PLUMBING SPECIFICATIONS:

PLUMBING GENERAL REQUIREMENTS

- PROVIDE MATERIALS AND EQUIPMENT AND EXECUTE THE WORK, INCLUDING ALL TESTING AND INSPECTIONS, IN COMPLIANCE WITH THE APPLICABLE PROVISIONS OF FEDERAL, STATE AND LOCAL GOVERNMENT LAWS, ORDINANCES, REFERENCED CODES AND STANDARDS CURRENT AS OF THE ISSUE DATE OF THESE DRAWINGS. ALL MORE STRINGENT REQUIREMENTS OF THE CONTRACT DOCUMENTS SHALL MODIFY, SUPPLEMENT AND SUPERSEDE APPLICABLE PORTIONS OF GOVERNING LAWS, ORDINANCES, CODES AND STANDARDS.
- CONTRACTOR SHALL PRESENT CERTIFICATE TO THE TENANT AND LANDLORD THAT ALL APPLICABLE BUILDING PERMITS HAVE BEEN SECURED PRIOR TO STARTING ANY WORK, AND PROVIDE THE TENANT AND LANDLORD WITH ALL REQUIRED CERTIFICATES OF FINAL APPROVAL FROM THE GOVERNING JURISDICTIONS AT COMPLETION OF THE WORK. PROVIDE ALL SHOP DRAWINGS AS REQUIRED IN FOLLOWING SECTIONS.
- COORDINATE EXACT LOCATION OF CONSTRUCTION TO PRECLUDE ANY INTERFERENCES BETWEEN PIPING, WIRING, LIGHTING FIXTURES, DUCTWORK, BUILDING EQUIPMENT, PROCESS EQUIPMENT AND DIVISIO CONSTRUCTION.
- 4. PROVIDE LABOR, INCLUDING FIELD ERECTION AND SUPERVISION, MATERIALS, EQUIPMENT AND ANGILLARIES, AND COORDINATE, PROCURE, FABRICATE, DELIVER, ERECT OR INSTALL, INTERFACE WITH EXISTING WORK, START, DEBUG AND TEST ALL SYSTEMS AS NECESSARY TO PROVIDE THE OWNER WITH A COMPLETE, OPERATING FACILITY IN CONFORMANCE WITH THE CONSTRUCTION BID DOCUMENT.
- 5. ALL CUTTING AND PATCHING THAT MAY BE NECESSARY FOR THE INSTALLATION OF THE MECHANICAL CONTRACTOR'S WORK SHALL BE PERFORMED AND REPAIRED BY THE TRADE WHOM NORMALLY PERFORMS THAT WORK AND PAID FOR BY THE MECHANICAL CONTRACTOR. NO CUTTING / ALTERATION OF THE BUILDING STRUCTURAL SYSTEM SHALL BE PERFORMED WITHOUT THE WRITTEN CONSENT OF THE LANDLORD AFTER ARCHITECT HAS APPROVED AND SIGNED OFF.
- 6. THE PLUMBING CONTRACTOR SHALL WISIT THE SITE PRIOR TO SUBMITTING HIS BID TO FAMILIARIZE HIMSELF WITH THE ACTUAL PROJECT CONDITIONS AND TO CHECK FOR ANY INTERFERENCES BETWEEN HIS WORK AND THAT OF THE OTHER TRADES, ANDOR ANY APPARENT VIOLATIONS OF LOCAL OR STATE CODES, LAWS, ORDINANCES AND REGULATIONS SHOULD ANY VIOLATIONS OR INTERFERENCES APPEAR AND DEPARTURE FROM THE DESIGN INTENT OF THE CONTRACT DOCUMENTS IS REQUIRED, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT PRIOR TO ENTERING INTO A CONTRACT WITH THE OWNER FAILURE TO PROVIDE THE ARCHITECT WITH THE AFOREMENTIONED NOTIFICATION SHALL RESULT IN THE CONTRACTOR BEING HELD RESPONSIBLE TO COMPLETE ALL WORK TO MEET THE INTENT OF THE CONTRACT DOCUMENTS WITH NO ADDITIONAL EXPENSES BEING INCURRED BY THE OWNER.
- 7. THE DRAWINGS ARE DIAGRAMMATIC AND SHOW GENERAL LOCATIONS AND ARRANGEMENTS OF ALL THE EQUIPMENT AND PLUMBING. THE DRAWINGS SHALL BE FOLLOWED AS CLOSELY AS BUILDING CONSTRUCTION AND ALL OTHER WORK WILL PERMIT. DO NOT SCALE DRAWINGS FOR EXACT MEASUREMENTS.
- SHOULD THE CONTRACTOR SUBMIT ANY SHOP DRAWINGS FOR REVIEW THAT VARY FROM WHAT THE CONSTRUCTION BID DOCUMENTS INDICATE, THE CONTRACTOR SHALL PAY THE ENGINEER FOR REVIEWING HIS SUBMISSION.

GENERAL NOTES: PLUMBING

- ALL PLUMBING SHALL BE CONCEALED UNLESS OTHERWISE NOTED. EXPOSING OF ANY PLUMBING MUST HAVE APPROVAL OF THE ARCHITECT
- THE PLUMBING SYSTEMS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH ALL STATE AND LOCAL
 PLUMBING CODES. THE PLUMBING CONTRACTOR SHALL OBTAIN ALL PERMITS, PAY FOR ALL FEES,
 AND ARRANGE FOR ALL INSPECTIONS FOR HIS WORK. AT THE COMPLETION OF THE PROJECT, THE
 PLUMBING CONTRACTOR SHALL FURNISH THE OWNER WITH CERTIFICATES OF FINAL INSPECTIONS
 AND APPROVALS.

3. PLUMBING SHALL BE AS FOLLOWS

A. SANITARY AND VENT PIPING

- ALL 1-1/2" AND LARGER WASTE AND VENT PIPING ABOVE GROUND SHALL BE STANDARD WEIGHT CAST IRON SOIL PIPE WITH NO-HUB FITTINGS AND HEAVY DUTY BANDS.
- ALL WASTE PIPING BELOW GRADE SHALL BE SERVICE WEIGHT CAST IRON SOIL PIPE WITH COMPRESSION TYPE FITTINGS, OR SCHEDULE 40 PVC WHERE LOCAL CODE PERMITS.

B. DOMESTIC WATER PIPING:

- 1) ALL ABOVE GROUND DOMESTIC WATER PIPING SHALL BE TYPE "L" HARD DRAWN COPPER TUBING WITH WROUGHT COPPER OR CAST RED BRONZE FITTINGS OR CROSS LINKED POLYETHYLENE PIPING (PEX). ALL SOLDERED FITTINGS SHALL BE MADE WITH SIL-FOS SOLDER OR AN APPROVED NON-TOXIC SOLDER. MECHANICAL TYPE FITTINGS EQUAL TO "PROPRESS SYSTEMS" ARE APPROVED IN LIEU OF SOLDERED FITTINGS.
- ALL UNDERGROUND PIPING SHALL BE TYPE "K" COPPER OR PEX. PIPE FITTINGS ARE NOT ALLOWED BELOW FLOOR SLAB.

C. VALVES:

- 1) BALL VALVES SHALL BE TWO PIECE FULL PORT BRONZE BALL VALVES WITH STAINLESS STEEL TRIM, THE SEATS WITH 316 STAINLESS STEEL BALL AND STEM. THREADED BODY PACK NUT DESIGN WITH ADJUSTABLE STEM PACKING WITH THREADED OR SOLDERED ENDS. RATED F 150 PSIG SWP AND 600 PSIG CWP.
- 2) CHECK VALVES SHALL BE SWING CHECK WITH BRONZE DISC, CLASS 15 Y-PATTERN DESIGN WITH THREADED OR SOLDERED ENDS. RATED FOR 300 RSJ CW

D. PIPING INSULATION:

- DOMESTIC HOT, COLD & HOT WATER RETURNING SHALL JE ÎN ATED V MINIMUL THICK FIBERGLASS INSULATION, WITH A FIRE ARDANI ACKET VING A VERAGE R VALUE OF 3.45 COLD WATER PIPING INSULA*

 SHAL SE (VO) ED WITH ARBORDE SE VALUE OF SAVALLE VING AND SHALE VING AND SHALLE VING A
- 2) ABOVE GROUND STORM BY HORIZON PIPING LUDING THINGS) AND ROO SUMP BODIES SHALL BE INSU. ED WITH INSULATION WITH A VAPOR BAY. BR
- 3) PIPE INSULATION SHALL HAVE LAME SPREAD AN SMOKE DENSITY RATING NOT EXCEEDING 25/50 AS TESTED PER AN STANDARD E-84
- 4) DOMESTIC HOT SER AND HOT WATE SETURN PEX PIPING MUST BE INSULATED.
- 4. PIPING SHALL BEST ORTED FROM HANGING OR TRAYS AT AN ADEQUATE DISTANCE WITH SUPPORTING MANGEN DIS FASTENED TO THE BUILDING FRAMING. HANGERS FASTENED DIRECTLY TO THE BOOK ARE IT ALLOWED.
- AISOLA PUNG AND COUNTY FROM THE BUILDING STRUCTURE WITH INSULATING HANGERS AND
- MESTI ATERS SHALL BE EQUIPPED WITH A.S.M.E. RATED TEMPERATURE AND PRESSURE
- 7. ALL VICES SHALL BE PROPERLY SLEEVED WHEN ROUTED THROUGH FLOORS AND WALLS.
 COJI ACTOR TO PROVIDE FIRE RESISTANT ROPE PACKING FOR ALL PIPES PENETRATING FIRE RATED L. S. CONTRACTOR SHALL OBTAIN A COPY OF THE ARCHITECTURAL DRAWINGS TO IDENTIFY FIRE RATED WALLS. CONTRACTOR SHALL PROVIDE A WEATHERPROOF SEAL FOR PIPING PENETRATING EYTERING WALLS.
- 8. FURNISH AND INSTALL ISOLATION VALVES AT ALL SERVICE POINTS OR EQUIPMENT CONNECTIONS. PROVIDE VACUUM BREAKERS AND ANTI-SIPHON FITTINGS ON WATER PIPING SYSTEMS BEFORE EQUIPMENT CONNECTIONS, AND AT ALL HOSE END SPIGOTS AND HOSE CONNECTIONS, ETC. INSTALL REDUCED PRESSURE BACKFLOW PREVENTERS ON ALL MAKE-UP WATER LINES TO FOOD SERVICE EQUIPMENT AND ON BUILDING DOMESTIC WATER SERVICE WHERE LOCAL CODE REQUIRES. THE INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH LOCAL CODES AND/OR AUTHORITIES FOR THE PROTECTION OF THE WATER SUPPLY SYSTEM. INSTALL STRAINER UP STREAM OF REDUCED PRESSURE BACKFLOW PREVENTER.

9 IDENTIFICATION

- A. LABEL ALL PIPING SYSTEMS WITH MANUFACTURED SELF ADHESIVE OR PRE-TENSIONED PIPE MARKERS. MARKERS SHALL INDICATE SERVICE AND DIRECTION OF FLOW, MARK PIPE NEAR-VALVES BRANCH CONNECTIONS, PENETRATIONS, ACCESS DOORS AND NEAR MAJOR PIECES OF EQUIPMENT. MARKERS PACING SHALL NOT EXCEED 50:
- 10. THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER PITCH OF PIPE FOR DRAINAGE AND AIR VENTING OF PIPING SYSTEMS AND SHALL PROVIDE DRAINS TO RECEIVE THE PIPING SYSTEMS CONTENTS OF INDIRECT WASTE AND CONDENSATE DRAINAGE FROM ALL MECHANICAL DRAINS.
- 11. THE PLUMBING CONTRACTOR SHALL VERIFY EXACT LOCATIONS AND PROVIDE ROUGH-INS FOR ALL EQUIPMENT FURNISHED BY OTHER CONTRACTORS. AFTER ALL EQUIPMENT HAS BEEN INSTALLED BY OTHER CONTRACTORS, THE PLUMBING CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS AND SHALL INCLUDE IN HIS BASE BID ALL VALVES, UNIONS, COUPLINGS, VACUUM BREAKERS, ETC., THAT ARE REQUIRED TO MAKE FINAL CONNECTIONS.
- 12. THE PLUMBING CONTRACTOR SHALL OBTAIN OTHER TRADES DRAWINGS AND COORDINATE HIS WORK WITH THE TOTAL PROJECT AS IT RELATES TO ALL TRADES AND VISIT THE PROJECT STEP PRIOR TO SUBMITTING HIS BID TO FAMILIARIZE HIMSELF WITH THE ACTUAL PROJECT CONDITIONS AND TO CHECK FOR ANY INTERFERENCES BETWEEN HIS SCOPE OF WORK AND THAT OF THE OTHER TRADES ANDIOR ANY APPARENT VIOLATIONS OF LOCAL OR STATE BUILDING CODES, LAWS, ORDINANCES, AND REGULATIONS. IF ANY INTERFERENCES OR VIOLATIONS APPEAR AND DEPARTURE FROM THE INITIAL DESIGN INTENT OF THE CONSTRUCTION BID DOCUMENTS IS REQUIRED. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT PRIOR TO ENTERSHING INTO A CONTRACT WITH THE OWNER. FAILURE TO PROVIDE THE ARCHITECT WITH THE APPOREMENTONED NOTIFICATION SHALL RESULT IN THE CONTRACTOR BEING HELD RESPONSIBLE TO COMPLETE ALL WORK TO MEET THE INTENT OF THE CONTRACTOR DETUNED BY THE OWNER THE INTENT OF THE CONTRACTOR DETUNED BY THE OWNER THE OWNER THE WITHOUT ON THE CONTRACTOR DETUNED.
- 13. FURNISH AND INSTALL AN INDIVIDUAL COMBINATION PRESSURE BALANCING AND THERMOSTATIC CONTROL VALVE THAT CONFORMS TO A S.S.E. # 1070 WITH TEMPERED WATER PIPING CONNECTIONS FOR ALL ACCESSIBLE PLUMBING FIXTURES. SET VALVE FOR A MAXIMUM OF 110°F.
- 14. THE CONTRACTOR SHALL SUBMIT EQUIPMENT SHOP DRAWINGS TO THE ARCHITECT FOR REVIEW PRIOR TO INSTALLATION OF ANY OF THE FOLLOWING EQUIPMENT:
- A. PLUMBING FIXTURE
- C. PLUMBING PIPE, FITTINGS AND HANGER
- D. DOMESTIC WATER HEATER
- F. FLOOR DRAINS HUB OUTLETS C
- 15. THE CONTRACTOR SHALL GUARANTEE ALL WORK INSTALLED UNDER THIS CONTRACT TO BE FREE FROM DEFECTIVE WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE YEAR AFTER THE ACCEPTANCE OF THE BUILDING BY THE OWNER, AND SHOULD DEFECTS OCCUR WITHIN THIS PERIOD, REPAIR AND/OR REPLACE DEFECTIVE ITEMS AND ANY DAMAGE RESULTING FROM FAILURE OF THESE
- 16. PROVIDE PRE-MANUFACTURED SUPPORTS EQUAL TO MIRO INDUSTRIES 3-R. SPACED 10:0' DIN CENTER AND AT ALL FITTINGS FOR SUPPORT OF ALL GAS PIPING RIN ON ROOF. FASTEN GAS SECURELY TO EACH SUPPORT AND PROVIDE SPACERS AS REQUIRED TO ADJUST FOR ROOF SLOPE WITHOUT STRESSING THE PIPING.
- 17. THE CONTRACTOR SHALL COORDINATE LOCATIONS OF HIS EQUIPMENT AND WORK WITH OF BUILDING TRADES TO AVOID ANY INTERFERENCES BETWEEN HIS WORK AND THE WORK OF OTHER TRADES.
- 18. ANY CUTTING AND/OR PATCHING, THAT MAY BE REQUIRED FOR THE INSTALLATION HE PLUMBL AND PIPING SYSTEMS, SHALL BE PERFORMED BY THE ARCHITECTURAL TRADES AND PORBY THE CONTRACTOR. NO CUTTING OF THE BUILDING STRUCTURAL SYSTEM SHALL BE PERFORD WITHOUT BEING OBTAINED.
- 19. WATER HAMMER ARRESTORS SHALL BE INSTALLED ON BOTH 605 AND HOT BUIND INSTALL OLICK CLOSING VALVES, SOLD DIDS, AND H. MIGG EXTURE MANUFACTURED WATER HAMMER ARRESTORS SHALL BE SMITH 0. 3000 SERIES JORGUS JOSAM, ZURN, OR AS APPROVED BY THE AP CT. LOCA 20, SIZED, AND LILED ACCORDANCE WITH FUNBING AND DRAINAGE, INSTITE STANDARD SOMEONE.
- 20. A SEPARATE REFRIGERATION CONTRAGE SHALL INST SELECTION OF REFRIGERATION SYSTEMS, COMPRESSORS, COILS, CONTROL STEER ANYON, SELECTION DEPOSITS OF SHALL SECURITY OF SHALL INCLUDE PROVIDING REFRIGERATION LINE SESSORS ANY SHILL SECURITY OF SHALL INCLUDE TO SHALL TOOL AND CONNECTIONS TO CONTRACTS SHALL INCLUDE TO SHALL TOOL AND CONNECTIONS TO CONTRACTS SORS AND SOILS.
- 21. THE CONTRACTOR SHALL COORDINATE HIS ROUGH-IN WORK WITH THE DIMENSIONED DRAWINGS FURNISHED BY THE FOOD SERVING EQUIPMENT CONTRACTOR

FIRE PROTECTION SYSTEM CIFICATIONS

- THE FIRE PROTE ION OF TRACTOR SHALL DESIGN, FURNISH, AND INSTALL A COMPLETE SYSTEM OF AUTOM TIC WE PRINKE IS IN A LA FAS OF THE RENOVATED SPACE. DESIGN SHALL BE BASED UPON ITS SIGN OF BERNALL SE TRADESTABLISHED BY THE OWNERS INSURANCE UNDERWRITERS, THE LOG LEFRE RISHAL. AS OF THE AUTHORITES HAVING JURISDICTION. THE ENTIRE SYSTEM SHALL BE THORY A LOGALY CALCULATED IN A MANNER SET FORTH AND APPROVED BY N.F.P.A. IN GENERAL THE SISSEN SET OF SYSTEM SHALL BE TESTED AT A WATER PRESSURE OF 200 PSIG FOR A PERIOD OF TWO (2) HOURS AND SHALL HAVE ALL FACILITIES FOR PROPER DRAINAGE AND ANY NECESSARY SET VALVES. OF FICES. OR EQUIPMENT REQUIRED BY AUTHORITIES HAVING JURISDICTION.
- LL WORK RELATED TO THE SPRINKLER SYSTEM SHALL BE IN ACCORDANCE WITH THE OWNER'S FIRE ASSURANCE UNDERWRITER'S FIRE RATING INSPECTION BUREAU STANDARDS AND SPECIFICATIONS, THE REQUIREMENTS OF NFPA. THE LOCAL FIRE MARSHAL, AND ALL GOVERNING LOCAL OR STATE CODES LAWS, ORDINANCES, AND REQUILATIONS.
- 3. THE FIRE PROTECTION CONTRACTOR SHALL OBTAIN OTHER TRADES DRAWINGS AND COORDINATE HIS WORK WITH THE TOTAL PROJECT AS IT RELATES TO ALL TRADES AND VISIT THE JOB SITE BEFORE HE SUBMITS HIS BID TO FAMILIARIZE HIMBSELF WITH ACTUAL JOB CONDITIONS AND TO CHECK FOR ANY INTERFERENCES BETWEEN HIS WORK AND THAT OF OTHER TRADES, AND/OR ANY APPARENT VIOLATIONS OF LOCAL OR STATE CODES, LAWS, ORDINANGES, AND REGULATIONS, IF ANY VIOLATIONS OR INTERFERENCES APPEAR AND DEPARTURE FROM THE DESIGN INTENT OF THE CONTRACT DOCUMENTS IS REQUIRED, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT BEFORE ENTERING INTO CONTRACT, FAILURE THE CONTRACTOR SHALL NOTIFY THE ARCHITECT BEFORE MOTIFICATION WILL RESULT IN THE CONTRACTOR BEING HELD RESPONSIBLE TO COMPLETE ALL WORK TO MEET THE INTENT OF THE CONTRACT DRAWINGS WITH NO ADDITIONAL EXPENSES ("EXTRAS") BEING INCURRED BY THE OWNER.
- 4. BEFORE PROCEEDING WITH ANY INSTALLATION WORK, THE FIRE PROTECTION CONTRACTOR SHALL SUBMIT A SET OF COMPLETE SHOP DRAWINGS, INCLUDING HYDRAULIC CALCULATIONS, TO THE ARCHITECT. SHOP DRAWINGS SHALL BEAR THE WRITTEN APPROVAL OF THE OWNER'S FIRE INSURANCE UNDERWRITER'S FIRE RATING INSPECTION BUREAU, THE LOCAL FIRE MARSHAL, AND ALL OTHER AUTHORITIES HAVING JURISDICTION.
- UPON COMPLETION OF THE SYSTEM, AND ON POSSESSION OF THE PREMISES, THE FIRE PROTECTION CONTRACTOR SHALL SUBMIT A WRITTEN CERTIFICATE TO THE OWNER FROM THE UNDERWRITER STATING THAT THE ENTIRE SYSTEM WAS INSPECTED AND APPROVED.
- 6. THE FIRE PROTECTION CONTRACTOR SHALL GUARANTEE ALL WORK INSTALLED UNDER HIS CONTRACT TO BE FREE FROM DEFECTIVE WORKMANSHIP AND MATERIALS, FOR A PERIOD OF ONE (1) YEAR AFTER THE ACCEPTANCE OF THE BUILDING BY THE OWNER, AND SHOULD DEFECTS OCCUR WITHIN THIS PERIOD, REPAIR AND/OR REPLACE DEFECTIVE ITEMS AND ANY DAMAGE RESULTING FROM FAILURE OF THESE ITEMS, AT NO EXPENSE TO THE OWNER.
- . THE FIRE PROTECTION CONTRACTOR SHALL COORDINATE LOCATIONS OF HIS EQUIPMENT AND WORK WITH OTHER BUILDING TRADES TO AVOID ANY INTERFERENCES BETWEEN HIS WORK AND THE WORK OF OTHER TRADES
- ANY CUTTING AND PATCHING, THAT MAY BE REQUIRED FOR THE INSTALLATION OF THE FIRE PROTECTION SYSTEM, SHALL BE DONE AND REPAIRED BY THE FIRE PROTECTION CONTRACTOR. NO CUTTING OF THE STRUCTURAL SYSTEM SHALL BE DONE WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT BEING PREVIOUSLY OBTAINED.
- THE EXISTING FIRE PROTECTION RISER AND SIAMESE CONNECTION ARE TO REMAIN IN THERE EXISTING LOCATIONS, MODIFICATIONS TO THESE ITEMS SHOULD NOT BE NECESSARY.

PLUMBING GENERAL NOTES:

- 1. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF ALL NEW PLUMBING FIXTURES
- 2. ALL PLUMBING RELATED CORING THROUGH FLOORS SHALL BE BY PLUMBING CONTRACTOR.
- COORDINATE ALL NEW LOCATIONS, SIZES AND ELEVATIONS OF SLEEVES THROUGH WALLS SLABS AND FOUNDATIONS
 WITH STRUCTURAL DRAWINGS AND EXISTING FIELD CONDITIONS.
- 4. COORDINATE ALL PIPE ROUTING WITH SITE CONDITIONS, EQUIPMENT MANUFACTURER RECOMMENDATIONS AND ALL OTHER TRADES TO AVOID INTERFERENCES. PROVIDE ACCESS AROUND ALL NEW EQUIPMENT PER MANUFACTURES RECOMMENDATIONS.
- ALL OVERHEAD DOMESTIC WATER AND STORM PIPING SHALL BE INSULATED AND LABELED IN ACCORDANCE WITH THE SPECIFICATION REQUIREMENTS.
- ALL PIPING SHALL BE CONCEALED IN WALLS, CEILING SPACES OR ARCHITECTURAL SOFFITS.

PLUMBING SYMBOLS

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STORM PIPING

- SEAL ALL PENETRATIONS THROUGH WALLS AND FLOORS AIR AND WATERTIGHT. COORDINATE LOCATIONS AND ELEVATIONS OF ALL NEW UNDERGROUND UTILITIES WITH CIVIL SITE PLANS PRIOR TO START OF CONSTRUCTION.
- CONTRACTOR SHALL MAINTAIN ADEQUATE CLEARANCES (PER N.E.C.) ABOVE AND AROUND ANY NEW ELECTRICAL PANELS, FOLIPIMENT AND TRANSFORMERS WHEN ROLITING OVERHEAD DOMESTIC WATER AND STORM PIPING
- 9. FAUCETS AND PLUMBING FIXTURES SHALL BE OF WATER CONSERVATION TYPE AND COMPLY WITH THE STATE F
- RUN ALL UNDERGROUND SANITARY AND STORM PIPING LARGER THAN 2" AT 1/8" PER FOOT MINIMUM PITCH OTHERWISE. SANITARY PIPING LESS THAN 2" SHALL BE PITCHED AT 1/4" PER FOOT MINIMUM, UNLESS OTED OT WANTED.

BBREVIATIO

SYMBOL DESCRIPTION ——></ GATE VALVE CONDENSATE COLD WATER (DOMESTIC) ECK VALVE DIA/Ø DIAMETER CING VALVE EXISTING FLOOR DRAIN FINISHED FLOOR ELEVATION FD-1 F.F.ELV. FIRE PROTECTION FROST PROOF WALL HYDRANT GPM PIPE TURNED UP I.E. INVERT ELEVATION PIPE TURNED DOWN L-# / LAV-# LAVATORY ORD-# OVERELOW ROOF DRAIN PIPE OUT TOP PRESSURE REDUCING VALVE POUNDS PER SQUARE INCH POLYVINYL CHLORIDE PIPE OUT BOTTOM RD-# ROOF DRAIN DOMESTIC COLD WATER PIPING S-# SP-# SUMP PUMP (TYP) TYPICAL DOMESTIC HOT WATER RETURN PIPING V.T.R. WATER CLOSET WALL CLEANOU' WATER HEATER NATURAL GAS PIPING ____RC ____ RAIN CONDUCTOR PIPING SANITARY PIPING

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Suwanee Grocery, LLC

8110 N. Saint Louis Avenue Skokie, IL 60076

PROJECT NAME

Suwanee Grocery, LLC Building-B Build-Out

3230 Caliber Street Suwanee, GA 30024

PROJECT NO.

16-177

Bidding - Construction	04/30/
DRAWN BY	
WEV	
CHECKED BY	
WEV	

PLUMBING NOTES, SYMBOLS & ABBREVIATIONS

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