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SPECIFICALLY AUTHORIZED BY THEM AND SIG AND SEALED FOR SUCH SPECIFIC LOCATION IN T STATE, PROVINCE OR TERRITORY SHOWN ON TI SEAL. THIS BUILDING USE IS ONLY APPLICABLE
AREAS MEETING THE STATED DESIGN CRITER

240506 DRAWING NUMBER

22 41 16 STERILIZATION A. PROVIDE ALL MATERIALS AND EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL A PLUMBING SYSTEM COMPLETE AS

B. THIS CONTRACTOR, UNLESS OTHERWISE NOTED IS TO PROVIDE POWER WIRING FOR EACH ITEM OF ELECTRICAL EQUIPMENT AND MAKE FINAL CONNECTIONS TO MOTORS.

1. ALL FINISH PAINTING IS TO BE PERFORMED BY THE CONTRACTOR, EXCEPT AS NOTED BELOW. THE CONTRACTOR SHALL RESTORE TO ORIGINAL CONDITION ANY PAINTING DEFACED DURING CONSTRUCTION AND AFTER ORIGINAL PAINTING. THIS CONTRACTOR, AT THEIR EXPENSE, SHALL ENGAGE THE PROJECT'S PAINTER AS REQUIRED TO ENSURE THE PROPER COLOR AND METHOD IS USED

ALL EXPOSED MATERIALS (E.G., PIPING, WIRING) IN OPEN/EXPOSED SITUATIONS WITH A SPECIFIED COLOR IN THE ARCHITECTURAL REFLECTED CEILING PLAN SHALL BE PAINTED TO MATCH THAT COLOR. THE CONTRACTOR MUST ENGAGE WITH THE PAINTER TO ENSURE THE PAINT IS APPLIED NEATLY AND PROFESSIONALLY AND MATCHES THE EXACT SPECIFIED COLOR UNLESS OTHERWISE SPECIFIED ON THE ARCHITECTURAL REFLECTED CEILING PLAN. THE CONTRACTOR MUST COORDINATE AND FIELD-VERIFY THE COLOR PRIOR TO PURCHASE AND THE START OF WORK, USING APPROPRIATE PROTECTIVE MEASURES AND PRIMERS TO ENSURE PAINT ADHERENCE WITHOUT COMPROMISING MATERIAL LISTINGS OR VIOLATING MANUFACTURER RECOMMENDATIONS.

NATIONAL ELECTRICAL CODE.

22 05 00 PLUMBING GENERAL PROVISIONS

STANDARD FOR INSTALLATION OF AIR CONDITIONING AND VENTILATING SYSTEMS, NFPA 90A.

CODE FOR SAFETY TO LIFE FROM FIRE IN BUILDINGS AND STRUCTURES, NFPA 101. FEDERAL OCCUPATIONAL SAFETY AND HEALTH STANDARDS.

INDICATED ON THE DRAWINGS AND AS REQUIRED BY CODE AND AS SPECIFIED HEREIN.

STATE BUILDING CODE.

STATE INDUSTRIAL COMMISSION REQUIREMENTS.

STATE PLUMBING CODE.

E. ALL PERMITS REQUIRED BY LAWS, ORDINANCES AND BUILDING CODES HAVING JURISDICTION SHALL BE OBTAINED AT THE PROPER

F. THIS CONTRACTOR SHALL OBTAIN ALL INSPECTIONS REQUIRED BY ALL LAWS. ORDINANCES AND PUBLIC AUTHORITY HAVING JURISDICTION AND SHALL OBTAIN CERTIFICATES OF SUCH INSPECTIONS AND SUBMIT SAME TO THE ARCHITECT AND SHALL PAY ALL FEES, CHARGES, ASSESSMENTS AND OTHER EXPENSES IN CONNECTION THEREWITH.

DESIGN OF SYSTEM MAY NOT BE CHANGED. ONLY EXACT LOCATION OF PIPING AND DUCTS MAY BE REVISED TO SUIT CONSTRUCTION CONDITIONS AND AID IN COORDINATION WITH WORK OF OTHER CONTRACTORS.

H. THE MATERIALS AND EQUIPMENT INSTALLED IN THE WORK SHALL MEET THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND NO MATERIALS OR EQUIPMENT SHALL BE ORDERED UNTIL REVIEWED BY THE ENGINEER, LANDLORD AND/OR ARCHITECT.

I. GENERAL CONTRACTOR SHALL SUBMIT SHOP DRAWINGS PER THE DOCUMENTS PROVIDED BY THE TENANT/CONTRACTOR.

J. CATALOG DATA FOR EQUIPMENT REVIEWED BY THE ARCHITECT SHALL NOT SUPERSEDE THE ENGINEER'S CONTRACT DOCUMENTS. THE REVIEW OF THE ENGINEER SHALL NOT RELIEVE THE GENERAL CONTRACTOR FROM RESPONSIBILITY FOR DEVIATIONS FROM DRAWINGS OR SPECIFICATIONS, PROVIDING PROPER CLEARANCE, FABRICATION PROCESS AND COORDINATION WITH OTHER TRADES.

K. WHEN SUBMITTED FOR THE ARCHITECT'S REVIEW, SHOP DRAWINGS SHALL BEAR THIS CONTRACTOR'S CERTIFICATION THAT THIS CONTRACTOR HAS REVIEWED, CHECKED AND APPROVED THE SHOP DRAWINGS, THAT THEY ARE IN HARMONY WITH THE REQUIREMENTS OF THE PROJECT AND WITH THE PROVISIONS OF THE CONTRACT DOCUMENTS AND THAT THIS CONTRACTOR HAS VERIFIED ALL FIELD MEASUREMENTS AND CONSTRUCTION CRITERIA, MATERIALS, CATALOG NUMBERS AND SIMILAR DATA. GENERAL CONTRACTOR SHALL ALSO CERTIFY THAT THE WORK REPRESENTED BY THE SHOP DRAWINGS AS RECOMMENDED BY THIS CONTRACTOR AND THE GENERAL CONTRACTOR'S GUARANTEE WILL FULLY APPLY

L. ALL CONTRACTORS SUBMITTING PROPOSALS FOR THIS WORK SHALL FIRST EXAMINE THE SITE AND ALL CONDITIONS THEREIN. ALL PROPOSALS SHALL TAKE INTO CONSIDERATION ALL SUCH CONDITIONS AS MAY AFFECT THE WORK UNDER THIS CONTRACT. THE

M. CONTRACTOR SHALL VERIFY LOCATION OF UTILITIES AND NOTE CONDITIONS WHICH WOULD AFFECT THE WORK. ALL DISCREPANCIES

N. WITHIN 90 DAYS AFTER THE DATE OF SYSTEM ACCEPTANCE, RECORD DRAWINGS OF THE ACTUAL INSTALLATION SHALL BE PROVIDED TO THE BUILDING LANDLORD. RECORD DRAWINGS SHALL INCLUDE AS A MINIMUM THE LOCATION AND PERFORMANCE DATA ON EACH

O. ANY REFERENCE TO TENANT OR TENANT CONSTRUCTION MANAGER, OR FURNISHED BY ANY OF THE ABOVE, REFERS TO VACU.

WHERE TRADE NAMES AND MANUFACTURERS ARE USED ON THE DRAWINGS OR IN THE SPECIFICATIONS, THE EXACT EQUIPMENT SHALL BE USED. THE USE OF ANY UNAUTHORIZED EQUIPMENT SHALL BE SUBJECT TO REMOVAL AND

2. THIS CONTRACTOR SHALL SUBMIT ONLY SUBSTITUTION REQUESTS TO TENANT CONSTRUCTION MANAGER FOR APPROVAL. SUBMISSIONS SHALL BE MADE EARLY ENOUGH IN PROJECT TO ALLOW FOUR (4) WORKING DAYS FOR TENANT CONSTRUCTION MANAGER'S REVIEW WITHOUT CAUSING DELAYS OR CONFLICTS TO THE JOB'S PROGRESS. SUBMITTALS SHALL BEAR THE STAMP OF THE CONTRACTOR AND THE SUB-CONTRACTOR SHOWING THAT THEY HAVE REVIEWED AND CONFIRMED THAT THE SUBMITTALS ARE IN CONFORMANCE WITH THE CONTRACT DRAWINGS AND SPECIFICATIONS OR INDICATE WHERE EXCEPTIONS

THIS CONTRACTOR SHALL BE RESPONSIBLE FOR THE DEMOLITION AND REMOVAL OF EXISTING WORK. FIELD VERIFY AND COORDINATE ANY EXISTING EQUIPMENT REQUIRED TO BE LEFT INTACT AND PROTECT EQUIPMENT TO REMAIN DURING

THIS CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND LABOR PROVIDED UNDER THIS CONTRACT AND SHALL MAKE GOOD, REPAIR OR REPLACE AT NO ADDITIONAL COST ANY DEFECTIVE WORK, MATERIAL, OR EQUIPMENT DISCOVERED WITHIN 12 MONTHS FROM THE DATE OF CERTIFICATE OF OCCUPANCY. THIS GUARANTEE SHALL EXTEND TO LABOR AND MISCELLANEOUS MATERIALS REQUIRED FOR THE INSTALLATION OF EQUIPMENT. THIS CONTRACTOR IS RESPONSIBLE TO VERIFY. COORDINATE AND FOLLOW ALL PROPER HANDLING AND INSTALLATION TECHNIQUES WITH MANUFACTURER(S) IN ORDER TO MAINTAIN

22 06 00 PLUMBING BASIC MATERIALS AND METHODS

A. PROVIDE AND ERECT THE FOLLOWING PIPING AS SHOWN ON THE DRAWINGS AND/OR AS REQUIRED.

SANITARY BUILDING DRAIN AND VENT PIPING SHALL BE SERVICE WEIGHT CAST IRON SOIL PIPE. 2. SCHEDULE 40 PVC PIPING CAN BE USED FOR SANITARY WASTE AND VENT PIPING WHERE LOCAL CODE ALLOWS AND WITH APPROVAL FROM LANDLORD. PVC NOT ALLOWED IN RETURN AIR PLENUM.

WILL ARRANGE THE WORK ACCORDINGLY, ASSUMING ALL RESPONSIBILITY FOR PROPER LOCATION. IN THE ERECTION OF THE MAINS, SPECIAL CARE SHALL BE USED PROVIDING SUPPORT AND PROPER ALLOWANCES SHALL BE MADE FOR EXPANSION.

C. ALL PIPE LINES MUST BE PROVIDED WITH A SUFFICIENT NUMBER OF FITTINGS OR UNIONS TO MAKE POSSIBLE DISASSEMBLY WITHOUT

OBLIQUE BENDS WILL BE PERMITTED. DRAWINGS ARE DIAGRAMMATIC AND SHOULD NOT BE USED FOR LAYOUT WORK.

E. ALL LOW POINTS IN WATER PIPING TO HAVE DRAIN VALVES WITH STANDARD HOSE ATTACHMENTS. HOT AND COLD WATER PIPING IS TO PITCH TOWARD THE NEAREST DRAIN VALVE.

OTHER OBSTACLES TO AVOID INTERFERENCE AND TO PERMIT THE APPLICATION OF FULL THICKNESS OF INSULATION SPECIFIED.

G. MECHANICAL JOINT TYPE PIPING SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.

B. VENT STACKS SHALL EXTEND THROUGH THE BUILDING, TERMINATING 12" ABOVE THE ROOF. STANDARD FLASHING SHALL BE EXTENDED 12" IN ALL DIRECTIONS FROM THE VENT TERMINAL AND TURNED DOWN INTO VENT. FLASHING UNITS AS MADE BY

C. HORIZONTAL RUNS SHALL BE GIVEN AS STEEP A PITCH TOWARD THE OUTLET AS CONDITIONS WILL PERMIT BUT NOT LESS THAN 1/8"

ACCESSIBLE POSITIONS AT ENDS OF HORIZONTAL LINES OF PIPE AND AT FOOT OF ALL VERTICAL LINES OF PIPE OR ELSEWHERE, AS MAY BE REQUIRED BY THE CODE.

E. WHERE CLEANOUTS OCCUR IN FINISHED AREAS, THEY SHALL BE RECESSED AND COVERS TO BE FLUSH WITH THE FLOOR OR WALL.

G. ALL COPPER TUBING SHALL HAVE SWEAT JOINTS AND BE CLEAN OF SCALE AND FOREIGN MATTER BEFORE INSTALLATION. ALL ENDS OF TUBING TO BE SWEATED SHALL BE REAMED, CLEANED AND BURNISHED TO REMOVE DIRT AND OXIDE. HARD 95-5 SOLDER SHALL BE USED AND APPLIED TO THE JOINTS ACCORDING TO STANDARD PRACTICE AND/OR MANUFACTURER'S RECOMMENDATIONS. SUITABLE ADAPTERS SHALL BE USED AT CONNECTION TO EQUIPMENT

H. EACH HOT AND COLD WATER BRANCH SHALL BE PROVIDED WITH A GATE VALVE SHUT-OFF AND EACH FIXTURE SHALL BE PROVIDED WITH A STOP VALVE.

D. ALL WORK SHALL CONFORM TO CODES, RULES, AND REGULATIONS:

STATE MECHANICAL CODE.

LOCAL BUILDING CODE REQUIREMENTS. BUILDING INSURING AGENCY REQUIREMENTS.

TIME BY AND AT THE EXPENSE OF THIS CONTRACTOR.

G. PIPING AND EQUIPMENT LAYOUT IS SCHEMATIC. EXACT LOCATIONS ARE DETERMINED BY STRUCTURAL AND OTHER CONDITIONS.

SUBMITTING OF A BID AUTOMATICALLY IMPLIES THAT THIS EXAMINATION OF SITE HAS BEEN DONE.

SHALL THEN BE REPORTED PRIOR TO THE BID AWARD.

PIECE OF EQUIPMENT, GENERAL CONFIGURATION OF DISTRIBUTION SYSTEM INCLUDING SIZES.

P. TRADE NAMES, MANUFACTURERS AND SHOP DRAWINGS

REPLACEMENT AT THIS CONTRACTOR'S EXPENSE HAVE BEEN TAKEN.

Q. DEMOLITION

R. WARRANTY AND GUARANTEE

MANUFACTURER'S WARRANTY.

3. DOMESTIC HOT AND COLD WATER USE TYPE "L" HARD COPPER PIPE.

B. THIS CONTRACTOR IS TO BECOME INFORMED OF THE EXACT DIMENSIONS OF FINISHED WORK WHERE PIPES ARE TO BE PLACED AND

D. ALL EXPOSED PIPING SHALL BE NEAT AND CAREFULLY ALIGNED WITH THE STRUCTURAL ELEMENTS OF THE BUILDING. NO OFFSETS OR

F. ALL PIPES TO BE INSTALLED SHALL BE LOCATED AT SUFFICIENT DISTANCE FROM WALLS, OTHER PIPES, CONDUIT, DUCTWORK AND

H. ALL SLEEVES AND OPENINGS THROUGH FIRE RATED WALLS AND/OR FLOORS SHALL BE FIRE SEALED WITH CALCIUM SILICATE, SILICONE "RTV" FOAM, "3M" FIRE RATED SEALANTS OR EQUAL, SO AS TO RETAIN THEIR FIRE RATING.

22 13 16 HOT AND COLD WATER, SANITARY WASTE AND VENT PIPING

A. BUILDING DRAIN, SOIL, WASTE AND VENT LINES SHALL BE SERVICE WEIGHT CAST IRON HUBLESS PIPE WITH TYPE 304 STAINLESS STEEL CLAMPS AT COUPLINGS. SCHEDULE 40 PVC MAY BE USED FOR SANITARY WASTE AND VENT PIPING WHERE ALLOWED BY LOCAL CODE AND WITH APPROVAL OF LANDLORD. PVC NOT ALLOWED IN RETURN AIR PLENUM.

STONEMAN CAULK TYPE NO. S1110-4 MAY BE USED IN LIEU OF FIELD FABRICATED FLASHING.

D. FULL "Y" BRANCH FITTINGS AND EXTENSION WITH BRASS NIPPLES AND FINISHED SCREW PLUGS FOR CLEANOUTS SHALL BE PLACED IN

F. HOT AND COLD WATER PIPING, ABOVE GROUND, SHALL BE TYPE "L" HARD COPPER TUBE WITH SOLDER FITTINGS. EXPOSED PIPING SHALL BE CHROME PLATED BRASS.

AND FLUSH OUT SYSTEM UPON COMPLETION OF WORK. SEND DOCUMENTATION ON OFFICIAL LETTERHEAD OF TESTING LABORATORY

D. STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.

STERILIZATION SHALL BE BY MEANS OF CHLORINE INJECTED INTO THE WATER SYSTEM NEAR THE SOURCE AND OUTLETS

THROUGHOUT THE SYSTEM SHALL BE TESTED TO PROVE PRESENCE OF MINIMUM REQUIREMENTS. LEAVE CHLORINE IN FOR 24 HOURS

E. PROVIDE CERTIFICATE OF STERILIZATION IN FINAL CLOSE OUT PACKAGE TO BE DELIVERED TO TENANT PROJECT MANAGER.

22 42 20 GAS PIPING

GAS PIPING SIZE 1-1/2" AND SMALLER SHALL BE SCHEDULE 40 BLACK STEEL WITH SOCKET WELDED FITTINGS.

B. ABOVE-GROUND LOCATIONS: GAS PIPING MAY BE INSTALLED IN ACCESSIBLE ABOVE-GROUND CEILING SPACES (SUBJECT TO THE APPROVAL OF THE AUTHORITY HAVE JURISDICTION), WHETHER OR NOT SUCH SPACE ARE USED AS A PLENUM. VALVES SHALL NOT BE LOCATED IN SUCH SPACES SPACES. PIPING IN PLENUM SHALL BE WELDED.

A. ALL ABOVE-GROUND GAS PIPING SIZE 2" AND LARGER SHALL BE SCHEDULE 40 BLACK STEEL WITH WELDED JOINTS. ABOVE-GROUND

C. THIS CONTRACTOR MAY SUBSTITUTE THREADED FITTINGS 1-1/2" AND SMALLER AND WHERE ALLOWED BY LOCAL AUTHORITY HAVING JURISDICTION, PIPING IN IN PLENUMS SHALL BE WELEDED.

D. GAS COCK'S 1-1/2" AND SMALLER SHALL BE ALL BRONZE, SCREWED, FLAT HEAD, BRASS PLUG AND WASHER 200 LB. NOG.

E. PROVIDE LINE SIZE 6" LONG DIRT LEG AND GAS COCK AT ALL EQUIPMENT CONNECTIONS.

F. ALL EQUIPMENT SHALL SHALL BE CONNECTED WITH RIGID PIPING AS SPECIFIED ABOVE, FLEXIBLE CONNECTORS ARE NOT

G. PROVIDE UNION AT ALL EQUIPMENT CONNECTIONS.

TO TENANT AND ENGINEER AFTER STERILIZATION.

22 57 00 PLUMBING FIXTURES AND EQUIPMENT

1. 125 LB. S.W.P. BALL AND CHECK VALVES:

2. FULL PORT BALL VALVES (2-1/2" AND SMALLER) - ALL BRONZE, TEFLON STEM SEALS AND SEAT, 1/4 TURN SHUT-OFF, VINYL 3. CHECK (2-1/2" AND SMALLER) - ALL BRONZE, SCREWED, HORIZONTAL SWING CHECK WITH BRONZE DISC.

B. VALVES SHALL BE MILWAUKEE VALVE. EQUAL PRODUCTS BY CRANE OR NIBCO MAY BE FURNISHED AT THE CONTRACTOR'S OPTION. C. UNIONS TO BE AS FOLLOWS:

1. UNIONS FOR COPPER PIPE TO BE 150 LB., ALL BRONZE, SOLDER END TYPE BY CHASE. EQUAL PRODUCTS BY NIBCO, ELKHART OR MUELLER MAY BE FURNISHED AT THE CONTRACTOR'S OPTION. 2. DIELECTRIC UNIONS BETWEEN FERROUS AND COPPER SHALL BE INSULATED TO PREVENT METAL-TO-METAL CONTACT AND SHALL BE MANUFACTURED BY WATTS. EQUAL PRODUCTS BY ZURN.

D. WATER CLOSETS, URINALS AND LAVATORIES SHALL BE VITREOUS CHINA AS SCHEDULED AND PROVIDED BY CONTRACTOR. INSTALL PER ADA REQUIREMENTS.

22 57 13 INSULATION

A. VALVES TO BE AS FOLLOWS:

A. PIPE INSULATION AND APPURTENANCES AND COVERINGS ON PIPES USED IN CHASES, SHAFTS OR OTHER CONCEALED SPACES IN TYPES 1 AND 2 CONSTRUCTION SHALL HAVE A FLAME SPREAD RATING NOT EXCEEDING TWENTY-FIVE (25) AND IN TYPE 3 AND 4 CONSTRUCTION NOT EXCEEDING SEVENTY-FIVE (75) AND A SMOKE DEVELOPED RATING NOT EXCEEDING FIFTY (50).

INSULATION SHALL BE JOHNS MANVILLE MICRO-LOK HP FIBERGLASS WITH FACTORY APPLIED ALL SERVICE JACKET WITH SELF-SEALING TAPE. INSULATION SHALL LIMIT HEAT LOSS TO 25 BTU/HR./SQ.FT. OF PIPE SURFACE WITH 55 DEGREES AMBIENT, AND SHALL BE 1/2" THICK ON COLD WATER PIPING, 1" THICK ON HOT WATER PIPING 1-1/2" AND SMALLER AND 1-1/2" THICK ON HOT WATER PIPING LARGER THAN 1-1/2". APPLY INSULATION ALL THE WAY TO POINT OF CONNECTION AT EACH PIECE OF EQUIPMENT INCLUDING

C. EXPOSED PIPE FITTINGS, ELBOWS AND VALVES SHALL BE INSULATED WITH ZESTON INSULATION AND HAVE FACTORY PREMOLDED PVC COVERS. BUTT THE JOINTS TOGETHER AND WRAP WITH 3" WIDE STRIP TAPE.

D. INSULATION SHALL NOT BE APPLIED UNTIL THE GENERAL CONSTRUCTION HAS PROGRESSED SUFFICIENTLY TO INSURE AGAINST PHYSICAL OR MOISTURE DAMAGE TO THE INSULATION. ALL INSULATION DAMAGED THROUGH FAILURE TO OBSERVE THIS DIRECTIVE SHALL BE REPLACED BY THIS CONTRACTOR AT THIS CONTRACTOR'S EXPENSE.

G. INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING. CONTINUE INSULATION TO POINT OF CONNECTION H. INSULATION SHALL BE JOHNS MANVILLE. EQUAL PRODUCT BY ARMSTRONG, CERTAINTEED, OWENS-CORNING OR KNAUF MAY BE

FURNISHED AT THE CONTRACTOR'S OPTION 22 58 00 PLUMBING SYSTEM TESTING

A. SYSTEM TESTING SHALL PROVIDE FOR THE FOLLOWING:

TEST NEW INTERIOR DOMESTIC WATER SYSTEM.

INSTALL ALL INSULATION ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

INSTALL INSULATION OVER ALL LANDLORD PIPING WITHIN DEMISED PREMISES.

TEST ALL SOIL, WASTE, AND VENT PIPING. FURNISH ALL PUMPS FOR AIR AND WATER PRESSURE TESTS ALONG WITH GAUGES AND ANY OTHER REQUIRED TEST 4. TEST PIPING IN ACCORDANCE WITH GAS COMPANY REQUIREMENTS. AFTER TESTING, PURGE SYSTEM COMPLETELY.

B. UNDERGROUND LINES TO BE TESTED BEFORE CONCEALED. THIS CONTRACTOR SHALL REPAIR ANY LEAKS AND ALL DAMAGE RESULTING THEREFROM.

1. CHANGES IN AMBIENT TEMPERATURE WILL BE TAKEN INTO ACCOUNT WHEN TESTING UNDERGROUND PIPING, HOWEVER, THE VARIOUS SYSTEMS SHALL BE THOROUGHLY INSPECTED FOR LEAKS BEFORE HYDROSTATIC PRESSURE TESTS ARE

REPAIR ANY LEAKING JOINTS AND DEMONSTRATE ACCEPTABLE LEAKAGE TO SATISFACTION OF TENANT'S REPRESENTATIVE AND

APPROVING AUTHORITY FLUSH ALL PIPING BEFORE PLACING INTO OPERATION