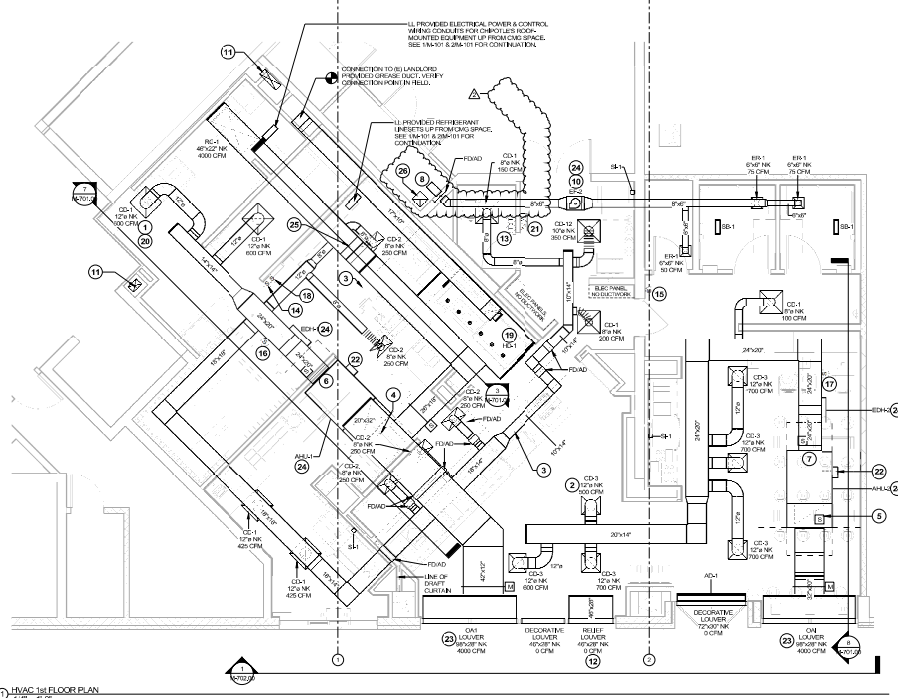




- KEYNOTES FOR THIS SHEET 1, 2 ETC.**
- 1 SEE ARCHITECTURAL, REFLECTED CEILING PLAN FOR CEILING MOUNTED EQUIPMENT LOCATION, TYPICAL.
  - 2 PAINT DUCTWORK VISIBLE THROUGH DINING ROOM SUPPLY REGISTERS BLACK, TYPICAL.
  - 3 NO SUPPLY DIFFUSERS SHOULD BE LOCATED CLOSER THAN 4' FROM THE HOOD AND SHOULD BE REPOSITIONED CEILING DIFFUSERS WITH THE DIFFUSERS REMOVED SO THAT AIR GROUPS STRAIGHT DOWN, RATHER THAN POTENTIALLY AFFECTING THE HOOD CAPTURE. THESE CEILING DIFFUSERS SHOULD NOT BE PLACED OVER EQUIPMENT OR PREP SURFACES, TYPICAL.
  - 4 26"Ø DUCT TO TRANSITION TO AHU-1 RETURN CONNECTION ON REAR OF ECONOMIZER MINGING BOX. AHU-1 SHALL HAVE A FIELD SUPPLIED, FIELD INSTALLED SMOKE DETECTOR MOUNTED IN THE RETURN AIR STREAM, PRIOR TO THE MIXING OF ANY AIR, INTERLOCK SMOKE DETECTOR TO AHU-1 OPERATION.
  - 5 32"Ø DUCT FULL SIZE OF AHU-2 RETURN CONNECTION ON BOTTOM OF ECONOMIZER MINGING BOX. AHU-2 SHALL HAVE A FIELD SUPPLIED, FIELD INSTALLED SMOKE DETECTOR MOUNTED IN THE RETURN AIR STREAM, PRIOR TO THE MIXING OF ANY AIR. INTERLOCK SMOKE DETECTOR TO AHU-2 OPERATION. 32"Ø R.A. OPENING ON BOTTOM OF MINGING BOX TO TERMINATE ABOVE SLATED CEILING SYSTEM WITH 80% FREE AREA METAL MESH SCREENING.
  - 6 32"Ø DUCT TO TRANSITION TO AHU-1 SUPPLY CONNECTION. AHU-1 SHALL HAVE A FIELD SUPPLIED, FIELD INSTALLED SMOKE DETECTOR MOUNTED IN THE SUPPLY AIR STREAM, PRIOR TO THE 1ST BRANCH DUCT. INTERLOCK SMOKE DETECTOR TO AHU-1 OPERATION.
  - 7 24"Ø DUCT TO TRANSITION TO AHU-2 SUPPLY CONNECTION. AHU-2 SHALL HAVE A FIELD SUPPLIED, FIELD INSTALLED SMOKE DETECTOR MOUNTED IN THE SUPPLY AIR STREAM, PRIOR TO THE 1ST BRANCH DUCT. INTERLOCK SMOKE DETECTOR TO AHU-2 OPERATION.
  - 8 CONNECT TO LANDLORD PROVIDED PLINE EXHAUST FAN ROOM IN THIS LOCATION. VERIFY EXISTING CONDITIONS & TEAM LOCATION IN FIELD. PROVIDE BACKDRAFT DAMPER AT CONNECTION TO LANDLORD DUCTWORK.
  - 9 10"Ø DUCT UP FROM FLOOR TO CONNECT TO LANDLORD PROVIDED GREASE DUCT FROM 1TH FLOOR ROOF. STUBBED INTO SPACE THROUGH SLAB ABOVE. VERIFY CONNECTION POINT IN FIELD. ALL NEW GREASE DUCT SHALL BE COMPLIANT WITH NFPA 96. PROVIDE RADIIUSED ELBOWS WITH AN INSIDE RADIUS OF 0.5W AT ELBOWS IN GREASE DUCT. PROVIDE DUCT CLEANOUT ACCESS DOOR AT ALL CHANGES IN DIRECTION AND AT LINEAR INTERVALS PER LOCAL CODE.
  - 10 6"Ø INLET AND OUTLET DUCTS TO TRANSITION TO EF-2 DUCT CONNECTION. SEE DETAIL SM-701.
  - 11 RE BASE BUILDING DUCTWORK RISER TO REMAIN, V.I.F.
  - 12 PROVIDE RELIEF LOUVER, SIZED AS SHOWN, AND 2" DEEP INSULATED, GALVANIZED STEEL, PLENUM BOX ON REAR OF LOUVER. VERIFY EXISTING LOUVER BAND DIMENSIONS IN FIELD. PLENUM BOX TO BE OPEN ENDED INSIDE SPACE WITH BARRIOMETRIC RELIEF DAMPER IN DUCTWORK.
  - 13 INSTALL SINGLE-GANG VERTICAL BOX FOR GROUND THERMOSTAT'S FURNISHED BY TEMS FOR AHU-1 AND AHU-2 AT THIS LOCATION AT 6' AFF. COORDINATE WITH ELECTRICAL SWITCHING IN THIS AREA. PROVIDE WIRING AS SHOWN IN DETAIL BE-710. LABEL THERMOSTAT WITH CORRESPONDING UNIT.
  - 14 INSTALL GROUND POINT ZONE SENSOR MODULE FURNISHED BY TEMS FOR AHU-1 AT THIS LOCATION AT 7' AFF DIRECTLY TO WALL (NO JUNCTION BOX). COORDINATE LOCATION WITH EQUIPMENT. PROVIDE WIRING AS SHOWN IN DETAIL BE-710. LABEL SENSOR WITH CORRESPONDING UNIT.
  - 15 INSTALL GROUND POINT ZONE SENSOR MODULE FURNISHED BY TEMS FOR RTU-2 AT THIS LOCATION AT 6' AFF DIRECTLY TO WALL (NO JUNCTION BOX). COORDINATE LOCATION WITH EQUIPMENT. PROVIDE WIRING AS SHOWN IN DETAIL BE-710. LABEL SENSOR WITH CORRESPONDING UNIT.
  - 16 INSTALL GROUND POINT SUPPLY PROBE FURNISHED BY TEMS FOR AHU-1 IN THE SUPPLY DUCTWORK UPSTREAM FROM THE FIRST BRANCH CONNECTION. PROVIDE WIRING AS SHOWN IN DETAIL BE-710.
  - 17 INSTALL GROUND POINT SUPPLY PROBE FURNISHED BY TEMS FOR AHU-2 IN THE SUPPLY DUCTWORK UPSTREAM FROM THE FIRST BRANCH CONNECTION. PROVIDE WIRING AS SHOWN IN DETAIL BE-710.
  - 18 INSTALL REMOTE TEMPERATURE SENSOR FOR HOOD HMI AT THIS LOCATION AT 7' AFF. COORDINATE LOCATION WITH EQUIPMENT. PROVIDE 24" DEEP INSULATED, GALVANIZED STEEL, PLENUM BOX ON REAR OF LOUVER. VERIFY EXISTING LOUVER BAND DIMENSIONS IN FIELD. PLENUM BOX TO BE OPEN ENDED INSIDE SPACE WITH BARRIOMETRIC RELIEF DAMPER IN DUCTWORK.
  - 19 INSTALL KITCHEN HOOD, HMI, SUPPORT HOOD PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL HOOD ACCORDING TO THE REQUIREMENTS OF ITS LISTING. IN COMPLIANCE WITH NFPA 96, THE BUILDING CODE, AND AUTHORITIES HAVING JURISDICTION, HOOD SHALL HAVE AN INTEGRAL DUCT COLLAR TEMPERATURE SENSOR TO AUTOMATICALLY ENERGIZE THE EXHAUST FAN IF COOKING TEMPERATURES ARE DETECTED. EXHAUST DUCT SYSTEM TO BE WELDED OR FACTORY-MANUFACTURED WATER AND AIR TIGHT. INSTALL CLEANOUTS PER CODE AND AS SHOWN. INSTALL HOOD PER DETAILS SM-701, SM-701, AND SM-701. CHIPOTLE WILL PROVIDE AN INDEPENDENT TESTING AGENCY FOR TESTING THE INTEGRITY OF THE GREASE DUCT SYSTEM.
  - 20 PROVIDE SUPPLY DIFFUSER CONNECTION TO SUPPLY SYSTEM PER DETAIL SM-700, TYPICAL.
  - 21 CONTRACTOR TO FURNISH & INSTALL AUDIOVISUAL REMOTE SMOKE DETECTOR ANNUNCIATOR WITH RESET KEY OPERATED RESET, WIRE A LINE BACK TO EACH SMOKE DETECTOR. MOUNT UNIT 6' AFF. LABEL ANNUNCIATOR WITH CORRESPONDING UNIT. TYPICAL OF ALL.
  - 22 INSTALL REME HALO AIR PURIFIER FURNISHED BY TUV IN AHU (OR SUPPLY DUCTWORK) PER DETAIL SM-700. SEE ELECTRICAL DRAWINGS FOR POWER CONNECTION INFORMATION. INSTALL UV WARNING STICKERS ON FACE OF ENCLOSURE PER DETAIL AND ON ANY AHU ACCESS DOOR(S) THROUGH WHICH THE REME HALO WOULD BE VISIBLE IF OPENED.
  - 23 PROVIDE INTRINSIC LOUVER, SIZED AS SHOWN, PROVIDE 2" DEEP INSULATED, GALVANIZED STEEL, PLENUM BOX ON REAR OF LOUVER AND MOTORIZED DAMPER ON DUCT CONNECTION PER SM-702. VERIFY EXISTING LOUVER BAND DIMENSIONS IN FIELD.
  - 24 INSTALL EQUIPMENT PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS.
  - 25 OFFSET DUCTWORK AS REQUIRED TO CROSS R.A. AND S.A. DUCT IN THIS AREA & MAKE CONNECTION TO RISER IN FLOOR.
  - 26 VERIFY EXHAUST DUCT STUB AND/OR EXHAUST AIR ENVELOPE IN TRASH ROOM CONNECTED TO BASE BUILDING OR EXHAUST FAN TO BE PROVIDED BY LANDLORD UNDER SEPARATE CONTRACT. NOTIFY CHIPOTLE GC & CM IF NOT PRESENT.



HVAC 1st Floor Plan  
1:1" = 1'-0"

**Chipotle Mexican Grill**  
 214 W. Main Street, Suite 208  
 Moorestown, NJ 08057  
 (856) 778-5400

REV. DATE DESCRIPTION  
 2024.04.23 110 REVIEW SET  
 2024.04.24 PERMITS SET  
 01.02.2024 RFD SET  
 1 08.10.2024 110 COMMENTS  
 2 10.23.2024 CONSTRUCTION SET

PROJECT NO. 31-4872  
 BEYOND STOPPESANT  
 1350 BROADWAY  
 BROOKLYN, NY 11221

DESIGNED BY  
 ARCHITECT: J. B. B. P. C.  
 REGISTERED ARCHITECT  
 1000 10th Avenue, Suite 1000, New York, NY 10018  
 212.697.1100  
 www.jbbpc.com

DATE: 11/15/2023  
 2023

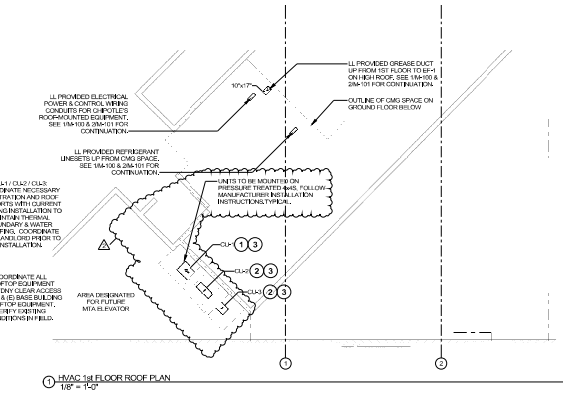
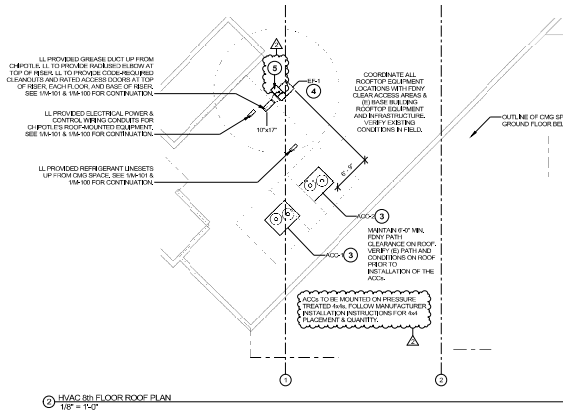
1st FLOOR HVAC PLAN

M-100.00  
 2 OF 12  
 000-NOVA File # R2105687.01

2024-DBF2/P01-4

**KEYNOTES FOR THIS SHEET 1, 2 ETC.**

1. INSTALL REMOTE CONDENSING UNIT FOR WALK-IN COOLER ON WALL AT 1ST FLOOR ROOF AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL REFRIGERANT LINE SET, THERMOSTATIC EXPANSION VALVE, SOLENOID VALVE, TEMPERATURE CONTROL, SIGHT GLASS, FILTER DRIER, PRESSURE CONTROL, LOW AMBIENT CONTROLS AND WEATHERPROOF HOUSING, TRAP AND SLOPE. REFRIGERANT LINES PER MANUFACTURER'S RECOMMENDATIONS, SEAL PIPING PENETRATIONS THROUGH ROOF. INSTALLATION SHALL COMPLY WITH ASHRAE/ANSI STANDARD 15, INSTALL THE REFRIGERANT LINE SET UNDER THE ROOF DECK TO WITHIN 3'-0" OF THE CONDENSING UNIT. CUT 2" HOLE IN WALK-IN COOLER ROOF FOR REFRIGERANT LINE SET AND SEAL PER THE COOLER MANUFACTURER'S INSTALLATION INSTRUCTIONS AFTER LINE SET IS INSTALLED.
2. INSTALL REMOTE CONDENSER FOR ICE MACHINE ON ROOF. INSTALL REFRIGERANT LINE SET, THERMOSTATIC EXPANSION VALVE, SOLENOID VALVE, TEMPERATURE CONTROL, SIGHT GLASS, FILTER DRIER, PRESSURE CONTROL, LOW AMBIENT CONTROLS AND WEATHERPROOF HOUSING, TRAP AND SLOPE. REFRIGERANT LINES PER MANUFACTURER'S RECOMMENDATIONS, SEAL PIPING PENETRATIONS THROUGH ROOF. INSTALLATION SHALL COMPLY WITH ASHRAE/ANSI STANDARD 15, INSTALL THE REFRIGERANT LINE SET UNDER THE ROOF DECK TO WITHIN 3'-0" OF THE REMOTE CONDENSER. IF REFRIGERANT PIPING TO ICE MACHINE IS EXPOSED TO PUBLIC VIEW, CONCEAL WITH A STAINLESS STEEL SHROUD AS SHOWN IN THE ARCHITECTURAL DRAWINGS.
3. INSTALL ROOFTOP EQUIPMENT PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS.
4. INSTALL EXHAUST FAN (EFT) PER DETAIL 804709 AND AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL MANUFACTURER PROVIDED BRASS COLLECTION CUP ON DECK OF EFT.
5. PROVIDE DUCT EXTENSION ON EFT COLLECTOR OFFSET EXTENSION AT 45 DEG. TO ACHIEVE MAXIMUM CLEARANCE FROM ROOF OF BOILER ROOM 901. EXTENSION SHALL BE A MINIMUM OF 12" ABOVE ADJACENT BOILER ROOM 901 ROOF HEIGHT. VERIFY EXISTING CONDITIONS IN FIELD PRIOR TO DUCTWORK EXTENSION FABRICATION.



**Chipotle Mexican Grill**

214 W. Main Street, Suite 208  
Moorestown, NJ 08057  
(856) 718-5400

CHIPOTLE MEXICAN GRILL, INC.  
1500 W. BROADWAY  
BROOKLYN, NY 11221

STORE NO.: 31-4872  
BROADWAY STUYVESANT  
1500 BROADWAY  
BROOKLYN, NY 11221

REV. DATE	DESCRIPTION
2024.04.23	110 REVIEW SET
20.04.2024	PERMITS SET
01.02.2024	REV SET
10.08.2024	110 CHANGES
10.23.2024	CONSTRUCTION SET

PROJECT: 1st & 8th FLOOR HVAC ROOF PLANS

M-101.00  
3 OF 12

0001-NOVA File # R: 102/250687.01

HOOD SHOP DRAWING PRODUCED BY  
MANUFACTURER - FOR REFERENCE ONLY

FOR QUESTIONS, CALL TFC  
HoodShop@tfc.com  
800-451-8772  
www.hoodshop.com

PATENT NUMBERS  
LITHIUM ION BATTERY NO. 7,912,252-2 (CANADA) - DA WILSON DESIGN CO.

HOOD INFORMATION - JOB#6701220		SPECIFICATIONS		FINISH	
1	48" WIDE	48" WIDE	30" DEPTH	304 SS	304 SS
2	24" HIGH	24" HIGH	24" HIGH	304 SS	304 SS

HOOD INFORMATION		SPECIFICATIONS		FINISH	
1	48" WIDE	48" WIDE	30" DEPTH	304 SS	304 SS
2	24" HIGH	24" HIGH	24" HIGH	304 SS	304 SS

HOOD OPTIONS	
1	FIELD VAMPERS - 3300 PER FRONT, LEFT, RIGHT
2	INSULATION FOR TOP OF HOOD
3	INSULATION FOR BACK OF HOOD
4	INSULATION FOR SIDE OF HOOD
5	INSULATION FOR BOTTOM OF HOOD
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FIRE SYSTEM INFORMATION - JOB#6701220	
1	48" WIDE
2	24" HIGH
3	30" DEPTH
4	304 SS
5	304 SS

SPECIFICATION CAPTIVE GREASE STOP SOLID FILTER

THE CAPTIVE GREASE STOP SOLID FILTER IS A SINGLE-STAGE FILTER FEATURING A LAYER OF SOLID FILTER MEDIA WITH A FILTER MEDIA SUPPORT SYSTEM TO DELIVER EXCEPTIONAL FLOW AND EFFICIENCY.

FILTER IS STAINLESS STEEL CONSTRUCTION AND SIZES TO FIT INTO STANDARD 2-PIECE SLEEV FILTER CARTRIDGE.

UNIT SHALL INCLUDE STAINLESS STEEL HOLES AND A FASTENING DEVICE TO SECURE THE TWO COMPONENTS TOGETHER.

EXHAUST EXTRACTION EFFICIENCY PERFORMANCE SHALL REMOVE AT LEAST 95% OF GREASE PARTICLES FROM EXHAUST AIR. AN ISO 9001 CERTIFIED SYSTEM WORKING IN TYPICAL KITCHENS WITH A CONCENTRATION PRESSURE DROP NOT TO EXCEED 1.5 INCHES OF WATER GAGE.

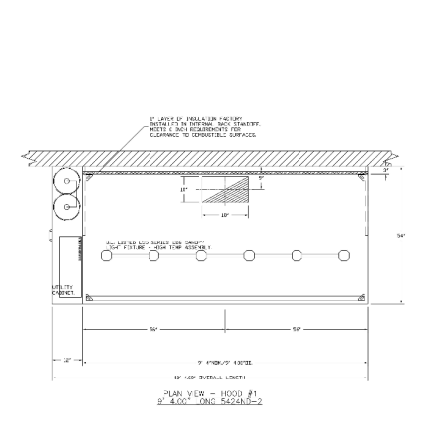
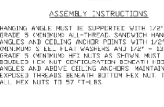
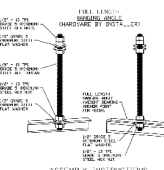
ALL CAPTIVE GREASE STOP SOLID FILTER SHALL BE IN ACCORDANCE WITH THE FOLLOWING MANUFACTURER SPECIFICATIONS FOR USE IN ALL APPLICATIONS AS A GREASE TRAP/FILTER.

1.9 CAPACITY VS. PARTICLE DIAMETER

2.0 PRESSURE DROP VS. FLOW RATE

CAPTIVE FILTERS ARE BUILT IN COMPLIANCE WITH:

- NSF
- ULC-2549



REVISIONS

NO.	DATE	DESCRIPTION
1	01/20/2024	REVISION SET
2	01/20/2024	REV SET
3	01/20/2024	CONSTRUCTION SET

4811 Poughkeepsie Rd., Poughkeepsie, NY 12501 TEL: 845.237.2777 FAX: 845.237.2778

**CAPTIVE**  
HoodShop.com

STORE NO.: 31-4872  
BEDFORD STUPESANT  
1350 BROADWAY  
BROOKLYN, NY 11221

REV. DATE DESCRIPTION  
2024.01.23 LEO REVIEW SET  
01.20.2024 PERM SET  
01.20.2024 REV SET  
01.20.2024 CONSTRUCTION SET

DATE: 1/26/2024  
DWG.#: 6701220  
DRAWN BY: J71  
SCALE: 3/4" = 1'-0"  
MASTER DRAWING

SHEET NO. 1

CAPTIVE #4872 BROOKLYN, NY  
1510 Broadway,  
Brooklyn, NY, 11222

**Polaris**  
214 W. Main Street, Suite 208  
Moorestown, NJ 08057  
(856) 778-5400

**CHIPOTLE MEXICAN BELL**  
CHIPPOTLE MEXICAN BELL, INC.  
10000 W. CENTURY BLVD., SUITE 200  
DENVER, CO 80231  
800-426-9000  
WWW.CHIPPOTLE.COM

STORE NO.: 31-4872  
BEDFORD STUPESANT  
1350 BROADWAY  
BROOKLYN, NY 11221

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DWG.#: 6701220  
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SCALE: 3/4" = 1'-0"  
MASTER DRAWING

SHEET NO. 1

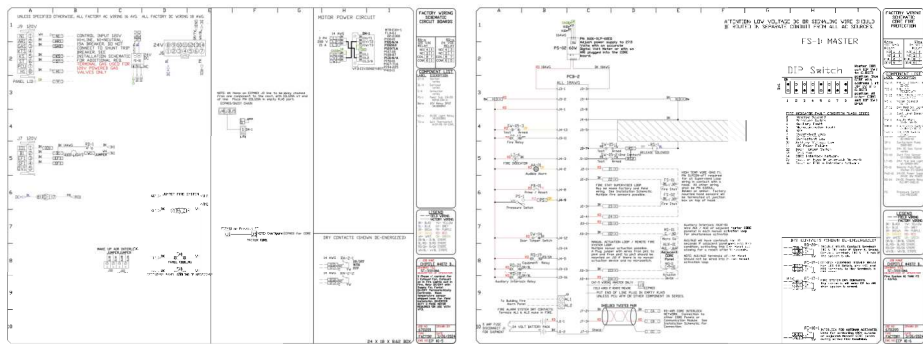
**M-401.00**  
4 OF 12

0001 MVA File # R0205687 01





HOOD SHOP DRAWING PRODUCED BY  
MANUFACTURER - FOR REFERENCE ONLY



Terminal Pin Wiring	Terminal Pin Wiring																												
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**REVISIONS**

NO.	DESCRIPTION	DATE

**CAPTIVE WIRE**  
Hydronics Group  
4881 Ridgecroft Drive, Raleigh, NC 27614 (919) 877-2277 Email: info@captivewire.com

CHIPOTLE  
1510 Broadway,  
Brooklyn, NY, 11211

DATE: 3/26/2024  
DWG.#: 671-220  
DRAWN BY: ECH  
SCALE: 3/4" = 1'-0"  
MASTER DRAWING

SHEET NO. 4

**Polaris**  
214 W. Main Street, Suite 208  
Moorestown, NJ 08057  
(856) 718-5400



STORE NO.: 31-4872  
BEDFORD STUYVESANT  
1510 BROADWAY  
BROOKLYN, NY 11211

REV. DATE	DESCRIPTION
2024.04.23	LED REVIEW SET
20.09.2024	PERM SET
21.02.2024	RFQ SET
10.03.2024	CONSTRUCTION SET

PROFESSIONAL SEAL

Michael J. B. B. P.E.  
REGISTERED PROFESSIONAL ENGINEER - MECHANICAL E.E.  
PROVIDED BY: ECH  
DRAWING NO.: 671-220  
PROJECT NO.: 22034

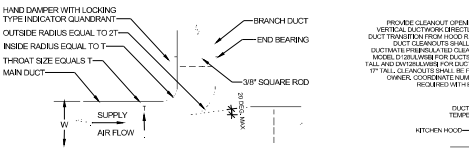
PROJECT: CAPTIVE WIRE DRAWINGS

M-404.00  
7 OF 12  
0001 MDA File # RZ125687.01



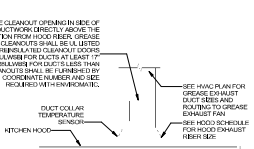




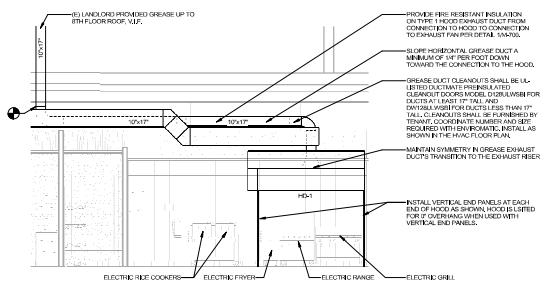


NOTES:  
 1. FURNISH THIS TYPE CONNECTION FOR BRANCHES WITH MORE THAN 200 CFM.  
 2. MUST BE USED WHEN VY IS GREATER THAN OR EQUAL TO 36\"/>

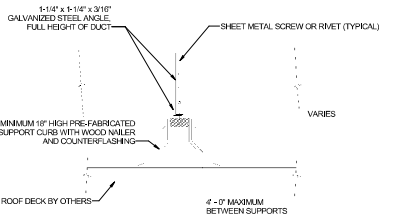
① HVAC - SECTANGULAR DUCT BRANCH  
NOT TO SCALE



② HVAC - GREASE EXHAUST DUCT AT HOOD  
NOT TO SCALE

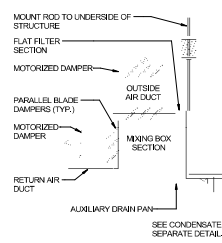


③ HVAC - HOOD DUCTWORK SECTION  
1/4\"/>

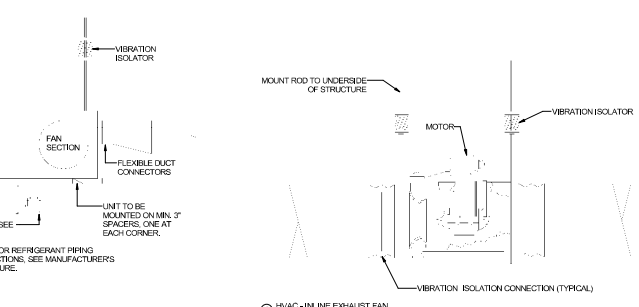


NOTES:  
 HVAC CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE EXISTING ROOFING WHERE NEW EQUIPMENT AND DUCT CURBS ARE TO BE SET AND WHERE NEW DUCT PENETRATIONS THROUGH THE ROOF OCCUR.  
 HVAC CONTRACTOR SHALL BE RESPONSIBLE TO CUT NEW ROOF OPENINGS FOR NEW DUCTWORK, PIPING, ETC. AFTER SETTING OF THE DUCT AND EQUIPMENT CURBS. PROVIDE NEW ROOF FLASHING AND COUNTER FLASHING. IF THE ROOF HAS BEEN INSTALLED WITHIN THE PAST 5 YEARS THE HVAC CONTRACTOR SHALL HIRE THE SERVICES OF THAT ROOFING CONTRACTOR TO INSTALL ALL CURBS AND DUCT PENETRATIONS SO NOT VOID ROOF GUARANTEES. COORDINATE THE ABOVE WITH THE OWNER AND THE ARCHITECT.

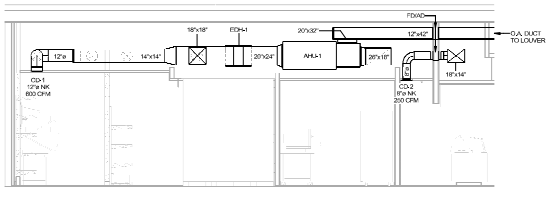
④ HVAC - ROOF TOP DUCT SUPPORT CURB DETAIL  
NOT TO SCALE



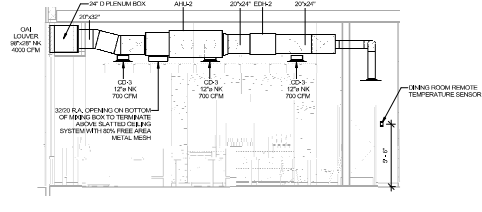
⑤ HVAC - AHU ABOVE CEILING  
1/8\"/>



⑥ HVAC - IN-LINE EXHAUST FAN  
NOT TO SCALE



⑦ HVAC - AHU-1 SECTION  
1/4\"/>



⑧ HVAC - DINING ROOM DUCTWORK SECTION  
1/4\"/>

**Polaris**  
 214 W. Main Street, Suite 208  
 Moorestown, NJ 08057  
 (856) 778-5400

**CHIPOTLE MEXICAN BELL**  
 CHIPOTLE MEXICAN BELL, INC.  
 10000 W. CENTRAL EXP.  
 SUITE 100  
 DENVER, CO 80231  
 PHONE: 303.733.9000  
 WEBSITE: WWW.CHIPOTLE.COM

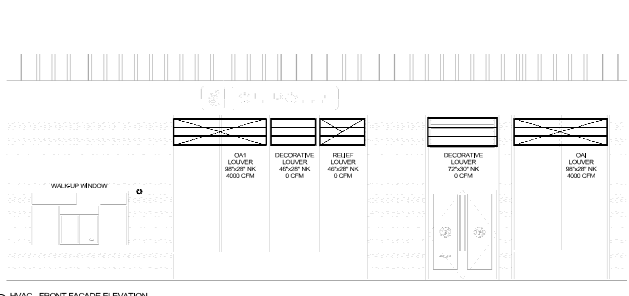
STORE NO.: 31-4872  
 BEDFORD STUYVESANT  
 1350 BROADWAY  
 BROOKLYN, NY 11221

REV. DATE	DESCRIPTION
2024.04.23	LED REVIEW SET
20.09.2024	PERMITS SET
01.02.2024	RFQ SET
10.03.2024	COORDINATION SET

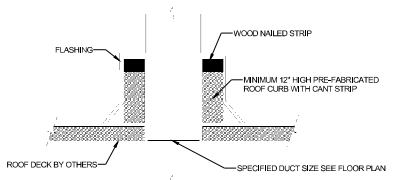
PROVISIONS:  
 MOUNT TO STRUCTURE  
 PROVIDE NEW VIBRATION SENSOR, MINIMUM 1/2\"/>

REVISED:  
 HVAC DETAILS  
 M-701.00  
 11 OF 12  
 0001 MDA File # RZ055687.01

2024-DBF2/PW1-4

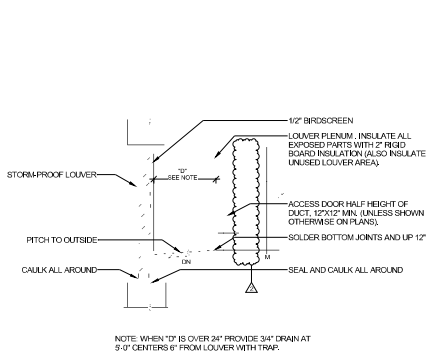


1 HVAC - FRONT FACADE ELEVATION  
1/4" = 1'-0"

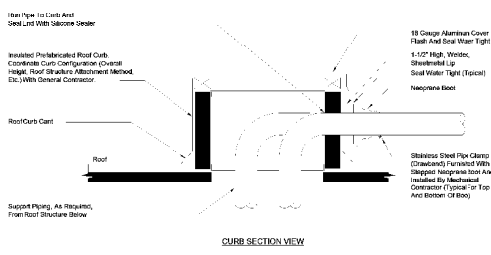


NOTES:  
HVAC CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE EXISTING ROOFING WHERE NEW EQUIPMENT AND DUCT CURBS ARE TO BE SET AND WHERE NEW DUCT PENETRATIONS THROUGH THE ROOF OCCUR. HVAC CONTRACTOR SHALL BE RESPONSIBLE TO CUT NEW ROOF OPENINGS FOR NEW DUCTWORK, PIPING, ETC. AFTER SETTING OF THE DUCT AND EQUIPMENT CURBS, PROVIDE NEW ROOF FLASHING AND COUNTER FLASHING. IF THE ROOF HAS BEEN INSTALLED WITHIN THE PAST 5 YEARS THE HVAC CONTRACTOR SHALL HIRE THE SERVICES OF THAT ROOFING CONTRACTOR TO INSTALL ALL CURBS AND DUCT PENETRATIONS SO NOT TO VOID ROOF WARRANTIES. COORDINATE THE ABOVE WITH THE OWNER AND THE ARCHITECT.

2 HVAC - DUCTWORK ROOF PENETRATION DETAIL  
1/8" = 1'-0"



3 HVAC - MOTORIZED WALL LOUVER  
NOT TO SCALE



NOTES:  
1. Contractor Shall Coordinate All Roof Penetrations With Existing Conditions.  
2. HVAC Contractor Shall Be Responsible To Remove Existing Roofing Where New Pipe Curbs Are To Be Set And Where Penetrations Through The Roof Occur. HVAC Contractor Shall Be Responsible To Cut New Roof Openings For New Piping. After Setting Of New Pipe Curbs, Provide New Roof Flashing And Counter Flashing. If The Roof Has Been Installed Within The Past 5 Years The HVAC Contractor Shall Hire The Services Of That Roofing Contractor To Install All Pipe Curbs So Not To Void Roof Guarantees. Coordinate The Above With The Owner And The Architect. The Final Height Of Piping Above The Finished Floor Shall Be Determined By The Architect. The Piping Shall Be Installed To Provide Adequate Clearance Below Piping For Future Re-Roofing Operations.

4 HVAC - PIPE THRU ROOF CURB DETAIL  
1/8" = 1'-0"

2024-DBF2/PW1-4

OWNER:

214 W. Main Street, Suite 208  
Moorestown, NJ 08057  
(856) 718-5400

---

DESIGNER:

CHIPOTLE MEXICAN GRILL, INC.  
10000 W. CENTURY BLVD., SUITE 200  
CENTURY, CO 80115  
TEL: 303.426.0000  
WWW.CHIPOTLE.COM

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STORE NO.: 31-4872  
BEEFORD STUYVESANT  
1510 BROADWAY  
BROOKLYN, NY 11221

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REV. DATE	DESCRIPTION
2024.04.23	110 REVIEW SET
20.06.2024	PERM SET
01.02.2024	REV SET
01.08.2024	110 COMMENTS
10.23.2024	CONSTRUCTION SET

---

PROFESSIONAL SEAL:

ARCHITECT: J. B. BULL, P.E.  
REGISTERED ARCHITECT

REGISTERED MECHANICAL ENGINEER: MICHAEL P. F.  
REGISTERED ELECTRICAL ENGINEER: J. B. BULL, P.E.  
REGISTERED PLUMBING ENGINEER: J. B. BULL, P.E.

PROJECT NUMBER:  
22514

PROJECT TITLE:  
HVAC DETAILS

---

DATE: 04/23/2024

**M-702.00**

12 OF 12

0001-NOVA-File # R-10255667-11

**NEW PLUMBING CODES**

- 1. ALL PLUMBING SYSTEMS (SANITARY, WASTE, VENT AND WATER DISTRIBUTION) (PIPING SYSTEMS) SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION PC 100.0.
- 2. INSTALLATION OF SANITARY AND WASTE PIPING SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION PC 100.0.
- 3. PROTECTION OF PERIMETER PASSIVE LAYER OR THROUGH FOUNDATION WALLS AS PER SECTION PC 100.0.
- 4. TROUBLESHOOTING, EXCAVATION AND BACKFILL AS PER SECTION PC 100.0.
- 5. SUMP FLOODING AS PER PC 100.0.
- 6. MATERIALS USED IN PLUMBING SYSTEMS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION PC 100.0, PC 100.0, PC 100.0, PC 100.0, PC 100.0.
- 7. EQUIPMENT CONNECTIONS AND JUNCTIONS OF PIPING SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF CHAPTERS 4, 5, 6 & 7 AND 8.
- 8. DEEP SEAL TRAPS FOR FLOOR DRAINING SHALL BE PROVIDED AS PER PC 100.0 & CLEANOUTS SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION PC 100.0.
- 9. BUILDING HOUSE TRAPS SHALL BE PROVIDED AS PER SECTION PC 100.0.
- 10. DRAINAGE PIPE CLEANOUTS AS PER SECTION PC 100.0.
- 11. VERTICAL AND HORIZONTAL PIPING SHALL BE SUPPORTED IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION PC 100.0.
- 12. WATER SUPPLY SYSTEMS SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE REQUIREMENTS OF CHAPTERS 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.
- 13. THE SANITARY DRAINAGE SYSTEM SHALL BE SEED AND REPAIRED IN ACCORDANCE WITH THE REQUIREMENTS OF CHAPTER 11 SECTION PC 100.0, PC 100.0, PC 100.0, PC 100.0, PC 100.0.
- 14. VENT PIPING FOR THE SANITARY DRAINAGE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF CHAPTER 11 SECTION PC 100.0, PC 100.0, PC 100.0, PC 100.0, PC 100.0.
- 15. THE STORM DRAINAGE PIPING SHALL BE SEED AND INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF CHAPTER 11 SECTION PC 100.0, PC 100.0, PC 100.0, PC 100.0, PC 100.0.
- 16. INSPECTION AND TESTING OF PLUMBING PIPING SYSTEMS SHALL BE IN ACCORDANCE WITH SECTION PC 100.0, PC 100.0.
- 17. TEMPORARY TOILET FACILITIES SHALL BE PROVIDED FOR WORKMANS AS PER SECTION PC 100.0.

- 1. ALL PLUMBING WORK SHALL COMPLY WITH NEW YORK CITY CODE SECTION 24-209 AND 24-210.
- 2. ALL PLUMBING WORK SHALL COMPLY WITH THE WATER CONSERVATION LOCAL LAW 2010.
- 3. PRIOR TO DISCONNECTING AND CONNECTING NEW WORK TO EXISTING SYSTEMS, THE PLUMBING CONTRACTOR SHALL NOTIFY THE PROPERTY MANAGER AND OBTAIN A SCHEDULE OF WORK, SPLIT COVERS AND SPLIT COVERS SHALL BE PERFORMED BY THE PLUMBING CONTRACTOR AT HIS/HER OWN RISK AND LIABILITY.
- 4. CONNECTION TO EXISTING SYSTEMS MAY HAVE TO BE MADE AFTER REGULAR WORKING HOURS.
- 5. ALL WORK SHALL BE CONFORM TO THE BUILDING STANDARDS, IF THE RESPONSIBILITY OF THE CONTRACTOR TO MEET WITH BUILDING CONSTRUCTION MANAGER IN ORDER TO BECOME FULLY AWARE WITH BUILDING CONSTRUCTION STANDARDS, THERE SHALL BE NO DEVIATION FROM THE BUILDING STANDARDS WITHOUT PRIOR WRITTEN APPROVAL FROM THE CONSTRUCTION MANAGER.

**PIPING INSULATION SCHEDULE**

DOMESTIC COLD WATER INSULATION SCHEDULE	DOMESTIC HOT WATER INSULATION SCHEDULE	PIPE SIZE	MIN. THICKNESS	PIPE SIZE	MIN. THICKNESS
LESS THAN 1/2"	1/2"	ALL SIZES	1"	ALL SIZES	1"
1/2" AND LARGER	1/2" AND LARGER	1/2" AND LARGER	1"	1/2" AND LARGER	1"

NOTE: ALL PLUMBING INSULATION MUST MEET THE REQUIREMENTS OF THE 2020 NYC ENERGY CONSERVATION CONSTRUCTION CODE.

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 NEW YORK CITY ENERGY CONSERVATION CODE.

**PLUMBING SPECIFICATIONS**

- SECTION 1000 - COMMERCIAL PIPING REQUIREMENTS
- PART 1 - GENERAL
- 1.1 SECTION INCLUDES
- A. Plumbing Piping
- 1.2 SUPPORTING DEVICES
- A. Hangers and Pipe Supports: Factory fabricated with galvanized coating, nonmetallic coating for hangers in direct contact with copper tubing.
- B. Racking Assemblies: Powder coated steel, three pipe attachments with pull-out and shear capacities appropriate for supported loads and building materials. L.L. bearing and floor protection systems.
- C. Mechanical Anchor Fasteners: Iron-ore pipe attachments with pull-out and shear capacities appropriate for supported loads and building materials. L.L. bearing and floor protection systems.
- 1.3 INSTALLATION
- A. Install piping with ease and flexibility.
- B. Install hangers for changes in installation and branch connections.
- C. Install hangers for pipes passing through concrete and masonry walls, gypsum board partitions, and concrete floor and ceiling.
- D. Exposed VME Pipe Penetrations: Mechanical device shall consist of steel or cast supports for wall inserts.
- E. Fire Barrier Penetrations: Seal pipe penetrations with through-penetration firestop systems.
- F. Install unions adjacent to each valve and at floor connections to each piece of equipment.
- G. Install isolation unions and flanges to connect piping materials of dissimilar materials in piping joints.
- H. Install unions, couplings and end fittings connecting piping materials of dissimilar materials in water piping.
- I. Provide lag requirements at all fitting penetrations through walls or ceilings, tightly seal enclosures to the surrounding structure.
- 1.4 WELDING AND SUPPORTS
- A. Install all pipe attachments in either vertical or horizontal, unless otherwise indicated at each connection point, including valves, flanges, gages, valves, expansion joints, and at changes in direction of piping.
- B. Install pipe hangers and pipe brackets in concrete where concrete is cast. Do not use lightweight concrete or fill less than 4 inches thick.
- C. Install mechanical anchor fasteners to concrete after concrete is cast.
- D. Support the mechanical anchor system independent of other joints.
- E. Load Distribution: Install hangers and supports so piping will be dead loading and stresses from movement will not be transmitted to connected equipment.

**SECTION 1000 - MECHANICAL INSULATION**

- PART 1 - GENERAL
- 1.1 SECTION INCLUDES
- A. Insulation
- B. Quality Assurance: Labeled with minimum R-value and maximum service temperature.
- 1.2 PRODUCTS
- A. Fiberglass Glass Fiber Pipe Insulation: ASTM C-575, Class 1, with factory applied all purpose vapor barrier paper.
- B. Polyurethane Pipe Insulation: Unskatall adjustable, preformed pipe insulation. Comply with ASTM C-574, Type II, except for density.
- 1.3 INSTALLATION
- A. Install vapor barriers on insulated pipes with surface operating temperatures below 60 deg. F.
- B. Insulate fittings, valves, and specialties.
- C. Seal vapor barrier connections for hangers, supports, anchors, and other penetrations.
- D. Connect Glass Fiber pipe insulation areas with vapor barrier coating.
- E. Seal Penetrations: Apply insulation for interior applications to a point even with the top of the roof flashing.
- F. Exterior Wall Penetrations: For penetrations of below grade exterior walls, terminate insulation flush with exterior wall sheath.
- G. Interior Wall and Partition Penetrations: Apply insulation continuously through walls and partitions, except for metal walls and partitions.
- H. Pipe Hangers (Walk and Partition Penetrations): Terminate insulation at penetrations through fire rated walls and partitions. Seal exterior connections with through penetration flashing systems.
- I. Floor Penetrations: Terminate insulation in the underside of the floor assembly and at the floor support at top of floor. Seal exterior connections with through penetration flashing systems.
- J. Glass Fiber Insulation Installation: Good insulation to pipe with adhesives, Seal seams and joints with vapor barrier compound.
- K. Interior Piping System Applications: Insulate the following piping systems:
  - 1. Domestic hot and cold water.
  - 2. Support sanitary drains for fixtures for the district.
  - 3. Indirect connections.
  - 4. Do not stack insulation the following systems, materials, and equipment:
    - 1. Fire protection piping systems.
    - 2. Sanitary drainage and vent piping.
    - 3. Fire protection piping systems.
    - 4. Chrome plated pipes and fittings, except for plumbing fixtures for the district.
    - 5. Piping specialties, including air strikers, unions, valves, check valves, plug valves, and flow regulators.
- L. Floor Insulation Thickness Application Schedule: Insulate piping with the following materials and thicknesses:
  - 1. Domestic Hot and Cold Water: 10cm preformed glass fiber pipe insulation.
  - 2. Indirect Connections: 10-cm polyethylene pipe insulation.

**SECTION 1010 - VALVES**

- PART 1 - GENERAL (See Schedule)
- 1.1 SECTION INCLUDES
- A. Use General: Threads shall comply with ANSI B1.20.1, flanges shall comply with ANSI B16.1 for steel valves and ANSI B16.24 for iron valves. Subsequent connections shall comply with ANSI B16.1.
- B. Ball Valves: Selection for 150 psig indicated mean pressure. 150 psig WOG pressure. 2 piece operation with bronze body standard for regular port, chrome plated brass ball, nonmetallic Teflon or TFE seats and ends. Manual shut-off arm, and hand wheel (optional).
- C. Plug Valves: Rated at 150 psig WOG, bronze body, with straightway pattern, square head, and threaded ends.
- D. Swing Check Valve: Class 125, cast bronze body and cap, with horizontal swing, upstream and down stream connection.
- E. Valves for Copper Tube: Solder end, except provide threaded ends for heating hot water and low pressure steam service.
- F. Valves for Steel Pipe: Threaded ends.
- 1.2 PRODUCTS
- 1.3 INSTALLATION
- A. Use pipe and ball valves for shut-off duty and ball for throttling duty.
- B. Locate valves for easy access and provide separate support where necessary.
- C. Install valves for each function and location of equipment.
- D. Install valves in horizontal piping with stem at or above center of pipe.
- E. Install valves in a position to allow full stem movement.
- F. Install open valves for proper direction of flow in horizontal position with flange on back.

- SECTION 1010 - DOMESTIC WATER PIPING
  - PART 1 - GENERAL
  - 1.1 SECTION INCLUDES
  - A. Performance Requirements: Unless otherwise indicated minimum pressure requirements for water piping are as follows:
    - 1. Service Entrance Piping: 100 psig.
    - 2. Domestic Water Piping: 80 psig.
  - B. Comply with NSF 61 "Drinking Water System Components - Health Effects."
- 1.2 PRODUCTS
- 2.1 PIPES AND TUBES
- A. Hot Copper Tube: ASTM B 88, Types L and M, water table, drawn temper.
- 2.2 FITTINGS
- A. 90 Degree Copper, Solder Joint Pressure Fittings: ASME B 16.22.
- B. Cast Copper Alloy, Solder Joint Pressure Fittings: ASME B 16.15.
- C. Bronze Fittings: ASME B 16.15, Class 150, Class 150 iron 305.
- D. Copper Valves: ASME B 16.15, cast copper alloy body, repaired ends, with ball and socket joint, metal internal sealing surfaces, and solder joint, threaded, or solder joint and threaded ends. Threads complying with ASME B 16.25.
- 2.3 JOINTS AND TRENCHES
- A. Solder Free Joint: ASTM B 32, lead free.
- B. Strapping the Male: ANGLEVALVE apply to suit system requirements.

- SECTION 1010 - PLUMBING FIXTURES
  - PART 1 - GENERAL
  - 1.1 SECTION INCLUDES
  - A. Sinks
  - B. Comply with requirements of Public Law 104-166, "Energy Policy Act," regarding water flow rate and water consumption of plumbing fixtures.
  - C. Comply with applicable code provisions below:
    - 1. Standards: Cast Iron Fixtures: ASME A112.10.1M.
    - 2. National Sanitation Foundation Construction: NFSC.
    - 3. Plumbing Equipment Fixtures: ASME A112.10.4M.
    - 4. Standard Setting Schedule: ASTM A 102.
    - 5. Standard Steel Fixtures: ASME A112.10.3M.
    - 6. Standard Cast Iron Fixtures: ASME A112.10.2M.
- 1.2 PRODUCTS
- 2.1 Refer to the fixture schedule on drawing P100.
- 1.3 INSTALLATION
- A. Install to manufacturer's instructions for the district.
- B. Install fixtures with legs and gasket seats.
- C. Install fixtures where hot accessible water, clean and outside with handle mounted on wide side of compartment. Install other variations in locations that are easy for the district to access.
- D. Install fixtures where hot accessible water, clean and outside with handle mounted on wide side of compartment, and to building with construction when no support is indicated.
- E. Fixtures shall be installed in a location, where fixtures having traps for securing fixture to wall connections, located to support or adjacent to wall space behind fixture.
- F. Fixtures shall be installed in a location, where fixtures having traps for securing fixture to wall connections, located to support or adjacent to wall space behind fixture.
- G. Install shower receptors and trap beams in landing level of corner gasket.
- H. Install standard supply valves, ready access, readily accessible, and include trap traps with ultrasonic of fixture.
- I. Install water supply trap valves in accessible locations.
- J. Install traps in the main trap line, trap traps on the main trap line, trap traps on indirect wastes, unless otherwise indicated.
- K. Install traps in the main trap line, trap traps on the main trap line, trap traps on indirect wastes, unless otherwise indicated.
- L. Install traps in the main trap line, trap traps on the main trap line, trap traps on indirect wastes, unless otherwise indicated.
- M. Seal joints between fixture and walls, floors, and corners using sanitary seal, one part, thick resistant, silicone based. Match color of fixture to floor.
- N. Seal pipe connections between plumbing fixtures and piping systems using sanitary equipment. Install protection on cables and stems of fixtures to the district.
- O. Ground equipment. Tighten electrical connections and terminals according to UL 484 and UL 488B.

- SECTION 1020 - SANITARY WASTE AND VENT PIPING
- PART 1 - GENERAL
- 1.1 SECTION INCLUDES
- A. Minimum Pressure Requirement for Soil, Waste and Vent: 10 feet head.
- 1.2 PRODUCTS
- 2.1 PRODUCTS
- 2.2 FITTINGS
- 2.3 INSTALLATION
- A. Inspect and test piping systems following procedures of authorities having jurisdiction.
- B. Clean and deaerate water distribution piping following procedures of authorities having jurisdiction.

- SECTION 1020 - PLUMBING SPECIALTIES
- PART 1 - GENERAL
- 1.1 SECTION INCLUDES
- A. Minimum Pressure Requirement for Soil, Waste and Vent: 10 feet head.
- 1.2 PRODUCTS
- 2.1 Refer to the fixture schedule on drawing P100.
- 1.3 INSTALLATION
- A. Install equipment in accordance with manufacturer's instructions and where required by authorities having jurisdiction.
- B. Install traps in the main trap line, trap traps on the main trap line, trap traps on indirect wastes, unless otherwise indicated.
- C. Install traps in the main trap line, trap traps on the main trap line, trap traps on indirect wastes, unless otherwise indicated.
- D. Install traps in the main trap line, trap traps on the main trap line, trap traps on indirect wastes, unless otherwise indicated.
- E. Seal joints between fixture and walls, floors, and corners using sanitary seal, one part, thick resistant, silicone based. Match color of fixture to floor.
- F. Seal pipe connections between plumbing fixtures and piping systems using sanitary equipment. Install protection on cables and stems of fixtures to the district.
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- SECTION 1020 - PLUMBING SPECIALTIES
- PART 1 - GENERAL
- 1.1 SECTION INCLUDES
- A. Minimum Pressure Requirement for Soil, Waste and Vent: 10 feet head.
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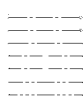
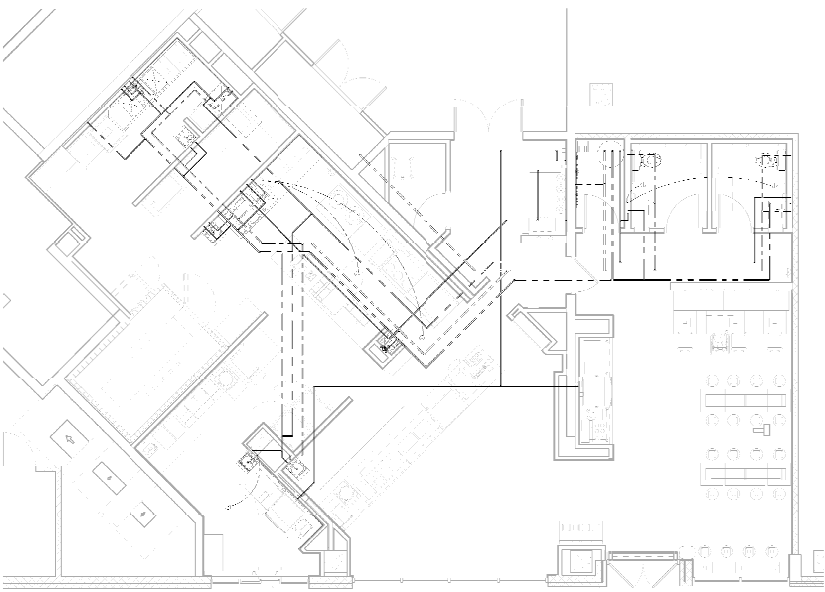
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GENERAL NOTES

- A. THE EXISTING CONDITIONS ARE BASED ON "AS-BUILT" DRAWINGS AND UNLIMITED FIELD VERIFICATION. THE CONTRACTOR SHALL ADJUST TO ACTUAL FIELD CONDITIONS AT NO ADDITIONAL EXPENSE TO THE PROJECT AND ADDITIONAL CONDITIONS SHALL BE PROVIDED FOR ANY SITUATION DUE TO THE CONTRACTOR'S FAILURE TO MEET THE PROJECT. SEE ARCHITECT'S PRELIMINARY REPORT OF EXISTING CONDITIONS REPORT TO SUBMITTING THE SELLER'S REQUIREMENTS SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT ENGINEER FOR RESOLUTION.
- B. THE CONTRACTOR SHALL FURNISH: HIRING WITH THE INCIDENTAL DEMOLITION WORK. PRIOR TO BEGINNING AND COMMENCEMENT OF WORK, THE CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF ALL EXISTING EQUIPMENT AS REQUIRED FOR THE INSTALLATION/CONSTRUCTION OF NEW WORK.
- C. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE HEALTH, ENVIRONMENTAL AND LOCAL CODE REQUIREMENTS. SEE SHEET 0201 FOR THE PREVAILING CODES.
- D. PROVIDE ACCESS PANELS AS REQUIRED TO ALLOW ACCESS TO VALVES, EQUIPMENT, ETC. LOCATIONS NOT ACCESSIBLE BY CEILING AND WALL LOCATIONS. COORDINATE LOCATIONS WITH ARCHITECT.
- E. COORDINATE ALL SLAB PENETRATIONS WITH ARCHITECT AND GENERAL CONTRACTOR PRIOR TO CONSTRUCTION. MAINTAIN A MINIMUM 2" CLEARANCE FROM THE EDGE OF THE SLAB REQUIRED TO ANY STRUCTURAL MEMBERS AND PILES.
- F. PIPE SIZES INDICATED ON THE PLANS ARE MINIMUM. THE CONTRACTOR SHALL PROVIDE PIPE SIZES TO BE GREATER THAN THE MINIMUM SIZES. THE CONTRACTOR SHALL INCREASE PIPE SIZES AS REQUIRED AT NO ADDITIONAL EXPENSE TO THE PROJECT.
- G. REFER TO THE PLUMBING FEATURE SCHEDULE FOR INDIVIDUAL PLUMBING FEATURE CONNECTION SIZE REQUIREMENTS.
- H. NOT USED.
- I. ALL PUBLIC USE LAVATORY FAUCETS SHALL HAVE AN AUTOMATIC SAFETY WATERING DEVICE BACKFLOW PREVENTER WITH AN ANTI-VIBRATOR.
- J. ALL HANDICAPPED ACCESSIBLE WATER CLOSETS SHALL HAVE THE FLUSHING HANDLE ON THE WIDE SIDE OF THE HANDICAPPED ACCESSIBLE STALL AS REQUIRED BY LOCAL BARBER FREE CODE REQUIREMENTS.
- K. THE PLUMBING CONTRACTOR SHALL PROVIDE HEAT TRACING TAPE AND INSULATION AS REQUIRED FOR ALL PERIODICALLY VENTILATED WARM WATERS TO BE PROVIDED FROM FREEDOM. THE HEAT TRACING SHALL BE THERMAL INSULATION. COORDINATE THE INSTALLATION OF THE HEAT TRACING WITH THE ELECTRICAL CONTRACTOR PRIOR TO INSTALLATION.
- L. IF IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO BE RESPONSIBLE FOR ALL EQUIPMENT NOT INSTALLED AS PART OF THE NEW WORK, THE OWNER SHALL HAVE FIRST SALVAGE RIGHTS ON ALL MATERIALS AND EQUIPMENT.
- M. THE EQUIPMENT LOCATIONS INDICATED ON THE DRAWING ARE FOR RECORD PURPOSES ONLY. THE CONTRACTOR SHALL VERIFY THE FINAL INSTALLED LOCATION OF ALL FLOOR MOUNTED EQUIPMENT WITH THE OWNER PRIOR TO INSTALLATION.
- N. PROVIDE STOP VALVES AT EXISTENCES. IN ADDITION, PROVIDE SHUT OFF VALVES FOR ISOLATION OF FUTURE GROUPS.
- O. INSULATE THE HOT AND COLD WATER AND CONDENSATE DRAINAGE PER THE SPECIFICATIONS AND DETAIL 31406.
- P. NOT USED.
- Q. CONCEAL PIPING LINE UNLESS NOT OTHERWISE. WATER SUPPLY PIPES SHALL BE INSTALLED LEVEL. PIPING IN EXTERIOR WALLS SHALL BE INSTALLED ON WARM SIDE OF INSULATION.
- R. WHERE THE WATER SUPPLY LINE IS SHOWN IN THE PLUMBING DRAWINGS BEING FROM ONE FLOOR OR EQUIPMENT LOCATED ON ONE FLOOR, PROVIDE IN-USE PIPE SHOWN TO WITHIN 1' OF THE FUTURE OCCUPANT BEFORE TRANSFERING TO THE CONNECTION SET.
- S. ALL WATER PIPING SHALL BE COPPER, NO PVC ALLOWED.
- T. PERFORM FLOW TEST ON THE INCOMING WATER PRESSURE ON THE DOMESTIC WATER SYSTEM AS POSSIBLE. IF WATER PRESSURE IS LOW OR WHEN COORDINATE WITH CONTRACTOR CONSTRUCTION MANAGER TO PROVIDE A PRESSURE REGULATOR (WATER FLOW) OR EQUALITY. PROVIDE RESULTS OF FLOW TEST TO THE ENGINEER FOR CONSTRUCTION OF ACQUIRE CAPACITY.
- U. PROVIDE TRAP PRIMERS FOR FLOOR DRAINS.
- V. THE TERM "FURNISH" MEANS SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND STARTUP OPERATIONS. THE TERM "INSTALL" DESCRIBES THE OPERATIONS AT THE PROJECT SITE INCLUDING THE ACTUAL UNLOADING, UNPACKING, ASSEMBLY, ERECTING, PLACING, FINISHING, APPLYING WORKING TOOLS, CLEANING, FINISHING, CLEANING, PROTECTING, CLEARING, AND BRUSHING FOR TESTING. THE TERM "THROW" MEANS TO FURNISH AND INSTALL COMPLETE AND READY FOR INTENDED USE.
- W. INSTALL SHUT OFF AND ISOLATION VALVES SHOWN TO BE ABOVE CEILING IN ACCESSIBLE LOCATIONS WITH IN 12" OF LAVATORY CEILING.



MATERIAL SCHEDULE		
CATEGORY	APPLICATION	ALLOWABLE MATERIAL
WATER SUPPLY PIPE	ABOVE GRADE	TYPE L COPPER TUBE