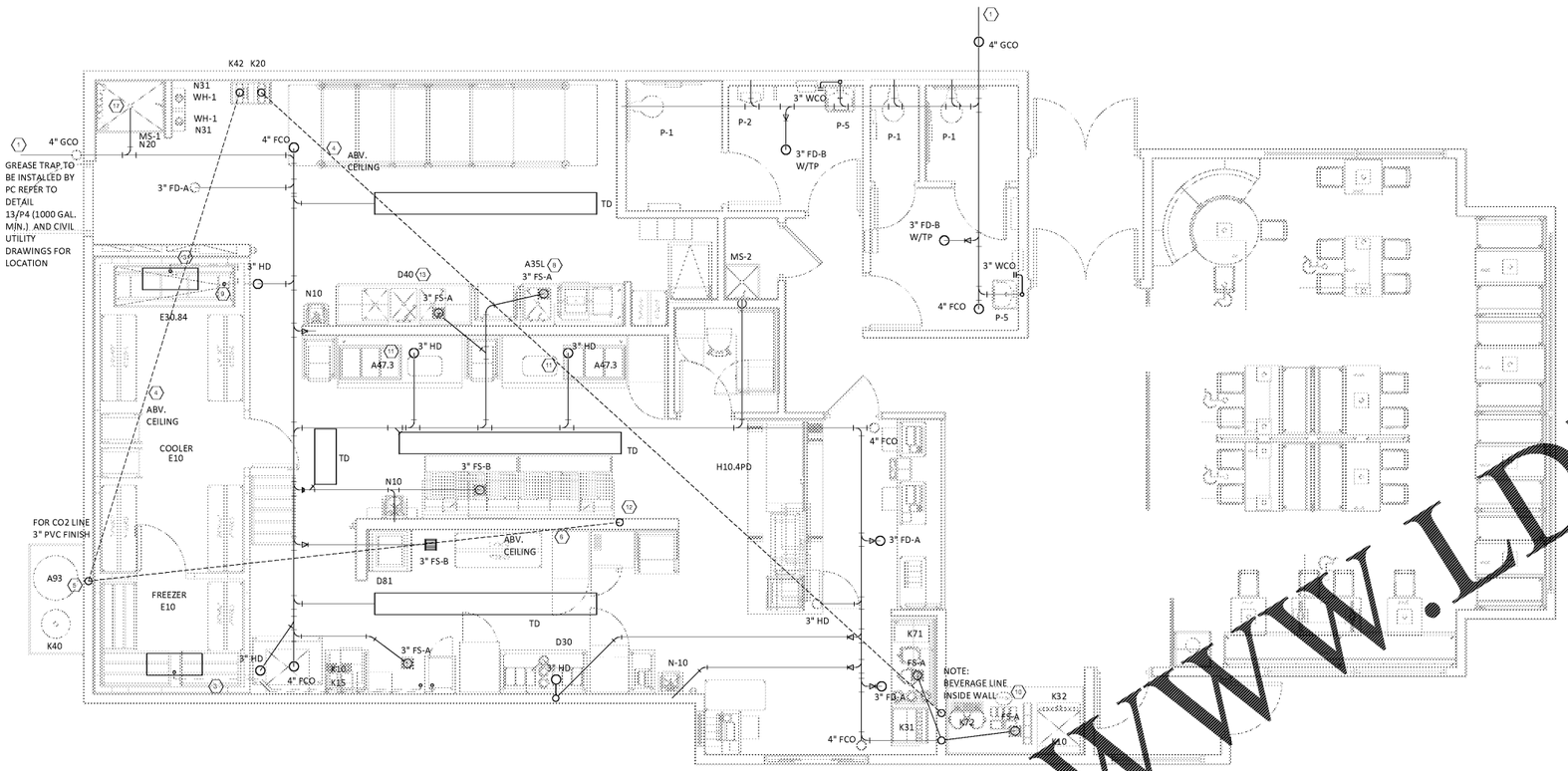

1 PLUMBING PLAN - WASTE AND VENT

P1 1/4" = 1'-0"

PLUMBING FIXTURE SCHEDULE

MARK	FIXTURE	CONN. W	CONN. CW	CONN. HW	MANUFAC. & MODEL	DESCRIPTION
P-1	WATER CLOSET (HANDICAP)	4"	1/2"	-	AM. STD. 2377.100	VITREOUS CHINA, ENLOGATED BOWL 1.6 GALLON FLUSH W/WHITE PLASTIC OPEN FRONT SEAT, CHROME PLATED BRASS SUPPLY & STOP, AND PVC CLOSET FLANGE W/WAX SEAL.
P-2	URINAL (HANDICAP)	4"	1/2"	-	AM. STD. 2377.100	SAME AS "P-1" EXCEPT WITH 4098.800 TANK WITH RIGHT-HAND TRIP LEVER. (NOT USED)
P-5	LAVATORY (HANDICAP)	1-1/4"	1/2"	1/2"	RESTAURANT INTERIORS, INC.	WALL HUNG WITH 4" FAUCET HOLES, 6056.205 - INNSBROOK ACCESSION PROXIMITY FAUCET, POLISH CHROME FINISH
FD-A	FLOOR DRAIN	3"	-	-	PLASTIC ODDITIES PIP-6000	HEAVY DUTY ADJUSTABLE DRAIN WITH 6" NICKEL STRAINER IN ROUND TOP
FD-B	FLOOR DRAIN	-	-	-	PLASTIC ODDITIES PIP-8224	SAME AS FD-A, EXCEPT W/1/2" TRAP PRIMER CONNECTION
FS-A	FLOOR SINK	3"			PLASTIC ODDITIES PFS-300-T	3" FLOOR SINK WITH DOME TOP STRAINER, AND 3/4" GRATE
FS-B	FLOOR SINK	3"	-	-	ZURN Z-1900-2-33 12"X12"X6" A.R.E.	3" FLOOR SINK, 12"X12" A.R.E SANI-FLOR RECEPTOR, ANTI SPLASH STRAINER, ACID RESIST. PORCELAIN ENAMEL INTERIOR AND SQ. TOP
HD-1	HUB DRAIN	3"	-	-	-	SEE DETAIL SHEET P4
TD	TRENCH DRAIN	-	-	-	-	TRENCH DRAIN: ZURN 6-1/4" WIDE REVEAL TRENCH DRAIN SYSTEM Z886-E3-HPP. 3" NO-HUB END OUTLET. HEEL-PROOF CLASS A POLYETHYLENE GRATE.

MARK	FIXTURE	CONN. W	CONN. CW	CONN. HW	MANUFAC. & MODEL	DESCRIPTION
FCO	FLOOR CLEANOUT	4"	-	-	PLASTIC ODDITIES PCO-700R	ADJUSTABLE CLEANOUT ASSEMBLY WITH BRONZE COVER AND METAL RING
GCO	GREASE CLEANOUT	4"	-	-	PLASTIC ODDITIES PGI-622R	PROVIDE WITH METAL RING
WCO	WALL CLEANOUT	SEE RISER	-	-	PLASTIC ODDITIES PIP SERIES	W/ S/S COVER PLATE SSA-600
WHD	WALL HYDRANT	-	3/4"	-	WOODFORD MODEL 65	ANTI-SIPHON, AUTO DRAINING, W/ VACUUM BREAKER, FREEZLESS WALL HYDRANT, 3/4" MALE HOSE THREAD NOZZLE
MS-1	MOP SINK W/FAUCET	3"	1/2"	1/2"	FIAT MSB 3624	MOLDED STONE 36X24, FAUCET W/VACUUM BREAKERS, 830-AA, BASE & BRACKET 832-AA.
MS-2	OPTIONAL MOP SINK W/FAUCET	3"	1/2"	1/2"	FIAT MSB 2424	MOLDED STONE 24X24, FAUCET W/VACUUM BREAKERS, 830-AA, BASE & BRACKET 832-AA.
WH-1	WATER HEATER	-	1"	1"	RINNAI R94LSi	INSTANTANEOUS NATURAL GAS, 199,000 BTUH INPUT, SEALED COMBUSTION DIRECT VENT, 4.2 GPM @ 80°F RISE. PROVIDE WITH MODEL MCC WALL MOUNTED CONTROLLER. REFER TO DETAIL 9/P4.
RCP-1	CIRCULATOR PUMP	-	-	-	GRUNDFOS PART NO. 59896121	STAINLESS STEEL CIRCULATOR UP 15-18 B7. 3/4" SWEAT CONNECTION. 85 WATT, 115 VOLTS. 6.7 POUNDS.

NOTES:
1. ALL VITREOUS CHINA FIXTURES SHALL BE WHITE. INSULATE ALL WATER AND WASTE PIPING.
2. UNDER LAVATORIES WITH HANDY-SHIELD JACKET BY PLUMBEREX: (810)633-1772. PROVIDE TEMPERING VALVE, WATTS
3. MODEL U5G-B OR EQUAL, UNDER LAV SET AT 105 DEGREES

GREASE INTERCEPTOR SIZING CALCULATIONS

(S) X (GS) X (HR/12) X (LF) = EFFECTIVE CAPACITY OF GREASE INTERCEPTOR IN GALLONS.

S = NUMBER OF SEATS IN THE DINING AREA.
GS = GALLONS OF WASTEWATER PER SEAT; USE 25 GALLONS FOR ORDINARY RESTAURANT, USE 10 GALLONS FOR SINGLE SERVICE ARTICLE RESTAURANTS.
HR = NUMBER OF HOURS ESTABLISHMENT IS OPEN.
LF = LOADING FACTOR: USE 2.0 INTERSTATE HIGHWAYS, 1.5 OTHER FREEWAYS, 1.25 RECREATIONAL AREAS.

70 X 10 X (12/12) X 1.25 = 875 GALLONS.

MINIMUM 875 GALLON GREASE INTERCEPTOR IS REQUIRED.

USE 1000 GALLON INTERCEPTOR. PARK MODEL GT-1000 OR EQUIVALENT.

COORDINATE SIZING AND OTHER REQUIREMENTS WITH BGMU F.O.G. STDS

GENERAL NOTES

A. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF WORK. VERIFY ALL DIMENSIONS. DRAWINGS ARE ILLUSTRATIVE AND MAY NOT REFLECT EXACT CONDITIONS OR DIMENSIONS.

B. DO NOT SCALE THE DRAWINGS. DRAWINGS ARE DIAGRAMMATIC AND SHOW THE GENERAL ARRANGEMENT OF EQUIPMENT AND SYSTEMS. THEY ARE NOT INTENDED TO SHOW EVERY OFFSET, FITTING AND COMPONENT. DO NOT USE THE PLANS FOR EXACT LOCATION OF EQUIPMENT, FIXTURES OR ARCHITECTURAL ITEMS SUCH AS WALLS, WINDOWS, SOFFITS, AND PILASTERS. SPECIFIC LOCATIONS, MOUNTING HEIGHTS AND OVERALL DIMENSIONS OF DEVICES AND FIXTURES ARE TO BE OBTAINED FROM THE ARCHITECTURAL DRAWINGS AND DETAILS WHEN AVAILABLE.

C. DRAWINGS SPECIFIC TO THIS TRADE DO NOT LIMIT THE RESPONSIBILITY OR WORK REQUIRED BY THE CONTRACT DOCUMENTS REFER TO DRAWINGS AND SPECIFICATIONS OF OTHER TRADES FOR COMPLETE INFORMATION PRIOR TO BID.

D. WHERE CONFLICTS EXIST AMONG DRAWINGS, SPECIFICATIONS AND EQUIPMENT SCHEDULES, THE MORE STRINGENT SHALL APPLY. NOTIFY THE ENGINEER OF ALL CONFLICTS FOR RESOLUTION OR INTERPRETATION.

E. NOTIFY THE OWNER IN WRITING AND FIELD VERIFY CONDITIONS BEFORE PERFORMING ANY SAWCUTTING, TRENCHING, CORING OR ANY OTHER STRUCTURAL MODIFICATIONS. INSURE THAT NO ADVERSE EFFECT TO THE BUILDING'S STRUCTURAL INTEGRITY WILL OCCUR.

F. ANY EXISTING CONDITION DISCOVERED DURING THE DEMOLITION OR CONSTRUCTION PROCESS WHICH, BY GENERALLY ACCEPTED CONSTRUCTION PRACTICES, SHOULD BE REMEDIED, SHOULD BE BROUGHT TO THE ATTENTION OF THE ENGINEER/ARCHITECT IMMEDIATELY, IN WRITING.

G. OBTAIN WRITTEN APPROVAL FROM THE ENGINEER BEFORE REUSING ANY EXISTING EQUIPMENT, COMPONENTS OR OPENINGS.

H. INSULATE PLUMBING LINES IN EXTERIOR WALLS TO PREVENT FREEZING.

I. COORDINATE ROOF WORK WITH ROOFING CONTRACTOR TO ASSURE THAT THE ROOF WARRANTY IS NOT VOIDED.

J. PROVIDE 1"Ø SCH 40 BLACK STL PIPE FOR GREASE DISCHARGE. RUN LINE FLUSH ON WALL BESIDE FRYERS, VERTICALLY UP IN WALL THRU CLG. SLOPE LINE @ 1"/FT TOWARDS REAR OF BUILDING. RUN LINE DOWN THRU CEILING ON FACE OF EXTERIOR WALL TO 75" AFF THEN THRU REAR WALL FOR DISCHARGE. HEAT TAPE TO BE INSTALLED ON ENTIRE LINE @ 5 WATTS/LINEAR FT. G.C. TO PROVIDE STAINLESS STEEL COVERS FOR LINE MOUNTED FLUSH ON WALLS (ENTIRE LENGTH - CEILING DOWN). REFER TO DETAIL 7/P4.

KEYED NOTES

1. 4" SANITARY WASTE PIPING. SEE CIVIL ENGINEERING DRAWINGS FOR CONTINUATION. COORDINATE EXACT INVERT ELEVATION WITH SITE CONDITIONS.
2. (NOT USED)
3. 3/4" CONDENSATE PIPING BRACED TO WALK-IN WALLS. SPILL W/INDIRECT CONNECTION INTO HUB DRAIN.
4. C02 AND SODA LINES RUN OVERHEAD IN CEILING SPACE. SIZE AND CONSTRUCTION REQUIREMENTS FOR AS PER EQUIPMENT SUPPLIER'S REQUIREMENTS.
5. DROP PIPING DOWN IN EXTERIOR WALL. STUB OUT OF WALL @ 96" AFF INTO GREASE TANK, SEE GENERAL NOTE #J ON THIS SHEET.
6. PROVIDE HEAT TRACE TAPE ON EXPOSED GREASE LINE FROM BLDG. TO TANK, SEE GENERAL NOTE #J ON THIS SHEET.
7. NOT USED.
8. PROVIDE 1-1/2" INDIRECT WASTE FROM 1 COMP SINK TO FLOOR SINK.
9. EXTEND CHICKEN CRATE VAT 2" INDIRECT WASTE LINE THRU COOLER/FREEZER WALL TO DISCHARGE IN HUB DRAIN.
10. ROUTE DRAINAGE TO FLOOR SINK UNDER ITEM K-32.
11. PROVIDE DRAIN LINE FROM REFRIG. BATTER STATION TO HUB DRAIN.
12. GREASE DISPOSAL LINE MOUNTED FLUSH AGAINST WALL @ 3'-0"A.F.F. (SEE DTL 7/P4). G.C. TO PROVIDE STAINLESS STEEL COVER TO CEILING - SEE GENERAL NOTE #J ON THIS SHEET.
13. PROVIDE 2" INDIRECT WASTE FROM 3 COMP SINK TO FLOOR SINK.
14. (NOT USED)
15. (NOT USED)
16. (NOT USED)
17. (NOT USED)

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FRCH NELSON
A NELSON BRAND
311 Elm Street Suite 600
Cincinnati OH 45202
513 241 3000
www.frchnelson.com

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ISSUE INFORMATION

REVISIONS

Nelco Architecture, Inc.

STATE OF KENTUCKY JOHNNY L. QUILLEN 19029 LICENSED PROFESSIONAL ENGINEER
05/08/2020

PROJECT INFORMATION

BOWLING GREEN, KY

DISHMAN LANE
BOWLING GREEN, KY 42101

PROJECT #:
11352

SHEET INFORMATION

WASTE AND VENT PLAN

DRAWN BY: ED/ZF/BD
REVIEWED BY: JJG/JWQ
SCALE: 1/4" = 1'-0"
AUTHORIZED FOR: PERMIT

P1

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