

SUNY PURCHASE COLLEGE

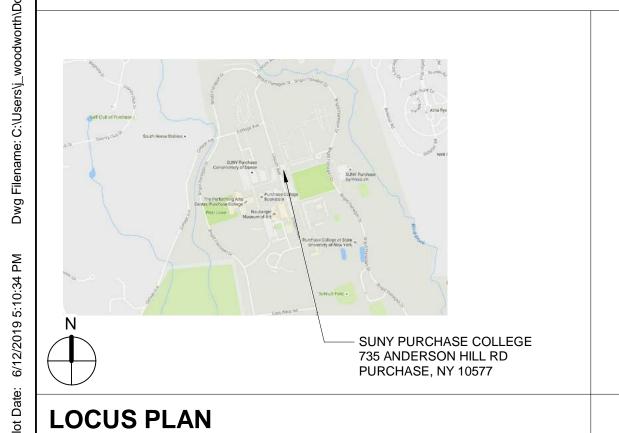
FIRE SPRINKLER RISERS & WATER MAIN CONNECTION

735 ANDERSON HILL RD, PURCHASE, NY 10577

SUNY PROJECT NUMBER - SU061119

ISSUED FOR: BID, JUNE, 12 2019

PROJECT DESCRIPTION:





KEY PLAN

THIS PROJECT CONSISTS OF SPRINKLER MAIN INSTALLATION. THE PROJECT CONSISTS OF THE FOLLOWING WORK: • SPRINKLER MAIN CONNECTION IN STREET. • SPRINLER MAIN INSTALLTION IN BUILDING AND FIRE PROTECTION SYSTEM.	SUNY PURCHASE COLLEGE 735 ANDERSON HILL RD PURCHASE, NY 10577 ARCHITECT	INNOVATIVE ENGINEERINGS SERVICES 33 NORTH PLAINS INDUSTRIAL ROAD WALLINGFORD, CT, 06492 T: 732.280.5623 CONTACT: PETER PYCELA E-MAIL: ppycela@iesllc.biz DESIGN CONSULTANT
, ,	PHASE ZERO DESIGN 8 WILCOX STREET SIMSBURY, CT 06070 T: 860.264.1624 PROJECT MANAGER: CHRIS MILLIARD E-MAIL: cmilliard@phasezerodesign.com CIVIL ENGINEER	VISION BUILDERS 305 FOSTER AVE, SUITE 100 CHARLOTTE, NC 28203 T: 704.405.3106 CONTACT: KEITH FENNELLY E-MAIL: keith@visionbuildersusa.com
	DOUCET & ASSOCIATES 136 WEST ST. #103 NORTHAMPTON, MA, 01060 T: 413.208.2349 CONTACT: SHAWN CANTWELL E-MAIL: SCantwell@doucetengineers.com	
PROJECT DESCRIPTION	PROJECT TEAM	

MEP ENGINEER

OWNER

							ARCHITECT:	
SHEE	ET INDEX	ISSUED FOR:	PHASE ONE SPRINKLER ROOM:	PHASE TWO:	PHASE THREE:	PHASE THREE:	0	PHASE ZERO DESIGN
GENERAL G000	TITLE SHEET	BID	06/12/2019					ILCOX STREET ', CONNECTICT 06070
G001	GENERAL NOTES	BID	06/12/2019				FAX	E: (860) 264-1624 : (860) 264-1628
G002 G003	GENERAL NOTES ADA STANDARDS, SYMBOLS &	BID BID	06/12/2019				CLIENT:	asezerodesign.com
G004	ABBREVATIONS CODE DATA	BID	06/12/2019				-	-
G100	CODE PLAN & ANALYSIS BASEMENT CODE PLAN & ANALYSIS FIRST	BID BID	06/12/2019				chart	twells 🦳
G101	FLOOR		06/12/2019				where hungry	y minds gather
G102	CODE PLAN & ANALYSIS SECOND AND THIRD FLOOR	BID	06/12/2019					rtwellshighered.com
CIVIL SITE & LA	ANDSCAPING COVER SHEET	BID	06/12/2019				OWNER:	
C2	LEGEND & GENERAL NOTES	BID	06/12/2019					
C3 C4	SITE UTILITIES PLAN DETAILS	BID BID	06/12/2019 06/12/2019				THE SECRETARY AND REPORTED AND ADDRESS.	hase College
TS105 ARCHITECTUR	TOPOGRAPHIC SURVEY	BID	06/12/2019					v.purchase.edu
AD101	FIRST FLOOR DEMOLITION PLAN						CONSULTANT:	
AD201	FIRST FLOOR CEILING DEMOLITION PLAN							
A101	BASEMENT AND FIRST FLOOR CONSTRUCTION PLAN	BID	06/12/2019					
A102	ENLARGED PLANS & PLAN DETAILS						- -	
A103 A201	ROOF PLAN BASEMENT / FIRST FLOOR						_	
A202	REFLECTED CEILING PLAN CEILING DETAILS I							
A501 A601	DOOR SCHEDULE MISCELLANEOUS DETAILS I						Ш	Z
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V100 V101	GENERAL ARRANGEMENT PLAN FLOOR FINISH PLAN						l iiil	> [:
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V111 V200	REFLECTED CEILING PLAN DETAILS MILLWORK PLAN							
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Q101	FOODSERVICE EQUIPMENT LAYOUT - BASEMENT							
Q102	FOODSERVICE EQUIPMENT SCHEDULE							7 0 1
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Q202	CONNECTION LAYOUT - BASEMENT FOODSERVICE ELECTRICAL							SPRINKLE C ANDERSON
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Q300	CONNECTION LAYOUT FOODSERVICE PLUMBING							E .
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Q302	FOODSERVICE PLUMBING CONNECTION SCHEDULE							ഥ
Q400 Q500	FOODSERVICE MECHANICAL LAYOUT FOODSERVICE SPECIAL CONDITIONS						PROJECT:	
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Q501 Q600	LAYOUT HOOD DETAIL						NO. DATE	REVISIONS DESCRIPTION
Q600 Q601	HOOD DETAIL							
Q602 FIRE PROTECT	WALKIN DETAIL							
FP100	BASEMENT FIRE PROTECTION PLAN	BID	06/12/2019					
FP101	FIRST FLOOR FIRE PROTECTION PLAN	BID	06/12/2019					
FP200	FIRE PROTECTION DETAILS FIRE PROTECTION NOTES, LEGENDS,	BID BID	06/12/2019					
FP201 PLUMBING	& SCHEDULES	_	06/12/2019					
DP100	BASEMENT PLUMBING DEMOLITION						SEAL:	
DP101	PLAN FIRST FLOOR PLUMBING DEMOLITION						-	
P100	PLAN BASEMENT PLUMBING PLAN						-	
P101	FIRST FLOOR PLUMBING PLAN							
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M201	MECHANICAL DETAILS							
M202	MECHANICAL DETAILS MECHANICAL NOTES, LEGENDS, AND						DRAWN BY:JV	
M203 ELECTRICAL	SCHEDULE						CHECKED BY	
DE100	BASEMENT ELECTRICAL DEMOLITION							MBER: 1517347
DE101	PLAN FIRST FLOOR ELECTRICAL						Copyright (c) by Phase	se Zero Design Corp. All Rights Reserved.
E100	DEMOLITION PLAN BASEMENT POWER PLAN						-	
E101	BASEMENT LIGHTING PLAN						1	
E102 E103	FIRST FLOOR POWER PLAN FIRST FLOOR LIGHTING PLAN						 ТІТІ	E SHEET
E104	ROOF ELECTRICAL PLAN						- -	
E200 E201	ONE-LINE RISER DIAGRAM ELECTRICAL SCHEDULES						_	
E202 E203	ELECTRICAL SCHEDULES ELECTRICAL SCHEDULES						DRAWING NO.	
E204	ELECTRICAL DETAILS] _	
E205	ELECTRICAL NOTES, LEGENDS, AND DETAILS							1000

ATTENTION OF THE ARCHITECT.

TO THE TENANT.

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,

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

SHALL BE COORDINATED WITH THE OWNER AND SHALL REQUIRE A MIN. OF (5) FIVE DAYS NOTICE.

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

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.

34. IF REQUIRED UPON COMPLETION OF THE PROJECT, CONTRACTOR SHALL OBTAIN A CERTIFICATE OF

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

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

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.

PRIOR TO OPENING OF SPACE, CONTRACTOR IS TO ARRANGE FOR A NEBB CERTIFIED INDEPENDENT BALANCING CONTRACTOR TO BALANCE THE HVAC SYSTEM AND PROVIDE A COPY OF THE BALANCING REPORT TO THE OWNER AND LANDLORD'S REPRESENTATIVE IN A FORMAT ACCEPTABLE TO THE LANDLORD.

4. CONTRACTOR TO TURN OVER ALL KEYS TO THE OWNER'S REPRESENTATIVES AND MARK EACH KEY FOR IDENTIFICATION.

OWNER'S REPRESENTATIVE.

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

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

8. THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL WARRANTY THE WORK FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY TENANT OF FINISHED WORK.

ACCESSIBILITY NOTES

1. IN ALL BUILDINGS, FLOORS OF A GIVEN STORY SHALL BE A COMMON LEVEL THROUGHOUT, OR SHALL BE

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

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.

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.

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

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

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.

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 51bf THAT IS LOCATED WITHIN 6 INCHES OF THE FRONT EDGE OF THE FOUNTAIN OR AN ELECTRONICALLY CONTROLLED DEVICE.

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

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

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

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

OWNER, UNLESS OTHERWISE DIRECTED BY OWNER OR OWNER'S REPRESENTATIVE. CONTRACTOR AND ALL SUB-CONTRACTORS MUST BE PRESENT, UNLESS WAIVED BY OWNER.

6. CONTRACTOR TO CONDUCT SITE MEETINGS AND WRITE MEETING MINUTES AT FREQUENCY AS DIRECTED BY

GENERAL PHOTOS DEPICTING THE CURRENT STATE OF WORK. 8. EXCEPT AS MORE STRINGENT REQUIREMENTS ARE INDICATED ON THESE DRAWINGS AND IN THESE NOTES,

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

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.

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.

11.GC SHALL VERIFY ALL CEILING HEIGHTS, AND CONFIRM THAT THE WORK CAN BE BUILT AS SHOWN.

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CONSULTANT:

NDE

DESCRIPTION

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GENERAL NOTES

CONTRACTOR AS DIRECTED BY THE OWNER.

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

THE GENERAL CONTRACTOR SHALL INSTALL NEW FILTERS IN THE HVAC UNITS AT TIME OF TURNOVER.

CONNECTED BY PEDESTRIAN RAMPS, PASSENGER ELEVATORS OR SPECIAL ACCESS LIFTS.

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.

6. MAXIMUM PULL OR PUSH EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 POUNDS FOR EXTERIOR

7. THE BOTTOM 10" OF ALL DOORS (EXCEPT SLIDING AND AUTOMATIC) SHALL HAVE A SMOOTH UNINTERRUPTED

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

PLANE OF THE DOOR IN ITS CLOSED POSITION.

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

17.IF APPLICABLE, THE BUBBLER OUTLET ORIFICE SHALL BE LOCATED WITHIN 6" OF THE FRONT OF THE LOW

AS REQUIRED.

MANAGER.

PERFORMANCE OF ALL ELEMENTS.

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

COMPLY WITH GENERALLY ACCEPTED INDUSTRY STANDARDS AND INSTALL PRODUCTS IN STRICT COMPLIANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS.

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

ETC., IN THE OPINION OF THE ARCHITECT OR OWNER".

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.

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

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

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

18.COORDINATE ALL CUTOUTS & FINAL LOCATIONS WITH KITCHEN EQUIPMENT CONTRACTOR, TYP.

19.1/2" X 1/2" STAINLESS STEEL CORNER GUARDS ALL EXPOSED MILLWORK CORNERS, TYP.

20.FIXED EQUIPMENT AND MILLWORK TO BE SEALED, USING APPROVED CLEAR SILICONE SEALANT, TO

FLOORS, WALLS AND COUNTER TOPS AS REQUIRED.

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

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

BEFORE OPERATIONS COMMENCE.

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

EQUIPMENT NOTES

AND STANDARDS.

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

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

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 COD

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.

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

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

28. ALL CERCUIT BREAKER PANELS SHALL BE LABELED TO SHOW WHAT EACH BREAKER ACTIVATES.29. GC SHALL COORDINATE ALL ELECTRICAL TEL NOTES WITH TRADES AND ELECTRICAL TELE DRAWINGS.

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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FIRE SPRINKLER RISERS & WATE

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ISSUED FOR:BID
ISSUED DATE:JUNE, 12 2019

DRAWN BY:JW

CHECKED BY:CM

RAWING NAME:

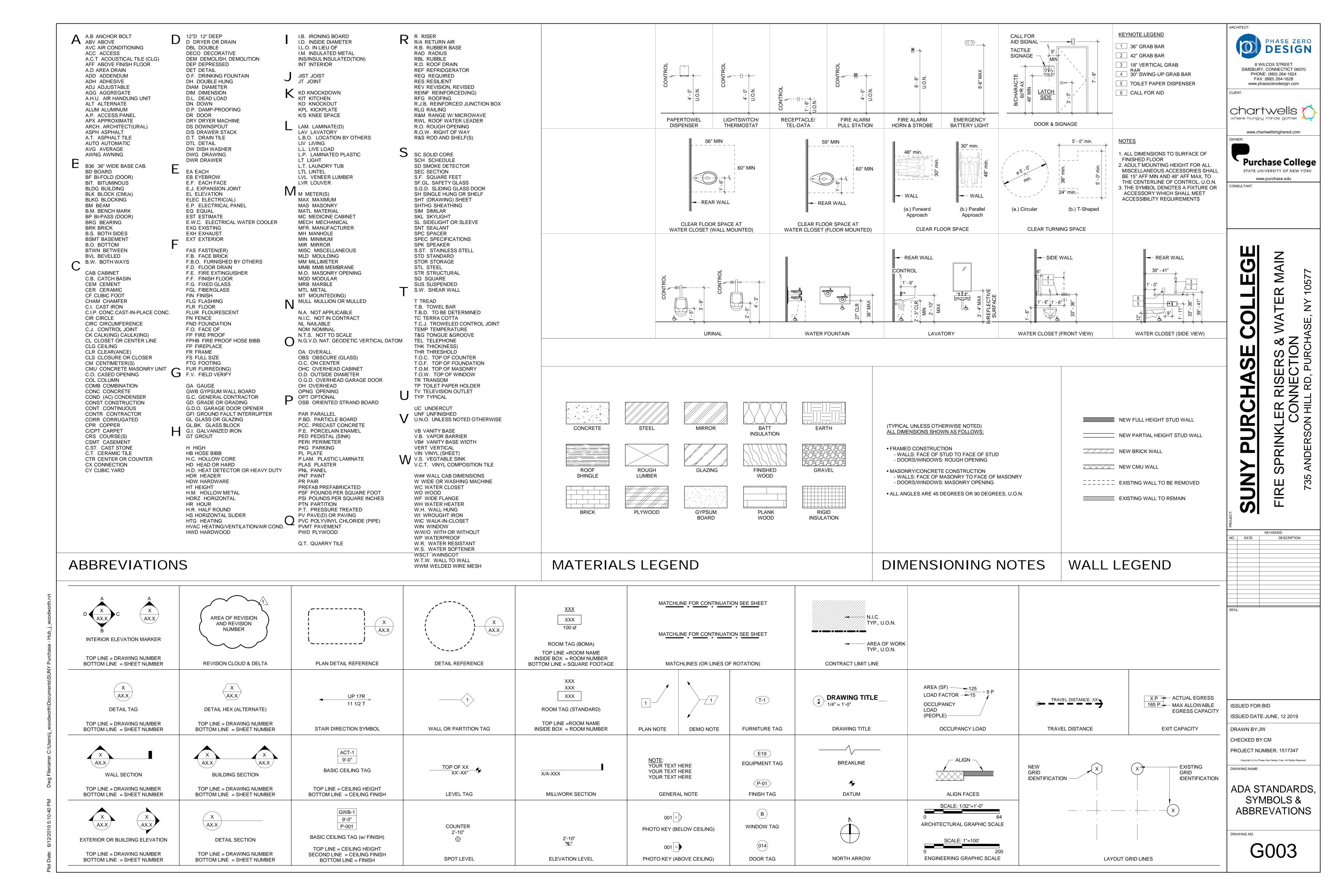
PROJECT NUMBER: 1517347

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GENERAL NOTES

AWING NO.

G002

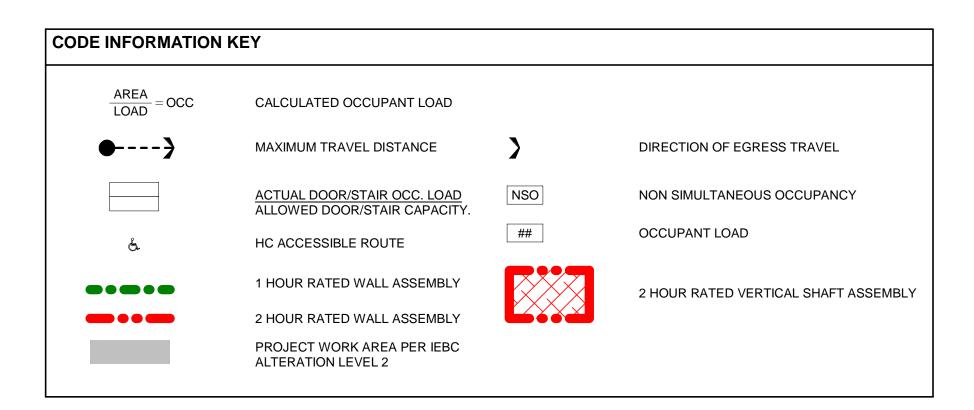


PROJECT DATA			
	HAS BEEN DESIGNED BASED ON 2015 IEBC. THE FO	OLLOWING DATA IS APPLICABLE FOR	
ITEM	CODE SECTION(S)		
CONSTRUCTION TYPE	IBC: 602	2B	
USE & OCCUPANCY CLASSIFICATION	IBC: 302	SEPERATED MIXED USE:	
		(A-2) / (S-2) / (B) / (R-2)	
INCIDENTAL ACCESSORY	IBC: 509	MECHANICAL ROOM	
ACCESSORY USE 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: PER IEBC 810.1	- WHERE THE BUILDING O	CCUPANCY IS N	IOT INCREASED	BY 20%, ADI	DITIONAL PLUMBING	FIXTURES ARI	E NOT REQUIRED.		
ASSEMBLY TOTAL OCC	CUPANTS = 197 / BUSINESS	TOTAL OCCUP	PANTS = 98 / STC	RAGE TOTA	L OCCUPANTS = 31				
		REQUIRED F	IXTURE COUNT	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 SINK		1 SERVICE SINK		1		1	
B, BUSINESS	SERVICE SINK	1 SERVICE SINK		1 SERVICE SINK					
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:

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735 ANDERSON HILL RD, PURCHASE, NY 10577

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ISSUED DATE:JUNE, 12 2019

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PROJECT NUMBER: 1517347

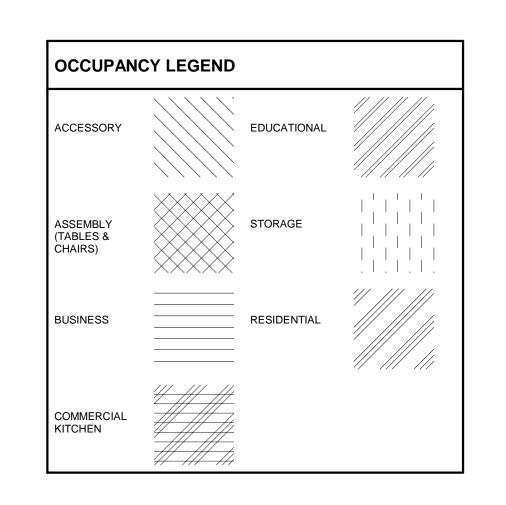
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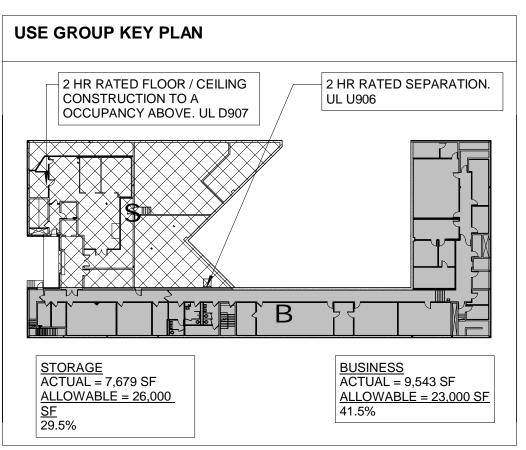
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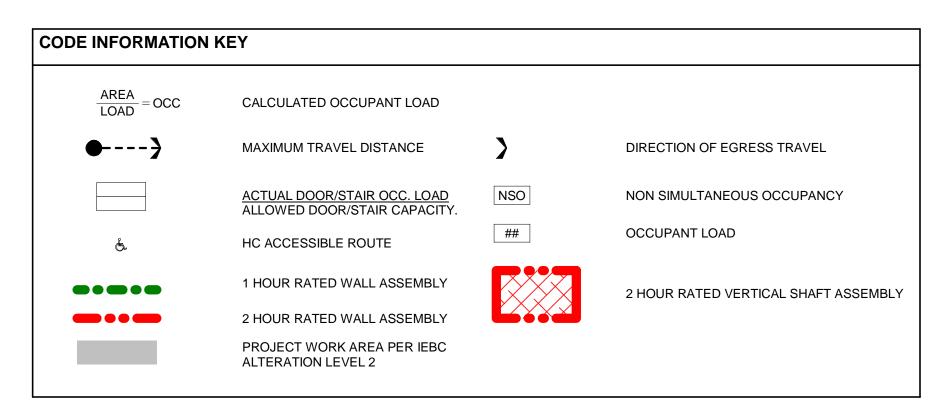
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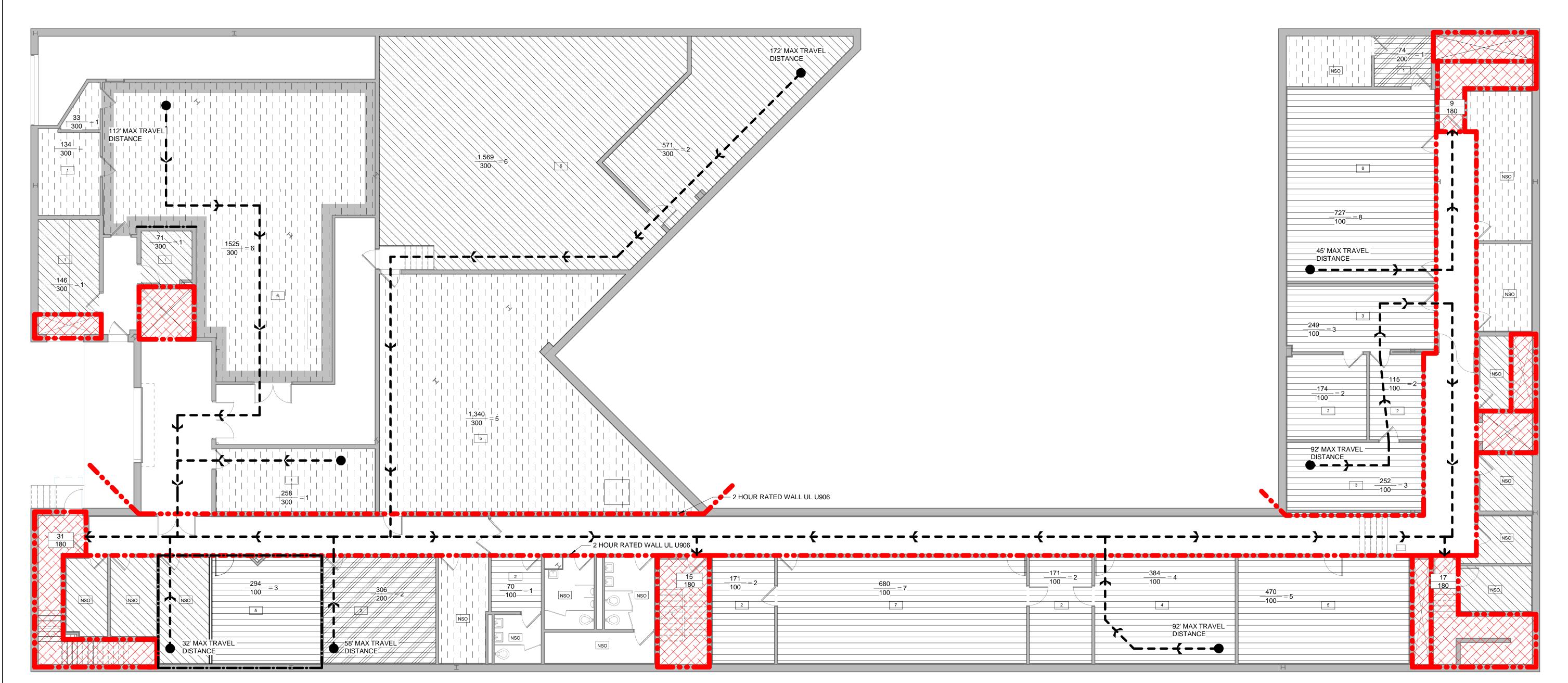
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BASEMENT CODE PLAN
1/8" = 1'-0"

G100

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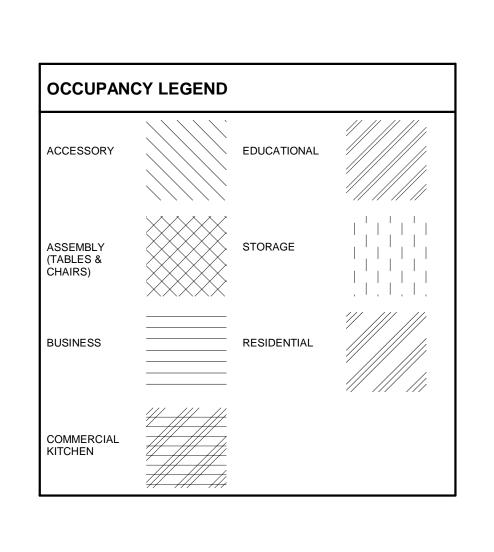
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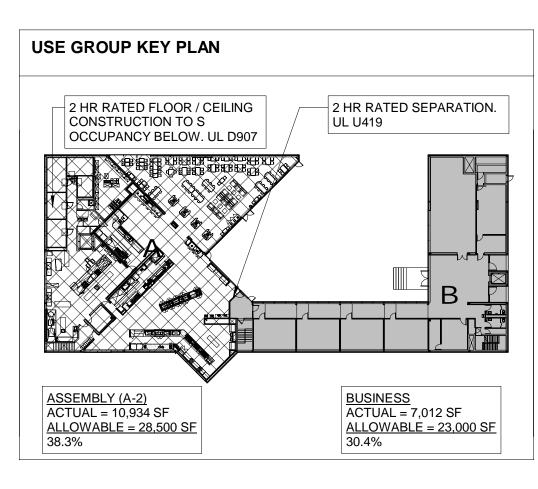
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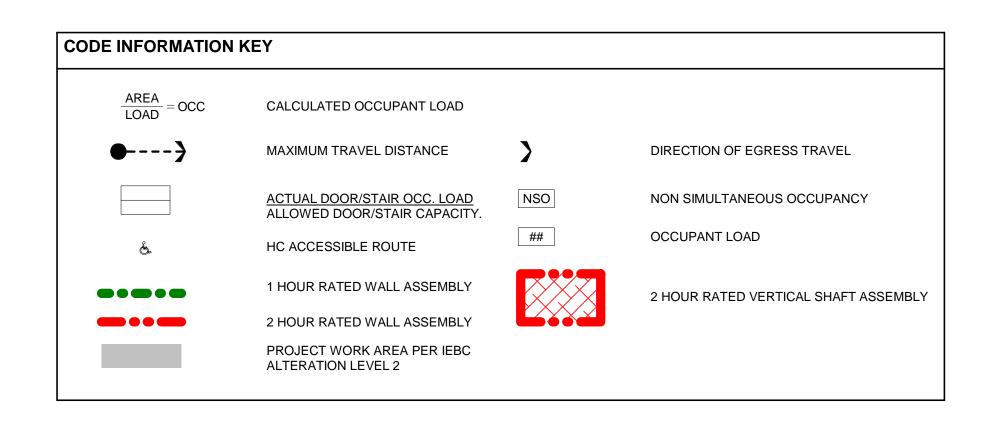
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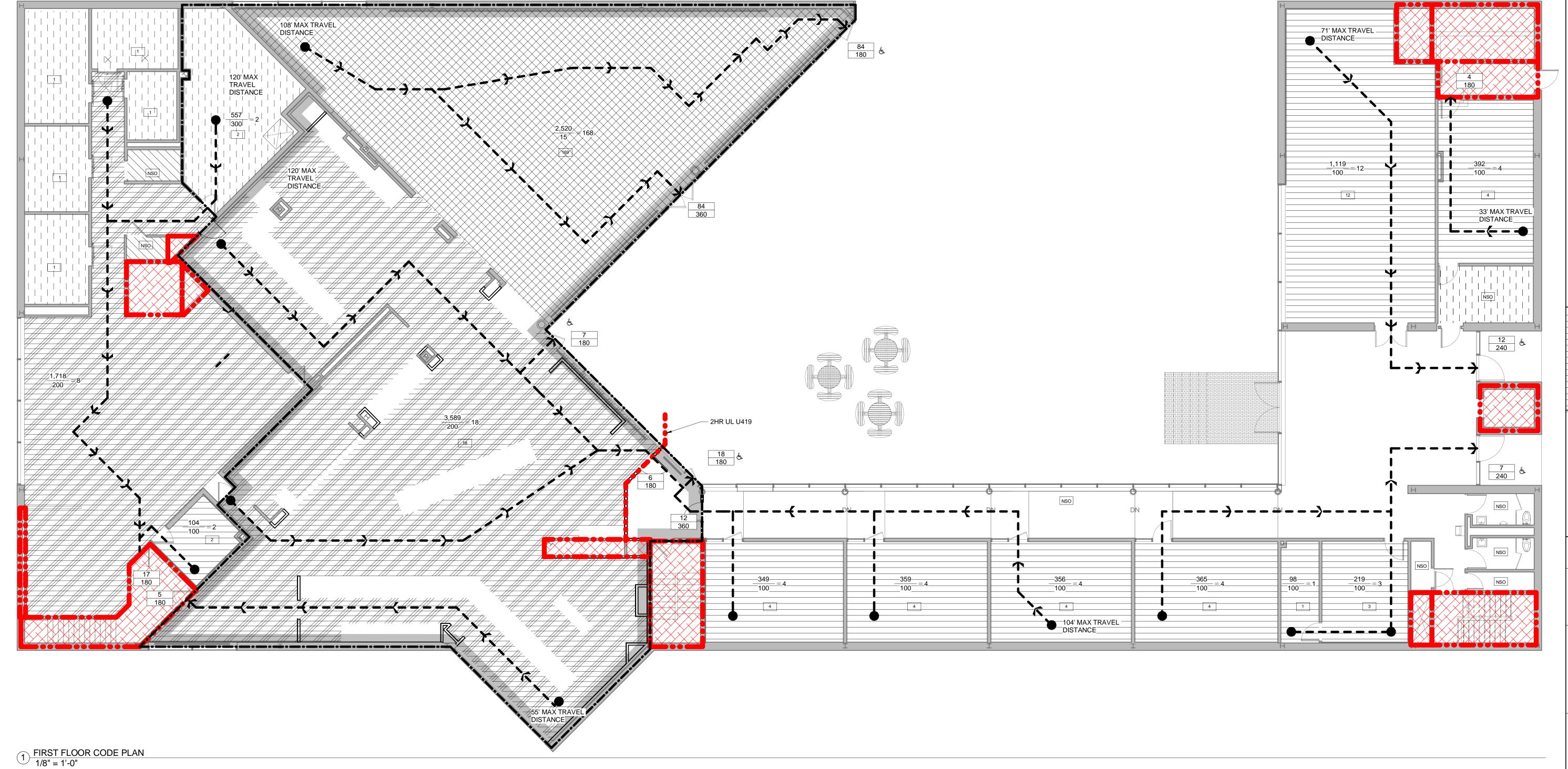
ANALYSIS

BASEMENT









DESIGN 8 WILCOX STREET SIMSBURY, CONNECTICT 06070 PHONE: (860) 264-1624 FAX: (860) 264-1628 www.phasezerodesign.com chartwells (where hungry minds gather www.chartwellshighered.com **Purchase College** STATE UNIVERSITY OF NEW YORK www.purchase.edu CONSULTANT:

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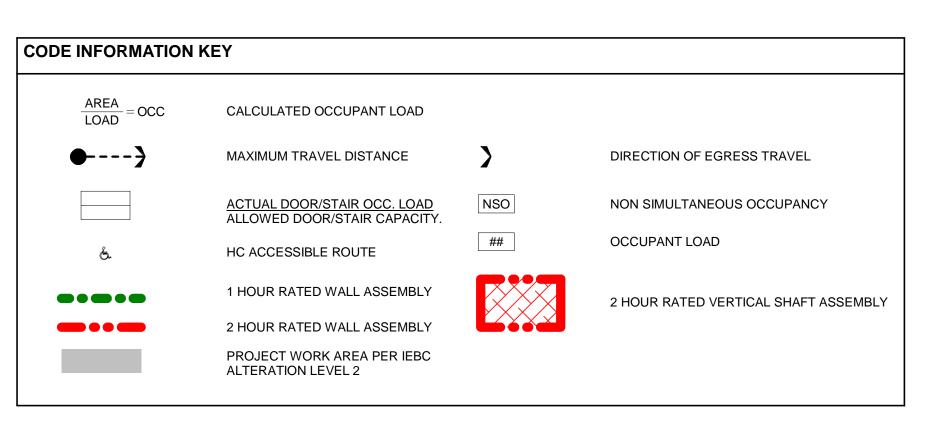
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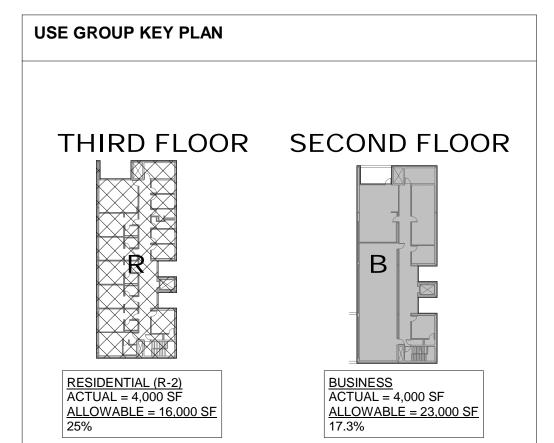
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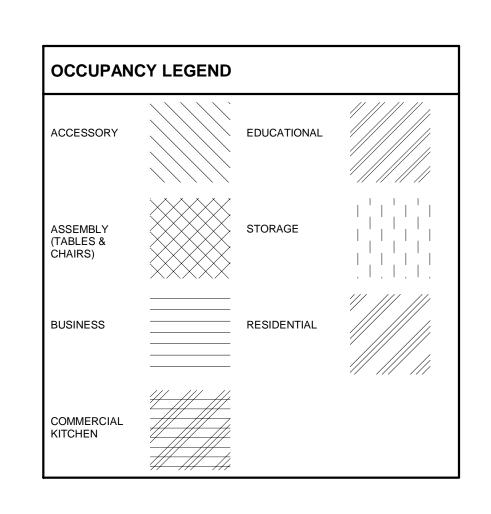
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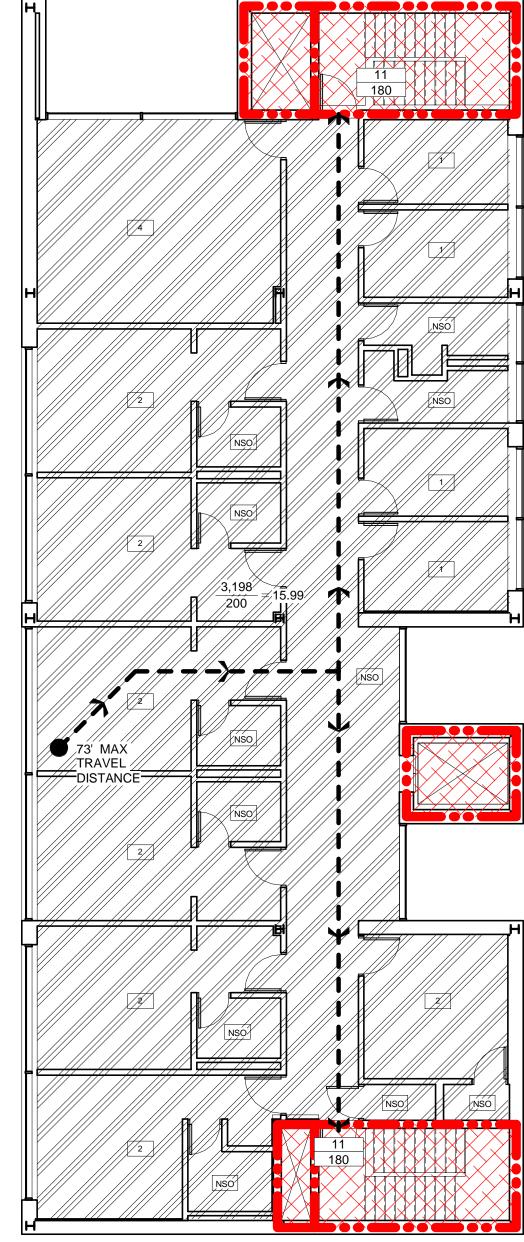
CODE PLAN & ANALYSIS FIRST FLOOR

G101



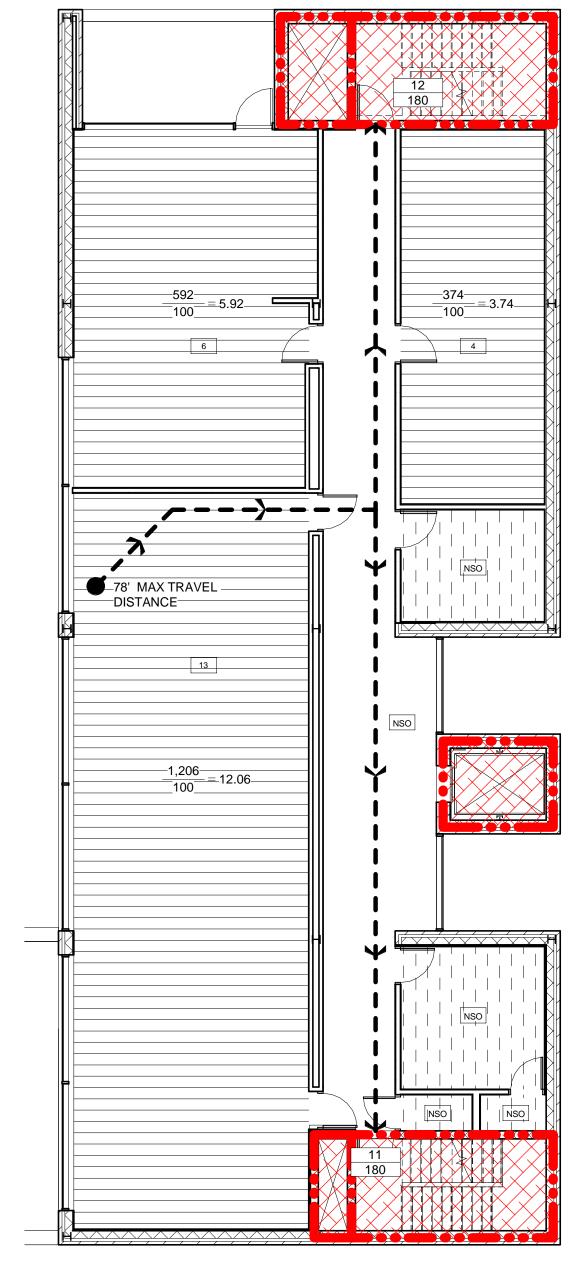






NO WORK THIS AREA

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



NO WORK THIS AREA

SECOND LEVEL - CODE PLAN

1/8" = 1'-0"

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ARCHITECT:		
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CODE PLAN &

ANALYSIS

SECOND AND

THIRD FLOOR

(FOR REFERENCE ONLY)

DESIGN DEVELOPMENT PLANS for

Fire Sprinkler Risers & Water Main Connection

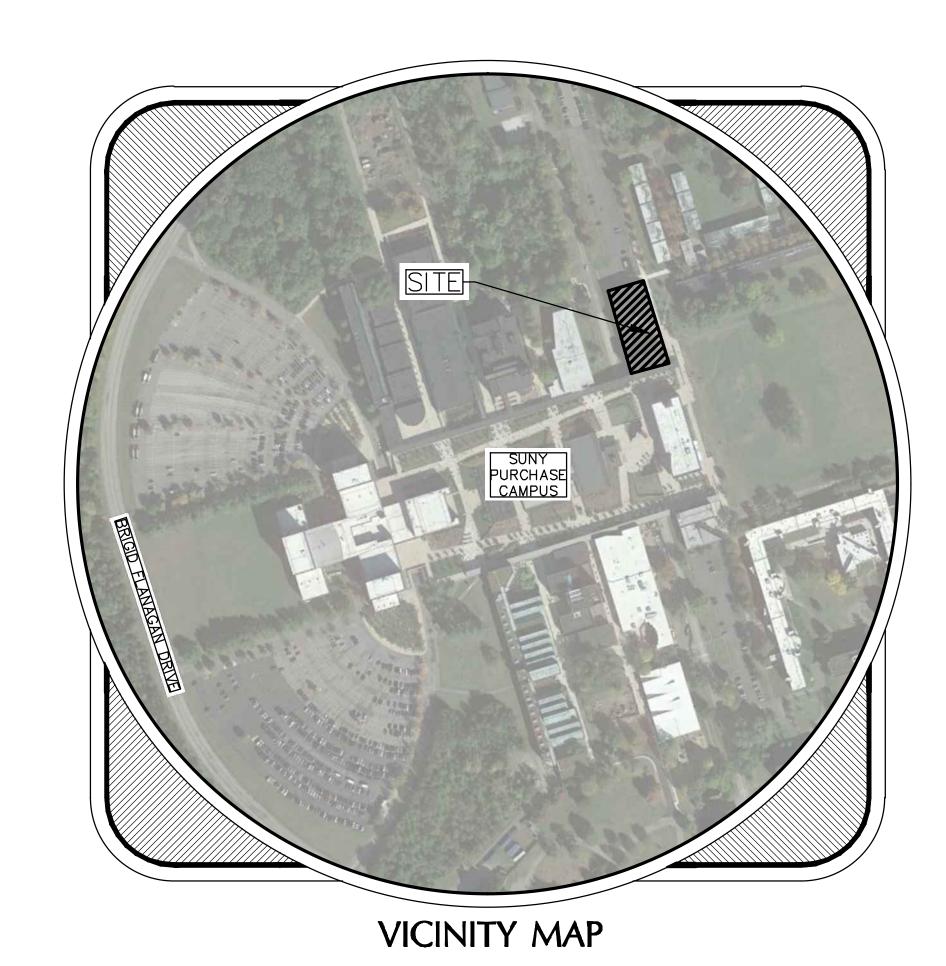
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SITE INDEX

NO.	DRAWING TITLE	LATEST ISSUE					
C -1	Cover Sheet	6/12/2019					
C-2	General Notes	6/12/2019					
C-3	Site Utilities Plan	6/12/2019					
C-4	Site Details	6/12/2019					

SURVEY INDEX

NO.	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) 424-4371		
	Mamaroneck NY 10543				
SEWER	WESTCHESTER SEWER DISTRICT #1B		PH. (914) 995-8353		
	1 FERNBROOK ST.				
	YONKERS, NY 10705				
GAS	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

735 Anderson Hill Road Purchase, NY 10577





ISSUED FOR: OUT-TO-BID

ISSUED DATE: 6.12.2019

DRAWN BY: JBB

CHECKED BY: LAR

PROJECT NUMBER:

DRAWING NO.

COVER SHEET

Civil Engineering & Planning 123 Union Street - Suite 302 Easthampton, MA 01027 Phone: (413) 203-2349

LEGEND EXISTING PROPOSED - LOCUS PROPERTY LINE ---- - ABUTTER PROPERTY LINE — – CHAIN LINK FENCE -□---- - STOCKADE FENCE — – MAJOR CONTOUR (5 FEET) ---- - MINOR CONTOUR (1 FOOT) TREE LINE ----- – UNDERGROUND WATER LINE ------ – 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 - TEMPORARY BENCHMARK TBM • • • • GUARDRAIL 0 0 0 TREE (DECIDUOUS) TREE (CONIFEROUS) PARKING COUNT - HANDICAP RAMP - HANDICAP PARKING

- VAN-ACCESSIBLE HANDICAP PARKING

ABBREVIATIONS

GENERAL ABANDON ACCESSIBLE CURB RAMP ADJUST **APPROXIMATE** BITUMINOUS BERM BITUMINOUS CURB

ACR ADJ APPRO) **BOS** BOTTOM OF SLOPE BOTTOM OF SLOP CONCRETE CURB CCB CAPE COD BERM CC&G CONCRETE CURB & GUTTER ELEV ELEVATION **EXIST** EXISTING FDN FOUNDATION GRANITE CURB GRANITE EDGING MAX MAXIMUM **MCC** MONOLITHIC CONCRETE CURB MIN MINIMUM NIC NOT IN CONTRACT NTS NOT TO SCALE PCC PRECAST CONCRETE CURB PROP PROPOSED REM REMOVE RET RETAIN REMOD REMODEL R&R REMOVE AND RESET R&S REMOVE AND STACK SGE SLOPED GRANITE EDGING SKF STOCKADE FENCE TOS TOP OF SLOPE TOP OF SLOPE TYP TYPICAL **VGC** VERTICAL GRANITE CURB

ASPHALT COATED CORRUGATED METAL PIPE **ACCCMF** CAP CORRUGATED ALUMINUM PIPE C&C CUT AND CAPPED CIP CAST IRON PIPE CIT CHANGE IN TYPE COND CONDUIT DUCTILE IRON PIPE FES FLARED END SECTION F&G FRAME AND GRATE F&C FRAME AND COVER **HDPE** HIGH DENSITY POLYETHYLENE PIPE ELECTRIC HANDHOLE HYD HYDRANT INVERT ELEVATION INV PIV POST INDICATOR VALVE PWW PAVED WATER WAY PVC POLYVINYLCHLORIDE PIPE **RCP** REINFORCED CONCRETE PIPE TSV&B TAPPING SLEEVE, VALVE AND BOX UTILITY POLE VCP 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 UNLESS NOTED OTHERWISE. ALL CURBING AS NOTED ON THE DRAWINGS.
- 6. ALL PAVED RADII ARE TO BE 2' UNLESS OTHERWISE NOTED.

THE MORE STRINGENT REQUIREMENT SHALL GOVERN.

SITE ADDRESS:

TOTAL PARCEL AREA:

2. 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.
- 9. EXISTING PAVED AREAS ON SITE (SITE DRIVE, SIDEWALKS, PARKING AREAS) SHALL RECEIVE A SURFACE COURSE AS SPECIFIED IN THE PAVING DETAILS. ADJUST STRUCTURE FRAMES TO
- MATCH FINISHED GRADE. 10. ALL CONSTRUCTION IN TOWN RIGHT-OF-WAYS AND/OR EASEMENTS SHALL BE IN ACCORDANCE
- WITH THE TOWN OF PURCHASE STANDARD SPECIFICATIONS. 11. IN THE EVENT OF DISCREPANCIES BETWEEN LOCAL SPECIFICATIONS & STATE SPECIFICATIONS,
- 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

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

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

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

GRADES UNLESS OTHERWISE SHOWN ON THE THE CONSTRUCTION DRAWINGS.

ASSOCIATED ARCHITECTS PLANS PREPARED BY PHASE ZERO DESIGN..

COMMENCEMENT OF ANY DEMOLITION/CONSTRUCTION ACTIVITY.

10. ANY DEVELOPMENT, EXCAVATION, CONSTRUCTION IS SUBJECT TO LOCAL, STATE, AND FEDERAL APPROVALS. THE CONTRACTOR SHALL COMPLY WITH ALL PERMIT REQUIREMENTS AND/OR

RESTRICTIONS AND ANY VIOLATION WILL BE SUBJECT TO PENALTY. THE CONTRACTOR SHALL HOLD THE OWNER/APPLICANT, THE ENGINEER AND THE LOCAL GOVERNING AGENCIES HARMLESS

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

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 FROM INVERT IN TO INVERT OUT.
- 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.

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
- 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.

OF PURCHASE WITH REGARDS TO MATERIALS OF THE WATER AND SEWER LINES.

- 15. ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO ANNOUNCED BUILDING POSSESSION AND THE FINAL CONNECTION OF SERVICE.
- 16. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS AND SPECIFICATIONS.
- 17. REFER TO ARCHITECT PLANS FOR SITE LIGHTING ELECTRICAL PLAN
- 18. CONTRACTOR SHALL COMPLY WITH THE LATEST OSHA STANDARDS & TOWN OF PURCHASE DPW SPECIFICATIONS FOR EXCAVATION AND TRENCHING PROCEDURES. 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 890-06 Standard for Waste Water Structures ASTM C 318-02 Standard for Reinforced Concrete NEW YORK STATE DESIGN STANDARDS FOR INTERMEDIATE SIZED WASTEWATER TREATMENT SYSTEMS, 2014



Purchase College

design

STATE UNIVERSITY OF NEW YOR SUNY PURCHASE COLLEGE 735 ANDERSON HILL ROAD, PURCHASE, NY 10577

DA DOUCET & ASSOCIATES Civil Engineering & Planning 123 Union Street - Suite 302

Easthampton, MA 01027 Phone: (413) 203-2349 www.doucetandassociates.com

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REV	DATE	DESCRIPTION / COMMENTS
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ISSUED FOR: OUT-TO-BID

ISSUED DATE: 6.12.2019

DRAWN BY: JBB CHECKED BY: LAR

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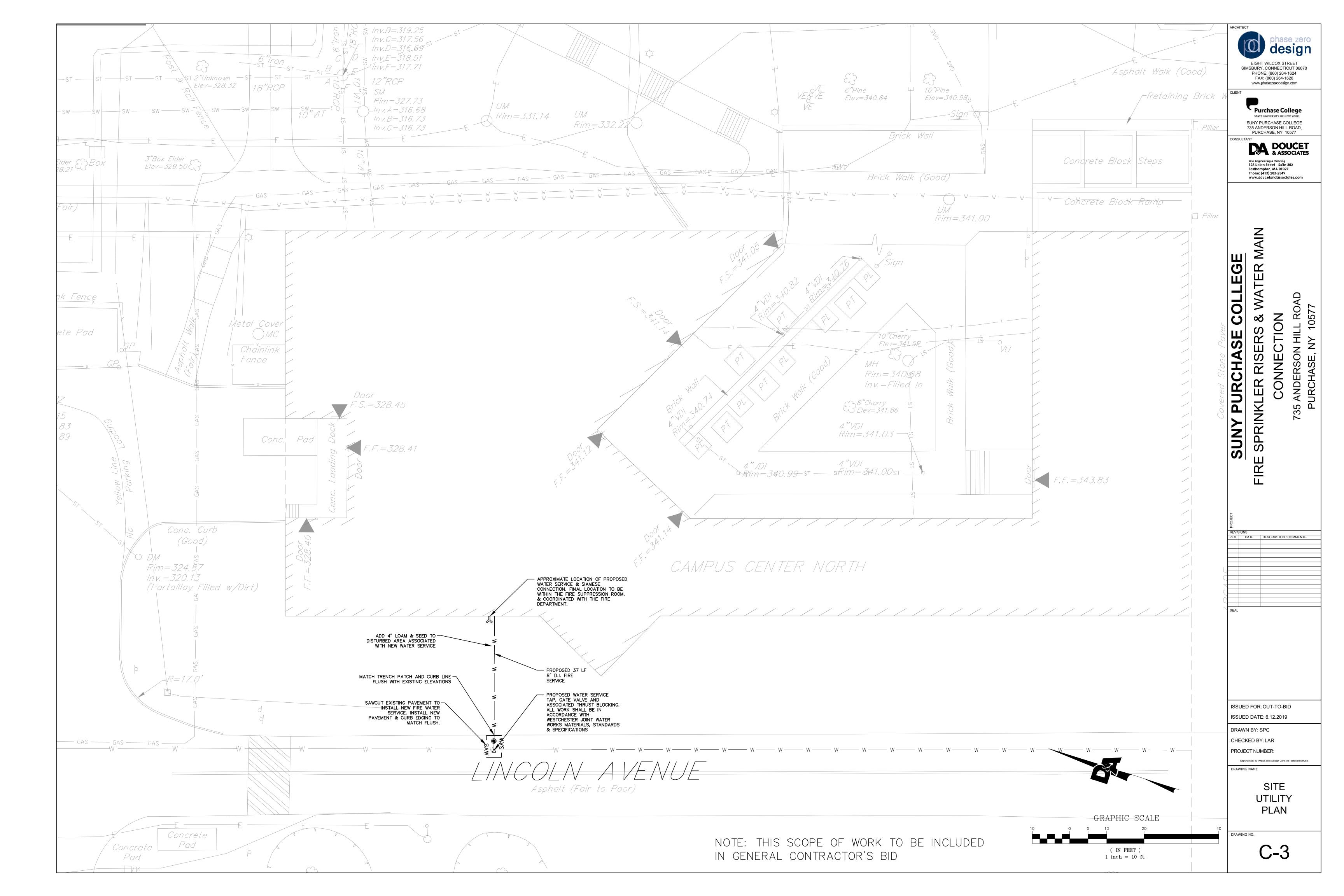
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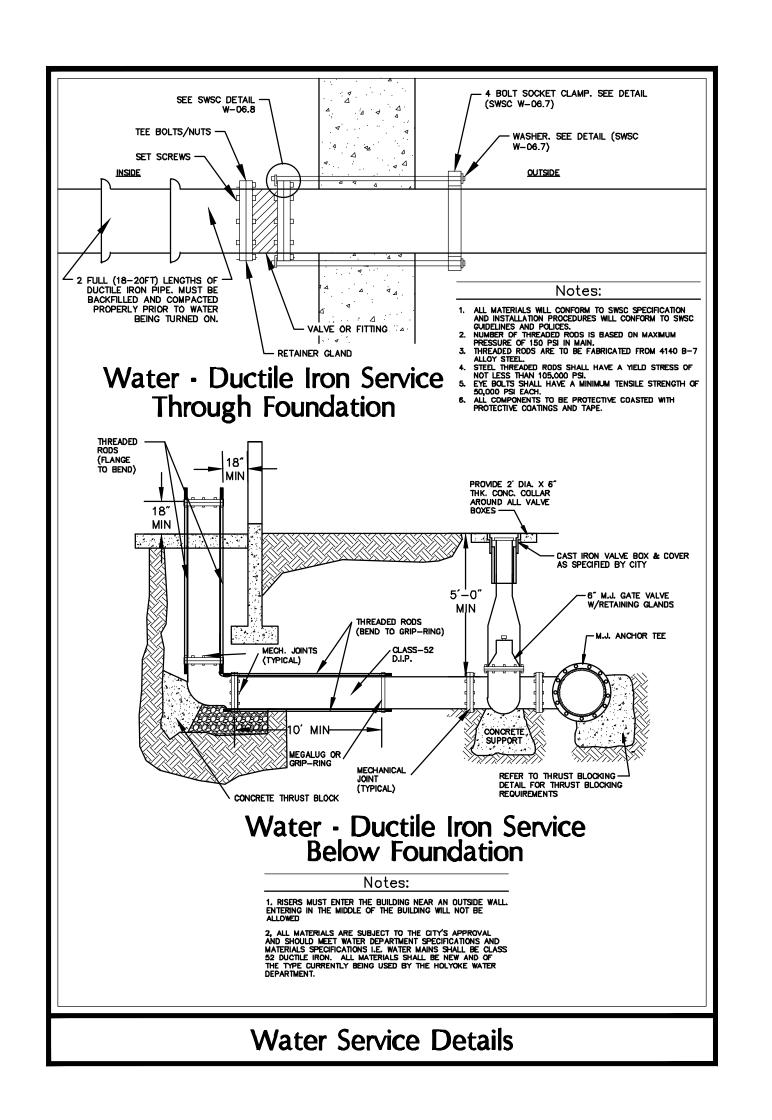
LEGEND & **GENERAL** NOTES

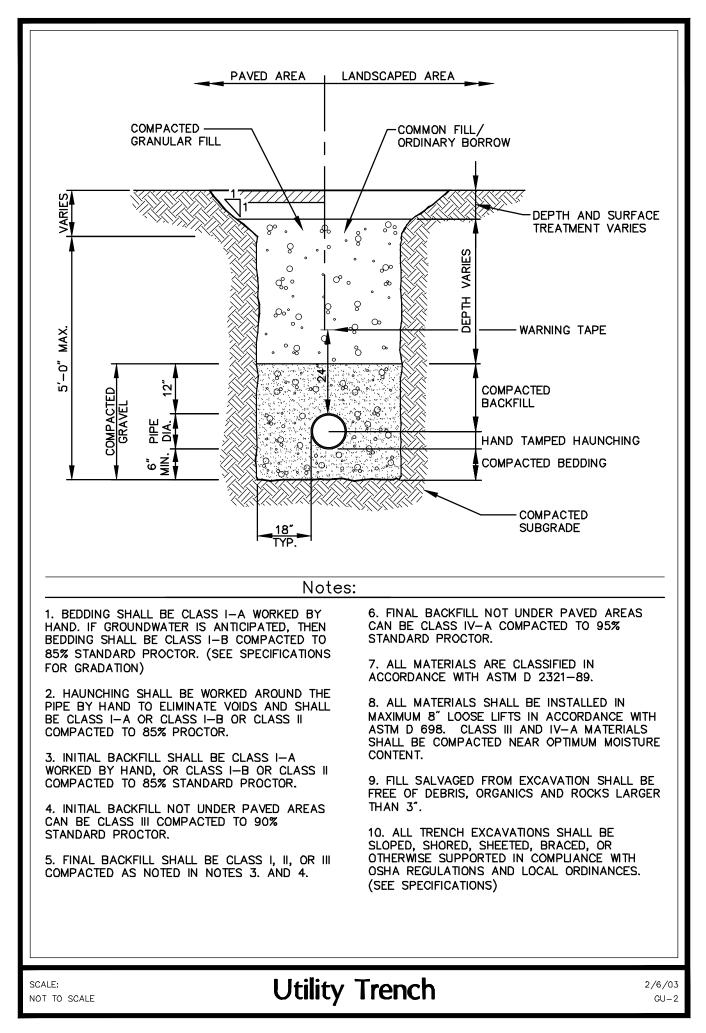
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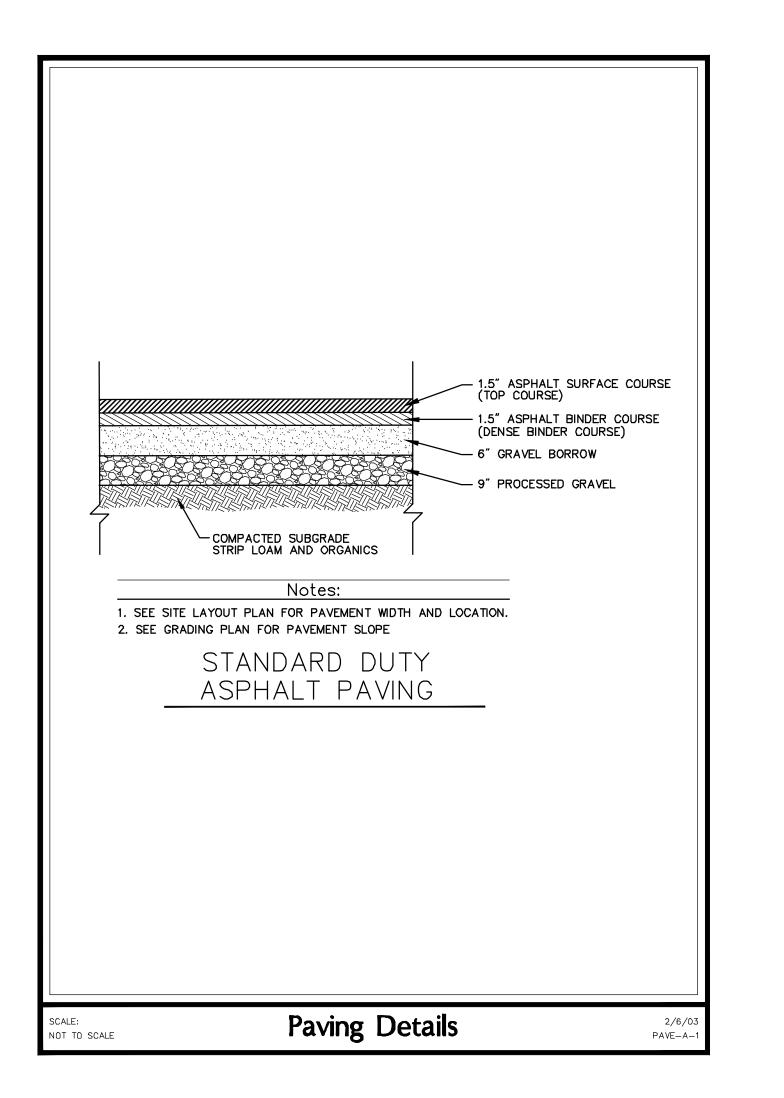
SPECIAL CONSTRUCTION NOTES

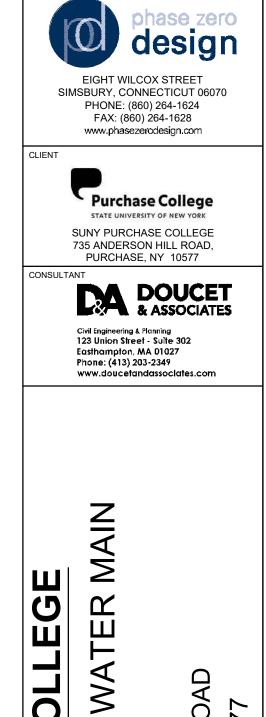
- PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR OR HIS AUTHORIZED REPRESENTATIVE SHALL CONVENE A PRE-CONSTRUCTION CONFERENCE BETWEEN THE TOWN OF PURCHASE REPRESENTATIVES, ENGINEER, ARCHITECT, UTILITY COMPANY REPRESENTATIVES, A.I.C. REPRESENTATIVE AND ANY OTHER AFFECTED PARTIES.
- 2. ALL AREAS DISTURBED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











MOIL ∞ర SPRINKLER RISERS PURCHASE CONNEC SUNY

ROAD

35 ANDERSON F PURCHASE, N

735

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SEAL								

ISSUED FOR: OUT-TO-BID ISSUED DATE: 6.12.2019

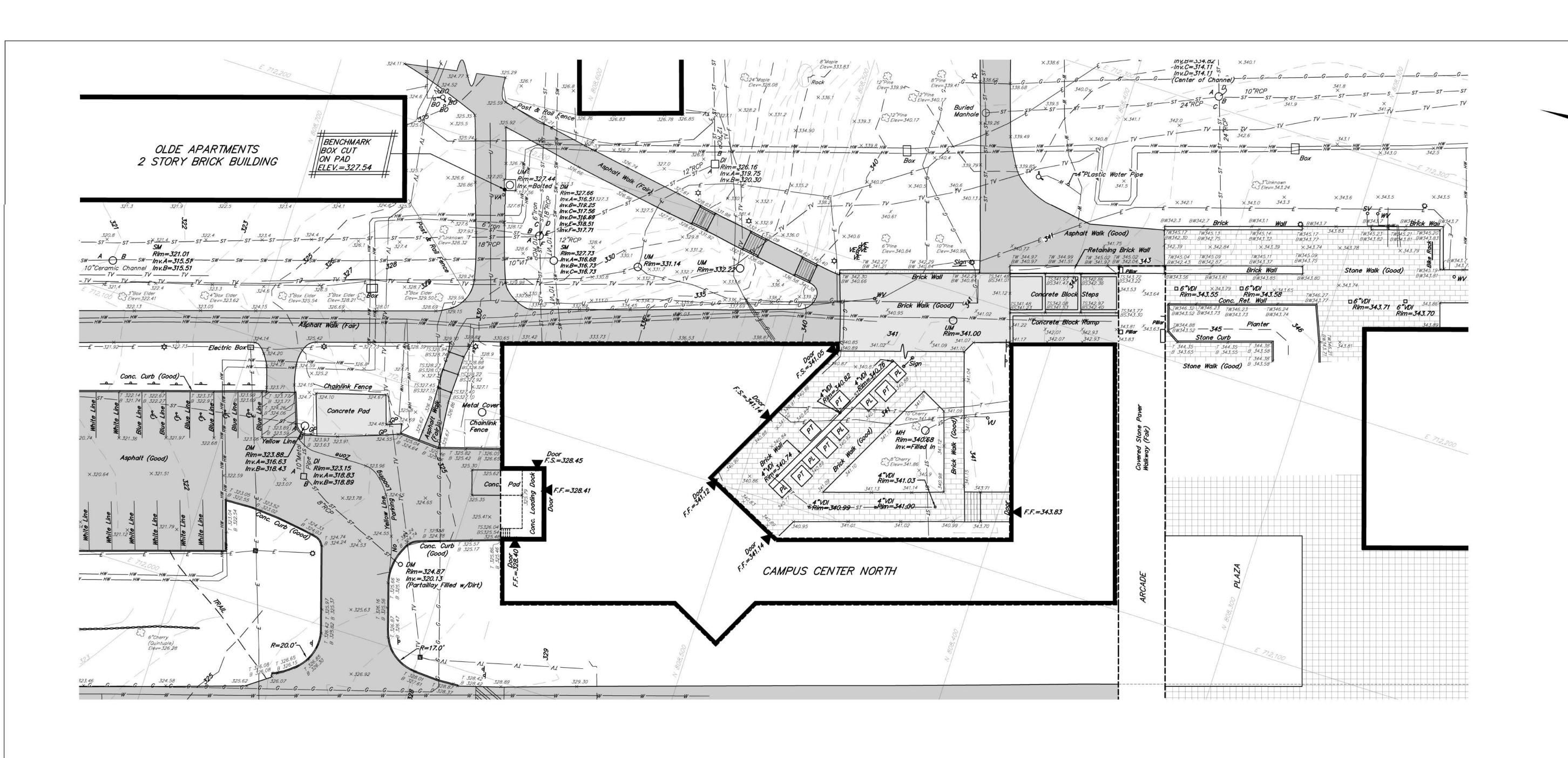
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DRAWING NAME

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DRAWING NO.

DETAILS





REHABILITATE PLAZA EXTERIOR PATHWAYS

State University of New York at Purchase College

PRIME CONSULTANT:

True North at 74:30' West Longitude

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

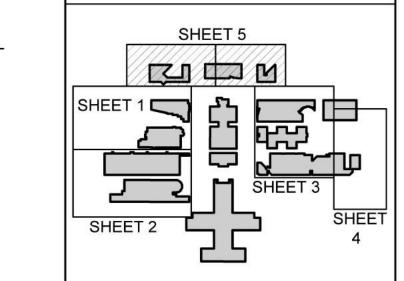
ENVIRONMENTAL ENGINEER: WARREN & PANZER ENGINEERS, P.C. 228 East 45th Street, 10th Floor New York, NY 10017

TOSCANO CLEMENTS TAYLOR 227 Main Street Huntington, NY 11743

COST CONSULTANT:

New York, NY 10018

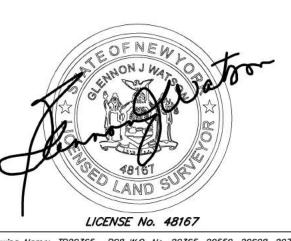
PREPARED BY:
BADEY & WATSON
3043 Route 9
Cold Spring, NY 10516



Key Plai

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
ı	No. 6	1/04/12	Additional Topography
ı	No. 5	12/20/11	Additional Topography
ı	No. 4	8/4/11	Additional Topography
ı	No. 3	6/24/11	Additional Topography
	No. 2	6/2/11	Sheet Set Reformed
	No. 1	5/11/11	Original Issue

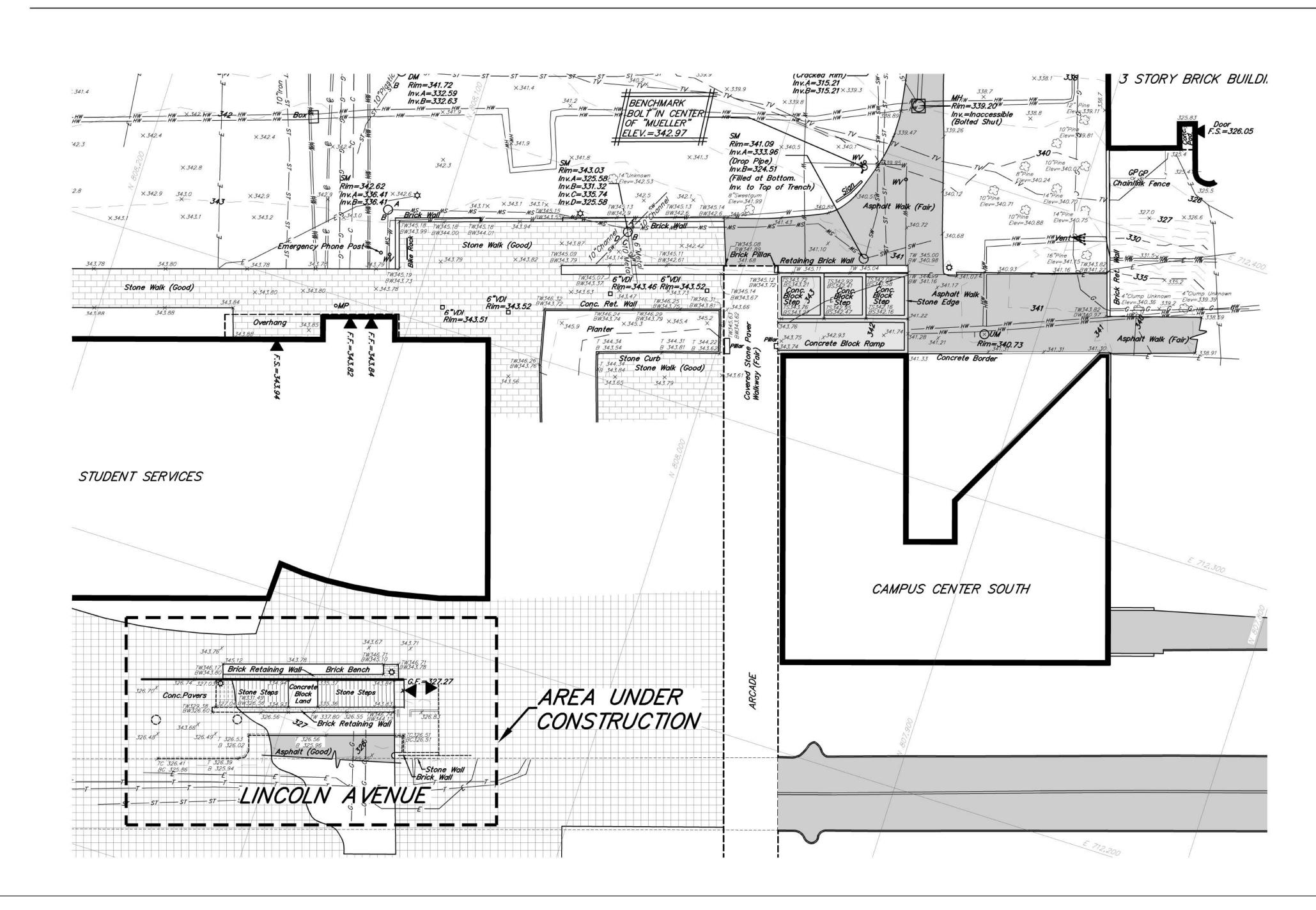


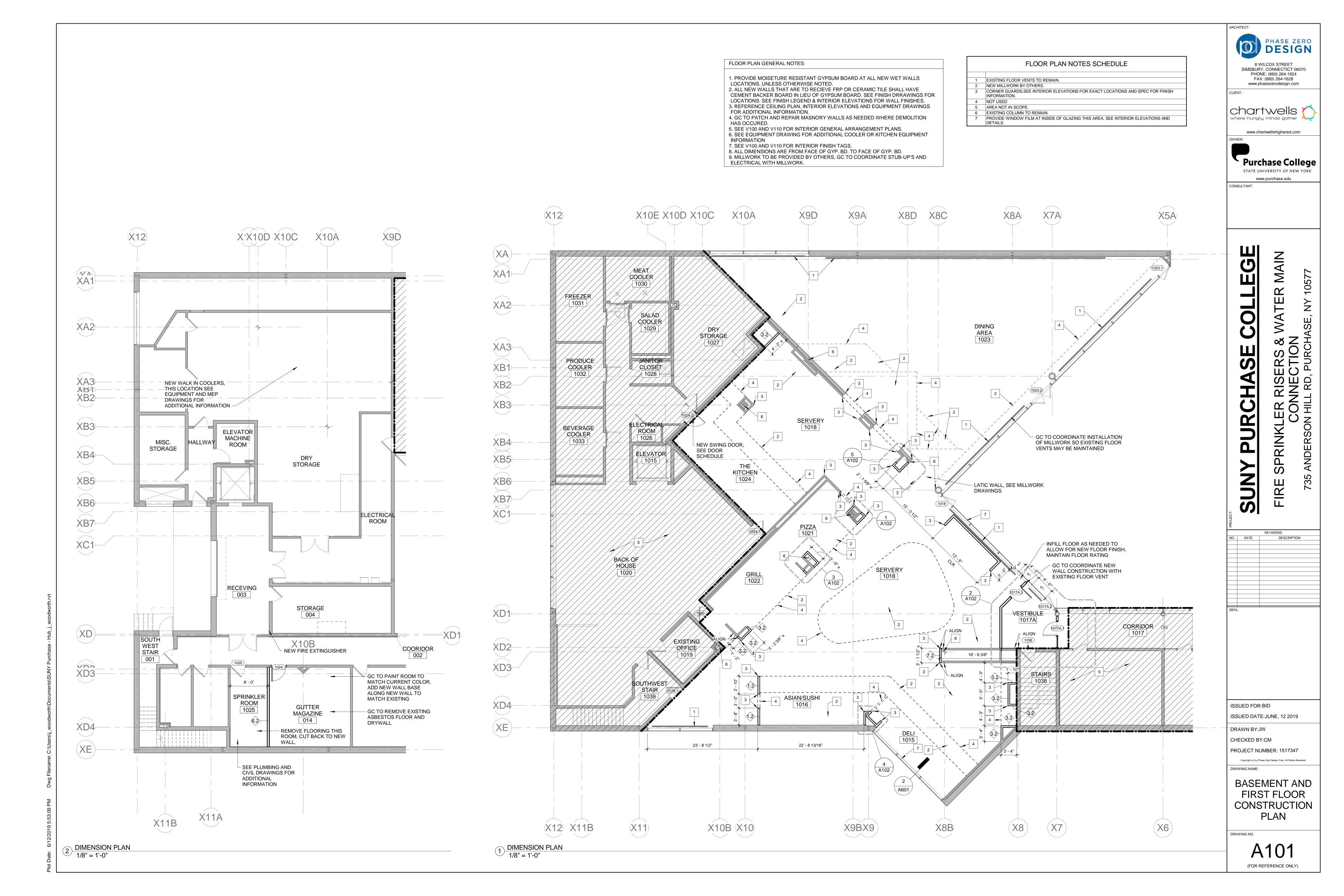
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Drawing Title:

TOPOGRAPHIC SURVEY 5

Contract No. S	UCF 2	9435		
Drawn by:	DAP	Drawing No.		
Approved by:	GJW	TS105		
Scale: 1"=	20'] 13105		
Date: APRIL 28	3, 2011	Sheet No. 9 of 58		





DESIGN 8 WILCOX STREET SIMSBURY, CONNECTICT 06070 PHONE: (860) 264-1624 FAX: (860) 264-1628 www.phasezerodesign.com chartwells where hungry minds gather

www.chartwellshighered.com

Purchase College STATE UNIVERSITY OF NEW YORK

www.purchase.edu

INNOVATIVE ENGINEERING
SERVICES, LLC

AN INTEGRATED ENGINEERING + DESIGN FIRM

33 N PLAINS INDUSTRIAL RD
WALLINGFORD, CT 06492
TEL: 203.467.4370
WEB: WWW.IESLLC.BIZ

 NO.
 DATE
 DESCRIPTION

 ⚠
 4/22/19
 ADDENDUM #2



ISSUED FOR: SPRINKLER/ CONNECTION BID ISSUED DATE: JUNE 12, 2019

DRAWN BY:IES CHECKED BY:IES

PROJECT NUMBER: 1517347

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BASEMENT FIRE PROTECTION PLAN

DRAWING NO.

DRAWING NOTES

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

PROVIDE 2-1/2" DRY PIPING WITH CAP AND 4" WET SPRINKLER SYSTEM PIPING WITH CAP FOR FUTURE CONNECTION IN IN NEXT PHASE OF PROJECT.

(2) REFER TO DETAILS FOR ADDITIONAL PIPING REQUIREMENTS.

FP-100

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

FOR REFERENCE ONLY

DRAWING NOTES

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

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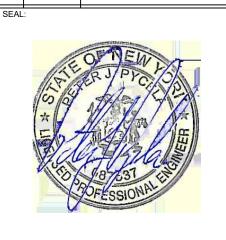
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RENOVATION 735 ANDERSON H PURCHASE, NY **DDITION**



ISSUED FOR:BID ISSUED DATE: 02.15.2019

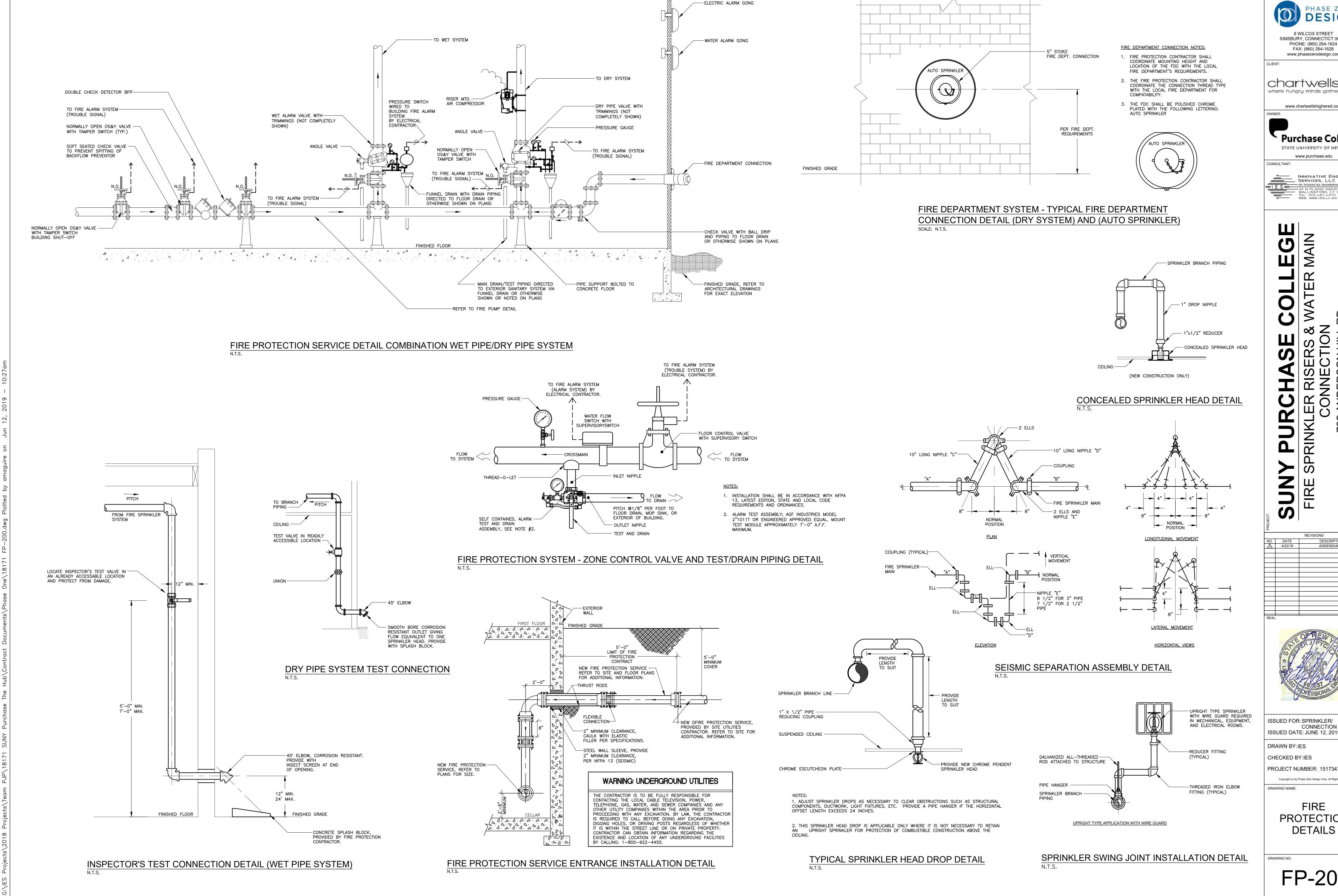
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FIRST FLOOR FIRE PROTECTION

PLAN

FP-101



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ADDENDUM #2



CONNECTION BID ISSUED DATE: JUNE 12, 2019 PROJECT NUMBER: 1517347 Copyright (c) by Phase Zero Design Corp. All Rights Reserved

PROTECTION

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 CLASSIFICATION	NORMAL SPRINKLER TEMPERATURE RATING (FUSING POINT)	CEILING TEMPERATEMAX. AMBIENT TEMP. ALLOWED	TURE AT SPRINKLER MAX. RECOMMENDED	BULB ^{d.} COLOR	FRAME PAINT COLOR NONE			
ORDINARY	135°F (57°C)	TEMP. ALLOWED 115°F (46°C)	AMBIENT TEMP. 100°F (38°C)	ORANGE				
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 FOULL.

ARCHITECT BEFORE SUBMITTING SHOP DRAWINGS.

PIPING (DSP)

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

										EAD L					
/M	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
k	WET SIDEWALL	STANDARD NFPA13	BRASS	155°	5.6	1/2"	1/2"	VIKING	VK305	GLASS BULB	WHITE OR CHROME FINISH	THREADED	QUICK RESPONSE		2,3
\	DRY BARREL SIDEWALL	STANDARD NFPA13	BRASS	155°	5.6	1/2"	1/2"	VIKING	VK182	GLASS BULB	WHITE OR CHROME FINISH	THREADED	QUICK RESPONSE	CONTRACTOR TO DETERMINE REQUIRED LENGTH OF SPRINKLER BARREL	2,3
k	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
+	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

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

SPRINKLER PIPING SCHEDULE REFER TO DRAWN SPECIFICATIONS INFORMATION						
PIPING SYSTEM	SIZE RANGE	PIPE MATERIALS	JOINTS	FITTINGS	INSULATION	SHUTOFF VALVES
WATER SERVICE PIPING (WS / F)	4" - 8"	STEEL, SCH 40, ASTM A135	FLANGED	FLANGED 300#	N/A	
WET SPRINKLER / STANDPIPE	2" DN	STEEL, SCH 40, ASTM A135	THREADED	150# MALLEABLE-IRON	N/A	REFER TO DRAWINGS,
PIPING (WSP/WST - WSP)	2 1/2 UP	STEEL, SCH 40, 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	

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

HYDRAULIC-SYSTEM

SYSTEM DEMAND 1. GPM DISCHARGE 2. RESIDUAL PRESSURE AT THE BASE OF THE RISER PSI HYDRAULIC SIGN NOTES:

SPRINKLER DEMAND.

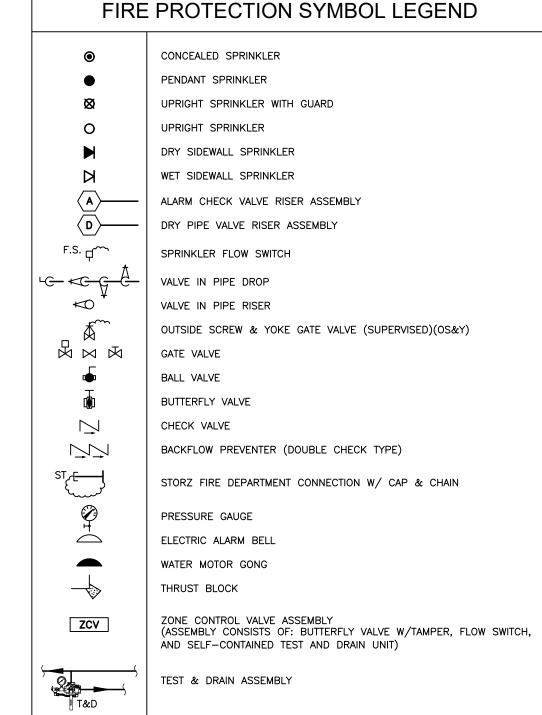
- THE FIRE PROTECTION CONTRACTOR SHALL IDENTIFY EACH HYDRAULIC DESIGNED SPRINKLER SYSTEM WITH A PERMANENTLY MARKED, WATERPROOF METAL SIGN SECURED WITH CORROSION-RESISTANT WIRE, CHAIN OR OTHER APPROVED MEANS. SUCH SIGNAGE SHALL BE PLACED AT EACH ALARM VALVE SUPPLYING THE CORRESPONDING HYDRAULICALLY DESIGNED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

HYDRAULIC SYSTEM SIGNAGE DETAIL

	ABBREVIATIONS
AFF BFP DCV	ABOVE FINISH FLOOR BACKFLOW PREVENTER 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

FIRE PROTECTION PIPING LEGEND						
	FLOW DIRECTION					
F	FIRE LINE					
——F——	FIRE SERVICE BURIED					
SP	WET SPRINKLER SYSTEM					
——DRY——	DRY PIPE SPRINKLER SYSTEM					
D	DRAIN PIPING					
——FDC——	FIRE DEPARTMENT CONNECTION SUPPLY					
e	PIPE DOWN					
o	PIPE UP					
	PIPE DROP					
1	FLUSHING CONNECTION					
E	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
- 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.
- 3. 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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REVISIONS ADDENDUM #2



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FIRE PROTECTION NOTES, LEGENDS, & SCHEDULES

DRAWING NO.

FP-201