

| PLUMBING SYMBOL LIST | |
|----------------------|---|
| IDENTIFIER | DESCRIPTION |
| — CW | DOMESTIC COLD WATER |
| — W | WASTE PIPING (ABOVE SLAB) |
| — W — | WASTE PIPING (UNDER SLAB) |
| — S | SANITARY PIPING (ABOVE SLAB) |
| — S — | SANITARY PIPING (UNDER SLAB) |
| — V | SANITARY VENT PIPING |
| ⊕ | FIELD CONNECT |
| ⊖ | FIELD DISCONNECT |
| ⊕ | REFER TO SUPPLEMENTAL FIGURE INDICATED BY NUMBER (I.E. F2 REFERS TO FIGURE 2) |
| XXX XX | EQUIPMENT TAG EQUIPMENT NUMBER |
| XXX X-XXX | DETAIL TAG/CALL OUT TAG PLUMBING SHEET NUMBER |

| PIPING ELEMENTS/VALVING | |
|-------------------------|--|
| | BACKFLOW PREVENTER (DOUBLE CHECK VALVE ASSEMBLY) |
| | BALL VALVE |
| | CAP ON END OF PIPE |
| | CLEANOUT |
| | FLOOR DRAIN |
| | GATE VALVE |
| | HOSE BIBB |
| | VALVE IN VALVE BOX |
| | PIPE DROPPING DOWN |
| | PIPE RISING UP |
| | TEE OUTLET DOWN |
| | TEE OUTLET UP |
| | VALVE IN RISE OR DROP |
| | NON FREEZE HOSE BIBB IN BOX W/VACUUM BREAKER |

| SCOPE OF WORK | |
|---|--|
| PLUMBING SCOPE OF WORK INCLUDES, BUT IS NOT LIMITED TO: | |
| 1. REMOVAL OF EXISTING WATER SERVICE. | |
| 2. THE INSTALLATION OF NEW PLUMBING FIXTURES AND ALL ASSOCIATED PIPING AND ACCESSORIES. | |
| 3. THE INSTALLATION OF NEW SANITARY AND DOMESTIC WATER SERVICES. | |
| NOTE: THIS SCOPE OF WORK DESCRIPTION IS PROVIDED TO GIVE AN OVERALL "MACRO" DESCRIPTION OF THIS PROJECT. P.C. IS RESPONSIBLE TO REVIEW ALL ENGINEERING & ARCHITECTURAL DRAWINGS & VISIT THE SITE IF NEEDED, PRIOR TO SUBMISSION OF BID. | |

| CODE REFERENCE | |
|--|--|
| 2020 NEW YORK STATE BUILDING CODE | |
| 2020 NEW YORK STATE MECHANICAL CODE | |
| 2020 NEW YORK STATE PLUMBING CODE | |
| 2020 NEW YORK STATE ENERGY CONSERVATION CODE | |

| SECTION 704 DRAINAGE PIPING INSTALLATION | |
|--|-------------------------------|
| 704.1 SLOPE OF HORIZONTAL DRAINAGE PIPING. | |
| HORIZONTAL DRAINAGE PIPING SHALL BE INSTALLED IN UNIFORM ALIGNMENT AT UNIFORM SLOPES. THE MINIMUM SLOPE OF HORIZONTAL DRAINAGE PIPE SHALL BE IN ACCORDANCE WITH TABLE 704.1. | |
| TABLE 704.1 SLOPE OF HORIZONTAL DRAINAGE PIPE | |
| SIZE (INCHES) | MINIMUM SLOPE (INCH PER FOOT) |
| 2 1/2 OR LESS | 1/4 |
| 3 TO 6 | 1/8 |
| 8 OR LARGER | 1/16 |

| LEED NOTES | |
|---|--|
| 1. ALL ADHESIVES, SEALANTS, PAINTS & COATINGS APPLIED TO THE INTERIOR OF THE BUILDING (WITHIN THE WEATHER PROOFING SYSTEM, INCLUDING WALL CAVITIES) MUST NOT EXCEED THE LEED VOC LIMITS. PROVIDE A VOC SUBMITTAL AND MSDS FOR ALL ADHESIVES, SEALANTS, PAINTS AND COATINGS TO BE APPLIED. | |

| PLUMBING GENERAL NOTES: | |
|-------------------------|---|
| 1. | ALL PLUMBING WORK UNDER THIS CONTRACT SHALL CONFORM TO THE LATEST EDITION OF THE PLUMBING CODE OF NEW YORK STATE (PC-NYS), THE NEW YORK STATE ENERGY CODE, AND THE REQUIREMENTS OF THE UTILITY AND THE LOCAL WATER COMPANY. |
| 2. | ALL MATERIALS SHALL BE NEW UNLESS NOTED OTHERWISE. |
| 3. | THE PLUMBING CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ALL LABOR AND MATERIALS SUPPLIED AND INSTALLED UNDER THIS CONTRACT AND SHALL GUARANTEE THE WORK PERFORMED UNDER THIS CONTRACT FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF ACCEPTANCE OF THIS WORK. |
| 4. | PLUMBING CONTRACTOR SHALL CONSULT WITH, COOPERATE AND COORDINATE WITH THE GENERAL CONTRACTOR, MECHANICAL CONTRACTOR, SPRINKLER CONTRACTOR, ELECTRICAL CONTRACTOR, ETC. IN ORDER TO MINIMIZE INTERFERENCES BETWEEN TRADES DURING PERFORMANCE OF THIS WORK. |
| 5. | THE PLUMBING CONTRACTOR SHALL PREPARE AND FILE ALL REQUIRED PLANS AND PERMITS WITH THE LOCAL AUTHORITIES. PC SHALL PAY THE FILING FEES AS REQUIRED. PC SHALL OBTAIN ALL APPROVALS AND SHALL PAY FOR ALL WORK PERMITS, INSPECTIONS AND SIGN-OFFS AS REQUIRED TO EXECUTE THIS WORK IN A MANNER IN CONFORMANCE WITH THE CODES AND AUTHORITIES HAVING JURISDICTION. |
| 6. | THE PLUMBING CONTRACTOR SHALL PERFORM ALL TESTS AND ARRANGE FOR ALL INSPECTIONS FOR WORK UNDER HIS CONTRACT AS REQUIRED BY LAW AND SHALL SUPPLY ALL CERTIFICATES OF INSURANCE AS REQUIRED BY THE LAW AND THE OWNER. REFER TO SECTION 107 (INSPECTIONS) OF THE PC-NYS. |
| 7. | THE PLUMBING CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO ALL PLUMBING EQUIPMENT REGARDLESS WHETHER ILLUSTRATED HEREIN WITHOUT ANY ADDITIONAL COSTS TO THE OWNER. |
| 8. | PLUMBING CONTRACTOR SHALL VISIT THE SITE & BECOME FAMILIAR WITH THE EXISTING CONDITIONS, INCLUDING THE SIZE OF CONNECTIONS, ROUGHING DIMENSIONS, ETC. BEFORE SUBMITTING A QUOTATION FOR THE WORK. |
| 9. | PLUMBING CONTRACTOR SHALL PERFORM ALL CUTTING, EXCAVATION, BACKFILLING, ROUGH & FINISH PATCHING AS PER THE SPECIFICATIONS AS REQUIRED FOR THE INSTALLATION OF THE WORK, UNLESS NOTED OTHERWISE. |
| 10. | ALL CONNECTIONS TO NEW AND/OR EXISTING EQUIPMENT SHALL BE SIZED AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. |
| 11. | IT IS THE INTENT OF THIS CONTRACT THAT THE COMPLETED WORK BE FULLY OPERATIONAL. |
| 12. | ALL PIPE HANGERS AND SUPPORTS SHALL BE INSTALLED AT INTERVALS AND BE FABRICATED OF MATERIALS AS REQUIRED BY THE PC-NYS. |
| 13. | ALL NEW PLUMBING FIXTURES SHALL BE INSTALLED WITH ANGLE STOP VALVES IN THE SUPPLY LINES SERVING THE FIXTURE. |
| 14. | ALL NEW EXPOSED WATER AND WASTE PIPING SERVING THE FIXTURES SHALL BE CHROME PLATED AND SHALL HAVE CHROME PLATED ESCUTCHEONS RIGIDLY ATTACHED TO THE PIPING AT THE POINT OF WALL OR FLOOR PENETRATIONS. |
| 15. | PLUMBING CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL NEW PLUMBING FIXTURES AND EQUIPMENT TO BE SUPPLIED AND INSTALLED UNDER THIS CONTRACT FOR APPROVAL BEFORE INSTALLATION OF SAME. |
| 16. | WATERPROOF PIPE SLEEVES SHALL BE INSTALLED AT ALL PENETRATIONS THROUGH EXTERIOR WALLS. PIPE SLEEVES SHALL BE INSTALLED AT ALL WALL PENETRATIONS THROUGH INTERIOR WALLS AND FLOORS. |
| 17. | WATER HAMMER ELIMINATORS (APPROVED - FIELD FABRICATED OR MANUFACTURED) SHALL BE INSTALLED AT ALL RUN OUTS IN HOT AND/OR COLD WATER LINES SERVING TOILET ROOMS AND OTHER AREAS WHICH INCORPORATE "RAPID - ACTION" VALVES SUCH AS FLUSHMETERS, SOLENOID VALVES, ETC. |
| 18. | ALL PIPING SHALL BE TESTED AT A MINIMUM PRESSURE OF 1-1/2 TIMES THE MAXIMUM OPERATING PRESSURE UNLESS OTHERWISE NOTED ON THE DOCUMENTS OR THE PLUMBING CODE AND IN ACCORDANCE WITH THE UTILITY REQUIREMENTS. |
| 19. | ALL REMOVALS PERFORMED UNDER THIS CONTRACT SHALL INCLUDE REMOVAL OF ALL DEBRIS AND DISPOSAL AT AN APPROPRIATE SITE. |
| 20. | ALL LAVATORIES DESIGNED FOR USE BY PERSONS CONFINED TO WHEELCHAIRS SHALL HAVE THE HOT & COLD WATER SERVICES, AS WELL AS THE TRAP, RECESSED & INSULATED IN ACCORDANCE WITH ADA REQUIREMENTS. |
| 21. | REFER TO THE ARCHITECTURAL PLANS FOR ALL STRUCTURAL DIMENSIONS. |
| 22. | ALL WORK TO BE COORDINATED WITH OTHER TRADES. |
| 23. | ALL PIPING PENETRATIONS TO BE SEALED AROUND WITH "NELSON" FIRE SEAL. |
| 24. | ALL WATER SERVICE PIPING WITHIN THE BUILDING IS TO BE INSULATED IN ACCORDANCE WITH ALL NEW YORK STATE PLUMBING CODE (NYS-PC) AND NYS ENERGY CODES. |
| 25. | ALL PLUMBING FIXTURES TO BE INSTALLED AS PER FACTORY RECOMMENDATIONS. |
| 26. | ALL PLUMBING FIXTURES TO BE TRAPPED, VENTED AND PROVIDED WITH AIR SHOCKS WHEN REQUIRED. |
| 27. | PLUMBING FIXTURES SHALL COMPLY WITH "WATER CONSERVATION" REQUIREMENT AS DETAILED IN THE NYS-PC. |
| 28. | GC IS RESPONSIBLE TO SUBMIT APPLICATION AND TAP FEES TO LOCAL WATER AUTHORITY AND HAVE OWNER FILL OUT APPLICATION UPON COMPLETION OF PLUMBING ROUGH-IN INSPECTION. |
| 29. | ALL WATER AND HORIZONTAL STORM DRAIN PIPING INCLUDING ROOF DRAIN BODY SHALL BE INSULATED. |
| 30. | FLOOR DRAINS AND FLOOR CLEAN-OUTS SHALL BE SET LEVEL WITH FINISHED FLOORS. |
| 31. | ALL PIPE DIMENSIONS ARE INSIDE CLEAR. |
| 32. | ALL PLUMBING FIXTURES TO HAVE ISOLATION VALVES. |
| 33. | P.C. IS RESPONSIBLE TO ADJUST HOT WATER HEATER (WH) TEMPERATURE TO ENSURE A TEMPERATURE RANGE OF 110°F TO 120°F AT THE INDIVIDUAL FIXTURE OUTPUT. P.C. MUST ENSURE A TEMPERATURE OF 120°F MAXIMUM AT THE FIXTURES TO PREVENT SCALDING. |
| 34. | BUILDING DOMESTIC WATER DEMAND & SIZING IS CALCULATED FROM NYS-PC SECTION 603, 604 & APPENDIX E. |
| 35. | BUILDING SANITARY DEMAND & SIZING IS CALCULATED FROM NYS-PC SECTIONS 709 AND 710. |
| 36. | ALL DPU CALCULATIONS ARE BASED OFF OF TABLE 709.1 OF THE NYS-PC. |
| 37. | ALL SANITARY WATER PIPING SHALL BE PITCHED IN ACCORDANCE WITH NYS-PC SECTION 704 BASED ON TABLE 704.1 SLOPE OF HORIZONTAL DRAINAGE PIPE. |
| 38. | ALL VENT SIZING IS BASED OFF OF SECTION 916 OF THE NYS PLUMBING CODE. |
| 39. | ALL PLUMBING EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S REQUIREMENTS/SPECIFICATIONS. |

| ABBREVIATIONS: | |
|----------------|------------------------------|
| AD | ACCESS DOOR |
| BFP | BACKFLOW PREVENTER |
| CO | CLEAN OUT |
| CW | COLD WATER |
| DCV | DOUBLE CHECK VALVE |
| DFU | DRAINAGE FIXTURE UNIT |
| DPCO | DECK PLATE CLEAN OUT |
| FC | FIELD CONNECT |
| FD | FLOOR DRAIN |
| FFD | FUNNEL FLOOR DRAIN |
| FU | FIXTURE UNIT |
| HW | HOT WATER |
| HWR | HOT WATER RETURN |
| IAW | IN ACCORDANCE WITH |
| IWFD | INDIRECT WASTE FUNNEL DRAIN |
| LAV | LAVATORY |
| JS | JANITOR'S SINK |
| NC | NORMALLY CLOSED |
| NO | NORMALLY OPEN |
| NYS-PC | NEW YORK STATE PLUMBING CODE |
| RD | ROOF DRAIN |
| S | SANITARY |
| SD | STORM DRAIN |
| TMV | THERMOSTATIC MIXING VALVE |
| U.O.N. | UNLESS OTHERWISE NOTED |
| UR | URINAL |
| V | VENT |
| WC | WATER CLOSET |
| PC | PLUMBING CONTRACTOR |
| MC | MECHANICAL CONTRACTOR |
| TYP. | TYPICAL |
| VIF | VERIFY IN FIELD |
| WCO | WALL CLEAN OUT |
| WFU | WATER FIXTURE UNITS |
| (N) | NEW |
| (E) | EXISTING |
| (D) | DEMO |

THE ABBREVIATIONS ARE SHOWN FOR GENERAL REFERENCE ONLY. THE PRESENCE OF AN ABBREVIATION ON THIS LIST DOES NOT IMPLY ITS USE ON THIS PROJECT. REFER TO DRAWINGS FOR SPECIFIC ABBREVIATIONS USED.

| PLUMBING FIXTURE SCHEDULE | | | | | | | | | | | |
|---------------------------|---------------------------|---------|--------|--------|--------|------|------|-------------------------------|--------------|------------|-----------------------------------|
| MARK | DESCRIPTION | SERVICE | | | | | | BASED ON: | | | REMARKS |
| | | TRAP | SW | V | CW | TW | HW | ITEM | MANUFACTURER | MODEL | |
| PF-1 | WALL MOUNTED WATER CLOSET | - | 4" | 2" | 1-1/2" | - | - | BOWL FLUSH VALVE SEAT CARRIER | SLOAN | ST-2459 | FLUSH VALVE SLOAN 8111 SFSM-1.28 |
| PF-3 | LAVATORY - WALL-MOUNT | 1-1/2" | 1-1/2" | 1-1/2" | - | 1/2" | - | FAUCET SUPPORT DRAIN TRIM | DURAWT | 2350500030 | FAUCET AMERICAN STANDARD 702B.103 |
| PF-5 | SERVICE SINK | 3" | 3" | 2" | 1/2" | - | 1/2" | FAUCET DRAIN TRIM | MUSTEE | 63M | FAUCET AMERICAN STANDARD 8344.212 |

NOTES:
1. PROVIDE ALL REQUIRED HANGERS, MOUNTING BRACKETS, AND HARDWARE FOR A COMPLETE INSTALLATION PER MANUFACTURER'S INSTRUCTIONS.
2. PROVIDE ALL LAVATORIES WITH POWER KIT PK00.WRK BATTERY PACK W/HOLDER AND MIXING VALVE 605XTM1070.

| ELECTRIC DOMESTIC HOT WATER HEATER SCHEDULE | | | | | | | | | | |
|---|----------------|-----------|----------------|-----------|-----------------------|-------------------------------------|------------|------|-----------|------------------|
| TAG | MANUFACTURER | MODEL | LOCATION | HEATER KW | STORAGE CAPACITY GAL. | STORAGE WATER TEMP SETPOINT (DEG F) | ELECTRICAL | | DIMENSION | APPROX. SHIPPING |
| | | | | | | | V-PH-HZ | AMPS | HxD (IN) | WEIGHT (LBS) |
| WH-1 | BRADFORD WHITE | LE150L3-3 | JANITOR CLOSET | 3 | 47 | 110 | 240-1-60 | 12.5 | 34.5x24 | 140 |

NOTES:

| FLOOR DRAIN SCHEDULE | | | | |
|----------------------|------------|--------------|------------|------------|
| TAG | TYPE | MANUFACTURER | MODEL | SERVICE |
| FD-1 | ADJUSTABLE | ZURN | FD-2320-R5 | ALL SPACES |

NOTES:
1. PROVIDE THE FOLLOWING FOR FD-1: CHROME PLATED STRAINER ASSEMBLY, 6" NICKEL HEAD ASSEMBLY, AND VANDAL PROOF.
2. PROVIDE BARRIER-TYPE TRAP SEAL PROTECTION DEVICE ZURN Z1072 OR APPROVED EQUAL.

| CLEANOUT SCHEDULE | | | |
|-------------------|---------------------------------|--------------|-----------|
| TAG | TYPE | MANUFACTURER | MODEL |
| CO | ADJUSTABLE DECK PLATE CLEAN OUT | WATTS | CO-1200-R |

| WALL HYDRANT SCHEDULE | | | |
|-----------------------|--------------|--------------|---------|
| TAG | TYPE | MANUFACTURER | MODEL |
| NFHB | WALL HYDRANT | ZURN | Z1320XL |

| REDUCED PRESSURE ZONE VALVE SCHEDULE | | | | | |
|--------------------------------------|--------------|---------|----------------|-----------|---------------------|
| TAG | MANUFACTURER | MODEL | LOCATION | SIZE (IN) | PRESSURE DROP (PSI) |
| RPZ-1 | WATTS | LF009-S | SPRINKLER ROOM | 2 | 10 |

NOTES:
1. PROVIDE STRAINER.

| PLUMBING DRAWING LIST | | | |
|-----------------------|---|--------------|---------------|
| SHEET NO. | SHEET NAME | REVISION NO. | REVISION DATE |
| BB-P-01 | PLUMBING NOTES, SYMBOLS, ABBREVIATIONS AND DRAWING LIST | 0 | - |
| BB-P-21 | PLUMBING GROUND FLOOR CONSTRUCTION PLAN | 0 | - |
| BB-P-81 | PLUMBING DETAILS | 0 | - |

CONSULTANT INFORMATION

LiRo Engineers, Inc.
A LiRo Group Company
Syosset, N.Y. 516-214-8157/1

CONSULTANT SEAL

| REVISION NUMBER | DATE | MADE BY | APP'D BY | REVISION |
|-----------------|------|---------|----------|----------|
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RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

CONTRACTOR: _____ PROJECT COORDINATOR: _____

NAME: _____ NAME: _____

SIGNATURE: _____ SIGNATURE: _____

TITLE: _____ DATE: _____ TITLE: _____ DATE: _____

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

**INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
NORTHEAST BURGER BARN**

PLUMBING NOTES, SYMBOLS, ABBREVIATIONS AND DRAWING LIST

| | |
|---|--------------------------------|
| CONTRACT NUMBER 22-523 | SHEET NUMBER BB-P-01 |
| DWG NO.: 66 of 664 | |
| SCALE: AS INDICATED | |
| DATE: 08/23/2022 | |
| DPW FILE NUMBER 1-118-P-815-0 | REV. NO. 0 |

PLUMBING CONSTRUCTION NOTES:

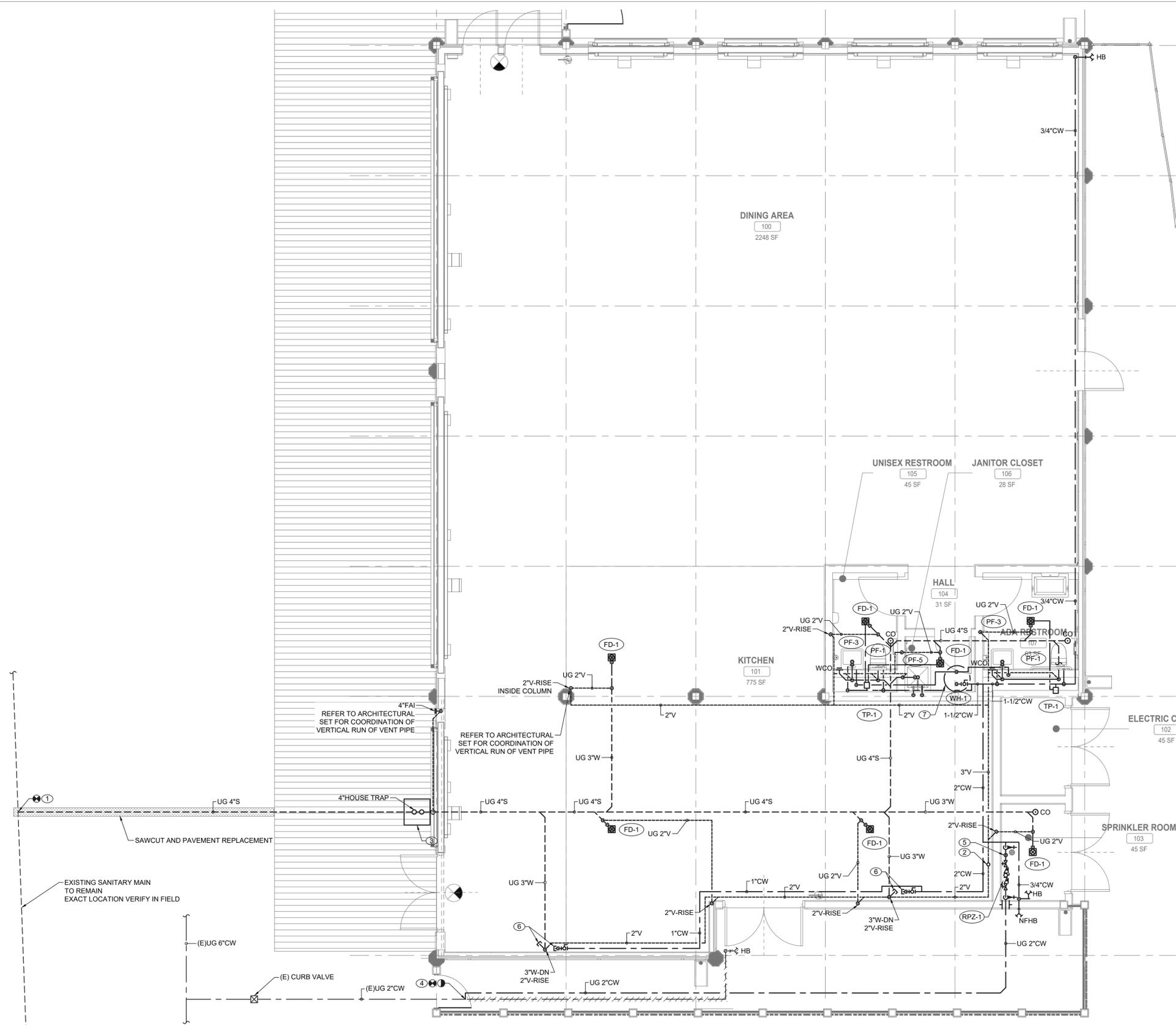
- CONNECT NEW 4" SANITARY SERVICE TO EXISTING SEWER MAIN. CONTRACTOR TO VERIFY THE INVERT, SIZE, AND MATERIAL OF THE EXISTING SEWER PIPING TO FACILITATE NEW SANITARY SERVICE CONNECTION.
- PROVIDE NEW 4" VENT THRU ROOF.
- PROVIDE NEW 4" HOUSE TRAP IN PIT. PROVIDE ACCESS DOOR FOR MAINTENANCE. PROVIDE 4" FRESH AIR INTAKE THRU EXTERIOR WALL. TERMINATE VENT WITH INSECT SCREEN. HOUSE TRAP SHALL BE PROTECTED FROM FREEZING.
- CUT EXISTING WATER SERVICE BELOW GROUND. ABANDON IN PLACE EXISTING WATER SERVICE PIPING. REMOVE PORTIONS OF PIPING THAT EXPOSED OR IN CONFLICT WITH NEW CONSTRUCTION. REMOVE EXISTING HOSE BIB FROM EXTERIOR OF THE BUILDING. VERIFY IN FIELD IF ANY OTHER FACILITIES CONNECTED TO THE SAME WATER SERVICE AND RECONNECT THEM AS NECESSARY. RECONNECT NEW 2" DOMESTIC COLD WATER SERVICE TO EXISTING WATER MAIN.
- PROVIDE A COMPRESSED AIR CONNECTION FOR WINTERIZING.
- PROVIDE 3"W AND 1"CW STUB-UP FOR FUTURE KITCHEN FIXTURES WITHIN EXPOSED NEXT TO THE WALL. CONNECTION SHALL BE ACCESSIBLE AFTER CONSTRUCTION.
- PROVIDE NEW CEILING MOUNTED ELECTRIC WATER HEATER. ALL FAUCETS FOR LAVATORIES WITH MIXING VALVE TO PROVIDE TEMPERED WATER.

GENERAL NOTES:

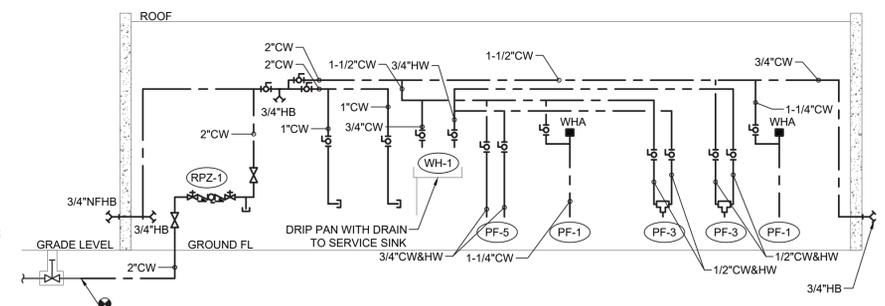
- COORDINATE WITH FACILITY PRIOR TO SHUTDOWN OF WATER DISTRIBUTION SYSTEM FOR ANY DEMOLITION AND CONSTRUCTION WORK.
- PROVIDE DRAIN VALVES AT BOTTOM FOR EACH BRANCH. PROVIDE ACCESS PANELS TO ALL VALVES ABOVE CEILING AND BEHIND WALLS.
- INSTALL NEW WATER PIPING WITH PROPER SLOPES TO AVOID WATER TRAPS DURING WINTER SEASON.
- CONTRACTOR TO COORDINATE WITH FACILITY WHEN WORKING AROUND OR ABOVE THE RIDE COMPONENTS, AND PROVIDE ALL NECESSARY MEASURES TO PROTECT THESE COMPONENTS PER THE REQUIREMENTS OF THE FACILITY.
- UPON COMPLETION, SYSTEM SHALL BE TESTED FOR PROPER OPERATION.
- SEWER CROSSING WATER MAINS, CONDUITS, OR OTHER UTILITY SHALL BE MINIMUM 18" CLEARANCE BETWEEN THE OUTSIDE OF THE UTILITY AND OUTSIDE OF THE SEWER. THE CROSSINGS SHALL BE ARRANGED SO THAT THE SEWER JOINTS WILL BE EQUIDISTANT AND AS FAR AS POSSIBLE FROM THE WATER MAIN JOINTS.

RISER DIAGRAMS NOTES:

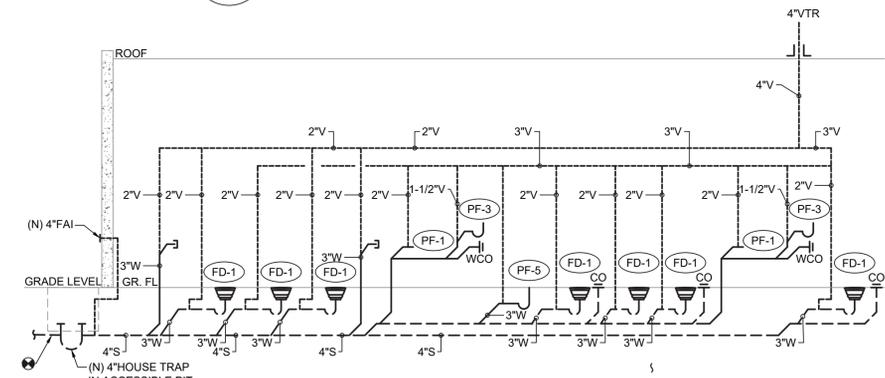
- SANITARY AND DOMESTIC WATER RISER DIAGRAM IS PROVIDED AS A SCHEMATIC AID DELINEATING PROJECT SCOPE. CONTRACTOR SHALL FIELD-VERIFY CONDITIONS AND COMPLY WITH ALL PLUMBING REQUIREMENTS OF THE NEW YORK STATE BUILDING CODE.
- ALL DOMESTIC WATER AND SANITARY PIPING SHALL BE IN FULL CONFORMANCE WITH THE NEW YORK STATE PLUMBING CODE.
- PROVIDE AN AIR CHAMBER AT LEAST THE SIZE OF THE SUPPLY PIPE AT THE TOP OF EACH HOT AND COLD WATER RISER.
- PROVIDE ALL REQUIRED OFFSETS, FITTINGS, VALVES, TRAPS, DRAINS, ETC., EVEN THOUGH TROUGH NOT INDICATED DUE TO SMALL SCALE OF THE DRAWING.
- CHECK DRAWINGS OF OTHER TRADES AND ARRANGE WORK TO AVOID CONFLICTS.
- USE REDUCING FITTINGS FOR CHANGES OF PIPE SIZE. USE NO BUSHING EXCEPT WITH SPECIAL PERMISSION.
- PROVIDE CONTROL GATE VALVES WHERE NOTED OR REQUIRED FOR COMPLETE REGULATING CONTROL OF ALL SYSTEM, PLUMBING FIXTURES, AND EQUIPMENT. VALVES ACCESSIBLE BUT NO VALVES INSTALLED WITH HANDLES POINTING DOWN.
- PROVIDE DRAIN VALVES FOR EACH BRANCH AT BOTTOM OF CHASES. PROVIDE ACCESS PANELS TO ALL VALVES ABOVE CEILING AND BEHIND WALLS.
- INSTALL NEW WATER PIPING WITH PROPER SLOPES TO AVOID WATER TRAPS DURING WINTER SEASON.



1 PLUMBING GROUND FLOOR CONSTRUCTION PLAN
P-21 SCALE: 1/4" = 1'-0"



2 DOMESTIC WATER RISER DIAGRAM
P-21 SCALE: NOT TO SCALE



3 SANITARY RISER DIAGRAM
P-21 SCALE: NOT TO SCALE

CONSULTANT INFORMATION
LiRo Engineers, Inc.
A LiRo Group Company
Syosset, N.Y. 516-214-8157



| REVISION NUMBER | DATE | MADE BY | APP'D BY | REVISION |
|-----------------|------|---------|----------|----------|
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RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

CONTRACTOR: _____ PROJECT COORDINATOR: _____

NAME: _____ NAME: _____

SIGNATURE: _____ SIGNATURE: _____

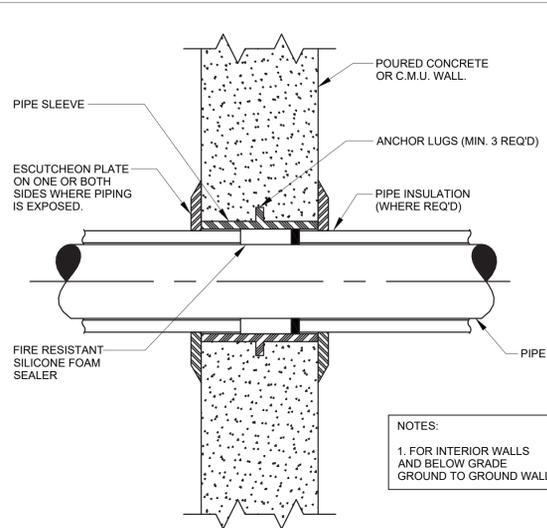
TITLE: _____ TITLE: _____

DATE: _____ DATE: _____

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION - PHASE 3
PLAYLAND PARK, RYE, NEW YORK
NORTHEAST BURGER BARN
PLUMBING GROUND FLOOR CONSTRUCTION PLAN

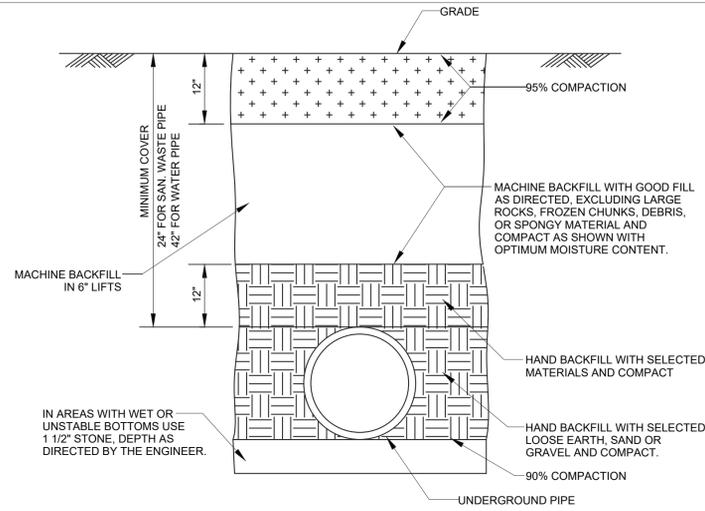
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|----------------------------------|--------------------------------|
| CONTRACT NUMBER 22-523 | SHEET NUMBER BB-P-21 |
| DWG NO.: 67 of 664 | SCALE: AS INDICATED |
| DATE: 08/23/2022 | DPW FILE NUMBER: 1-118-P-816-0 |
| REV. NO.: 0 | |



NOTES:
1. FOR INTERIOR WALLS AND BELOW GRADE GROUND TO GROUND WALLS.

1 PIPE SLEEVE THROUGH WALL DETAIL

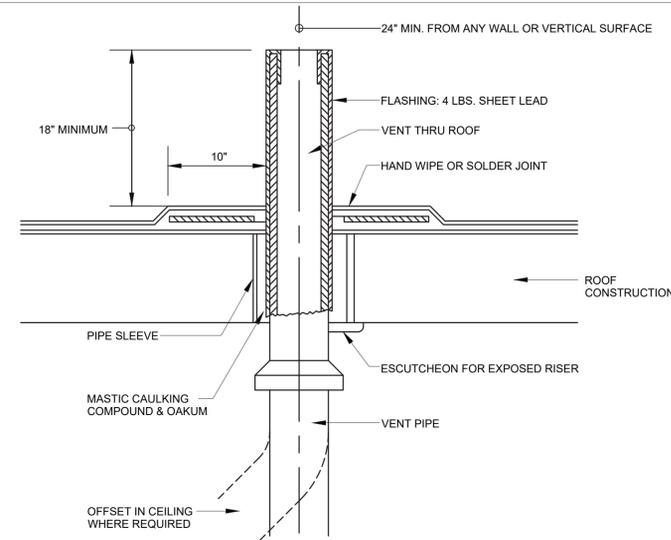
P-81 SCALE: NOT TO SCALE



IN AREAS WITH WET OR UNSTABLE BOTTOMS USE 1 1/2\"/>

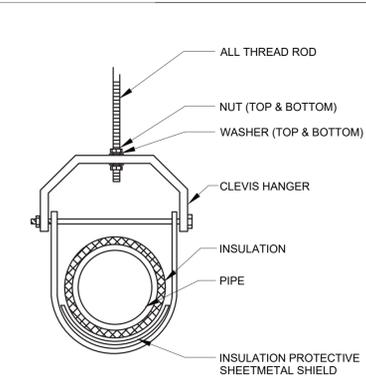
2 PIPE TRENCH DETAIL

P-81 SCALE: NOT TO SCALE



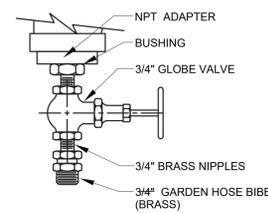
3 VENT THRU ROOF DETAIL

P-81 SCALE: NOT TO SCALE



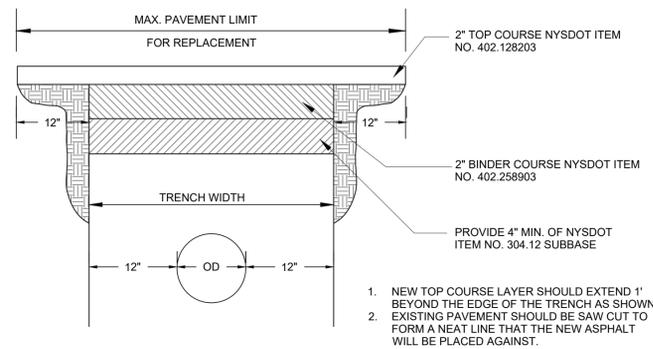
4 TYPICAL CLEVIS HANGER DETAIL

P-81 SCALE: NOT TO SCALE



5 DRAIN VALVE DETAIL

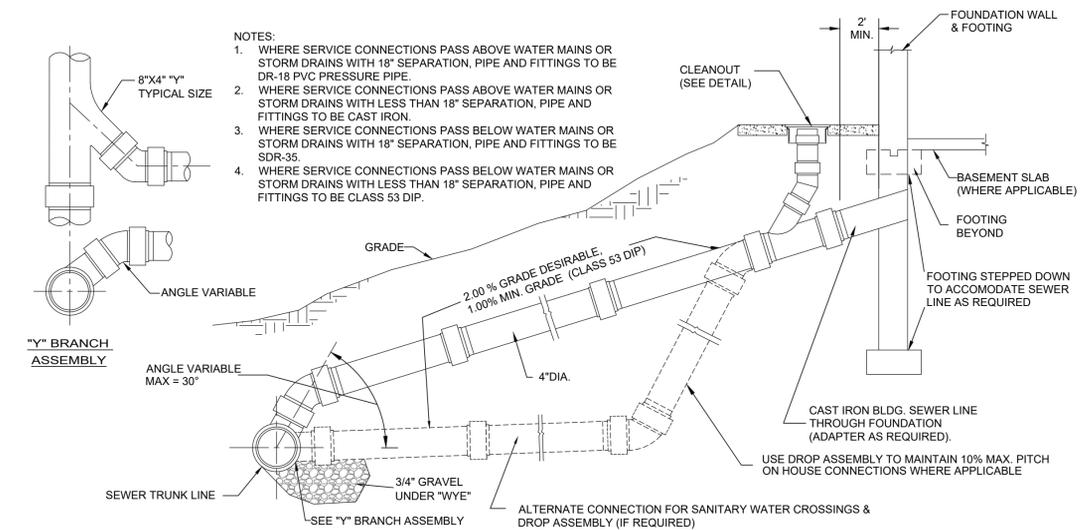
P-81 SCALE: NOT TO SCALE



1. NEW TOP COURSE LAYER SHOULD EXTEND 1\"/>

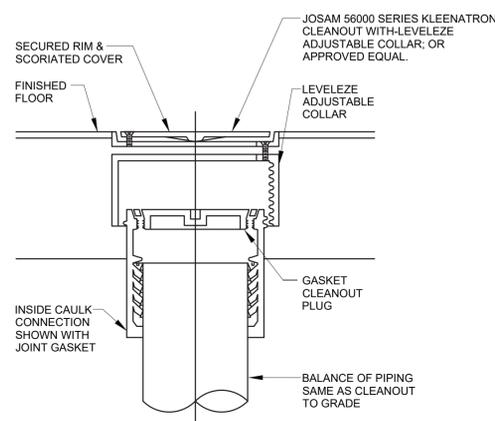
6 ASPHALTIC MACADAM PAVEMENT REPLACEMENT

P-81 SCALE: NOT TO SCALE



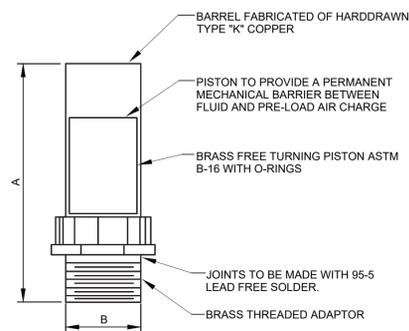
7 SEWER SERVICE CONNECTION/DROP ASSEMBLY

P-81 SCALE: NOT TO SCALE



8 FLOOR CLEANOUT DETAIL

P-81 SCALE: NOT TO SCALE

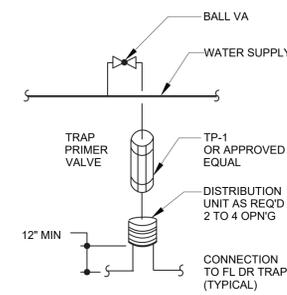


| PPP SIZE | P.D.I. SYMBOL | FIXTURE UNIT RATINGS | A SIZE | B SIZE |
|----------|---------------|----------------------|--------|--------|
| 1/2" | A | 1 - 11 | 5" | 1/2" |
| 3/4" | B | 12 - 32 | 5" | 3/4" |
| 1" | C | 33 - 60 | 7" | 1" |
| 1-1/4" | D | 61 - 113 | 7" | 1-1/4" |
| 1-1/2" | E | 114 - 154 | 9" | 1-1/2" |
| 2" | F | 155 - 330 | 9" | 2" |

NOTE: SEE WATER RISER DIAGRAMS FOR LOCATIONS OF WATER HAMMER ARRESTORS.

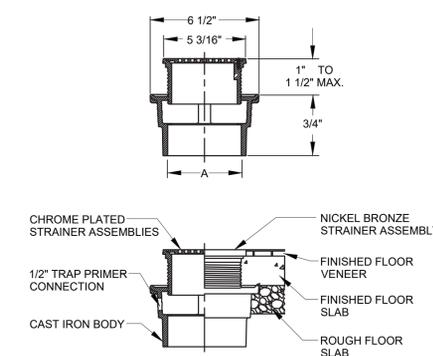
9 WATER HAMMER ARRESTOR DETAIL

P-81 SCALE: NOT TO SCALE



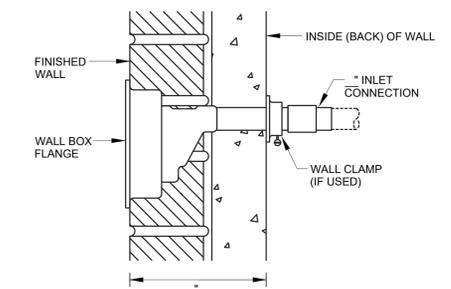
10 TRAP PRIMER DETAIL

P-81 SCALE: NOT TO SCALE



11 FLOOR DRAIN DETAIL

P-81 SCALE: NOT TO SCALE



12 FREEZE PROOF WALL HYDRANT

P-81 SCALE: NOT TO SCALE

CONSULTANT INFORMATION



CONSULTANT SEAL



| REVISION NUMBER | DATE | MADE BY | APP'D BY | REVISION |
|-----------------|------|---------|----------|----------|
| | | | | |
| | | | | |
| | | | | |

RECORD DRAWING CERTIFICATION

AS BUILT - CHANGES AS NOTED AS BUILT - NO CHANGES

| CONTRACTOR | | PROJECT COORDINATOR | |
|------------|--|---------------------|--|
| NAME | | NAME | |
| SIGNATURE | | SIGNATURE | |
| TITLE | | TITLE | |
| DATE | | DATE | |

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

INFRASTRUCTURE REHABILITATION PHASE 3
PLAYLAND PARK, RYE, NEW YORK
SOUTHEAST ARCADE
PLUMBING DETAILS

| CONTRACT NUMBER | SHEET NUMBER |
|--------------------|--------------------------------|
| 22-523 | BB-P-81 |
| DWG NO.: 68 of 664 | SCALE: AS INDICATED |
| DATE: 08/23/2022 | DPW FILE NUMBER: 1-118-P-817-0 |
| REV. NO. 0 | |