

GENERAL

A. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT.

B. VERIFY ALL GOVERNING DIMENSIONS, PIPE SIZES AND LOCATION AT THE BUILDING.

C. CAREFULLY EXAMINE EXISTING CONDITIONS BEFORE SUBMITTING PROPOSAL. PROPOSAL SHALL INCLUDE ALL WORK REQUIRED FOR A COMPLETE SAFE INSTALLATION OF PLUMBING SYSTEMS.

D. COORDINATE ALL WORK TO MINIMIZE INTERFERENCE WITH EXISTING FACILITIES AND OTHER TRADES.

E. SUBMISSION OF PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT REQUIRED EXAMINATION OF FIELD CONDITIONS AND CONTRACT DRAWINGS HAS BEEN MADE. LATER CLAIMS FOR EXTRA LABOR, EQUIPMENT AND MATERIALS REQUIRED DUE TO DIFFICULTIES, WHICH COULD HAVE BEEN FORESEEN, WILL NOT BE RECOGNIZED.

F. PROVIDE BUILDING MANAGER WITH WRITTEN NOTICE AT LEAST 72 HOURS PRIOR TO THE COMMENCEMENT OF ANY DEMOLITION, ALTERATION OR CONSTRUCTION WORK.

G. NOTIFY OWNER A MINIMUM OF FIVE WORKING DAYS PRIOR TO PERFORMING WORK IN OTHER THAN THIS PROJECT PREMISES. ALL WORK OTHER THAN THIS PROJECT PROMISES MUST BE PERFORMED AFTER NORMAL WORKING HOURS (8:00 AM TO 6:00 PM MONDAYS THROUGH FRIDAYS) OR BE PERFORMED ON WEEKENDS.

H. NOTIFY OWNER A MINIMUM OF 72 HOURS PRIOR TO PERFORMING ANY SHUTDOWNS OF THE PLUMBING SYSTEM. PLUMBING SYSTEM SHUT DOWNS SHALL BE PERFORMED AT DESIGNATED TIMES UNDER BUILDING MANAGER SUPERVISION AT NO EXTRA COST.

I. ANY WORK (INCLUDING, BUT NOT LIMITED TO DEMOLITION, REMOVALS, CUTTING AND CORE DRILLING) THAT CAUSES EXCESSIVE NOISE AUDIBLE OUTSIDE THE PREMISES, OR OTHERWISE CAUSES INCONVENIENCE TO OTHER TENANTS OR DISTURBS THE BUILDING OPERATIONS, MUST BE PERFORMED AFTER NORMAL WORKING HOURS (8:00 AM TO 6:00 PM MONDAYS THROUGH FRIDAYS) OR BE PERFORMED ON WEEKENDS.

J. PROVIDE WORKSMANSHIP OF HIGHEST GRADE. INSTALL ALL EQUIPMENT IN CONFORMANCE WITH MANUFACTURER'S RECOMMENDATIONS, REQUIREMENTS OF NEW YORK CITY BUILDING CODE AND BUILDING MANAGEMENT RULES GOVERNING TENANT ALTERATIONS OF DEMISED SPACE.

K. PROVIDE ONE YEAR GUARANTEE AGAINST DEFECTIVE WORKSMANSHIP AND MATERIAL.

L. JOB CONDITIONS

1) CONNECTIONS TO EXISTING WORK

a) INSTALL NEW WORK AND CONNECT TO EXISTING WORK WITH MINIMUM INTERFERENCE TO EXISTING FACILITIES.

b) PROVIDE TEMPORARY SHUTDOWNS OF EXISTING SERVICES AT NO ADDITIONAL CHARGES AND ONLY WITH WRITTEN CONSENT OF OWNER. SCHEDULE SHUTDOWNS NOT TO INTERFERE WITH NORMAL OPERATION OF EXISTING FACILITIES.

c) MAINTAIN CONTINUOUS OPERATION OF EXISTING FACILITIES AS REQUIRED WITH NECESSARY TEMPORARY CONNECTIONS BETWEEN NEW AND EXISTING WORK.

d) CONNECT NEW WORK TO EXISTING WORK IN NEAT AND ACCEPTABLE MANNER. RESTORE EXISTING DISTURBED WORK TO ORIGINAL CONDITIONS.

2) REMOVAL AND RELOCATION OF EXISTING WORK

a) DISCONNECT, REMOVE OR RELOCATE PLUMBING PIPING, AND OTHER WORK REQUIRED BY ALTERATIONS, MODIFICATIONS OR CHANGES IN EXISTING CONSTRUCTION.

b) PLUG OR CAP AFFECTED LINES BEHIND OR BELOW FINISH.

c) DISPOSE OF REMOVED PIPING AND MATERIAL.

d) CONNECT NEW WORK TO EXISTING WORK IN NEAT AND ACCEPTABLE MANNER. RESTORE EXISTING DISTURBED WORK TO ORIGINAL CONDITIONS.

2. SCOPE OF WORK

A. ALL REQUIRED LABOR, MATERIALS AND CONTRACTOR'S SERVICES NECESSARY FOR COMPLETE SAFE INSTALLATION OF PLUMBING WORK IN FULL CONFORMITY WITH REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION, ALL AS INDICATED ON DRAWINGS AND/OR HEREIN SPECIFIED.

1) SANITARY DRAINAGE AND VENT SYSTEM, INCLUDING CONNECTIONS TO EXISTING PIPING, NEW PLUMBING FIXTURES AND EQUIPMENT AS INDICATED.

2) DOMESTIC WATER SUPPLY SYSTEM, INCLUDING CONNECTIONS TO EXISTING PIPING, PLUMBING FIXTURES AND EQUIPMENT.

3) NEW PLUMBING FIXTURES AS INDICATED.

4) NEW PLUMBING EQUIPMENT AS INDICATED.

5) PLUMBING FIXTURE ROUGHING

6) CORE DRILLING, ROUGH CUTTING AND PATCHING

7) SHOP DRAWINGS

8) CONTROL AND ALARM WIRING

9) LABELING

10) SUPPLEMENTAL VALVE CHART

11) DEMOLITION

12) INSULATION.

13) CUTTING AND PATCHING.

14) PAY REQUIRED CHARGES.

15) DISINFECTION OF DOMESTIC WATER SYSTEM.

16) TESTING, FILING AND FEES.

B. DEMOLITION:

(1) DISCONNECT, REMOVE AND CAP OR PLUG EXISTING UNUSED PIPINGS AS NOTED OR REQUIRED.

(2) ALL EXISTING PLUMBING FIXTURES, PIPING AND EQUIPMENT TO BE REMOVED SHALL REMAIN THE PROPERTY OF THE OWNER AND SHALL BE DISPOSED OF BY THIS CONTRACTOR AS DIRECTED BY THE OWNER.

(3) THE CONTRACTOR SHALL DISCONNECT AND REMOVE ALL EXISTING UNUSED PIPING AND FIXTURES WITHOUT INTERRUPTING EXISTING REEDED FUNCTIONING SYSTEMS.

(4) ALL PIPING FROM FIXTURES TO BE REMOVED AND REPLACED SHALL BE PROPERLY PLUGGED OR CAPPED, AT WALL OR FLOORS, TO AWAIT INSTALLATION OF NEW FIXTURES.

(5) ALL UNUSED PIPING AND RELATED ITEMS CONCEALED IN WALLS, FLOORS, CEILINGS WITHIN THE STRUCTURE SHALL BE ABANDONED AND REMOVED WHERE EXPOSED TO VIEW.

3. WORK NOT INCLUDED

A. FINAL PATCHING AND PAINTING (EXCEPT THIS CONTRACTOR SHALL DO CUTTING, CORE DRILLING AND ROUGH PATCHING AS REQUIRED AND PIPE STENCILING)

B. ACCESS DOORS

C. FINISHED PAINTING.

PROVIDE ONE YEAR GUARANTEE AGAINST DEFECTIVE WORKMANSHIP AND MATERIALS.

SUBMITTALS

A. SUBMIT SHOP DRAWINGS FOR THE FOLLOWING:

- 1) PLUMBING FIXTURES, TRIM AND TRAP ETC.
- 2) PIPING LAYOUT INDICATING PIPE SIZES AND ELEVATIONS.
- 3) ANCHORS.
- 4) HANGERS.
- 5) VALVES.
- 6) VACUUM BREAKER.
- 7) INSULATION.
- 8) PLUMBING FIXTURES.
- 9) PLUMBING EQUIPMENT.
- 10) PIPE, FITTINGS AND JOINTS.
- 11) POTABLE WATER PURITY TEST RESULTS ON NEW PIPING.
- 12) CLEANOUTS.
- 13) WALL OR PARTITIONS.
- 14) DOMESTIC HOT WATER HEATERS
- 15) CHAIR CARRIERS
- 16) SLEEVES

B. IF THE CONTRACTOR DESIRES TO SUBMIT A SUBSTITUTION HE SHALL PROVIDE THE ENGINEER WITH DESCRIPTIVE MATERIAL AND THE REASON FOR SUBSTITUTION. THE CONTRACTOR SHALL STATE THE DIFFERENTIAL IN PRICE. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR THE SUBSTITUTE. IN CASE THE SUBSTITUTE PERFORMANCE IS NOT EQUAL TO THE PERFORMANCE OF SPECIFIED ITEM THE CONTRACTOR SHALL REPLACE THE SUBSTITUTE WITH THE SPECIFIED ITEM AT NO COST TO THE OWNER.

C. AS-BUILT DRAWINGS

- 1) SUBMIT A SET OF REPRODUCIBLE AS-BUILT DRAWINGS SHOWING ALL WORK IN DETAIL TO ENGINEER. SUBMIT A SET OF AS-BUILT DRAWINGS ON SEPA-MYLAR SHOWING ALL WORK IN DETAIL TO BUILDING ENGINEER.

GENERAL ITEMS

ESCUTCHEONS: PROVIDE EXPOSED PIPING BOTH BARE AND COVERED, WITH CHROME PLATED CAST BRASS OR CAST IRON ESCUTCHEONS WHERE PASSING FLOORS, CEILING, OR PARTITIONS.

SLEEVES: PROVIDE NO. 22 USSO GALVANIZED IRON SLEEVES EXTENDED THROUGH CONSTRUCTION: FLOORS, CEILING, WALLS, AND PARTITIONS. FOR INSULATED PIPING, SIZE TO ALLOW INSULATION TO PASS THROUGH SLEEVE. SPACE BETWEEN PIPE AND SLEEVE (OPENING) IN FIRE RATED CONSTRUCTION SHALL NOT EXCEED ONE-HALF INCH, AND SHALL BE COMPLETELY PACKED WITH MINERAL WOOL OR EQUIVALENT NONCOMBUSTIBLE MATERIAL, AND SHALL BE CLOSED OFF BY CLOSE-FITTING METAL ESCUTCHEONS ON BOTH SIDES OF THE CONSTRUCTION.

LABELING: ON ALL PIPING, IN OR AT CEILING, 10 FT. ON CENTERS, INDICATING SYSTEM, SIZE AND DIRECTION OF FLOW.

SUPPORT PIPING AS REQUIRED BY CODE. FOR HORIZONTAL PIPING, "CLEVIS" HANGERS OR TRAPEZOID FOR MULTIPLE LINES. PROVIDE METAL PIPING BRACKETS ON INSULATED PIPING. HANGERS TO BE INSTALLED OVER PARTITIONS AND CHASES) SHALL BE SUPPORTED BY WIRES, BAND IRON CHAINS, OR FROM OTHER PIPING, OR BY VERTICAL EXPANSION BOLTS.

SUPPORT PIPING WITH HANGERS AND RODS SUPPORTED FROM APPROVED CONCRETE INSERTS OR WELDED SUPPORTS OF PROPER CONFIGURATION AND LOADING REQUIREMENTS FOR EACH LOCATION.

SUPPORT PIPING INSIDE CHASES WITH METAL STRAPS ATTACHED TO STUDS, UNIVERSAL BRACKETS AND CLIPS, SIMILAR TO B-LINE RUFFIN. PROVIDE COPPER PLATED CLIPS FOR COPPER PIPING.

SUPPORT MATERIALS: SAME AS PIPING MATERIALS.

SUPPORT PIPING AT DISTANCES AS REQUIRED BY CODE.

CUTTING: ALL REQUIRED FOR WORK.

CLEANING: REMOVE FROM PREMISES ALL DEBRIS RESULTING FROM WORK OF THIS SECTION. LEAVE WORK OF THIS SECTION CLEAN AND IN PERFECTED CONDITIONS.

VALVE TAGS AND CHARTS:

- 1) PROVIDE 2" ROUND BRASS TAG STAMPED WITH DESIGNATING NUMBERS 1" HIGH FILLED IN WITH BLACK ENAMEL TO EACH VALVE EXCEPT THOSE CONTROLLING A SINGLE FUTURE.
- 2) SECURELY FASTEN VALVE TAG TO VALVE SPINDLE OR HANDLE WITH BRASS KNOT OR CHAIN.
- 3) PROVIDE FRAMED CHART LISTING OPERATION, LOCATION AND PURPOSE OF VALVES. COORDINATE WITH EXISTING BUILDING VALVE CHART.

DISSIMILAR METALS: PROVIDE BRASS OR COPPER WATER PIPING CONNECTED TO GALVANIZED PIPE AND FOR ANY OTHER DISSIMILAR METALS WITH DIELECTRIC FITTINGS.

EXPANSION ANCHORS:

- 1) APPROVED TYPE, U.L. LISTED, SMOOTH WALL, NON-SELF DRILLING, INTERFERE-PLUG EXPANSION TYPE ANCHORS CONSTRUCTED OF AISC 1214 STEEL AND ZINC PLATED IN ACCORDANCE WITH FEDERAL SPECIFICATION QQ-A-325 TYPE 1, CLASS 3. ANCHORS SHOULD BE SIMILAR TO HILTI-HD.
- 2) DO NOT EXCEED 1/4" OR AVERAGE VALUES FOR A SPECIFIC ANCHOR SIZE USING 2000 PSIG COMPRESS ONLY FOR A MAXIMUM WORKING LOAD.
- 3) INSTALL IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
- 4) MINIMUM SIZE TO BE 3 INCHES LONG WITH 1/4 INCH BOLT.
- 5) EXPANSION ANCHORS SHALL NOT BE USED IN CINDER CONCRETE SLABS. HILTI HX SLEEVE ANCHORS, MINIMUM 3/8" HOLE SIZE, 3" BE LONG SHALL BE USED IN CINDER CONCRETE WITH AT LEAST 3" EMBEDMENT.

AIR CHAMBERS: PROVIDE ON HOT AND COLD WATER SUPPLY EACH FIXTURE, 12" HIGH AND SAME SIZE AS BRANCH, EXCEPT WHERE SHOCK ABSORBERS ARE PROVIDED.

SHOCK ABSORBERS: PROVIDE WATER HAMMER ARRESTORS ON WATER LINES SERVING COLD CLOSING VALVES.

SANITARY DRAINAGE AND VENT ABOVE GROUND:

- 1. PIPE AND FITTINGS: CAST IRON HUBLESS SOIL PIPE, CISPI 301, SERVICE WEIGHT.
- 2. JOINTS: 24 GAUGE, 304 STAINLESS STEEL COUPLINGS WITH NEOPRENE GASKETS, RATED FOR 15 PSI AND REQUIRING A MINIMUM OF 100 INCH-LBS OF TORQUE, SIMILAR TO HUSKY.
- 3. CAREFULLY NOTE MANUFACTURER'S RECOMMENDATIONS REGARDING ADDITIONAL SUPPORTS REQUIRED FOR NO HUB PIPING INSTALLATIONS, AND INSTALL PIPING IN ACCORDANCE WITH THOSE STANDARDS.
 - a) ALL HUBLESS PIPES SHALL BE ANCHORED AT EACH SIDE OF JOINT AT FIVE (5) FOOT INTERVALS.

B. DOMESTIC WATER DISTRIBUTION (COLD, HOT):

- 1. PIPE: COPPER TUBING TYPE "L" HARD DRAWN, ASTM B88.
- 2. FITTINGS: WROUGHT COPPER AND BRONZE SOLDER JOINT PRESSURE FITTING: ANSI B.16.18.
- 3. JOINTS: 95-5 TIN-ANTIMONY SOLDER, ASTM B32, GRADE 95TA FOR PRESSURE PIPING.
- 4. EXPOSED PIPING AT FIXTURES: CP BRASS.

VALVES

- A. SHUT-OFF VALVES:
 - 1. PROVIDE SHUT-OFF VALVES WERE INDICATED.
 - 2. SHUT-OFF VALVES: BRONZE RISING STEM GATE TYPE 600 PSI WSP, THREADED ENDS, SIMILAR TO STOCKHAM NO. B-107, SOLDER JOINT ENDS, SIMILAR TO STOCKHAM NO. B-109.
- B. CHECK VALVES:
 - 1. BRONZE SWING TYPE, 600 PSI, SIMILAR TO STOCKHAM NO. B-319; SOLDER JOINT ENDS, SIMILAR TO STOCKHAM NO. B-309.

C. INSULATION

- A. FLAME SPREAD: 25 OR LESS, SMOKE DEVELOPED: 50 OR LESS.
- B. FIRE RETARDANT JACKET ON PIPE INSULATION.
- C. VALVES AND FITTINGS: PREMOULDED FIBERGLASS FITTINGS OR RADIAL MITERED SEGMENTS OF PIPE INSULATION, INSULATING CEMENT, FIBERGLASS REINFORCING CLOTH, AND MASTIC. VAPOR SEAL INSULATION ON CP PIPING.
- D. CW PIPING: 1" THICK FIBERGLASS SECTIONAL PIPE COVERING WITH VAPOR BARRIER JACKET. NO STAPLES PERMITTED.
- E. HW PIPING: 1" FIBERGLASS SECTIONAL PIPE COVERING. IN ACCORDANCE WITH NEW YORK STATE FITTING CODES.
- F. FITTINGS: MANVILLE ZESTON 2000 PVC FIBERGLASS COVERS WITH FIBER GLASS INSULATION INSERT.
- G. SWEATPROOFING: AS SPECIFIED FOR CW PIPING.
- H. PROVIDE SECTION OF NON COMPRESSING INSULATION FULL LENGTH OF SHIELD AT ALL HANGERS.

D. CLEANOUTS

- A. PROVIDE CAST BRONZE CLEANOUTS IN ACCORDANCE WITH ANSI A112.36.2 FULL SIZE UP TO 4 IN.
- B. IN OR BEFORE WALLS AND PARTITIONS, PROVIDE CAST BRONZE PLUGS WITH SATIN FINISH CP BRASS WALL PLATE J.R. SMITH NO. 4532 (HUB AND SPIGOT), OR, NO. 4472 (NO-HUB).

1. PLUMBING FIXTURES

- A. ALL PLUMBING FIXTURES & TRIM SHALL BE SPECIFIED BY ARCHITECT.
- B. GENERAL:
 - 1) EXPOSED PIPE, FITTINGS, TRAPS, ESCUTCHEONS, VALVES, VALVE HANDLES AND ACCESSORIES, ABOVE AND BELOW FIXTURES, SET SCREW CP BRASS TRIM.
 - 2) SET SCREW CP CAST BRASS ESCUTCHEONS FOR PIPING AND TUBING.
 - 3) PROVIDE STOP VALVES.
 - 4) FIXTURES SHALL BE NEW WHITE, VITREOUS CHINA FIXTURES, BEST OF THEIR KIND WITH POLISHED CHROME PLATED TRIM
- C. STAINLESS STEEL PANTRY SINKS:
 - 1) PROVIDE TYPE 316 STAINLESS STEEL STRAINER, ELKAY NO. LX-18
 - 2) 1-1/2 IN X 2 IN CAST BRASS P-TRAP WITH CLEANOUT, MCGUIRE NO. 204 WITH 12 GAUGE COPPER TUBING TAIL PIECE, MCGUIRE NO. 164, CONNECT TO CONCEALED WASTE PIPING USING CP CAST BRASS NIPPLE WITH CP CAST BRASS SET SCREW AND ESCUTCHEON, MCGUIRE NO. 3127.
 - 3) STOPS: 1/2 IN LOCKSHIELD ANGLE TYPE WITH STOPPING BOX AND LOOSE KEY, DICK BROS. NO. 284 FSNLK AND CP CAST BRASS SET SCREW ESCUTCHEON.
 - 4) FOR HANDICAP SINKS: TRAP, SUPPLIES AND ATRAIGHT STOPS SHALL RUN CLOSE TO WALL TO CLEAR KNEES OF MORE THAN 6 IN. OFF THE WALL, PROVIDE 1/2" INSULATION ON EXPOSED HOT WATER AND DRAIN: TRUEBRO-LAV GUARD)
- D. REFRIGERATOR (BY ARCHITECT)
 - 1) PROVIDE 1/2 IN. VALVED COLD WATER CONNECTION WITH CHECK VALVE.
 - 2) PROVIDE FILTER.
- E. DISHWASHER (BY ARCHITECT)
 - 1) PROVIDE 1/2 IN. VALVED WATER CONNECTION WITH DUAL CHECK VALVE
 - 2) PROVIDE DRAIN.
- F. COFFEEMAKER (BY ARCHITECT)
 - 1) PROVIDE 1/2 IN. VALVED WATER CONNECTION WITH VACUUM BREAKER.
 - 2) PROVIDE FILTER.

2. VACUUM BREAKER

- A. NON-CONTINUOUS PRESSURE USE WITH BACK PRESSURE
 - 1) CAST BRASS BODY, WITH FULL SIZE ORifice
 - 2) ATMOSPHERE TYPE, WATTS NO. 288A OR EQUAL

UNDER - SINK WATER FILTER CUNO WATER FILTER SYSTEMS, AQUA-PURE MODEL AP-200.

B. PROVIDE 24 ADDITIONAL REPLACEMENT CARTRIDGES.

PLUMBING EQUIPMENT:

A. ELECTRIC WATER HEATERS HAVE SHOWN ON PLUMBING PLAN

B. EXPANSION TANK AMTROL AST-12 (REFER TO WATER HEATER DETAIL)

FLOOR DRAIN:

A. PROVIDE DUCO CAST IRON BODY WITH FLASHING COLLAR AND NICKEL BRONZE ADJUSTABLE STRAINER, SQUARE TOP; J.R. SMITH 2010.

P-TRAP

A. PROVIDE DEEP SEAL P-TRAP

FLASHING

A. FLOOR DRAINS: PROVIDE 2' X 2' LEAD SHEET CAULKING SET AROUND DRAIN AND INTO FLASHING COLLAR. COORDINATE WITH FLOOR CONSTRUCTION AND FINISH.

FUNNEL DRAIN:

A. PROVIDE FUNNEL DRAIN SIMILAR TO J.R.SMITH NO. 3821

DIELECTRIC FITTINGS

A. CONNECTIONS BETWEEN FERROUS AND NON FERROUS PIPE OR EQUIPMENT CONNECTIONS SHALL BE MADE USING ISOLATING UNION AS OR FLANGE JOINTS MANUFACTURING BY EPSO SALES INC. OR APPROVED EQUAL.

DRIP PAN

A. 18 GAUGE GALVANIZED SHEET METAL

B. PROVIDE UNDER PIPING WHEN INSTALLED OVER OR WITHIN 5 FEET OF ELECTRICAL APPARATUS OR IN ROOMS CONTAINING ELECTRICAL EQUIPMENT OR UNDER DRAINAGE FOR PIPING AT CEILING OF FOOD PREPARATION AREAS.

C. PAN SHALL BE REINFORCED, PROPERLY SUPPORTED AND MADE WATER TIGHT. PROVIDE ENCLOSED TYPE FOR PRESSURE PIPING. EXTEND 1-1/4" INCH DRAIN FROM PAN TO SPILL OVER NEAREST FLOOR DRAIN.

DISINFECTION

A. DISINFECT INTERIOR POTABLE WATER DISTRIBUTION SYSTEM IN ACCORDANCE WITH REQUIREMENTS OF NYS BUILDING CODE, SECTION PC160

TEST

A. TEST DRAINAGE AND VENT PIPING AS REQUIRED BY NEW YORK STATE CODE.

B. TEST WATER PIPING WITH WATER AT TWICE OPERATING PRESSURE FOR TWO (2) HOURS WITHOUT PRESSURE DROP.

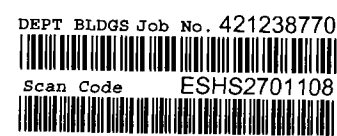
C. TEST LOW PRESSURE GAS SYSTEMS UP TO 1/2 PSIG WITH AIR AT 3 PSIG FOR A MINIMUM OF ONE HOUR.
TEST MEDIUM PRESSURE SYSTEMS UP TO 3 PSIG WITH AIR AT 100 PSIG FOR A MINIMUM OF 4 HOURS.

D. TEST SERVICE WITH WATER AT TWICE OPERATING PRESSURE FOR TWO (2) HOURS WITHOUT PRESSURE DROP.

PERMITS

A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS, APPROVALS AND INSPECTIONS.

B. APPLY FOR, OBTAIN AND PAY FOR ALL PERMITS, FEES, CERTIFICATES OF INSPECTIONS AND APPROVALS AS REQUIRED.

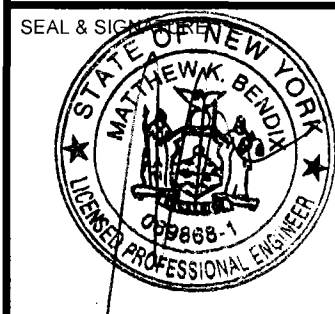
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PROJECT:

**COYLE / HAMILTON
RESIDENCE
39-52 51ST STREET
WOODSIDE, NY, 11377**

TITLE:

PLUMBING SPECIFICATIONS



DATE: 09-10-15
PROJECT NO. S1301001
SCALE: AS NOTED
DRAWN BY: MKB/RR
CHK BY: M.K.B.
DWG NO. P-201 00

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THESE PLANS ARE APPROVED ONLY FOR THE WORK ON THE APPLICATION SPECIFICATION SHEET. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.