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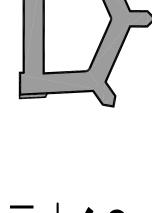
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PREPARED

BY:

NORTH WELLWOOD AVENUE, SUITE , O LINDENHURST, ZEW YORK _ 757

THESE CONTRACT DOCUMENTS ARE INTENDED TO INDICATE THE WORK NEEDED TO PROVIDE A COMPLETE AND READY—FOR—OPERATION INSTALLATION. THESE DOCUMENTS ARE INTENDED TO GUIDE THE CONTRACTOR. THESE DOCUMENTS ARE NOT INTENDED TO SHOW EVERY DETAIL OF THE EXISTING CONDITIONS OR NEW INSTALLATIONS, NOR DO THEY DESCRIBE EVERY FITTING REQUIRED FOR THE INSTALLATION OF THE WORK.

"PROVIDE" SHALL MEAN "FURNISH AND INSTALL" AND SHALL INCLUDE ALL EQUIPMENT, DEVICES, HARDWARE, MOUNTS, LABOR, RIGGING, SUBCONTRACTS THAT RESULT IN A COMPLETE, FUNCTIONAL, AND WARRANTED JOB. HE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ANY DIMENSIONAL VARIATIONS BETWEEN THESE CONSTRUCTION SOCUMENTS AND THE AS-DELIVERED EQUIPMENT. HE CONTRACTOR SHALL INFORM THE OWNER/ENGINEER OF ANY ISCREPANCIES BETWEEN THE CONSTRUCTION DOCUMENTS AND IELD CONDITIONS THAT AFFECT THE WORK DESCRIBED HEREIN. E CONTRACTOR IS RESPONSIBLE TO CONFIRM AND COORDINATE BSITE DIMENSIONS THAT AFFECT THE ERECTION OR OPERATION SYSTEMS, AS INTENDED BY THESE CONTRACT DOCUMENTS. THE INTRACTOR SHALL ENSURE INSTALLED EQUIPMENT MAINTAINS EQUATE CLEARANCES FOR OPERATIONAL ACCESS AND SERVICE, ID HE SHALL MAINTAIN ANY CLEARANCES REQUIRED BY ALL PLICABLE CODES. DURING THE COURSE OF CONSTRUCTION, A CONDITION EXISTS ICH DISAGREES OR CONFLICTS WITH THE DRAWINGS OR ECIFICATIONS, THE CONTRACTOR SHALL STOP WORK AND NOTIFY E ENGINEER. IF THE CONTRACTOR FAILS TO FOLLOW THIS DOCEDURE AND CONTINUES WITH THE WORK, HE SHALL ASSUME RESPONSIBILITY AND LIABILITY ARISING THEREOF. 밉 THE CONTRACTOR SHALL PERFORM ALL ACCEPTANCE TESTS IN THE PRESENCE OF THE OWNER OR OWNER'S REPRESENTATIVE.

THE CONTRACTOR SHALL MAINTAIN THE WORK AREA IN A STATE FREE FROM HAZARDS. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS, FOLLOW SAFE WORKING PRACTICES, AND MAINTAIN THE SITE AND ADJACENT AREAS SAFE FOR WORKERS, INSPECTORS, AND FACILITY EMPLOYEES. THE CONTRACTOR SHALL USE SHOP SUBMITTALS FOR FINAL COORDINATION OF HIS WORK. SITE SAFETY SHALL CONTRACTOR. THE CONTRACTOR SHALL GIVE NOTICES, OBTAIN PERMITS, PAY ALL FEES AND COMPLY WITH ALL LAWS, RULES AND REGULATIONS APPLICABLE TO THE WORK. BUILDING PERMITS WILL BE PROVIDED BY STATE UNIVERSITY CONSTRUCTION FUND. THE CONTRACTOR SHALL PROVIDE ALL BUILDING MODIFICATIONS AND CONSEQUENTIAL REPAIRS TO THE BUILDING AS REQUIRED TO SERFORM THIS WORK. ALL MATERIALS PROVIDED SHALL BE NEW AND FREE FROM ANY DEFECT. SALVAGE OR REBUILT EQUIPMENT SHALL NOT BE PERMITTED. THE CONTRACTOR SHALL SUBMIT EQUIPMENT INFORMATION, SHOP DRAWINGS AND CONSTRUCTION SCHEDULE TO THE OWNER FOR APPROVAL BEFORE STARTING ANY WORK OR PURCHASING ANY EQUIPMENT. HE CONTRACTOR SHALL PROVIDE NOTIFICATION AND PPORTUNITY FOR INSPECTION TO THE OWNER BEFORE CLOSING UP WORK, EQUIPMENT, OR PIPING SYSTEM. ALL MATERIALS SHALL BE PROVIDED IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS, AND ALL LOCAL AND NATIONALLY RECOGNIZED STANDARDS. ONTRACTOR SHALL ENSURE COORDINATION SO THAT ONCE THE ROJECT IS STARTED, IT SHALL CONTINUE WITHOUT DELAY UNTIL OMPLETION. HE OWNER REQUIRES ACCESS TO AND AROUND AREAS OF THE UILDING IMMEDIATELY ADJACENT TO AREAS OF THE WORK. ALL YORK MUST BE CONDUCTED IN A MANNER TO MINIMIZE ISRUPTION OF NORMAL FACILITY OPERATIONS. HILE THE OWNER'S REPRESENTATIVE MAY NOT BE FAMILIAR WITH ONSTRUCTION SITE SAFETY REQUIREMENTS, MEETING SITE SAFETY NOT OSHA REQUIREMENTS IS THE SOLE RESPONSIBILITY OF THE ONTRACTOR. THE OWNER'S REPRESENTATIVE RESERVES THE RIGHT OF RETAIN A THIRD PARTY CONSULTANT IF HE OBSERVES RACTICES THAT APPEAR UNSAFE. HE CONTRACTOR IS RESPONSIBLE FOR THE WORK OF ALL HIS JBCONTRACTORS, THEIR CONFORMANCE TO THESE CONTRACT COMENTS, AND COORDINATION AMONG SUBCONTRACTORS AND YADES. THE OWNER'S REPRESENTATIVE DEEMS THAT ANY UNSAFE IDITION EXISTS, THE OWNER HAS THE RIGHT TO STOP ALL WORK. BE THE SOLE RESPONSIBILITY OF THE THE FACILITY OPERATES THROUGHOUT THE ENTIRE YEAR. ALL SHUTDOWNS THAT REQUIRE THE LOSS OF UTILITIES TO THE FACILITY SHALL BE LIMITED TO PERIODS & DURATIONS AS SPECIFIED BY THE FACILITY AND INDICATED IN THE PHASING PLAN. THE CONTRACTOR'S BID SHALL ANTICIPATE AND INCLUDE THE NECESSARY WEEKEND/MIDNIGHT PREMIUM TIME TO ACCOMPLISH ALL SHUTDOWN WORK WITHIN THE LIMITATIONS OF MAINTAINING CONTINUOUS SERVICE TO THE FACILITY. ALL MATERIALS SHALL BE STORED IN AREAS DESIGNATED BY THE OWNER. THE OWNER SHALL NOT BE RESPONSIBLE FOR ANY OF THE CONTRACTOR'S SHIPPING, DELIVERY OR SECURITY ISSUES RELATED TO MATERIAL, EQUIPMENT, OR TOOL STORAGE. SAFE AND DIRECT ENTRANCE TO AND FROM THE EXISTING BUILDING SHALL BE MAINTAINED AT ALL TIMES WHILE CONSTRUCTION IS IN PROGRESS. ANY WORK SCHEDULING PROBLEMS CAUSED BY SHUTDOWN RESTRICTIONS BY THE FACILITY SHALL NOT BE CAUSE FOR CLAIM OR DELAY BY THE CONTRACTOR. IT IS A VIOLATION OF NEW YORK STATE LAW FOR ANY PERSON, UNLESS ACTING UNDER DIRECTION OF THE LICENSED ENGINEER, TO ALTER THESE PLANS IN ANY WAY. ALL WORK SHALL CONFORM TO NEW YORK STATE BUILDING CONSTRUCTION CODE, THE N.Y.S. ENERGY CONSERVATION CONSTRUCTION CODE, OSHA 29 CFR 1926 CONSTRUCTION, AND ALL LOCAL CODES, RULES, REGULATIONS AND ZONING LAWS. THESE DRAWINGS AND SPECIFICATIONS HAVE BEEN PREPARED BY THE ENGINEER AND TO THE BEST OF HIS KNOWLEDGE AND BELIEF MEET THE REQUIREMENTS OF THE N.Y.S. ENERGY CONSERVATION CODE. DISPOSAL OF ALL MATERIALS SHALL BE DONE BY THE CONTRACT IN ACCORDANCE WITH STATE & LOCAL REQUIREMENTS. TO CONTRACTOR SHALL MAINTAIN THE RECORDS OF PROPER DISPOSE WHICH MAY BE SUBMITTED TO THE OWNER'S REPRESENTATIVE IF SO REQUESTS. ALL DEMOLISHED MATERIALS, UNLESS OTHERWISE NOTED, SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BERMOVED FROM THE SITE. HE OWNER SHALL HAVE THE RIGHT AT ALL TIMES TO EXAMINE THE WORK AND DETERMINE THE CONFORMANCE WITH THE REQUIREMENTS AND INTENT OF THE CONTRACT DOCUMENTS. LENGTHEN ONE CURRENT HATCH TO ALLOW THE REMOVAL OF OLD PIPE AND THE INSTALLATION OF NEW PIPE. THERE IS RESTRICTED ACCESS TO THE WORK AREA. FIVE ACCESS HATCHES TO TRENCH. THE WORK AREA IS FREE FROM ASBESTOS. OWNER HAS SUPPORTING DOCUMENTATION

THE TRENCH IN WHICH THE WORK WILL TAKE PLACE IS A CONFINED SPACE. SPECIAL CONDITIONS IF CONTRACTOR FEELS MORE HATCHES NEED TO BE EXTENDED, PERMISSION MUST BE RECEIVED BY OWNER PRIOR TO DEMOLITION. ALL PIPING TO BE REPLACED SHALL BE MECHANICALLY CONNECTED GROOVED COUPLING PIPING SYSTEM. PROVIDE AND INSTALL LOW-MER. PROVIDE AND INSTALL NEW LTW PIPING. PIPING SHALL BE MECHANICALLY CONNECTED GROOVED COUPLING SYSTEM.

INSTALL ISOLATION VALVE AT EACH RISER LOCATION.

RESTORE FLOOR WHERE ACCESS OPENING WAS LENGTHENED.

PATCH CONCRETE FLOOR AND RESTORE FLOOR TILES. DEMOLISH AND REMOVE SECTIONS OF THE LTW PIPING SYSTEM, ZONES A & B, IN THE EXISTING TRENCH. REPLACEMENT OF ZONES E & F SHALL BE AN ADD—ALTERNATE FOR THE PROJECT. THE CONTRACTOR SHALL BE AWARE THE TRENCH IS FREE FROM ASBESTOS. OWNER HAS SUPPORTING DOCUMENTATION. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE AND INSTALL MATCHING FLOOR TILES AFTER EXTENDING HATCH. PROVIDE THE REQUIREMENTS FOR START-UP, OPERATION, ACCEPTANCE FOR THE NEW LTW SYSTEM. WILL BE THE CONTRACTOR'S RESPONSIBILITY TO MATCH THE ORRUGATED PANEL IN TRENCH TO BE REPLACED AFTER XTENDING HATCH. OVIDE AND INSTALL INSULATION FOR ALL NEW LTW PIPING -POINT DRAIN BETWEEN TUNNEL AND LINE <u>ABBREVIATIONS</u> TYPES DEMOLITION, LINE DEMOLITION, EQUIP. EXISTING, PIPE NEW, PIPE EXISTING PIPING IDENTIFIER HIDDEN NEW, EQUIPMENT LOW TEMPERATURE WATER
LOW TEMPERATURE WATER RETURN
LOW TEMPERATURE WATER SUPPLY
MECHANICAL EQUIPMENT ROOM - LINE SIZE (NPS)
- MATERIAL SPECIFICATION FIRST LETTER - PRES
A 125 LB ANSI
B 150 LB ANSI INSULATION CLASS (THICKNESS PER SCHUYLER ENGING INTERPRETATION OF THE STATE OF THE SCHUYLER ENGING INTERPRETATION OF THE SCHUYLER ENGINE INTERPRET ERVICE REFER TO ABBF (REFER TO SCHUYLER ENGINEERING SPECS)
SSURE RATING SECOND LETTER — MATERIAL
C COPPER
S CARBON STEEL

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D

 C

SCHUYLER ENGINEERING, P.C. Purchase College TITLE SHEET, NOTES, LEGEND, AND ABBREVIATIONS ZONES A & B, PIPING 735 Anderson Hill Rd Purchase, NY 10577

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