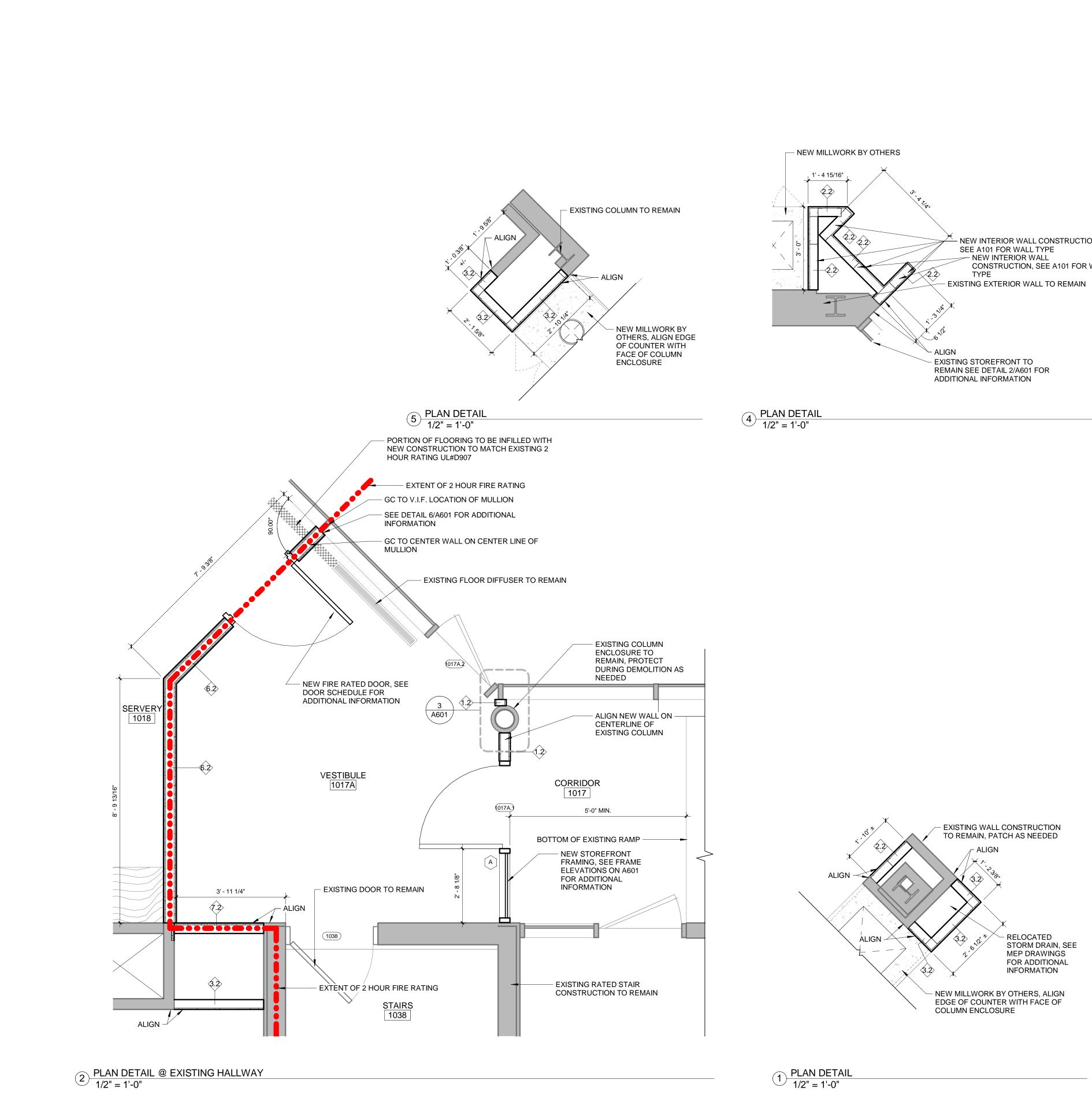
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FIRST FLOOR CEILING DEMOLITION PLAN

AD201





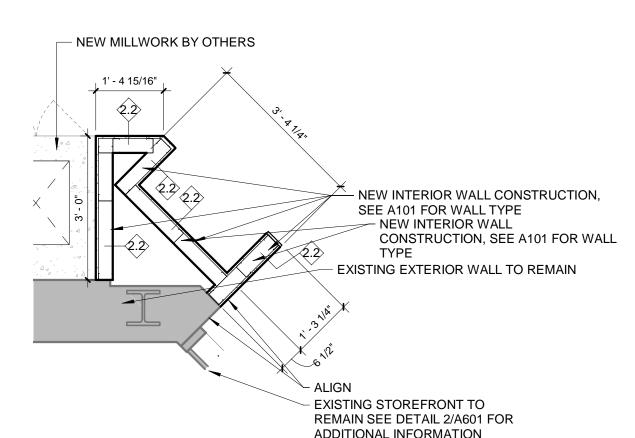
NEW MILLWORK BY OTHERS, ALIGN EDGE OF COUNTER WITH FACE OF COLUMN ENCLOSURE

NEW MILLWORK BY OTHERS,
 ALIGN EDGE OF COUNTER
 WITH FACE OF COLUMN

ENCLOSURE

EXISTING COLUMN TO REMAIN

3 PLAN DETAIL 1/2" = 1'-0"



COLLEGE CAFE RENOVATION

DESIGN

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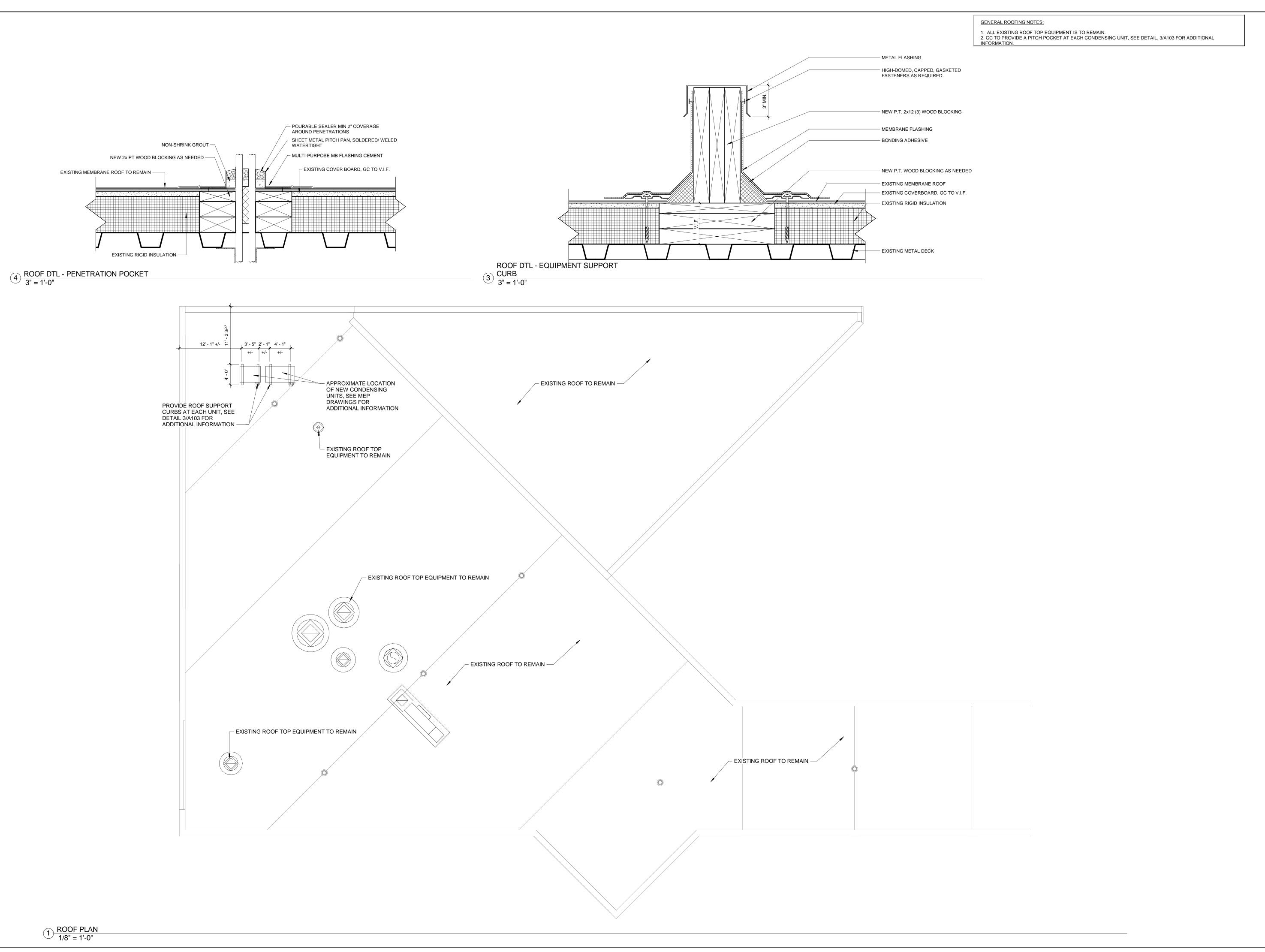
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ENLARGED PLANS & PLAN DETAILS

A102



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CAFE RENOVATION
735 ANDERSON HILL RD
PURCHASE, NY 10577

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ROOF PLAN

DRAWING NO

RAWING NAME:

A103

	CEILING SCHEDULE
TYPE	DESCRIPTION
CLG-01	ARMSTRONG "HEALTHZONE ULTIMA" SQUARE LAY-IN FINE TEXTURE TILES W/ GRID, SYSTEM. COLOR - WHITE (WH).
CLG-02	NEW GYP BRD. SOFFIT. FINISH AS SPECIFIED.
CLG-03	SUSPENDED ACOUSTICAL TILE

	SYM	BOL LEGEN
]		2X2 LED FIXTURE
	0	RECESSED CAN FIXTURE
		LAMINATE CEILING
		HIGH BAY LIGHT FIXTURE
		MONITOR
		SCONCE
		MULTI PENDENT LIGHT
		ACCENT PENDENT LIGHT
	<u></u>	GENERAL LIGHTING FIXTURE

END	CEILING PLAN GENERAL NO
	1. ALL CEILING MOUNTED WIRING WITHIN THE

PAINTED BLACK TO MATCH THE CEILING FINISHES.

- EXISTING TV'S TO BE

NOTES

1. ALL CEILING MOUNTED WIRING WITHIN THE EXPOSED CEILING AREAS OF THE HUB SHALL BE RUN WITHIN A RACEWAY, AND THE RACEWAY AND ALL ASSOCIATED ATTACHEMENTS, ETC. WILL BE 2. ALL CEILING GRIDS TO BE CENTERED IN ROOM, UNLESS NOTED OTHERWISE.

3. SEE EQUIPMENT DRAWINGS AND ELECTRICAL DRAWINGS FOR ADDITIONAL LIGHTING INFORMATION. 4. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL SYMBOLS. 5. REFER TO V102 AND V112 FOR ALL CEILING HEIGHTS, FINISHES AND LIGHTING LOCATIONS. 6. GC IS TO V.I.F. THE HEIGHTS OF DUCTS IN BASEMENT PRIOR TO CEILING INSTALLTION. ANY

CONFLICTS, CONTACT ARCHITECT. 7. SEE MEP DRAWINGS FOR SUPPLY AND RETURN GRILL LOCATIONS

REFLECTED CEILING PLAN NOTE SCHEDULE

1 EXISTING GYP. BD SOFFIT TO REMAIN,. GC TO PATCH AS NEEDED TO LIKE NEW CONDITION. AREA NOT IN SCOPE.

NEW ACT TILE CEILING, SEE V110 FOR ADDITIONAL INFORMATION 4 NEW GYP. BD. SOFFIT CEILING, SEE V110 FOR ADDITIONAL INFORMATION

5 EXISTING SOFFIT TO RECIEVE NEW LIGHT LOCATIONS, REMOVE OLD LIGHTING AND PATCH 6 EXHAUST HOOD. REF. FOODSERVICE DRAWINGS TVS TO BE PROVIDED BY OTHERS. GC TO COORDINATE POWER AND DATA.

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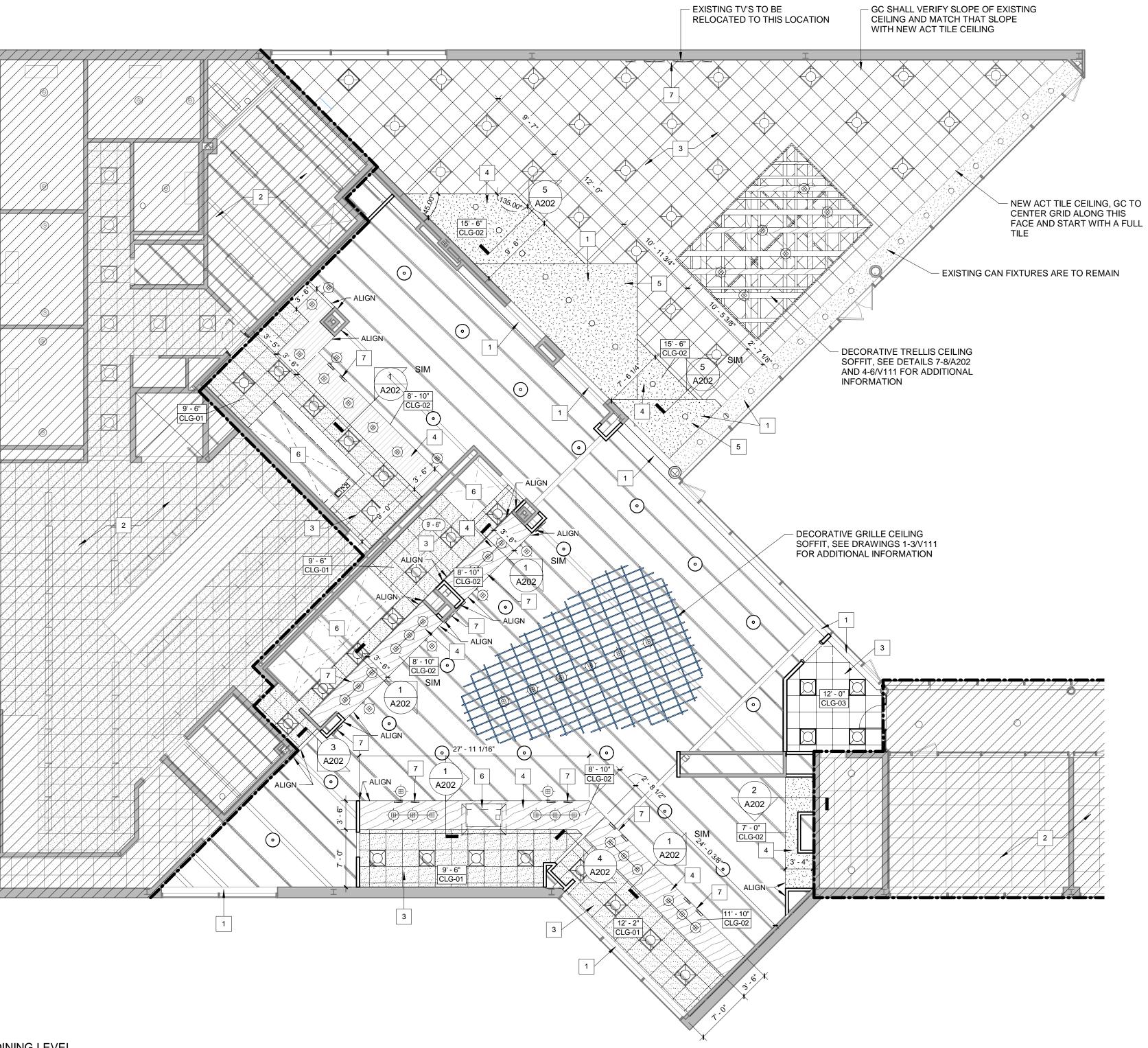
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2 BASEMENT LEVEL 1/8" = 1'-0"

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

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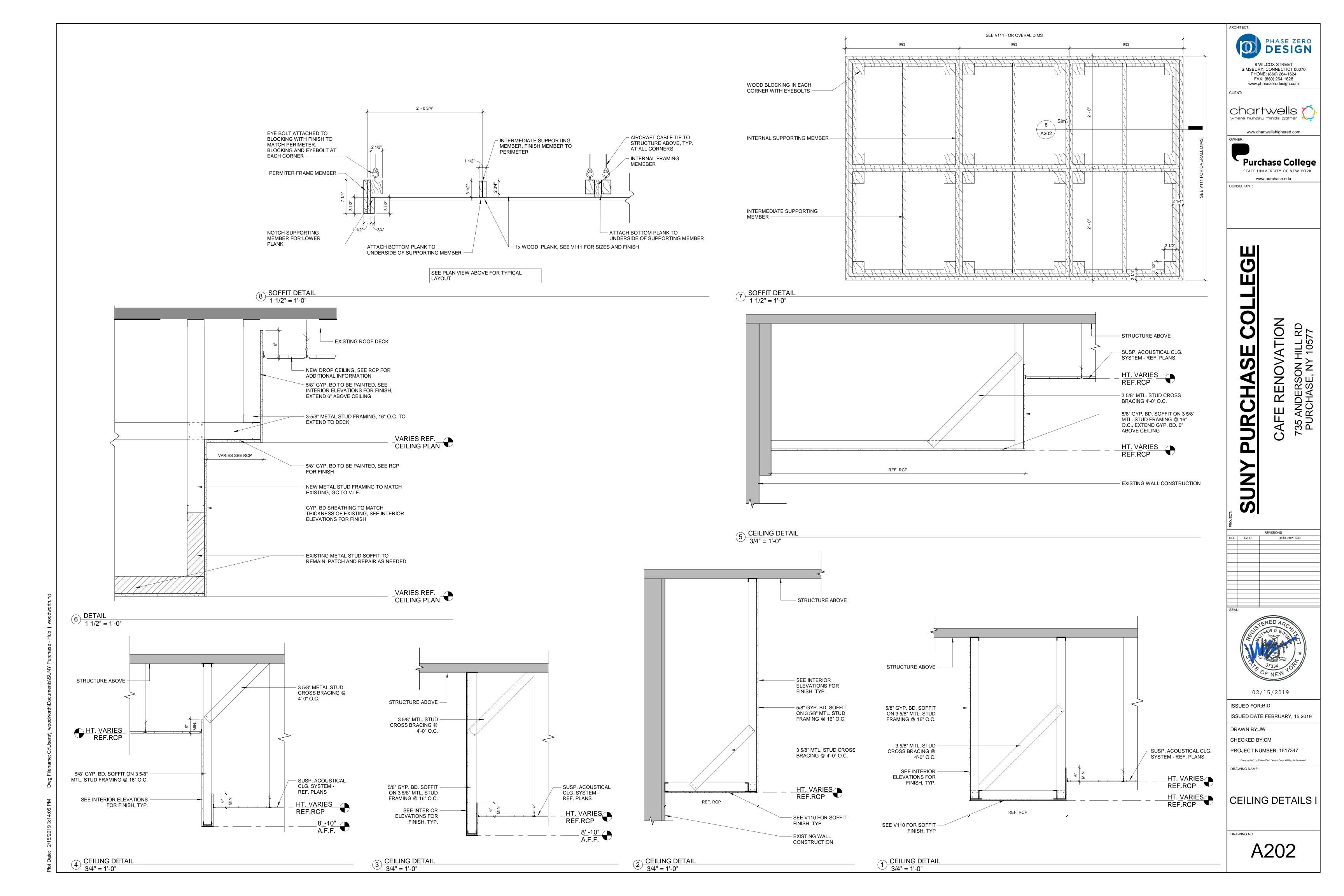
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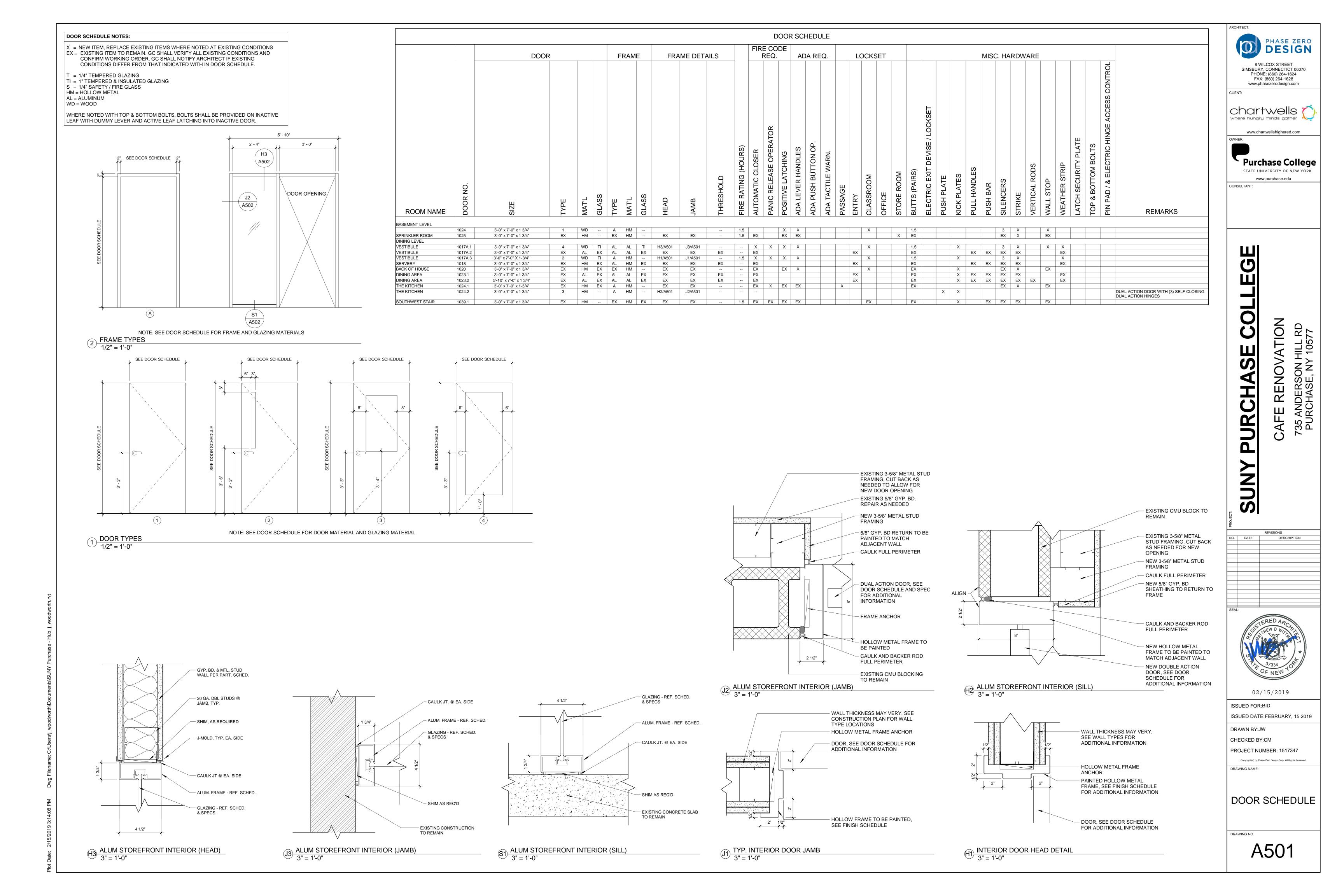
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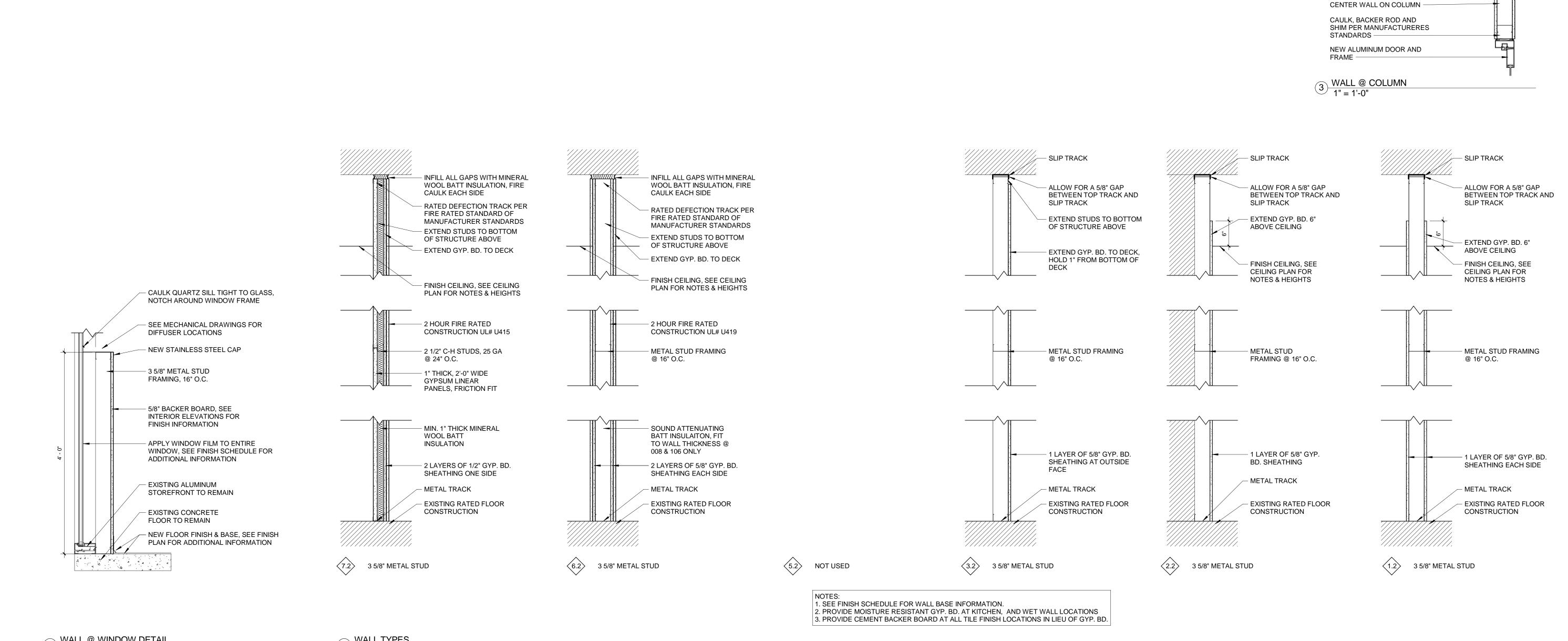
DRAWING NAME:

BASEMENT / FIRST **FLOOR** REFLECTED **CEILING PLAN**

A201









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CONSULTANT:

EXISTING STOREFRONT WINDOW SYSTEM TO REMAIN -

2x FIRE RATED WOOD BLOOCKING WITH .060 ALUM. BREAK METAL EACH SIDE -

EXISTING STRUCTURAL

BE PAINTED —

16" O.C. ——

COLUMN AND ENCLOSURE TO REMAIN, ENCLOSURE TO

3 5/8" METAL STUD FRAMING

CAULK & BACKER ROD EACH

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COLLEGE RENOVATION 35 ANDERSON HILL RD PURCHASE, NY 10577

CAFE DESCRIPTION

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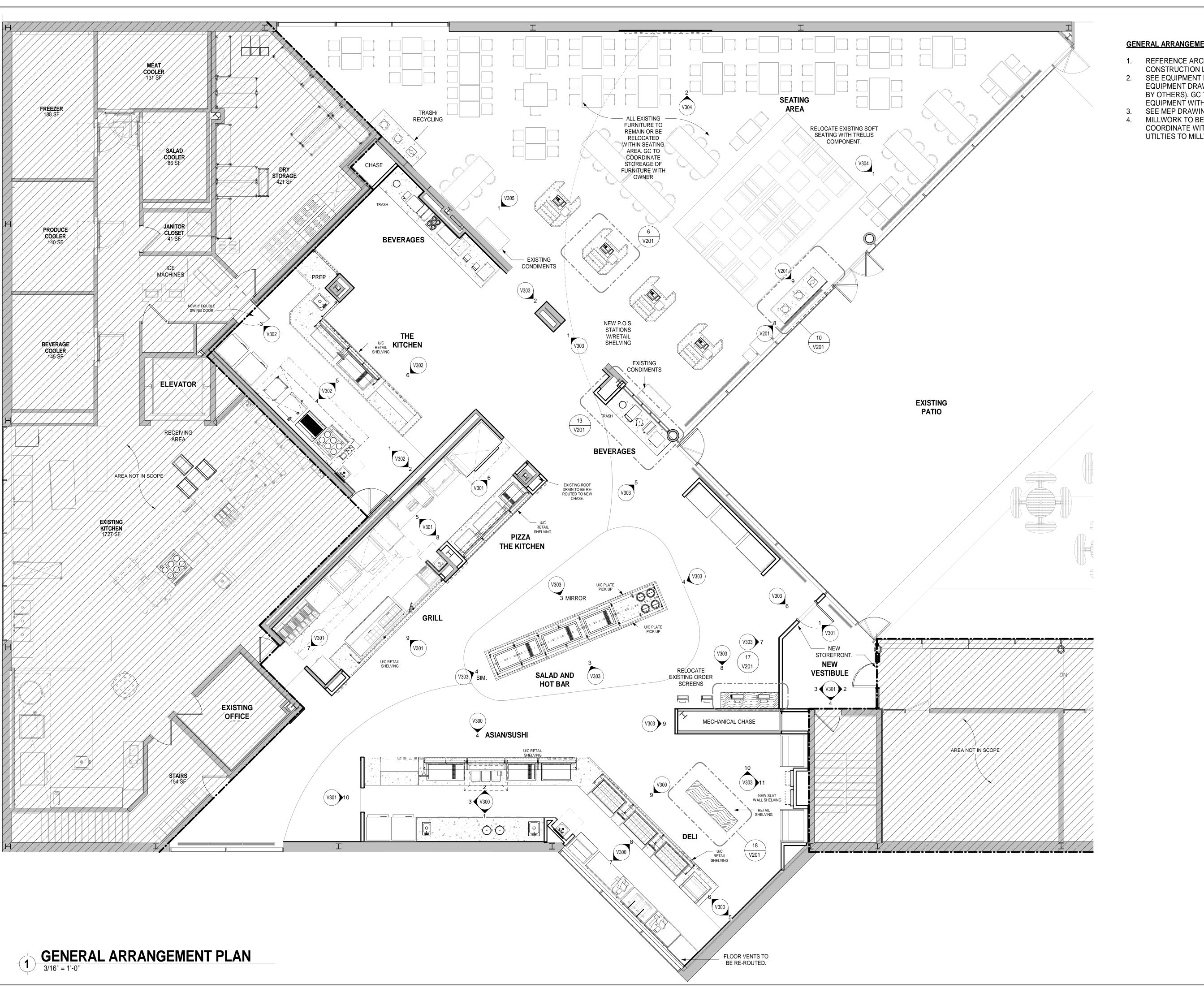
MISCELLANEOUS **DETAILS I**

RAWING NO.

A601

2 WALL @ WINDOW DETAIL 1" = 1'-0"

1" = 1'-0"



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.

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PROJECT NUMBER: CW-0205-4

GENERAL ARANGEMENT PLAN



			MATERIAL LIST			DESIGN
TAG	MODEL	MANUFACTURER SUPPLIER	URL	COMMENTS		DESIGN
CARPET CPT-001	COLLECTION: STREET THREAD / PATTERN: TAPED OFF / COLOR: 149; TO BE INSTALLED IN A QUARTER TURNED PATTERN	MOHAWK GROUP	https://www.mohawkgroup.com/detail/Carpet/7367/127906/Taped -Off-Tile		SIMSBUR PHOI FAX www.pl	VILCOX STREET Y, CONNECTICT 06070 NE: (860) 264-1624 (: (860) 264-1628 nasezerodesign.com
COVE BASE						twells 🏲
CVB-001	#48 GREY WG BASE 6"	JOHNSONITE			where hungr	y minds gather 🍾
FIBER REINF.	DI ASTIC				www.ch	artwellshighered.com
FRP-001	GLASBORD PEBBLES EMBOSSED FINISH 85 WHITE, CLASS A	KEMLITE			OWNER:	
LAMINATE					Purc	hase Colleg
LAM-001	MISSION MAPLE 7990-38	WILSONART			STATE UI	NIVERSITY OF NEW YOR
LAM-002	PALISADES OAK 7987-38	WILSONART				w.purchase.edu
LAM-003	SUNRAY - S4022T	NEVAMAR		FINISH: SUPER MATTE	CONSULTANT:	
LAM-004	SOLID WHITE - S7004	NEVAMAR		FINISH: SUPER MATTE		
LAM-005	CARMEN RED	NEVAMAR		FINISH: GLOSS		
LAM-006	FIJI - SB0300	NEVAMAR		FINISH: SUPER MATTE	VI	SIONBUILDERS
LUXURY VINYI		AMTICO	https://www.comtice.com/com			ve, Suite 100, Charlotte, NC 28203 f 704 405 3106 w VISIONBUILDERSUSA.COM
LVT-001	WILD WALNUT AROW 7620, 6 X 36		https://www.amtico.com/commercial/products/product-search/AA0 W7620/			
LVT-002	WORN OAK ARPW7390, 6 X 36	AMTICO	https://www.amtico.com/commercial/products/product-search/AR0 W7390/			
LVT-003	GLINT ORB AROAGG11, 18 X 18	AMTICO	https://www.amtico.com/commercial/products/product-search/AR0 AGG11/		∣ШІ	
	A 10		A0011/			
METAL 004	CTAIN!! ECO OTES!			40 CALICE 204 #4 EINIOU		
MTL-001 MTL-003	STAINLESS STEEL STAINLESS STEEL			16 GAUGE 304 #4 FINISH	 	
WITE-003	POWDER-COATED BLACK					
PAINT						
PNT-001	GOSSAMER VEIL 9165	SHERWIN WILLIAMS				
PNT-002	STONE LION 7507	SHERWIN WILLIAMS	https://www.sherwin-williams.com/homeowners/color/find-and-explore-colors/paint-colors-by-family/SW6152-superior-bronze#/6152/?s=coordinatingColors&p=PS0			ION RD
PNT-003	BURGUNDY 6300	SHERWIN WILLIAMS	https://www.sherwin-williams.com/homeowners/color/find-and-explore-colors/paint-colors-by-family/SW6300-burgundy#/6300/?s=coordinatingColors&p=PS0			
PNT-004	BOLERO 7600	SHERWIN WILLIAMS	https://www.sherwin-williams.com/homeowners/color/find-and-explore-colors/paint-colors-by-family/SW7600-bolero#/7600/?s=coordinatingColors&p=PS0			< ₹ ₹
PNT-006	BLACK MAGIC 6991	SHERWIN WILLIAMS		APPLIED TO EXPOSED CEILING AND BEAMS.		RENOV DERSON H
QUARTZ						
QTZ-001	CALACATTA NUVO 5131	CAESARSTONE				%
QTZ-002	NOUGAT 6600	CAESARSTONE				= . ·
TILE						FE S AN
TIL-001	ASHEN FLASH: OT04: 6" X 6"	DALTILE	WWW.DALTILE.COM	QUARRY TILE. GROUT: LATICRETE SPECTRA LOCK PRO: JOINT: 3/8" / COLOR: 35 MOCHA: COVE: Q-3565 (5" X 6") INSIDE CORNER: QB-3565 (1" X 5") OUTSIDE CORNER: QCRL-3565 (5" X 6")		CAFE 735 AN
TIL-002A	DESERT GRAY (1) X114,	DALTILE	WWW.DALTILE.COM	GROUT: LATICRETE: 88 SILVER SHADOW		
30 (SEMI-GLOSS, 4 X 12 / INSTALLED IN RUNNING BOND PATTERN				 >	
TIL-002B	DESERT GRAY (1) X114, SEMI-GLOSS, 4 X 12 / INSTALLED STACKED	DALTILE	WWW.DALTILE.COM	GROUT: LATICRETE		
TIL-003	FLORENTINE: CARRARA FL06, 12 X 24	DALTILE	WWW.DALTILE.COM	GROUT: LATICRETE: #03 SILK		
TIL-005	MUTINA TILE: CUBO GRIGIO, 8 X 8	STONE SOURCE	WWW.DALTILE.COM	GROUT: LATICRETE: 88 SILVER SHADOW		
TIL-008	MUTINA TILE: CUBO NERO, 8 X 8	STONE SOURCE	WWW.DALTILE.COM	GROUT: LATICRETE: 88 SILVER SHADOW	PROJECT:	
TIL-009		STONE SOURCE	WWW.DALTILE.COM	GROUT: LATICRETE: 88 SILVER SHADOW	NO. DATE	REVISIONS DESCRIPTION
WOOD						
WD-001	DARK WALNUT WITH CLEAR POLYURETHANE COAT	MILLWORK CONTRACTOR		SAMPLE REQUIRED FOR APPROVAL		
WD-002	MAPLE WITH CLEAR POLYURETHANE COAT	MILLWORK CONTRACTOR		SAMPLE REQUIRED FOR APPROVAL		

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



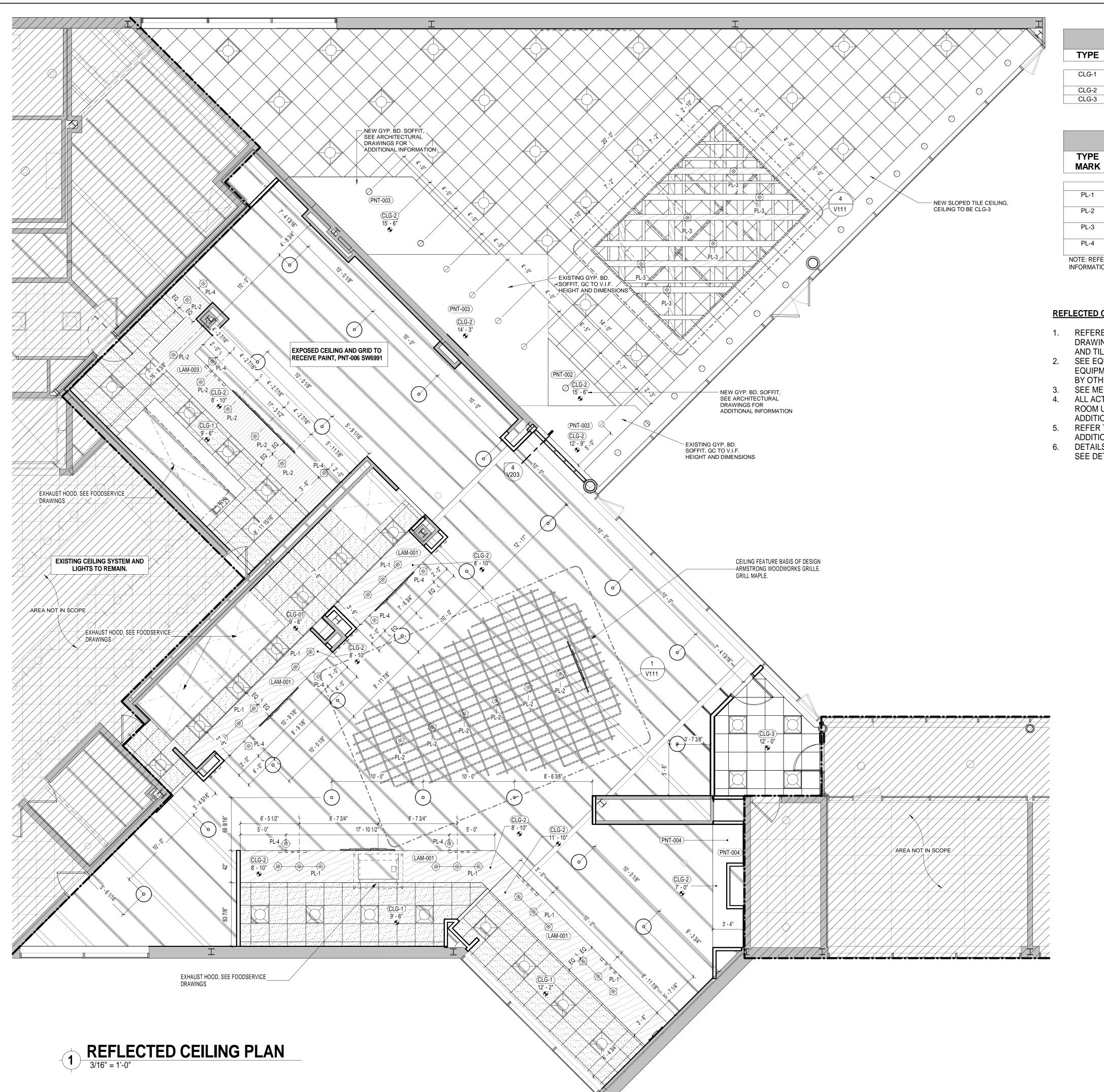
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> FLOOR FINISH PLAN



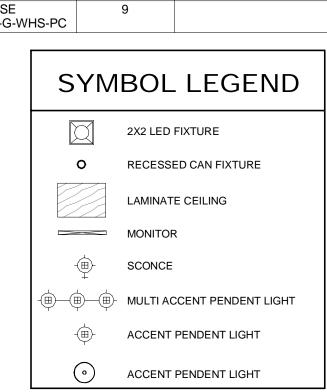
CEILING SCHEDULE TYPE DESCRIPTION ARMSTRONG "HEALTHZONE ULTIMA" SQUARE LAY-IN SMOOTH TEXTURE TILES W/ GRID SYSTEM. COLOR - WHITE (WH). CLG-2 NEW GYP BRD. SOFFIT. FINISH AS SPECIFIED. CLG-3 2x2 ACT CEILING. SEE SPEC.

	LIGHTING FIXTURE SCHEDULE				
TYPE MARK	TYPE	MANUFACTURER	MODEL	COUNT	COMMENTS
		T		00	
				23	
PL-1	PENDANT LIGHT	PABLO STUDIO	PBL-SWELL-STRING-3-MIXED-SUSP - BLACK	7	
PL-2	PENDANT LIGHT	LIGHTYEAR	LTY-CARAVAGGIO-CAR300 - BLACK WITH RED CORD	12	
PL-3	PENDANT LIGHT	TECHLIGHTING	POWELL PENDANT: TD-SO-S-CF, SATIN NICKLE/WHITE INTERIOR	6	PROVIDE SHATTER PROOF BULB
PL-4	GOOSENECK	BARN LIGHT ELECTRIC	THE ORIGINAL WAREHOUSE GOOSENECK LIGHT - BLE-G-WHS-PC	9	

NOTE: REFER TO MEP DRAWINGS & SPEC BOOK FOR ADDITIONAL INFORMATION ABOUT GENERAL LIGHTING

REFLECTED CEILING PLAN - GENERAL NOTES

- REFERENCE ARCHITECTURAL REFLECTED CEILING DRAWINGS FOR CONSTRUCTION LAYOUT OF SOFFITS AND TILE CEILINGS
- 2. SEE EQUIPMENT DRAWINGS FOR ADDITIONAL EQUIPMENT DRAWINGS (EQUIPMENT TO BE PROVIDED BY OTHERS).
- SEE MEP DRAWINGS FOR ADDITIONAL INFORMATION. ALL ACT TILE CEILINGS ARE TO BE CENTERED WITH IN
- ROOM UNLESS OTHER NOTED, SEE A 201 FOR ADDITIONAL INFORMATION.
- 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.





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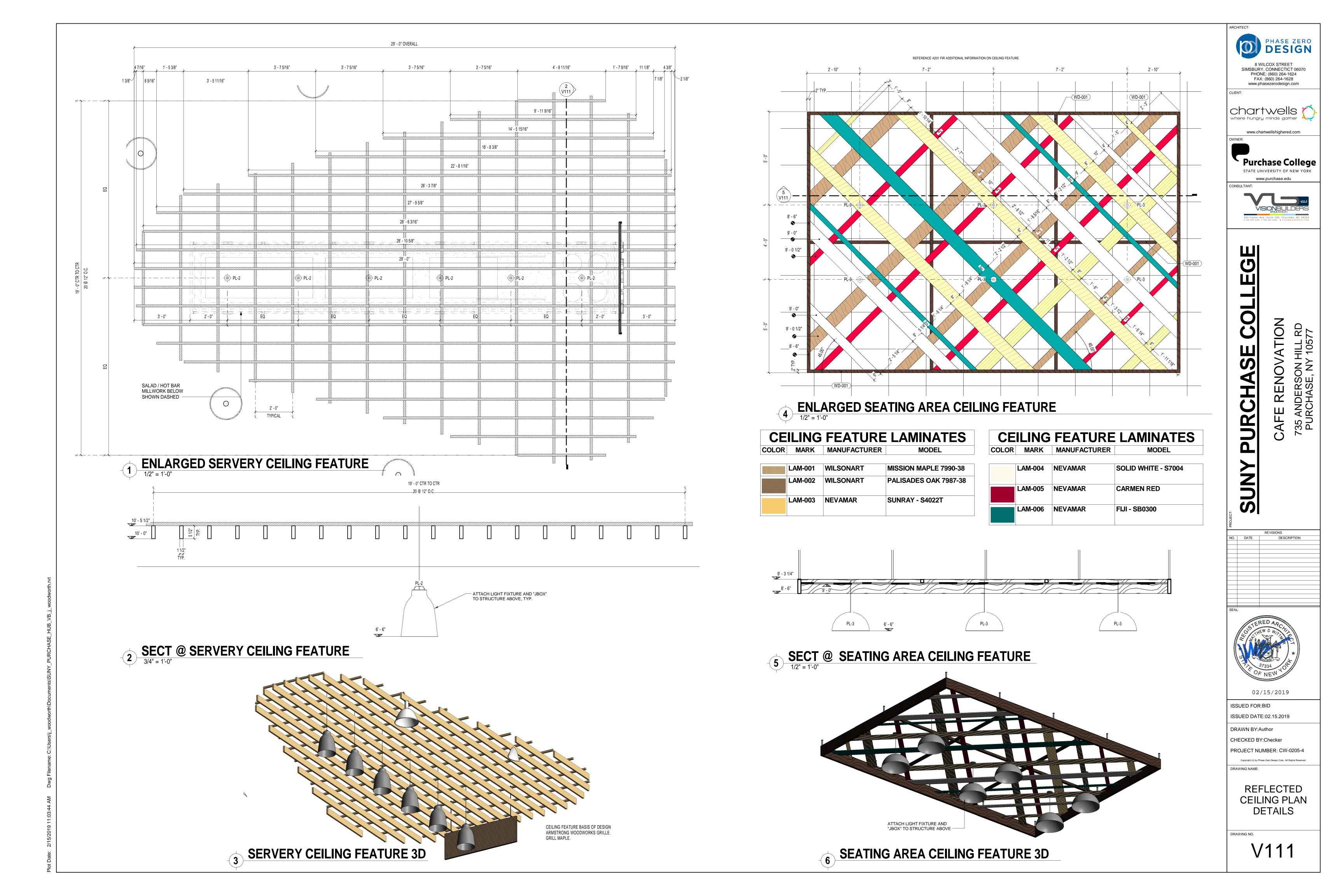
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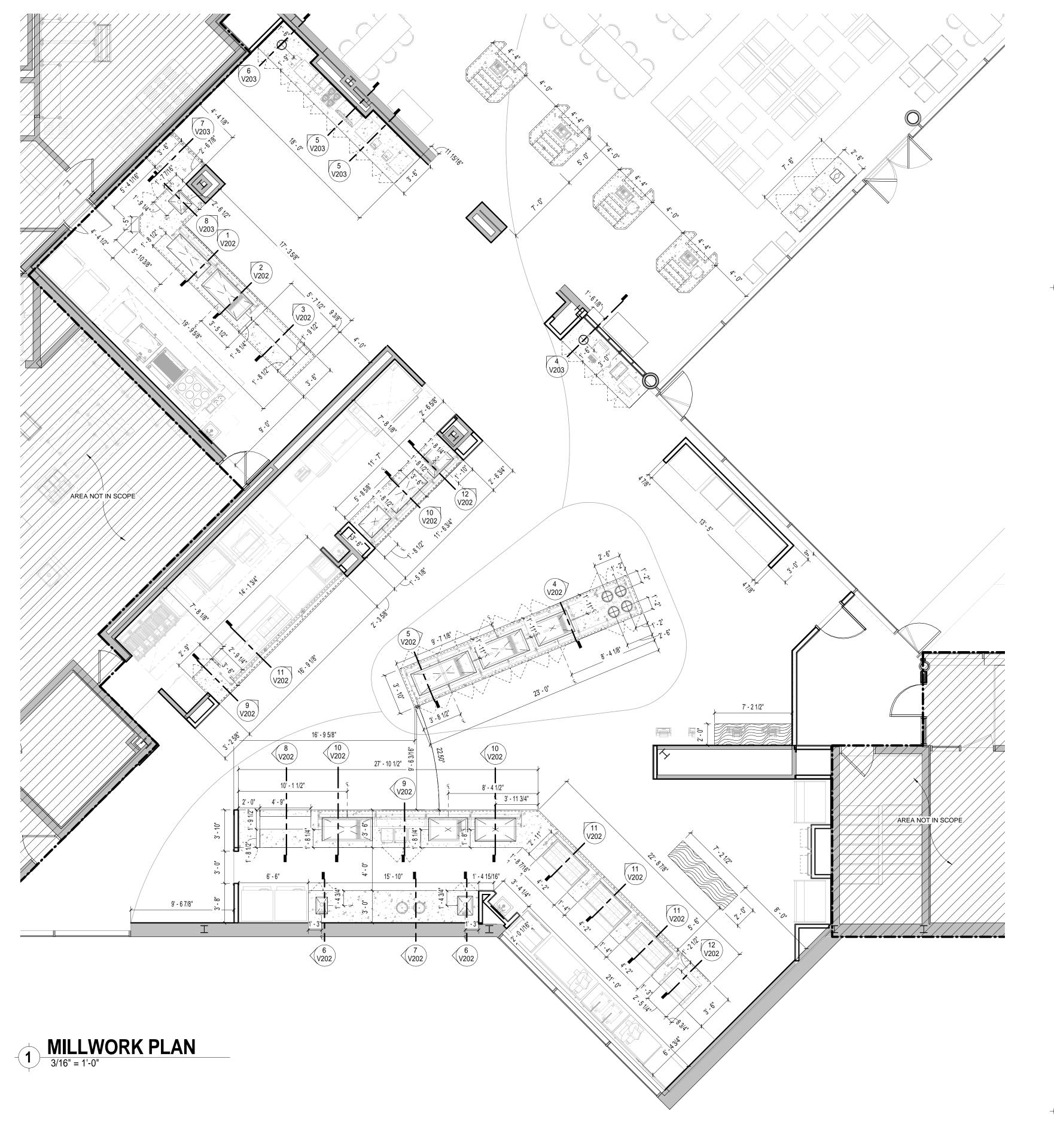
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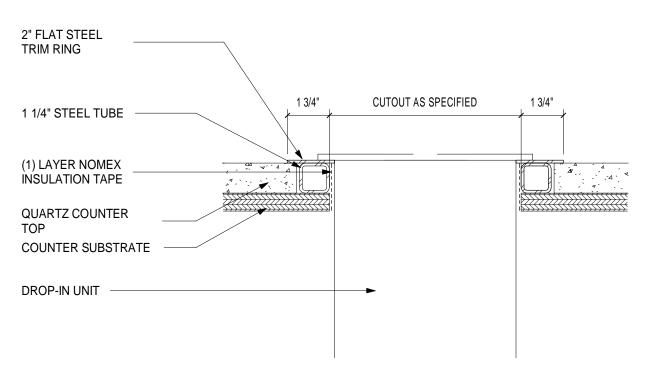
DRAWN BY:Author CHECKED BY:Checker

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> REFLECTED **CEILING PLAN**

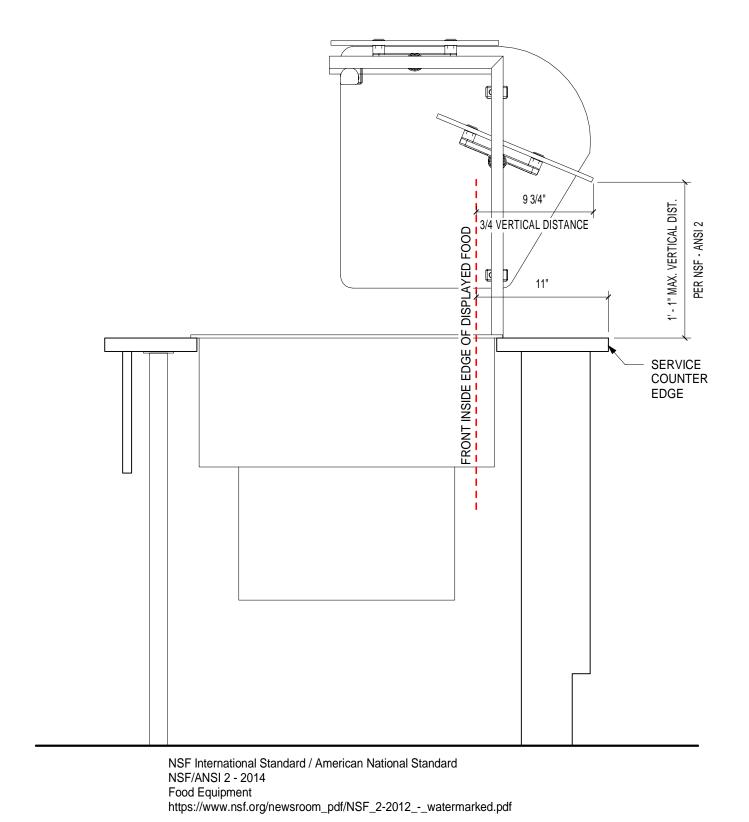






MILLWORK BEAUTY / HEAT RING DETAIL

3" = 1'-0"



SELF SERVE FOOD SHIELD w/ TRAY REST

MILLWORK LEGEND

- REFER TO FINISHES SCHEDULE FOR ALL FINISHES.
- PRIOR TO CONSTRUCTION.

 DRAWINGS TO BE READ IN CONJUNCTION WITH EQUIPMENT SCHEDULE & ASSOCIATED DOCUMENTATION SUBMITTED BY
- VISIONBUILDERS & DESIGN.
- UNLESS OTHERWISE NOTED. ALL INTERIOR KNEEWALL SURFACES AND CABINET INTERIORS TO RECEIVE WHITE PLASTIC LAMINATE FINISH.
- BE ACCEPTED. MILLWORK CONTRACTOR TO ENSURE COUNTER FITS SNUG
- WITH SURROUNDING SITE AND MILLWORK CONDITIONS. IF NECESSARY SCRIBE COUNTER ON SITE.
- UNDERCOUNTER EQUIPMENT CLEARANCES, STEEL FLAT BARS SHALL BE USED TO SUPPORT THE COUNTERTOP AS NEEDED. MILLWORK CONTRACTOR TO ENSURE ALL SPECIFIED/PROVIDED
- MANUFACTURER'S SPECIFICATIONS PRIOR TO FABRICATION. MILLWORK CONTRACTOR TO LIASE WITH KEC TO COORDINATE ADEQUATE MILLWORK REINFORCEMENT TO SUPPORT
- MILLWORK CONTRACTOR TO CLEAN AND SEAL AROUND ALL COUNTERTOP CUTOUTS FOR EQUIPMENT, TRASH DROPS, ETC.
- SUGGESTED PLACEMENT. QUANTITY OF SUPPORT LEGS SHALL BE DETERMINED BY MILLWORK CONTRACTOR AND KEC. MILLWORK CONTRACTOR TO PROVIDE ADEQUATE VENTILATION
- IN COUNTERS FOR REQUIRED EQUIPMENT. CHECK ALL MANUFACTURER'S SPECIFICATIONS PRIOR TO FABRICATION.
- ALL CONSTRUCTION TO BE 3/4" C-3 GRADE PLYWOOD OR APPROVED EQUAL, FINISH AS SPECIFIED.
- SHALL HAVE 1/2" VENTILATION SLOTS ROUTED INTO THE ENTIRE DOOR @ 1 1/2" OC. VENTILATION SLOTS SHALL STOP MIN. 3" ON ALL SIDES. INSIDE OF SLOT TO BE PAINTED BLACK WITH WATERPROOF SEALANT.

- MANUFACTURERS DETAILS AND SPECIFICATION. USE COUNTERTOP MANUFACTURERS RECOMMENDED DIMENSIONS TO PROVIDE ADEQUATE SUPPORT OF THE
- OVERHANG DIMENIONS, OVERHANGS SHOULD NOT EXCEED 1/3 OF THE TOTAL COUNTERTOP DEPTH. USE COUNTERTOP MANUFACTURERS RECOMMENDATIONS FOR INCORPORATING THE NECESSARY EQUIPMENT CUTOUTS IN
- THEIR MATERIAL. CUTOUT SIZES TO BE COORDINATED WITH
- THE MATERIAL.

SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL.

GENERAL NOTES:

- MILLWORK CONTRACTOR TO SITE VERIFY ALL DIMENSIONS
- MILLWORK CONTRACTOR TO SUBMIT SHOP DRAWINGS PRIOR TO CONSTRUCTION / FABRICATION FOR DESIGNER'S APPROVAL
- UNLESS OTHERWISE NOTED, THE UNDERSIDE OF THE COUNTERTOP SUBSTRATE IS TO RECEIVE A WHITE PLASTIC LAMINATE FINISH
- ALL SURFACES TO BE FINISHED. NO EXPOSED SURFACES WILL
- WHERE COUNTERTOP SUBSTRATE INTERFERES WITH
- EQUIPMENT FITS INTO COUNTER AS NOTED. CHECK ALL
- SPECIFIED/PROVIDED EQUIPMENT AT FULL CAPACITY.
- ANY SUPPORT LEGS INDICATED ON THE DRAWINGS ARE

- UNLESS OTHERWISE DETAILED, LOUVERED MILLWORK DOORS
- CUSTOMER SIDE OF ALL SERVING COUNTERS SHALL NOT EXCEED 34" ABOVE FINISHED FLOOR

COUNTER TOPS
ALL COUNTERTOP MATERIALS TO BE INSTALLED PER

- USE COUNTERTOP MANUFACTURES RECOMMENDATIONS FOR
- EQUIPMENT SHOULD BE THERMALLY ISOLATED FROM THE COUNTERTOP MATERIAL TO AVOID HEAT/COLD TRANSFER TO

MILLWORK SECTIONS ARE SHOWN AS A GENERAL REPRESENTATION OF PROFILE AND MATERIAL PLACEMENT. MILLWORK SECTIONS ARE NOT TO BE CONSTRUED AS A MEANS AND METHODS FOR CONSTRUCTION/FABRICATION.

MILLWORK CUTOUTS INDICATED ARE BASED ON EQUIPMENT SPECIFICED IN VISIONBUILDERS & DESIGN DOCUMENTS.

ANY SUBSTITUTIONS OR ALTERATIONS TO SPECIFIED EQUIPMENT RENDERS CUTOUT INFORMATION NULL AND

ALL OUTSIDE CORNERS OF MILLWORK TO RECEIVE A 3/4" X 3/4" STAINLESS STEEL CORNER GUARD

DESIGN 8 WILCOX STREET

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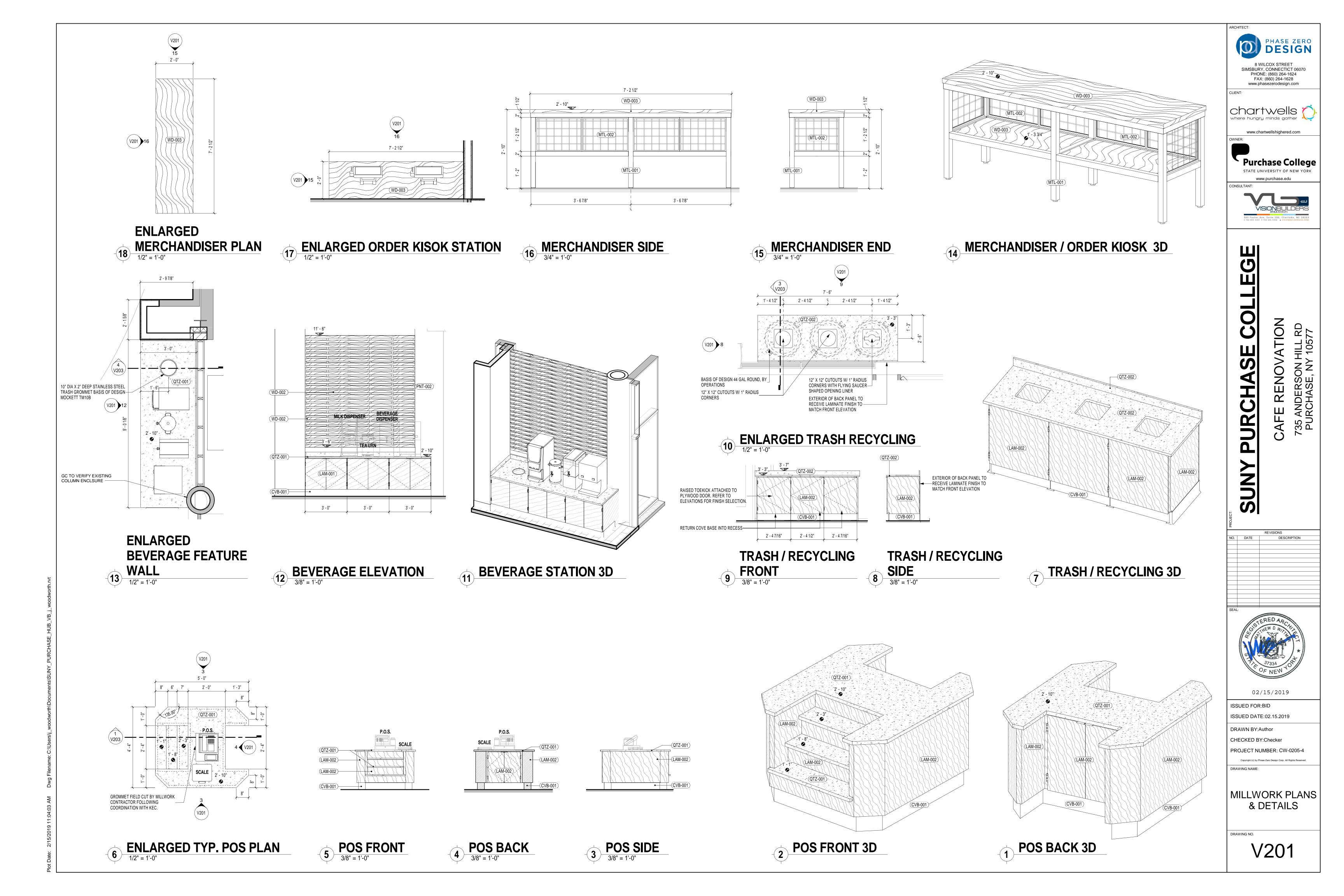
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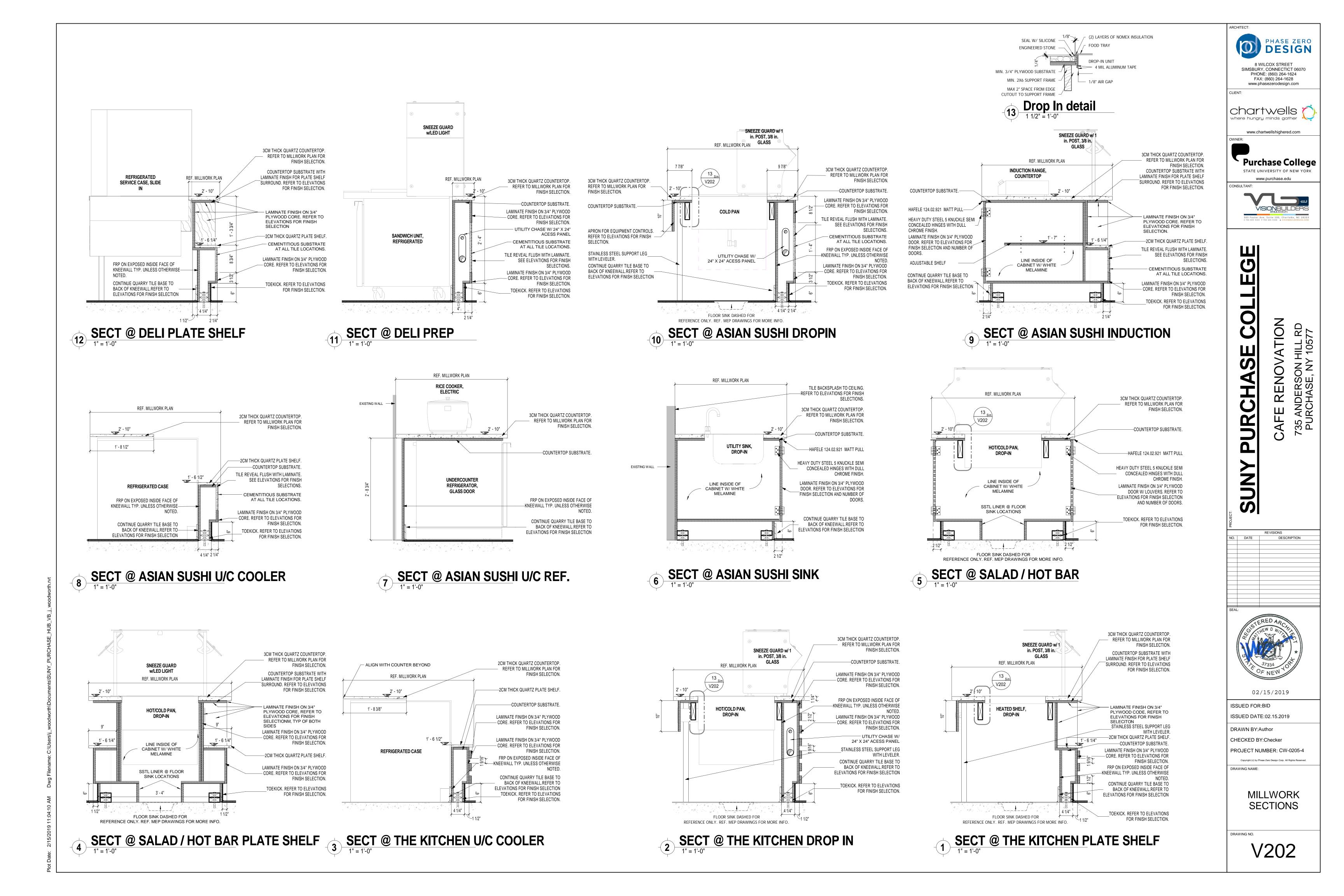
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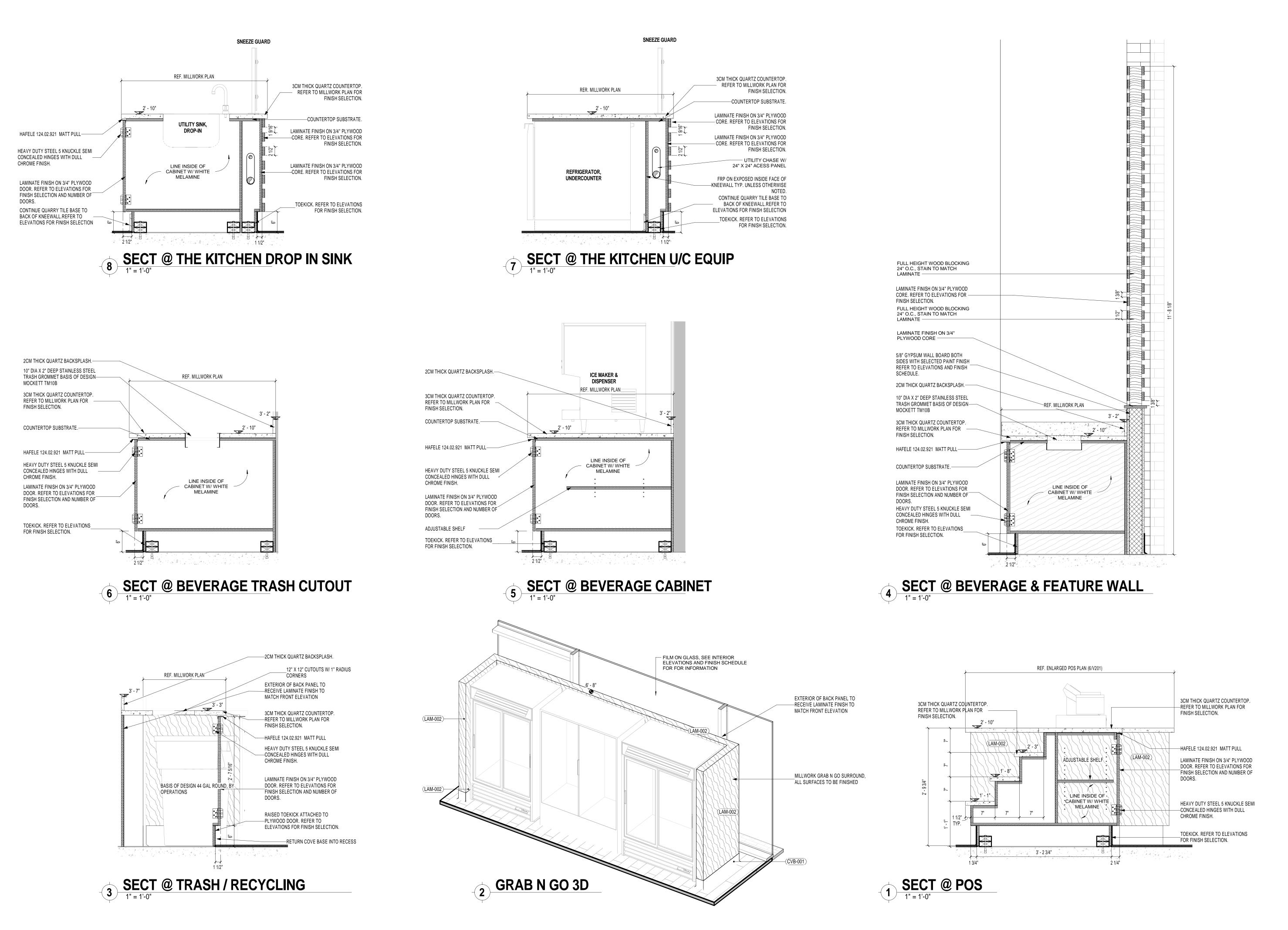
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MILLWORK PLAN

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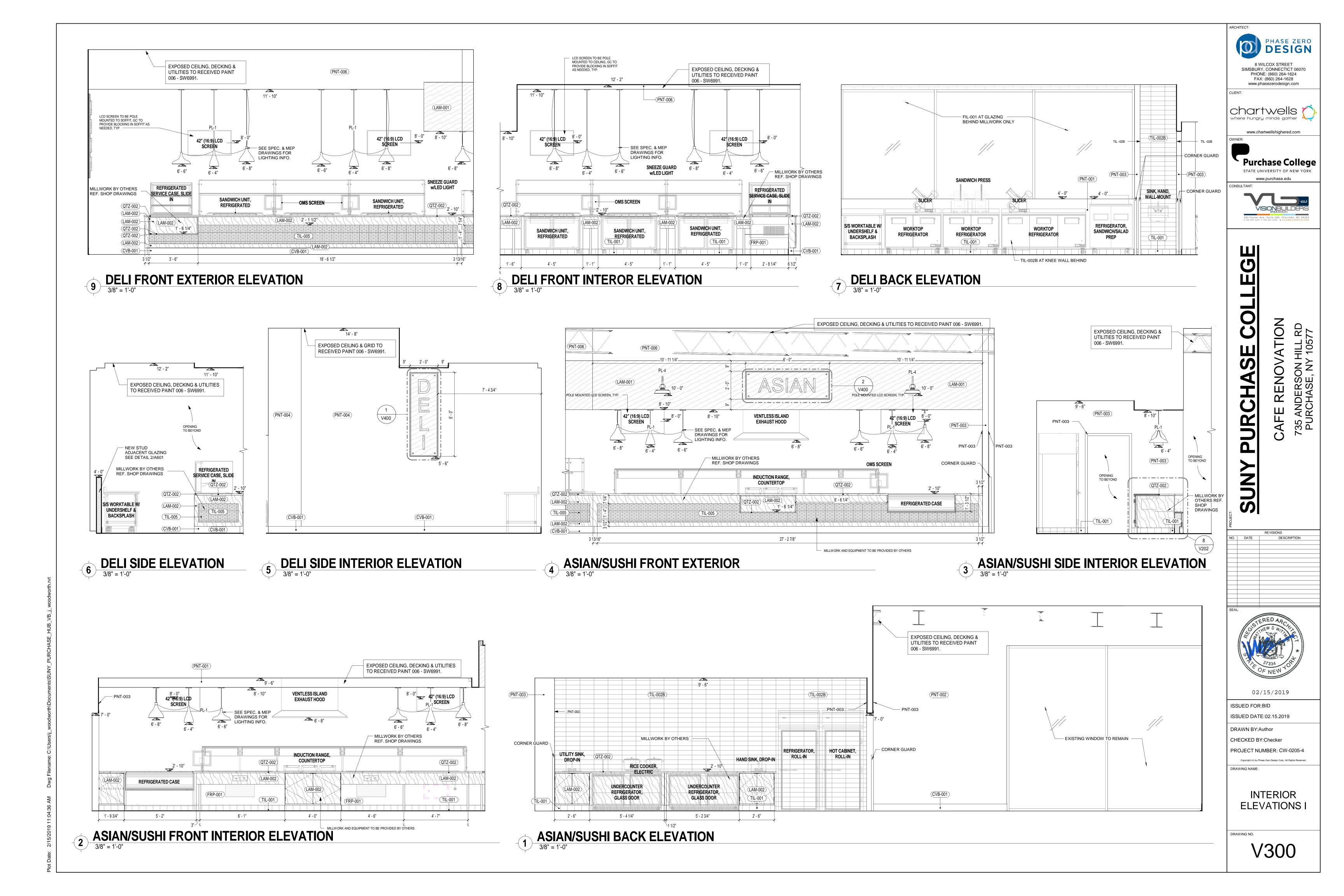
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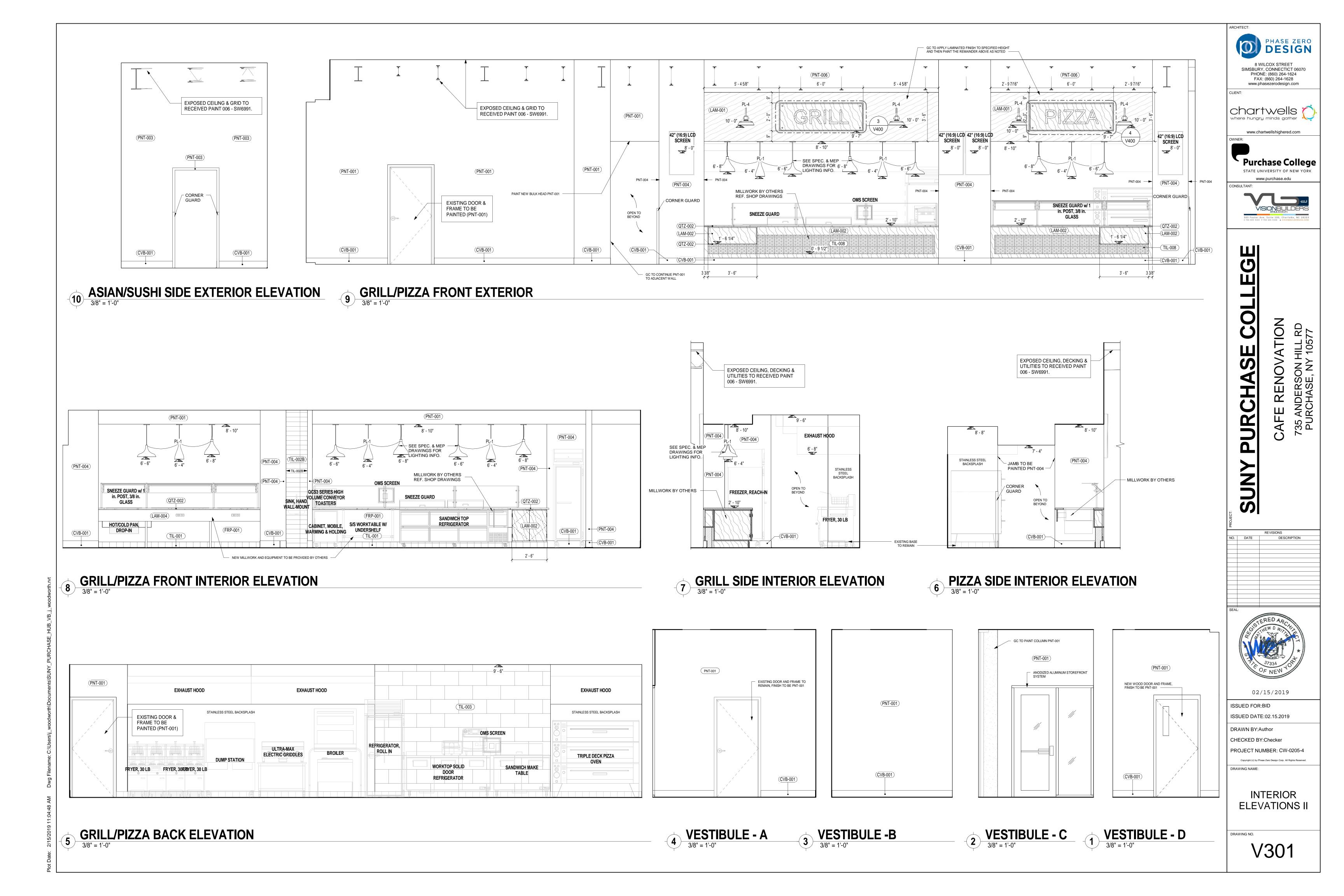
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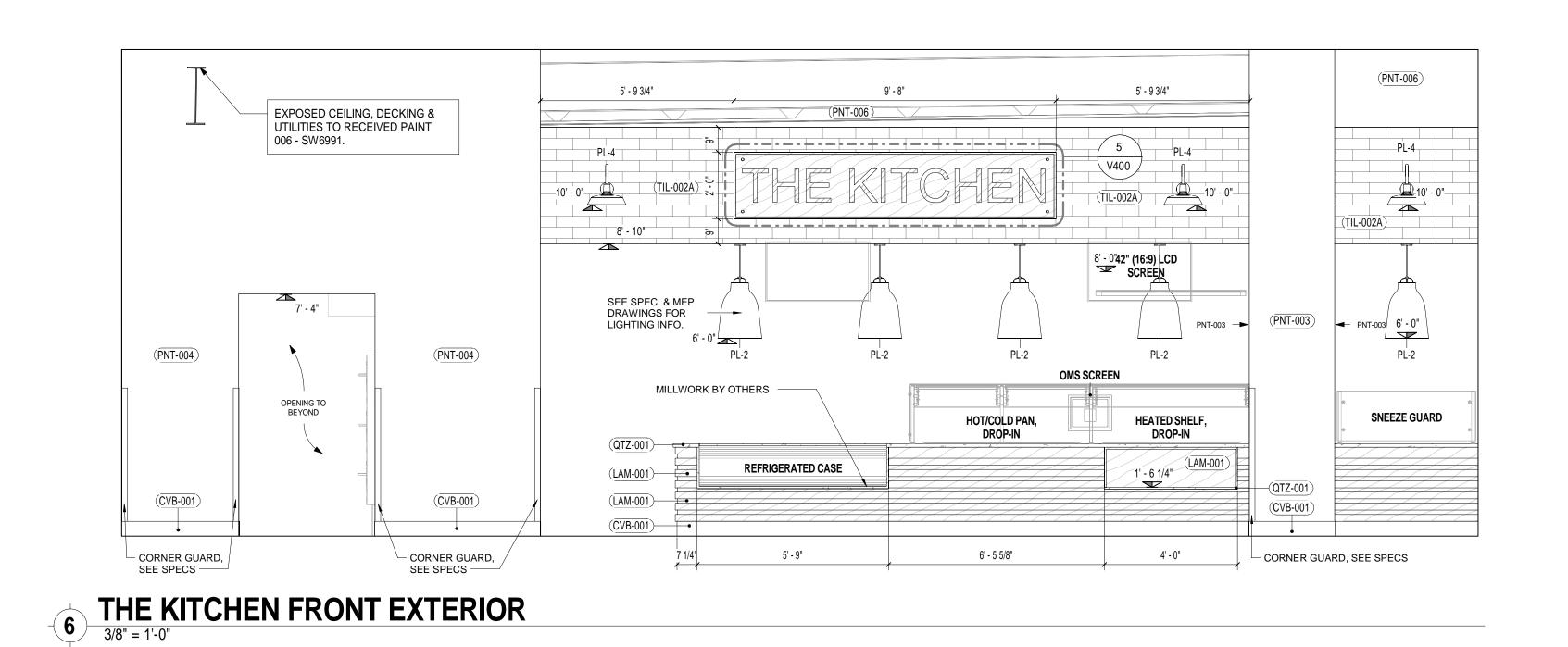
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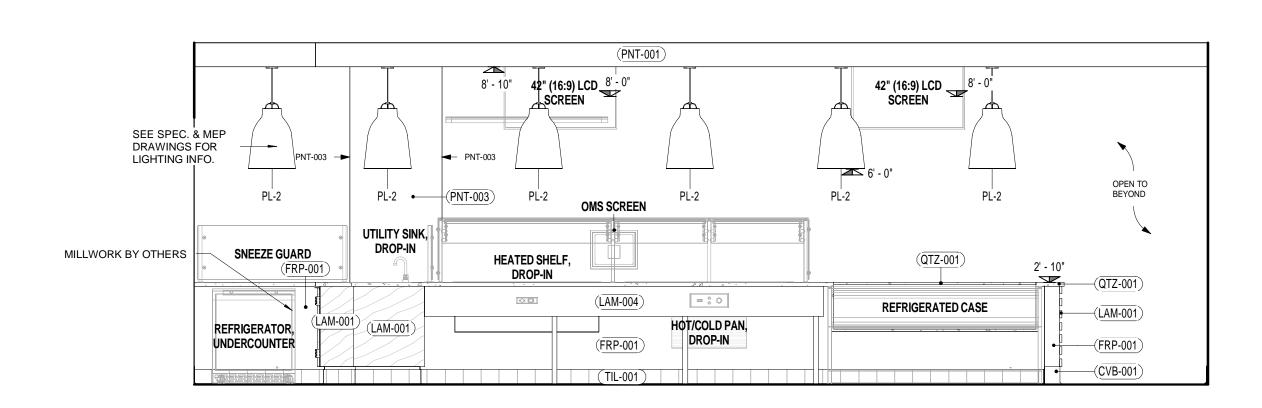
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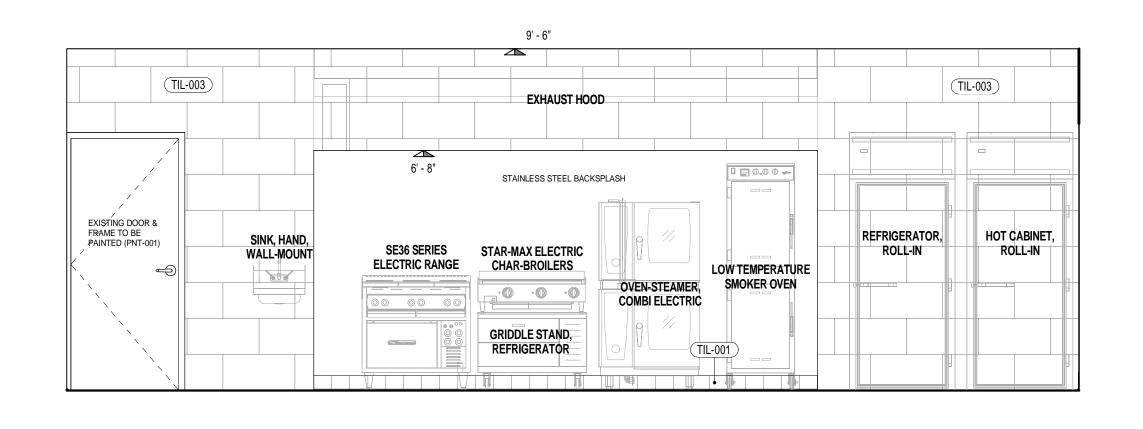
> **MILLWORK SECTIONS**









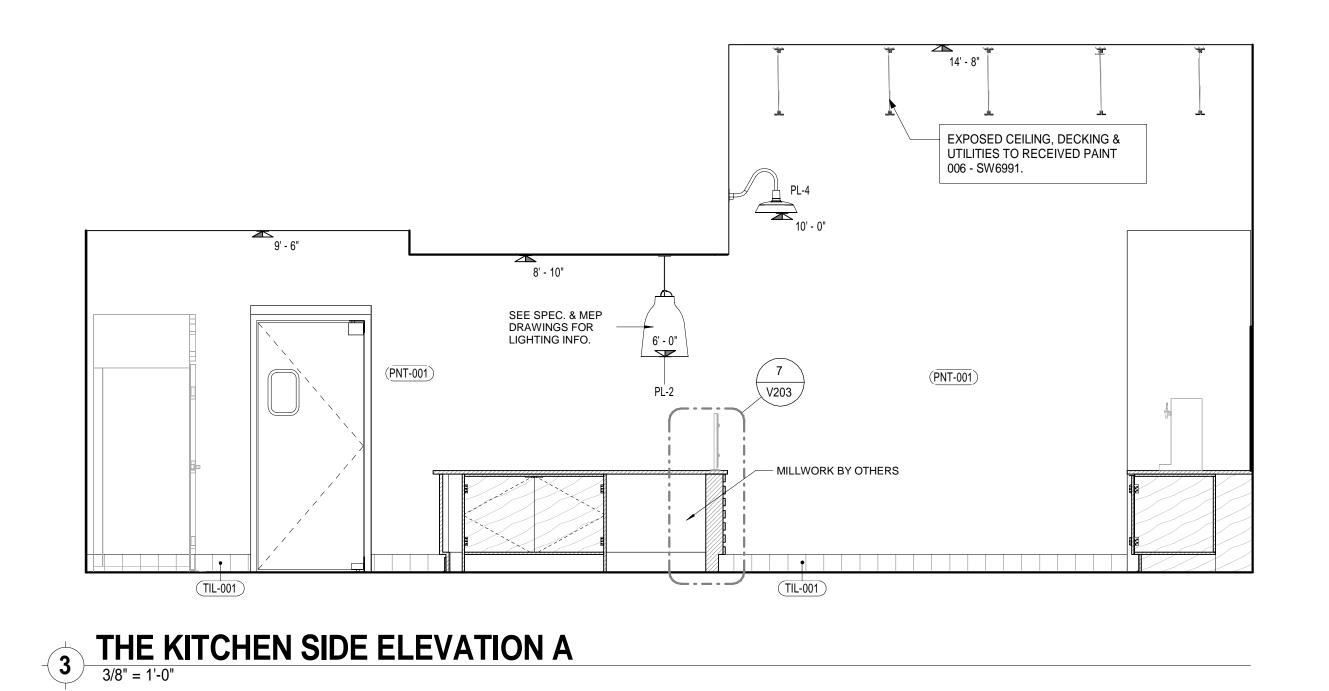


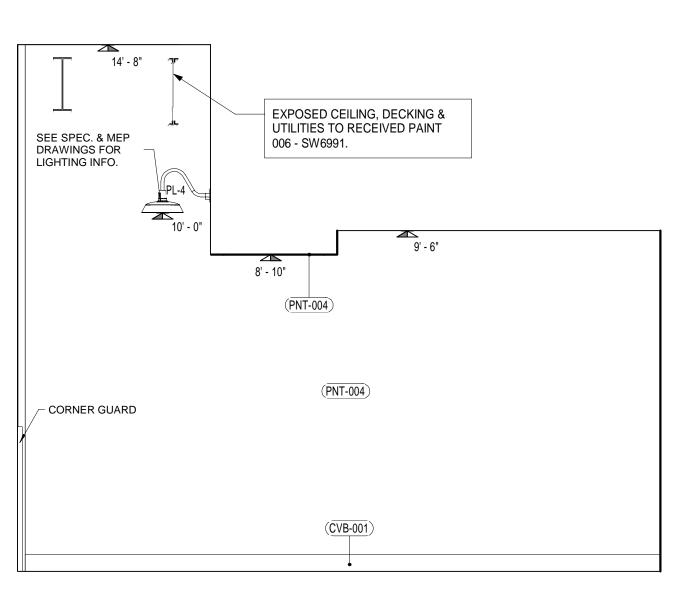
EXHAUST HOOD

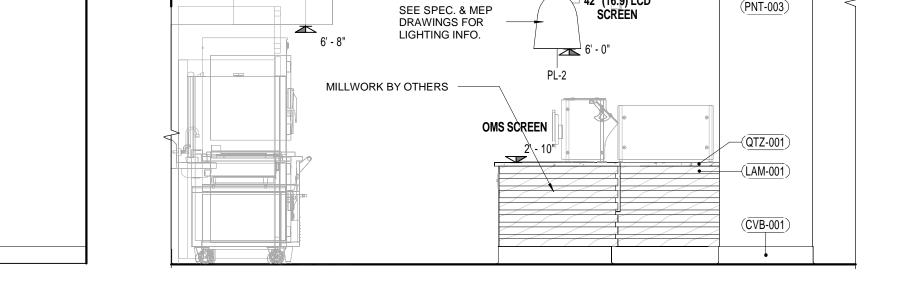
THE KITCHEN FRONT INTERIOR ELEVATION

3/8" = 1'-0"









EXPOSED CEILING, DECKING & UTILITIES TO RECEIVED PAINT

(TIL-002A)

(PNT-003)

→ 42" (16:9) LCD

THE KITCHEN SIDE ELEVATION B

3/8" = 1'-0"

THE KITCHEN END ELEVATION

3/8" = 1'-0"



SE COLLEGE CAFE RENOVATION REVISIONS

DESCRIPTION

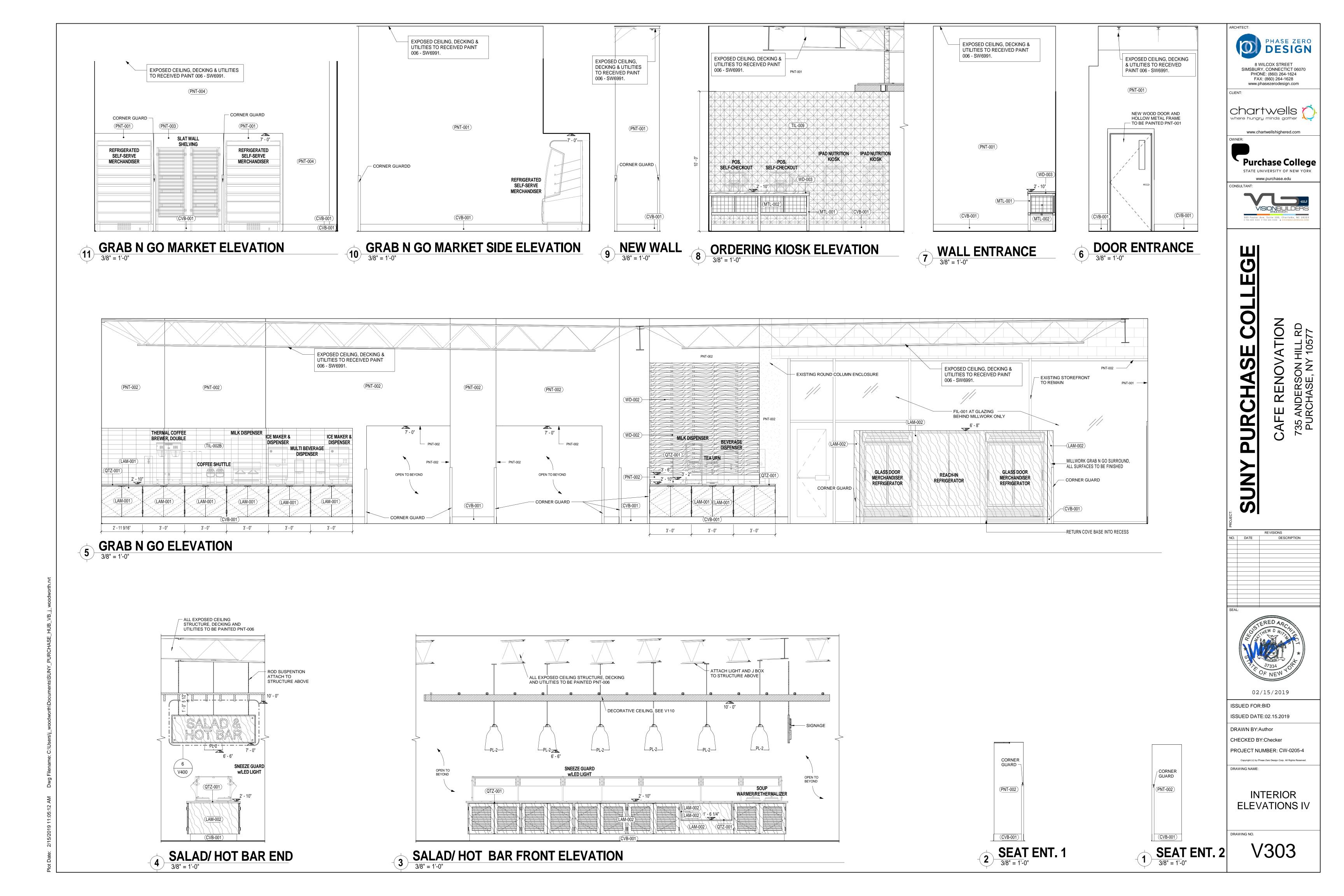


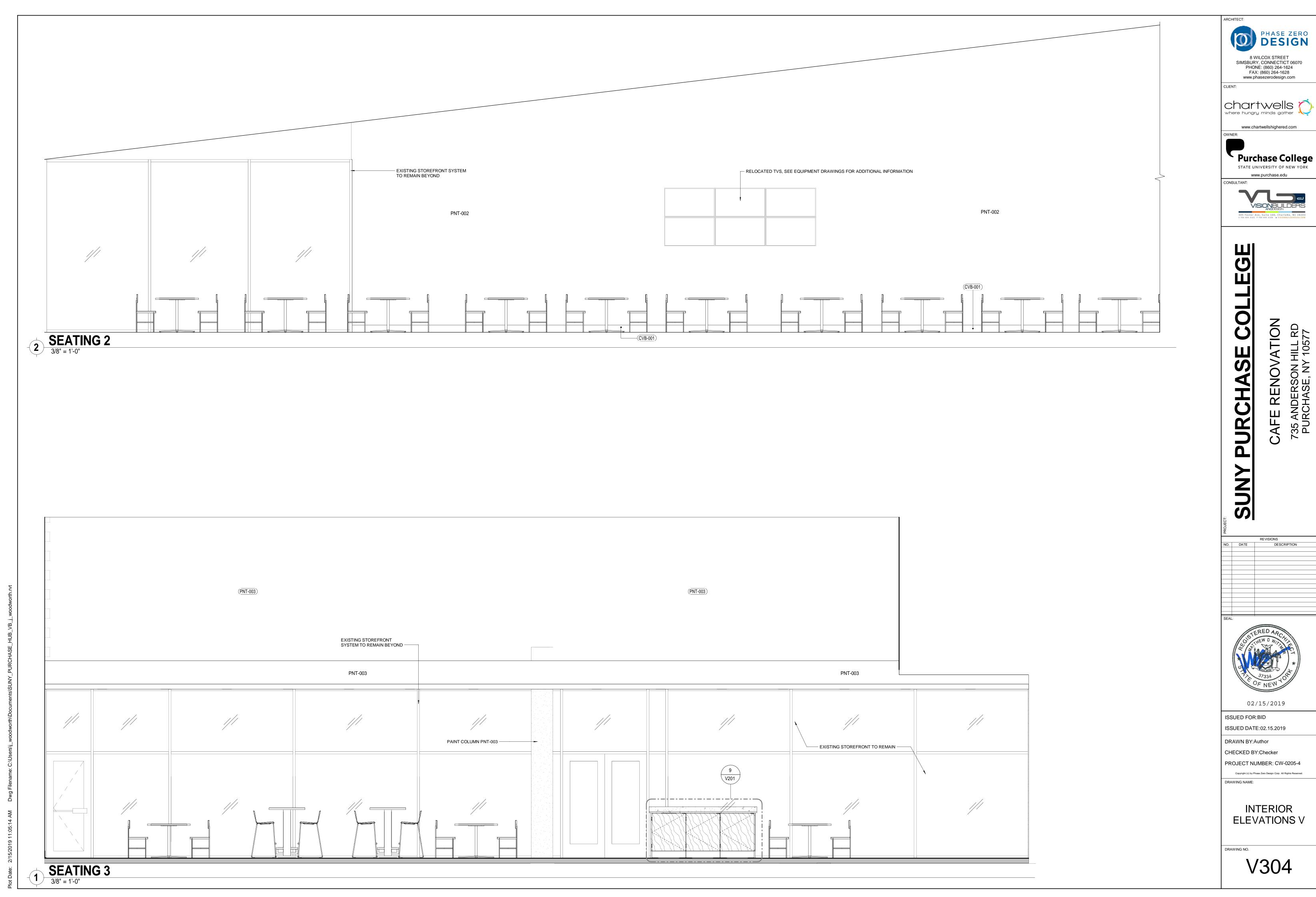
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RAWING NAME:

INTERIOR **ELEVATIONS III**





SEATING 13/8" = 1'-0"



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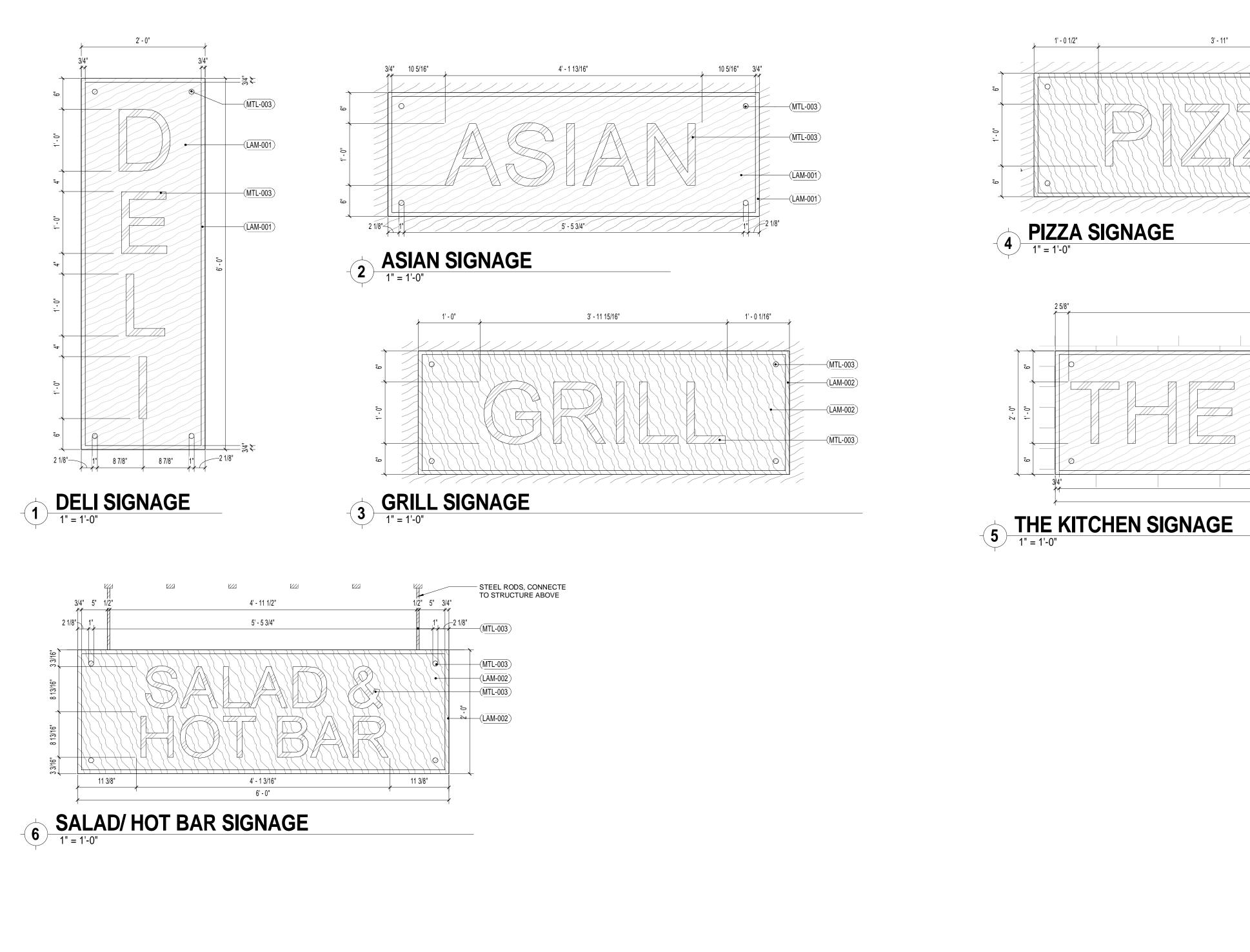
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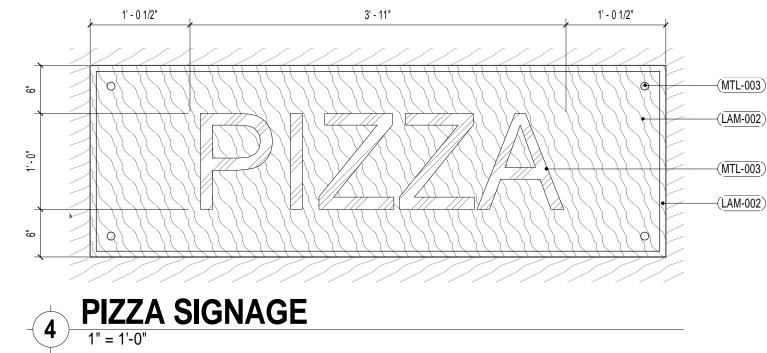
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INTERIOR **ELEVATIONS VI**

DRAWING NO.

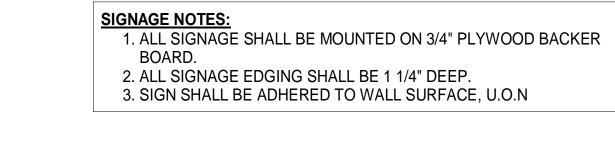




9' - 2 3/4"

9' - 6 1/2"

9' - 8"



—(<u>LAM-001</u>)



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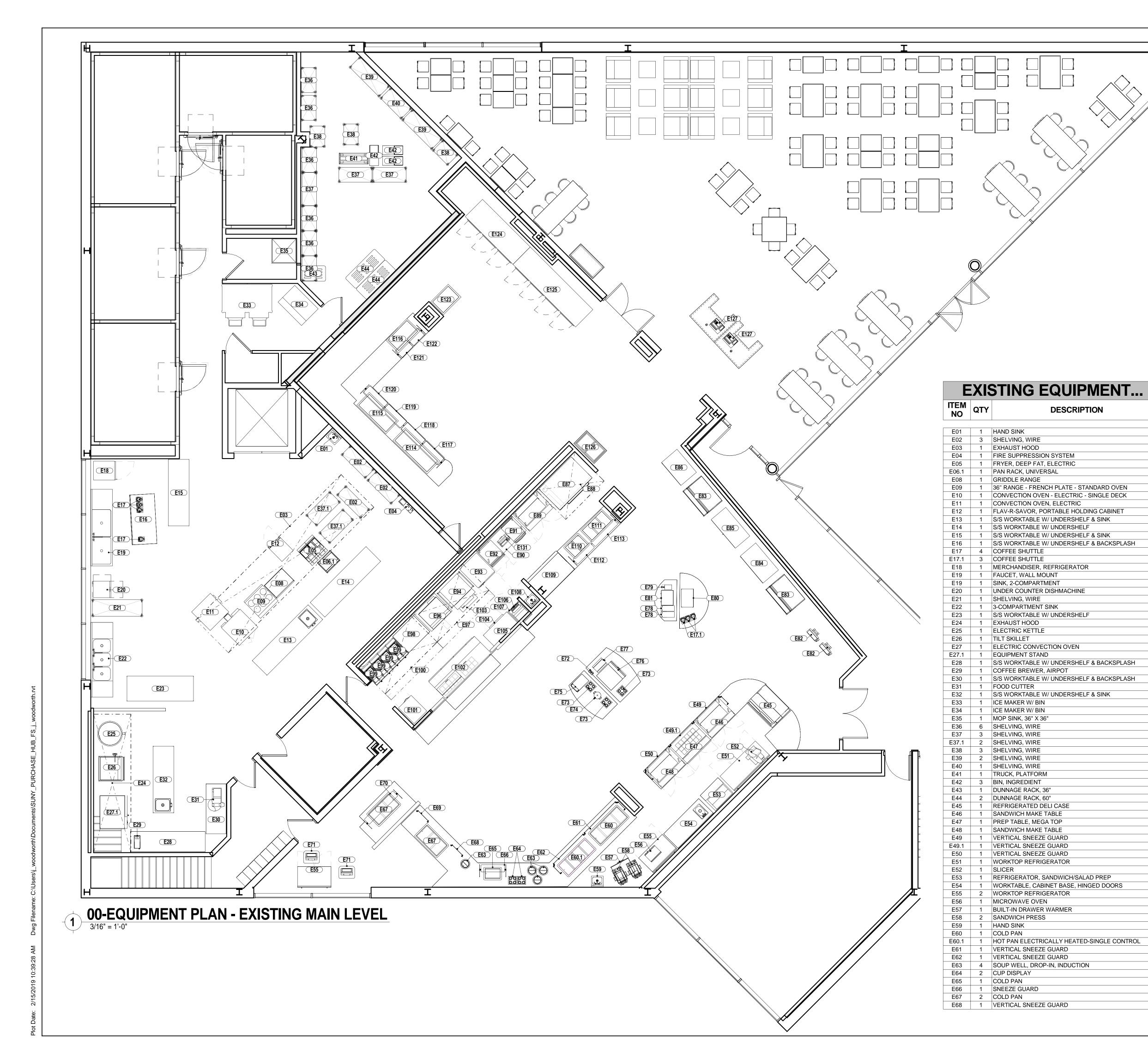
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DRAWN BY:Author CHECKED BY:Checker

PROJECT NUMBER: CW-0205-4 RAWING NAME:

SIGNAGE DETAILS

V400



EXISTING EQUIPMENT...

DESCRIPTION

ITEM QTY **DESCRIPTION** VERTICAL SNEEZE GUARD 1 SNEEZE GUARD IPAD NUTRITION KIOSK WATER FILTER SYSTEM CUP DISPLAY 1 TEA URN MILK DISPENSER PEPSI SODA DISPENSER BEVERAGE DISPENSER COFFEE GRINDER HOT WATER DISPENSER MILK DISPENSER THERMAL COFFEE BREWER, DOUBLE POS, SELF-CHECKOUT AIRSCREEN GLASS DOOR MERCHANDISER REFRIGERATOR REACH-IN REFRIGERATOR GLASS DOOR MERCHANDISER REFRIGERATOR DECK OVEN, PIZZA, ELECTRIC 1 EXHAUST HOOD E88 E89 SANDWICH MAKE TABLE WORKTOP SOLID DOOR REFRIGERATOR E91 CONVECTION OVEN, ELECTRIC, COUNTERTOP 1 REFRIGERATOR, ROLL IN E94 1 BROILER 1 EQUIPMENT STAND E95 1 ULTRA-MAX ELECTRIC GRIDDLES 1 EXHAUST HOOD E98 1 DUMP STATION 4 FRYER, 30 LB E100 1 EXHAUST HOOD E101 FREEZER, REACH-IN SANDWICH TOP REFRIGERATOR E103 ICE CREAM STORAGE CABINET E104 1 UNDERCOUNTER REFRIGERATOR 1 S/S WORKTABLE W/ UNDERSHELF QCS3 SERIES HIGH VOLUME CONVEYOR TOASTERS 1 CABINET, MOBILE, WARMING & HOLDING E107 1 SINK, HAND, WALL-MOUNT E108 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 E118 1 SNEEZE GUARD E119 1 SNEEZE GUARD E120 1 SNEEZE GUARD E121 1 SNEEZE GUARD E122 1 SNEEZE GUARD E123 1 HOT COUNTER 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

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RENOVATION

DESCRIPTION



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FOODSERVICE EXISTING EQUIPMENT

LAYOUT





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FOODSERVICE DEMO LAYOUT

TP			NT SCHEDULE - DEMO					
TEM NO	QTY	DESCRIPTION	EQUIPMENT REMARKS					
E06.1	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	BIN, INGREDIENT	EXISTING TO BE DEMOLISHED					
E45	1	REFRIGERATED DELI CASE	EXISTING TO BE DEMOLISHED					
E46	1	SANDWICH MAKE TABLE	EXISTING TO BE DEMOLISHED					
E47	1	PREP TABLE, MEGA TOP	EXISTING TO BE DEMOLISHED					
E48	1	SANDWICH MAKE TABLE	EXISTING TO BE DEMOLISHED					
E49	1	VERTICAL SNEEZE GUARD	EXISTING TO BE DEMOLISHED					
E49.1	1	VERTICAL SNEEZE GUARD	EXISTING TO BE DEMOLISHED					
E50	1	VERTICAL SNEEZE GUARD	EXISTING TO BE DEMOLISHED					
E54	1	WORKTABLE, CABINET BASE, HINGED DOORS	EXISTING TO BE DEMOLISHED					
E56	1	MICROWAVE OVEN	EXISTING TO BE DEMOLISHED					
E57	1	BUILT-IN DRAWER WARMER	EXISTING TO BE DEMOLISHED					
E58	2	SANDWICH PRESS	EXISTING TO BE DEMOLISHED					
E59	1	HAND SINK	EXISTING TO BE DEMOLISHED					
E60	1	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					
E102	1	SANDWICH TOP REFRIGERATOR	EXISTING TO BE DEMOLISHED					
E104	1	UNDERCOUNTER REFRIGERATOR	EXISTING TO BE DEMOLISHED					
E109	1	REFRIGERATED DELI CASE	EXISTING TO BE DEMOLISHED					
E110	1	DROPIN HOT WELL	EXISTING TO BE DEMOLISHED					
E111	1	DROPIN HOT WELL	EXISTING TO BE DEMOLISHED					
E112	1	SNEEZE GUARD	EXISTING TO BE DEMOLISHED					
E113	1	SNEEZE GUARD	EXISTING TO BE DEMOLISHED					
E117	1	SNEEZE GUARD	EXISTING TO BE DEMOLISHED					
E118	1	SNEEZE GUARD	EXISTING TO BE DEMOLISHED					
E119	1	SNEEZE GUARD	EXISTING TO BE DEMOLISHED					
E120	1	SNEEZE GUARD	EXISTING TO BE DEMOLISHED					
E121	1	SNEEZE GUARD	EXISTING TO BE DEMOLISHED					
E122	1	SNEEZE GUARD	EXISTING TO BE DEMOLISHED					
E123	1	HOT COUNTER	EXISTING TO BE DEMOLISHED					
E124	1	BOTTLE BEVERAGE COOLER	EXISTING TO BE DEMOLISHED					
E125	1	BOTTLE BEVERAGE COOLER	EXISTING TO BE DEMOLISHED					
			EXISTING TO BE DEMOLISHED					

F	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 EQUIPMENT IN ACCORDANCE WITH ITEM SPECIFICATIONS.
- ALL EQUIPMENT, SUCH AS DROP-IN UNITS AND SNEEZE GUARDS, 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 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



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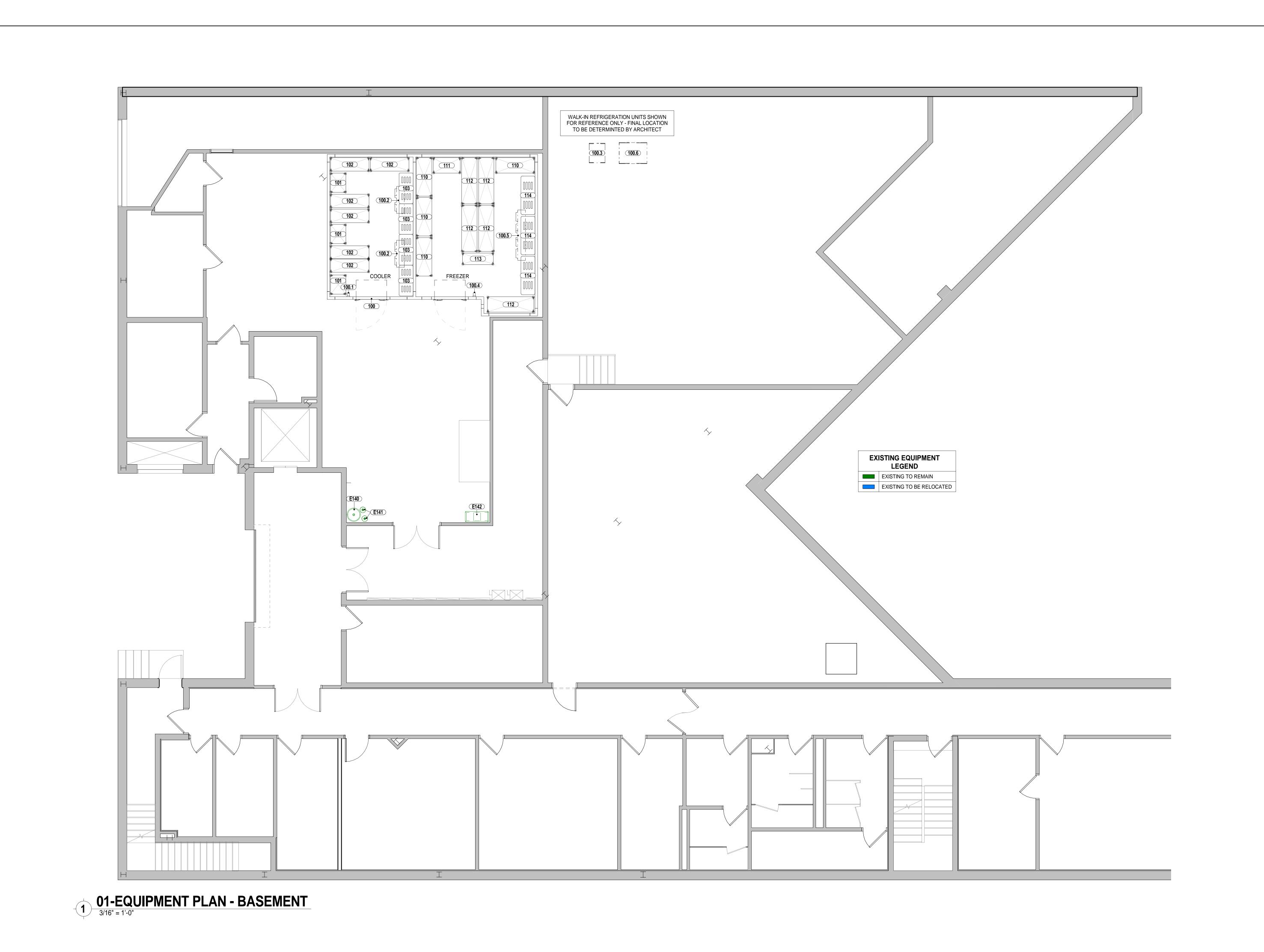
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PROJECT NUMBER: CW-0205.4.2 RAWING NAME:

FOODSERVICE DEMO SCHEDULE



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PROJECT NUMBER: CW-0205.4.2

FOODSERVICE **EQUIPMENT** LAYOUT -**BASEMENT**

		FOODSERVI	CE EQUIPME	NT SCHE	DULE - NEW
ITEM NO	QTY	DESCRIPTION	MANUFACTURER	MODEL	EQUIPMENT REMARKS
01	1	SE36 SERIES ELECTRIC RANGE	SOUTHBEND	SE36A-BBB	
02	1	ICE MAKER W/ BIN	MANITOWOC ICE	IDT1500N-261 /D-970	
03	3	PIN, INGREDIENT SHELVING, WIRE	CAMBRO METICO	2160LYK	
08	1	UNDERCOUNTER DISHWASHER ACTINGERATOR REACHIN	MEIKO CONTINENTAL	M-iCLEAN UM+	CASTERS
10	1	S/S WORKTABLE W/ UNDERSHELF & BACKSPLASH	EAGLE GROUP	T3036SE-BS	SACIENC
11 12	2	SANDWICH PRESS SINK, HAND, WALL-MOUNT	ELECTROLUX EAGLE GROUP	603870 HSA-10-F	
13	1	REFRIGERATED SERVICE CASE, SLIDE IN	STRUCTURAL CONCEPTS	NE3627RSV	
14	6	SANDWICH UNIT, REFRIGERATED OMS SCREEN	CONTINENTAL PROVIDED BY OPERATIONS	SW40 18M-HGL CONTACT OPERATIONS	}
16.1	1	CNETZE GUARO W/LED LIGHT	WERNA-GARD	VZ1	DRUSHED ALUMINUM FINSH, MEET NSF2 REQUIREMENTS
16.2 16.3	1	SNEEZE CHARD WILED LIGHT SNEEZE GUARD WILED LIGHT	VERSA-GAPD VENSA-GARD	VP1 VP1	BRUSHED ALUMINUM FINSH, MEET NSF2 REQUIREMENTS BRUSHED ALUMINUM FINSH, MEET NSF2 REQUIREMENTS
17 17.1	1	42" (16:9) LCD SCREEN 42" (16:9) LCD SCREEN	PROVIDED BY OPERATIONS PROVIDED BY OPERATIONS	CONTACT OPERATIONS CONTACT OPERATIONS	
20	1	UTILITY SINK, LROP-IM	FAS E GROUP	SP14-16-9.5-1	
21 22	2	UNDERCOUNTER REFRIGERATOR, GLASS DOOR RICE COOKER, ELECTRIC	CONTINENTAL PANASONIC	UC60-GD SR-42HZP	
23	1	HAND SINK, DROP-IN	EAGLE GROUP	SR10-14-5-1	
24 26	1	REFRIGERATOR, ROLL-IN REFRIGERATED CASE	CONTINENTAL STRUCTURAL CONCEPTS	DL1RI CO53R	
27	1	HOT/COLD PAN, DROP-IN	DELFIELD	N8656	
28 29	1	HOT/COLD PAN, DROP-IN VENTLESS ISLAND EXHAUST HOOD	DELFIELD GILES	N8643 PO-VH-79769	FIRE SUPPRESSION OPTION REQ.
30.1	1	SNEEZE GUARD w/ 1 in. POST, 3/8 in. GLASS	VERSA-GARD	VG3-SK	BRUSHED ALUM., MEET NSF2, SURFACE MOUNT w/COVER PLAT
30.2 30.2	1 1	SNEEZE GUARD w/ 1 in. POST, 3/8 in. GLASS SNEEZE GUARD w/ 1 in. POST, 3/8 in. GLASS	VERSA-GAPD	VG3-SK VG3-SK	BRUSHED ALUM., MEET NSF2, SURFACE MOUNT w/COVER PLATERUSHED ALUM.
30.4	1	SNY EZE GUAR 5 w/1 in. PVS1, 3/8 in. VLASS 42" (16:9) LCD SCREEN	VEIZA-GARD PROVIDED BY OPERATIONS	VG3-9K CONTACT OPERATIONS	BRUSHED ALUM., MEET NSF2, SURFACE MOUNT w/COVER PLAT
31.1	1	42" (16:9) LCD SCREEN	PROVIDED BY OPERATIONS	CONTACT OPERATIONS)
40	2	REARIGERATEL SELF/SER /E MENCHANDISER SOUP WARMER/RETHERMALIZER	FEDERAL INDUSTRIES VOLLRATH	F36M-478SC 74110110	
42.1	1	SNEEZE GUARD w/LED LIGHT	VERSA-GARD	VG3-DS	BRUSHED ALUM., MEET NSF2, SURFACE MOUNT w/COVER PLAT
42.2 42.3	1	SNEEZE GUARD w/LED LIGHT SNEEZE GUARD w/LED LIGHT	VERSA-GARD VERSA-GARD	VG3-DS VG3-DS	BRUSHED ALUM., MEET NSF2, SURFACE MOUNT w/COVER PLAT BRUSHED ALUM., MEET NSF2, SURFACE MOUNT w/COVER PLAT
42.4	1	SNEEZE GUARD w/LED LIGHT	VERSA-GARD	VG3-DS	BRUSHED ALUM., MEET NSF2, SURFACE MOUNT w/COVER PLAT
42.5 50	1	SNEEZE GUARD w/LED LIGHT TRIPLE DECK PIZZA OVEN	VERSA-GARD BAKERS PRIDE	VG3-DS EP-3-8-5736	BRUSHED ALUM., MEET NSF2, SURFACE MOUNT w/COVER PLAT
50	1	TRIPLE DECK PIZZA OVEN - 3RD CONNECTION	BAKERS PRIDE	EP-3-8-5736	3RD CONNECTION
51 52	1	HOT/COLD PAN, DROP-IN HEATED SHELF, DROP-IN	DELFIELD HATCO	N8630 GRSBF-48-I	
53 54.1	1	HEATED SHELF, DROP-IN SNEEZE GUARD w/ 1 in. POST, 3/8 in. GLASS	HATCO VERSA-GARD	GRSBF-30-I VG3-SK	BRUSHED ALUM., MEET NSF2, SURFACE MOUNT w/COVER PLAT
54.4	1	SNEEZE GUARD W/ III. POST 3/0 in. GLASS	VERSA-CARD	v'G3-SK	BRUSHED ALUM., MEET NSF2, SURFACE MOUNT w/COVER PLAT
54.3 55	1	SN EEZE GUAP D w/ 1 in. P OST, 3/8 in. GLASS 42" (16:9) LCD SCREEN	VERSA-GARD PROVIDED BY OPERATIONS	VGJ-SK CONTACT OPERATIONS	BRUSHED ALUM., MEET NSF2, SURFACE MOUNT w/COVER PLAT
55.1 56	1	42" (16:9) LCD SCREEN HEAT LAMP, STRIP TYPE	PROVIDED BY OPERATIONS HATCO	CONTACT OPERATIONS GRNM-54	}
57	1	HEAT LAMP, STRIP TYPE	HATCO	GRNM-36	
60 91.1	1	SANDWICH TOP REFPIGERATOR SNEEZE GUARD	CCNTINENTAL VERSA-GARD	CPA93-18-D VP24	BRUSHED ALUMINUM FINISH, MEET NSF2 REQUIREMENTS
61.2	1	SNEEZE CUARD	VERSA-GARD	VP24	BRUSHED ALUMINUM FINISH, MEET NSF2 REQUIREMENTS
61.3 62	1	SNTEZE GUARD 42" (16:9) LCD SCREEN	VETSA-GARD PROVIDED BY OPERATIONS	VP2 CONTACT OPERATIONS	PRUSHED ALUMINUM FINISH, MEET NSF2 REQUIREMENTS
62.1	1	42" (16:9) LCD SCREEN	PROVIDED BY OPERATIONS	CONTACT OPERATIONS	
70 71	1	SE36 SERIES ELECTRIC RANGE	SOUTHBEND	NS%10-F SE36A-BBB	
72	1	GRIDDLE STAND, REFRIGERATOR	DELFIELD	F2936C	
73 74	1	STAR-MAX ELECTRIC CHAR-BROILERS OVEN-STEAMER, COMBI ELECTRIC	STAR MANUFACTURING RATIONAL USA	5136CF CMP 61/CMP 61 6" LEGS	DOUBLE STACKED
75	1	EXHAUST HOOD	CAPTIVEAIRE	ND D 400	REFER TO DETAIL SHEET Q600 & Q601
76 77	1	FIRE SUPPRESSION SYSTEM REFRIGERATOR, ROLL-IN	ANSUL CONTINENTAL	R-102 DL1RI	WET CHEMICAL
78 79	1	HOT CABINET, ROLL-IN REFRIGERATOR, UNDERCOUNTER	CONTINENTAL CONTINENTAL	DL1WI SW27-U	CASTERS
80	1	UTILITY SINK, DROP-IN	EAGLE GROUP	SR14-16-9.5-1	ONOTE NO
81 82	1	HEATED SHELF, DROP-IN HOT/COLD PAN, DROP-IN	HATCO DELFIELD	GRSBF-48-I N8656	
83	1	REFRIGERATED CASE	STRUCTURAL CONCEPTS	CO63R-UC	
84.1 84.2	1	SNEEZE GUARD w/ 1 in. POST, 3/8 in. GLASS SNEEZE GUARD w/ 1 in. POST, 3/8 in. GLASS	VERSA-GARD VERSA-GARD	VG3-SK VG3-SK	BRUSHED ALUM., MEET NSF2, SURFACE MOUNT w/COVER PLAT BRUSHED ALUM., MEET NSF2, SURFACE MOUNT w/COVER PLAT
84.3	1	SNEEZE CUARD	VERSA-CARD	VP24	BRUSHED ALUMINUM FINISH, MEET NSF2 REQUIREMENTS
84.4 85	1	SNEEZÉ GUARD 42" (16:9) LCD SCREEN	V.RSA-GAR PROVIDED BY OPERATIONS	VN24 CONTACT OPERATIONS	BRUSHED ALUMINUM FINISH, MEET NSF2 REQUIREMENTS
85.1 86	1	42" (16:9) LCD SCREEN HEAT LAMP, STRIP TYPE	PROVIDED BY OPERATIONS HATCO	CONTACT OPERATIONS GRNM-54	
90	•	IC MAKER & DISPENSE	J-DSHIZAKI	D.M-270BAH	WATER FILTRATION SYSTEM
91 100	1	MULTI BEVERAGE DISPENSER COLD STORAGE ASSEMBLY	PEPSICO AMERICAN PANEL	SPIRE 2.0 CUSTOM	WATER FILTER
100.1	1	COOLER LIGHT AND WINDOW HEATER	AMERICAN PANEL	CUSTOM	REFER TO DETAIL SHEET Q602
100.2 100.3	2	EVAPORATOR COIL, COOLER CONDENSING UNIT, COOLER	AMERICAN PANEL AMERICAN PANEL	ADT070 FFAP-020Z	REFER TO DETAIL SHEET Q602 REFER TO DETAIL SHEET Q602
100.4	1	LIGHT AND DOOR HEAT, FREEZER	AMERICAN PANEL	CUSTOM	REFER TO DETAIL SHEET Q602
100.5 100.6	1	EVAPORATOR COIL, FREEZER CONDENSING UNIT, FREEZER	AMERICAN PANEL AMERICAN PANEL	LET180 FFAP-060Z	REFER TO DETAIL SHEET Q602 REFER TO DETAIL SHEET Q602
101	3	SHELVING, WIRE	METRO	2430NK3	4-TIER, 70" POST, CASTERS
102 103	6	SHELVING, WIRE DUNNAGE RACK, 48"	METRO METRO	2160NK3 HP2248PD	4-TIER, 70" POST, CASTERS
110	4	SHELVING, WIRE	METRO	2460NK3	4-TIER, 70" POST, CASTERS
111	5	SHELVING, WIRE SHELVING, WIRE	METRO METRO	2442NK3 2472NK3	4-TIER, 70" POST, CASTERS 4-TIER, 70" POST, CASTERS
112	0	· ·	The state of the s	1	

E01 E02 E03 E04 E05 E06	QTY	DESCRIPTION	Equipment Remarks
E01 E02 E03 E04 E05 E06	1		Equipment Remarks
E02 E03 E04 E05 E06	1		• •
E03 E04 E05 E06	_	HAND SINK	EXISTING TO REMAIN
E04 E05 E06	3	SHELVING, WIRE EXHAUST HOOD	EXISTING TO REMAIN EXISTING TO REMAIN
E05 E06	1	FIRE SUPPRESSION SYSTEM	EXISTING TO REMAIN
E06	1	FRYER, DEEP FAT, ELECTRIC	EXISTING TO REMAIN
<u> </u>	3	PAN RACK, UNIVERSAL	EXISTING TO BE RELOCATED
⊏ 00	1	GRIDDLE RANGE	EXISTING TO REMAIN
E10	1	CONVECTION OVEN - ELECTRIC - SINGLE DECK	EXISTING TO REMAIN
E11	1	CONVECTION OVEN, ELECTRIC	EXISTING TO REMAIN
E12	1	FLAV-R-SAVOR, PORTABLE HOLDING CABINET	EXISTING TO REMAIN
E13	1	S/S WORKTABLE W/ UNDERSHELF & SINK	EXISTING TO REMAIN
E14 E15	1	S/S WORKTABLE W/ UNDERSHELF S/S WORKTABLE W/ UNDERSHELF & SINK	EXISTING TO REMAIN EXISTING TO REMAIN
E16	1	S/S WORKTABLE W/ UNDERSHELF & SINK S/S WORKTABLE W/ UNDERSHELF & BACKSPLASH	EXISTING TO REMAIN
E17	4	COFFEE SHUTTLE	EXISTING TO BE RELOCATED
E19	1	FAUCET, WALL MOUNT	EXISTING TO REMAIN
E19	1	SINK, 2-COMPARTMENT	EXISTING TO REMAIN
E21	1	SHELVING, WIRE	EXISTING TO REMAIN
E22	1	3-COMPARTMENT SINK	EXISTING TO REMAIN
E23	1	S/S WORKTABLE W/ UNDERSHELF	EXISTING TO REMAIN
E24	1	EXHAUST HOOD	EXISTING TO REMAIN
E25	1	ELECTRIC KETTLE	EXISTING TO REMAIN
E26 E27	1	TILT SKILLET ELECTRIC CONVECTION OVEN	EXISTING TO REMAIN EXISTING TO REMAIN
E27 27.1	1	EQUIPMENT STAND	EXISTING TO REMAIN EXISTING TO REMAIN
E28	1	S/S WORKTABLE W/ UNDERSHELF & BACKSPLASH	EXISTING TO REMAIN
E29	1	COFFEE BREWER, AIRPOT	EXISTING TO REMAIN
E30	1	S/S WORKTABLE W/ UNDERSHELF & BACKSPLASH	EXISTING TO REMAIN
E31	1	FOOD CUTTER	EXISTING TO REMAIN
E32	1	S/S WORKTABLE W/ UNDERSHELF & SINK	EXISTING TO REMAIN
E33	1	ICE MAKER W/ BIN	EXISTING TO REMAIN
E35	1	MOP SINK, 36" X 36"	EXISTING TO REMAIN
37.1	2	SHELVING, WIRE	EXISTING TO REMAIN
E41 E43	1	TRUCK, PLATFORM DUNNAGE RACK, 36"	EXISTING TO BE RELOCATED EXISTING TO REMAIN
E43 E44	4	DUNNAGE RACK, 60"	EXISTING TO REMAIN
E51	1	WORKTOP REFRIGERATOR	EXISTING TO BE RELOCATED
E52	2	SLICER	EXISTING TO BE RELOCATED
E53	1	REFRIGERATOR, SANDWICH/SALAD PREP	EXISTING TO BE RELOCATED
E55	2	WORKTOP REFRIGERATOR	EXISTING TO BE RELOCATED
E67	1	COLD PAN	EXISTING TO BE RELOCATED
E71	2	IPAD NUTRITION KIOSK	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 E79	1	COFFEE GRINDER HOT WATER DISPENSER	EXISTING TO BE RELOCATED 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
E88	1	EXHAUST HOOD	EXISTING TO REMAIN
E89	1	SANDWICH MAKE TABLE	EXISTING TO REMAIN
E90	1	WORKTOP SOLID DOOR REFRIGERATOR	EXISTING TO REMAIN
E91	1	OVEN	EXISTING TO REMAIN
E93	1	REFRIGERATOR, ROLL IN	EXISTING TO REMAIN
E94 E95	1	BROILER EQUIPMENT STAND	EXISTING TO REMAIN EXISTING TO REMAIN
E95 E96	1	ULTRA-MAX ELECTRIC GRIDDLES	EXISTING TO REMAIN EXISTING TO REMAIN
⊑96 E97	1	EXHAUST HOOD	EXISTING TO REMAIN
E98	1	DUMP STATION	EXISTING TO REMAIN
E99	4	FRYER, 30 LB	EXISTING TO REMAIN
E100	1	EXHAUST HOOD	EXISTING TO REMAIN
E101	1	FREEZER, REACH-IN	EXISTING TO REMAIN
103	1	ICE CREAM STORAGE CABINET	EXISTING TO REMAIN
105	1	S/S WORKTABLE W/ UNDERSHELF	EXISTING TO REMAIN
E106	1	QCS3 SERIES HIGH VOLUME CONVEYOR TOASTERS	EXISTING TO REMAIN
E107	1	CABINET, MOBILE, WARMING & HOLDING	EXISTING TO REMAIN
E108 E114	1	SINK, HAND, WALL-MOUNT HOT/COLD PAN, DROP-IN	EXISTING TO REMAIN EXISTING TO BE RELOCATED
=114 =115	1	HOT/COLD PAN, DROP-IN	EXISTING TO BE RELOCATED EXISTING TO BE RELOCATED
=115 =116	1	HOT/COLD PAN, DROP-IN	EXISTING TO BE RELOCATED
E127	4	P.O.S.	EXISTING TO BE RELOCATED
127.1	4	SCALE	EXISTING TO BE RELOCATED
E128	8	LOCKERS	EXISTING TO REMAIN
E129	1	LOW TEMPERATURE SMOKER OVEN	EXISTING TO BE RELOCATED
E131	1	DOUGH SHEETER	EXISTING TO REMAIN
E132	3	INDUCTION RANGE, COUNTERTOP	EXISTING TO BE RELOCATED
E140	1	BULK CO2 TANK	EXISTING TO REMAIN
E141	2	CO2 TANK	EXISTING TO REMAIN
E142 E143	6	BAG-N-BOX SHELF 47" (16:9) LCD SCREEN	EXISTING TO REMAIN EXISTING TO BE RELOCATED
_ 140	1	HOT CABINET, ROLL-IN	EXISTING TO BE RELOCATED EXISTING TO BE RELOCATED
E144	1		

EXISTING TO BE RELOCATED

E145 1 2 HEAD COFFEE CREAM DISPENSER

FOODSERVICE GENERAL NOTES:

- 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 NATIONAL FIRE PROTECTION ASSOCIATION, STATE FIRE
- FABRICATED OR OTHERWISE, SHALL CONFORM TO THE LATEST STANDARDS OF NATIONAL ELECTRIC MANUFACTURERS ASSOCIATION AND OF UNDERWRITERS LABORATORIES, INC.,
- 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.
- REQUIRED BY THE REGULATIONS, BUT NOT SPECIFIED OR SHOWN ON THE DRAWINGS.
- PRIOR TO CONSTRUCTION.

 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.

CLARIFIED IN AN OFFICIAL REQUEST FOR INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE FOODSERVICE EQUIPMENT BIDDERS TO INFORM THE FOODSERVICE DOCUMENTS TO INCLUDE: WRITTEN SPECIFICATIONS, 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 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. 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.
- 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
- 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

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.

- ALL ITEMS OF FOODSERVICE EQUIPMENT SHALL BE
- REQUIREMENTS OF APPLICABLE CODES, ORDINANCES, AND REGULATIONS, INCLUDING BUT NOT LIMITED TO THOSE OF THE MARSHALL, STATE BOARD OF HEALTH, LOCAL HEALTH CODES,
- ELECTRICALLY OPERATED AND/OR HEATED EQUIPMENT, AND SHALL BEAR THE U.L. LABEL
- NO EXTRA CHARGE WILL BE PAID FOR FURNISHING ITEMS
- RULINGS AND INTERPRETATIONS OF ENFORCING AGENCIES SHALL BE CONSIDERED PART OF REGULATIONS. GENERAL CONTRACTOR TO SITE VERIFY ALL DIMENSIONS

DISCLAIMER:

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
- CONSULTANT OF ANY DISCREPANCIES FOUND WITHIN THESE 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

- EXISTING VENTILATORS MUST BE VERIFIED THEY WILL PERFORM PROPERLY FOR NEW EQUIPMENT INDICATED.
- C. The Foodservice Equipment Contractor shall be fully responsible for verifying all field dimensions as they pertain to the work in this section.
- 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.
- 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 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.

FOODSERVICE **EQUIPMENT** SCHEDULE

02/15/2019

PROJECT NUMBER: CW-0205.4.2

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ISSUED FOR:BID

ISSUED DATE:02.15.2019

DRAWN BY:R.Schneider

CHECKED BY:Checker

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Purchase College

STATE UNIVERSITY OF NEW YORK

RENOVATION

DESCRIPTION

RD 77

www.purchase.edu

CONSULTANT:





www.phasezerodesign.com

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www.purchase.edu







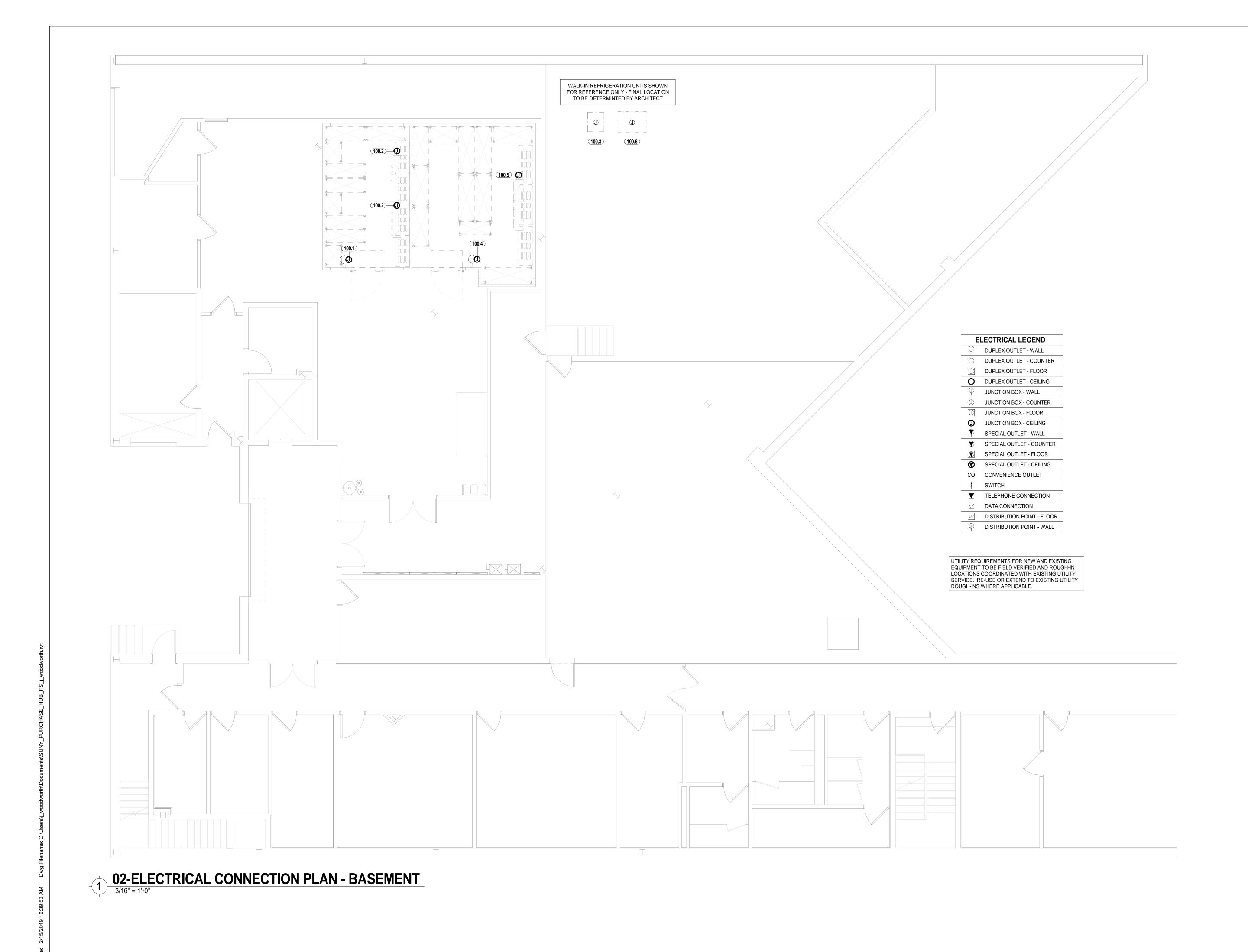
ISSUED FOR:BID

ISSUED DATE:02.15.2019

DRAWN BY:R.Schneider CHECKED BY:Checker

PROJECT NUMBER: CW-0205.4.2

FOODSERVICE ELECTRICAL CONNECTION LAYOUT



DESIGN 8 WILCOX STREET SIMSBURY, CONNECTICT 06070 PHONE: (860) 264-1624 FAX: (860) 264-1628

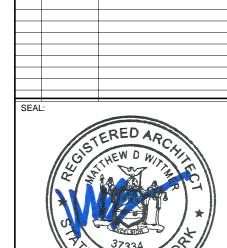
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Purchase College STATE UNIVERSITY OF NEW YORK

REVISIONS
NO. DATE DESCRIPTION



02/15/2019 ISSUED FOR:BID

ISSUED DATE:02.15.2019

DRAWN BY:Author CHECKED BY:Checker

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FOODSERVICE ELECTRICAL CONNECTION LAYOUT -BASEMENT

			FOO	DSEK A	ICE	ELEC	JIKI	CAL SC		ULE	
ITEM NO	QTY	DESCRIPTION	AMPS	WATTS HP	VOLTS	PHASE	CYCLE	CONN TYPE	NEMA	ELEC AFF	ELECTRICAL REMARKS
01	1	SE36 SERIES ELECTRIC RANGE	65.00	21600	208	3	60	DIRECT		48"	CORD & PLUG SUITABLE FOR EQUIPMENT PROVIDED BY K.E.C.
02 08	1	UNDERCOUNTER DISHWASHER	14.90 38.60		208 208	1	60 60	DIRECT DIRECT		48"	
09	1	REFRIGERATOR, REACH-IN	6.90		120	1	60	CORD & PLUG	5-15P	48"	<u></u>
11	2	SANDWICH PRESS REFRICERATED SERVICE CASE, SLIDE IN	26.00 2.76		208 120		60	ORD & PLUG CORD & PLUG	6-3 P 5-15F	18	
14 15	3 6	SANDWICH UNIT, REFRIGERATED OMS SCREEN	7.10 10.00	1/5	120 120	1 1	60 60	CORD & PLUG CORD & PLUG	5-15P 5-15P	18" 48"	
16.1 16.2	1	SNEEZE GUARD SNEEZE GUARD	5.00		120 120	1	60	DIRECT DIRECT		18"	ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER
16.3	1	SNZEZE GUAR O	5.00 5.00		120	1	60 60	DIRECT		18"	ES MATED UT CITIES - VEKIFY WITH MANUFACT RER
17 17.1	1	42" (16:9) LCD SCREEN 42" (16:9) LCD SCREEN	10.00		120 120	1 1	60 60	CORD & PLUG CORD & PLUG	5-15P 5-15P	72" 72"	DATA CONNECTION - ESTIMATED UTLITIES - FIELD VERIFY DATA CONNECTION - ESTIMATED UTLITIES - FIELD VERIFY
21		UNDERCOUNTER REFRIGERATOR, GLASS DOOF RICE COOKER, ELECTRIC	7.40 12.90	1/4	120	1	60	CORD & PLUG	5-15P 5-15P	18" 48"	
24	1	REFRIGERATOR, ROLL-IN	9.60		120	1	60	CORD & PLUG	5-15P	80"	
26 27	1 1	REFRIGERATED CASE HOT/COLD PAN, DROP-IN	14.58 21.00		120 120/208	1 1	60 60	CORD & PLUG DIRECT	5-20P	18" 18"	VERIFY ELECTRICAL REQUIREMENTS
28 29	1	HOT/COLD PAN, DROP-IN VENTLESS ISLAND EXHAUST HOOD	21.00 5.00		120/208 208	1	60 60	DIRECT DIRECT		18" 144"	VERIFY ELECTRICAL REQUIREMENTS
30.1	1	SNEEZE GUARD LIGHT	5.00		120	1	60	DIRECT		18"	ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER
30.2	1	SNEEZE GUARD LIGHT SNEEZE GUARD LIGHT	5.00		120 120	1	60 60	DIRECT DIPECT		18" 18"	ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER ESTIMATED UTILITIES VERIFY WITH MANUFACTURER
30.4 31	2	SMEEZE GUARD LIGHT 42" (16:9) LCD SCREEN	5.00 10.00		120 120	1	60	DIRECT CORD & PLUG	5-15P	72"	DATA CONNECTION - ESTIMATED UTLITIES - FIELD VERIFY
31.1	1	42" (16:9) LCD SCREEN	10.00		120	1	60	CORD & PLUG	5-15P	72"	DATA CONNECTION - ESTIMATED UTLITIES - FIELD VERIFY
40	2	P FRIGERATED SELF-SLRVE MERCHANDISER SOUR WARMEN'RETHERMALIZER	15.00 o.70		120	1	60	CORD & PLUG CORD & PLUG	L1 1-20 5-157	18" 18"	
42.1 42.2	1	SNEEZE GUARD SNEEZE GUARD	5.00 5.00		120 120	1 1	60 60	DIRECT DIRECT		18" 18"	ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER
42.3 42.4	1	SNEEZE GUARD SNEEZE GUARD	5.00		120 120	1	60 60	DIRECT		18"	ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER
42.5	1	SNEEZE GUARD	5.00		120	1	60	DIRECT		18"	ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER
50 50	1	TRIPLE DECK PIZZA OVEN TRIPLE DECK PIZZA OVEN - 2ND CONNECTION	39.00 39.00		208 208	3	60 60	DIRECT DIRECT		16" 34"	
50 51	1	TRIPLE DECK PIZZA OVEN - 3RD CONNECTION HOT/COLD PAN, DROP-IN	39.00 25.00		208 120	3	60 60	DIRECT DIRECT		52" 18"	
52	1	HEATED SHELF, DROP-IN	8.30		120	1	60	CORD & PLUG	5-15P	18"	
53 54.1	1	HEATED SHELF, DROP-IN SNEEZE GUARD LIGHT	5.50 5.00		120 120	1 1	60 60	CORD & PLUG DIRECT	5-15P	18" 18"	ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER
54.2 54.3	1	SNEEZE GUARD LIGHT SNEEZE GUARD LIGHT	5.00 5.00		120 120	1	60 60	DIRECT DIRECT		18" 18"	ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER
55	1	42" (16:0) LCD SCREEN	10.00		120		60	COPD & PLUG	5-15P	72"	DATA CONNECTION ESTIMATED UTLITIES FIELD VERIFY
55.1 56	1	4. (16:9) LCL SCREEN HEAT LAMP, STRIP TYPE	10.00	925	120 120	1	60 60	CORD & PLUG DIRECT	15P	72" 18"	D (TA CONNECTION - ES IMATED UT LITIES - FIL LD VERIFY
57 60	1	HEAT LAMP, STRIP TYPE SANDWICH TOP REFRIGERATOR	13.00	575	120 120	1	60 60	DIRECT CORD & PLUG	5-15P	18" 0"	
62 62.1	1	42" (16:9) LCD SCREEN 42" (16:9) LCD SCREEN	10.00		120 120	1	60	CORD & PLUG	5-15P 5-15P	72" 72"	DATA CONNECTION - ESTIMATED UTLITIES - FIELD VERIFY DATA CONNECTION - ESTIMATED UTLITIES - FIELD VERIFY
71	1	CL36 SERIES FLECTING LANGE	65.00	21000	208	3	60	DIRECT		48"	CORD & PLUG SUITABLE FOR EQUIPMENT PROVIDED FYK.E.C.
72 73	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"	CORD & PLUG SUITABLE FOR EQUIPMENT PROVIDED BY K.E.C.
74 74	1	OVEN-STEAMER, COMBI ELECTRIC OVEN-STEAMER, COMBI ELECTRIC - 2ND CONNECTION	35.00 35.00		208 208	3	60 60	CORD & PLUG DIRECT	5-15P 5-15P	30" 34"	
75	1	EXHAUST HOOD	15.00		120	1	60	DIRECT		104"	
77 78	1	REFRIGERATOR, ROLL-IN HOT CABINET, ROLL-IN	9.60 7.90		120 120/208	1	60 60	CORD & PLUG DIRECT	5-15P	80" 80"	
79 81	1	REFRIGERATOR, UNDERCOUNTER HEATED SHELF, DROP-IN	6.30 8.30		120 120	1	60 60	CORD & PLUG CORD & PLUG	5-15P 5-15P	18" 18"	
82	1	HOT/COLD PAN, DROP-IN REFRIGERATED CASE	21.00 15.02		120/208 120	1	60 60	DIRECT CORD & PLUG	5-20P	18" 18"	VERIFY ELECTRICAL REQUIREMENTS
83 84.1	2	SNEEZE CUARD LIGHT	5.00		120	1	60	DIRECT	5-20P	18"	ESTIMATED UTILITIES - VERIFY WITH MANUFACTURED
84.2 85	1	SNEEZÉ GUANO LIGHT 42" (16:9) LCD SCREEN	5.00 10.00		1≥0 120	1	60	CORD & PLUG	5-15P	18' 72"	DATA CONNECTION - ESTIMATED UTLITIES - FIELD VERIFY
85.1 86	1	42" (16:9) LCD SCREEN HEAT LAMP, STRIP TYPE	10.00	925	120 120	1	60 60	CORD & PLUG DIRECT	5-15P	72" 18"	DATA CONNECTION - ESTIMATED UTLITIES - FIELD VERIFY
90	2	ICL MAKER & DISPENSER MULTI PEVERACE DISPENSER	8.50	<u> </u>	120	1	60	DIRECT COPD & PLUG	5-15P	48"	DATA CONNECTION - ESTIMATED UTLITIES - FIELD VERIFY
100.1	1	COOLER LIGHT AND WINDOW HEATER	10.00 5.00		120	1	60	DIRECT	5-15-1	102"	DATA ONNECTION - ESTIMATED OTE TIES - FIELD TO ZRIFY
100.2	1	EVAPORATOR COIL, COOLER CONDENSING UNIT, COOLER	2.00 13.90	1	208 208	3	60 60	DIRECT DIRECT		120" 18"	
100.4 100.5	1	LIGHT AND DOOR HEAT, FREEZER EVAPORATOR COIL, FREEZER	10.00 2.40		120 208	1	60 60	DIRECT DIRECT		102" 120"	
100.6	1	CONDENSING UNIT, FREEZER	33.50	1/0	208	3	60	DIRECT	- 4-5	18"	
E51 E52	2	WORKTOP REFRIGERATOR SLICER	8.50 7.00	1/3	120 120	1	60 60	CORD & PLUG CORD & PLUG	5-15P 5-15P	18" 48"	
E53 E55	1 2	REFRIGERATOR, SANDWICH/SALAD PREP WORKTOP REFRIGERATOR	8.30 5.00	1/5	120 120	1 1	60 60	CORD & PLUG CORD & PLUG	5-15P 5-15P	18" 18"	
E71 E75	2	IPAD NUTRITION KIOSK MILK DISPENSER	15.00	1800	120 120	1	60	CORD & PLUG CORD & PLUG	5-15P 5-15P	18"	
E78	2	COFFEE GRINDER	9.40	1000	120	1	60	CORD & PLUG	5-15P	18"	
E80 E81	1	MILK DISPENSER THERMAL COFFEE BREWER, DOUBLE	1.90 12.00		120 208	1	60 60	CORD & PLUG DIRECT	5-15P	48" 48"	ESTIMATED UTILITIES - FIELD VERIFY
E82	2	POS, SELF-CHECKOUT GLASS DOOR MERCHANDISER REFRIGERATOR	10.00	1173 1/2	120 120	1	60	CORD & PLUG CORD & PLUG	5-15P 5-15P	48" 18"	ESTIMATED UTLITIES - FIELD VERIFY
E84 E85	1	REACH-IN REFRIGERATOR	5.20		120	1	60 60	CORD & PLUG	5-15P	48"	
E86 E114	1	GLASS DOOR MERCHANDISER REFRIGERATOR HOT/COLD PAN, DROP-IN	6.80 42.00	782 3/8	120 120/208	1 1	60 60	CORD & PLUG DIRECT	5-15P	18" 18"	VERIFY ELECTRICAL REQUIREMENTS
E115	1	HOT/COLD PAN, DROP-IN HOT/COLD PAN, DROP-IN	21.00		120/208	1	60	DIRECT		18"	VERIFY ELECTRICAL REQUIREMENTS VERIFY ELECTRICAL REQUIREMENTS
E127	4	P.O.S.	10.00		120	1	60	CORD & PLUG	5-15P	18"	
E127.1	1	SCALE LOW TEMPERATURE SMOKER OVEN	5.00 32.00		120 208	1	60 60	CORD & PLUG CORD & PLUG	5-15P	48" 60"	ESTIMATED UTILITIES - FIELD VERIFY K.E.C. TO PROVIDE CORD & PLUC
£132 E143	5	INDUCTION RANGE, COUNTERTOP 47" (16:9) LCD SCREEN	18.00 10.00		120 120	1	60 60	CORD & PLUG	5 75F 5-15P	18 72"	DATA CONNECTION - ESTIMATED UTLITIES - FIELD VERIFY
E143		HOT CABINET ROLL IN	7.00		120/208	1 1	60	DIRECT	0-101	80"	SAM GOMESTION - LOTIWATED OTHING - LIELD VERIFT

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

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

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 ELECTRICAL CONTRACTOR.
- 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
- 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.



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02/15/2019

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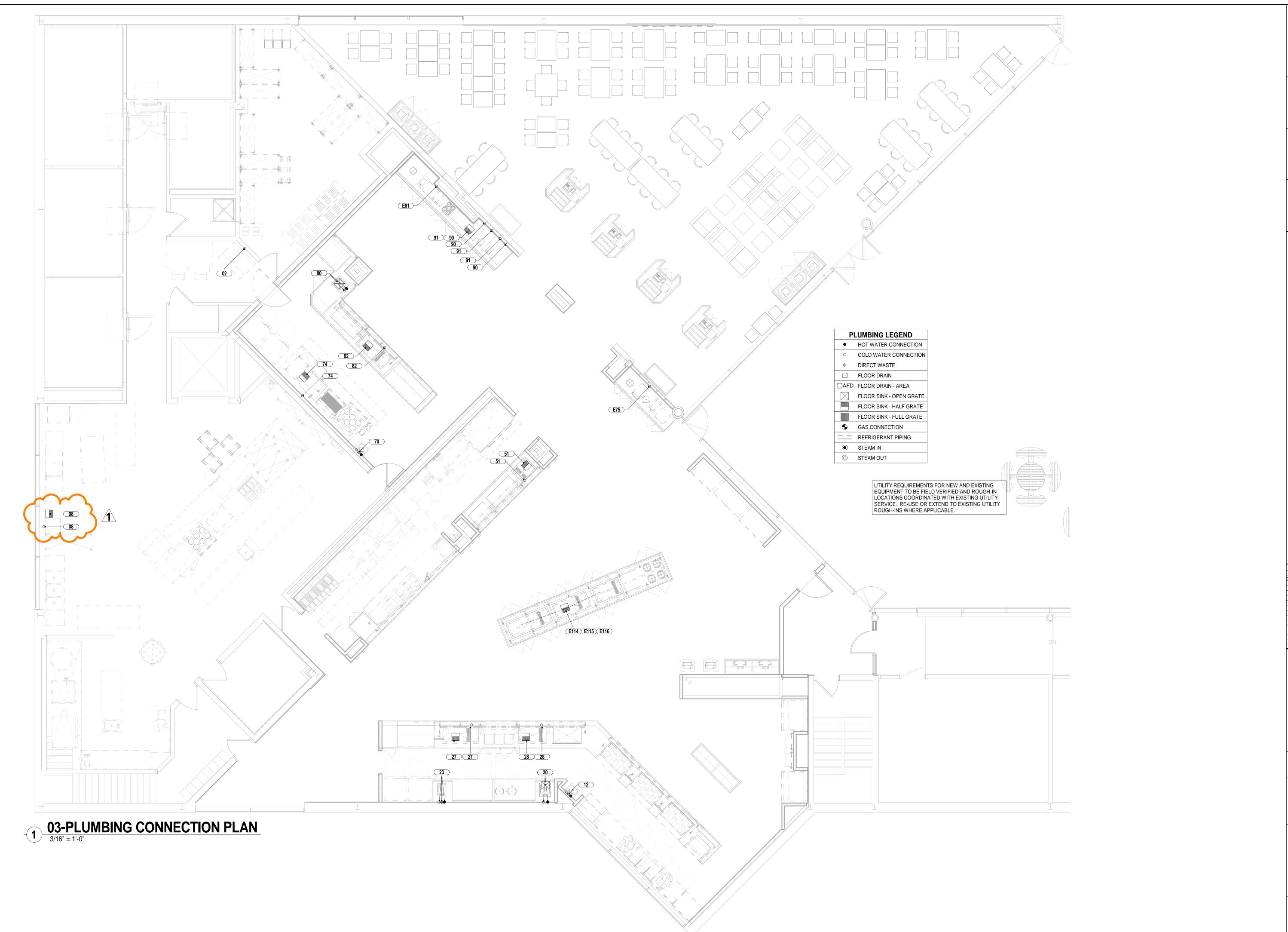
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FOODSERVICE ELECTRICAL CONNECTION

SCHEDULE





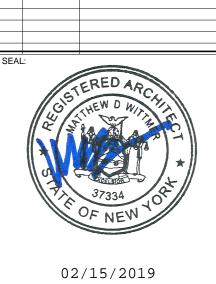
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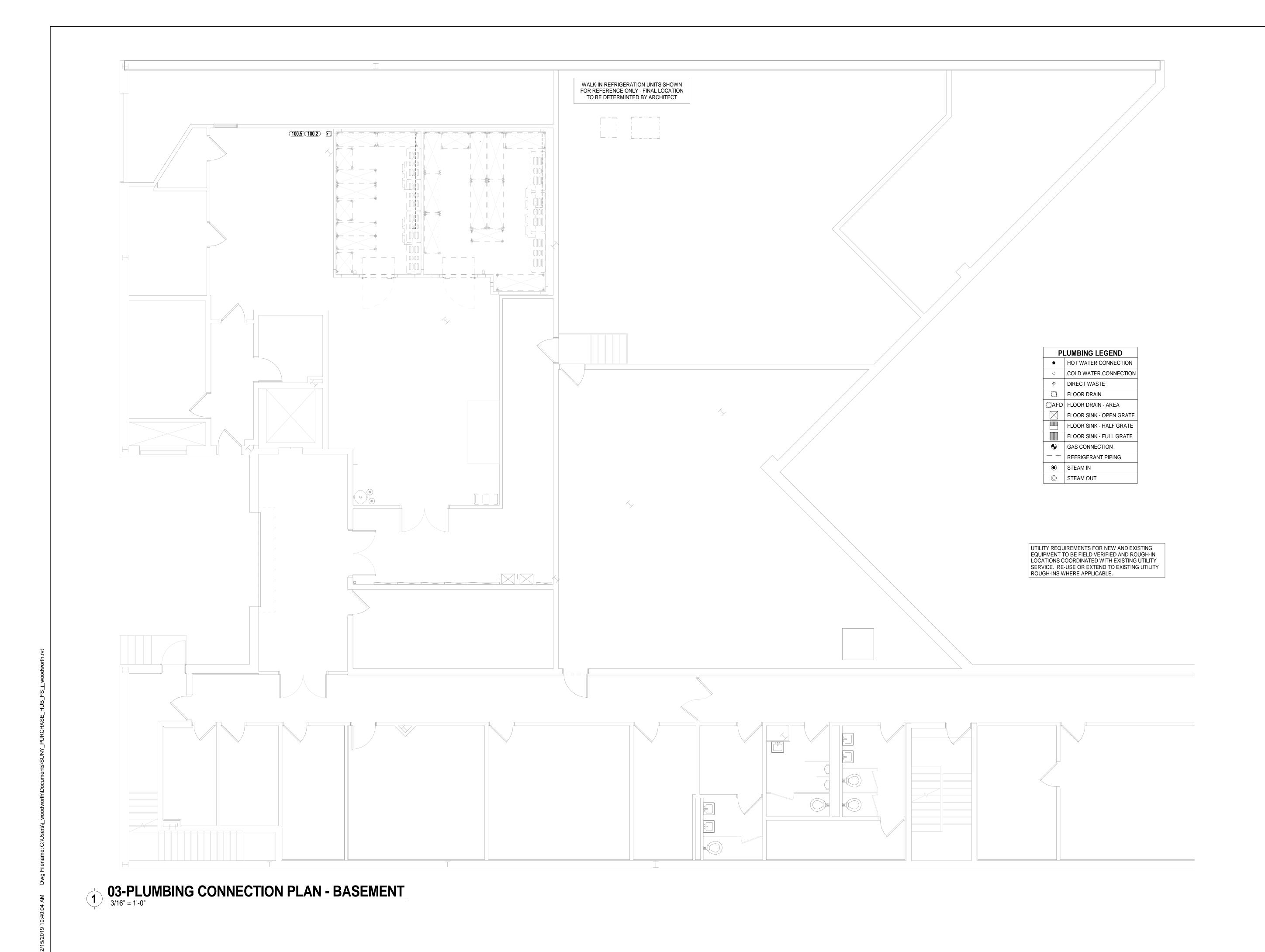
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FOODSERVICE PLUMBING CONNECTION LAYOUT



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FOODSERVICE **PLUMBING** CONNECTION LAYOUT -BASEMENT

						F	OOD	SEF	RVI	CE F	PLUM	IBIN	IG S	CHEDULE
ITEM NO				HW DW DW IW IW GAS SIZE SIZE BTU/H GAS AFF						PLUMBING REMARKS				
02	1	ICE MAKER W/ EIN	3 8"	18			1/2"	14"	3/4"	Fδ				DRAIN LINE TO BE ROUTED TO EXISTING DRAIN
08 12 20	1 1	UNDERCOUNTER DISHWASHER SINA HAND WA L-MOUNT UTILITY SINK, DROP-IN	3/4"	14"	1/2"	14"	1 1/2"	12"	1 1/2"	FS FS		1\		
23	1	HAND SINK, DROP-IN	1/2"	14"	1/2"	14"	1 1/2"	12"	1 1/2	10				
27 27	1	AUTO WATERFILL HOT/COLD PAN, DROP-IN	1/2"	14					1"	FS				DRAIN SHUT-OFF VALVE
28 28	1	AUTO WATERFILL HOT/COLD PAN, DROP-IN	1/2"	14"					1"	FS				DRAIN SHUT-OFF VALVE
51 51	1	AUTO WATERFILL 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"	- "					
74 80	1	OVEN-STEAMER, COMBI ELECTRIC UTILITY SINK, DROP-IN	3/4" 1/2"	14" 14"	1/2"	14"			2"	FS FS				Water supply 25-85 psi. 1st & 3rd water are for steam generators, 2nd & 4th for condensers. Connect drain to high temp. piping.
82 82	1	AUTO WATERFILL HOT/COLD PAN, DROP-IN	1/2"	14"					1"	FS				DRAIN SHUT-OFF VALVE
90		ICE MAKER & DISPENSER	1/2"	14"					3/4"	FS				WATER FILTRATION SYSTEM
91 100.2		MULTI BEVERAGE DISPENSER EVAPORATOR COIL, COOLER	1/4"	14"					3/4"	FS FD				
100.5 E75	1	EVAPORATOR COIL, FREEZER MILK DISPENSER	1/4"	14"					3/4"	FD				
E81	1	THERMAL COFFEE BREWER, DOUBLE	1/4"	14"					4"	EC				ESTIMATED UTILITIES - FIELD VERIFY
E114 E115	1	HOT/COLD PAN, DROP-IN HOT/COLD PAN, DROP-IN							1"	FS FS				DRAIN SHUT-OFF VALVE 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
- 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
- PLUMBING COMPONENTS MUST NOT INTERFERE WITH THE OPERATION OF THE ITEMS OF FOOD SERVICE
- 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
- 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
- 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
- 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.

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DESCRIPTION



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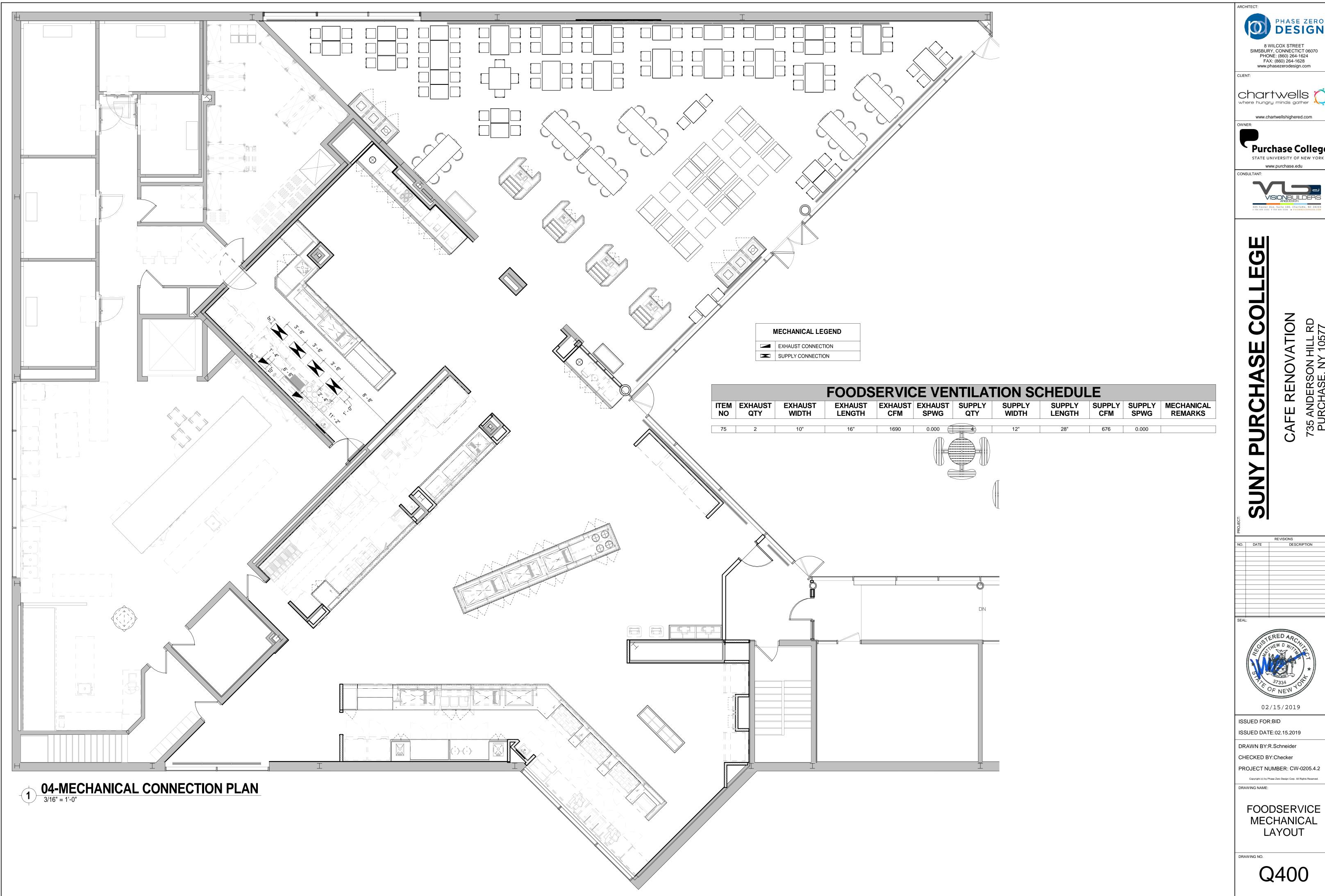
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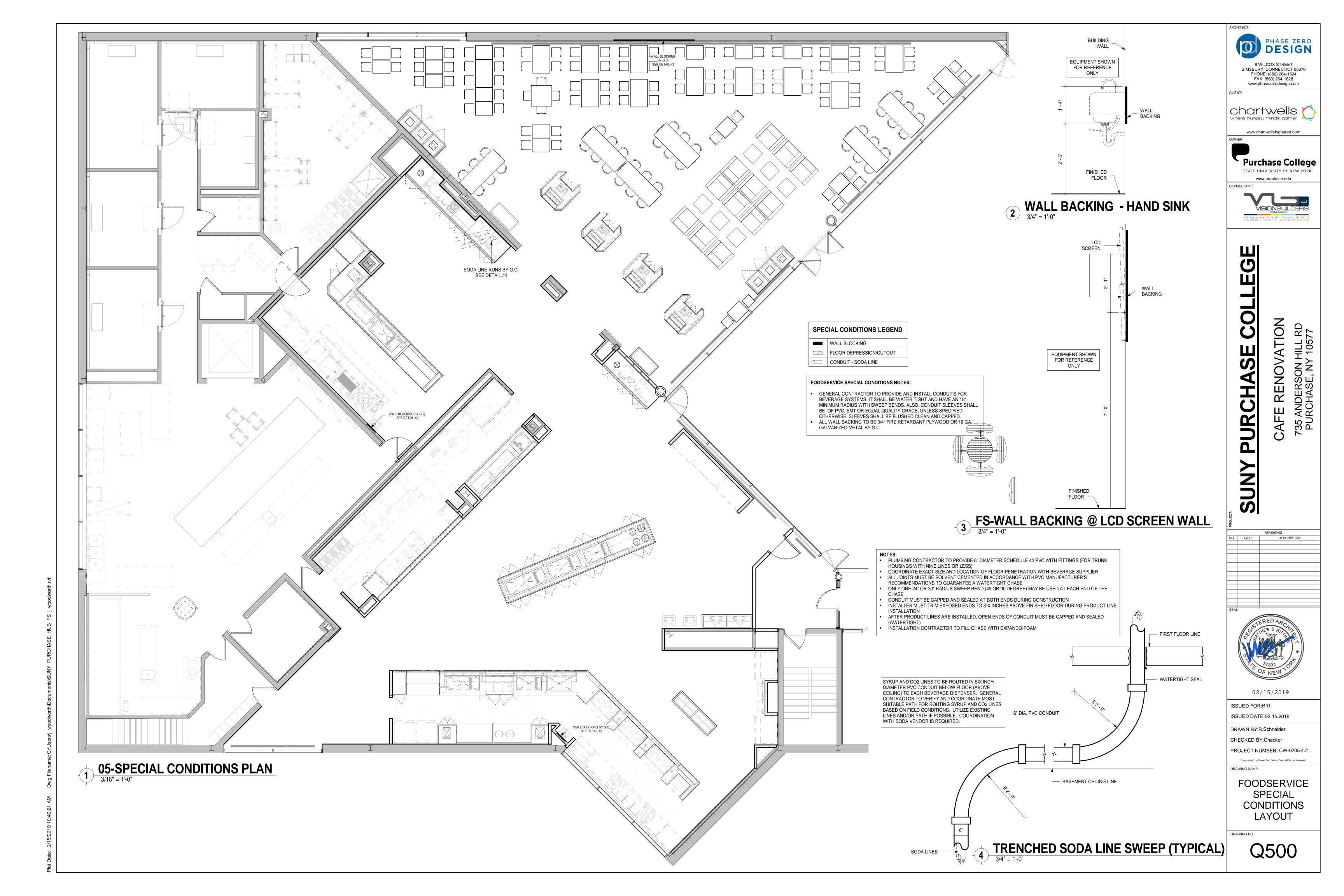
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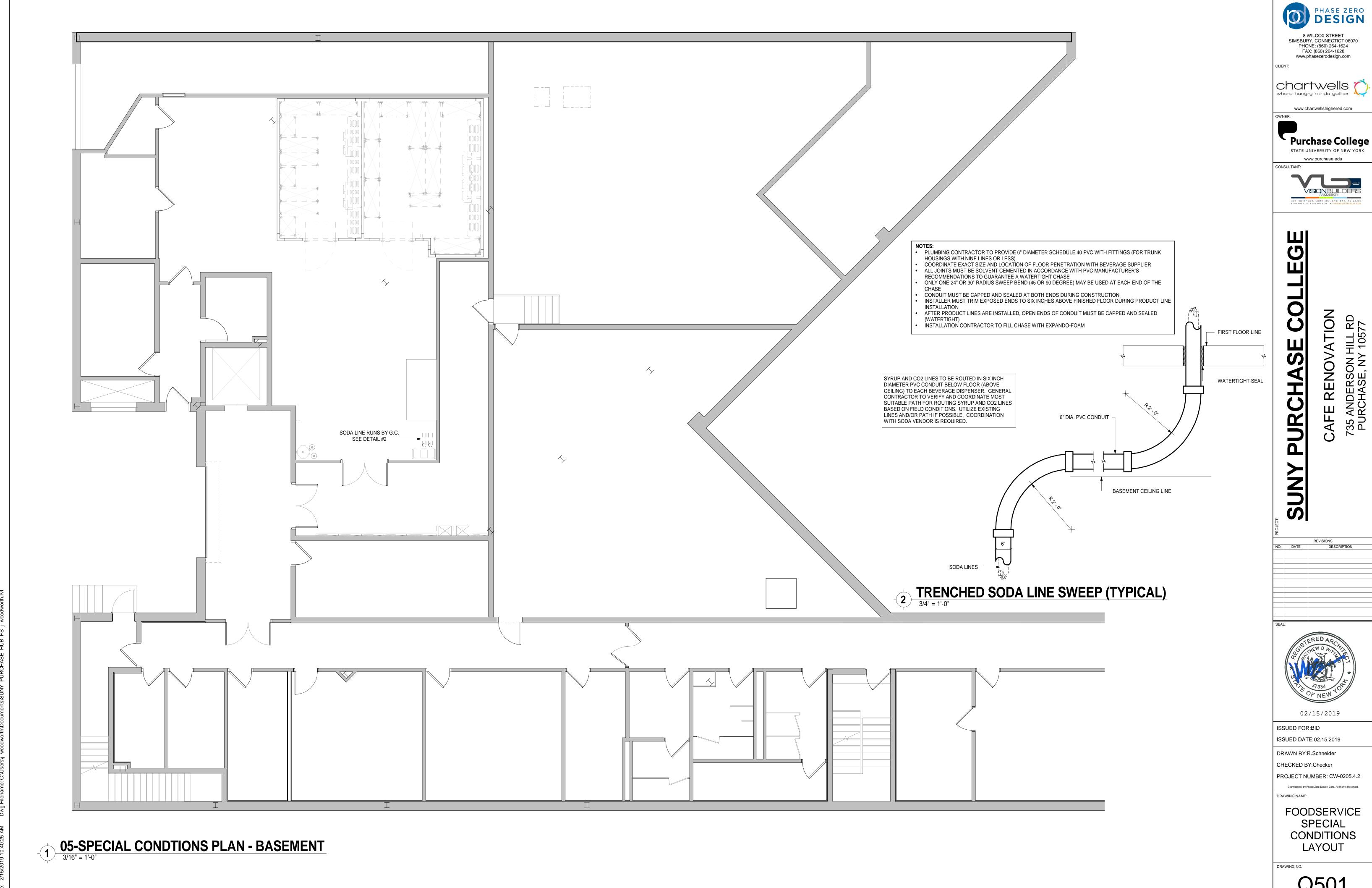
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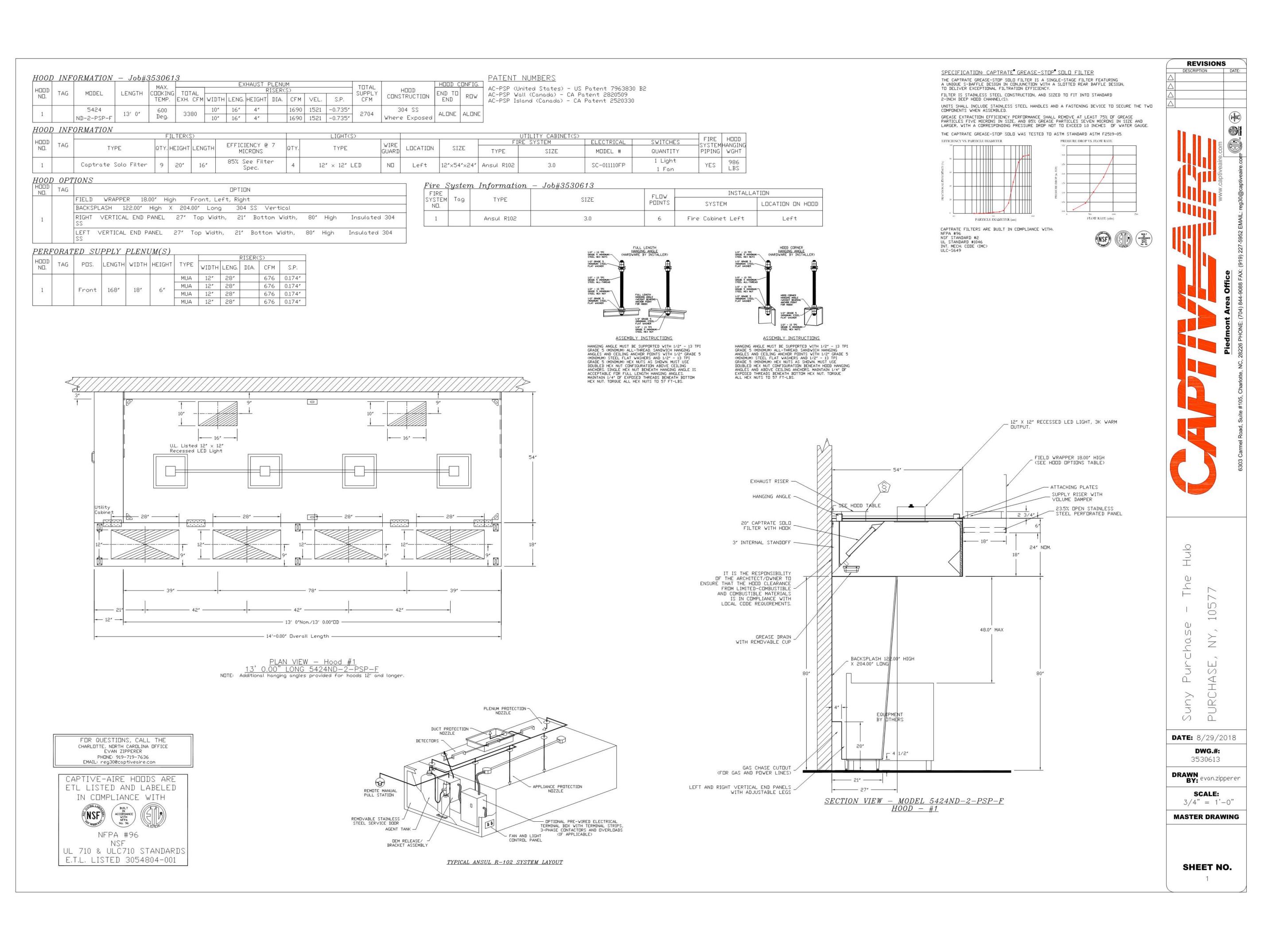
CONNECTION SCHEDULE



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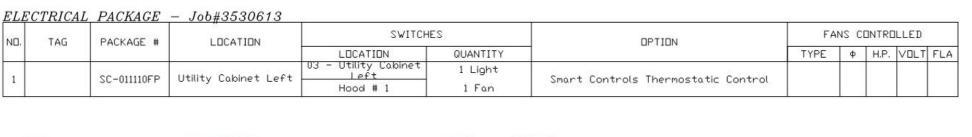
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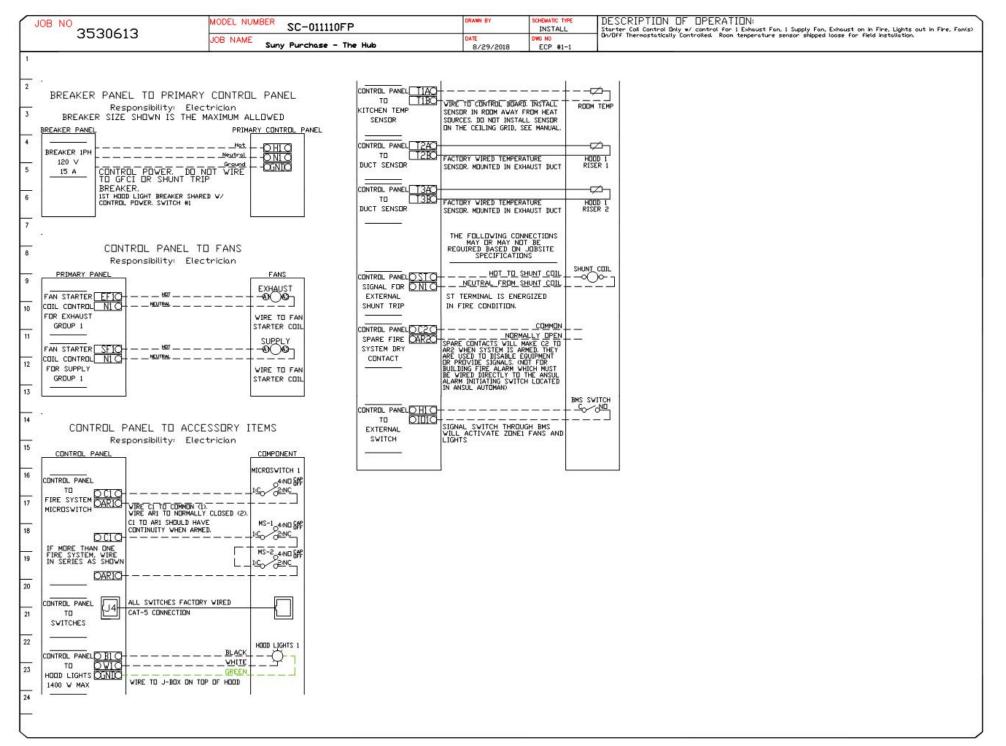
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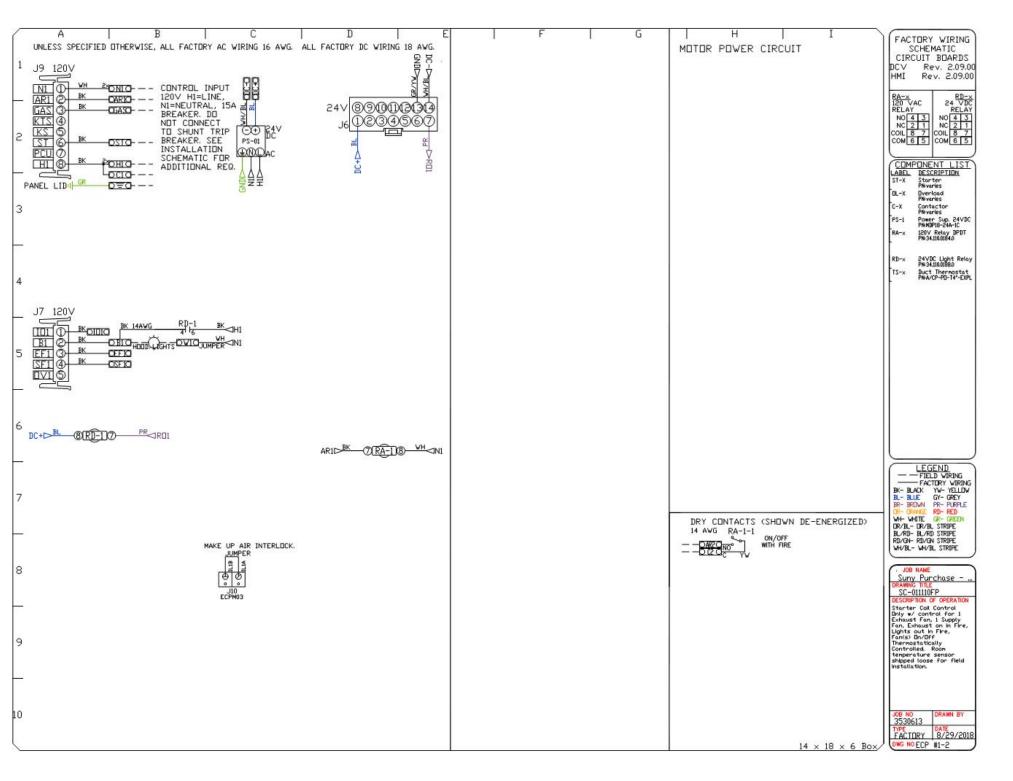
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PURCHASE

DATE: 8/29/2018

DWG.#: 3530613

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

MASTER DRAWING

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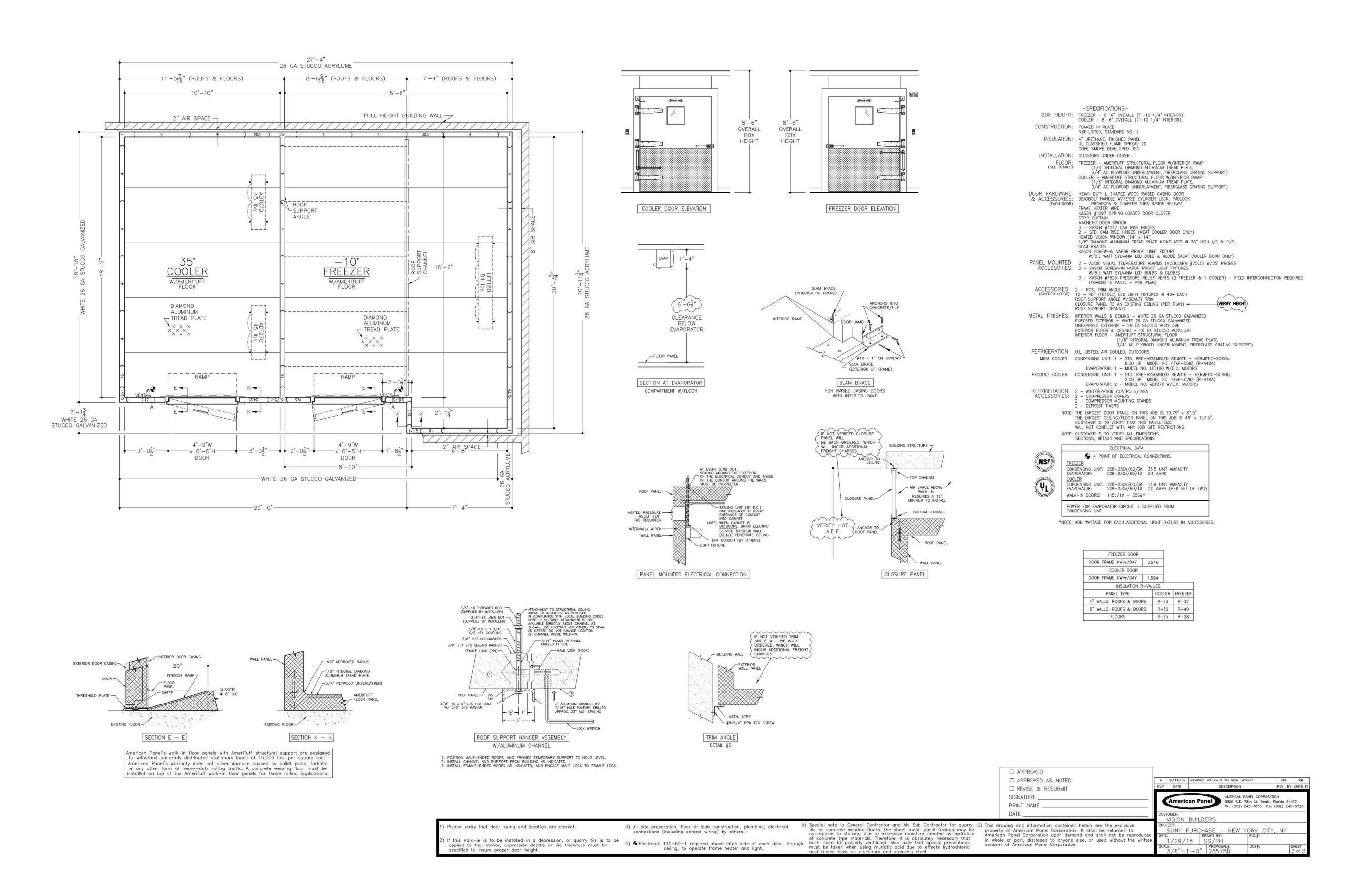
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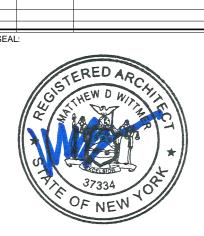
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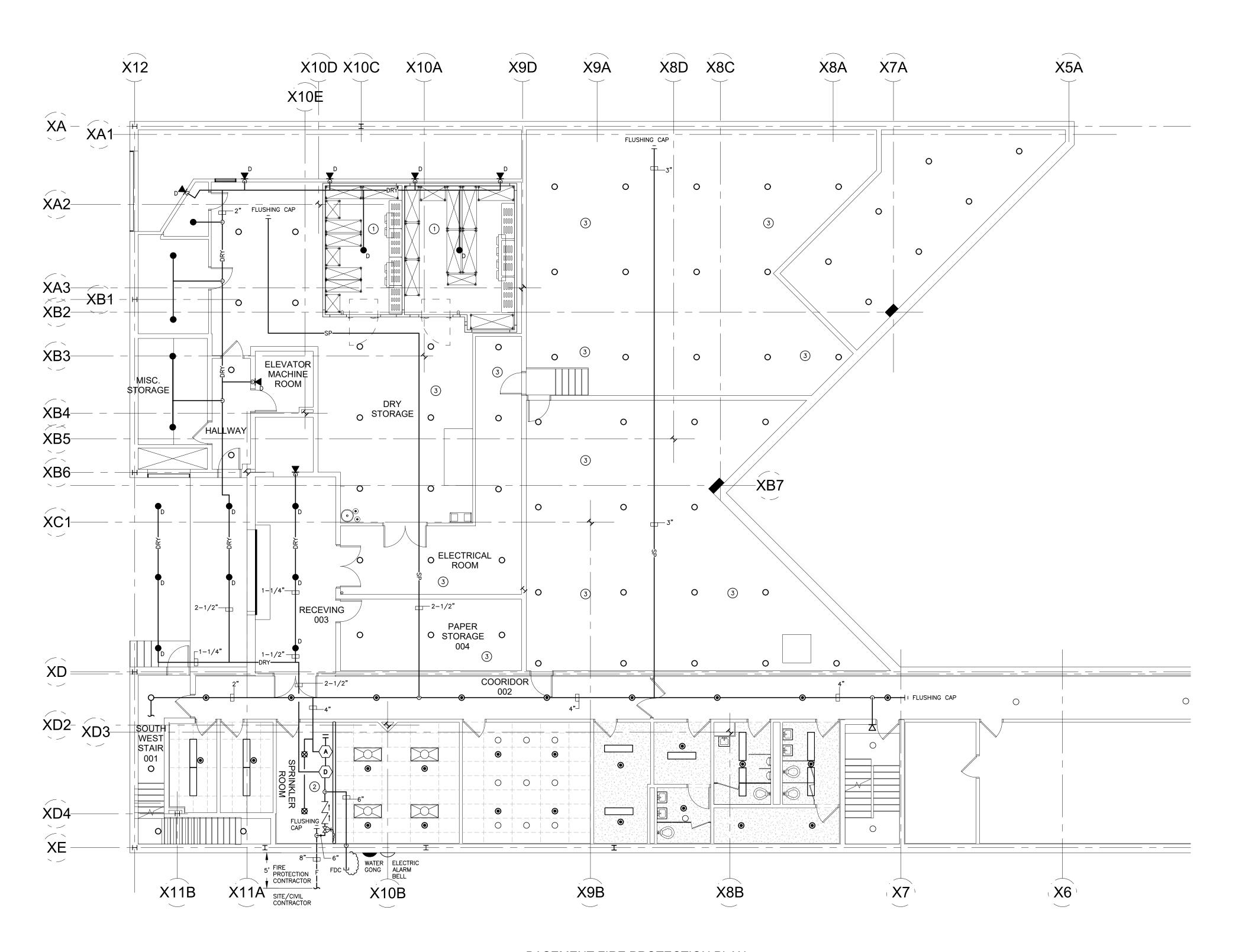
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RAWING NO.



BASEMENT 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.

(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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BASEMENT FIRE PROTECTION

FP-100

PLAN

FIRST FLOOR FIRE PROTECTION PLAN

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



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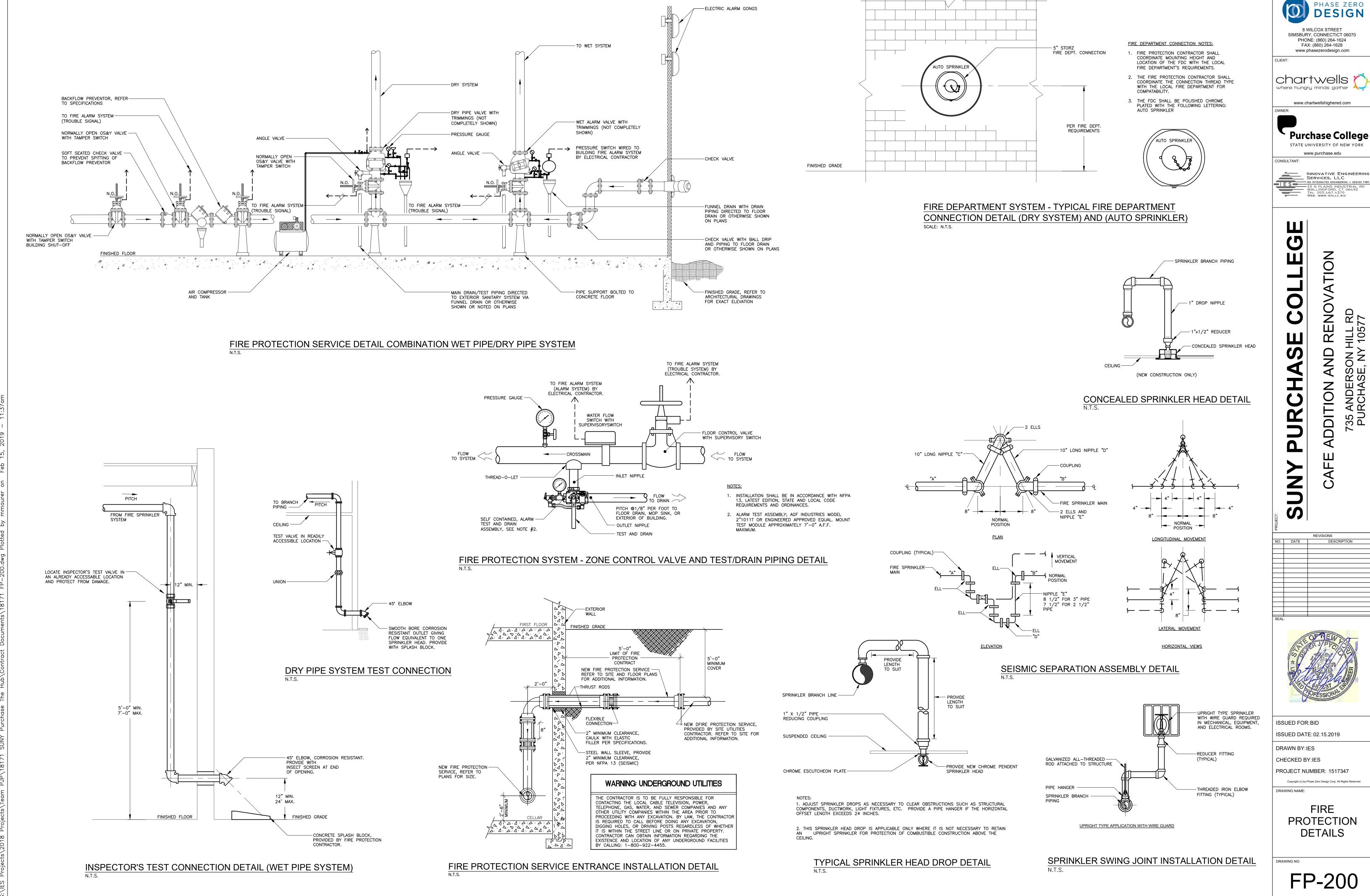
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FIRST FLOOR FIRE PROTECTION PLAN

FP-101

DRAWING NOTES

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



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> PROTECTION **DETAILS**

FP-200

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
- 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
- 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 TEMPERATURE	NORMAL SPRINKLER TEMPERATURE RATING		TURE AT SPRINKLER	BULB d.	FRAME PAINT COLOR				
CLASSIFICATION	(FUSING POINT)	MAX. AMBIENT TEMP. ALLOWED	MAX. RECOMMENDED AMBIENT TEMP!	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				

SPRINKLERS MAKE AND MODEL MAY BE SUBSTITUTED FOR APPROVED EQUAL.

ARCHITECT BEFORE SUBMITTING SHOP DRAWINGS.

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

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

	SPRINKLER HEAD LEGEND														
SYM	DESCRIPTION	COVERAGE UL & FM APPROVED	METAL	TEMP	K FACT	NPT	ORIF	MFG.	MODEL#	ELEMENT	ESCUT	CONN.	RESPONSE	COMMENTS	NOTES
•	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
•	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
N	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
M	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
E N	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
H	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

SP	WINGS, SCHEDULES AND FOR ADDITIONAL					
PIPING SYSTEM	SIZE RANGE	PIPE MATERIALS	JOINTS	FITTINGS	INSULATION	SHUTOFF VALVES
WATER SERVICE PIPING	4" - 8"	STEEL, SCH 40, ASTM A135	FLANGED	FLANGED 300#	N/A	
(WS / F)						
WET SPRINKLER / STANDPIPE	2" DN	STEEL, SCH 40, ASTM A135	THREADED	150# MALLEABLE-IRON	N/A	REFER TO DRAWINGS,
PIPING (WSP/WST - WSP)	2 1/2 UP	STEEL, SCH 10, ASTM A135	GROOVED	VICTAULIC STYLE 77 (FLEXIBLE)	N/A	SCHEDULES AND SPECIFICATIONS
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	

THIS BUILDING IS PROTECTED BY A HYDRAULICALLY DESIGNED AUTOMATIC SPRINKLER SYSTEM LOCATION NO. OF SPRINKLERS BASIS OF DESIGN 1. DENSITY GPM SQ FT 2. DESIGNED AREA OF DISCHARGE SQ FT SYSTEM DEMAND

2. RESIDUAL PRESSURE AT THE BASE OF THE RISER PSI

1. GPM DISCHARGE

HYDRAULIC-SYSTEM

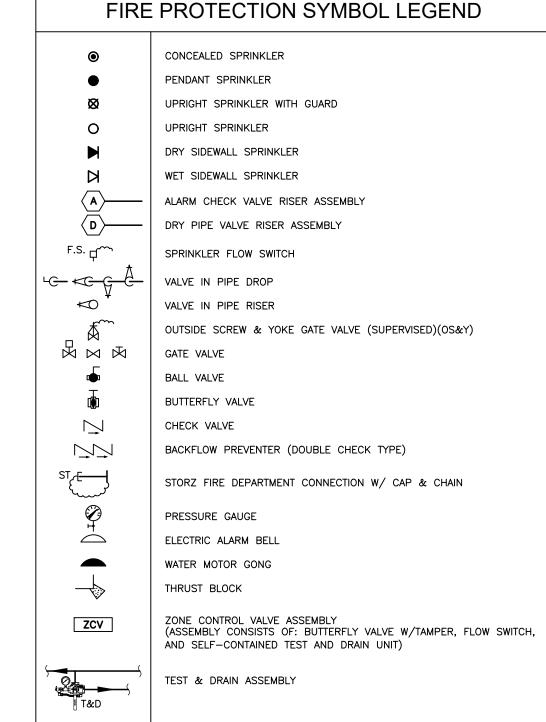
HYDRAULIC SIGN NOTES:

- 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:
- A. LOCATION OF DESIGN AREA OR AREAS. . DISCHARGE DENSITIES OVER THE DESIGN AREA OR AREAS. REQUIRED FLOW AND RESIDUAL PRESSURE DEMAND AT BASE OF RISER. OCCUPANCY CLASSIFICATION OR COMMODITY CLASSIFICATION AND MAXIMUM PERMITTED STORAGE HOSE STREAM DEMAND INCLUDED IN ADDITION TO THE SPRINKLER DEMAND.

HYDRAULIC SYSTEM SIGNAGE DETAIL

ABBREVIATIONS								
AFF	ABOVE FINISH FLOOR							
BFP	BACKFLOW PREVENTER							
DCV	DOUBLE CHECK VALVE							
ELEV	ELEVATION							
FS	FLOW SWITCH							
FDC	FIRE DEPARTMENT CONNECTION							
G	CAGE GUARD (SPRINKLER)							
GPM	GALLONS PER MINUTE							
LPS	LOW PRESSURE SWITCH							
NIC	NOT IN CONTRACT							
PSI	POUNDS PER SQUARE INCH							
SS	SUPERVISORY SWITCH							
TS	TAMPER SWITCH							
TYP	TYPICAL							
VIF	VERIFY IN FIELD							

FIR	E PROTECTION PIPING LEGEND
	FLOW DIRECTION FIRE LINE FIRE SERVICE BURIED WET SPRINKLER SYSTEM DRY PIPE SPRINKLER SYSTEM DRAIN PIPING FIRE DEPARTMENT CONNECTION SUPPLY PIPE DOWN PIPE UP PIPE DROP
	FLUSHING CONNECTION PLUGGED OR CAPPED PIPE



FIRE PROTECTION GENERAL NOTES

- THESE GENERAL NOTES ARE APPLICABLE TO ALL FIRE PROTECTION
- . 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.



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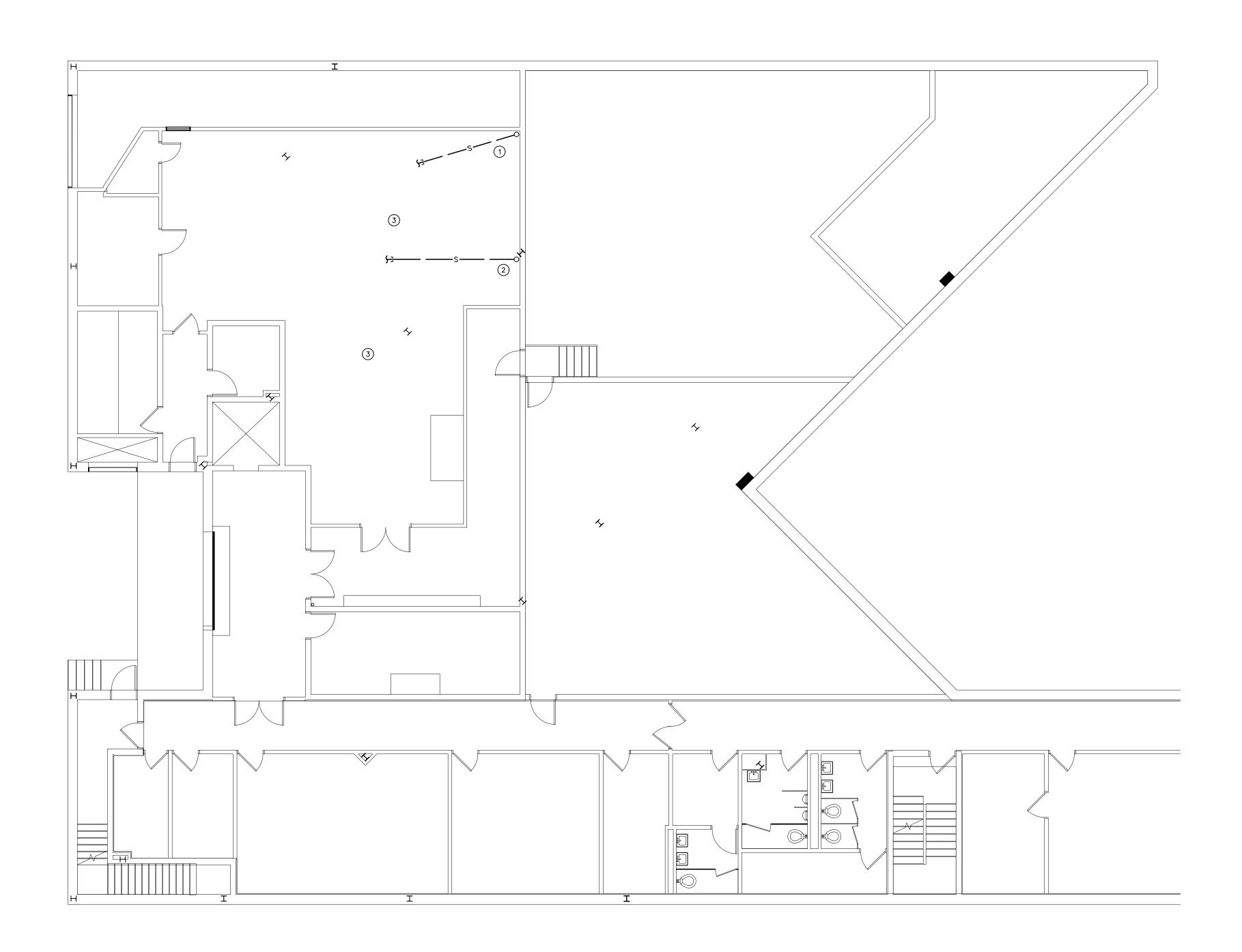
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FIRE PROTECTION NOTES, LEGENDS, & SCHEDULES

DRAWING NO.

FP-201



PLUMBING DEMOLITION NOTES

CONTRACTOR SHALL REPAIR EXISTING BROKEN SANITARY PIPING BELOW SLAB.
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.

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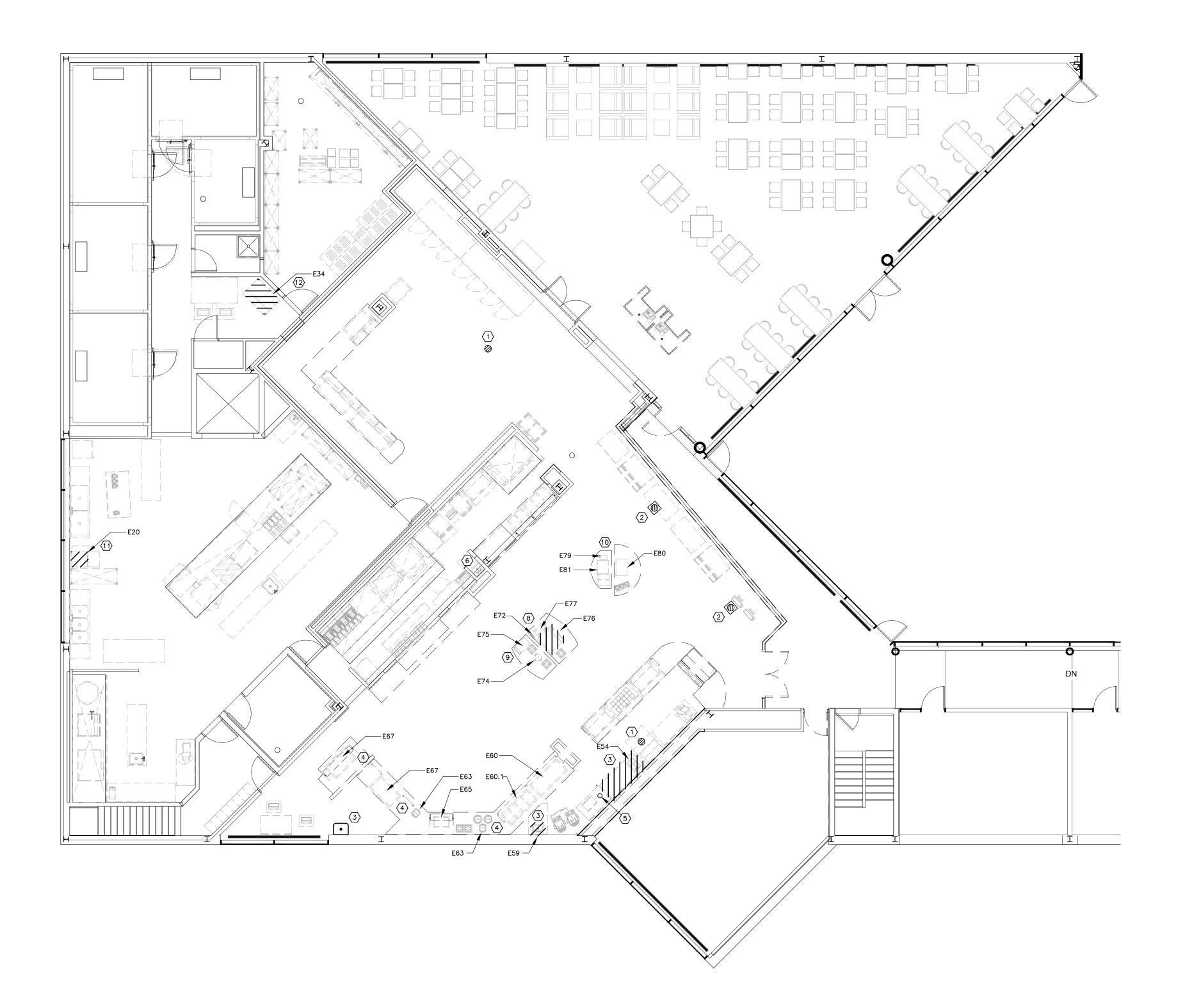
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BASEMENT PLUMBING DEMOLITION PLAN

DP-100

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



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

PLUMBING DEMOLITION NOTES

- CONTRACTOR SHALL REMOVE EXISTING FLOOR DRAIN, SANITARY PIPING, AND VENT PIPING BACK TO MAIN AND CAP OFF, DOWN TO SLAB BELOW.
- 2 CONTRACTOR SHALL REMOVE EXISTING FLOOR SINK, SANITARY PIPING, AND VENT PIPING BACK TO MAINS DOWN TO SLAB BELOW AND ABOVE CEILING, CAP OFF.
- 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.
- CONTRACTOR SHALL DISCONNECT EXISTING PLUMBING PIPING TO EQUIPMENT AND REMOVE FROM CABINETRY BACK TO SOURCE IN BASEMENT AND CAP
- (5) CONTRACTOR SHALL REPLACE EXISTING VENT PIPING UP THROUGH ROOF WITH NEW 4"VENT PIPING. COORDINATE WITH ROOFING CONTRACTOR FOR PATCHING OF ROOF.
- (6) EXISTING HAND SINK SHALL REMAIN, CONTRACTOR SHALL PROTECT FIXTURE DURING CONSTRUCTION.
- (7) 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.
- 9 CONTRACTOR SHALL DISCONNECT EXISTING COFFEE BREWER, REMOVE DOMESTIC WATER PIPING FROM EQUIPMENT AND REMOVE PLUMBING PIPING IN WALL AND CAP BELOW AT BASEMENT LEVEL.
- 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.
- 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									
ITEM NO	QTY	DESCRIPTION	EQUIPMENT REMARKS						
E17	4	COFFEE SHUTTLE	EXISTING TO BE RELOCATED						
E67	2	COLD PAN	EXISTING TO BE RELOCATED						
E72	2	WATER FILTER SYSTEM	EXISTING TO BE RELOCATED						
E74	1	TEA URN	EXISTING TO BE RELOCATED						
E75	1	CAPPUCCINO DISPENSER	EXISTING TO BE RELOCATED						
E77	1	BEVERAGE DISPENSER	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						
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						

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			



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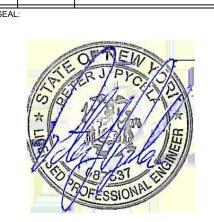
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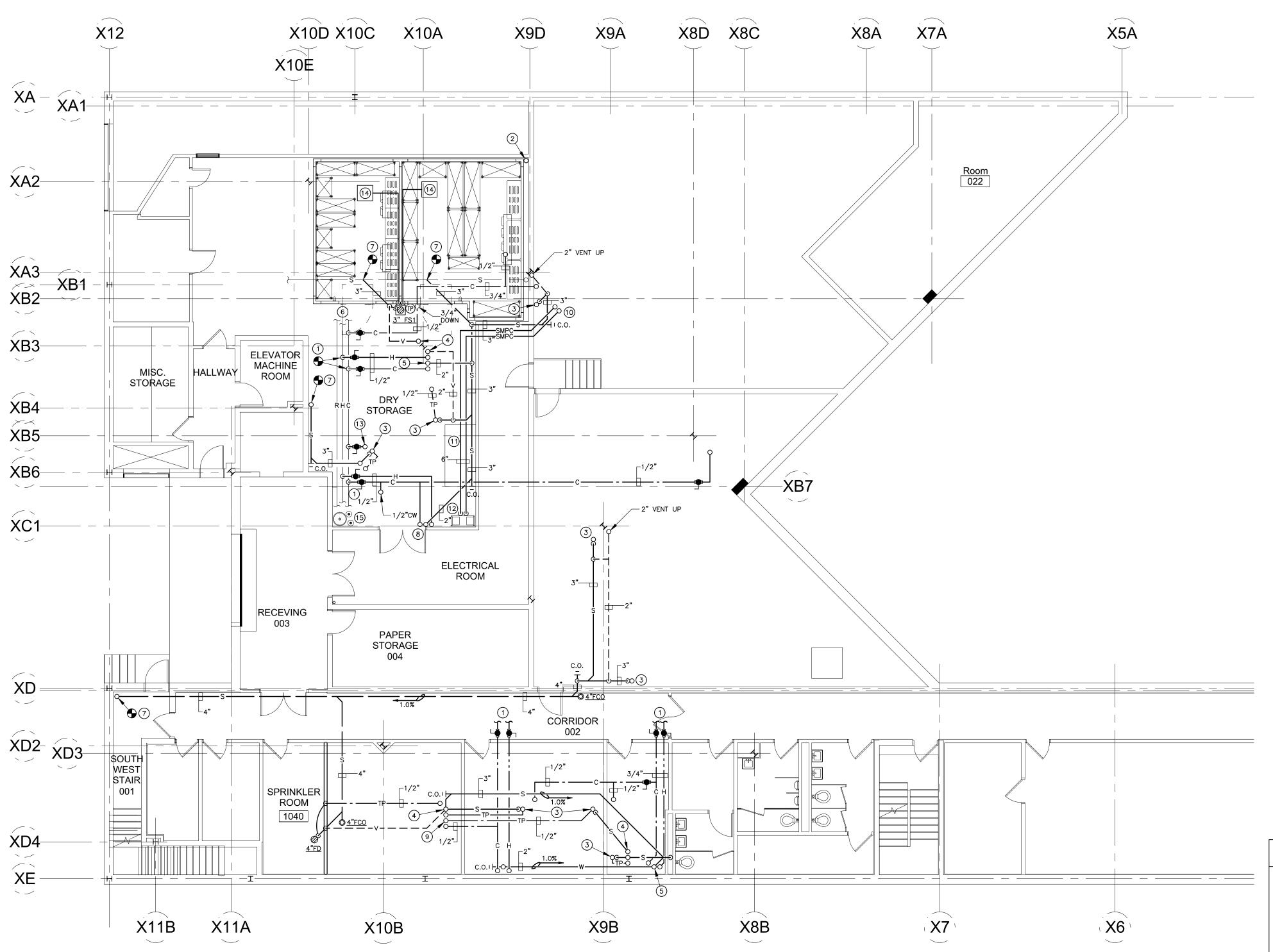
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FIRST FLOOR **PLUMBING** DEMOLITION PLAN

DP-101



BASEMENT PLUMBING PLAN

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



- ONNECT 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 VALVE ABOVE.
- PROVIDE (2) 6" SODA MACHINE PIPING CONDUITS UP THROUGH FLOOR TO EQUIPMENT ABOVE.
- (11) CONTRACTOR SHALL PROVIDE (2) 6" SODA MACHINE PIPING CONDUITS AS HIGH AS POSSIBLE.
- 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. 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.



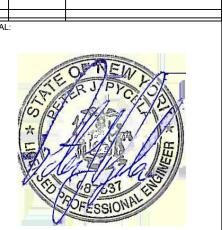
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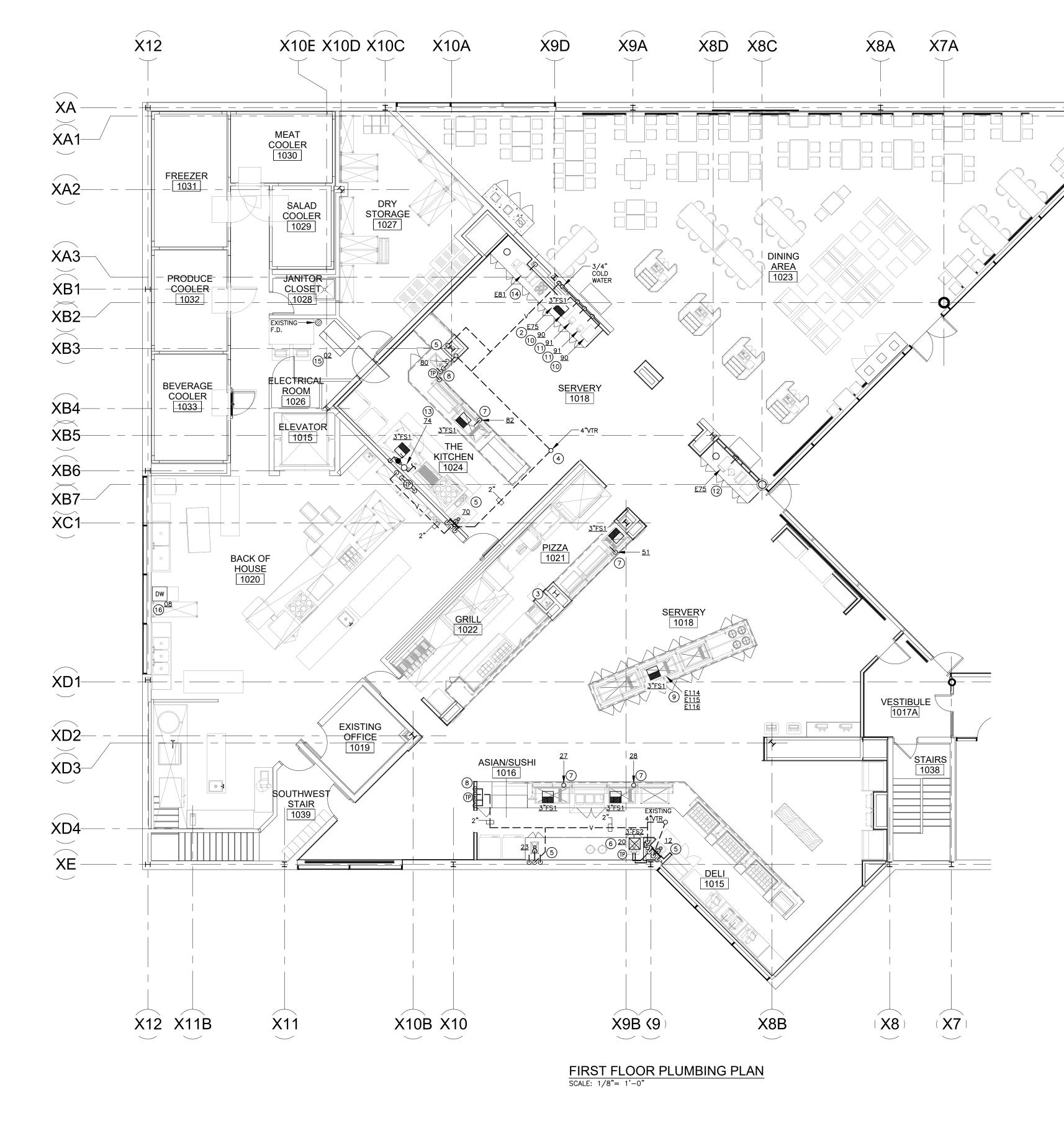
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> **BASEMENT PLUMBING**

> > PLAN



PLUMBING DRAWING NOTES

- 1) PROVIDE NEW 3" FLOOR SINK AND CONNECT PIPING TO EXISTING SANITARY PIPING BELOW FLOOR. CONNECT TRAP PRIMER AND 3/8" COLD WATER SUPPLY TO ICE MACHINE FROM EXISTING WATER CONNECTIONS.
- 2 PROVIDE 1/2" COLD WATER AND 3/4" INDIRECT WASTE PIPING FROM RELOCATED EXISTING MILK DISPENSER.
- (3) EXISTING HAND WASH SINK SHALL REMAIN.
- (4) COORDINATE FINAL LOCATION OF 4" VENT THROUGH ROOF WITH EXISTING MEP CONDITIONS AND WITH EXISTING STRUCTURE BELOW ROOF AND ABOVE
- (5) PROVIDE 2" WASTE DOWN, 1-1/2" VENT RISE, 3/4" HOT WATER AND 3/4" COLD WATER FROM BELOW, PROVIDE 1/2" HOT WATER AND 1/2" COLD WATER PIPING TO HAND SINK (12) AND 1/2" HOT WATER AND 1/2" COLD WATER TO UTILITY SINK (20).
- 6 PROVIDE 1-1/2" INDIRECT WASTE FROM 3" FLOOR SINK, 1/2" HOT WATER AND 1/2" COLD WATER PIPING FROM FAUCET.
- 7 PROVIDE 1/2" COLD WATER PIPING FROM BELOW TO AUTO WATER FILL STATION AND 1" INDIRECT DRAIN PIPING FROM 3" FLOOR SINK TO HOT/COLD PAN, DROP-INS.
- 8 PROVIDE 1/2" COLD WATER PIPING FROM BELOW TO TRAP PRIMER STATION. FURNISH RECESSED ACCESS DOOR WITH INSTALLATION BY OTHERS.
- 9 PROVIDE 1" INDIRECT WASTE DRAIN PIPING FROM 3" FLOOR SINK AND CONNECT TO (3) HOT/COLD PAN, DROP-IN EQUIPMENT.
- (10) PROVIDE 3/4" COLD WATER CONNECTIONS TO WATER FILTRATION SYSTEM AND 3/4" INDIRECT DRAIN WASTE WITH 1/2" COLD WATER PIPING FROM
- PROVIDE 1/4" COLD WATER AND 1" INDIRECT WASTE PIPING FROM MULTI BEVERAGE SODA DISPENSER. PROVIDE 6" CONDUIT 4" ABOVE FINISHED FLOOR WITH TAG LINE FOR SODA VENDOR TO FULL HOSE FROM FLOOR
- PROVIDE 1/2" COLD WATER FROM BELOW AND CONNECT TO EXISTING RELOCATED VENDOR EQUIPMENT.
- PROVIDE 3/4" CW AND 2" INDIRECT DRAIN PIPING FROM COMBI OVEN. INSTALL (VENDOR PROVIDED) 3/4" DOMESTIC WATER FILTER, MOUNTED ON BACK WALL. COORDINATE WITH FOOD SERVICE VENDOR FOR ALL FINAL CONNECTIONS BY PLUMBER. PROVIDE 1/2" CW COOLING LINE TO FLOOR
- PROVIDE 1/4" CW CONNECTION FROM COFFEE EQUIPMENT TO 1/2" CW
- PIPING AND VALVE MOUNTED ON WALL. PROVIDE COORDINATION AND PLUMBING PIPING WITH VENDOR SUPPLIED ICE MACHINE EQUIPMENT. REFER TO FOOD SERVICE EQUIPMENT SCHEDULE FOR
- (16) PROVIDE COORDINATION AND PLUMBING PIPING WITH VENDOR SUPPLIED WASTE PIPING ON BACKWALL BEHIND EQUIPMENT.

ITEM NO.	QTY	DESCRIPTION	CW SIZE	CW AFF	HW SIZE	HW AFF	DW SIZE	DW AFF	IW SIZE	IW TYPE	PLUMBING REMARKS
02	1	ICE CUBE MACHINE	3/8"	18"			1/2"	14"	3/4"	FD	DRAIN LINE SHALL BE ROUTED TO EXISTING DRAIN. PROVIDE 1/2" CW FROM EXISTING PLBC PIPING SERVICES IN JANITOR SINK ROOM
08	1	UNDERCOUNTER DISHWASHER	3/4"	14"					1 1/2"		CONNECT TO EXISTING HW & WASTE PIPING BEHIND EQUIPMENT
12	1	SINK, HAND, WALL-MOUNT	1/2"	14"	1/2"	14"	1-1/2"	12"			
20	1	UTILITY SINK, DROP-IN	1/2"	14"	1/2"	14"			1-1/2"	FS	
23	1	HAND SINK, DROP-IN	1/2"	14"	1/2"	14"	1-1/2"	12"			
27	1	AUTO WATERFILL	1/2"	14"							
27	1	HOT/COLD PAN, DROP-IN							1"	FS	DRAIN SHUT-OFF VALVE
28	1	AUTO WATERFILL	1/2"	14"							ISOLATION VALVE
28	1	HOT/COLD PAN, DROP-IN							1"	FS	DRAIN SHUT-OFF VALVE
51	1	AUTO WATERFILL	1/2"	14"							
51	1	HOT/COLD PAN, DROP-IN							1"	FS	DRAIN SHUT-OFF VALVE
70	1	SINK, HAND, WALL-MOUNT	1/2"	14"	1/2"	14"	1-1/2"	12"			
74	1	OVEN-STEAMER, COMBI ELECTRIC	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
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	
		EXISTING EQUIF	PMENT I	RELC	CAT	ED F	ROM	DEM	10LITI	ON [DRAWINGS
E75	1	MILK DISPENSER	1/4"	14"					3/4"	FS	DRAIN LINE SHALL BE ROUTED TO FLOOR SINI
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

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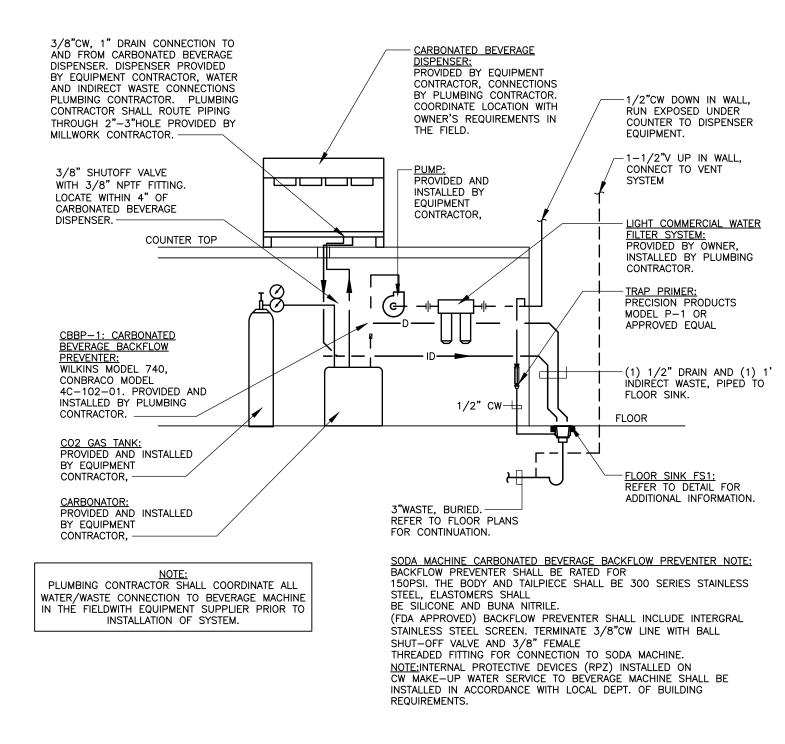
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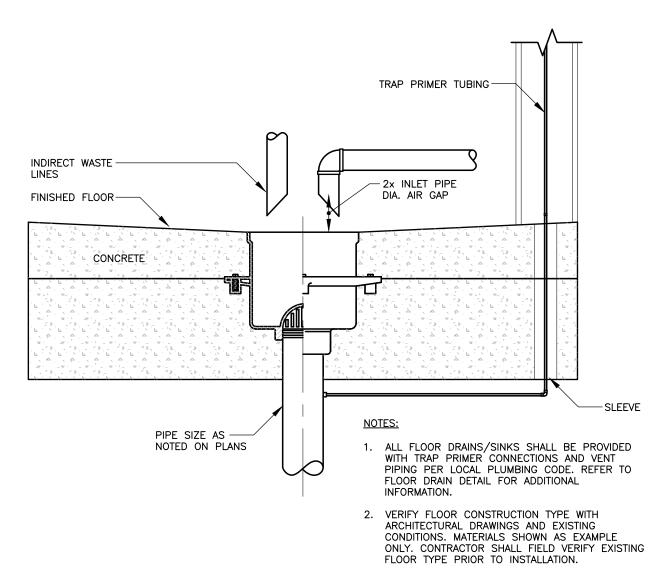
> FIRST FLOOR **PLUMBING**

PLAN

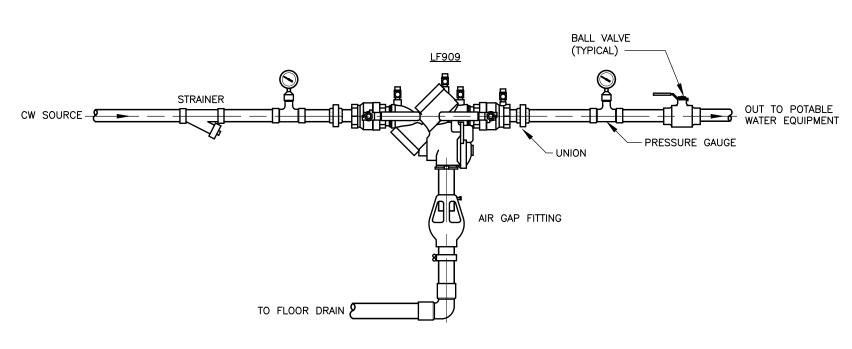
TYPICAL COUNTER TOP ICE MACHINE CONNECTION DETAIL



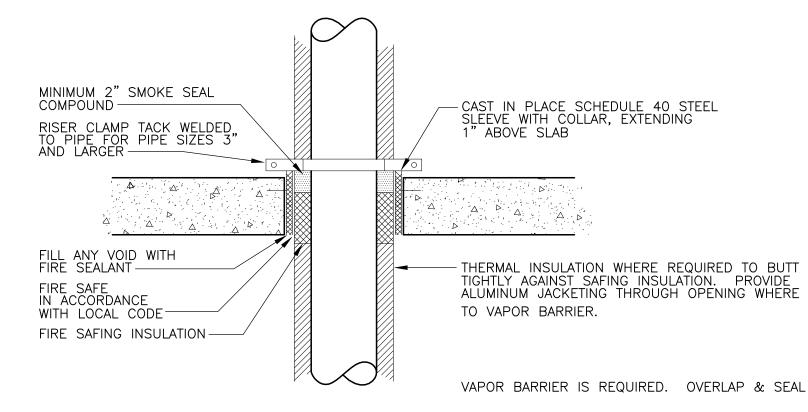
TYPICAL CARBONATED BEVERAGE SYSTEM CONNECTION DETAIL



TYPICAL INDIRECT WASTE PIPE TO FLOOR SINK DETAIL
SCALE: N.T.S.



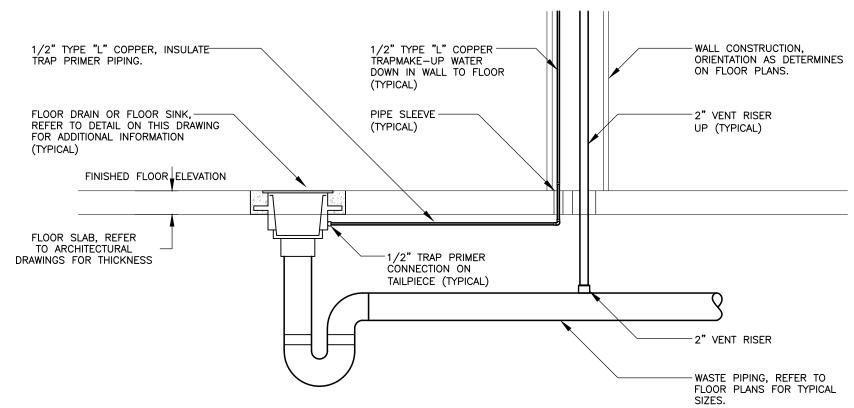
WATTS RPZA LF909 SERIES REDUCE PRESSURE ZONE BACKFLOW PREVENTER
N.T.S.



TYPICAL PIPING FLOOR PENETRATION AND RISER SUPPORT DETAIL

NOTES:

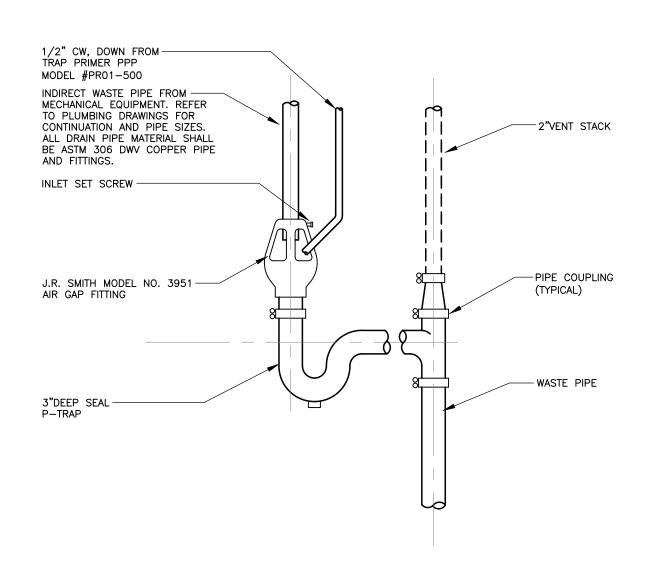
 SLEEVES TO BE SIZED AS REQUIRED FOR OVERALL PIPE DIAMETER. (INCLUDING INSULATION, WHERE APPLICABLE)
 RISER CLAMPS FOR COPPER PIPING SHALL BE COPPER PLATED.



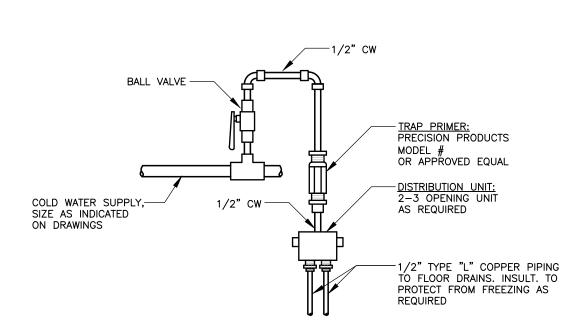
TYPICAL FLOOR DRAIN

SERVICE PIPING INSTALLATION DETAIL

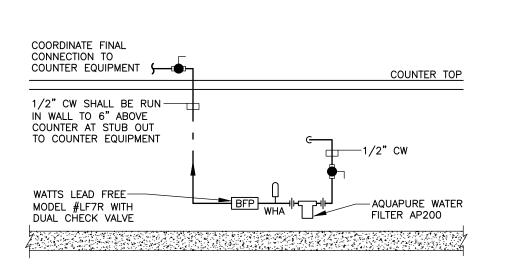
SCALE: N.T.S.



TYPICAL INDIRECT WASTE TO SANITARY - WASTE CONNECTION DETAIL



TYPICAL TRAP PRIMER INSTALLATION DETAIL



TYPICAL COUNTER EQUIPMENT WATER SUPPLY DETAIL SCALE: N.T.S.



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DRAWING NAME:

PLUMBING DETAILS

DRAWING NO.

	PLUMBING DRAIN SPECIALTIES SCHEDULE							
SYMBOL	FIXTURE TYPE	MANUFACTURER/ MODEL NUMBER	DESCRIPTION	ACCESSORIES AND TRIM	REMARKS			
FCO1	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			
FLS1	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			
FLS3	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.

1. REFER TO FLOOR PLANS FOR SIZES.

2. PROVIDE ISOLATION VALVE ON WATER SUPPLY.

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

3. PROVIDE WITH DISTRIBUTION UNIT FOR SERVING MULTIPLE FLOOR DRAINS. 4. PROVIDE AIR GAP FITTING AND PIPE DRAIN TO NEAREST FLOOR DRAIN.

- 2. PROVIDE WITH TRAP PRIMER TP1 UNLESS NOTED OTHERWISE.
- 3. ALL FLOOR DRAINS AND SINKS NOTED ON DRAWINGS SHALL BE PROVIDED WITH A FUNNEL.

	PLUMBING WATER SPECIALTIES SCHEDULE							
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 BEATING CHECK VALVES.	SHUT-OFF VALVES, AIR GAP FITTING, STRAINER, TEST COCKS.	#1,2,4,5			
ΙΡ	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			
REMARKS:								

PLUMBING PIPING LEGEND						
c	COLD WATER					
	HOT WATER					
R	HOT WATER RECIRCULATION					
—SMPC———	SODA MACHINE PIPING CONDUIT					
	WASTE, SANITARY OR SOIL					
	WASTE, SANITARY, SOIL BURIED					
TP	TRAP PRIMER WATER LINE					
	VENT					
	DIRECTION OF FLOW					
//////	EXISTING PIPING TO BE REMOVED					
G	PIPE DOWN					
=======================================	PIPE DROP					
0	PIPE RISE					
×	PIPE ANCHOR					
	PIPE GUIDE or SLEEVE					
	PIPE EXPANSION FITTING (AT BLDG. EXP.JOINTS)					
	VIBRATION ISOLATION FITTING					
E	PLUGGED OR CAPPED PIPE					
I	CLEANOUT					

FLOOR CLEANOUT

PLUN	PLUMBING SYMBOL LEGEND						
4 2	TEMPERATURE GAUGE PRESSURE GAUGE WATER HAMMER ARRESTER STRAINER — 'Y' TYPE						
— >>	P-TRAP FLOOR DRAIN FLOOR SINK (HALF GRATE) FLOOR SINK (OPEN GRATE) TRAP PRIMER UNION						
± ± ±	PETCOCK BALL VALVE CHECK VALVE						
	BACKFLOW PREVENTER ASSEMBLY (RPD W/ DRAIN PIPING) GATE VALVE GAS VALVE (BALL OR PLUG) VALVE IN PIPE DROP						
₩ Ţ ① ₽1	VALVE IN PIPE RISER DRAIN VALVE PLUMBING WORK ITEM NOTE PLUMBING FIXTURE DESIGNATION CONNECT TO EXISTING						

PLUMBING PIPING LEGEND			ABBREVIATIONS
COLD WATER HOT WATER HOT WATER RECIRCULATION SODA MACHINE PIPING CONDUIT WASTE, SANITARY OR SOIL WASTE, SANITARY, SOIL BURIED TRAP PRIMER WATER LINE VENT DIRECTION OF FLOW EXISTING PIPING TO BE REMOVED PIPE DOWN PIPE DROP PIPE RISE PIPE ANCHOR PIPE GUIDE OR SLEEVE		AFF BFP C, CW CO CTE FD FS G GPM H, HW INV. ELEV. NIC RPD S SAN SMPC TP TYP 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
- 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
- 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
- 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
- . THE PLUMBING CONTRACTOR SHALL COORDINATE WITH THE OWNER, CM, AND OR GENERAL CONTRACTOR ANY AND ALL PHASING OF THE 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
- 9. THE PLUMBING CONTRACTOR SHALL ALSO REVIEW THE ARCHITECTURAL INFORMATION AND REQUIREMENTS.
- 10. ALL SERVICE INTERRUPTIONS SHALL BE COORDINATED AND APPROVED WITH THE OWNER IN ADVANCE PRIOR TO COMMENCEMENT OF ANY
- 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 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
- 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
- 7. ALL PIPING, EQUIPMENT OR ACCESSORIES INSTALLED IN PLENUM RATED CEILINGS SHALL BE LISTED AND APPROVED FOR SUCH INSTALLATION.

AFF BFP C, CW CO TE FD FS G GPM H, HWR IW INIC RPD S SAN SMPC TP Y V S VIF W W W W W W W W W W W W W W W W W W W	ABOVE FINISHED FLOOR BACKFLOW PREVENTER DEVICE COLD WATER CLEANOUT CONNECT TO EXISTING FLOOR DRAIN FLOOR SINK GAS GALLONS PER MINUTE HOT WATER 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 STACK VERIFY IN FIELD VENT THRU ROOF WASTE WASTE STACK WALL CLEANOUT WATER HAMMER ARRESTOR	

- 3. NO EQUIPMENT OR DEVICES THAT HAVE BEEN DISCONNECTED AND OR
- RENOVATION THAT THEY ARE REMOVED, WHETHER OR NOT SHOWN.
- CONNECTIONS AS REQUIRED UNTIL NEW SYSTEMS ARE INSTALLED AND OPERATIONAL.
- PLUMBING DEMOLITION WORK IN ORDER TO SATISFY THE CONSTRUCTION
- DEMOLITION DRAWINGS AS PART OF THIS CONTRACT FOR ADDITIONAL

- CONTRACT FOR ADDITIONAL WORK AND OR COORDINATION REQUIRED.
- 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



REVISIONS

DESCRIPTION

PHASE ZERO **DESIGN**

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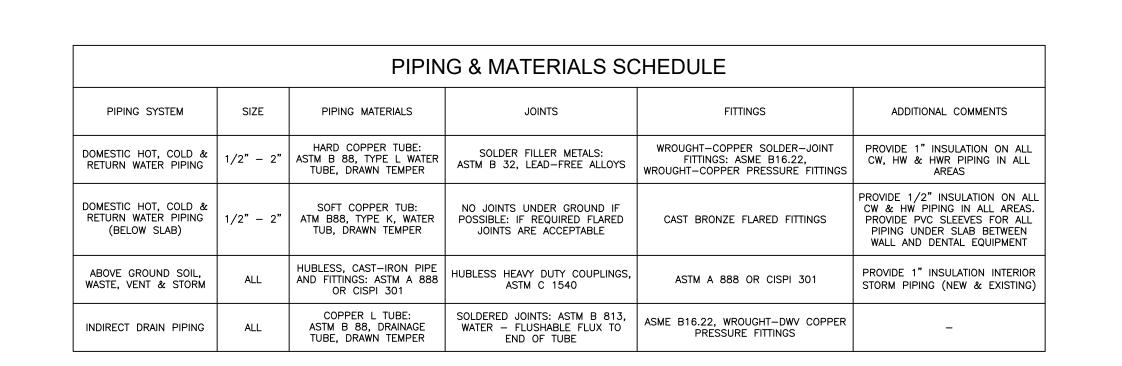
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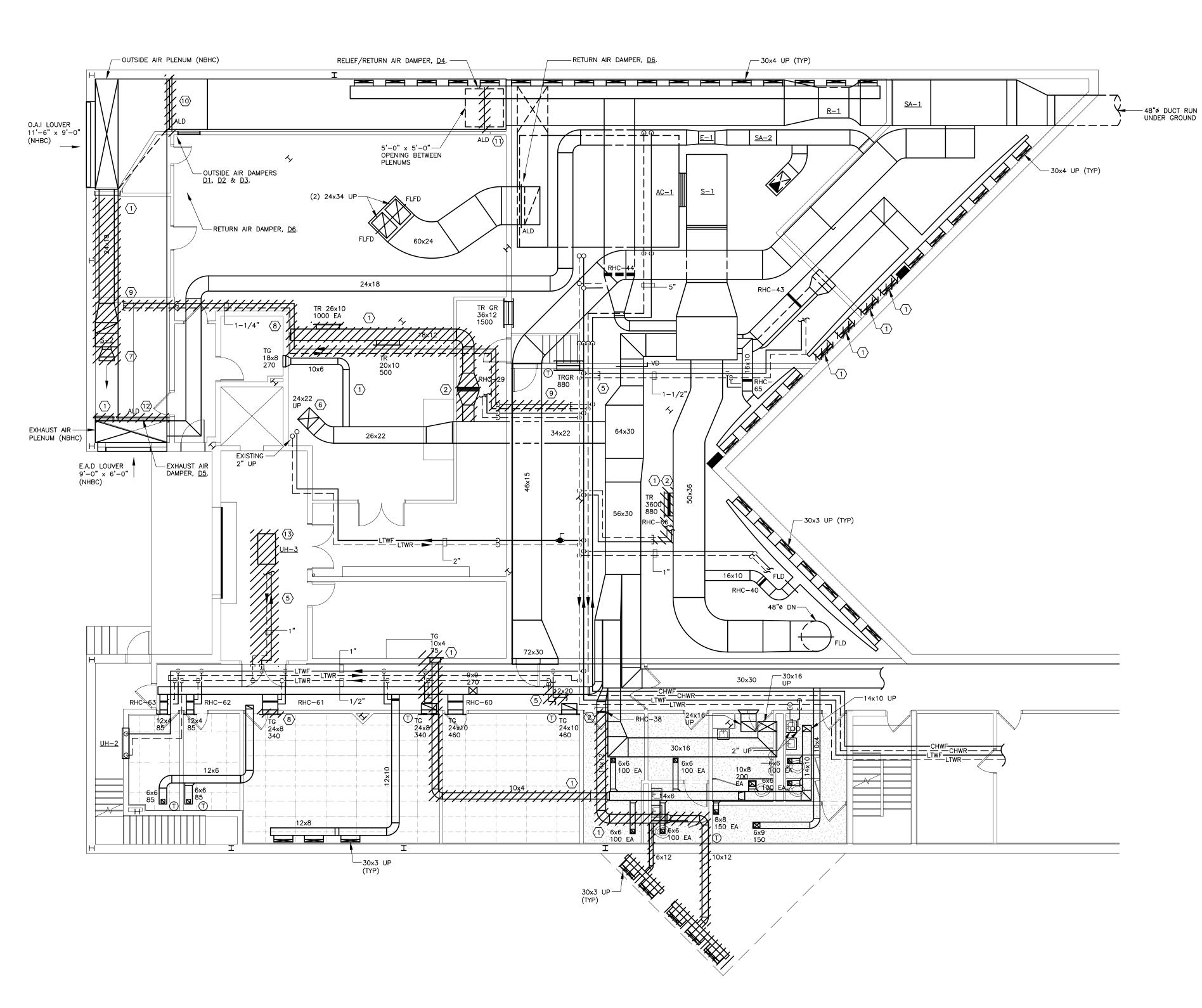
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PLUMBING NOTES, LEGENDS, & SCHEDULES

DRAWING NO.





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.
- 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.
- 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.
- 6 EXISTING DUCT RISER TO BE REMOVED UP TO FIRST FLOOR. SEE DRAWING DM101 FOR CONTINUATION.
- $\overline{\langle 7 \rangle}$ 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.
- 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.
- 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.
- EXISTING UNIT HEATER AND ASSOCIATED ACCESSORIES TO BE REMOVED. REMOVE PIPING BACK TO MAIN AND CAP.



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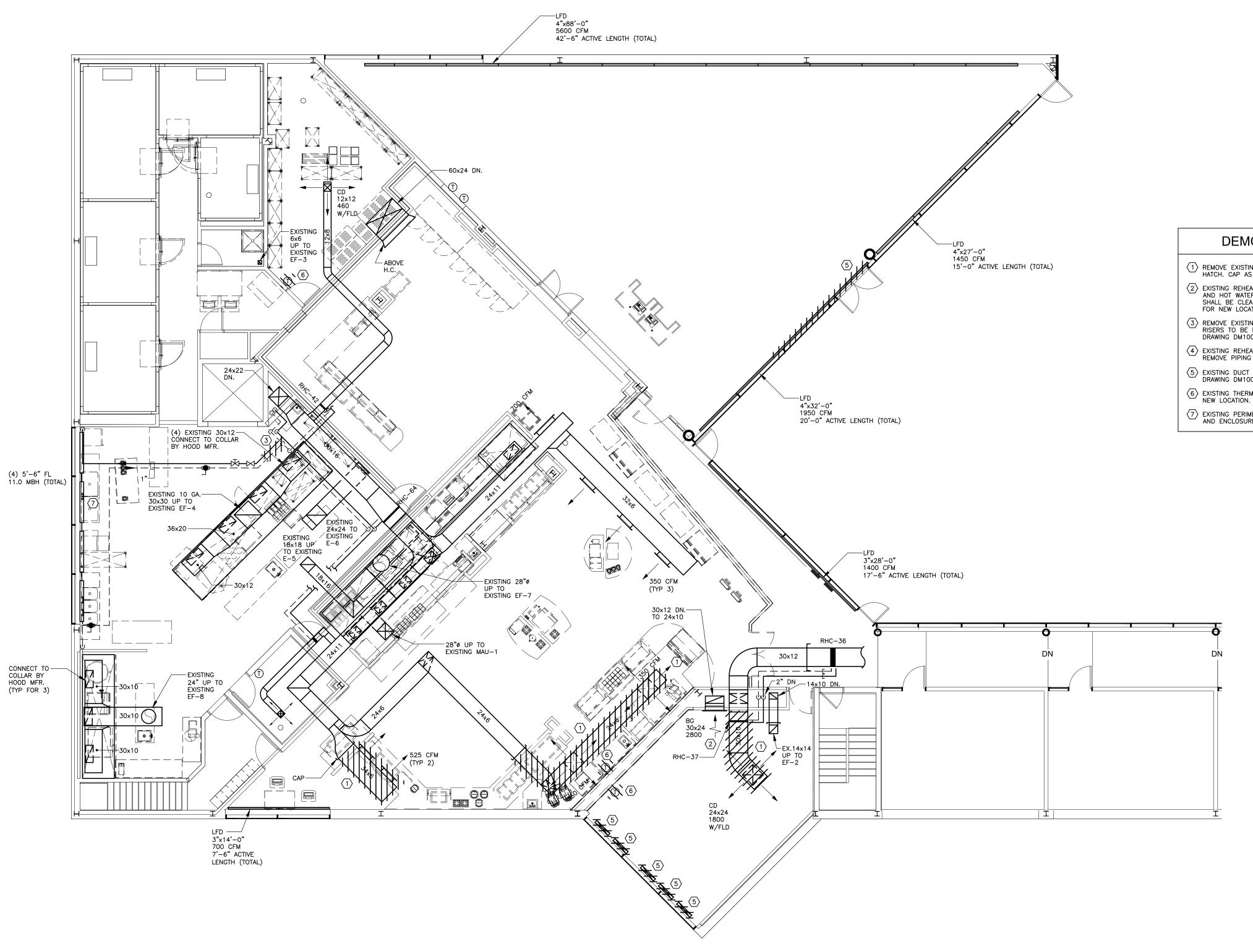
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BASEMENT MECHANICAL DEMOLITION PLAN

DRAWING NO.

DM-100

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





- The remove existing ductwork and ductwork accessories as shown by hatch. Cap as shown.

 (2) Existing reheat coil to be relocated. Disconnect from ductwork
- 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.
- 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.
- EXISTING REHEAT COIL AND ASSOCIATED ACCESSORIES TO BE REMOVED. REMOVE PIPING BACK TO MAIN AND CAP.
- $\langle 5 \rangle$ EXISTING DUCT RISER(S) TO BE REMOVED DOWN TO BASEMENT. SEE DRAWING DM100 FOR CONTINUATION.
- $\fbox{6}$ EXISTING THERMOSTAT TO BE RELOCATED. SEE CONSTRUCTION PLAN FOR NEW LOCATION.
- (7) EXISTING PERIMETER RADIATION TO REMAIN. CLEAN EXISTING FINNED TUBE AND ENCLOSURE. ENCLOSURE TO BE RE-PAINTED. COLOR BY ARCHITECT.

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CAFE ADDITION AND RENOVATION

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FIRST FLOOR
MECHANICAL
DEMOLITION PLAN

DRAWING

DM-101

FIRST FLOOR MECHANICAL DEMOLITION PLAN

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



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BASEMENT MECHANICAL PLAN

DRAWING NO.

M-100

MECHANICAL CONSTRUCTION NOTES

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,

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,

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

(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.

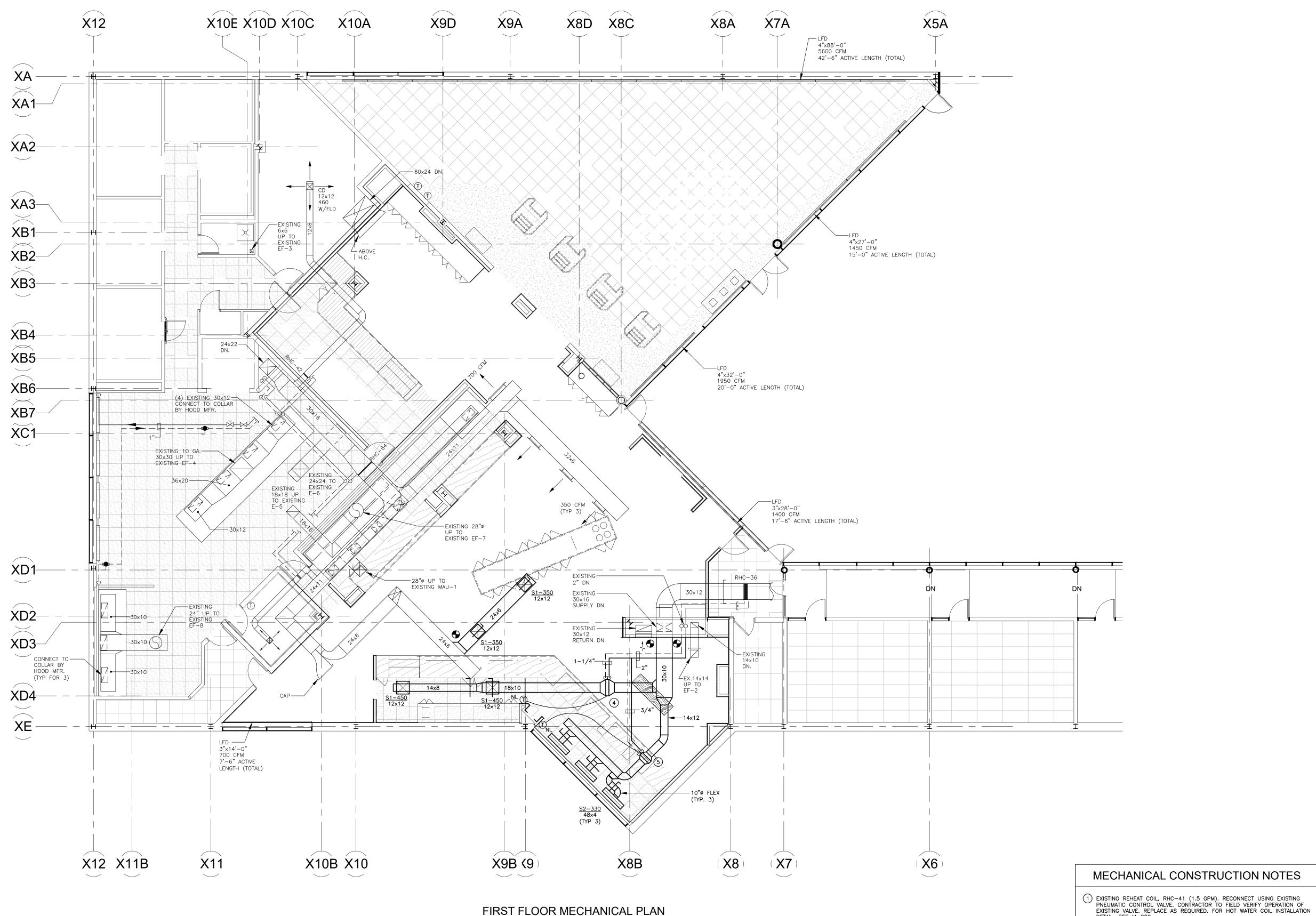
6 NEW RELIEF/RETURN AIR DAMPER, D4, COMPLETE WITH PNEUMATIC ACTUATOR. CONTRACTOR TO COORDINATE WITH EXISTING BUILDING MANAGEMENT SYSTEM.

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.

9 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 PROVIDED AND PR 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.

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



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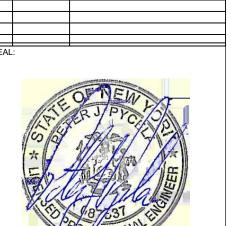
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> FIRST FLOOR **MECHANICAL** PLAN

DRAWING NO.

M-101

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.

4 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

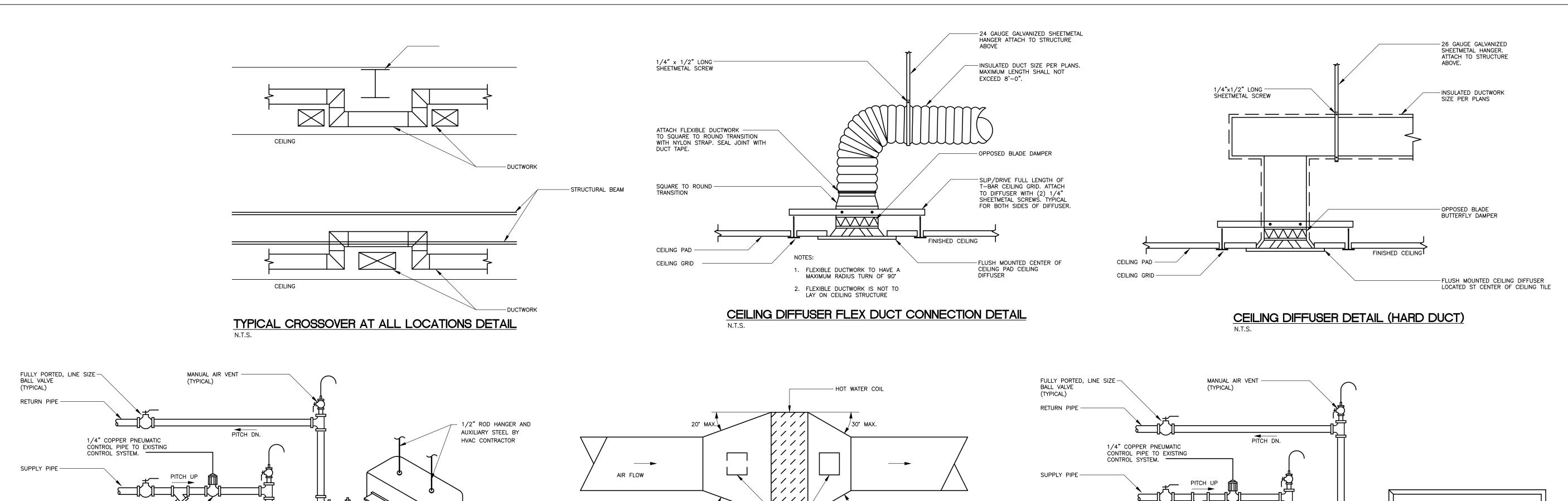
 $\ensuremath{ \mbox{(3)}}$ NEW HOT WATER REHEAT COIL, SEE MECHANICAL SCHEDULES. FOR HOT WATER COIL INSTALLATION DETAIL, SEE M-200.

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

DETAIL, SEE M-200.

PNEUMATIC CONTROL.

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





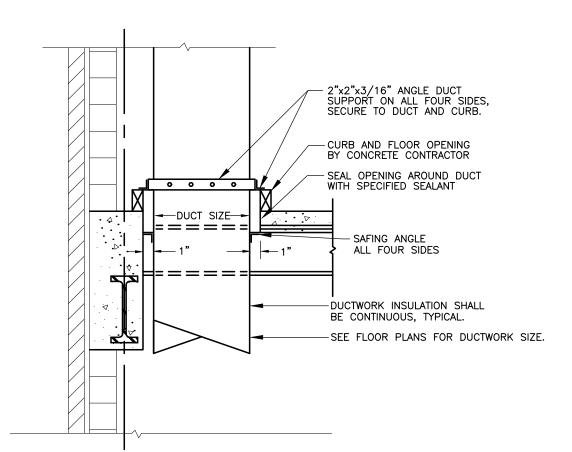
BALL VALVE WITH -BRASS CAP

UNIT HEATER —

STRAINER WITH BRASS CAP

PNEUMATIC CONTROL VALVE

IN DRAIN DISCHARGE

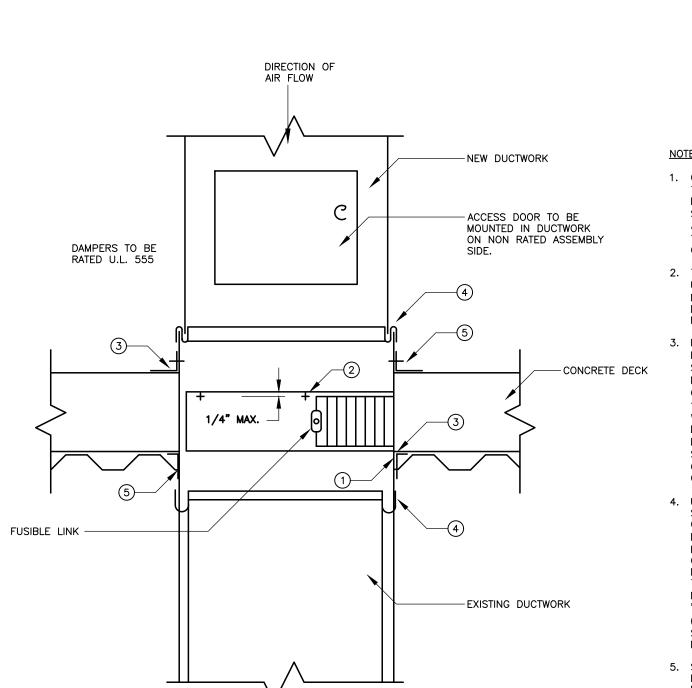


- PROVIDE MINIMUM 12x12 ACCESS DOOR, AS REQUIRED

PLAN OR SIDE VIEW

DUCT TRANSITION WITH EQUIPMENT IN DUCT DETAIL

TYPICAL DUCT PENETRATION THROUGH FLOOR



STRAINER WITH BRASS CAP -IN DRAIN DISCHARGE

PNEUMATIC CONTROL VALVE

BALL VALVE WITH — BRASS CAP

HOT WATER COIL DETAIL

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.

UNION (TYPICAL)

HOT WATER COIL

- 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
- 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



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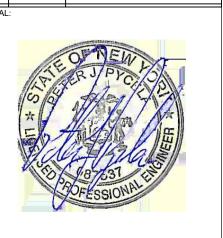
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MOIL RENOVA

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REVISIONS DESCRIPTION



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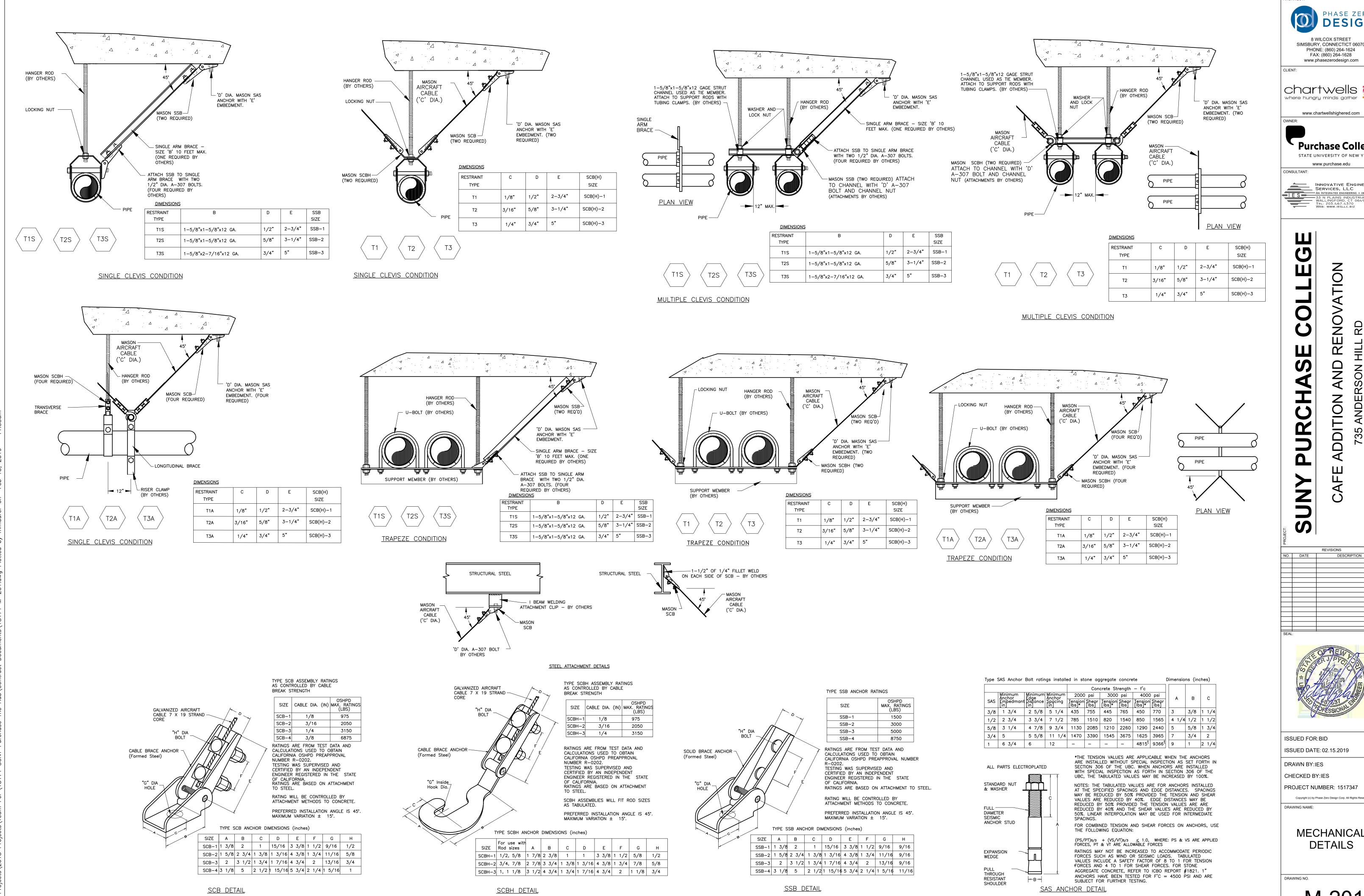
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> **MECHANICAL DETAILS**

DRAWING NO.

M-200



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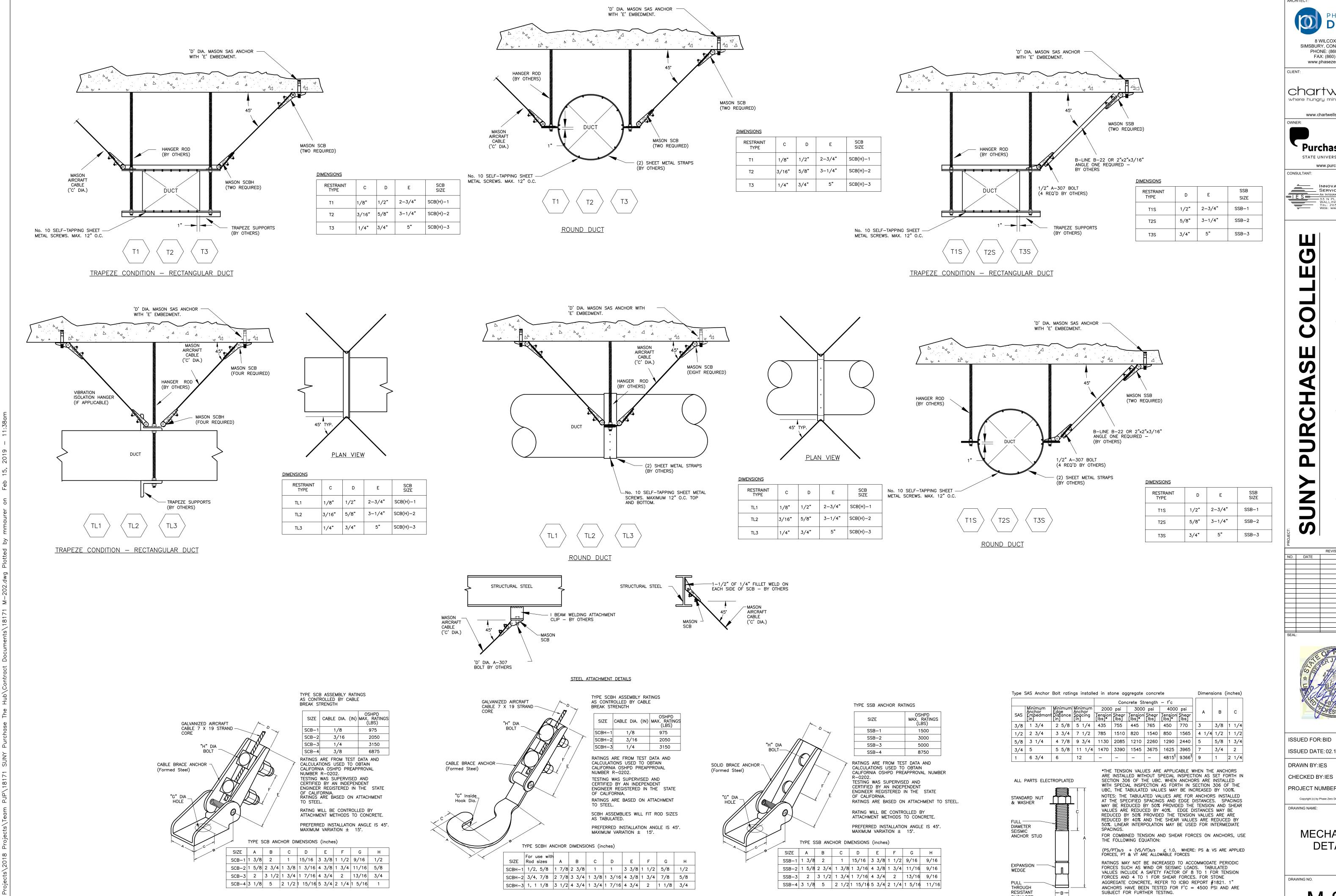
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DETAILS

M-201

735 ANDERSO PURCHASE,



SCBH DETAIL

SCB DETAIL

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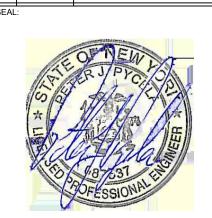
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MECHANICAL DETAILS

SHOULDER

SAS ANCHOR DETAIL

SSB DETAIL

M-202

				ŀ	HOT WA	TER RI	EHEAT	COIL S	CHEDU	LE					
SYMBOL	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

UNIT HEATER TYPES: DM - DUCT MOUNTED

. PROVIDE WITH PNEUMATIC CONTROL VALVE. CONNECT TO EXISTING TEMPERATURE CONTROL SYSTEM. . COIL FACE VELOCITY 650 FPM MAXIMUM.

. 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	I	SPRINKLER ROOM	14,830	1.7	0.83	180	160	450	570	0.1-120-1	1,2,3

H = HORIZONTAL

I. TOTALLY ENCLOSED MOTOR WITH BUILT—IN THERMAL OVERLOAD PROTECTION. INTERMITTENT FAN OPERATION CONTROL VIA THERMOSTAT (60 DEG F, FIELD ADJUSTABLE).

PROVIDE WITH DISCONNECT SWITCH.

	El	ECTRI	C UNIT HEATE	R SCHI	EDULE		
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
LINUT LIEATED TVE	256						

UNIT HEATER TYPES: H – HORIZONTAL

PROVIDE WITH INTERNAL THERMOSTAT. PROVIDE WITH DISCONNECT SWITCH.

				ADD A	ALTERN	IATE #1	- PUMI	P SCHE	DULE				
SYMBOL	MANUFACTURER MODEL NUMBER	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
CHWP-1	BELL & GOSSETT E-90 4x4x9.5B	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

TYPES: IL = IN-LINE PUMP FM = FLOOR MOUNTED

PROVIDE WITH VARIABLE FREQUENCY DRIVE (VFD).

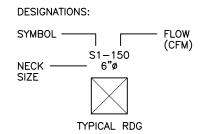
2. PROVIDE WITH DIFFERENTIAL PRESSURE SENSOR.

. PROVIDE WITH STRAINER, CHECK VALVE AND SHUT-OFF VALVES (SEE DETAIL ON M201). 4. PROVIDE WITH DISCONNECT SWITCH.

	GRILLE,	DIFFU	SER AN	D REGI	STER S	CHEDU	JLE	
SYMBOL	MANUFACTURER	DUTY	TYPE	BORDER		CONSTRUCTION	١	NOTES
SIMBOL	MODEL NUMBER	DOTT	TIPE	TYPE	OBD	FRAME	BLADES	NOTES
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

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

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



SLOT —— S1-150 SLOT —— 1.0"-4 —— QTY. OF

LINEAR SLOT

	ABBREVIATIONS
AFF AHU	ABOVE FINISHED FLOOR AIR HANDLING UNIT
AMB	AMBIENT
AMP	AMPERE (AMP, AMPS)
BAL	BALANCE
BTU	BRITISH THERMAL UNIT
CAP	CAPACITY
CFM	CUBIC FEET PER MINUTE
CHWS CHWR	CHILLED WATER SUPPLY CHILLED WATER RETURN
CLG	COOLING
CU	CONDENSING UNIT
EAT	ENTERING AIR TEMPERATURE
EF	EXHAUST FAN
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
EXH	EXHAUST
°F	DEGREES FAHRENHEIT
FC FD	FLEXIBLE CONNECTION FIRE DAMPER
FPM	FEET PER MINUTE
FT T	FEET
FTR	FIN TUBE RADIATION
GPM	GALLONS PER MINUTE
HWC	HOT WATER COIL
HP	HORSE POWER
HTR	HEATING RETURN (HOT WATER)
HTS	HEATING SUPPLY (HOT WATER)
HTG	HEATING FREQUENCY
Hz IN.	I INCH
IN. WG	INCHES WATER GAUGE
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LWT	LEAVING WATER TEMPERATURE
мвн	BTU PER HOUR (THOUSAND)
N.T.S.	NOT TO SCALE
O.A. OED	OUTSIDE AIR OPEN END DUCT
PD PD	PRESSURE DROP
PH	PHASE
PSI	POUNDS PER SQUARE INCH
RDG	REGISTER DIFFUSER GRILLE
RET	RETURN
RPM	ROTATIONS PER MINUTE
SQ.FT.	SQUARE FEET
SUP	SUPPLY
TYP UH	TYPICAL UNIT HEATER
VD	UNIT HEATER VOLUME DAMPER
VIF	VERIFY IN FIELD
WB	WET BULB
WP	WORKING PRESSURE

MECHANICAL DEMOLITION NOTES

THE MECHANICAL CONTRACTOR SHALL REMOVE ALL MECHANICAL EQUIPMENT, ACCESSORIES, CONTROLS AND ASSOCIATED PIPING AS SHOWN OR INDICATED ON THE DRAWINGS.

2. NO EQUIPMENT OR DEVICES THAT HAVE BEEN DISCONNECTED AND OR

. THE MECHANICAL CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE EXISTING SYSTEMS AND CONDITIONS IN AREAS OF

4. ANY SYSTEMS OR EQUIPMENT TO REMAIN ACTIVE DURING RENOVATION SHALL BE KEPT IN OPERATION BY PROVIDING TEMPORARY CONNECTIONS AS REQUIRED UNTIL NEW SYSTEMS ARE INSTALLED AND 5. THE MECHANICAL 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 MECHANICAL 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 MECHANICAL CONTRACTOR SHALL ALSO REVIEW THE ARCHITECTURAL DEMOLITION DRAWINGS AS PART OF THIS CONTRACT FOR ADDITIONAL INFORMATION AND REQUIREMENTS. 8. ALL SERVICE INTERRUPTIONS SHALL BE COORDINATED AND APPROVED

WITH THE OWNER IN ADVANCE PRIOR TO COMMENCEMENT OF ANY

9. THE MECHANICAL CONTRACTOR SHALL COORDINATE HIS DEMOLITION WORK WITH THAT OF OTHER TRADES IN ORDER TO AVOID CONFLICTS.

MECHANICAL GENERAL NOTES

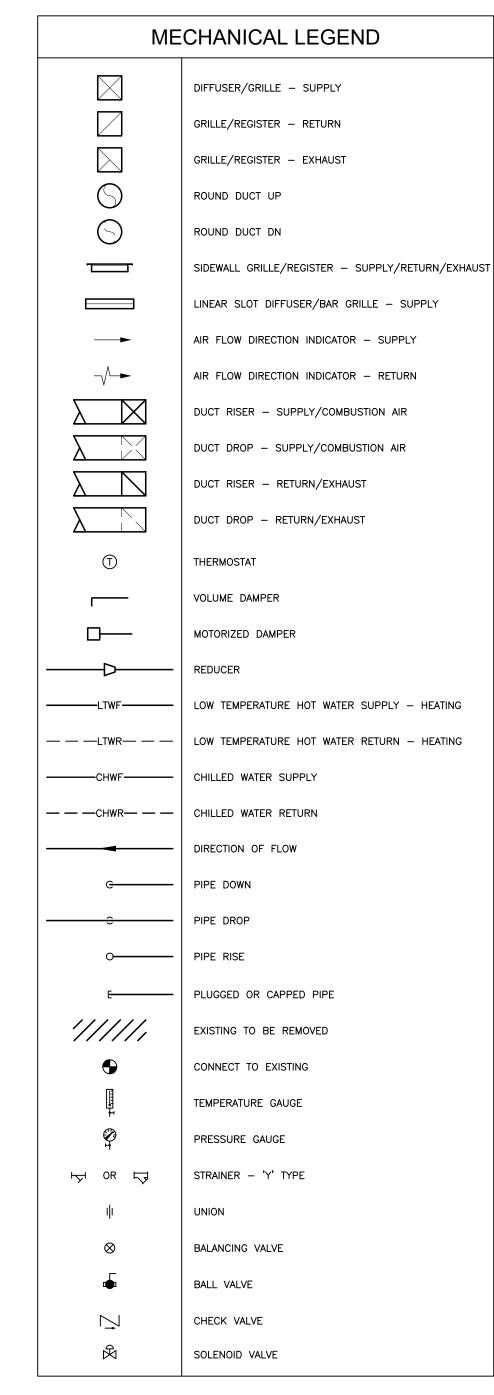
1. THESE GENERAL NOTES ARE APPLICABLE TO ALL MECHANICAL DRAWINGS. 2. DRAWINGS ARE DIAGRAMMATIC AND SHOW GENERAL INTENT OF WORK. SEE DETAILS, SCHEDULES AND SPECIFICATIONS FOR ADDITIONAL

3. MECHANICAL 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 PREFERRED HVAC CONTROLS VENDOR SHALL BE "SIEMENS".

PRE-CONSTRUCTION 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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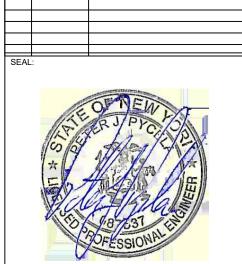
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CONSULTANT:

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735 ANDERSC PURCHASE,



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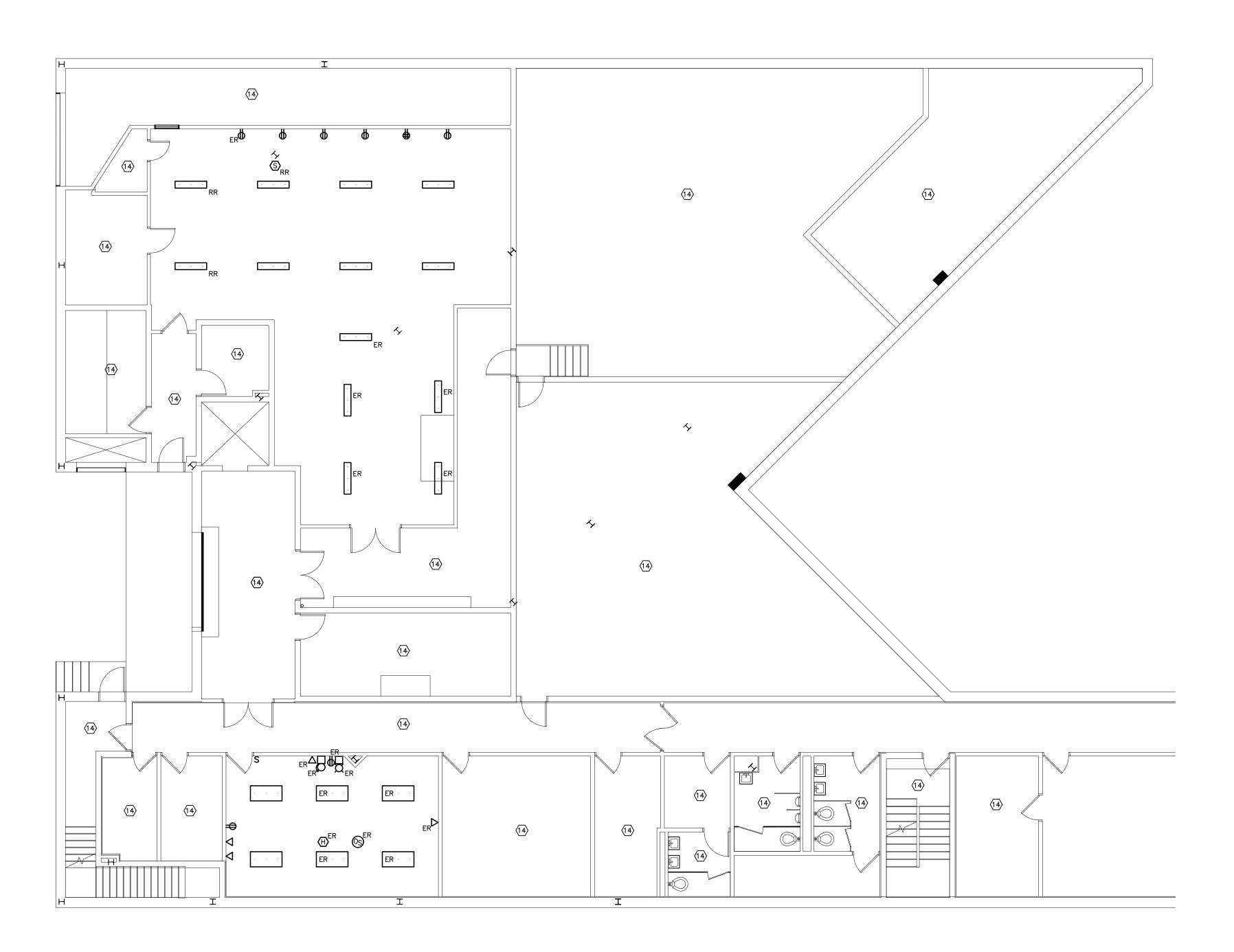
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MECHANICAL NOTES, LEGENDS, & SCHEDULES

DRAWING NO.

DRAWING NAME:

M-203



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
- (7) 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.
- REMOVE WIRING, RACEWAY FROM MAU-1 AND 400A DISCONNECT SWITCH BACK TO SOURCE.
- 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
- RELOCATE WITH ASCO LIGHTING CONTRACTOR (LC) TO NEW PANELBOARD.
- (14) EXISTING AREA TO REMAIN.
- (16) REMOVE WAP, RACEWAY AND CABLING. RETURN WAP TO COLLEGE IT.
- IN CORRIDOR AS REQUIRED TO ACCOMMODATE WORK.
- REMOVE EXISTING LIGHT FIXTURES 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.
- 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

- I. 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.
- FAMILIAR WITH THE EXISTING SYSTEMS AND CONDITIONS IN AREAS OF RENOVATION.
- 3. NO EQUIPMENT OR DEVICES THAT HAVE BEEN DISCONNECTED AND ABANDONED SHALL REMAIN.
- 5. THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE
- 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.
- 8. 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

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NOVA

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DDITION

ON HILL , NY 1057

735 ANDERSC PURCHASE,

400A FUSED DISCONNECT SWITCH, WIRING AND RACEWAY BACK TO REMAIN FOR REUSE.

(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.

- 15) REMOVE CAMERA, RACEWAY AND CABLING. RETURN CAMERA TO CHARTWELLS,
- 17) REMOVE SPEAKER, RACEWAY AND CABLING. RETURN SPEAKER TO COLLEGE,
- (18) REMOVE AND RELOCATE IN PLACE CEILING MOUNTED LIGHTING AND DEVICES
- 19) REMOVE LOAD CENTER (12 BRANCH CIRCUITS), WIRING AND RACEWAY BACK
- 2. THE ELECTRICAL CONTRACTOR SHALL VISIT THE SITE AND BECOME
- 4. ANY SYSTEMS OR EQUIPMENT TO REMAIN ACTIVE DURING RENOVATION SHALL BE KEPT IN OPERATION BY PROVIDING TEMPORARY CONNECTIONS AS REQUIRED UNTIL NEW SYSTEMS ARE INSTALLED AND OPERATIONAL.
- 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.

REVISIONS

DESCRIPTION

ISSUED FOR:BID ISSUED DATE: 02.15.2019

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DRAWING NAME:

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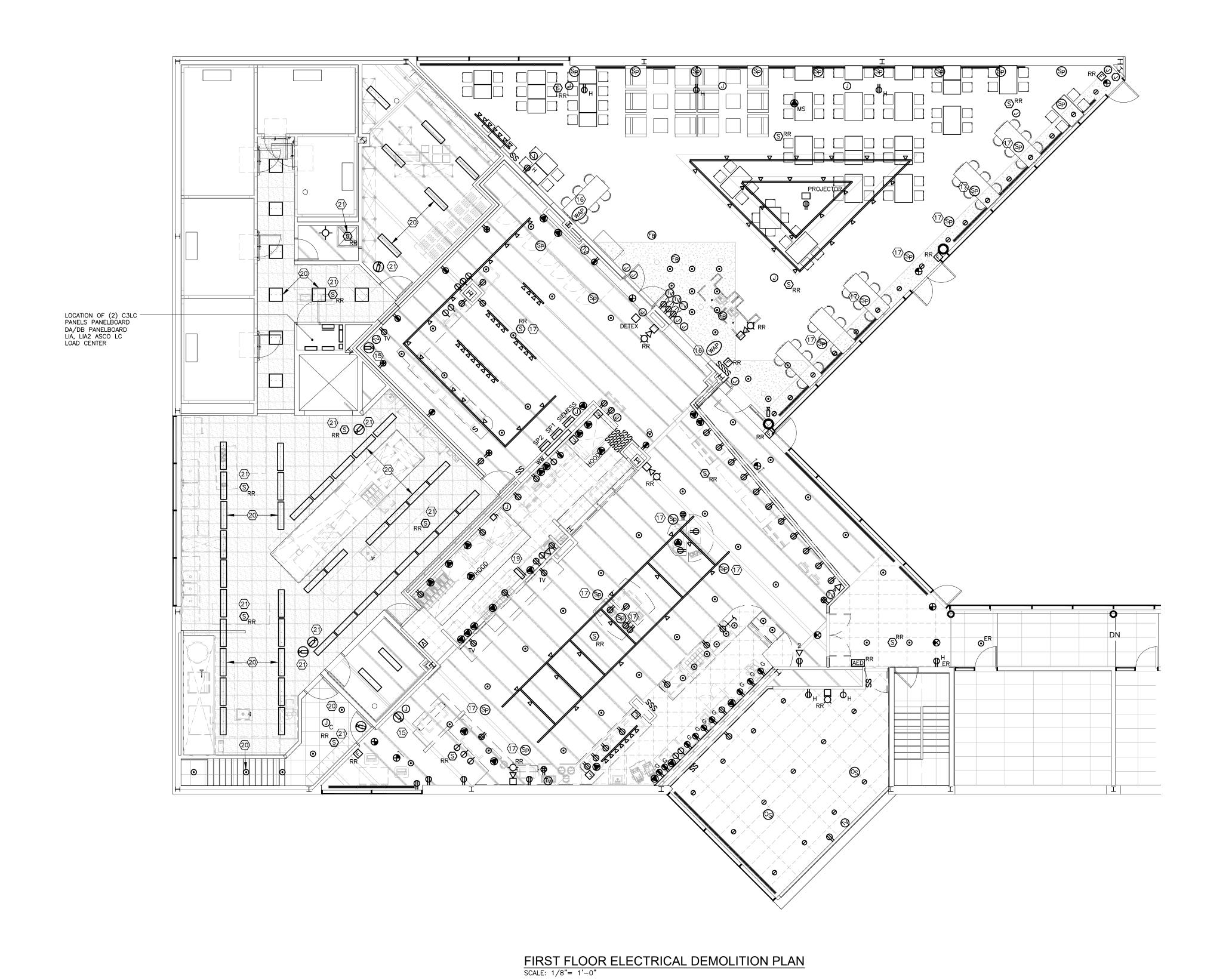
BASEMENT ELECTRICAL

DEMOLITION PLAN

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DRAWING NO.

DE-100



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

GENERAL DEMOLITION NOTES

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- 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
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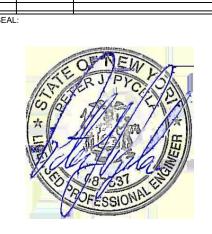
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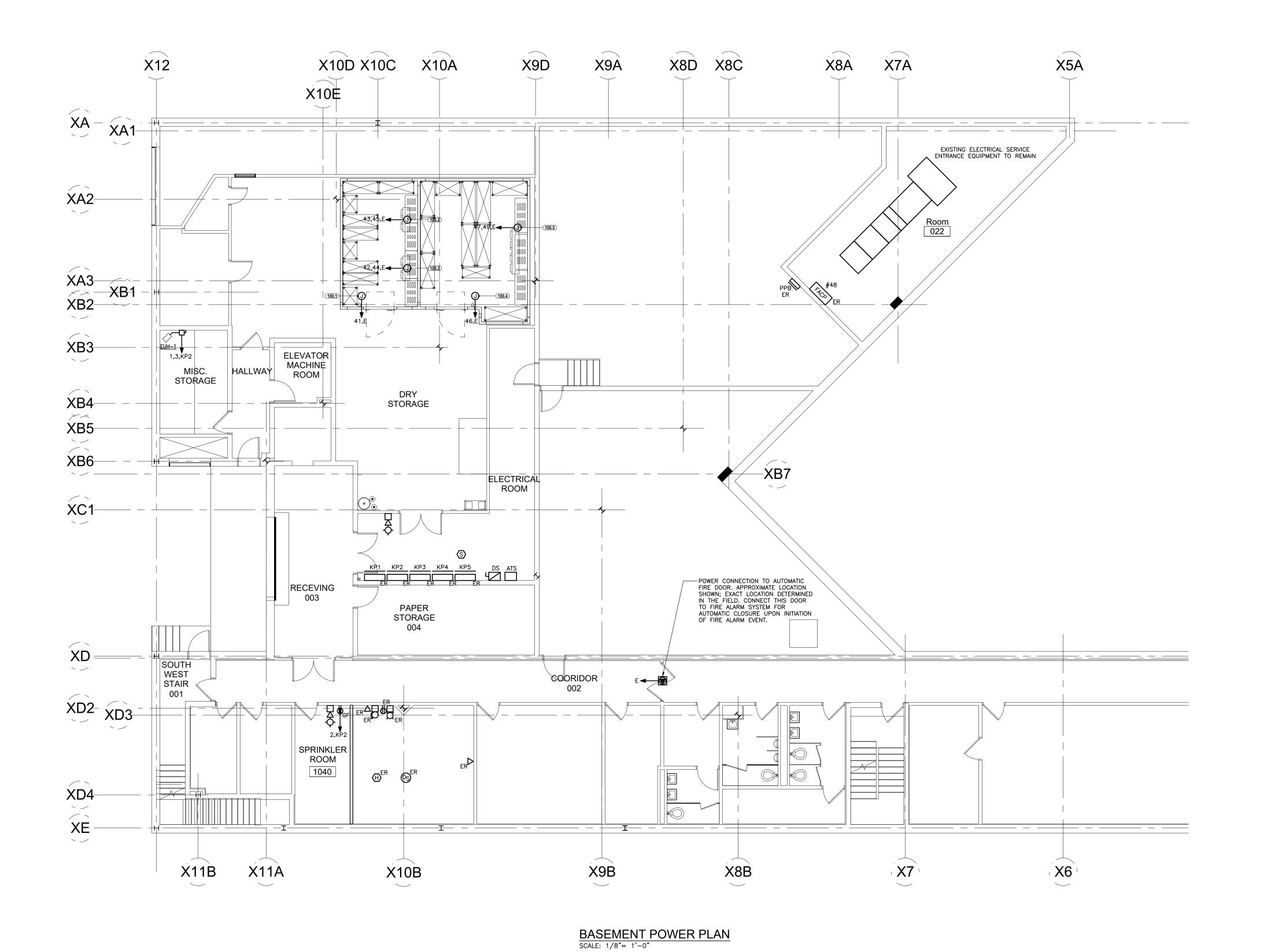
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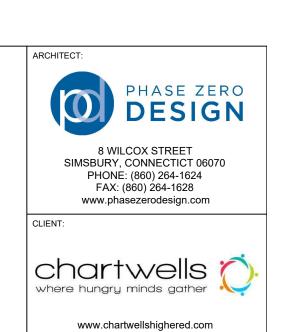
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FIRST FLOOR ELECTRICAL DEMOLITION PLAN

DE-101





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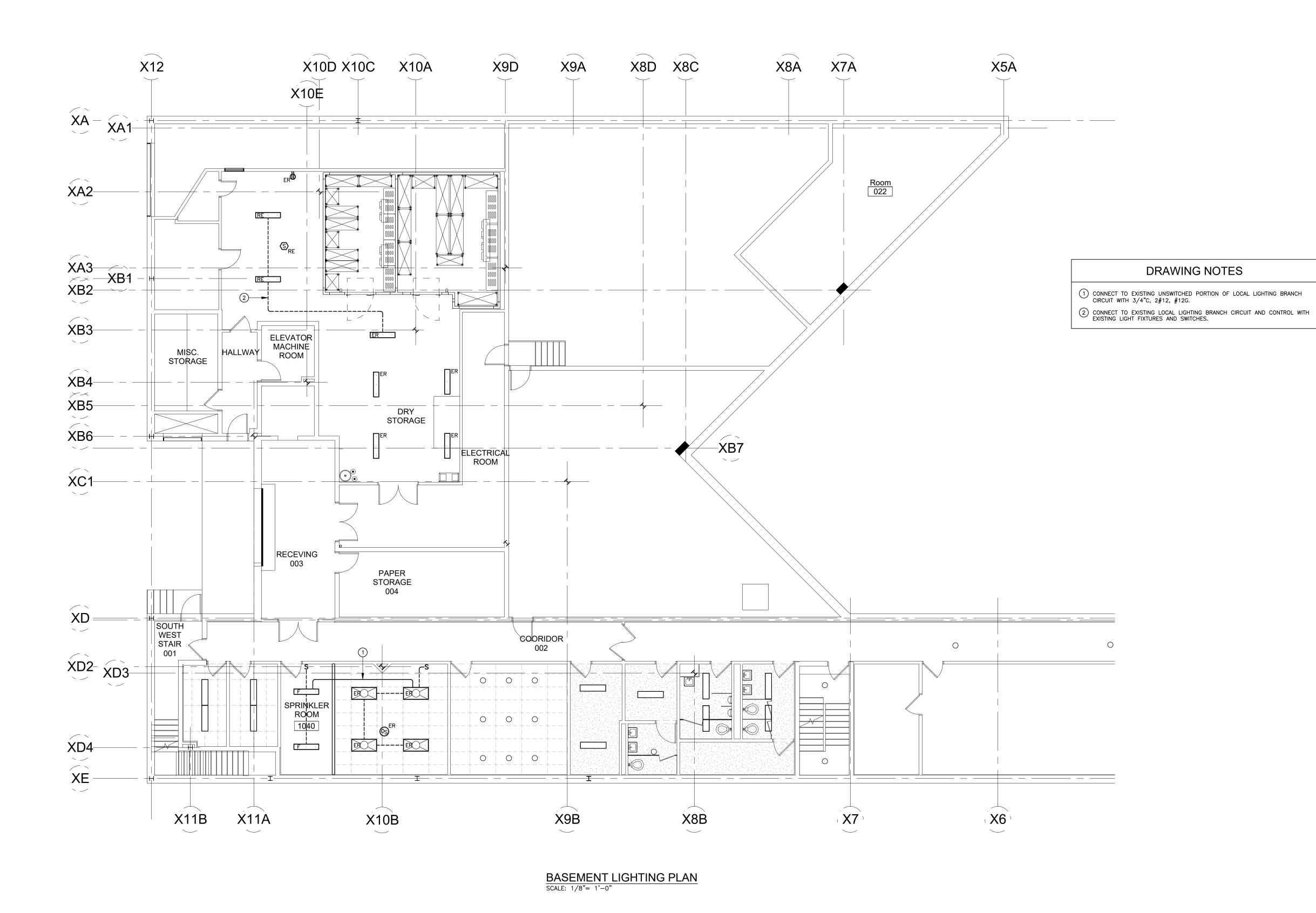


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> **BASEMENT POWER PLAN**





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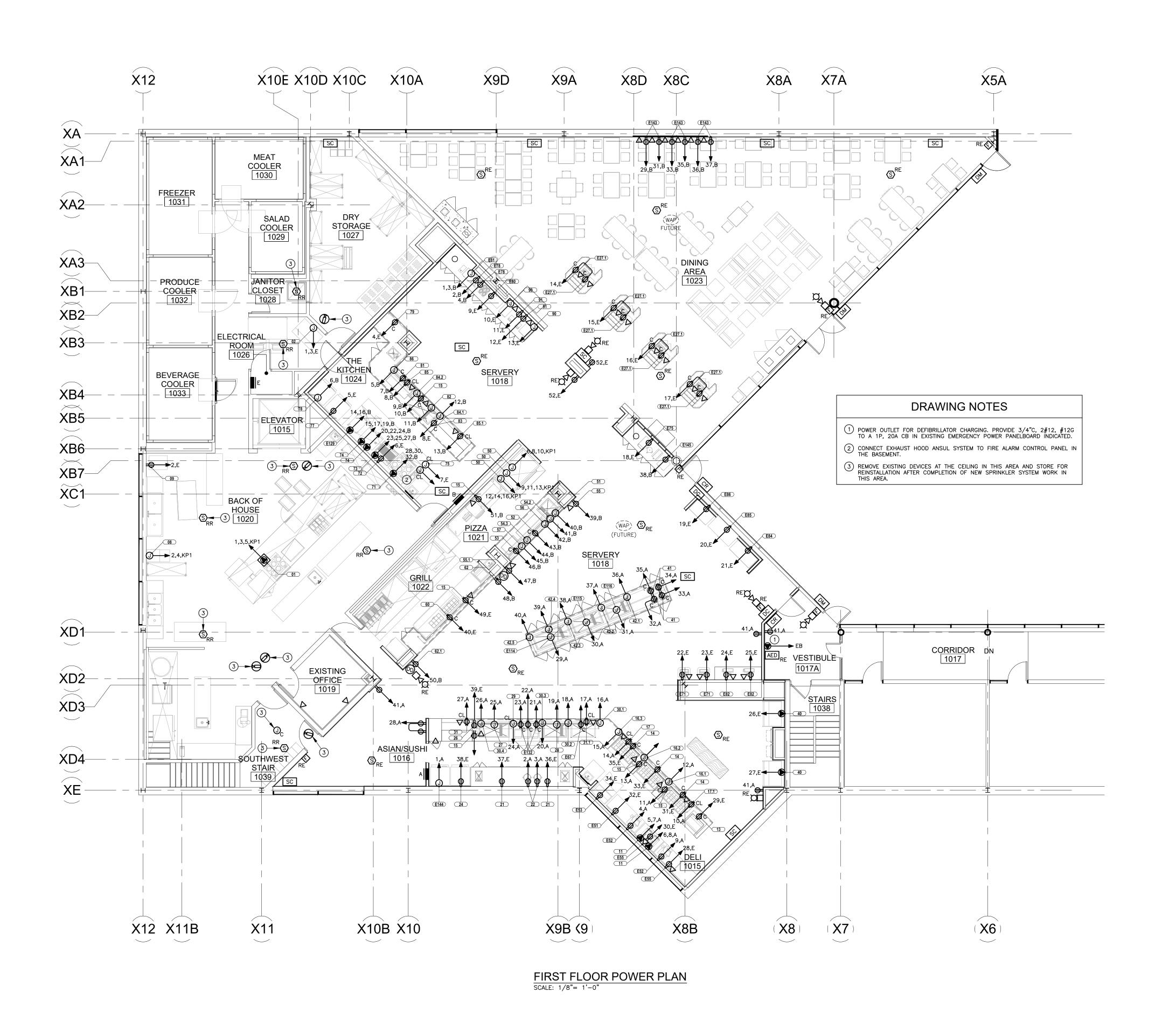
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BASEMENT

LIGHTING PLAN





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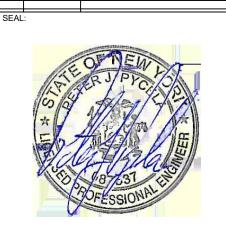
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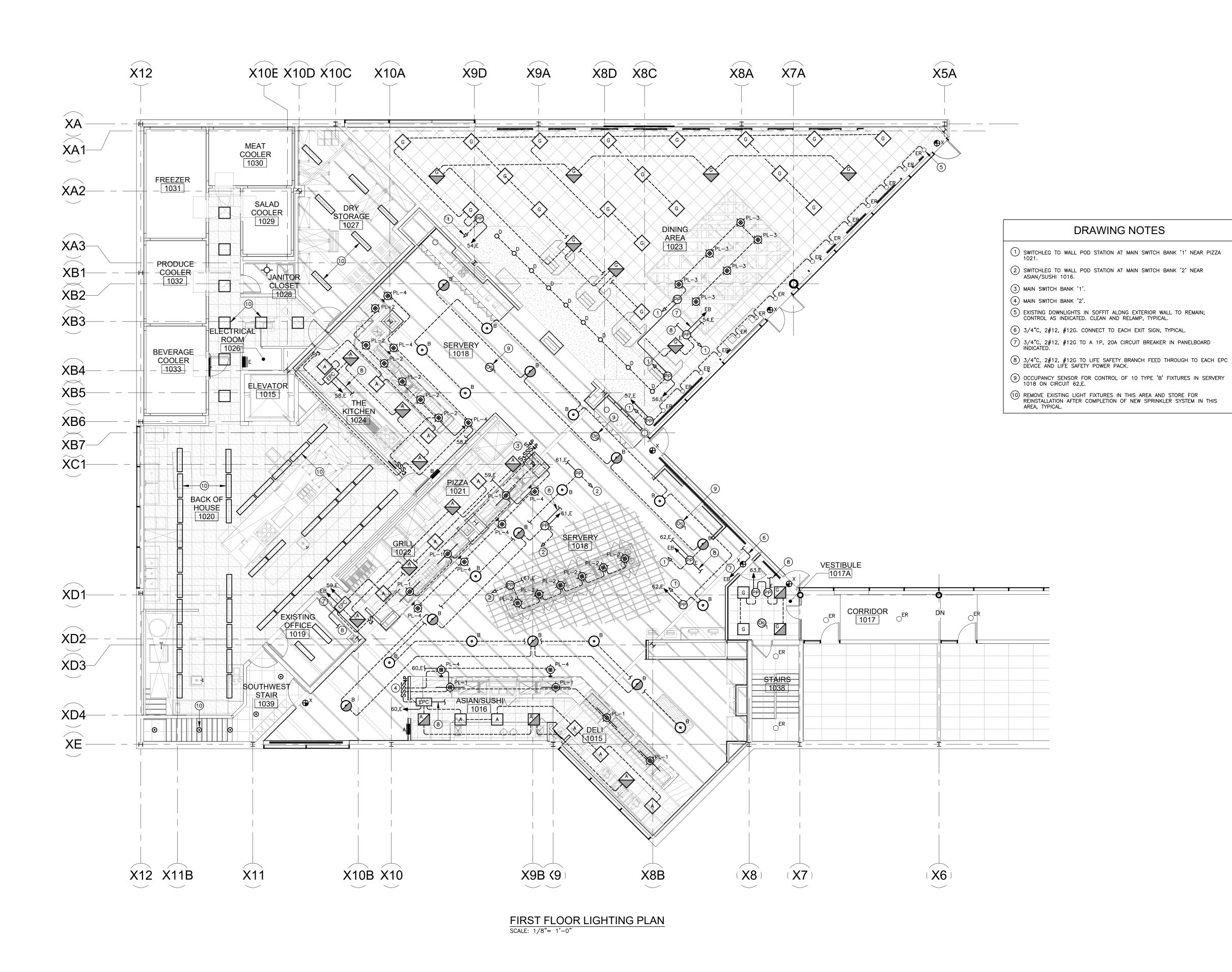


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FIRST FLOOR POWER PLAN





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FIRST FLOOR LIGHTING PLAN

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

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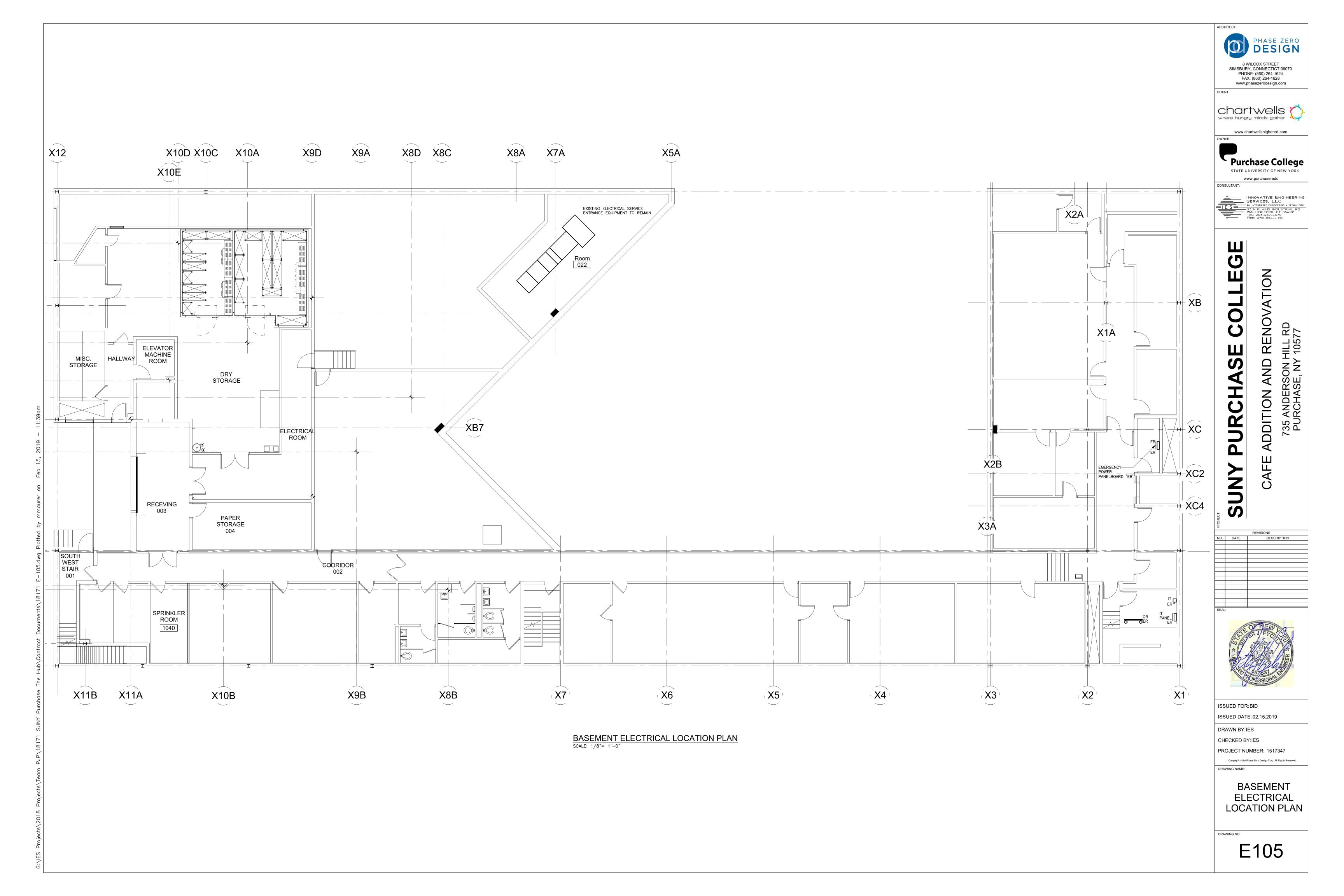
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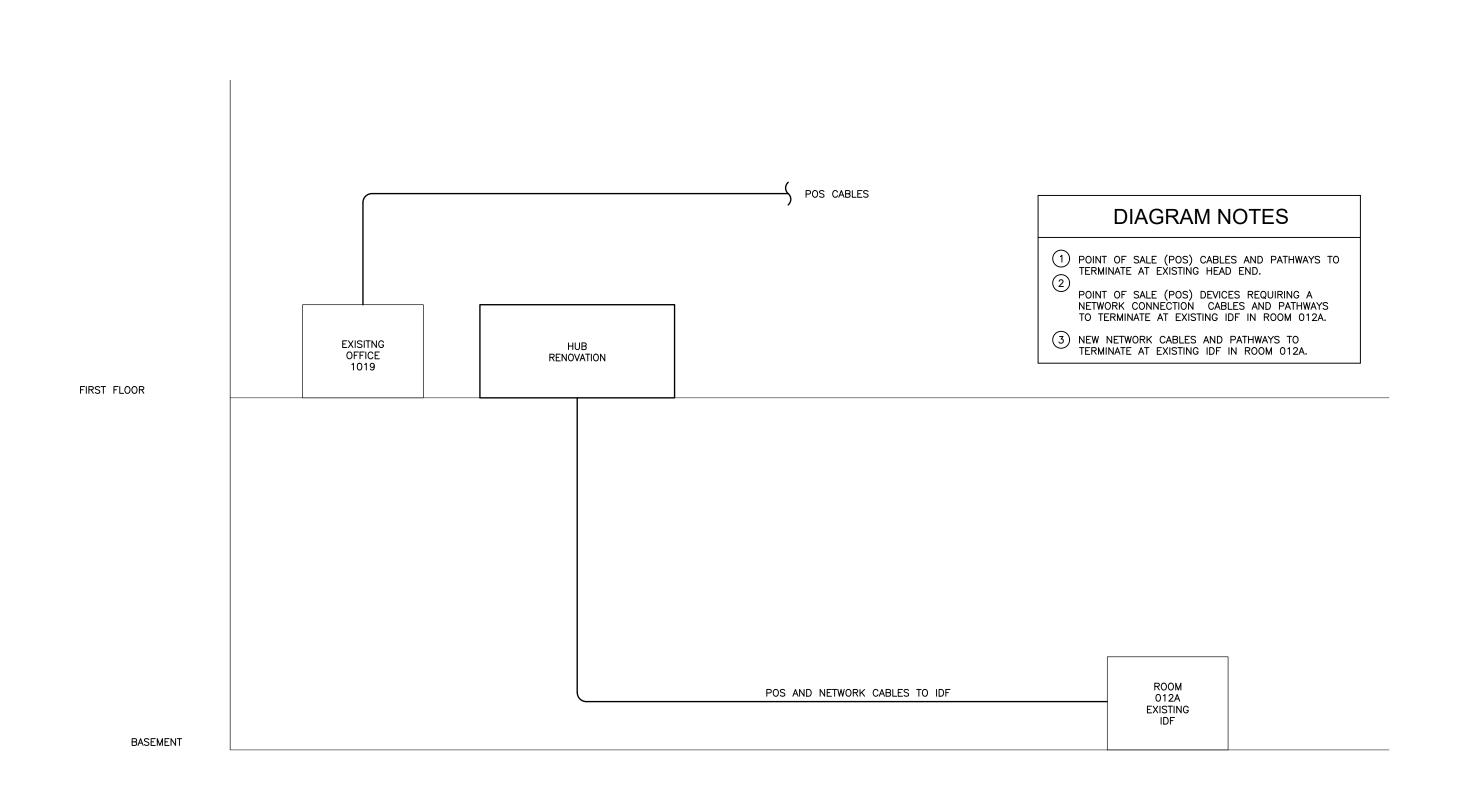
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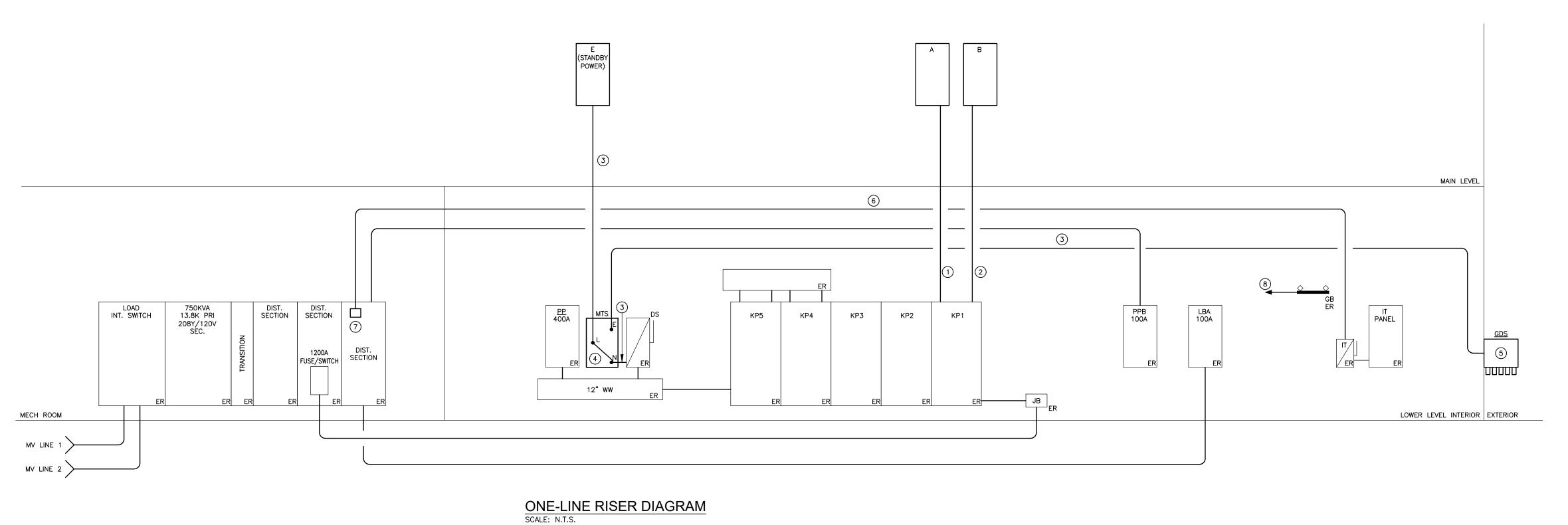
ROOF ELECTRICAL PLAN

DDAWING N





COMMUNICATIONS ONE-LINE 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"C, 4#500KCMIL, #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.

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RENOVATION

35 ANDERSON HILL RD PURCHASE, NY 10577 AND **DDITION**

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> ONE-LINE RISER **DIAGRAMS**

MAI MAI	n bus: N devic	E: MLC	DV, 3 PHASE, 4 WIRES I □ AL 400A MAIN BUS) NG: 42KAIC			Р	ANE	EL E	=			LOCATION: FIRST FLOOR ELEC MOUNTING: ☐ FLUSH ☑ SU TRIM: ☐ SINGLE DOOR	IRFACE		PR
OLIT	CKT.	BKR.											CKT.	BKR.	OUT
CKT. NO.	TRIP AMPS	POLES	DESCRIPTION	WIRE & CONDUIT	KVA	Α	E	В	С	KVA	WIRE & CONDUIT	DESCRIPTION	POLES	TRIP AMPS	CKT. NO.
1	20	2	ITEM NO. 02	REFER TO SCHEUDLE	1.5	•				8.0	REFER TO SCHEDULE	ITEM NO. 09	1	20	2
3	ı	ı	1	_	1.6		•	•		0.8	REFER TO SCHEDULE	ITEM NO. 79	1	20	4
5	20	1	ITEM NO. 77	REFER TO SCHEDULE	1.2				•	0.5	REFER TO SCHEDULE	ITEM NO. 72	1	20	6
7	20	1	ITEM NO. 75	REFER TO SCHEDULE	1.8	•				1.8	REFER TO SCHEDULE	ITEM NO. 83	1	20	8
9	20	1	ITEM NO. E80	REFER TO SCHEDULE	0.3		•	•		1.0	REFER TO SCHEDULE	ITEM NO. 90	1	20	10
11	20	1	ITEM NO. 91	REFER TO SCHEDULE	1.2				•	1.2	REFER TO SCHEDULE	ITEM NO. 91	1	20	12
13	20	1	ITEM NO. 90	REFER TO SCHEDULE	1.0	•				1.8	REFER TO SCHEDULE	ITEM NO. E127, E127.1	1	20	14
15	20	1	ITEM NO. E127, E127.1	REFER TO SCHEDULE	1.8		(•		1.8	REFER TO SCHEDULE	ITEM NO. E127, E127.1	1	20	16
17	20	1	ITEM NO. E127, E127.1	REFER TO SCHEDULE	1.8				•	1.8	REFER TO SCHEDULE	ITEM NO. E75	1	20	18
19	20	1	ITEM NO. E86	REFER TO SCHEDULE	0.7	•				0.7	REFER TO SCHEDULE	ITEM NO. E85	1	20	20
21	20	1	ITEM NO. E84	REFER TO SCHEDULE	1.2		(•		1.8	REFER TO SCHEDULE	ITEM NO. E71	1	20	22
23	20	1	ITEM NO. E71	REFER TO SCHEDULE	1.8				•	1.2	REFER TO SCHEDULE	ITEM NO. E82	1	20	24
25	20	1	ITEM NO. E82	REFER TO SCHEDULE	1.2	•				1.8	REFER TO SCHEDULE	ITEM NO. 40	1	20	26
27	20	1	ITEM NO. 40	REFER TO SCHEDULE	1.8		-	•		0.7	REFER TO SCHEDULE	ITEM NO. E55	1	20	28
29	20	1	ITEM NO. 13	REFER TO SCHEDULE	1.0				•	0.7	REFER TO SCHEDULE	ITEM NO. E55	1	20	30
31	20	1	ITEM NO. 14	REFER TO SCHEDULE	0.8	•				1.0	REFER TO SCHEDULE	ITEM NO. E51	1	20	32
33	20	1	ITEM NO. 14	REFER TO SCHEDULE	0.8			•		1.8	REFER TO SCHEDULE	ITEM NO. E53	1	20	34
35	20	1	ITEM NO. 14	REFER TO SCHEDULE	0.8				•	0.9	REFER TO SCHEDULE	ITEM NO. 21	1	20	36
37	20	1	ITEM NO. 21	REFER TO SCHEDULE	0.9	\rightarrow				1.0	REFER TO SCHEDULE	ITEM NO. 24	1	20	38
39	20	1	ITEM NO. 26	REFER TO SCHEDULE	1.8			•		1.6	REFER TO SCHEDULE	ITEM NO. 60	1	20	40
41	20	1	ITEM NO. 100.1	REFER TO SCHEDULE	0.6					0.2	REFER TO SCHEDULE	ITEM NO. 100.2	2	20	42
43	20	2	ITEM NO.100.2	REFER TO SCHEDULE	0.2					0.2	_	-	+ -	_	44
45		_	_	_	0.2					1.2	REFER TO SCHEDULE	ITEM NO. 100.4	1	20	46
47	20	2	ITEM NO. 100.5	REFER TO SCHEDULE	0.3					1.7	REFER TO SCHEDULE	ITEM NO. 100.3	3	30	48
49	_	_	-	-	0.3	\rightarrow			\dashv	1.7	-	-	+ -	_	50
51	60	3	ITEM NO. 100.6	REFER TO SCHEDULE	4.0	\perp				1.7	_	<u> </u>	+_	_	52
53	_		_	-	4.0					0.8	3/4°C, 2#12, #12G	LIGHTING	1	20	54
55	_		_	_	4.0	\rightarrow				0.4	3/4°C, 2#12, #12G	LIGHTING	1	20	56
57	20	1	LIGHTING	3/4"C, 2#12, #12G	0.4	\perp		<u> </u>		0.5	3/4°C, 2#12, #12G	LIGHTING	1	20	58
59	20	1	LIGHTING	3/4°C, 2#12, #12G	0.4	-+		[0.4	3/4°C, 2#12, #12G	LIGHTING	1	20	60
61	20	1	LIGHTING	3/4°C, 2#12, #12G	1.0	$\overline{}$				0.4	3/4°C, 2#12, #12G	LIGHTING	1	20	62
63	20	1	LIGHTING	3/4°C, 2#12, #12G	0.4	$\overline{}$			+	0.0		_	1	20	64
65	20	1	_		0.4			-	\dashv	0.0	_	_	1	20	66
67	20	1		_	0.0	\dashv				0.0	_	_	1	20	68
	20	1	_	_	0.0	- [\vdash	+	0.0	_	_	1	20	70
69 71	20	1	_	- _	0.0	-+		-	\dashv	0.0	_	_	1		
7.1				TOTALS PER PHASE	0.0	27.7	0.	 7 1	24.2	0.0	-	1 -		20	72
				GRAND TOTAL	7E 0	23.7	Z	7.1	24.2						
				GRAND TOTAL	75.0										

IIAM IIAM	n bus: N devic	E: MLC	OV, 3 PHASE, 4 WIRES I □ AL 400A MAIN BUS O NG: 42KAIC			1 /	NEI	- ^				LOCATION: FIRST FLOOR - MOUNTING: ⊠ FLUSH □ TRIM: □ SINGLE DOO	SURFACE	:-IN-DC	OOF
IINTE			NG: 42KAIC						-			_		BKR.	Т
OKT. NO.	TRIP AMPS	BKR. POLES	DESCRIPTION	WIRE & CONDUIT	KVA	Α	В	(- 1	XVA	WIRE & CONDUIT	DESCRIPTION	POLES	TDID	
1	20	1	ITEM NO. E144	REFER TO SCHEDULE	1.0	•			1	.6	REFER TO SCHEDULE	ITEM NO. 22	1	20	†
3	20	1	ITEM NO. 22	REFER TO SCHEDULE	1.6		•		0).9	REFER TO SCHEDULE	ITEM NO. 52	1	20	7
5	20	2	ITEM NO. 11	REFER TO SCHEDULE	2.7			•	2	2.7	REFER TO SCHEDULE	ITEM NO. 11	2	20	1
7	_	-	-	_	2.7	•			2	2.7	_	-	-	T -	1
9	20	1	ITEM NO. E52	REFER TO SCHEDULE	0.9		•		1.	.2	REFER TO SCHEDULE	ITEM NO. 17.1	1	20	7
11	20	1	ITEM NO. 15	REFER TO SCHEDULE	1.2				0).7	REFER TO SCHEDULE	ITEM NO. 16.1	1	20	7
13	20	1	ITEM NO. 15	REFER TO SCHEDULE	1.2	•			1.	.2	REFER TO SCHEDULE	ITEM NO. 17	1	20	7
15	20	1	ITEM NO. 16.3	REFER TO SCHEDULE	0.7		•		70).7	REFER TO SCHEDULE	ITEM NO. 30.1	1	20	7
17	20	1	ITEM NO. 31.1	REFER TO SCHEDULE	1.2				0).7	REFER TO SCHEDULE	ITEM NO. 30.2	1	20	
19	30	1	ITEM NO. 28	REFER TO SCHEDULE	2.5	•			70).7	REFER TO SCHEDULE	ITEM NO. 30.3	1	20	٦
21	20	1	ITEM NO. E132	REFER TO SCHEDULE	1.9		•		1	.9	REFER TO SCHEDULE	ITEM NO. E132	1	20	_
23	20	1	ITEM NO. E132	REFER TO SCHEDULE	1.9				0).7	REFER TO SCHEDULE	ITEM NO. 29	1	20	_
25	30	1	ITEM NO. 27	REFER TO SCHEDULE	2.5	•			0).7	REFER TO SCHEDULE	ITEM NO. 30.4	1	20	_
27	20	1	ITEM NO. 31	REFER TO SCHEDULE	1.2		—		70).4	REFER TO SCHEDULE	RECEPTACLES - 1016	1	20	_
29	60	1	ITEM NO. E114	REFER TO SCHEDULE	5.0				, 2	2.5	REFER TO SCHEDULE	ITEM NO. E115	1	20	_
31	20	1	ITEM NO. E116	REFER TO SCHEDULE	2.5	•			0	0.8	REFER TO SCHEDULE	ITEM NO. 41	1	20	
33	20	1	ITEM NO. 41	REFER TO SCHEDULE	0.8		—		 0	0.8	REFER TO SCHEDULE	ITEM NO. 41	1	20	_
35	20	1	ITEM NO. 41	REFER TO SCHEDULE	0.8				, 0).7	REFER TO SCHEDULE	ITEM NO. 42.1	1	20	-
37	20	1	ITEM NO. 42.2	REFER TO SCHEDULE	0.7				_).7	REFER TO SCHEDULE	ITEM NO. 42.3	1	20	-
39	20	1	ITEM NO. 42.2	REFER TO SCHEDULE	0.7		-		_).7	REFER TO SCHEDULE	ITEM NO. 42.5	1	20	_
41	20	1	RECEPTACLES - 1018, 1017A	3/4"C, 2#12, #12G	0.6				_	0.0	_	_	1	20	_
43	20	1	-	_	0.0					0.0	_	_	1	20	_
45	20	1	_	_	0.0				_	0.0	_	_	1	20	-
47	20	1	_	_	0.0		\top		_	0.0			1	20	_
49	20	1	_	_	0.0					0.0	_	_	1	20	-
51	20	1	_	_	0.0		\rightarrow			0.0	_	_	1	20	+
53	20	1	_	_	0.0		-		_	0.0	_	_	1	20	-
55	20	1	_	_	0.0				_	0.0	_	_	1	20	-
57	20	1	_	_	0.0		\rightarrow		_	0.0	_	_	1	20	-
59	20	1	_	_	0.0		\dashv		_	0.0	_	_	1	20	-
61	20	1	_	_	0.0		\dashv		_	0.0	_	_	1	20	-
63	20	1	_	_	0.0		\rightarrow		_	0.0	_	-	1	20	-
65	20	1	_	_	0.0		\dashv		_	0.0	_	_	1	20	-
67	20	1	_	_	0.0		\dashv			0.0	_	_	1	20	-
69	20	1	_	_	0.0		\dashv		_	0.0	_	_	1	20	-
71	20	1	_	_	0.0		\dashv		_	0.0	_	_	1	20	-
<i>,</i> ,				TOTALS PER PHASE	- 5.0	21.5	14.4	4 21	_						۷
				GRAND TOTAL	57.3	21.0	L 'T.	' '							

MAI MAI	N BUS: N DEVIC	⊠ CI E: ML	OV, 3 PHASE, 4 WIRES J □ AL 400A MAIN BUS O ING: 42KAIC					_				LOCATION: FIRST FLOOR SEF MOUNTING: ☑ FLUSH ☐ S TRIM: ☐ SINGLE DOOR	SURFACE		OR
KT. NO.	CKT. TRIP AMPS	BKR. POLES	DESCRIPTION	WIRE & CONDUIT	KVA		4	В	С	KVA	WIRE & CONDUIT	DESCRIPTION	CKT.	BKR. TRIP AMPS	CK
1	20	2	ITEM NO. E81	REFER TO SCHEDULE	1.3			-	<u> </u>	1.2	REFER TO SCHEDULE	ITEM NO. E78	1	20	2
3	_	_	_	-	1.3			+		1.2	REFER TO SCHEDULE	ITEM NO. E78	1	20	1 4
5	20	1	ITEM NO. 86	REFER TO SCHEDULE	1.0			+		1.0	REFER TO SCHEDULE	ITEM NO. 78	1	20	1 6
7	20	1	ITEM NO. 81	REFER TO SCHEDULE	1.0			+	- 	1.2	REFER TO SCHEDULE	ITEM NO. 85	1	20	1 8
9	20	1	ITEM NO. 84.2	REFER TO SCHEDULE	0.7			+		0.7	REFER TO SCHEDULE	ITEM NO. 15	1	20	10
11	30	1	ITEM NO. 82	REFER TO SCHEDULE	2.5			+	$\overline{}$	0.7	REFER TO SCHEDULE	ITEM NO. 84.1	1	20	12
13	20	1	ITEM NO. 85.1	REFER TO SCHEDULE	1.2			-	-	3.3	REFER TO SCHEDULE	ITEM NO. E129	2	20	14
15	40	3	ITEM NO. 74	REFER TO SCHEDULE	3.7			+		3.3	_	_		-	10
17	_	_	_	_	3.7			\top		$\stackrel{\sim}{\sim}$	3/4"C, 2#12, #12G	SHUNT TRIP - 120VAC	 		1
19	_	_	_	_	3.7			+		3.7	REFER TO SCHEDULE	ITEM NO. 74	3	40	2
21		_	SHUNT TRIP - 120 VAC	#3/4"C, 2#12, #12G	 			\downarrow		3.7	_	_	 -	 	2
23	60	2	ITEM NO. 73	REFER TO SCHEDULE	5.0					3.7	_	_	 	 _	1 2
25	_	_	_	_	5.0						3/4"C, 2#12, #12G	SHUNT TRIP - 120 VAC	_	$\overline{}$	2
27	$\overline{}$	_	SHUNT TRIP - 120 VAC	3/4"C, 2#12, #12G	\rightarrow			\downarrow		7.8	REFER TO SCHEDULE	ITEM NO. 71	3	100	2
29	20	1	ITEM NO. E143	REFER TO SCHEDULE	0.5				 	7.8	_	1 -	_	† –	3
31	20	1	ITEM NO. E143	REFER TO SCHEDULE	0.5					7.8	_	_	_	† -	3
33	20	1	ITEM NO. E143	REFER TO SCHEDULE	0.5			•		\supset	3/4"C, 2#12, #12G	SHUNT TRIP - 120 VAC	1	\supset	3
35	20	1	ITEM NO. E143	REFER TO SCHEDULE	0.5				•	0.5	REFER TO SCHEDULE	ITEM NO. E143	1	20	3
37	20	1	ITEM NO. E143	REFER TO SCHEDULE	0.5					1.8	REFER TO SCHEDULE	ITEM NO. E145	1	20	3
39	20	1	ITEM NO. 55	REFER TO SCHEDULE	0.5			•		3.0	REFER TO SCHEDULE	ITEM NO. 51	1	35	4
41	20	1	ITEM NO. 54.2	REFER TO SCHEDULE	0.7				•	1.0	REFER TO SCHEDULE	ITEM NO. 56	1	20	4
43	20	1	ITEM NO. 52	REFER TO SCHEDULE	1.0					0.7	REFER TO SCHEDULE	ITEM NO. 54.3	1	20	4
45	20	1	ITEM NO. 57	REFER TO SCHEDULE	0.7			†		0.7	REFER TO SCHEDULE	ITEM NO. 53	1	20	4
47	20	1	ITEM NO. 55.1	REFER TO SCHEDULE	0.5				•	0.5	REFER TO SCHEDULE	ITEM NO. 62	1	20	4
49	20	1	ITEM NO. 15	REFER TO SCHEDULE	0.5	•				0.5	REFER TO SCHEDULE	ITEM NO. 62.1	1	20	5
51	20	1	ITEM NO. 15	REFER TO SCHEDULE	0.5			•		0.4	3/4"C, 2#12, #12G	RECEPTACLES - 1018, 1023	1	20	5
53	20	1	-	-	0.0				•	0.0	-	-	1	20	5
55	20	1	-	-	0.0					0.0	-	-	1	20	5
57	20	1	-	-	0.0			•		0.0	-	-	1	20	5
59	20	1	-	-	0.0				•	0.0	-	-	1	20	6
61	20	1	-	-	0.0	•				0.0	-	-	1	20	6
63	20	1	-	-	0.0			•		0.0	-	-	1	20	6
65	20	1	-	-	0.0				•	0.0	_	-	1	20	6
67	20	1	-	-	0.0					0.0	_	-	1	20	6
69	20	1	-	-	0.0			•		0.0	-	-	1	20	7
71	20	1	-	-	0.0				+	0.0	_	-	1	20	7



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GE

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735 ANDERSON HILL RD
PURCHASE, NY 10577 S E 4 PURCH



ISSUED FOR:BID ISSUED DATE: 02.15.2019

DRAWN BY:IES CHECKED BY:IES

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ELECTRICAL SCHEDULES

	MAI MAI	n bus: N devic	Ø CU E: 100	OV, 3 PHASE, 4 WIRE J □ AL 1200A MAIN BUS DOA MCB NG: FIELD VERIFY				ANEL EXIST				LOCATION: BASEMENT ELECTRI MOUNTING: ☐ FLUSH ☑ SU TRIM: ☑ SINGLE DOOR	RFACE		OR
	CKT. NO.	CKT. TRIP AMPS	BKR. POLES	DESCRIPTION	WIRE & CONDUIT	KVA		Α Ι	3 C	KVA	WIRE & CONDUIT	DESCRIPTION	CKT.	BKR. TRIP AMPS	
	1	100	3	ITEM NO. 01	REFER TO SCHEDULE	7.8	-	—		- 4.0	REFER TO SCHEDULE	ITEM NO. 08	2	50	1
	3	_	-	_	_	7.8	_	ļ ,		- 4.0	_	-	_	† –	
	5	-	-	-	-	7.8	_		•	- 4.7	REFER TO SCHEDULE	ITEM NO. 50	3	50	
l	7	\times	1	SHUNT TRIP 120V	3/4"C, 2#12, #12G	$\overline{}$	1 -	•		- 4.7	-	-	_	-	
\bigcirc	9	50	3	ITEM NO. 50	REFER TO SCHEDULE	4.7	_	-		- 4.7	-	-	_	-	1
	11	-	-	_	-	4.7	_		•	- 4.7	REFER TO SCHEDULE	ITEM NO. 50	3	50	1
	13	-	-	-	-	4.7	_			- 4.7	-	-	-		1
\bigcirc	15	400	3	PANEL A	REFER TO RISER	21.5	_	-		- 4.7	-	-	_		1
	17	-	-	_	-	14.4	_		+	- 1.0	3/4°C, 2#12, #12G	OUTSIDE RECEPTACLES	1	20	1
	19	_	_	-	-	20.8	_	<u> </u>		- 0.2	3/4"C, 2#12, #12G	UH-1	1	20	2
\mathbb{A}	21	400	3	PANEL B	REFER TO RISER	34.9	_	-		- 0.6	3/4°C, 2#12, #12G	RECEPTACLES - ROOF	1	20	2
	23	-	-	-	-	28.3	_		+	- 1.0	3/4°C, 2#12, #12G	FRONT OUTSIDE LIGHTS	1	20	2
	25	-	-	-	-	29.6	_	•		- 1.0	3/4°C, 2#12, #12G	FRONT OUTSIDE LIGHTS	1	20	2
	27	20	1	-	-	0.0	_			- 1.0	3/4°C, 2#12, #12G	FRONT OUTSIDE LIGHTS	1	20	2
	29	20	1	-	-	0.0	_		+	- 1.0	3/4"C, 2#12, #12G	FRONT OUTSIDE LIGHTS	1	20	3
	31	20	1	-	-	0.0	_	•		- 0.0	-	-	1	20	3
	33	20	1	-	-	0.0	_			- 0.0	-	-	1	20	3
	35	20	1	-	-	0.0	<u> </u>		+	- 0.0	-	-	1	20	3
	37	20	1	-	-	0.0	<u> </u>	<u> </u>		- 0.0	-	-	1	20	<u> </u>
	39	20	1	_	-	0.0	_	\vdash		- 0.0	-	-	1	20	4
	41	20	1	_	_	0.0	-		├	- 0.0	_	-	1	20	.

	MAII MAII	N BUS: N DEVIC	CU E: MLC	DV, 3 PHASE, 4 WIRE □ AL 1200A MAIN BUS 				NEL EXISTI					LOCATION: BASEMENT ELECTRICA MOUNTING: FLUSH SURF TRIM: SINGLE DOOR [ACE		PR
	CKT.		BKR.											CKT.		CKT.
	NO.	TRIP AMPS	POLES	DESCRIPTION	WIRE & CONDUIT	KVA	4	\ E	3 (С	KVA	WIRE & CONDUIT	DESCRIPTION	POLES	TRIP AMPS	NO.
$\mathbb{A}^{[}$	1	20	2	EUH-1	3/4°C, 2#12, #12G	1.2	-			E	0.4	3/4°C, 2#12, #12G	RECEPTACLES - SPRINKLER RM	1	20	2
	3	-	_	1	-	1.2	_				0.0	1	-	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				Ы	0.0	_	_	-	-	10
	11	-	-	-	-	0.0	_			-	0.0	-	-	-	-	12
L	13	20	3	_	-	0.0)			0.0	_	-	3	40	14
	15		_	-	-	0.0	_				0.0	-	-	_	-	16
L	17	_	-	-	-	0.0	_			_	0.0	_	-	_	-	18
	19	20	3	-	-	0.0	_	•			0.0	-	_	3	20	20
	21	_	-	-	-	0.0	_				0.0	_	-	-	-	22
	23	_	-	_	-	0.0	_		-		0.0	-	_	-	-	24
	25	20	3	-	-	0.0	1				0.0	_	-	3	20	26
	27	_	-	_	-	0.0	_			L	0.0	-	_	-	-	28
	29	_	-	-	-	0.0	_				0.0	-	-	-	-	30
	31	20	1	-	-	0.0				H	0.0	_	_	3	20	32
	33	20	1	-	-	0.0	_				0.0	-	_	_	-	34
L	35	20	1	-	1	0.0	_			-	0.0	_	_	_	-	36
	37	20	3	-	-	0.0				ᅵ	0.0	-	SPACE	3	-	38
ļ	39	_	-	_	_	0.0				ᅵ	0.0	-	_	_	-	40
ļ	41	-	-	_	_	0.0			-		0.0	-	_	_	-	42
ļ	43	30	1	-	_	0.0	_			ᅵ	0.0	_	_	1	20	44
	45	-	-	_	_	0.0	_				0.0	-	SPACE	1	-	46

PANELBOARD NOTES:

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



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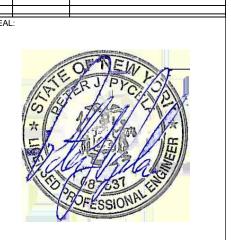
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ADDITION AND RENOVATION 735 ANDERSON HILL RD PURCHASE, NY 10577



ISSUED FOR:BID ISSUED DATE: 02.15.2019

DRAWN BY:IES

CHECKED BY:IES PROJECT NUMBER: 1517347

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ELECTRICAL SCHEDULES

			FOOD SERVI	CE ELE	CTI	RICAL SCH	HEDULE	- FIRST LE	VEL		
ITEM NO	QTY	DESCRIPTION SE36 SERIES ELECTRIC RANGE			HP	VOLTS PHAS	E CYCLE	CONN TYPE	NEMA	ELEC AFF 48"	CONDUIT AND WIRE 1 1/4"C, 3#3, #8G. CORD & PLUG SUITABLE FOR EQUIPMENT PROVIDED BY K.E.C.
02	1	ICE MAKER W/BIN	14.90	21000		208 1	60	DIRECT		48"	3/4"C, 2#12, #12G
08	1	UNDERCOUNTER DISHWASHER REFRIGERATOR, REACH—IN	38.60 6.90			208 1 120 1	60 60	DIRECT CORD & PLUG	5-15P	18" 48"	1"C, 2#6, #10G 3/4"C, 2#12, #12G
11	2	SANDWICH PRESS	26.00			208 1	60	CORD & PLUG	6-30P	36"	3/4°C, 2#10, #10G
13	3	REFRIGERATED SERVICE CASE, SLIDE IN SANDWICH UNIT, REFRIGERATED	9.76	1	/5	120 1 120 1	60 60	CORD & PLUG CORD & PLUG	5-15P 5-15P	18" 18"	3/4"C, 2#12, #12G 3/4"C, 2#12, #12G
15	6	OMS SCREEN	10.00			120 1	60	CORD & PLUG	5-15P	48"	3/4°C, 2#12, #12G
16.1	1 1	SNEEZE GUARD SNEEZE GUARD	5.00			120 1 120 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
16.3	1	SNEEZE GUARD 42" (16:9) LCD SCREEN	5.00			120 1 120 1	60	DIRECT	5-15P	18"	ESTIMATED UTILITIES — VERIFY WITH MANUFACTURER, 3/4"C, 2#12, #12G DATA CONNECTION — ESTIMATED UTILITIES — FIELD VERIFY, 3/4"C, 2#12, #12G
17 17.1	1	42" (16:9) LCD SCREEN	10.00			120 1 120 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
21 22	2	UNDERCOUNTER REFRIGERATOR, GLASS DOOR RICE COOKER, ELECTRIC	7.40 12.90	1	/4	120 1 120 1	60 60	CORD & PLUG	5-15P 5-15P	18" 48"	3/4°C, 2#12, #12G 3/4°C, 2#12, #12G
24	1	REFRIGERATOR, ROLL—IN	9.60			120 1	60	CORD & PLUG	5-15P	80"	3/4°C, 2#12, #12G
26 27	1	REFRIGERATED CASE HOT/COLD PAN, DROP-IN	14.58			120 1 120/208 1	60 60	CORD & PLUG DIRECT	5-15P	18" 18"	3/4"C, 2#12, #12G VERIFY ELECTRICAL REQUIREMENTS, 3/4"C, 2#10, #10G
28	1	HOT/COLD PAN, DROP-IN	21.00			120/208 1	60	DIRECT		18"	VERIFY ELECTRICAL REQUIREMENTS, 3/4"C, 2#10, #10G
29 30.1	1 1	VENTLESS ISLAND EXHAUST HOOD SNEEZE GUARD LIGHT	5.00			208 1 120 1	60	DIRECT DIRECT		144" 18"	3/4"C, 2#12, #12G ESTIMATED UTILITIES — VERIFY WITH MANUFACTURER, 3/4"C, 2#12, #12G
30.2	1	SNEEZE GUARD LIGHT	5.00			120 1	60	DIRECT		18"	ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER, 3/4"C, 2#12, #12G
30.3 30.4	2	SNEEZE GUARD LIGHT SNEEZE GUARD LIGHT	5.00			120 1 120 1	60 60	DIRECT 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
31 31.1	1	42" (16:9) LCD SCREEN 42" (16:9) LCD SCREEN	10.00			120 1 120 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
40	2	REFRIGERATED SELF—SERVE MERCHANDISER	15.00			120 1	60	CORD & PLUG	L14-20	18"	3/4"C, 2#12, #12G
41 42.1	1	SOUP WARMER/RETHERMALIZER SNEEZE GUARD	6.70 5.00			120 1 120 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
42.2	1	SNEEZE GUARD	5.00			120 1	60	DIRECT		18"	ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER, 3/4"C, 2#12, #12G
42.3	1	SNEEZE GUARD SNEEZE GUARD	5.00			120 1 120 1	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
42.5	1	SNEEZE GUARD	5.00			120 1	60	DIRECT		18"	ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER, 3/4"C, 2#12, #12G
50 50	1	TRIPLE DECK PIZZA OVEN - 2ND CONNECTION	39.00 39.00			208 3 208 3	60 60	DIRECT DIRECT		16" 34"	1"C, 3#6, #10G 1"C, 3#6, #10G
50	1	TRIPLE DECK PIZZA OVEN - 3RD CONNECTION	39.00			208 3	60	DIRECT		52"	1"C, 3#6, #10G
51 52	1	HOT/COLD PAN, DROP-IN HEATED SHELF, DROP-IN	25.00 8.30			120 1 120 1	60	DIRECT CORD & PLUG	5-15P	18" 18"	1"C, 2#8, #10G 3/4"C, 2#12, #12G
53 54.1	1	HEATED SHELF, DROP-IN SNEEZE GUARD LIGHT	5.50 5.00			120 1 120 1	60 60	CORD & PLUG DIRECT	5-15P	18"	3/4"C, 2#12, #12G ESTIMATED UTILITIES — VERIFY WITH MANUFACTURER, 3/4"C, 2#12, #12G
54.2	1	SNEEZE GUARD LIGHT	5.00			120 1	60	DIRECT		18"	ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER, 3/4"C, 2#12, #12G
54.3 55	1	SNEEZE GUARD LIGHT 42" (16:9) LCD SCREEN	5.00			120 1 120 1	60	DIRECT CORD & PLUG	5-15P	18" 72"	ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER, 3/4"C, 2#12, #12G DATA CONNECTION - ESTIMATED UTILITIES - FIELD VERIFY, 3/4"C, 2#12, #12G
55.1	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
56 57	1	HEAT LAMP, STRIP TYPE HEAT LAMP, STRIP TYPE		925 575		120 1 120 1	60	DIRECT DIRECT		18" 18"	3/4"C, 2#12, #12G 3/4"C, 2#12, #12G
60	1	SANDWICH TOP REFRIGERATOR	13.00	1	/2	120 1	60	CORD & PLUG	5-15P	0"	3/4"C, 2#12, #12G
62 62.1	1	42" (16:9) LCD SCREEN 42" (16:9) LCD SCREEN	10.00			120 1 120 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
71 72	1	SE36 SERIES ELECTRIC RANGE GRIDDLE STAND, REFRIGERATOR	65.00 3.80	21600		208 3 120 1	60 60	DIRECT CORD & PLUG	5-15P	48"	CORD & PLUG SUITABLE FOR EQUIPMENT PROVIDED BY K.E.C., 1 1/4"C, 3#3, #8G 3/4"C, 2#12, #12G
73	1	STAR-MAX ELECTRIC CHAR-BROILERS		9900		208 1	60	DIRECT		0"	1"C, 3#6, #10G. CORD & PLUG SUITABLE FOR EQUIPMENT PROVIDED BY K.E.C.
74 74	1	OVEN-STEAMER, COMBI ELECTRIC OVEN-STEAMER, COMBI ELECTRIC - 2ND CONNECTION	35.00 35.00			208 3 208 3	60	CORD & PLUG CORD & PLUG	5-15P 5-15P	30" 34"	1"C, 3#6, #10G 1"C, 3#6, #10G
75	1	EXHAUST HOOD	15.00			120 1	60	DIRECT		104"	3/4"C, 2#12, #12G
77 78	1	REFRIGERATOR, ROLL—IN HOT CABINET, ROLL—IN	9.60 7.90			120 1 120/208 1	60	CORD & PLUG DIRECT	5-15P	80" 80"	3/4"C, 2#12, #12G 3/4"C, 2#12, #12G
79 81	1	REFRIGERATOR, UNDERCOUNTER HEATED SELF, DROP-IN	6.30 8.30			120 1	60 60	CORD & PLUG	5-15P	18"	3/4"C, 2#12, #12G 3/4"C, 2#12, #12G
82	1	HOT/COLD PAN, DROP-IN	21.00			120 1 120/208 1	60	CORD & PLUG DIRECT	5-15P	18" 18"	VERIFY ELECTRICAL REQUIREMENTS, 3/4"C, 2#10, #10G
83 84.1	1 2	REFRIGERATOR CASE SNEEZE GUARD LIGHT	15.02 5.00			120 1 120 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
84.2	1	SNEEZE GUARD LIGHT	5.00			120 1	60	DIRECT		18"	ESTIMATED UTILITIES - VERIFY WITH MANUFACTURER, 3/4"C, 2#12, #12G
85 85.1	1	42" (16:9) LCD SCREEN 42" (16:9) LCD SCREEN	10.00			120 1 120 1	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
86	1	HEAT LAMP, STRIP TYPE	0.50	925		120 1	60	DIRECT		18"	3/4°C, 2#12, #12G
90 91	2	ICE MAKER & DISPENSER MULTIBEVERAGE DISPENSER	8.50			120 1 120 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
100.1 100.2	1 2	COOLER LIGHT AND WINDOW HEATER EVAPORATOR COIL, COOLER	5.00 2.00			120 1 208 1	60 60	DIRECT DIRECT		102" 102"	3/4°C, 2#12, #12G 3/4°C, 2#12, #12G
100.2	1	CONDENSING UNIT, COOLER	13.90		1	208 3	60	DIRECT		18"	3/4°C, 3#10, #10G
100.4	1	LIGHT AND DOOR HEAT, FREEZER EVAPORATOR COIL, FREEZER	10.00			120 1 208 1	60 60	DIRECT		102" 120"	3/4"C, 2#12, #12G 3/4"C, 2#12, #12G
100.6	1	CONDENSING UNIT, FREEZER	33.50		/-	208 3	60	DIRECT	_	18"	1"C, 3#6, #10G
E51 E52	2	WORKTOP REFRIGERATOR SLICER	8.50 7.00		/3 /2	120 1 120 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
E53	1	REFRIGERATOR, SANDWICH/SALAD PREP	8.30			120 1	60	CORD & PLUG	5-15P	18"	3/4"C, 2#12, #12G
E55 E71	2	WORKTOP REFRIGERATOR IPAD NUTRITION KIOSK	5.00 15.00			120 1 120 1	60	CORD & PLUG CORD & PLUG	5-15P 5-15P	18" 18"	3/4"C, 2#12, #12G 3/4"C, 2#12, #12G
E75 E78	1	MILD DISPENSER COFFEE GRINDER	9.40	1800		120 1 120 1	60 60	CORD & PLUG	5-15P 5-15P	48"	3/4"C, 2#12, #12G 3/4"C, 2#12, #12G
E80	1	MILK DISPENSER	1.90			120 1	60	CORD & PLUG	5-15P	48"	3/4°C, 2#12, #12G
E81 E82	2	THERMAL COFFEE BREWER, DOUBLE POS, SELF-CHECKOUT	12.00		_	120 1 120 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
E84	1	GLASS DOOR MERCHANDISER REFRIGERATOR	10.20	1173 1	/2	120 1	60	CORD & PLUG	5-15P	18"	3/4°C, 2#12, #12G
E85 E86	1 1	REACH—IN REFRIGERATOR GLASS DOOR MERCHANDISER REFRIGERATOR	5.20 6.80	782 3	/8	120 1 120 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
E114	1	HOT/COLD PAN, DROP-IN	42.00			120/208 1	60	DIRECT		18"	VERIFY ELECTRICAL REQUIREMENTS, 1"C, 2#6, #10G
E115 E116	1	HOT/COLD PAN, DROP-IN HOT/COLD PAN, DROP-IN	21.00 21.00			120/208 1 120/208 1	60 60	DIRECT DIRECT		18" 18"	VERIFY ELECTRICAL REQUIREMENTS, 3/4"C, 2#10, #10G VERIFY ELECTRICAL REQUIREMENTS, 3/4"C, 2#10, #10G
E127 E127.1	4	P.O.S. SCALE	10.00 5.00			120 1 120 1	60 60	CORD & PLUG CORD & PLUG	5-15P 5-15P	18" 48"	3/4"C, 2#12, #12G ESTIMATED UTILITIES — FIELD VERIFY, 3/4"C, 2#12, #12G
E129	1	LOW TEMPERATURE SMOKER OVEN	32.00			208 1	60	CORD & PLUG		60"	K.E.C. TO PROVIDE CORD 7 PLUG, 1"C, 2#8, #10G
E132 E143	6	INDUCTION RANGE, COUTERTOP 47" (16:9) LCD SCREEN	18.00			120 1 120 1	60 60	CORD & PLUG	5-15P 5-15P	18" 72"	3/4"C, 2#10, #10G DATA CONNECTION — ESTIMATED UTILITIES — FIELD VERIFY, 3/4"C, 2#12, #12G
E144	1	HOT CABINET, ROLL-IN	7.90			120/208 1	60	DIRECT		80"	3/4°C, 2#12, #12G
E145	<u> 1</u>	2 HEAD COFFEE CREAM DISPENSER	15.00			120 1	60	CORD & PLUG	5-15P	<u> 18″</u>	3/4"C, 2#12, #12G



chartwells of where hungry minds gather

Purchase College STATE UNIVERSITY OF NEW YORK

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ISSUED FOR:BID ISSUED DATE: 02.15.2019

DRAWN BY:IES CHECKED BY:IES

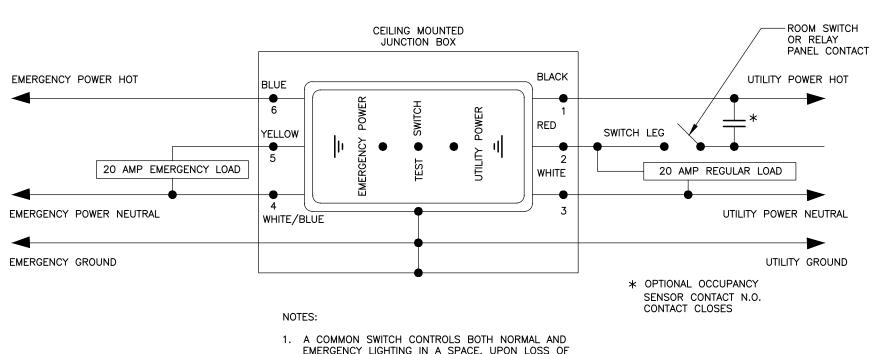
PROJECT NUMBER: 1517347

ELECTRICAL

SCHEDULES

DEVICE MOUNTING DETAIL

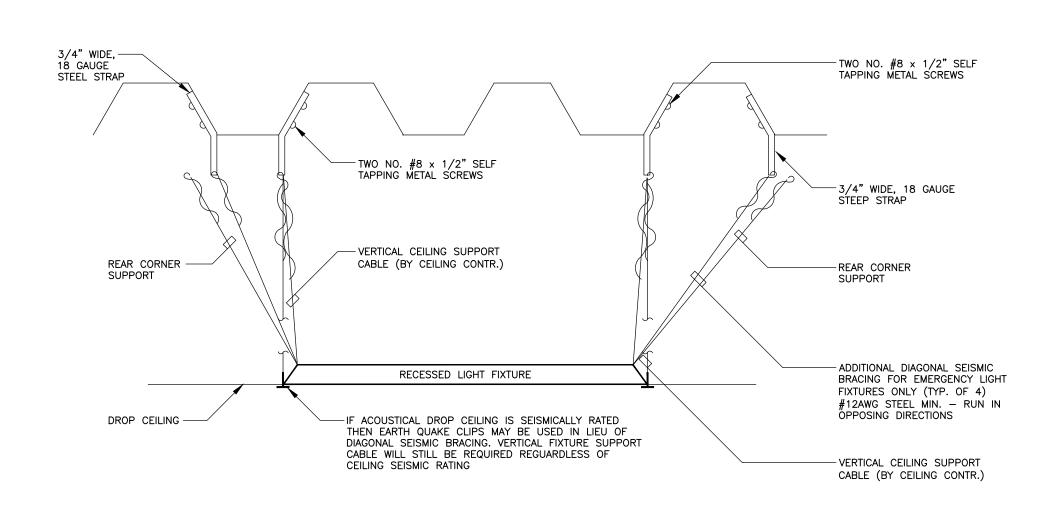
SCALE: N.T.S.



 A COMMON SWITCH CONTROLS BOTH NORMAL AND EMERGENCY LIGHTING IN A SPACE. UPON LOSS OF NORMAL (UTILITY) POWER, THE EMERGENCY LIGHTING COMES ON REGARDLESS OF SWITCH POSITION.

IT IS RECOMMENDED TO NUMBER FIELD WIRING EXACTLY THE SAME WITH NUMBERS PROVIDED.
 INTERCONNECT WITH DIMMING SYSTEM AS REQUIRED.
 PROVIDE RED COLORED IDENTIFICATION NAME PLATE FOR EACH EPC. LOCATE NAME PLATE BELOW DEVICE ON ACOUSTICAL CEILING GRID.

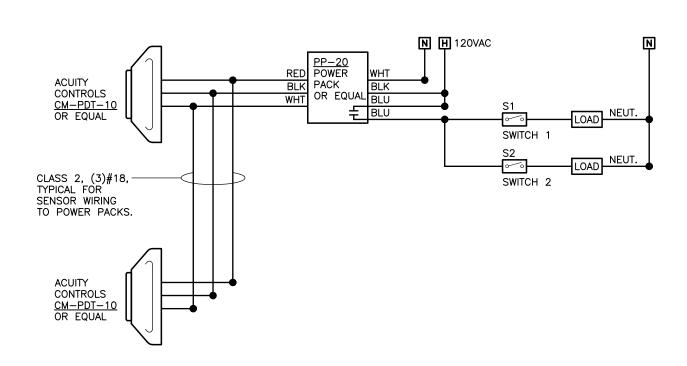
EMERGENCY POWER CONTROL



TYPICAL LIGHTING FIXTURE WIRE HANGER DETAIL SCALE: N.T.S.

NOTES:

IN ADDITION TO TYPICAL BRACING WIRE TO SUPPORT FIXTURES, THE ELECTRICAL CONTRACTOR SHALL PROVIDE FOUR(4) EARTHQUAKE CLIPS PER FIXTURE OR FOUR(4) ADDITIONAL DIAGONAL SEISMIC BRACING WIRES; ONE PER CORNER. SEISMIC BRACING WIRES TO RUN IN OPPOSING DIAGONAL DIRECTIONS.



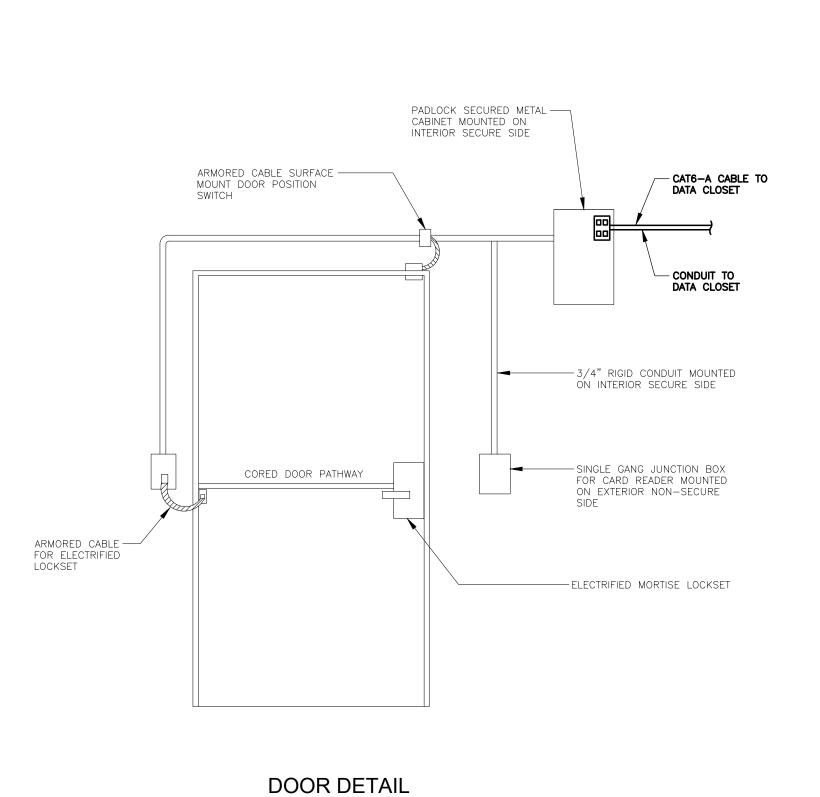
TYPICAL LOW-VOLTAGE SENSOR LIGHTING CONTROL SCHEMATIC SCALE: N.T.S.

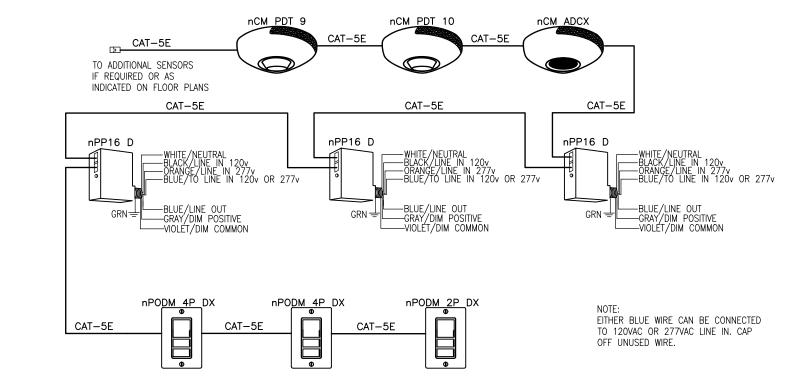
NOTES:

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.



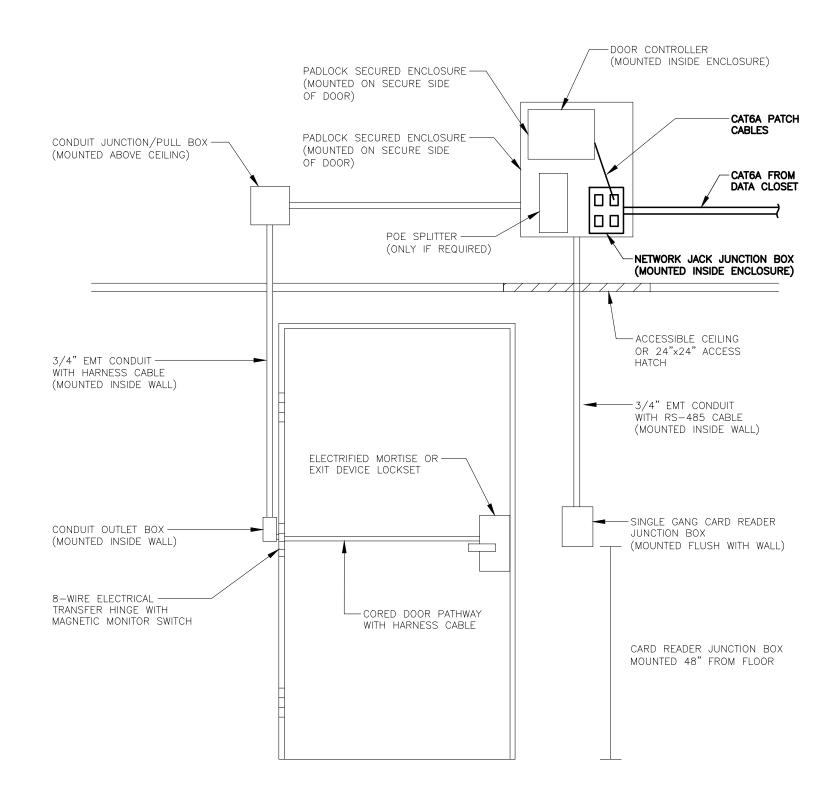


TYPICAL nLIGHT LOW-VOLTAGE MULTI-ZONE DIMMING & DAYLIGHT CONTROL SCALE: N.T.S.

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.



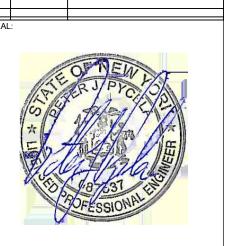
ELECTRONIC ACCESS CONTROL DOOR DETAIL



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REVISIONS
O. DATE DESCRIPTION



ISSUED FOR:BID
ISSUED DATE: 02.15.2019

DRAWN BY:IES

CHECKED BY:IES
PROJECT NUMBER: 1517347

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DRAWING NAME:

ELECTRICAL DETAILS

DRAWING NO.

FURNISH AND INSTALL THE SYSTEM IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, ALL APPLICABLE CODES AND THE MANUFACTURER'S RECOMMENDATIONS. ALL WIRING SHALL BE INSTALLED IN STRICT COMPLIANCE WITH ALL THE PROVISIONS OF NEC - ARTICLE 760 A AND C. POWER-LIMITED FIRE PROTECTIVE SIGNALING CIRCUITS. UPON COMPLETION, THE CONTRACTOR SHALL SO CERTIFY IN WRITING TO THE OWNER AND GENERAL CONTRACTOR.

FIRE ALARM WIRING - CONCEALED FIRE ALARM WIRING ABOVE CEILING AND WITHIN WALLS SHALL BE IN CONDUIT WITH COPPER CONDUCTORS, 600 VOLTS, 105 DEG. INSULATION, COLOR CODED RED. FULLY LISTED AND LABELED BY U.L. FOR

ADDRESSABLE INITIATING CIRCUITS - 2C #16 T/P STROBE CIRCUITS - 2C #12 SPEAKERS - 2C #16 T/S

INITIATION AND NOTIFICATION DEVICE WIRING SHALL BE CONNECTED IN A CLASS 'A' CONFIGURATION.

ALL WIRING SHALL BE INSTALLED IN CONDUIT.

NO SPLICING OF CONDUCTORS IN JUNCTION BOXES OR STAR WIRING ALLOWED. FIRE ALARM CABLING SHALL BE ROUTED FOR DEVICE TO DEVICE UNSPLICED.

ALL JUNCTION BOXES SHALL BE SPRAYED RED AND LABELED 'FIRE ALARM'.

WIRING COLOR CODE SHALL BE MAINTAINED THROUGHOUT THE INSTALLATION. PROVIDE SEPARATE FIRE ALARM HARDWARE AND INITIATION LOOP FOR THE DINING AND SUPPORT AREAS.

PROVIDE FIRE ALARM CONTROL MODULE AND CONNECT TO DOOR ACCESS CONTROL SYSTEM.

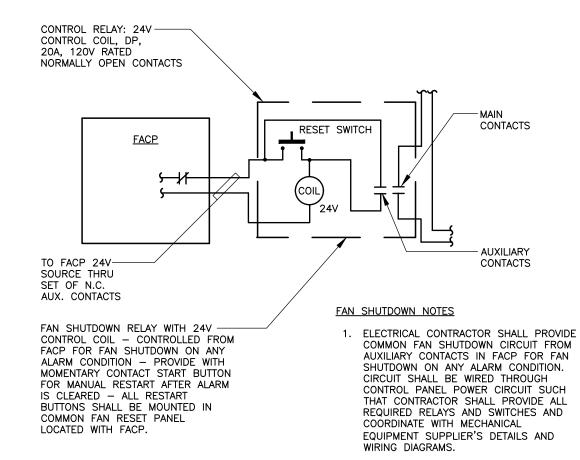
THE CONTRACTOR SHALL CLEAN ALL DIRT AND DEBRIS FROM THE INSIDE AND OUTSIDE OF THE FIRE ALARM EQUIPMENT AFTER COMPLETION OF THE

THE FIRE ALARM MANUFACTURER'S AUTHORIZED REPRESENTATIVE IS:

RED HAWK FIRE AND SECURITY (NICK DELFICO), 914-769-8900.

MONITOR MODULES AND CONTROL MODULES NOT SHOWN ON FLOOR PLANS FOR CLARITY ONLY. CONTRACTOR SHALL PROVIDE ALL REQUIRED MODULES.

THE MANUFACTURER'S AUTHORIZED REPRESENTATIVE SHALL PROVIDE ON-SITE SUPERVISION OF INSTALLATION AND ALL NECESSARY REPROGRAMMING (PROGRAMMING), GRAPHIC SOFTWARE MODIFICATIONS AND VALIDATION OF THE FIRE ÀLARM SYSTEM.



TYPICAL FAN RESET DETAIL

ABOVE DETAIL IS FOR INFORMATION PURPOSES ONLY AND MAY NEED TO BE ADJUSTED TO SUIT FIELD CONDITION.

LIGHTING SPECIFICATIONS LIGHTING FIXTURE TYPE LIGHTING FIXTURE TYPE MANUFACTURER MANUFACTURER .2GTL-2-20L-FW-A19-MVOLT-EZ1-CATALOG NO. CATALOG NO. FIXTURE DESCRIPTION. LAMP & DESIGNATION ..LED 17W, 2000L, 3500K MOUNTING .. MOUNTING. RECESSED GRID LENS/LOUVER. FLUSH ALUMINUM WHITE LENS/LOUVER. ...DOOR FRAME GASKETING LIGHTING FIXTURE TYPE MANUFACTURER ..BFTA CALCO MANUFACTURER CATALOG NO. CATALOG NO. ..LED 57W. 6187L. 3500K LAMP & DESIGNATION VOLTAGE .0-10V DIMMING MOUNTING. STEEL/ALUMINUM MOUNTING .CLEAR PRISMATIC ACRYLIC LENS/LOUVER. LENS/LOUVER. LIGHTING FIXTURE TYPE MANUFACTURER. MANUFACTURER JUNO LIGHTING ..L8-23LM-35-120-G3-90-ZT-P-CS-PF VOLTAGE FIXTURE DESCRIPTION. DIA. RECESSED DOWNLIGHT VOI TAGE LAMP & DESIGNATION MOUNTING MOUNTING LENS/LOUVER ..PRISMATIC LENS, CLEAR SPECULAR, LENS/LOUVER.. REMARKS ..0-10V DIMMING MANUFACTURER. LIGHTING FIXTURE TYPE VOLTAGE MANUFACTURER. LITHONIA LIGHTING FIXTURE DESCRIPTION. EMERGENCY LIGHTING UNIT MOUNTING LAMP & DESIGNATION 1.5W/3.6V LED LENS/LOUVER MOUNTING THERMOPLASTIC, WHITE LENS/LOUVER. .MAINTENANCE-FREE NICKLE CADMIUM REMARKS BATTERY AND CHARGER, 90 MINUTES RUN-TIME, SELF-DIAGNOSTICS; WIRE MANUFACTURER. UNSWITCHED PORTION OF LIGHTING BRANCH CIRCUIT SERVING AREA BEING ILLUMINATED. F · · LIGHTING FIXTURE TYPE MOUNTING LENS/LOUVER. CATALOG NO. ..LW4-4-3800-35K-HTA-SXX-UNI FIXTURE DESCRIPTION ..4' LINEAR LUMINAIRE LAMP & DESIGNATION 32W LED, 3800 LUMENS

LIGHTING FIXTURE TYPE	· G ·	G			
MANUFACTURER		.LITHONIA	LIGHTIN	IG	
CATALOG NO					
FIXTURE DESCRIPTION		.2'X2' VOL	UMETR	IC LUMINA	NRE
VOLTAGE		120			
LAMP & DESIGNATION		.LED 29W,	3300	LUMENS,	3500k
DRIVER		LED		•	
MOUNTING		.RECESSED			
HOUSING					
LENS/LOUVER				CTOR	
REMÁRKS					

FLECTRONIC

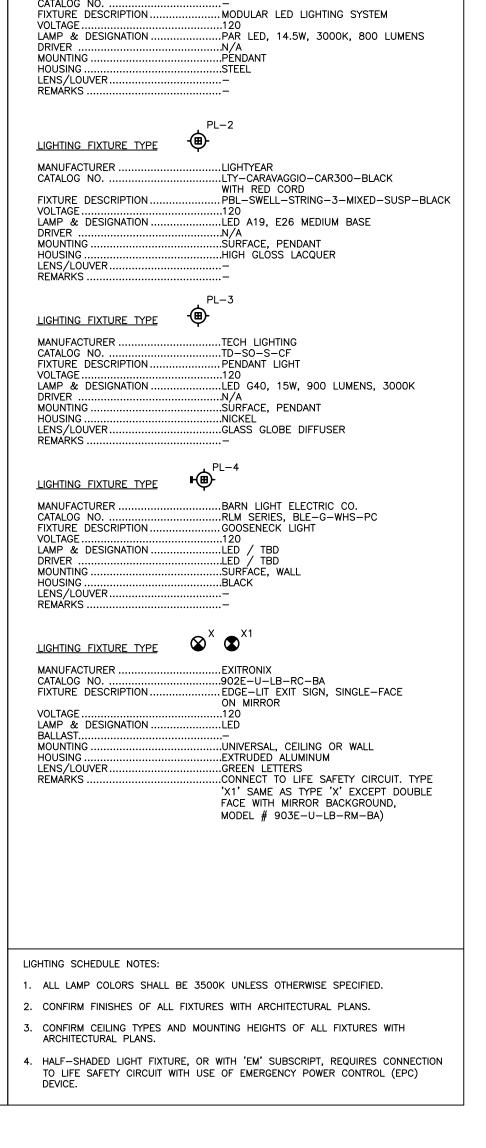
.SURFACE

DRIVER

MOUNTING.

REMARKS

ENS/LOUVER...



.PABLO STUDIO

ARREVIATIONS COMMUNICATIONS NOTES

1 ELECTRICAL CONTRACTOR TO BE FAMILIAR WITH THE SUNY PURCHASE COLLEGE CABLE INSTALLATION SPECIFICATION AND SCOPE VERSION 2.8 ANUARY 14, 2019. ALL CTS REQUIREMENTS FOR INSTALLATION OF PATHWAYS AND SPACES SUPPORTING LOW VOLTAGE CABLING SUPPORTING NETWORK ATTACHED SHALL BE FOLLOWED. OF PARTICULAR NOTE; SEE SECTIONS 3.7) AND 4.20) PATHWAYS AND SPACES.

(2) ANY MODIFICATIONS TO EXISTING PATHWAYS AND SPACES SHALL BE FIELD VERIFIED THAT THEY MEET THE MOST CURRENT CTS SPECIFICATION. ANY DEVIATION SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT TEAM AND WILL REQUIRE WRITTEN AUTHORIZATION TO

(3) COMMUNICATION OUTLETS REQUIRING NEW METAL CONDUIT SHALL BE 3/4" AND HAVE A METAL WORK BOX.

(4) COORDINATE PATHWAYS FOR THE POINT OF SALE (POS) DEVICES REQUIRING CONNECTION TO THE POS HEAD EQUIPMENT WITH THE DESIGNATED POS VENDOR.

(5) POINT OF SALE (POS) DEVICES REQUIRING A NETWORK CONNECTION SHALL BE TERMINATED IN EXISTING IDF ROOM 012A LOCATED IN THE BASEMENT. INSTALLATION OF PATHWAYS TO CONSIDER EXISTING CONDITIONS AND MEET ALL CTS SPECIFICATIONS FOR NEW AND REUSE.

6 IT SHALL BE UNDERSTOOD THAT THE DETAILS AND DRAWINGS PROVIDED ARE DIAGRAMMATIC. THEY ARE INCLUDED TO SHOW THE INTENT OF THE SPECIFICATIONS AND TO AID THE CONTRACTOR IN BIDDING THE JOB. THE CONTRACTOR SHALL MAKE ALLOWANCE IN THE BID PROPOSAL TO COVER ALL WORK REQUIRED TO COMPLY WITH THE INTENT OF THE PLANS AND SPECIFICATIONS.

7) THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT THE SITE AND BE RESPONSIBLE FOR THEIR ACCURACY. (8) THE CONTRACTOR SHALL CALL THE ATTENTION OF THE SUNY PURCHASE

COLLEGE APPROVED OR DESIGNATED REP TO ANY MATERIALS OR APPARATUS THE CONTRACTOR BELIEVES TO BE INADEQUATE AND/OR ANY NECESSARY ITEMS OR WORK OMITTED OR OVERLOOKED PRIOR TO WORK COMMENCING. THIS INCLUDES CABLE PATHWAYS.

(9) FIELD VERIFY FINAL LOCATIONS OF SECURITY CAMERAS WITH SUNY UPD

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

ADDREVIATIONS				
Α	AMPERE			
ADA	AMERICANS WITH DISABILITIES ACT			
AFF	ABOVE FINISHED FLOOR			
AFG	ABOVE FINISHED GRADE			
AWG	AMERICAN WIRE GAUGE			
С	CONDUIT			
CB	CIRCUIT BREAKER			
CL	MOUNTED IN CEILING			
CKT	CIRCUIT			
DW	DISHWASHER			
DWG	DRAWING			
ELEC	ELECTRICAL			
EM	EMERGENCY POWER CIRCUIT			
ER	EXISTING TO REMAIN			
FL	FLOOR			
G	GROUND			
GF	GROUND FAULT CIRCUIT INTERRUPTER			
JB	JUNCTION BOX			
LTG	LIGHTING			
MTD	MOUNTED			
NIC	NOT IN CONTRACT			
NTS	NOT TO SCALE			
OD	OUTDOOR			
OHD	OVERHEAD DOOR			
Р	POLE			
Ø	PHASE			
R	REFRIGERATOR			
RE	RELOCATED EXISTING			
RRE	REMOVE AND REPLACE			
RR	REMOVE AND RELOCATE			
UON	UNLESS OTHERWISE NOTED			
V	VOLT			
W	WATT			
WP	WEATHERPROOF			

			FIRE
		□	PUS
	ELECTRICAL LEGEND	WAP	WIRE
TS	SPRINKLER TAMPER SWITCH, (FBO)	<u></u>	OCCI LOW- #CM-
FS	SPRINKLER WATER FLOW SWITCH, (FBO)	 ⊚ ₁	OCCI
PS	SPRINKLER PRESSURE SWITCH, (FBO)		#nCl
©	DATA OUTLET FOR DIGITAL DISPLAY	© ₂	OCCI LOW- #nCM
sc	SECURITY CAMERA	©	PHO ⁻ CEILI
DC	DOOR CONTROLLER	e	POW
DM	DOOR MONITOR	(₽)	POW!

CARD READER

	DUPLEX RECEPTACLE
•	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
\otimes	MOTOR
마	SAFETY DISCONNECT SWITCH
⊠h	FUSIBLE SAFETY DISCONNECT SWITCH
	FIRE ALARM MAGNETIC DOOR HOLDER
SEC	SECURITY PANEL
∇	DATA OUTLET
AED	AUTOMATED EXTERNAL DEFIBRILLATOR
TC	TIME CLOCK SWITCH
FACP	FIRE ALARM CONTROL PANEL
FARA	FIRE ALARM REMOTE ANNUNCIATOR PANEL
S	FIRE ALARM SMOKE DETECTOR
⑤ ^D	FIRE ALARM DUCT SMOKE DETECTOR
\bigoplus	FIRE ALARM THERMAL DETECTOR
M	FIRE ALARM MONITOR MODULE
R	FIRE ALARM RELAY MODULE
C	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.
	FIRE ALARM SPEAKER/STROBE UNIT; 'CL' SUBSCRIPT WHERE SHOWN INDICATES 'CEILING MOUNTED'.
	FIRE ALARM STROBE ONLY UNIT
□)	PUSHPLATE
WAP	WIRELESS ACCESS POINT
<u>©</u>	OCCUPANCY SENSOR, STANDARD RANGE, CEILING MOUNT, LOW-VOLTAGE, DUAL TECHNOLOGY, ACUITY CONTROLS #CM-PDT-9-RJB.
6	OCCUPANCY SENSOR, EXTENDED RANGE, CEILING MOUNT, LOW-VOLTAGE, DUAL TECHNOLOGY, ACUITY CONTROLS #nCM-PDT-10-RJB.
\mathfrak{S}_2	OCCUPANCY SENSOR, EXTENDED RANGE, CEILING MOUNT, LOW-VOLTAGE, PASSIVE INFRARED ONLY, ACUITY CONTROLS #nCM-10-RJB.
©	PHOTOCELL, AUTOMATIC DIMMING CONTROL, LOW VOLTAGE, CEILING MOUNT, ACUITY CONTROLS #ncm—adcx.
P	POWER/RELAY PACK, ACUITY CONTROLS #PP-20.
Θ_{D}	POWER/RELAY PACK WITH 0-10VDC DIMMING OUTPUT FOR DIMMABLE LIGHT FIXTURES, ACUITY CONTROLS #nPP16-D.
S _{4P}	LIGHTING CONTROL WALL POD STATION, FOUR (4) CHANNELS, ON/OFF + RAISE/LOWER, ACUITY CONTROLS #nPODM-2P-DX-WH.

ELECTRICAL LEGEND

DESCRIPTION

FAN SWITCH

SINGLE POLE TOGGLE SWITCH

TWO POLE TOGGLE SWITCH

THREE WAY TOGGLE SWITCH

FOUR WAY TOGGLE SWITCH

SINGLE POLE DIMMER SWITCH

THREE WAY DIMMER SWITCH

SINGLE POLE KEY SWITCH

THREE WAY KEY SWITCH

FOUR WAY KEY SWITCH

PUSHBUTTON

SINGLE RECEPTACLE

OCCUPANCY SENSOR SWITCH

EMERGENCY POWER OFF SWITCH

MANUAL MOTOR STARTER WITH THERMAL OVERLOAD PROTECTION

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
- 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. . 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
- 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.
- DE LECTRICAL 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.
- 7. FIFCTRICAL 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,
- 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
- 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
- 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
- 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
- 41. CONTRACTOR TO PROVIDE ALL TEMPORARY POWER FOR THE PROJECT. PROVIDE ALL UTILITY COMPANY COORDINATION FOR ALL SERVICES.
- 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
- 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
- 47. ELECTRICAL CONTRACTOR TO VERIFY LOADS, SETTINGS, OVERCURRENT PROTECTION... ETC TO INSURE COMPATIBILITY OF
- 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
- 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
- FACILITATE THE LOW VOLTAGE CONSULTANT WORK. 51. ALL LOW VOLTAGE CABEL SHALL EB 3/4" CONDUIT AND METAL BOX.

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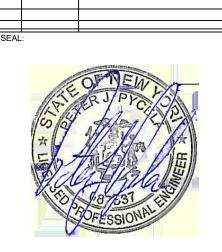


Purchase College STATE UNIVERSITY OF NEW YORK

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DESCRIPTION



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ELECTRICAL NOTES, LEGENDS, & DETAILS

DRAWING NO.