PLUMBING SYMBOL LIST

<u>IDENTIFIER</u>	DESCRIPTION
CW	DOMESTIC COLD WATER
W	WASTE PIPING (ABOVE SLAB)
	WASTE PIPING (UNDER SLAB)
s	SANITARY PIPING (ABOVE SLAB)
S	SANITARY PIPING (UNDER SLAB)
V	SANITARY VENT PIPING
•	FIELD CONNECT
•	FIELD DISCONNECT
F#)	REFER TO SUPPLEMENTAL FIGURE INDICATED BY NUMBER (I.E. F2 REFERS TO FIGURE 2)
XXX	— EQUIPMENT TAG — EQUIPMENT NUMBER
XXX X-XXX	— DETAIL TAG/CALL OUT TAG — PLUMBING SHEET NUMBER

PIPING ELEMENTS/VALVING

BACKFLOW PREVENTER (DOUBLE CHECK VALVE ASSEMBLY)

—

TEE OUTLET DOWN —ыб— BALL VALVE ——O— TEE OUTLET UP CAP ON END OF PIPE

SCOPE OF WORK

2. THE INSTALLATION OF NEW PLUMBING FIXTURES AND ALL ASSOCIATED PIPING AND

3. THE INSTALLATION OF NEW SANITARY AND DOMESTIC WATER FUTURE CONNECTIONS.

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

SECTION 704

DRAINAGE PIPING INSTALLATION

HORIZONTAL DRAINAGE PIPING SHALL BE INSTALLED IN UNIFORM ALIGNMENT AT UNIFORM SLOPES. THE MINIMUM

SLOPE OF HORIZONTAL DRAINAGE PIPE SHALL BE IN

TABLE 704.1 SLOPE OF HORIZONTAL DRAINAGE PIPE

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,

MINIMUM SLOPE

(INCH PER FOOT)

1/4

1/8

1/16

704.1 SLOPE OF HORIZONTAL DRAINAGE PIPING.

ACCORDANCE WITH TABLE 704.1.

(INCHES)

2 1/2 OR LESS

3 TO 6

8 OR LARGER

LEED NOTES

PLUMBING SCOPE OF WORK INCLUDES, BUT IS NOT LIMITED TO:

1. REMOVAL OF EXISTING WATER PIPING AND KITCHEN EQUIPMENT.

- COI CLEANOUT FD⊗—— FLOOR DRAIN ——⋈— GATE VALVE HB Ş+--- HOSE BIBB

ACCESSORIES.

2020 NEW YORK STATE BUILDING CODE

PAINTS AND COATINGS TO BE APPLIED.

2020 NEW YORK STATE MECHANICAL CODE 2020 NEW YORK STATE PLUMBING CODE

2020 NEW YORK STATE ENERGY CONSERVATION CODE

———O PIPE RISING UP

── VALVE IN RISE OR DROP NFHB >+-- NON FREEZE HOSE BIBB IN BOX W/VACUUM BREAKER

INSTALLATION OF THE WORK, UNLESS NOTED OTHERWISE.

INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

11. IT IS THE INTENT OF THIS CONTRACT THAT THE COMPLETED WORK BE FULLY OPERATIONAL.

CHROME PLATED AND SHALL HAVE CHROME PLATED ESCUTCHEONS RIGIDLY ATTACHED TO THE PIPING AT THE POINT OF WALL OR FLOOR PENETRATIONS.

FOR APPROVAL BEFORE INSTALLATION OF SAME.

THROUGH INTERIOR WALLS AND FLOORS.

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

20. ALL LAVATORIES DESIGNED FOR USE BY PERSONS CONFINED TO WHEELCHAIRS

21. REFER TO THE ARCHITECTURAL PLANS FOR ALL STRUCTURAL DIMENSIONS.

22. ALL WORK TO BE COORDINATED WITH OTHER TRADES.

27. PLUMBING FIXTURES SHALL COMPLY WITH "WATER CONSERVATION" REQUIREMENT

28. GC IS RESPONSIBLE TO SUBMIT APPLICATION AND TAP FEES TO LOCAL WATER AUTHORITY AND HAVE OWNER FILL OUT APPLICATION UPON COMPLETION OF

SHALL BE INSULATED.

30. FLOOR DRAINS AND FLOOR CLEAN-OUTS SHALL BE SET LEVEL WITH FINISHED

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

34. BUILDING DOMESTIC WATER DEMAND & SIZING IS CALCULATED FROM NYS-PC

36. ALL DFU 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.

REQUIREMENTS/SPECIFICATIONS.

PLUMBING GENERAL NOTES:

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.

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.

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.

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.

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.

PLUMBING CONTRACTOR SHALL PERFORM ALL CUTTING, EXCAVATION, BACKFILLING, ROUGH & FINISH PATCHING AS PER THE SPECIFICATIONS AS REQUIRED FOR THE

10. ALL CONNECTIONS TO NEW AND/OR EXISTING EQUIPMENT SHALL BE SIZED AND

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

15. PLUMBING CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL NEW PLUMBING FIXTURES AND EQUIPMENT TO BE SUPPLIED AND INSTALLED UNDER THIS CONTRACT

16. WATERPROOF PIPE SLEEVES SHALL BE INSTALLED AT ALL PENETRATIONS THROUGH EXTERIOR WALLS. PIPE SLEEVES SHALL BE INSTALLED AT ALL WALL PENETRATIONS

 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 FLUSHOMETERS, SOLENOID VALVES, ETC.

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.

SHALL HAVE THE HOT & COLD WATER SERVICES, AS WELL AS THE TRAP, RECESSED & INSULATED IN ACCORDANCE WITH ADA REQUIREMENTS.

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

25. ALL PLUMBING FIXTURES TO BE INSTALLED AS PER FACTORY RECOMMENDATIONS.

26. ALL PLUMBING FIXTURES TO BE TRAPPED, VENTED AND PROVIDED WITH AIR SHOCKS

AS DETAILED IN THE NYS-PC.

PLUMBING ROUGH-IN INSPECTION. 29. ALL WATER AND HORIZONTAL STORM DRAIN PIPING INCLUDING ROOF DRAIN BODY

OUTPUT. P.C. MUST ENSURE A TEMPERATURE OF 120° F MAXIMUM AT THE FIXTURES TO PREVENT SCALDING.

SECTION 603, 604 & APPENDIX E.

35. BUILDING SANITARY DEMAND & SIZING IS CALCULATED FROM NYS-PC SECTIONS 709 AND 710.

39. ALL PLUMBING EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S

ABBREVIATIONS: ACCESS DOOR **BACKFLOW PREVENTER** CLEAN OUT CO COLD WATER CW DCV DOUBLE CHECK VALVE DRAINAGE FIXTURE UNIT DECK PLATE CLEAN OUT DPCO FIELD CONNECT FLOOR DRAIN FFD FUNNEL FLOOR DRAIN FIXTURE UNIT **HOT WATER** HOT WATER RETURN HWR IN ACCORDANCE WITH INDIRECT WASTE FUNNEL DRAIN LAV LAVATORY JANITOR'S SINK NORMALLY CLOSED NORMALLY OPEN NYS-PC NEW YORK STATE PLUMBING CODE **ROOF DRAIN** SANITARY SD STORM DRAIN THERMOSTATIC MIXING VALVE UNLESS OTHERWISE NOTED U.O.N. UR URINAL **VENT** WATER CLOSET WC PLUMBING CONTRACTOR MC

MECHANICAL CONTRACTOR TYP. TYPICAL VERIFY IN FIELD

WALL CLEAN OUT

WATER FIXTURE UNITS NEW EXISTING DEMO THE ABBREVIATIONS ARE SHOWN FOR GENERAL

REFERENCE ONLY. THE PRESENCE OF AN

SPECIFIC ABBREVIATIONS USED.

ABBREVIATION ON THIS LIST DOES NOT IMPLY ITS

USE ON THIS PROJECT. REFER TO DRAWINGS FOR

2. PROVIDE BARRIER-TYPE TRAP SEAL PROTECTION DEVICE ZURN Z1072 OR APPROVED EQUAL

FLOOR DRAIN SCHEDULE TYPE MANUFACTURER TAG MODEL SERVICE **ADJUSTABLE** ZURN FD-2320-R5 ALL SPACES 1. PROVIDE THE FOLLOWING FOR FD-1; CHORME PLATED STRAINER ASSEMBLY, 6" NICKEL HEAD ASSEMBLY, AND VANDAL PROOF.

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

REDUCED PRESSURE ZONE VALVE SCHEDULE						
TAG	MANUFACTURER	MODEL	LOCATION	SIZE (INCH)	PRESSURE DROP (PSI)	
RPZ-1	WATTS	009LF	FOOD VENDOR CXF BLDG	3/4	N/A	
NOTES: LEAD FREE	*					
PROVIDE AIR GAP AND D	RAINAGE PIPING FOR RELIE	F VALVE AND [DIRRECT TO OUTSIDE.			

PLUMBING DRAWING LIST					
SHEET NO.	SHEET NAME	REVISON NO.	REVISION DATE		
DCV-P-01	PLUMBING NOTES, SYMBOLS, ABBREVIATIONS AND DRAWING LIST	0	-		
DCV-P-11	PLUMBING FIRST FLOOR AND ROOF DEMOLITION PLANS	0	Ð		
DCV-P-21	PLUMBING FIRST FLOOR AND ROOF CONSTRUCTION PLAN	0	÷		
DCV-P-81	PLUMBING DETAILS	0	-		

LiRo Engineers, Inc.

ONSULTANT SEAL

| MADE | APP'D REVISION

RECORD DRAWING CERTIFICATION AS BUILT - CHANGES AS NOTED CONTRACTOR

PROJECT COORDINATOR

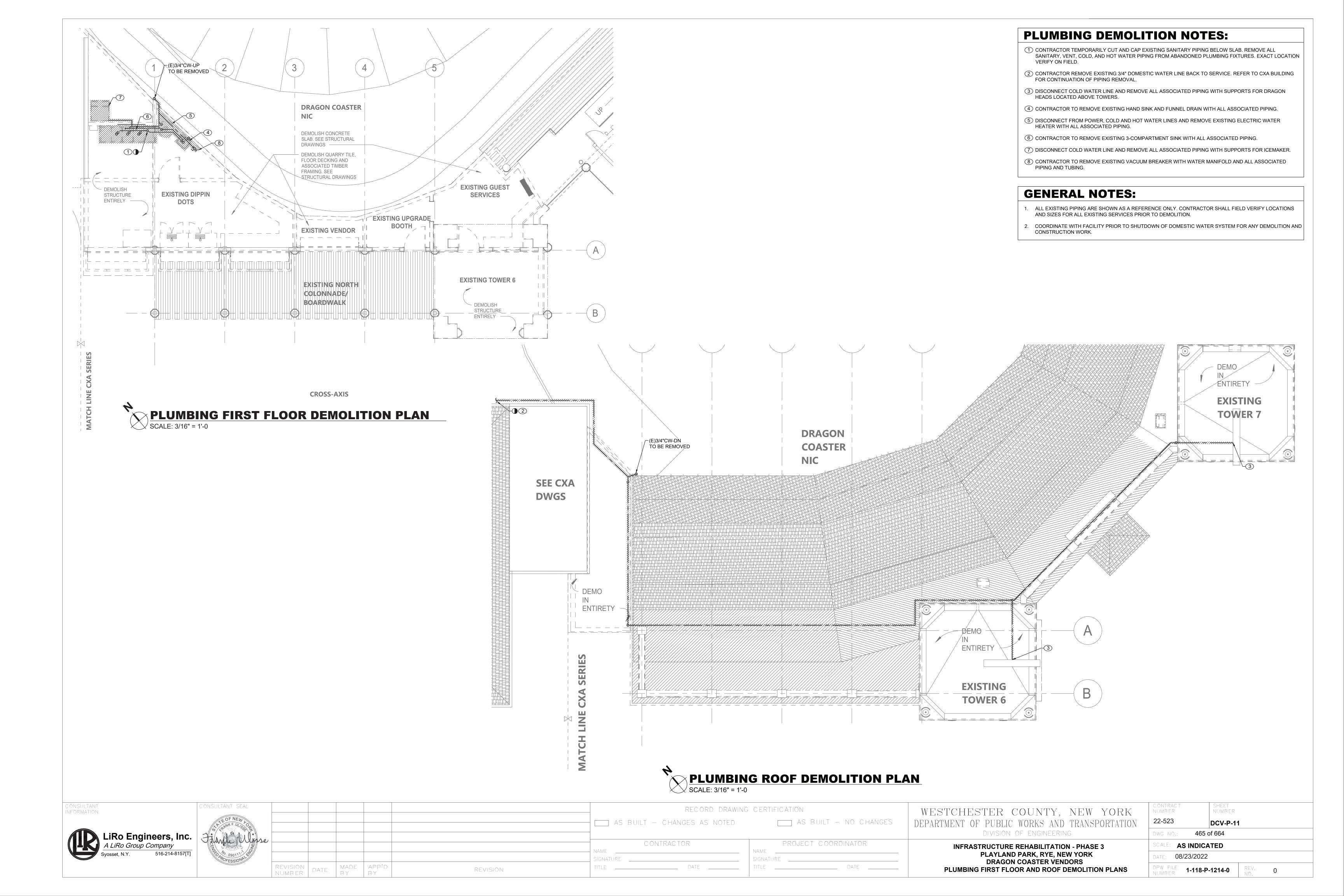
AS BUILT - NO CHANGES

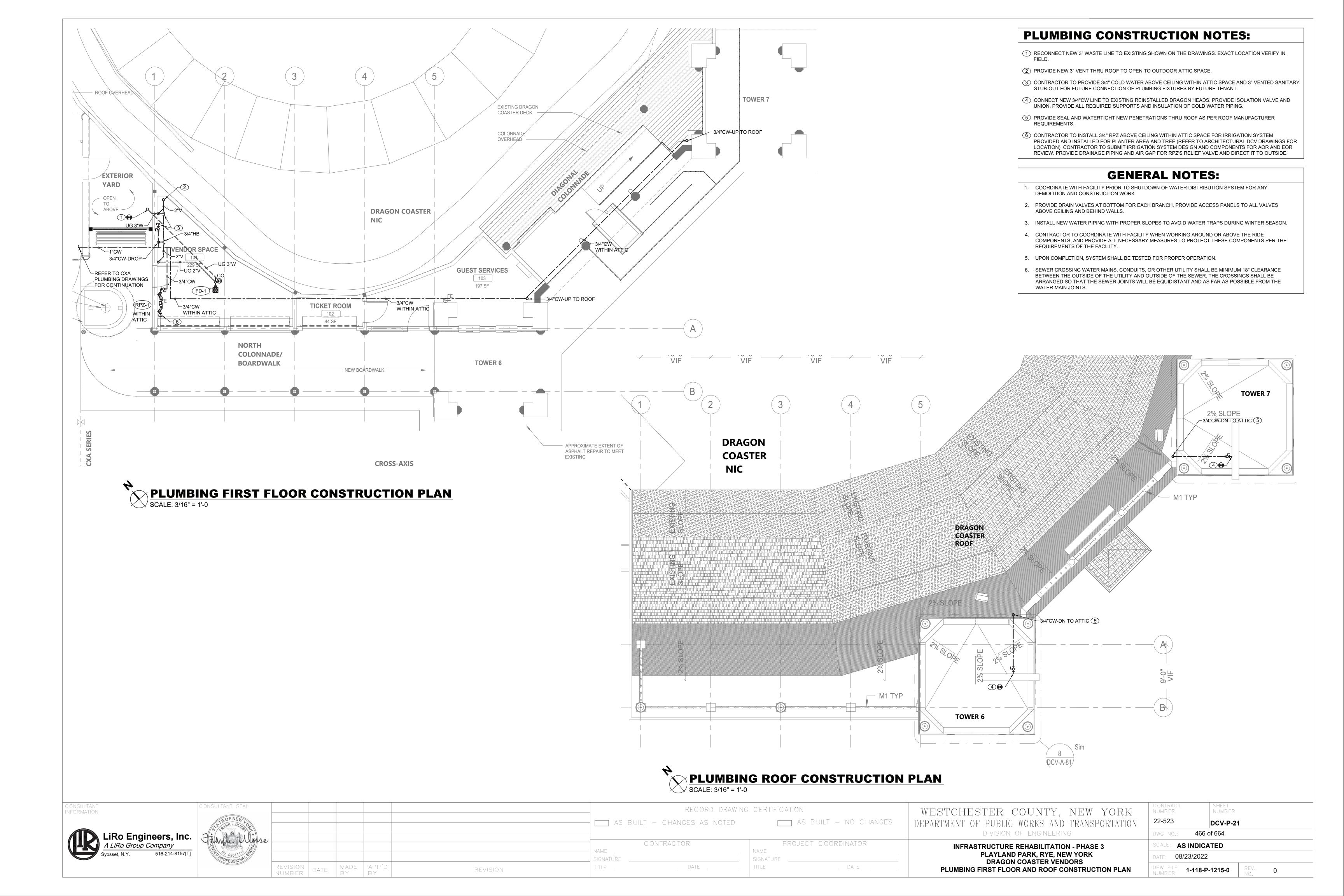
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING **INFRASTRUCTURE REHABILITATION - PHASE 3** PLAYLAND PARK, RYE, NEW YORK

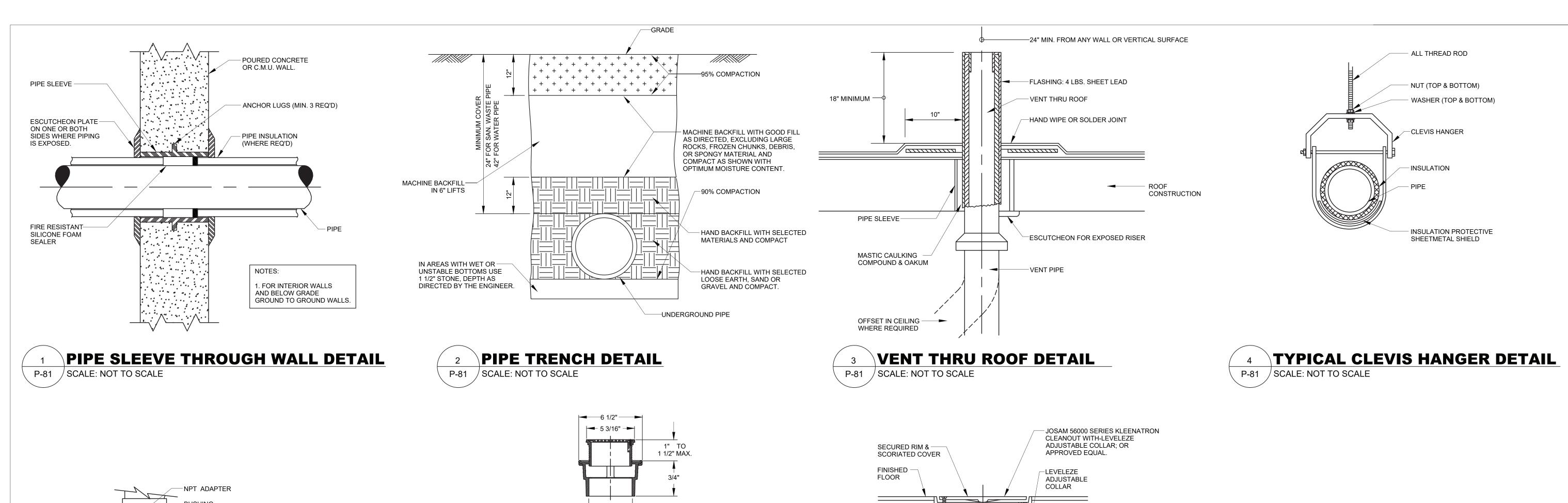
DRAGON COASTER VENDORS

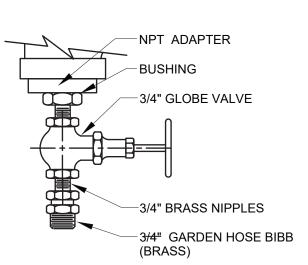
WESTCHESTER COUNTY, NEW YORK

22-523 DCV-P-01 464 of 664 **AS INDICATED** 08/23/2022 PLUMBING NOTES, SYMBOLS, ABBREVIATIONS AND DRAWING LIST 1-118-P-1213-0

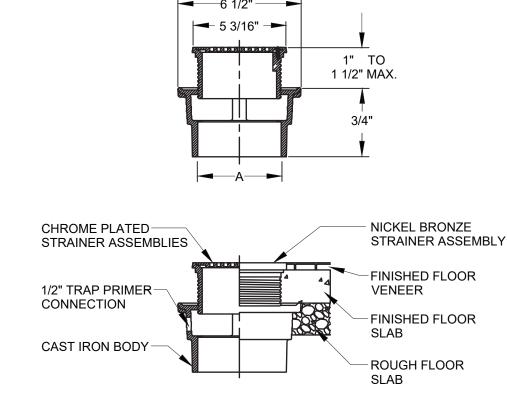




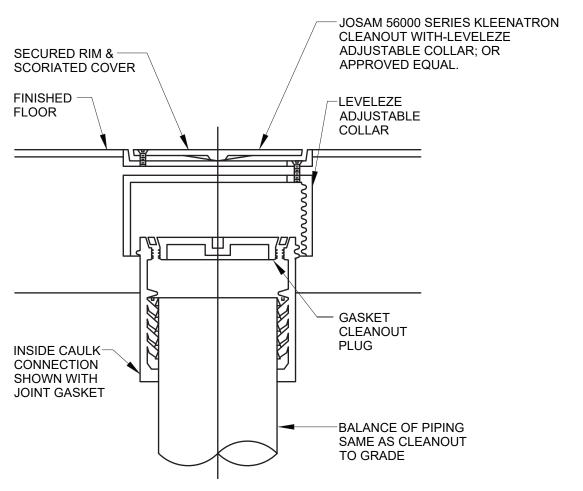












7 FLOOR CLEANOUT DETAIL
P-81 SCALE: NOT TO SCALE

