Architect's Supplemental Instructions

PROJECT: (name and address) 57-21113-00 - Rebid Dutchess Stadium New Left Field Clubhouse, Seating Bowl, & Restroom Building

Contract For: General Construction

CONTRACT INFORMATION:

ASI INFORMATION: ASI Number: 012

Date:

Date: December 4, 2023

OWNER: (name and address) **Dutchess County** 22 Market Street Poughkeepsie, NY 12601

ARCHITECT: (name and address) DLR Group Architecture and Engineering, P.C., a New York professional corporation 33 East 33rd Street, Suite 401 New York, NY 10016

CONTRACTOR: (name and address) Piazza, Inc.

3 W Stevens Avenue Hawthorne, NY 10532

The Contractor shall carry out the Work in accordance with the following supplemental instructions without change in Contract Sum or Contract Time. Proceeding with the Work in accordance with these instructions indicates your acknowledgment that there will be no change in the Contract Sum or Contract Time.

(Insert a detailed description of the Architect's supplemental instructions and, if applicable, attach or reference specific exhibits.)

Modify the Contract Documents per the attachments and generally as follows:

- Sheet G0.00ii COVER SHEET
 - Modifications per the attached sheet.
- Sheet C4.1.i CIVIL UTILITY PLAN 1
 - Modifications per the attached sheet.
- Sheet P2.1A.ii PLUMBING PLAN AREA A LEVEL 1
 - Modifications per the attached sheet.
- Sheet P2.1A.1.ii PLUMBING PLAN AREA A LEVEL 1 DOMESTIC
 - Modifications per the attached sheet.
- Sheet P3.1.ii ENLARGED PLUMBING PLANS AND SECTIONS
 - Modifications per the attached sheet.
- Sheet P5.1.ii PLUMBING DETAILS
 - Modifications per the attached sheet.
- Sheet P6.1.ii PLUMBING SCHEDULES
 - Modifications per the attached sheet.

Attachment(s):

Revised Sheet G0.00ii - COVER SHEET

Revised Sheet C4.1.i - CIVIL UTILITY PLAN 1

Revised Sheet P2.1A.ii - PLUMBING PLAN - AREA A - LEVEL 1

Revised Sheet P2.1A.1.ii - PLUMBING PLAN - AREA A - LEVEL 1 - DOMESTIC

Revised Sheet P3.1.ii - ENLARGED PLUMBING PLANS AND SECTIONS

Revised Sheet P5.1.ii - PLUMBING DETAILS

Revised Sheet P6.1.ii - PLUMBING SCHEDULES

ISSUED BY THE ARCHITECT:

DLR Group Architecture and Engineering, P.C., a New York professional corporation

ARCHITECT (Firm name)

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Bob Carlson, AIA, LEED AP,

Principal

PRINTED NAME AND TITLE

December 4, 2023

DATE



2

PROJECT LOCATION MAP

COVER SHEET

G0.00.ii

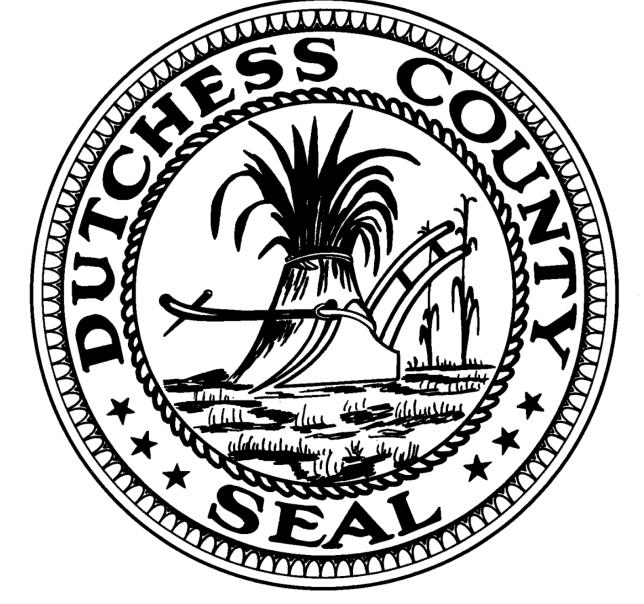
REBID DUTCHESS STADIUM NEW LEFT FIELD CLUBHOUSE, SEATING BOWL, & RESTROOM BUILDING

1500 ROUTE 9D FISHKILL, NY 12590

^ATAX PARCEL #133089-6055-01-182629

SINGLE PRIME CONTRACT RFB-DCB-18-22

NOVEMBER 4, 2022



ROBERT H. BALKIND, P.E. **DUTCHESS COUNTY DPW COMMISSIONER**

OWNER: DUTCHESS COUNTY 22 MARKET STREET POUGHKEEPSIE, NY 12601



ENGINEERS —

CIVIL ENGINEERING

MARCUS J. MOLINARO

DUTCHESS COUNTY EXECUTIVE

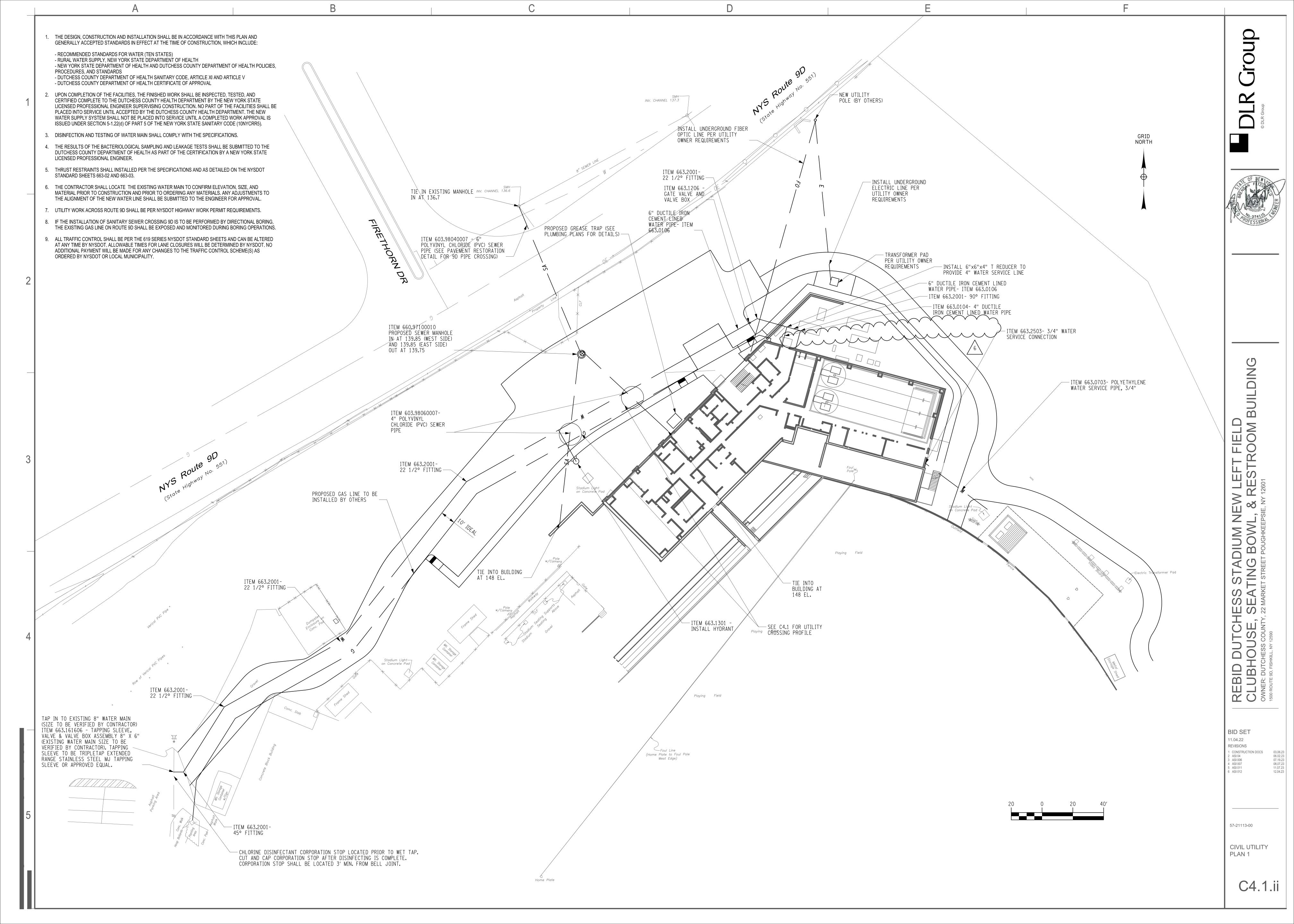


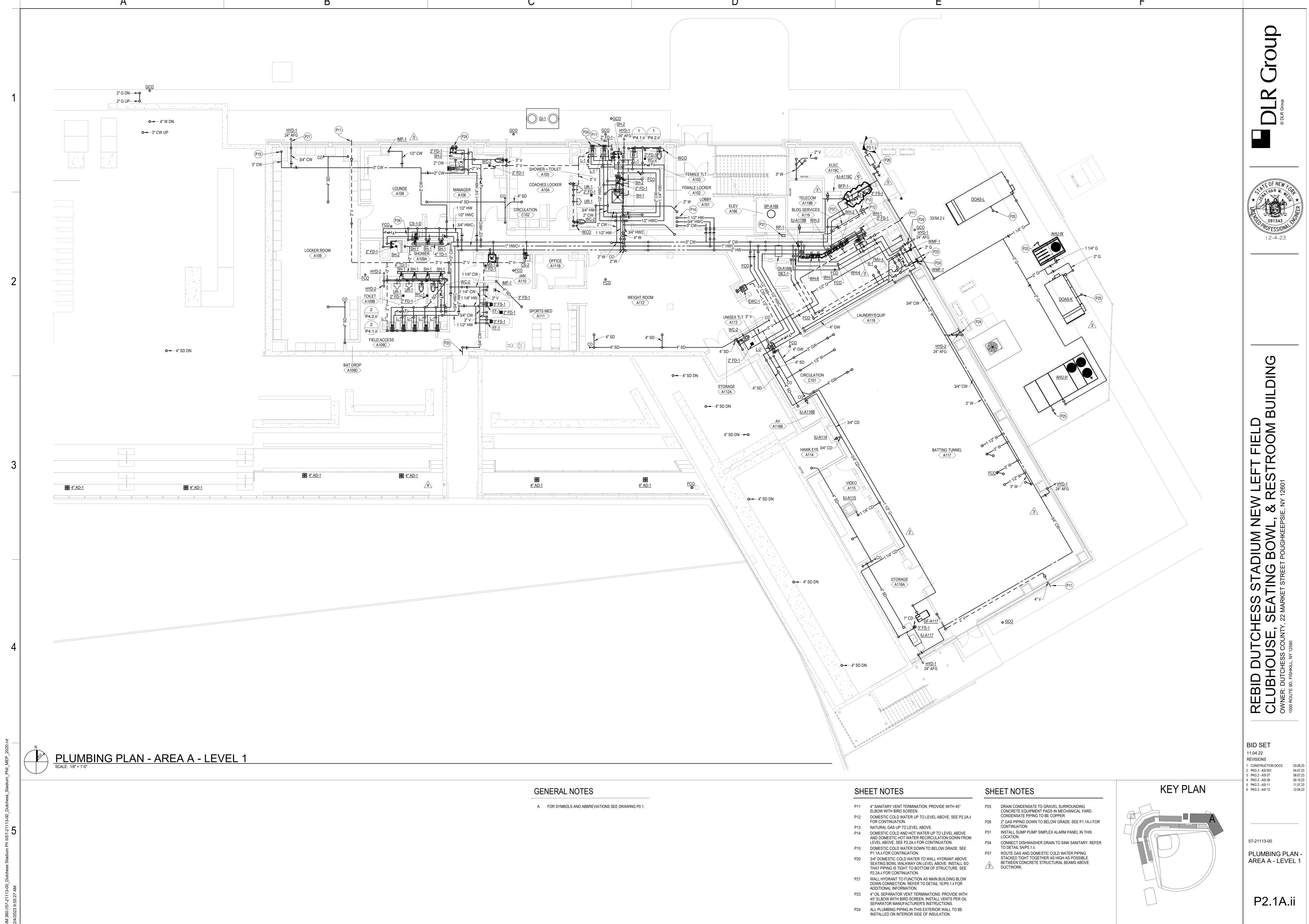
OOD INES **FOOD SERVICE DESIGN** CONSULTANTS

110 S. 14th Street, Suite 200 Lincoln, NE 68508 Tel 402.475.1787

ARCHITECTURE & INTERIOR DESIGN MECHANICAL & PLUMBING ENGINEERING **ELECTRICAL ENGINEERING** AUDIOVISUAL

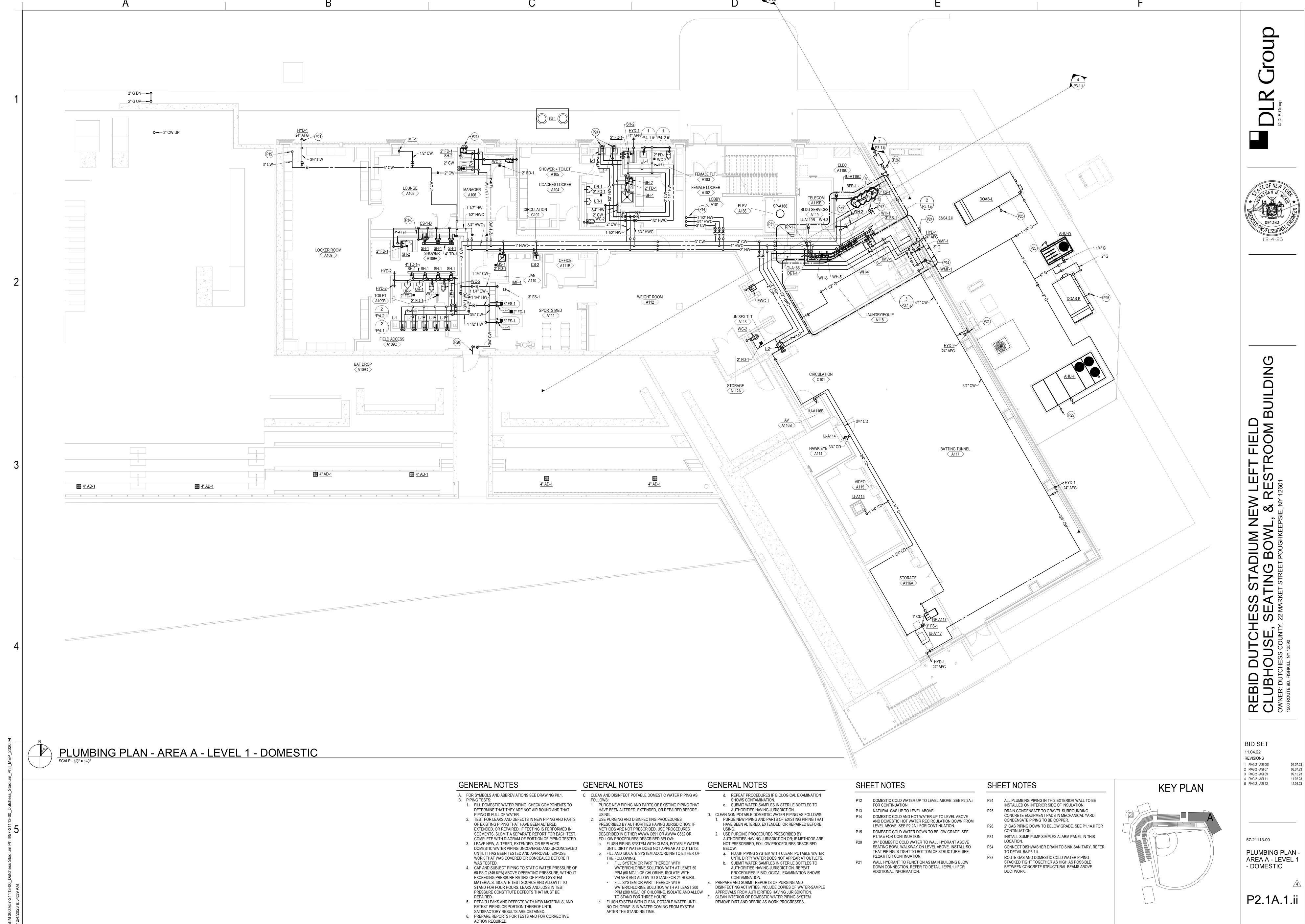
LANDSCAPE ARCHITECTURE

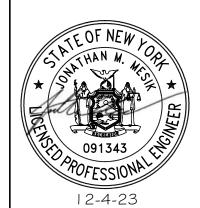


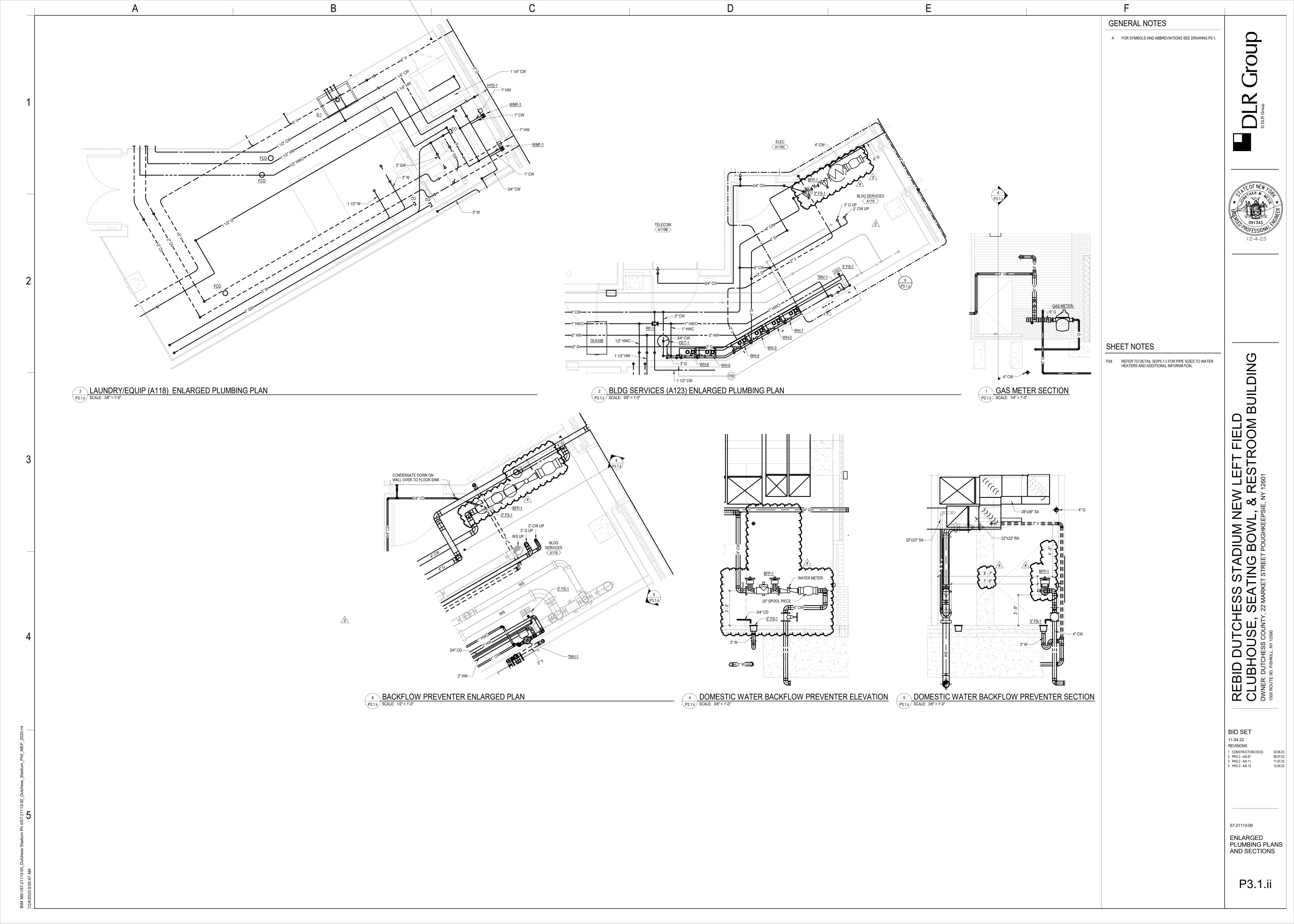


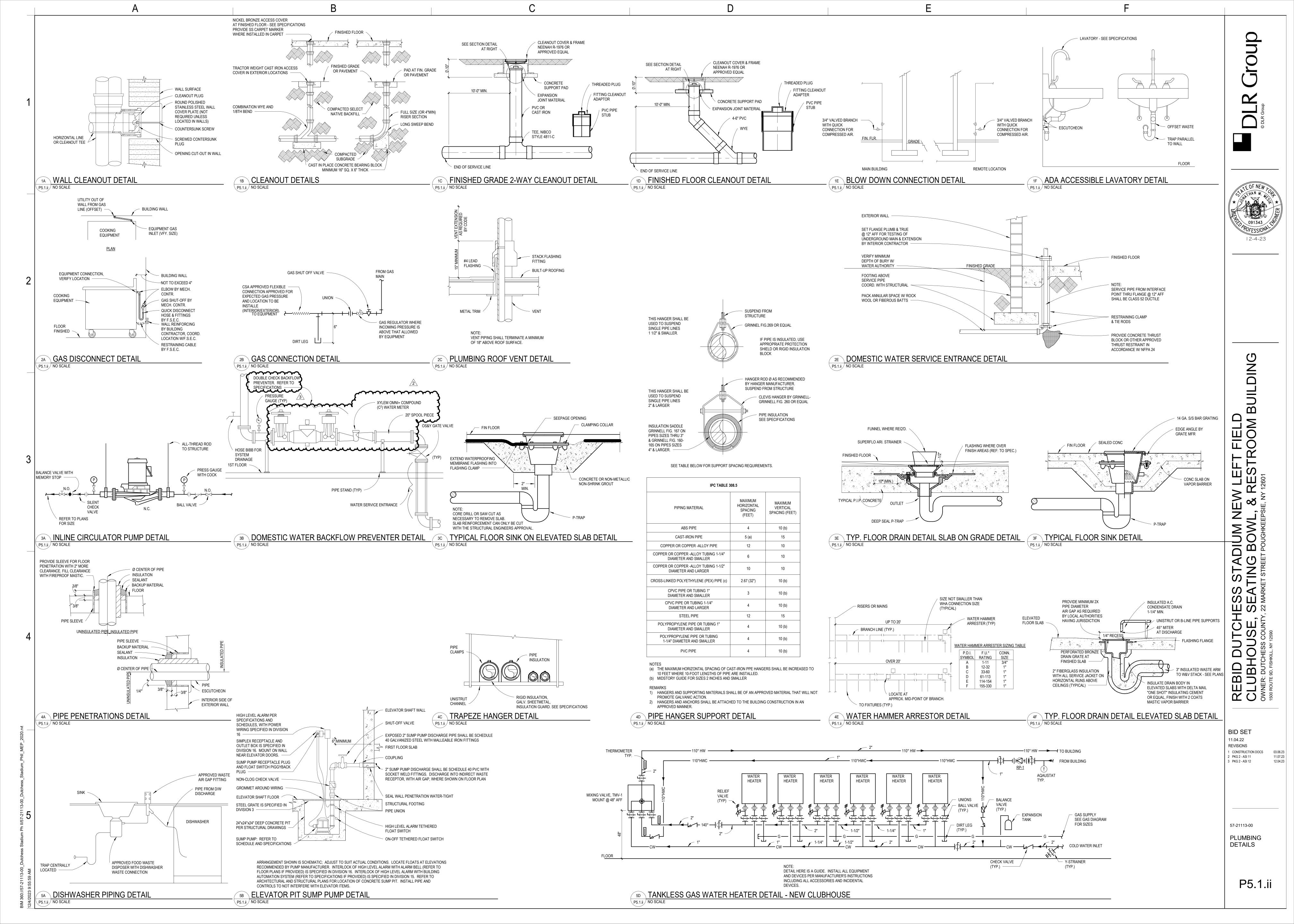


PLUMBING PLAN -AREA A - LEVEL 1









ELKAY

ELKAY

ELKAY

ELKAY

CHICAGO FAUCET CO

WOODFORD

WOODFORD

GUY GRAY

AMERICAN STANDARD

AMERICAN STANDARD

BY OTHERS

BY OTHERS

GUY GRAY

AMERICAN STANDARD FLOWISE - 6150.100

AMERICAN STANDARD HURON UNIVERSAL

AMERICAN STANDARD HURON UNIVERSAL

LRAD221955-3

LRAD221955-3

VRCDWSK

EMABF8WSSK

640-L12E1-317YAB

BIM875

STUDIO S 24-INCH

LUCERNE

MSB-2424

B1C24X24X

BY OTHERS

BY OTHERS

B200

BASIS OF DESIGN

JAY R SMITH FIGURE 2010

JAY R SMITH FIGURE 3100

JAY R SMITH | FIGURE 3140

MODEL

ST-12C

ST-12C

NOTES

NOTES

AMTROL

BASIS OF DESIGN

JP1000-G

MODEL

MANUFACTURER

JENSEN

MANUFACTURER

(LBS)

MANUFACTURER MODEL

JAY R SMITH

JAY R SMITH

LEAD FREE, STAINLESS STEEL DOUBLE CHECK VALVE ASSEMBLY

SEAMLESS #18 GAUGE, TYPE 302 (18-8) NICKEL BEARING STAINLESS. SATIN FINISH FULLY UNDERCOATED, HOLES AT 4"

O.C. 5-1/2" BOWL DEPTH, 1-3/4" RADIUS COVED CORNERS. SELF RIMMING. OFF-CENTERED REAR RIGHT DRAIN

CONNECTION, DECK MOUNT FAUCET WITH 4" CENTERS, 3-1/2" RIGID GOOSENECK, AND 4" WRISTBLADE HANDLES.

O.C. 5-1/2" BOWL DEPTH, 1-3/4" RADIUS COVED CORNERS. SELF RIMMING. OFF-CENTERED REAR RIGHT DRAIN

CONNECTION. DECK MOUNT FAUCET WITH 4" CENTERS, 3-1/2" RIGID GOOSENECK, AND 4" WRISTBLADE HANDLES.

SINGLE LEVEL WALL HUNG DRINKING FOUNTAIN WITH VANDAL-RESISTANT BOTTLE FILLING STATION RATED FOR

SINGLE LEVEL WALL HUNG ELECTRIC WATER COOLER BOTTLE FILLING STATION. PROVIDE MODEL 98324C CANE

HANDLE STOPS, AND STAINLESS STEEL LOWER SHROUD. MOUNT UNIT AT ADA COMPLIANT HEIGHT.

1/2" | 1/2" | STAINLESS STEEL 12" L-TYPE SWING SPOUT, WALL MOUNTED FULL FLOW FAUCET WITH 4" WRISTBLADE HANDLES.

APRON. PROVIDE WITH CHROME 1-1/4" CAST BRASS 17 GAGE P-TRAP, CHROME SUPPLY PIPES WITH METAL WHEEL

NON-FREEZE TYPE WALL HYDRANT, WITH DOUBLE CHECK BACKFLOW PREVENTER, VALVE ON THE INSIDE OF THE WALL, SPOUT WITH BACKFLOW PREVENTER, AND LOOSE KEY SOCKET ON THE OUTSIDE OF THE WALL. MAKE ARRANGEMENTS WITH THE GENERAL CONTRACTOR TO PROVIDE THE NECESSARY RECESS IN THE WALL. WHERE A

RISER TO A WALL HYDRANT OCCURS IN AN OUTSIDE WALL THE CONTRACTOR SHALL INSULATE THE CHASE WITH 2"

WALL HYDRANT, WITH DOUBLE CHECK BACKFLOW PREVENTER, VALVE ON THE INSIDE OF THE WALL, SPOUT WITH BACKFLOW PREVENTER, AND LOOSE KEY SOCKET ON THE OUTSIDE OF THE WALL, MAKE ARRANGEMENTS WITH THE GENERAL CONTRACTOR TO PROVIDE THE NECESSARY RECESS IN THE WALL. WHERE A RISER TO A WALL HYDRANT

STYROFOAM INSULATION ON ALL SIDES OF THE CHASE, EXCEPT THE INSIDE WALL OF THE CHASE. PROVIDE SHUTOFF

OCCURS IN AN OUTSIDE WALL THE CONTRACTOR SHALL INSULATE THE CHASE WITH 2" STYROFOAM INSULATION ON ALL SIDES OF THE CHASE, EXCEPT THE INSIDE WALL OF THE CHASE. PROVIDE SHUTOFF VALVE IN ACCESSIBLE

WHITE, VITREOUS CHINA, 24" X 20" OVAL COUNTERTOP LAVATORY, SELF-RIMMING, FAUCET HOLES ON 4" CENTERS. DECK-MOUNTED FAUCET WITH SENSOR, HARDWIRED POWER WITH VANDAL RESISTANT SPRAY AND 0.50 GPM

AERATOR. PROVIDE WITH EXTERNAL ASSE 1070 COMPLIANT THERMOSTATIC MIXING VALVE, GRID DRAIN, CHROME

VALVE, CHROME 1-1/4" CAST BRASS 17 GAGE P-TRAP. CHROME SUPPLY PIPES WITH METAL WHEEL HANDLE STOPS.

24" X 24" FLOOR MOUNTED MOLDED STONE MOP BASIN, 830 AA WALL MOUNTED FAUCET WITH VACUUM BREAKER, PAIL

30° VANDAL RESISTANT CAST WALLMOUNT 1.5 GPM SHOWERHEAD, PRESSURE BALANCING CARTIRIGE WITH CHECKS,

30° VANDAL RESISTANT CAST WALLMOUNT 2.0 GPM SHOWERHEAD, PRESSURE BALANCING CARTRIDGE WITH CHECKS,

WATERLESS WALL HUNG URINAL, TOP SPUD, SIZE 18" WITH INTEGRAL EXTENDED SHIELDS SUPPORTED BY THROUGH

WHITE, ELONGATED BOWL, SIPHON JET, 1.1-1.6 GPF, VITREOUS CHINA, FLOOR MOUNTED AND BACK OUTLET WATER

WHITE, ELONGATED BOWL, SIPHON JET, 1.1-1.6 GPF, VITREOUS CHINA, FLOOR MOUNTED AND BACK OUTLET WATER

SCREWDRIVER BACK-CHECK, VANDAL RESISTANT STOP CAP, SPUD COUPLING FOR 1-1/2" TOP SPUD. WATER CLOSET

PROMENADE DECK DRAIN FOR INSULATED ROOF DECKS, DUCO CAST IRON BODY AND EXTENSION WITH SECONDARY FLASHING CLAMP AND (2)

AND SOLID EXTENSION AS NEEDED SO PERFORATED EXTENSION IS NOT IN CONTACT WITH CONCRETE. SQUARE TOP FLOOR DRAIN WITH FLASHING COLLAR AND ADJUSTABLE STRAINER HEAD WITH NICKEL-BRONZE TOP AND SURESEAL TRAP SEAL

OR EQUIVALENT.

CAST IRON FLANGED RECEPTOR WITH ACID RESISTANT COATED INTERIOR, NICKEL BRONZE RIM, ALUMINUM DOME BOTTOM STRAINER, AND

FLASHING CLAMP. PROVIDE WITH NICKEL BRASS SQUARE TOP. 12" SQUARE X 6" DEEP SANITARY FLOOR SINK WITH CAST IRON FLANGED RECEPTOR WITH ACID RESISTANT COATED INTERIOR, NICKEL BRONZE

RIM, ALUMINUM DOME BOTTOM STRAINER, AND FLASHING CLAMP. PROVIDE WITH NICKEL BRASS SQUARE TOP.

ROWS OF 1/4" DIAMETER SEEPAGE OPENINGS WITH SECURED SQUARE HOLE GRATE. PROVIDE WITH ADDITIONAL 2" PERFORATED EXTENSION

CLOSET, 1-1/2" TOP SPUD, WITH OLSONITE NO: 95 - ELONGATED WHITE OPEN FRONT SEAT, CHECK HINGE, LESS

CLOSET, 1-1/2" TOP SPUD, WITH OLSONITE NO: 95 - ELONGATED WHITE OPEN FRONT SEAT, CHECK HINGE, LESS

COVER. EXPOSED SLOAN ROYAL 111 SFSM-1.28-HW HARDWIRED SENSOR ACTIVATED FLUSHOMETER, 1"

SCREWDRIVER BACK-CHECK, VANDAL RESISTANT STOP CAP, SPUD COUPLING FOR 1-1/2" TOP SPUD.

POLISHED CHROME PLATED FINISH, VALVE TRIM WITH METAL LEVER HANDLE AND 24" STAINLESS STEEL BAR WITH

ADA SLIDE HANDSHOWER, TWO INTEGRAL CHECK VALVES AND SHOWER DIVERTER VALVE. INSTALL FLOOR DRAIN

FD-1 IN CENTER. SEE ARCHITECTURAL PLANS FOR MOUNTING HEIGHT AND OTHER REQUIRED ACCESSORIES.

POLISHED CHROME PLATED FINISH, VALVE TRIM WITH METAL LEVER HANDLE. INSTALL FLOOR DRAIN FD-1 IN CENTER.

HOOK, AND HOSE THREAD SPOUT, 889 CC MOP BRACKET, E-77-AA VINYL BUMPER GUARDS, 1453 BB SS STRAINER. 27" X 27-1/2" X 42" ONE COMPARTMENT. 18 GAUGE 300 SERIES STAINLESS STEEL SINK WITH #4 FINISH ON STAINLESS

STEEL LEGS. WALL MOUNT 8" ARC TUBE SPOUT WITH 4" WRISTBLADE HANDLES. PROVIDE WITH CHROME PLATED

DRAIN. PROVIDE CHROME PLATED BRASS P-TRAP. PROVIDE LOOSE KEY STOPS AND FLEXIBLE RISERS. PROVIDE CONCEALED ARM TYPE CARRIER WITH SQUARE TUBULAR STEEL UP-RIGHTS AND BLOCK TYPE BASES. INSULATE EXPOSED TAILPIECE, P-TRAP, AND WATER RISERS. REFER TO SPECIFICATIONS FOR INSULATION METHODS. SEE

1-1/4" CAST BRASS 17 GAGE P-TRAP. CHROME SUPPLY PIPES WITH METAL WHEEL HANDLE STOPS. INSTALL ADA

WHITE, VITROUS CHINA 20" X 18" WALL HUNG LAVATORY WITH BACKSPLASH, FAUCET HOLES ON 4" CENTERS. DECK-MOUNTED FAUCET WITH SENSOR, HARDWIRED POWER WITH VANDAL RESISTANT SPRAY AND 0.50 GPM AERATOR. PROVIDE WITH CONCEALED ARM CARRIER, EXTERNAL ASSE 1070 COMPLIANT THERMOSTATIC MIXING

1/2" ADA COVER INSULATION FOR WATER AND DRAIN PIPES. PROVIDE CHROME PLATED BRASS TAILPIECE AND GRID

BRASS P-TRAP, CHROME PLATED BRASS TAILPIECE, FLEXIBLE RISERS AND LOOSE KEY STOPS.

GOING BOLTS AND C.P. NUTS. SEE ARCHITECTURAL PLANS FOR MOUNTING HEIGHT.

3/4" GALVANIZED CENTER DRAIN WASHING MACHINE BOX. PROVIDE WITH VALVES AND DRAIN FITTINGS

COVER INSULATION FOR WATER AND DRAIN PIPES ACCESSIBLE BELOW COUNTER.

OUTDOOR USE. PROVIDE MODEL 98324C CANE APRON. PROVIDE WITH CHROME 1-1/4" CAST BRASS 17 GAGE P-TRAP,

CHROME SUPPLY PIPES WITH METAL WHEEL HANDLE STOPS, AND STAINLESS STEEL LOWER SHROUD. MOUNT UNIT AT

10.2 AMPS, WITH POWER CORD KIT. INSTALL DISPOSER TIGHT IN BACK LEFT CORNER UNDER SINK.

PROVIDE BASKET STRAINTER AND DRAIN.

ADA COMPLIANT HEIGHT.

VALVE IN ACCESSIBLE LOCATION.

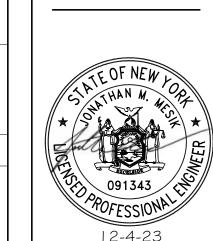
GALVANIZED ICE MACHINE BOX.

ARCHITECTRUAL PLANS FOR MOUNTING HEIGHT.

SEE ARCHITECTURAL PLANS FOR MOUNTING HEIGHT.

PROVIDE BASKET STRAINTER AND DRAIN. PROVIDE WITH IN-SINK-ERATOR EVOLUTION EXCEL 1 HP DISPOSER, 120V/60,

SEAMLESS #18 GAUGE, TYPE 302 (18-8) NICKEL BEARING STAINLESS. SATIN FINISH FULLY UNDERCOATED, HOLES AT 4'



12-4-23

S STADIUM NE ATING BOWL, & RET STREET POUGHKEEPSIE,

BID SET 11.04.22 REVISIONS 1 CONSTRUCTION DOCS 11.07.23 2 PKG 2 - ASI 11 3 PKG 2 - ASI 12

57-21113-00 **PLUMBING** SCHEDULES

P6.1.ii

ΡIΡ	E SIZE							 /2"		3/4		1"	**	1-1		.,	1-1/2"	X. VELO 2"		3"			4"	
	. GPM							1		3		7		1			21	44		128			272	,
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	. FLUSH \		F.U.					-		-		-		-			7	35		106			52	
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MAX. GPM

MAX. FLUSH TANK F.U.

MAX. FLUSH VALVE F.U. VELOCITY (FPS)

WAT	ER SYSTEM	PIPING SIZING		
Based on 2020 NYPC)				
Job Name.: Dutchess Stadium				
57-21113-00				
FIXTURE COUNT & GPM	IPC Water			
FIXTURES	FIXTURE	NUMBER	TOTAL	
	UNITS	OF PLUMBING	FIXTURE	
	(each)	FIXTURES	UNITS	
Bathroom Group (Tank)	3.6	0	0	
Bathroom Group (FV)	8	0	0	
Bathtub (Pvt)	1.4	0	0	
Bathtub (Public)	4	2	8	
Dishwashing Machine (Pvt)	1.4	2	2.8	
Drinking Fountain	0.25	0	0	
Kitchen Sink (Pvt)	1.4	0	0	
Kitchen Sink (Hotel/Rest)	4	5	20	
Lavatory (Pvt)	0.7	0	0	
Lavatory (Public)	2	34	68	
Service Sink	3	4	12	
Shower Head (Public)	4	12	48	
Shower Heat (Pvt)	1.4	0	46 0	
Urinal (Waterless)	0	11	0	
Washing Machine (Pvt 8 lb)	1.4	0	0	
,		_	_	
Washing Machine (Public 8 lb)	3	0	0	
Washing Machine (65 lb)	4	2	8	
Water Closet (Pvt Tank)	2.2	0	0	
Water Closet (Public FV)	10	33	330	EII
			496.8	FU
			= 142.488	GPM
PRESSURE		RESIDUAL	STATIC	
CITY WATER MAIN PRESSURE (P	SI)	54	60	PSI
PRESSURE PROVIDED BY:	Email from Lo on 7-19-21 @ 1	u Bach (Ibach@hvea _l I2:53 pm	pc) - Civil	
PRESSURE LOSS				
WATER METER: (3" METER AT 14	•		5	
BACKFLOW PREVENTER: (4" RP	BP AT 143 GPM)		12	
HEIGHT TO FIXTURE - FEET	20	0	8.66	
PRESSURE REQUIRED AT LAST F	FIXTURE		25	
			50.7	PSI
PRESSURE REMAINING FOR PIPE	E LOSS:		9.3	PSI
DISTANCE				
DISTANCE MAIN TO LAST FIXTUR	ĽΕ		465	FT
FITTING FACTOR		_	x 1.1	
			511.5	FT
AVAILABLE PRESSURE LOSS DUE T	O FRICTION PER	100 FT.	1.8	PSI
NOTE:				
PIPES SIZED BASE ON 1.8 VELOCITY OF 8 FT/SEC	PSI LOSS PER	100 FOOT OF PIPE (OR MAXIMUM	

. PROVIDE AQUASTAT AND AUTOMATIC TIMER KIT

RP-1 A119

RP-2 A202C

BLDG SERVICES

STORAGE

FRICTION LOSS IN HEAD, IN LBS. PER SQ. IN. PER 100FT LENGTH

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L GAS USAGE S	JOHEBOLE	GAS LOAD
EQUIPMENT MARK	ARFA	INPUT
IVIARN	AREA	(MBH)
201	CONVECTION OVEN - KITCHEN	150
202	FRYER - KITCHEN	360
204	6-BURNER RANGE - KITCHEN	220
205	36" GRIDDLE - KITCHEN	130
206	36" CHARBROILER - KITCHEN	148
DRYER	LAUNDRY/EQUIP	165
GF-A117	BATTING TUNNEL	150
AHU-W	WEIGHT ROOM	150
DOAS-L	NEW LOCKER ROOM	200
DOAS-K	KITCHEN	350
AHU-H	HOSPITALITY AND CLUB AREA	600
WH-1	NEW CLUBHOUSE	199.9
WH-2	NEW CLUBHOUSE	199.9
WH-3	NEW CLUBHOUSE	199.9
WH-4	NEW CLUBHOUSE	199.9
WH-5	NEW CLUBHOUSE	199.9
WH-6	NEW CLUBHOUSE	199.9
WH-7	KITCHEN	199.9
WH-8	KITCHEN	199.9
WH-9	TOILET BUILDING	199.9
	BASE BID TOTAL CONNECTED LOAD	4422

DESIGN BASED ON 380 FEET EQUIVALENT LENGTH OF PIPE.

MATERIAL

DESCRIPTION

STAINLESS

STAINLESS

GALVANIZED

GALVANIZED

STEEL

STAINLESS

GALVANIZED GALVANIZED

STEEL

STEEL

VITREOUS CHINA

3 MOLDED STONE

STAINLESS

VITREOUS CHINA

VITREOUS CHINA

WHITE

VITREOUS CHINA

GALVANIZED

STEEL

MANUFACTURER

CHICAGO FAUCET

CO

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STAINLESS | CHICAGO FAUCET |

STAINLESS CHICAGO FAUCET

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POLISHED

CHROME

POLISHED

CHROME

WHITE

WHITE

WHITE

STEEL

MODEL

895-317ABCP

895-317ABCP MANUAL

MANUAL

640-L12E1-317YAB MANUAL No

ETF-880-4-B-BDT-CP | ELECTRONIC | Yes

ETF-880-4-B-BDT-CP ELECTRONIC Yes

LK940AT08T4S

C-96-1-295-X-A

SFSM-1.28-HW

ROYAL 111

SFSM-1.28-HW

C-96-500-B30-V-QD MANUAL

MANUAL

MANUAL

ELECTRONIC Yes

ELECTRONIC

DESCRIPTION

DOMESTIC WATER

BACKFLOW PREVENTER

SINGLE BOWL SINK

DRINKING FOUNTAIN -

ELECTRIC WATER

WALL MOUNTED TUB FILL 2

COOLER - ADA

FAUCET

EXTERIOR WALL

HYDRANT

HYD-2 INTERIOR WALL HYDRANT

IMF-1 ICE MAKER OUTLET BOX 3

LAVATORY - COUNTER -

JANITOR SINK

1-COMPARTMENT SINK

SHOWER, INDIVIDUAL

DUAL SHOWER WITH ADA

HANDSHOWER, GRAB

BAR, AND ADA SLIDE

URINAL

WATER CLOSET - FLOOR

FLUSH VALVE

WATER CLOSET - FLOOR

MOUNT, BACK OUTLET -

FLUSH VALVE - ADA

OUTLET BOX

MOUNT, BACK OUTLET - 19

UR-1

LAVATORY - WALL HUNG - 12 VITREOUS CHINA

CS-1-D SINGLE BOWL SINK

BFP-1

CS-2

FF-1

BUILDING UT	ILITY DEMANDS
DOMESTIC WATER (GPM) SANITARY (DFU)	143 GPM
	NEW CLUBHOUSE: 156 DFU NEW TOILET BUILDING: 88 DFU
NATURAL GAS (2-PSI) DEMAND (CFH)	4422 CFH

BASIS OF DESIGN

BELL & GOSSETT

ecocirc N 20-18F

NBF-12F/LW

NOTES

D. PROVIDE WITI ID WH-1 WH-2	TH CONDENSAT	IE NEUTRALIZATION K LOCATION NAME BLDG SERVICES BLDG SERVICES	TYPE TANKLESS TANKLESS	SERVES NEW CLUBHOUSE NEW CLUBHOUSE		GAS BURNER CAPCITY (BTUH) (% 192 96 192 96	F	FUEL MIN PRESS (IN. W.C.) 4	FLOW (GPM) DESIGN MIN @ MIN FIR 5.4 0.4 5.4 0.4	ENTERING	R TEMPERATURE (*F) THERMAL EFF (%) RISE 70 96 70 96	FLA (A)	VOLT (V)	PH (I	IGHT BS) MANUFACTURER 32 RHEEM 32 RHEEM	OF DESIGN MODEL RTGH-CM95DVLN RTGH-CM95DVLN	NOTES 1
D. PROVIDE WITI	NO.	LOCATION NAME	TYPE		(BTUH)	CAPCITY EF (BTUH) (%	F TYPE	MIN PRESS	DESIGN MIN @	WATER ENTERING	R TEMPERATURE (AX TEMP (%)	FLA	VOLT	PH (I	IGHT BS) MANUFACTURER	MODEL	NOTES
). PROVIDE WITI	TH CONDENSAT	LOCATION		SERVES		CAPCITY EF	F	MIN PRESS	DESIGN MIN @	WATER	R TEMPERATURE (AX TEMP (%)	FLA	VOLT	WE	IGHT		NOTES
). PROVIDE WITI	TH CONDENSAT	LOCATION		SERVES	INDIIT				FLOW (GPM)						WE	IGHT		NOTES
-	TH CONDENSAT		IT.			GAS BURNE	R DATA			WATERSIDE DA	TA	TUEDMAL	ELEC	CTRICAL D	ATA	BASIS	OF DESIGN	
-		TE NEUTRALIZATION K	IT.															
	STALL SCHEDUL	UMBERS ARE FOR REI LE 40 CPVC VENT AND ER.							OWS.	NOTES: 1. PROVIDE EX	(PANSION TANK	K. REFER TO EXPAI	NSION TA	NK SCHE	EDULE THIS	SHEET FOR BASIS OF D	DESIGN.	
					GA	S-FIR	ED \	WATE	R HEAT	ER S	CHED	ULE						
'												DINCLUDE FRAME COI DANCE WITH MANUFA				ND CONSTRUCTION COVE AL BUILDING CODE.	RS. WATTS	DE ID ELVEE
	TD-1	TRENCH DRAIN	- '	DLYPROPYLENE								TS. SYSTEM SHALL BE						DEAD LEVEL

FLOOR DRAIN SCHEDULE

V	WH-1 A119 WH-2 A119 WH-3 A119		TANKLESS TANKLESS	NEW CLUBHOUSE	199.9	192	96	NG	4	5.4	0.4	50	120	70	06	2	100	4	00	DUEELA		
V		19 BLDG SERVICES	TANKI ESS	NEW OLLIBRIAN					•	0.4	0.4	30	120	10	96		120	1	82	RHEEM	RTGH-CM95DVLN	1
	WH-3 A119		.,	NEW CLUBHOUSE	199.9	192	96	NG	4	5.4	0.4	50	120	70	96	2	120	1	82	RHEEM	RTGH-CM95DVLN	1
V		19 BLDG SERVICES	TANKLESS	NEW CLUBHOUSE	199.9	192	96	NG	4	5.4	0.4	50	120	70	96	2	120	1	82	RHEEM	RTGH-CM95DVLN	1
	WH-4 A119	19 BLDG SERVICES	TANKLESS	NEW CLUBHOUSE	199.9	192	96	NG	4	5.4	0.4	50	120	70	96	2	120	1	82	RHEEM	RTGH-CM95DVLN	1
V	WH-5 A119	19 BLDG SERVICES	TANKLESS	NEW CLUBHOUSE	199.9	192	96	NG	4	5.4	0.4	50	120	70	96	2	120	1	82	RHEEM	RTGH-CM95DVLN	1
V	WH-6 A119	19 BLDG SERVICES	TANKLESS	NEW CLUBHOUSE	199.9	192	96	NG	4	5.4	0.4	50	120	70	96	2	120	1	82	RHEEM	RTGH-CM95DVLN	1
V	WH-7 A202	2C STORAGE	TANKLESS	KITCHEN	199.9	192	96	NG	4	4.2	0.4	50	140	90	96	2	120	1	82	RHEEM	RTGH-CM95DVLN	1
V	WH-8 A202	2C STORAGE	TANKLESS	KITCHEN	199.9	192	96	NG	4	4.2	0.4	50	140	90	96	2	120	1	82	RHEEM	RTGH-CM95DVLN	1
V	WH-9 A253	MECH	TANKLESS	TOILET BUILDING	199.9	192	96	NG	4	5.4	0.4	50	120	70	96	2	120	1	82	RHEEM	RTGH-CM95DVLN	1
V	WH-9 A253	53 MECH	TANKLESS						NSIC		ANK	SCH		70 ILE	96	2	120	1	82	RHEEM	RTGH-CM95DVLN	1

50 20 0 0 BELOW GRADE

INLINE INLINE

TYPE

RAL:	OLONI MOT		DE EOD DEEEDEN	E ONLY DID FOLUDATATE TO F		DEDECO		NOTES:										
SIS OF DI	:SIGN MOL	EL NUMBERS F	RE FOR REFEREN	E ONLY. BID EQUIPMENT TO F	PROVIDE THE INDICATED	PERFORM	IANCE.	1. MEETING	3 STANDARD	PDI-G101.								
SIS OF DI	SIGN MOL	LOCATION	RE FOR REFEREN	E ONLY. BID EQUIPMENT TO F	COVER	PERFORM	CAPACITY		STANDARD ALLATION	PDI-G101.	F	PIPE CON	NECTIONS		DII	MENSIONS (F	T-IN)	_
SIS OF DI	SIGN MOL		RE FOR REFEREN	E ONLY. BID EQUIPMENT TO F		PERFORM			ALLATION	PDI-G101.	F INLE		NECTIONS OUTLE	:T	DII	MENSIONS (F	T-IN)	_
ID	NO.		TYI		COVER	CONN			ALLATION		-			CONN	DIF	MENSIONS (F	T-IN) HEIG	 ۸

DESCRIPTION

SYSTEM

DOMESTIC FIXTURE SCHEDULE

1-1/2"

1-1/2"

1-1/2"

1-1/2"

40 °F 1.28 gal 1.28 gal 4"

1.28 gal

FLUSH PER FLUSH PRIMARY

VENT

1-1/2"

1-1/2"

1-1/2"

1-1/2"

1-1/2"

1-1/2"

1-1/2"

CONNECTION

STRAINER

NICKEL BRONZE

ALUMINUM

ALUMINUM

ALUMINUM

DUCO CAST IRON DUCTILE IRON

CAST IRON

EPOXY COATED

CAST IRON

EPOXY COATED

CAST IRON

EPOXY COATED

VENT PIPE SIZE

2" 2"

WATER

1/2"

1/2"

1/2"

3/4"

WATER

MOTION SENSOR WATER FLOW CWT HWT MAX. MWT

1.0 GPM

0.1 GPM

0.1 GPM

2.5 GPM

2.5 GPM

1.5 GPM

1.0 GPM 40 °F 120 °F 105 °F

40 °F

40 °F

40 °F

0.5 GPM 40 °F 120 °F 105 °F

0.5 GPM 40 °F 120 °F 105 °F

0.5 GPM | 40 °F | 120 °F | 105 °F

2.5 GPM | 40 °F | 120 °F | 105 °F

0.5 GPM 40 °F 120 °F 105 °F

FD-1

FS-1

FS-2

FS-2

BLDG SERVICES

OI-A166 A119

FLOOR DRAIN

FLOOR SINK

FLOOR SINK

FLOOR SINK

MATERIAL

DESCRIPTION

40 °F | 120 °F | 120 °F

40 °F | 120 °F | 105 °F

40 °F | 120 °F | 105 °F

40 °F | 120 °F | 105 °F

40 °F

40 °F

40 °F

CONTROL

		RP-3	A253	MECH	INLINE		1	4 2	2800	0.5	115	1 10) BE	LL & GOSS	SETT	N	IBF-12F/LW		1		
						S	UN	/ IP	PU	MP	SC	HED	ULE								
ENERAL: BASIS OF DES	SIGN MODE	EL NUMBERS ARE I	FOR REFEREN	ICE ONLY. BID) EQUIPMENT TO PRO	VIDE TH	E INDIC	CATED P	ERFOR	MANCE.	2. PRO	VIDE PUMP VIDE ZOELL	ER 'UNICHE	CK' COM	BINATIO	N UNIO	N AND CHEC	K VALVE.		H BEFORE ORDERING.	
		LOCATION						PUM	P DATA			BASIN D	IMENSIONS	ELEC	CTRICAL D	ATA	WEIGHT		BASIS O	OF DESIGN	
ID	NO.	NAME	SYSTE	M NAME	TYPE	FLOW	1		M	IOTOR		DEPTH	DIA	FLA	VOLT	PH	WEIGHT (LBS)	MANUFA	ACTURER	MODEL	NOTES
	110.	IVAIVIL				(GPM)	(FT)	QTY	HP	RPM	ECM	(FT-IN)	("ø)	(A)	(V)		(230)	WAITO A	TOTORER	HODEL	
SP-A166	A166	ELEV	W	/ 98	SIMPLEX	50	25	1	0.5	3450	No	2' - 6"	24"	15	115	1	80	ZOE	LLER	MODEL 161	1,2,3

1 4 2800 0.5 115 1 10

ELECTRICAL DATA

DOMESTIC CIRCULATING PUMP SCHEDULE

A. BASIS OF DESIGN MODEL NUMBERS ARE FOR REFERENCE ONLY. BID EQUIPMENT TO PROVIDE THE INDICATED PERFORMANCE.

OIL INTERCEPTOR SCHEDULE A. BASIS OF DESIGN MODEL NUMBERS ARE FOR REFERENCE ONLY. BID EQUIPMENT TO PROVIDE THE INDICATED PERFORMANCE 1. PROVIDE WITH EXTENSION AS NECESSARY FOR RECESSED INSTALLATION OF TOP FLUSH WITH FINISHED FLOOR. INSTALLATION воттом COVER OF EQUIP ELEV RISER HEIGHT

-1' - 9 1/2" 0' - 6 29/32" 4" 4" 2' - 10" 1' - 9" 1' - 10"

INLET OUTLET LENGTH WIDTH HEIGHT

ACCEPT VOLUME (GAL)

6.4 6.4

PRESS RELIEF (PSI)