

´ DEPT. OF 5, HIGHWAY & `ION 1919 Alliant Energy Center Way Madison, Wisconsin 53713 Office: 608/266-4018 ◊ Fax: 608/267-1533 Public Works Engineering Division Public Works Solid Waste Division

ADDENDUM

December 13, 2016

ATTENTION ALL REQUEST FOR BID (RFB) HOLDERS RFB NO. 316048 - ADDENDUM NO. 1

NEW RESTROOM FACILITY HENRY VILAS ZOO

BIDS DUE: TUESDAY, DECEMBER 20TH, 2016, 2:00 PM. DUE DATE AND TIME ARE NOT CHANGED BY THIS ADDENDUM.

This Addendum is issued to modify, explain or clarify the original Request for Bid (RFB) and is hereby made a part of the RFB. Please attach this Addendum to the RFB.

PLEASE MAKE THE FOLLOWING CHANGES:

1. Section 07 61 00 – Sheet Metal Roofing

Page 3, line 15, revise to read:

"5. Color and finish: As selected by Architect from manufacturer's full range of standard colors to match Atas Charcoal Grey (62) or approved equal."

2. Section 23 09 15 – DDC Input / Output Summary Table Add Section 23 09 15, issued with this Addendum.

3. Sheet C100 – Demolition Plan

At the west corner of the existing concrete retaining wall revise note only in this location from "Remove Trees. Contractor to coordinate removal of wood with Owner." to read "Protect Trees During Construction. Clear shrubs in this area to Construction Limits. Contractor to coordinate disposal with Owner."

4. Sheet A600 – Wall Sections

2A600 add the following notes: "Continuous air barrier below slab, turn up at vertical wall" "Continuous 2" Insulation Type 4, typ. below slab and vertical to 4" below grade or to existing vertical foundation insulation."

5. Sheet A601 – Wall Sections

3A601 revise note to read "solid surface 2 sill at wall beyond".

6. Sheet S100 – Foundation Plan

Revise block thicknesses at Women's, Mother's, Family, and Men's Restroom entrances from 6" to 8".

7. Sheet S101 – Lower Roof Framing Plan and Details

- A. Revise low roof framing plan to omit column A9.
- B. Revise title of the lintel schedule to "miscellaneous lintels & masonry".
- C. Detail 2S101 revise graphic to reflect column extending beyond top of masonry. Revise note to

reflect #4 Vert. in Grouted Cell both sides of column, typ.

8. Sheet S102 – Upper Roof Framing Plan

Revise location of the column on A.2 line from 7.8 to 8.

9. Sheet S300 – Structural Details

- A. Add note at 18S300 plate isometric " * = Inside Dim."
- B. 21S300 omit all dimensions at glulam beam.

10. Sheet P100 - Underfloor Plan - Plumbing

- A. Replace Sheet P100 with new Sheet P100, issued with this Addendum
- B. Add non-potable cold water (NPC) connections to trench drains, attached.
- C. Add note #2, attached.

11. Sheet P101 – Floor Plan – Plumbing

A. Replace Sheet P101 with new Sheet P101, issued with this Addendum.B. Add RPBP-1, RPBP-2, and piping for non-potable cold water (NPC) connections to trench drains, attached.

C. Add note #3, attached.

12. Sheet P800 Schedules – Plumbing

A. Replace Sheet P800 with new Sheet P800, issued with this Addendum.

B. Add RPBP Schedule.

13. Sheet E000 – Symbols, Abbreviations & Sheet Index

A. Lighting Control Panel (LCP) System, disregard any note for Cat 5 or Cat 5e wiring. Z-max panel only uses twisted pairs.

14. Sheet E100 – Floor Plan – Lighting

- A. Concession #100 Provide one (1) toggle switch to control four (4) type "F" light fixtures.
- B. Women's #200 Center three (3) type "F" light fixtures between column lines 5 & 6.
- C. Exterior of Building Delete one (1) type "C" light fixture at column lines C/6.

D. All areas with exposed ceilings to structure – Ceiling mounted sensors can be installed on walls in locations to provide maximum coverage.

E. Tele/Data Raceway Requirements - "Voice/Data/POS cabling to be pulled by Electrical contractor"

15. Prebid Sign-in Sheet

Add prebid sign-in sheet, issued with this addendum.

If any additional information about this Addendum is needed, please call Eric Urtes at 608/266-4798, Urtes.Eric@countyofdane.com.

Sincerely, Eric Urtes, AIA Project Manager

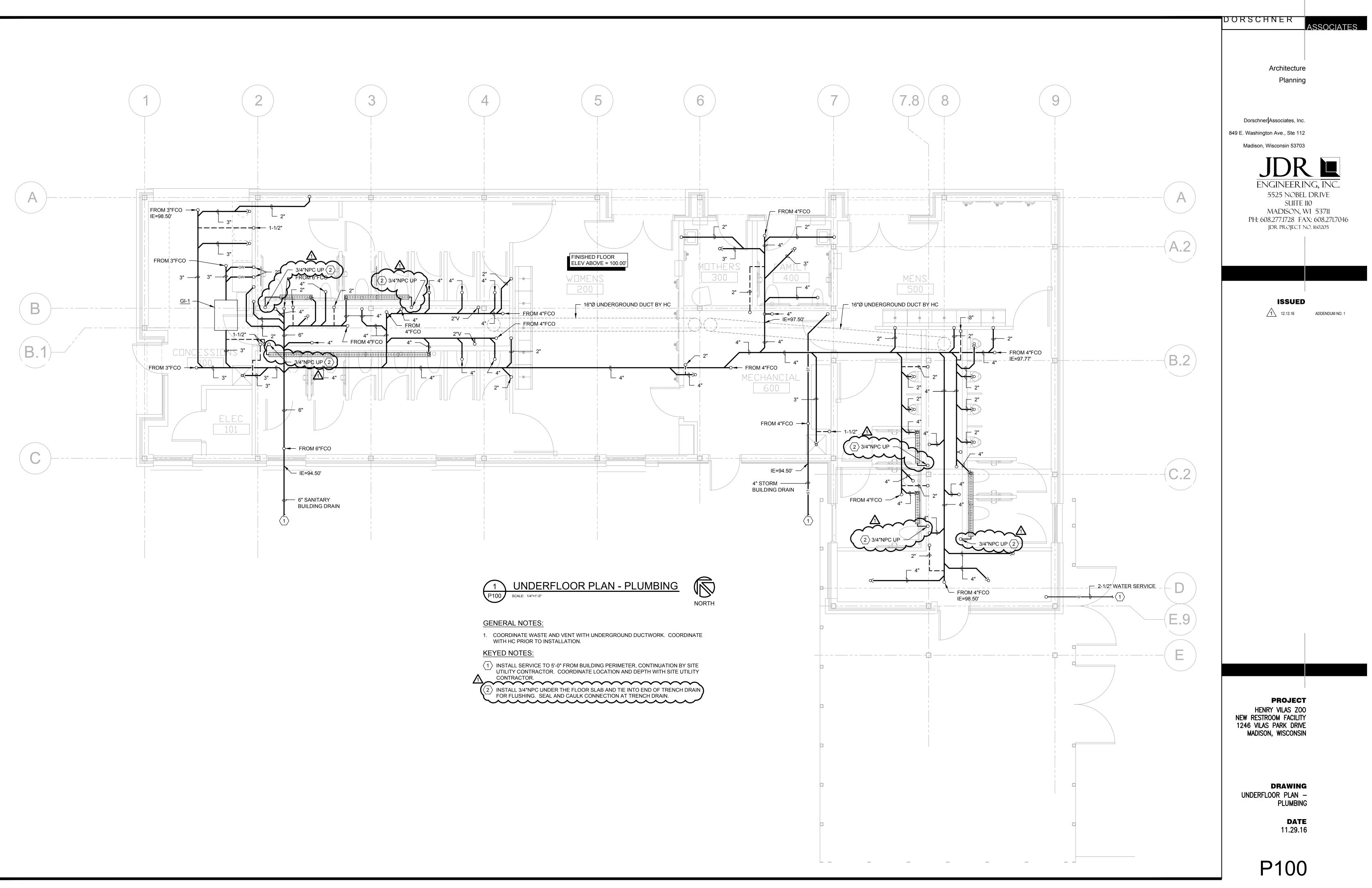
Enclosures:

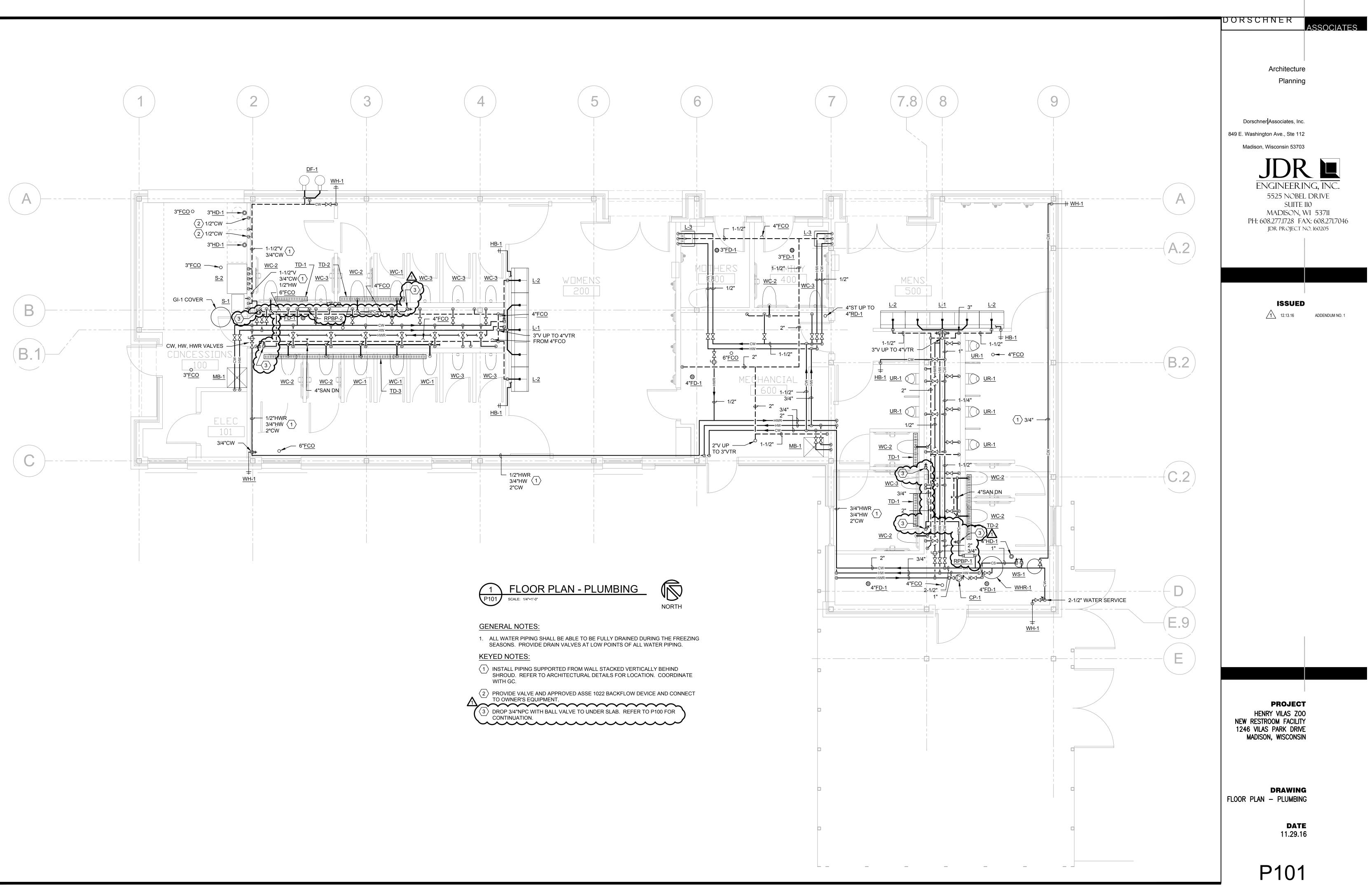
Section 23 09 15 – DDC Input / Output Summary Table P100 – Underfloor Plan - Plumbing P101 – Floor Plan - Plumbing P800 – Schedules – Plumbing Prebid Sign-in Sheet

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PROJECT:																		
Dane County Zoo			Ŧ	HARDWARE						U	SOFTWARE	VARE						
LOCATION:																		
Madison WI	LUO	OUTPUT		IN	INPUT		AL	ALARMS										
	DIGITAL	ANAI	ANALOG	DIGITAL	ANALOG		DIGITAL	ANALOG		ENERGY	Y MAN	MANAGEMENT		SYSTEM	M FU	FUNCTIONS	SNO	
Building Input / Outputs		tor												ratior				
	ntrol Relay AC os Actuator	State Actuator ation Adjust Actua	0 VDC 0 WP	rrent Sensing Switch ntrol Relay Contact dilary Contact Pressure Switch w Switch	nperature ative Humidity erential Pressure uge Pressure	tic Pressure	intenance issure	h Limit v Limit intenance	//Night Setback	nand Limiting I-up I/O אַ Cycling	timum Start/Stop eduled Start/Stop	alization bn	ioiterpetal mention	Alarm Integration Surity/Access Integ of PQM Integration	-bulb Economizer	//OA Reset W Reset	oke Control	Gomments Sector
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ERV-1												1						
/ Disable	×											F						
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Outside Air Temperature																		
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Damper (D-7) Exhaust Air			×									×						
Damper (D-8) (Fresh Air)			×									×			_			
Damper (D-10) (Fresh Air)			×									×			_			
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Duct Furnace			×									1						
EF-1																		
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200 - Women's Toilet					×			××				4						
400 - Family					×													
500 - Men's Toilet					×							4						
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DDC INPUT / OUTPUT SUMMARY TABLE





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	PLUMBI				AIN			IOUT SCHED	DULE						PL	_				JRE SCHE
ID	FIXTURE		FU	WASTE TRAP	VENT	DETAIL SHEE		RKS					WASTE				ATER	ICATION SEC		DR ACCEPTABLE EQUAL MANUFACTUR
<u>FD-1</u>	FLOOR DRAIN		3 4	3" 4"	1-1/2" 2"			415-B, CAST IRON BODY, 6" DIAMETER N RTIBLE MEMBRANE CLAMP, AND ADJUS		ID	FIXTURE	DFU	TRAP	VENT (MIN)	C CWFU	OLD SIZE	HWFU	HOT SIZE	DETAIL/	DESCRIPTION/REMARKS
<u>HD-1</u>	HUB DRAIN - AT GRADE		4 6	3" 4"	1-1/2" 2"		EXTEND HUB 2" AFF	(MIN), INSTALL PIPE INCREASER ONE F	PIPE SIZE LARGER.						CVVFU	SIZE		SIZE		FIXTURE: ELKAY EZWS-EDFPBI STEEL BASINS, SELF-CLOSING I
							METER LENGTH SEC	SSIK DRAIN K100 TRENCH DRAIN SYSTE CTION K1-10, 4" ROUND BOTTOM OUTLE	ET, LOWEST BOTTOM INVERT 5.91,	DF-1	DRINKING FOUNTAIN	0.5	1-1/4"	1-1/2"	0.25	1/2"				TRAP: CHROME PLATED CAST
<u>TD-1</u>	TRENCH DRAIN		4	4"	2"	2/P000	INCLUDE END CAPS	ZED FRAME, NO CROSS BARS, CONTINI AT BEGINNING AND END OF TRENCH R OCKING GRATE. PROVIDE INSTALLATIO	RUN, TYPE 494Q BLACK			0.0		1-1/2	0.23					FIXTURE SUPPORT: SEE MANU STOPS & SUPPLIES: McGUIRE F
								OVAL TOOLS. REFER TO FLOOR PLANS												CHROME PLATED COPPER RISE FIXTURE: WOODFORD MODEL
								SSIK DRAIN K100 TRENCH DRAIN SYSTE H SECTION K1-9 THRU K1-10, 4" ROUND		<u>HB-1</u>	HOSE BIBB				3	1/2"				CONNECTION. FIXTURE: BRADLEY VERGE LVS
<u>TD-2</u>	TRENCH DRAIN		4	4"	2"	2/P000	AT 0.5%, INCLUDE E	RAL GALVANIZED FRAME, NO CROSS BAND CAPS AT BEGINNING AND END OF T	FRENCH RUN, TYPE 494Q BLACK											DRILLING FOR THREE (3) FAUCE DETERMINED BY A/E DURING SI
								OCKING GRATE, PROVIDE INSTALLATIO OVAL TOOLS. REFER TO FLOOR PLANS		L-1	LAVATORY (ADA HEIGHT)	1	1-1/4"	1-1/2"	0.5	1/2"	0.5	1/2"		ADA COMPLIANT. FAUCET: MOEN COMMERCIAL &
							FIXTURE: ACO KLAS	SSIK DRAIN K100 TRENCH DRAIN SYSTE CTION K1-6 THRU K1-10, 4" ROUND BOT												FINISH, BRASS CONSTRUCTION TRAP & DRAIN: INCLUDED WITH
<u>TD-3</u>	TRENCH DRAIN		4	4"	2"	2/P000	INVERT 5.91, INTEGI AT 0.5%, INCLUDE E	RAL GALVANIZED FRAME, NO CROSS B/ ND CAPS AT BEGINNING AND END OF T	ARS, CONTINUOUS SLOPE SYSTEM FRENCH RUN, TYPE 494Q BLACK											STOPS & SUPPLIES: McGUIRE H CHROME PLATED COPPER RISE
								OCKING GRATE, PROVIDE INSTALLATIO OVAL TOOLS. REFER TO FLOOR PLANS												FIXTURE: BRADLEY VERGE LVS DRILLING FOR ONE (1) FAUCET
RD-1	ROOF DRAIN						FIXTURE: ZURN ZC	100-C-EA-R ROOF DRAIN, CAST IRON BO												DETERMINED BY A/È DURING SI COMPLIANT.
							ROOF SUMP RECEIN	ER, AND CAST IRON STRAINER.		<u>L-2</u>	LAVATORY (JUVENILE HEIGHT)	1	1-1/4"	1-1/2"	0.5	1/2"	0.5	1/2"		FAUCET: MOEN COMMERCIAL 8 CONSTRUCTION, CHROME PLAT
<u>FCO</u>	FLOOR CLEANOUT						WITH NICKEL BRON	ZURN ZN 1474-N, CAST IRON BODT, HI ZE TOP & INTERNAL CLEANOUT. 1468, POLISHED STAINLESS STEEL, ROU												TRAP & DRAIN: INCLUDED WITH STOPS & SUPPLIES: McGUIRE H
<u>WCO</u>	WALL CLEANOUT							RAISED HEX HEAD PLUG. VERIFY LENG												CHROME PLATED COPPER RISE FIXTURE: KOHLER KINGSTON K
						1														CARRIER, ONE (1) FAUCET HOL FAUCET: MOEN COMMERCIAL 8
										<u>L-3</u>	LAVATORY (ADA HEIGHT)	1	1-1/4"	1-1/2"	0.5	1/2"	0.5	1/2"	1/P000	CONSTRUCTION, CHROME PLA
	GA	١S	W		EF	K H	EATER	SCHEDULE												TRAP & DRAIN: PRE-WRAPPED STOPS & SUPPLIES: McGUIRE H
ID		SAS	GAS PRESS	RE	ECOVERY	TA C/		CRIPTION/REMARKS												CHROME PLATED COPPER RISE FIXTURE: MUSTEE 63M 24"x24">
		FH	IN WC		H RISE	°F G	AL SHEET	K TYPE NATURAL GAS FIRED WATER HI	EATER. 96% EFFICIENT. SEALED											CONNECTION. FAUCET: CHICAGO FAUCETS S
<u>WHR-1</u>	HTP PHOENIX PH100-80 35	-100	12	152	2 80) e	0 4/P000 COM	IBUSTION, 3" VENT/INTAKE, STAINLESS H 5:1 TURNDOWN, LCD DISPLAY. INCLU	STEEL TANK, MODULATING BURNER	<u>MB-1</u>	MOP BASIN	3	3"	1-1/2"	2	1/2"	2	1/2"		PAIL HOOK, ADJUSTABLE SUPP NON-REMOVABLE CHROME VAC
							KGA	VT0601CVT AND VENT THRU ROOF.												TRAP & DRAIN: CAST IRON OR ACCESSORIES: HOSE & HOSE
																				FIXTURE: KOHLER KINGSTON K CARRIER, THREE (3) FAUCET HO
				Ρ	UN	1P (SCHED	ULE												FAUCET: CHICAGO FAUCETS 8 CHROME FINISH, 5-1/4" RIGID GO
	MANUFACTURER MODEL #		ELEC	CTRICAL	-			HARGE DETAIL/ DESCRIPTION		<u>S-1</u>	SINK (HAND SINK)	1	1-1/4"	1-1/2"	0.5	1/2"	0.5	1/2"	1/P000	MOUNTED, ADA COMPLIANT. TRAP & DRAIN: PRE-WRAPPED
	MANUFACTURER MODEL #	HP	AMPS	VOL	TS PHA	SE	GPM	HD FT SHEET	NE PUMP, HORIZONTAL LUBRICATED											STOPS & SUPPLIES: McGUIRE F CHROME PLATED COPPER RISE
<u>CP-1</u>	B&G NBF-12U FR	RACT	0.48	120) 1	28	00 NO 1.5	TYPE, CARBOI	N BEARINGS, NORYL IMPELLER, NFT, STAINLESS STEEL											FIXTURE: ADVANCED TABCO 40 COMPARTMENTS 21"x12"x14" DE
								ACCESSORIES	S. INCLUDE TIMER KIT TC-1.											FAUCET: CHICAGO FAUCETS 5' CHROME FINISH, TWO HOLE MC
										<u>S-2</u>	SINK (3-COMPARTMENT)	2	1-1/2"	1-1/2"	2	1/2"	2	1/2"		STAINLESS STEEL HOSE WITH I
	GRE	ΞΑ	SE	11 E	NTE	ER	CEPTO	R SCHEDUL	E											STOPS & SUPPLIES: McGUIRE H
			AP G	REASE	RAT	EDs														CHROME PLATED COPPER RISE
	MANUFACTURER MODEL #	(GAL)	CA	AP (LBS)	GP	M	SHEET	MOLDED SEAMLESS HDPE CONSTR	RUCTION, EXTENSION TO FINISHED	<u>UR-1</u>	URINAL (ADA COMPLIANT)	2	2	1-1/2"	2	3/4"				COMPLIANT. FLUSH VALVE: SLOAN ROYAL 1
								FLOOR, BOLTED DOWN COMPOSITE INLET/OUTLET, DIFFUSERS ON INLE												SPUD, 3/4" SCREWDRIVER ANG
<u>GI-1</u>	SCHIER PRODUCTS GB-50	52		249	50) 3	/"x28"x28.5"	MANUFACTURER'S INSTRUCTIONS.												MAX, 2.25" TRAPWAY, 1-1/2" TOF FLUSH VALVE: SLOAN ROYAL 1
								FLOW RATE: EACH BASIN SIZE = 21 2.04 CU FT x 7.4805 = 15.27 GALLON LIQUID CAPACITY: 11.45 x 2 BASINS	S x 0.75 (3/4 CAPACITY) = 11.45 GPM	<u>WC-1</u>	WATER CLOSET (STANDARD HEIGHT)	6	4"	2"	6.5	1-1/2"				1-1/2" TOP SPUD, 1" SCREWDRIN SEAT: BEMIS 1655-SSC TOILET
								GREASE CAPACITY: 22.90 x 2 = 45.8												HINGES. SUPPORT: COMMERCIAL GRAD
<u> </u>	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	\sim	\sim	\sim	\sim	\sim		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		♠										SLEEVES, FASTEN TO FLOOR. FIXTURE: SAME AS WC-1, ADA F
	REDUCED	Ρ	RF	59	SUI	RE	BACKE	LOW PREVE		\										FLUSH VALVE: SAME AS WC-1,
	1					<u>ee</u>				X	WATER CLOSET (ADA HEIGHT)	6	4"	2"	6.5	1-1/2"				SEAT: BEMIS 1655-SSC TOILET HINGES.
		SIZE	_	GPM	DRO)P	SYSTEM ET	BRONZE BODY, SILICONE RUBBER I	DISC IN BOTH CHECK SEATS.	≀										SUPPORT: COMMERCIAL GRAD SLEEVES, FASTEN TO FLOOR.
RPBP-1	WATTS 919QT-S	3/4"		10	13		TRENCH	BRONZE BODY, SILICONE RUBBER	EATS, INCLUDE AIR GAP FITTING.	3										FIXTURE: KOHLER PRIMARY K-4 PASSAGEWAY, 1.6 GPF, 10" ROU
<u>RPBP-2</u>	WATTS 919QT-S	3/4"		10	13		WASH	STAINLESS STEEL RELIEF VALVE SE	EATS, INCLUDE AIR GAP FITTING.	X	WATER CLOSET (CHILD HEIGHT)	6	4"	2"	6.5	1-1/2"				FLUSH VALVE: SLOAN ROYAL 1 1-1/2" TOP SPUD, 1" SCREWDRIN
\sim		\sim	\sim	\sim	\sim															SEAT: KOHLER K-4686, OPEN F
										<u>WH-1</u>	WALL HYDRANT				4	3/4"				3/4" HOSE CONNECTION, LOOSE

	PLUMBI									UT	S	SCH	HEDU	_E							PL					JRE SCHEI
ID	FIXTURE	DFU		VEN	T S	HEEI		PTION/REM											WASTE							
<u>FD-1</u>	FLOOR DRAIN	3 4	3" 4"	1-1/2 2"	2"								DIAMETER NICKEL	RONZE "TYPE B" STRAINER, COLLAR.	ID		FIXTURE	DFU	TRAP	VENT (MIN)	CWFU	OLD SIZE	HWFU	IOT SIZE	DETAIL/ SHEET	DESCRIPTION/REMARKS
<u>HD-1</u>	HUB DRAIN - AT GRADE	4 6	3" 4"	1-1/2 2"	2"		EXTEND	HUB 2" AF	F (MIN), I	INSTALI	L PIPE II	INCREAS	SER ONE PIPE SIZ	E LARGER.								UILL		UILL		FIXTURE: ELKAY EZWS-EDFPBI STEEL BASINS, SELF-CLOSING
						1	METER L	ENGTH SE	ECTION K	< 1-10, 4'	" ROUNE	ND BOTTO	FOM OUTLET, LOW	ERNAL WIDTH, ONE (1) ONE ST BOTTOM INVERT 5.91,	DF-1		DRINKING FOUNTAIN	0.5	1-1/4"	1-1/2"	0.25	1/2"				TRAP: CHROME PLATED CAST
<u>TD-1</u>	TRENCH DRAIN	4	4"	2"	2/	/P000	INCLUDE	E END CAP	S AT BEC	GINNÍNO	G AND E	END OF T	TRENCH RUN, TY	OPE SYSTEM AT 0.5%, E 494Q BLACK ES FOR CHANNELS AND												FIXTURE SUPPORT: SEE MANU STOPS & SUPPLIES: McGUIRE F
							SPARE G							GH POINTS AND LENGTHS												CHROME PLATED COPPER RISE
														TERNAL WIDTH, TWO (2) // OUTLET, LOWEST BOTTOM	<u>HB-1</u>		HOSE BIBB				3	1/2"				CONNECTION. FIXTURE: BRADLEY VERGE LVS
<u>TD-2</u>	TRENCH DRAIN	4	4"	2"	2/	/P000	AT 0.5%,	INCLUDE	END CAF	PS AT B	EGINNIN	IING AND E	D END OF TRENCH	NTINUOUS SLOPE SYSTEM RUN, TYPE 494Q BLACK												DRILLING FOR THREE (3) FAUCI DETERMINED BY A/E DURING S
							SPARE G							ES FOR CHANNELS AND GH POINTS AND LENGTHS	I -1		_AVATORY (ADA HEIGHT)	1	1-1/4"	1-1/2"	0.5	1/2"	0.5	1/2"		ADA COMPLIANT. FAUCET: MOEN COMMERCIAL
							FIXTURE	E: ACO KLA						FERNAL WIDTH, FIVE (5) ONE FLET, LOWEST BOTTOM					1-1/4	1-1/2	0.0	172	0.5	172		FINISH, BRASS CONSTRUCTION
TD-3	TRENCH DRAIN	4	4"	2"	2		INVERT 8	5.91, INTEC	GRAL GAI	LVANIZ	ED FRA	AME, NO C	O CROSS BARS, CO	NTINUOUS SLOPE SYSTEM RUN, TYPE 494Q BLACK												STOPS & SUPPLIES: McGUIRE I CHROME PLATED COPPER RISE
							POLYPR	OPYLENE GRATE REM	LOCKING	G GRATI	E, PROV	VIDE INST	STALLATION DEVI	ES FOR CHANNELS AND GH POINTS AND LENGTHS												FIXTURE: BRADLEY VERGE LVS
							FIXTURE							DIA, COMBINATION												DRILLING FOR ONE (1) FAUCET DETERMINED BY A/E DURING S COMPLIANT.
<u>RD-1</u>	ROOF DRAIN							ANE FLASH JMP RECE						P, ADJUSTABLE EXTENSION,	<u>L-2</u>	L	AVATORY (JUVENILE HEIGHT)	1	1-1/4"	1-1/2"	0.5	1/2"	0.5	1/2"		FAUCET: MOEN COMMERCIAL CONSTRUCTION, CHROME PLA
<u>FCO</u>	FLOOR CLEANOUT							HED AREA CKEL BROI						ITY CLEANOUT HOUSING,												TRAP & DRAIN: INCLUDED WITH
WCO	WALL CLEANOUT						SCREW	& BRONZE	RAISED					CESS COVER, SECURING CREW REQUIRED WITH												STOPS & SUPPLIES: McGUIRE I CHROME PLATED COPPER RISE
							WALL CO	ONSTRUCT	TION.																	FIXTURE: KOHLER KINGSTON F CARRIER, ONE (1) FAUCET HOL
															1-3		_AVATORY (ADA HEIGHT)	1	1-1/4"	1-1/2"	0.5	1/2"	0.5	1/2"	1/P000	FAUCET: MOEN COMMERCIAL
	GA	S		TF	R	HF	ΤΔ	FR	S	ЭΗ			JLE		<u>L-0</u>				1-1/4	1-1/2	0.5	172	0.5	1/2	1/F 000	TRAP & DRAIN: PRE-WRAPPED
																										STOPS & SUPPLIES: McGUIRE I CHROME PLATED COPPER RISE
ID	MANUFACTURER MODEL # GAS	, PF	RESS 🛏	RECOVE		CAP GAL	DET/ SHE		SCRIPTIC	ON/REI/	IARKS															FIXTURE: MUSTEE 63M 24"x24" CONNECTION.
						_								96% EFFICIENT, SEALED ANK, MODULATING BURNER	MB-1		MOP BASIN	3	3"	1-1/2"	2	1/2"	2	1/2"		FAUCET: CHICAGO FAUCETS S PAIL HOOK, ADJUSTABLE SUPP
<u>WHR-1</u>	HTP PHOENIX PH100-80 35-10	00	12 1	152	80	80	4/P0	WI ⁻	TH 5:1 TU	JRNDO	NN, LCD		AY. INCLUDE CO	CENTRIC VENTING KIT					-							NON-REMOVABLE CHROME VAG
																										ACCESSORIES: HOSE & HOSE
																										FIXTURE: KOHLER KINGSTON F CARRIER, THREE (3) FAUCET H
			ŀ		VIF	S	CF	IED	UL	-E					S-1	ç	SINK (HAND SINK)	1	1-1/4"	1-1/2"	0.5	1/2"	0.5	1/2"	1/P000	FAUCET: CHICAGO FAUCETS 8 CHROME FINISH, 5-1/4" RIGID G
ID	MANUFACTURER MODEL #		ELECTRIC			RPM	VFD		CHARGE		DETAIL/ SHEET		SCRIPTION/REMAR	٢S					1 174	1 1/2	0.0	172	0.0	172		MOUNTED, ADA COMPLIANT. TRAP & DRAIN: PRE-WRAPPED
	HP		MPS VO	DLTS P	HASE			GPM	HD F	-1 `		BRON		P, HORIZONTAL LUBRICATED												STOPS & SUPPLIES: McGUIRE CHROME PLATED COPPER RISI
<u>CP-1</u>	B&G NBF-12U FRAC	ст с).48 1	20	1	2800	NO	1.5	2.4		4/P000	CERA	RÁMIC SHAFT, STA													FIXTURE: ADVANCED TABCO 4 COMPARTMENTS 21"x12"x14" D
													CESSORIES. INCL	DE TIMER KIT TC-1.												FAUCET: CHICAGO FAUCETS 5 CHROME FINISH, TWO HOLE MO
															<u>S-2</u>	S	SINK (3-COMPARTMENT)	2	1-1/2"	1-1/2"	2	1/2"	2	1/2"		STAINLESS STEEL HOSE WITH TRAP & DRAIN: CHROME PLAT
	GRE	AS	SE I	NT	Ē	RC	EP	OT	RS	SC	HE	EDI	ULE													STOPS & SUPPLIES: McGUIRE
		D CAP	GREAS	E R	ATED		(LxWxH)	DETAIL				MARKS														CHROME PLATED COPPER RISI
	(G.	AL)	CAP (LB	S) (GPM			SHEET						EXTENSION TO FINISHED	<u>UR-1</u>	l	JRINAL (ADA COMPLIANT)	2	2	1-1/2"	2	3/4"				COMPLIANT. FLUSH VALVE: SLOAN ROYAL 1
									INLE	ET/OUT	LET, DIF	IFFUSERS	RS ON INLET AND	TED FOR FOOT TRAFFIC, 3" UTLET, INSTALL PER												SPUD, 3/4" SCREWDRIVER ANG FIXTURE: KOHLER KINGSTON F
<u>GI-1</u>	SCHIER PRODUCTS GB-50 5	52	249		50	37"x2	8"x28.5"		CAL	LCULAT	IONS:		RUCTIONS.													MAX, 2.25" TRAPWAY, 1-1/2" TO FLUSH VALVE: SLOAN ROYAL 1
									2.04	4 CU FT	x 7.4805	05 = 15.27		" = 3528 CU IN / 1728 = 3/4 CAPACITY) = 11.45 GPM	<u>WC-1</u>		WATER CLOSET (STANDARD HEIGHT)	6	4"	2"	6.5	1-1/2"				1-1/2" TOP SPUD, 1" SCREWDRI SEAT: BEMIS 1655-SSC TOILET
													x = 22.90 x = 45.82 LBS	GALLONS												HINGES. SUPPORT: COMMERCIAL GRAD
\sim	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	\sim	\sim	\sim	\sim	\sim	\sim	\sim	\sim	\sim	\sim	\sim	~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	▲ —											SLEEVES, FASTEN TO FLOOR. FIXTURE: SAME AS WC-1, ADA
	REDUCED	DE			ID		2 \ (אור				rede	3											FLUSH VALVE: SAME AS WC-1,
	REDUCED						DAI							IERO	X <u>WC-2</u>	V	WATER CLOSET (ADA HEIGHT)	6	4"	2"	6.5	1-1/2"				SEAT: BEMIS 1655-SSC TOILET HINGES.
ID	MANUFACTURER MODEL # SI	ZE	GPM		RESS DROP	_	STEM	DETAIL/S	DES			MARKS			3											SUPPORT: COMMERCIAL GRAD SLEEVES, FASTEN TO FLOOR.
RPBP-1	WATTS 919QT-S 3/	/4"	10		13		ENCH /ASH							30TH CHECK SEATS, CLUDE AIR GAP FITTING.	<u>ک</u>											FIXTURE: KOHLER PRIMARY K- PASSAGEWAY, 1.6 GPF, 10" ROI
RPBP-2	WATTS 919QT-S 3/	/4"	10		13		ENCH /ASH							30TH CHECK SEATS, CLUDE AIR GAP FITTING.	} <u>wc-3</u>	\	WATER CLOSET (CHILD HEIGHT)	6	4"	2"	6.5	1-1/2"				FLUSH VALVE: SLOAN ROYAL 1 1-1/2" TOP SPUD, 1" SCREWDRI
	······																									SEAT: KOHLER K-4686, OPEN F
															WH-1		WALL HYDRANT				4	3/4"				FIXTURE: WOODFORD MODEL 3/4" HOSE CONNECTION, LOOS

No. N		PLUME	BING				CLI	EAN	OU	T SCHEDL	JLE							PL					
No. N	ID	FIXTURE	DFU				DESCRIF	PTION/REMAR	RKS							WASTE					ICATION SEC		DR ACCEPTABLE EQUAL MANUFACTUR
EX. Product and and any intervention of the example of the exampl	<u>FD-1</u>	FLOOR DRAIN	3 4	3" 4"								ID		FIXTURE	DFU	TRAP						DETAIL/	DESCRIPTION/REMARKS
E Control with the state of the state	<u>HD-1</u>	HUB DRAIN - AT GRADE	4 6	3" 4"	1-1/2" 2"		EXTEND	HUB 2" AFF (I	MIN), INSTA	ALL PIPE INCREASER ONE PIPE	SIZE LARGER.								SIZE		SIZE		FIXTURE: ELKAY EZWS-EDFPB
Image: No. Image: No. <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>METER L</td> <td>LENGTH SECT</td> <td>TION K1-10</td> <td>, 4" ROUND BOTTOM OUTLET, LC</td> <td>OWEST BOTTOM INVERT 5.91,</td> <td>DF-1</td> <td></td> <td>Ουνταίν</td> <td>0.5</td> <td>1-1/4"</td> <td>1-1/2"</td> <td>0.25</td> <td>1/2"</td> <td></td> <td></td> <td></td> <td>TRAP: CHROME PLATED CAST</td>							METER L	LENGTH SECT	TION K1-10	, 4" ROUND BOTTOM OUTLET, LC	OWEST BOTTOM INVERT 5.91,	DF-1		Ουνταίν	0.5	1-1/4"	1-1/2"	0.25	1/2"				TRAP: CHROME PLATED CAST
Image: Control in the control in th	<u>TD-1</u>	TRENCH DRAIN	4	4"	2"	2/P000	INCLUDE	E END CAPS A	T BEGINNI	ING AND END OF TRENCH RUN,	TYPE 494Q BLACK		DIVINGING	OUNTAIN	0.0	1-1/4	1-1/2	0.23	172				FIXTURE SUPPORT: SEE MANU
Line Line <thline< th=""> Line Line</thline<>							SPARE C	GRATE REMO															CHROME PLATED COPPER RISE
1 1												<u>HB-1</u>	HOSE BIBB					3	1/2"				CONNECTION.
1 1	<u>TD-2</u>	TRENCH DRAIN	4	4"	2"	2/P000	AT 0.5%,	, INCLUDE EN	D CAPS AT	F BEGINNING AND END OF TREN	ICH RUN, TYPE 494Q BLACK												DRILLING FOR THREE (3) FAUCE DETERMINED BY A/E DURING SI
No. International procession of the internationa							SPARE C	GRATE REMO				1-1		(ADA HEIGHT)	1	1_1/4"	1-1/2"	0.5	1/2"	0.5	1/2"		ADA COMPLIANT. FAUCET: MOEN COMMERCIAL 8
123 maxture is a single for the standing and the standif and the standing and t							FIXTURE	E: ACO KLASS		K100 TRENCH DRAIN SYSTEM, 4'	" INTERNAL WIDTH, FIVE (5) ONE						1-1/2	0.0	1/2	0.0	172		FINISH, BRASS CONSTRUCTION
Image: Normalized in the second with the second withe second with the second with the second with the s	TD-3	TRENCH DRAIN	4	4"	2"	2/P000	INVERT	5.91, INTEGRA	AL GALVAN	NIZED FRAME, NO CROSS BARS,	CONTINUOUS SLOPE SYSTEM												STOPS & SUPPLIES: McGUIRE H
in worden							SPARE C	GRATE REMO		· ·													FIXTURE: BRADLEY VERGE LVS
Image: Note of the state of the st							FIXTURE	E: ZURN ZC10															DETERMINED BY A/È DURING SI
Image: Normal intermediation intermediati intermediation intermediation	<u>RD-1</u>	ROOF DRAIN					ROOF SI	UMP RECEIVE	R, AND CA	AST IRON STRAINER.		<u>L-2</u>	LAVATORY ((JUVENILE HEIGHT)	1	1-1/4"	1-1/2"	0.5	1/2"	0.5	1/2"		FAUCET: MOEN COMMERCIAL & CONSTRUCTION, CHROME PLA
1	<u>FCO</u>	FLOOR CLEANOUT					WITH NI	CKEL BRONZE	E TOP & IN	TERNAL CLEANOUT.													TRAP & DRAIN: INCLUDED WITH
Bits Bits <th< td=""><td><u>wco</u></td><td>WALL CLEANOUT</td><td></td><td></td><td></td><td></td><td>SCREW</td><td>& BRONZE RA</td><td>AISED HEX</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>CHROME PLATED COPPER RISE</td></th<>	<u>wco</u>	WALL CLEANOUT					SCREW	& BRONZE RA	AISED HEX														CHROME PLATED COPPER RISE
Example CAS WATER HEATER SCHEDULE 1 <th1< th=""> 1 1 <th1< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>VVALL CO</td><td>UNSTRUCTIO</td><td>N.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>FIXTURE: KOHLER KINGSTON K CARRIER, ONE (1) FAUCET HOL</td></th1<></th1<>							VVALL CO	UNSTRUCTIO	N.														FIXTURE: KOHLER KINGSTON K CARRIER, ONE (1) FAUCET HOL
i i												<u>L-3</u>	LAVATORY ((ADA HEIGHT)	1	1-1/4"	1-1/2"	0.5	1/2"	0.5	1/2"	1/P000	FAUCET: MOEN COMMERCIAL & CONSTRUCTION, CHROME PLA
D UNLEX_LIMITED DATE UNIT		G	GAS V	VA^{-}	TEF	r He	ΞΑΤ	ER :	SC	HEDULE													TRAP & DRAIN: PRE-WRAPPED
			GAS GA	S R	ECOVERY	TAN	K DET																CHROME PLATED COPPER RISE
Note in the productive state is not a in a more instantial state within the state with state within the state within the state w	IJ	MANUFACTURER MODEL #			PH RISE		Í SHE	ET															CONNECTION.
Image: market and web the ma	WHR-1	HTP PHOENIX PH100-80	35-100 12	2 15	52 80	80	4/P0		USTION, 3	" VENT/INTAKE, STAINLESS STE	EL TANK, MODULATING BURNER	<u>MB-1</u>	MOP BASIN		3	3"	1-1/2"	2	1/2"	2	1/2"		PAIL HOOK, ADJUSTABLE SUPP NON-REMOVABLE CHROME VAC
PUMP SCHEDULE Image: Construction of the constrult of the construc																							TRAP & DRAIN: CAST IRON OR
PUMP SCHEDULE Austractiver Name Private Statuli Control Austractiver Name Private Statuli Control Private <																							FIXTURE: KOHLER KINGSTON K
n NAMULTACTURTE MORET 4 ELECTRICAL (MAIL 10 ALL 10 AL				F			SCH	IEDI	ШE														FAUCET: CHICAGO FAUCETS 8
			FI									<u>S-1</u>	SINK (HAND	SINK)	1	1-1/4"	1-1/2"	0.5	1/2"	0.5	1/2"	1/P000	
Image: Normal and the state of the	ID	MANUFACTURER MODEL # -				SE RPN	/ VFD			SHEET DESCRIPTION/REM													TRAP & DRAIN: PRE-WRAPPED STOPS & SUPPLIES: McGUIRE F
Image: Include Truction of the second structure truct to the second structure tructure	CP-1	B&G NBF-12U	FRACT 0.4	8 12	20 1	2800	D NO	1.5	2.4	TYPE, CARBON BE	ARINGS, NORYL IMPELLER,												CHROME PLATED COPPER RISE FIXTURE: ADVANCED TABCO 4
Scher Response Scher R										CERAMIC SHAFT, S													COMPARTMENTS 21"x12"x14" DE FAUCET: CHICAGO FAUCETS 5
												<u>S-2</u>	SINK (3-CON	/PARTMENT)	2	1-1/2"	1-1/2"	2	1/2"	2	1/2"		CHROME FINISH, TWO HOLE MO STAINLESS STEEL HOSE WITH I
ID MANUFACTURER MODEL# LUQUD CAP ((DAL) REALT CAP (LUSA) DESCRIPTION/REMARKS III MANUFACTURER MODEL# LUQUD CAP ((DAL) REASE PATTD (GAL) SIZE LUWH) DETAIL SHEET DESCRIPTION/REMARKS PATTD SHEET DESCRIPTION/REMARKS DESCR		CE																					TRAP & DRAIN: CHROME PLATE
UD MANUFACTURER MODEL# Organ SZE (LWMH) Similar Description LD MANUFACTURER MODEL# Organ SZE (LWMH) Similar Description Exclusion Similar Description Description Similar Description Description Description Description Description Description Description Description Descripiiii Si Simili Similar Description		Gr						1		SHEDULL													CHROME PLATED COPPER RISE
Image: Scher PRODUCTS CB-60 52 249 50 37*x28*x28.5* SPUD.38* SCHER PRODUCTS CB-60 52 249 50 37*x28*x28.5* SPUD.38* SCHER PRODUCTS CB-60 52 249 50 37*x28*x28.5* SPUD.38* SCHER PRODUCTS CB-60 52 249 50 37*x28*x28.5* SPUD.38* SCHER PRODUCTS CB-60 52 249 50 1472* SPUD.38* SCHER PRODUCTS CB-60 SPUD.38* SCHER PRODUCTS CB-60 1472* SPUD.38* SCHER PRODUCTS CB-60	ID	MANUFACTURER MODEL #					E (LxWxH)					<u>UR-1</u>	URINAL (AD/	A COMPLIANT)	2	2	1-1/2"	2	3/4"				COMPLIANT.
GL1 SCHIER PRODUCTS GB-50 52 249 50 37">28">249 50 37">28" 50 1.12" <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>FLOOR, I</td><td>BOLTED DOWN COMPOSITE LID</td><td>RATED FOR FOOT TRAFFIC, 3"</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>SPUD, 3/4" SCREWDRIVER ANG</td></td<>									FLOOR, I	BOLTED DOWN COMPOSITE LID	RATED FOR FOOT TRAFFIC, 3"												SPUD, 3/4" SCREWDRIVER ANG
Unit of the second state of the sec	GI-1	SCHIER PRODUCTS GB-50	52	249	50	37"	x28"x28.5"		MANUFA	ACTURER'S INSTRUCTIONS.													MAX, 2.25" TRAPWAY, 1-1/2" TOP
LIQUID CAPACITY: 1145 x2 BASINS = 22.90 GALLONS GREASE CAPACITY: 22.00 x 2 + 45.82 LBS Image: Comparison of the comparison of t									FLOW RA	ATE: EACH BASIN SIZE = 21"x12" FT x 7.4805 = 15.27 GALLONS x 0.	.75 (3/4 CAPACITY) = 11.45 GPM	<u>WC-1</u>		OSET (STANDARD	6	4"	2"	6.5	1-1/2"				1-1/2" TOP SPUD, 1" SCREWDRIV
Normalize OPA Description BRONZE BODY, SILCONE RUBBER DISC IN BOTH CHECK SEATS, INCLUDE AIR GAP FITTING. WC-3 WATER CLOSET (CHILD HEIGHT) 6 4" 2" 6.5 1-1/2" FXTURE: SAME AS WC-1, ABA WC-3 WATER CLOSET (ADA HEIGHT) 6 4" 2" 6.5 1-1/2" FXTURE: SAME AS WC-1, ABA WC-2 WATER CLOSET (ADA HEIGHT) 6 4" 2" 6.5 1-1/2" FXTURE: SAME AS WC-1, ABA WC-2 WATER CLOSET (ADA HEIGHT) 6 4" 2" 6.5 1-1/2" FXTURE: SAME AS WC-1, ABA VC-2 WATER CLOSET (ADA HEIGHT) 6 4" 2" 6.5 1-1/2" FXTURE: SAME AS WC-1, ABA VC-3 WATER CLOSET (ADA HEIGHT) 6 4" 2" 6.5 1-1/2" FXTURE: WATER CLOSET (CHILD HEIGHT) 6 4" 2" 6.5 1-1/2" FXTURE: WATER CLOSET (CHILD HEIGHT) 6 4" 2" 6.5 1-1/2" </td <td></td> <td>HINGES.</td>																							HINGES.
Number Network Numbe	\sim	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	\sim	\sim	\sim	\sim	\sim	\sim	\sim														SLEEVES, FASTEN TO FLOOR.
$\frac{10}{10} \frac{1}{10} \frac{1}{10} \frac{1}{10} \frac{1}{10} \frac{1}{13} \frac{1}{10} \frac{1}{10} \frac{1}{13} \frac{1}{10} \frac{1}{10} \frac{1}{13} \frac{1}{10} $	{											3											FIXTURE: SAME AS WC-1, ADA I FLUSH VALVE: SAME AS WC-1,
ID MANDRACTORER MODEL* Size GPM DROP STSTEM ET DESCRIPTION/REMARKS ID MANDRACTORER MODEL* Size GPM DROP STSTEM ET DESCRIPTION/REMARKS Streves, FASTence Strev	\$	REDUCEL	J PR	E2	501	ΚΕ	BA			V PREVEN	NIERS	<u>WC-2</u>	WATER CLC	OSET (ADA HEIGHT)	6	4"	2"	6.5	1-1/2"				SEAT: BEMIS 1655-SSC TOILET HINGES.
RPBP-1 WATTS 919QT-S 3/4" 10 13 TRENCH WASH BRONZE BODY, SILICONE RUBBER DISC IN BOTH CHECK SEATS, STAINLESS STEEL RELIEF VALVE SEATS, INCLUDE AIR GAP FITTING. Kench FIXTURE: KOHLER PRIMARY K- PASSAGEWAY, 16 GPF, 10" ROU- STAINLESS STEEL RELIEF VALVE SEATS, INCLUDE AIR GAP FITTING. RPBP-2 WATTS 919QT-S 3/4" 10 13 TRENCH WASH BRONZE BODY, SILICONE RUBBER DISC IN BOTH CHECK SEATS, STAINLESS STEEL RELIEF VALVE SEATS, INCLUDE AIR GAP FITTING. 6 4" 2" 6.5 1-1/2" FIXTURE: KOHLER PRIMARY K- PASSAGEWAY, 16 GPF, 10" ROU- SAGEWAY, 16 GPF, 10" ROU- SEAT: KOHLER K-4686, OPEN F	ID	MANUFACTURER MODEL #	SIZE	GPM	PRE DRC	SS DP S	SYSTEM		DESCRIP			3											SUPPORT: COMMERCIAL GRAD
RPBP-2 WATTS 919QT-S 3/4" 10 13 TRENCH WASH BRONZE BODY, SILICONE RUBBER DISC IN BOTH CHECK SEATS, STAINLESS STEEL RELIEF VALVE SEATS, INCLUDE AIR GAP FITTING. 6 4" 2" 6.5 1-1/2" FLUSH VALVE: SLOAN ROYAL 1 1-1/2" TOP SPUD, 1" SCREWDRIN SEAT: KOHLER K-4686, OPEN F	RPBP-	U WATTS 919QT-S	3/4"	10	13							2											FIXTURE: KOHLER PRIMARY K-4
WH 1 WALL HYDRANT SEAT: KOHLER K-4686, OPEN F	RPBP-2	2 WATTS 919QT-S	3/4"	10	13	Т						k <u>WC-3</u>	WATER CLC	OSET (CHILD HEIGHT)	6	4"	2"	6.5	1-1/2"				FLUSH VALVE: SLOAN ROYAL 1
		·····			$\overline{}$																		SEAT: KOHLER K-4686, OPEN F
												<u>WH-1</u>	WALL HYDR	ANT				4	3/4"				FIXTURE: WOODFORD MODEL 3/4" HOSE CONNECTION, LOOSI

	PLUMBI	NG	DR		V &	/				TS	SCHE	EDUI	E	-						PL					JRE SCHE
ID FD-1	FIXTURE FLOOR DRAIN	DFU 3	TRAP 3"	VENT 1-1/2"	SHEET	FIXT		ZN415-B	B, CAST IF				RONZE "TYPE B" STRAIN	२,	ID	FIXTURE		WASTE	VENT	С	W. OLD	ATER	НОТ	DETAIL/	DESCRIPTION/REMARKS
HD-1	HUB DRAIN - AT GRADE	4	4" 3"	2" 1-1/2"							E CLAMP, AND A			-			DFU	TRAP	(MIN)	CWFU	SIZE	HWFU	SIZE		FIXTURE: ELKAY EZWS-EDFPBN
		6	4"	2"		FIXTU	JRE: ACO KL	_ASSIK [DRAIN K1	(100 TRE	RENCH DRAIN S	SYSTEM, 4" INT	FERNAL WIDTH, ONE (1) C	IE											STEEL BASINS, SELF-CLOSING F
TD-1	TRENCH DRAIN		۸"	2"	2/P000	INTE	GRAL GALVA	NIZED F	FRAME, N	NO CRC		ONTINUOUS SL	EST BOTTOM INVERT 5.91 OPE SYSTEM AT 0.5%, E 4940 BLACK		<u>DF-1</u>	DRINKING FOUNTAIN	0.5	1-1/4"	1-1/2"	0.25	1/2"				TRAP: CHROME PLATED CAST I FIXTURE SUPPORT: SEE MANUE
			•	2	2/1 000	POLY SPAF	/PROPYLENE RE GRATE RE	E LOCKII EMOVAL	ING GRAT	TE, PRO	ROVIDE INSTALI	LATION DEVIC	E FOR CHANNELS AND GH POINTS AND LENGTH												STOPS & SUPPLIES: McGUIRE F CHROME PLATED COPPER RISE
						FIXT		ASSIK [FERNAL WIDTH, TWO (2)		<u>HB-1</u>	HOSE BIBB				3	1/2"				FIXTURE: WOODFORD MODEL E CONNECTION.
<u>TD-2</u>	TRENCH DRAIN	4	4"	2"	2/P000	INVE AT 0. POLY	RT 5.91, INTE 5%, INCLUDE ′PROPYLENE	Egral G E END C E LOCKII	GALVANIZ CAPS AT E ING GRAT	IZED FR BEGINN TE, PRO	RAME, NO CRO NNING AND END ROVIDE INSTALL	DSS BARS, CON D OF TRENCH F LLATION DEVIC	A OUTLET, LOWEST BOTT NTINUOUS SLOPE SYSTE RUN, TYPE 494Q BLACK ES FOR CHANNELS AND GH POINTS AND LENGTH												FIXTURE: BRADLEY VERGE LVS DRILLING FOR THREE (3) FAUCE DETERMINED BY A/E DURING SH ADA COMPLIANT.
						OF T	RENCH RUN.						FERNAL WIDTH, FIVE (5) (<u>L-1</u>	LAVATORY (ADA HEIGHT)	1	1-1/4"	1-1/2"	0.5	1/2"	0.5	1/2"		FAUCET: MOEN COMMERCIAL & FINISH, BRASS CONSTRUCTION
						METE INVE	ER LENGTH S RT 5.91, INTE	SECTION	N K1-6 TH GALVANIZ	HRU K1- IZED FR	(1-10, 4" ROUND RAME, NO CRO	D BOTTOM OUT DSS BARS, CON	ILET, LOWEST BOTTOM NTINUOUS SLOPE SYSTE	· -											TRAP & DRAIN: INCLUDED WITH STOPS & SUPPLIES: McGUIRE H
<u>TD-3</u>	TRENCH DRAIN	4	4"	2"	2/P000	POLY	PROPYLENE	ELOCKI	ING GRAT	TE, PRO	ROVIDE INSTALI	LATION DEVIC	RUN, TYPE 494Q BLACK ES FOR CHANNELS AND												CHROME PLATED COPPER RISE FIXTURE: BRADLEY VERGE LVS
<u>RD-1</u>	ROOF DRAIN					OF TI FIXTI MEM	RENCH RUN. URE: ZURN Z BRANE FLAS	ZC100-C HING CI	C-EA-R RC CLAMP/GR	ROOF DF	DRAIN, CAST IRC L GUARD, UNDE	RON BODY, 15" I	GH POINTS AND LENGTH DIA, COMBINATION P, ADJUSTABLE EXTENSI												DRILLING FOR ONE (1) FAUCET DETERMINED BY A/E DURING SH COMPLIANT. FAUCET: MOEN COMMERCIAL 8
FCO	FLOOR CLEANOUT					UNFI	NISHED ARE	AS: ZUF	JRN ZN147	474-N, C		DDY, HEAVY DU	ITY CLEANOUT HOUSING	_	<u>L-2</u>	LAVATORY (JUVENILE HEIGHT)	1	1-1/4"	1-1/2"	0.5	1/2"	0.5	1/2"		CONSTRUCTION, CHROME PLAT
						FIXT	URE: ZURN Z	ZS1468,	, POLISHE	IED STA		,	ESS COVER, SECURING												TRAP & DRAIN: INCLUDED WITH STOPS & SUPPLIES: McGUIRE H
<u>WCO</u>	WALL CLEANOUT						EW & BRONZI		ED HEX H	HEAD PI	PLUG. VERIFY L	LENGTH OF SC	CREW REQUIRED WITH												CHROME PLATED COPPER RISE
																									CARRIER, ONE (1) FAUCET HOLI FAUCET: MOEN COMMERCIAL &
			ר א ו		Ъ						DUL	F			<u>L-3</u>	LAVATORY (ADA HEIGHT)	1	1-1/4"	1-1/2"	0.5	1/2"	0.5	1/2"	1/P000	CONSTRUCTION, CHROME PLAT TRAP & DRAIN: PRE-WRAPPED
	GA										DUL														STOPS & SUPPLIES: McGUIRE F CHROME PLATED COPPER RISE
ID	MANUFACTURER MODEL # GAS		S		CA	4P ^L	DETAIL/ SHEET	ESCRIP	PTION/REM	EMARKS	(S														FIXTURE: MUSTEE 63M 24"x24"> CONNECTION.
<u>WHR-1</u>	HTP PHOENIX PH100-80 35-10		152		80		4/P000 C0 W	OMBUS ⁻ /ITH 5:1	STION, 3" \ TURNDO	' VENT/II OWN, LO	/INTAKE, STAIN	NLESS STEEL T	96% EFFICIENT, SEALED ANK, MODULATING BURN CENTRIC VENTING KIT	R	<u>MB-1</u>	MOP BASIN	3	3"	1-1/2"	2	1/2"	2	1/2"		FAUCET: CHICAGO FAUCETS SI PAIL HOOK, ADJUSTABLE SUPPI NON-REMOVABLE CHROME VAC TRAP & DRAIN: CAST IRON OR I
																									ACCESSORIES: HOSE & HOSE
																									CARRIER, THREE (3) FAUCET H
	,		Ρ			<u>50</u>	HEC								<u>S-1</u>	SINK (HAND SINK)	1	1-1/4"	1-1/2"	0.5	1/2"	0.5	1/2"	1/P000	CHROME FINISH, 5-1/4" RIGID GO MOUNTED, ADA COMPLIANT.
ID	MANUFACTURER MODEL #				RP	PM V	/FD DIS	SCHARG	-	DETAIL SHEET		PTION/REMARK	<s< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>TRAP & DRAIN: PRE-WRAPPED</td></s<>												TRAP & DRAIN: PRE-WRAPPED
0.5.4													, HORIZONTAL LUBRICAT NGS, NORYL IMPELLER,	D											STOPS & SUPPLIES: McGUIRE F CHROME PLATED COPPER RISE
<u>CP-1</u>	B&G NBF-12U FRAC	CT 0.48	120) 1	280	00 1	NO 1.5	2	2.4	4/P000	CERAMIC	C SHAFT, STAI													FIXTURE: ADVANCED TABCO 40 COMPARTMENTS 21"x12"x14" DE
															<u>S-2</u>	SINK (3-COMPARTMENT)	2	1-1/2"	1-1/2"	2	1/2"	2	1/2"		FAUCET: CHICAGO FAUCETS 51 CHROME FINISH, TWO HOLE MC STAINLESS STEEL HOSE WITH I
			- 18						\sim																TRAP & DRAIN: CHROME PLATE
	GRE	<u>A21</u>		NIE				NK	50		IEDU						_								STOPS & SUPPLIES: McGUIRE H CHROME PLATED COPPER RISE
ID			BREASE AP (LBS)	RATI GPI		IZE (LxW)	KH) DETAI SHEE				REMARKS				<u>UR-1</u>	URINAL (ADA COMPLIANT)	2	2	1-1/2"	2	3/4"				FIXTURE: KOHLER BRANHAM K
								FL	FLOOR, BC	BOLTED	D DOWN COMPO	POSITE LID RAT	EXTENSION TO FINISHE	,			_								FLUSH VALVE: SLOAN ROYAL 1 SPUD, 3/4" SCREWDRIVER ANG
GI-1	SCHIER PRODUCTS GB-50	52	249	50	37	7"x28"x28	.5"	М	MANUFAC	CTURER	ER'S INSTRUCTI		UTLET, INSTALL PER												FIXTURE: KOHLER KINGSTON K MAX, 2.25" TRAPWAY, 1-1/2" TOP
		52	245			7 720 720		FL		TE: EA	ACH BASIN SIZE		" = 3528 CU IN / 1728 = 3/4 CAPACITY) = 11.45 GF	1	WC-1	WATER CLOSET (STANDARD HEIGHT)	6	4"	2"	6.5	1-1/2"				FLUSH VALVE: SLOAN ROYAL 1 1-1/2" TOP SPUD, 1" SCREWDRIN
								LI	IQUID CA	APACIT	TY: 11.45 x 2 BA CITY: 22.90 x 2 =	ASINS = 22.90 0		-											SEAT: BEMIS 1655-SSC TOILET HINGES.
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			~~~~	$\sim\sim$	$\sim$					~~~~~														SUPPORT: COMMERCIAL GRAD SLEEVES, FASTEN TO FLOOR.
•••														۱ <u>۲</u> ۲											FIXTURE: SAME AS WC-1, ADA H FLUSH VALVE: SAME AS WC-1, A
	REDUCED	<b>PK</b>	:23	5UI	ΚĿ	RA		(			RKE/		IEKS	_ <u> </u>	<u>WC-2</u>	WATER CLOSET (ADA HEIGHT)	6	4"	2"	6.5	1-1/2"				SEAT: BEMIS 1655-SSC TOILET HINGES.
ID	MANUFACTURER MODEL # SI	IZE	GPM	PRE: DRC		SYSTEM	1 DETAIL/ ET				REMARKS			\											SUPPORT: COMMERCIAL GRAD SLEEVES, FASTEN TO FLOOR.
RPBP-1	WATTS 919QT-S 3/	\$/4"	10	13		TRENCH WASH	·						30TH CHECK SEATS, CLUDE AIR GAP FITTING.	_ <u> </u>											FIXTURE: KOHLER PRIMARY K-4 PASSAGEWAY, 1.6 GPF, 10" ROU
RPBP-2	WATTS 919QT-S 3/	6/4"	10	13		TRENCH WASH	·						30TH CHECK SEATS, CLUDE AIR GAP FITTING.	_	<u>WC-3</u>	WATER CLOSET (CHILD HEIGHT)	6	4"	2"	6.5	1-1/2"				FLUSH VALVE: SLOAN ROYAL 1 1-1/2" TOP SPUD, 1" SCREWDRIV
		~~~	$\sim$				~~~	~~		$\sim$		~~~~													SEAT: KOHLER K-4686, OPEN FF
															<u>WH-1</u>	WALL HYDRANT				4	3/4"				FIXTURE: WOODFORD MODEL 6 3/4" HOSE CONNECTION, LOOSE

	FIXTURE	SING	WAS		DET	TAIL/	CLEANOU description/remarks	T S	CHEDULE						PL					JRE SCHEE
		DFU 3	TRAF	P VENT					Y. 6" DIAMETER NICKEL BRONZE "TYPE B" STRAINER		FIXTURE		WASTE				TER	ЮТ	DETAIL/	DESCRIPTION/REMARKS
<u>FD-1</u>	FLOOR DRAIN	4	4"	2"		(COMBINATION INVERTIBLE ME	MBRANE CL	AMP, AND ADJUSTABLE COLLAR.	-	FIXTURE	DFU	TRAP	VENT (MIN)	CWFU	SIZE	HWFU	SIZE	SHEET	DESCRIPTION/REMARKS
<u>HD-1</u>	HUB DRAIN - AT GRADE	6	3 4"	1-1/2" 2"	-				NCREASER ONE PIPE SIZE LARGER.											FIXTURE: ELKAY EZWS-EDFPBN STEEL BASINS, SELF-CLOSING F
						1	METER LENGTH SECTION K1-1	0, 4" ROUND	ICH DRAIN SYSTEM, 4" INTERNAL WIDTH, ONE (1) ONI) BOTTOM OUTLET, LOWEST BOTTOM INVERT 5.91, S BARS, CONTINUOUS SLOPE SYSTEM AT 0.5%,	<u>DF-1</u>	DRINKING FOUNTAIN	0.5	1-1/4"	1-1/2"	0.25	1/2"				TRAP: CHROME PLATED CAST E
<u>TD-1</u>	TRENCH DRAIN	4	4"	2"	2/P	2000 I	INCLUDE END CAPS AT BEGIN	NING AND EN	ND OF TRENCH RUN, TYPE 494Q BLACK											FIXTURE SUPPORT: SEE MANUF STOPS & SUPPLIES: McGUIRE H
								, -	TO FLOOR PLANS FOR HIGH POINTS AND LENGTHS											CHROME PLATED COPPER RISE FIXTURE: WOODFORD MODEL E
									ICH DRAIN SYSTEM, 4" INTERNAL WIDTH, TWO (2) K1-10, 4" ROUND BOTTOM OUTLET, LOWEST BOTTOI	- <u>HB-1</u>	HOSE BIBB				3	1/2"				CONNECTION. FIXTURE: BRADLEY VERGE LVS
<u>TD-2</u>	TRENCH DRAIN	4	4"	2"	2/P	2000 /	AT 0.5%, INCLUDE END CAPS A	T BEGINNIN	ME, NO CROSS BARS, CONTINUOUS SLOPE SYSTEM NG AND END OF TRENCH RUN, TYPE 494Q BLACK											DRILLING FOR THREE (3) FAUCE DETERMINED BY A/E DURING SH
								, -	IDE INSTALLATION DEVICES FOR CHANNELS AND TO FLOOR PLANS FOR HIGH POINTS AND LENGTHS	1.1	LAVATORY (ADA HEIGHT)		1-1/4"	1-1/2"	0.5	1/2"	0.5	1/2"		ADA COMPLIANT. FAUCET: MOEN COMMERCIAL 8
			_			F	FIXTURE: ACO KLASSIK DRAIN		ICH DRAIN SYSTEM, 4" INTERNAL WIDTH, FIVE (5) ON	<u>L-1</u>			1-1/4	1-1/2	0.5	172	0.5	172		FINISH, BRASS CONSTRUCTION TRAP & DRAIN: INCLUDED WITH
TD-3	TRENCH DRAIN	Δ	4"	2"	2/P		INVERT 5.91, INTEGRAL GALVA	NIZED FRAM), 4" ROUND BOTTOM OUTLET, LOWEST BOTTOM ME, NO CROSS BARS, CONTINUOUS SLOPE SYSTEM NG AND END OF TRENCH RUN, TYPE 494Q BLACK											STOPS & SUPPLIES: McGUIRE F
150					2/1	F	POLYPROPYLENE LOCKING GI	RATE, PROVI	TO FLOOR PLANS FOR HIGH POINTS AND LENGTHS											CHROME PLATED COPPER RISE FIXTURE: BRADLEY VERGE LVS
							OF TRENCH RUN. FIXTURE: ZURN ZC100-C-EA-R	ROOF DRAII	IN, CAST IRON BODY, 15" DIA, COMBINATION	4										DRILLING FOR ONE (1) FAUCET I DETERMINED BY A/E DURING SH COMPLIANT.
<u>RD-1</u>	ROOF DRAIN				-		MEMBRANE FLASHING CLAMP. ROOF SUMP RECEIVER, AND C		JARD, UNDERDECK CLAMP, ADJUSTABLE EXTENSION STRAINER.	<u>L-2</u>	LAVATORY (JUVENILE HEIGHT)	1	1-1/4"	1-1/2"	0.5	1/2"	0.5	1/2"		FAUCET: MOEN COMMERCIAL 8 CONSTRUCTION, CHROME PLAT
<u>FCO</u>	FLOOR CLEANOUT						UNFINISHED AREAS: ZURN ZN WITH NICKEL BRONZE TOP & I		ST IRON BODY, HEAVY DUTY CLEANOUT HOUSING, LEANOUT.	1										TRAP & DRAIN: INCLUDED WITH
WCO	WALL CLEANOUT				_				LESS STEEL, ROUND ACCESS COVER, SECURING IG. VERIFY LENGTH OF SCREW REQUIRED WITH											STOPS & SUPPLIES: McGUIRE F CHROME PLATED COPPER RISE
						<u> </u>	WALL CONSTRUCTION.													FIXTURE: KOHLER KINGSTON K CARRIER, ONE (1) FAUCET HOLE
										_	LAVATORY (ADA HEIGHT)		1-1/4"	1-1/2"	0.5	1/2"	0.5	1/2"	1/P000	FAUCET: MOEN COMMERCIAL 8 CONSTRUCTION, CHROME PLAT
	G	AS I	Λ/Δ	TEI	Rŀ	ЧF	ATER SC	HEL		<u>L-5</u>			1-1/4	1-1/2	0.5	172	0.5	172	1/2000	TRAP & DRAIN: PRE-WRAPPED
										-										STOPS & SUPPLIES: McGUIRE H CHROME PLATED COPPER RISE
ID	MANUFACTURER MODEL #	CEHI	ESS – WC (TANK CAP GAL	DETAIL/ SHEET DESCRIPTION/	REMARKS												FIXTURE: MUSTEE 63M 24"x24"x CONNECTION.
						_			FIRED WATER HEATER, 96% EFFICIENT, SEALED AKE, STAINLESS STEEL TANK, MODULATING BURNEI	MB-1	MOP BASIN	3	3"	1-1/2"	2	1/2"	2	1/2"		FAUCET: CHICAGO FAUCETS SI PAIL HOOK, ADJUSTABLE SUPPL
WHR-1	L HTP PHOENIX PH100-80	35-100 ⁻	12	152	80	80		DOWN, LCD	DISPLAY. INCLUDE CONCENTRIC VENTING KIT											NON-REMOVABLE CHROME VAC TRAP & DRAIN: CAST IRON OR F
										-										ACCESSORIES: HOSE & HOSE H
								-		1										FIXTURE: KOHLER KINGSTON K CARRIER, THREE (3) FAUCET HC
			ł		MΡ	5	CHEDULE	-		S-1	SINK (HAND SINK)	1	1-1/4"	1-1/2"	0.5	1/2"	0.5	1/2"	1/P000	FAUCET: CHICAGO FAUCETS 89 CHROME FINISH, 5-1/4" RIGID GO
ID	MANUFACTURER MODEL #					RPM	VFD	DETAIL/ SHEET	DESCRIPTION/REMARKS				1-1/4	1-172	0.0	172	0.0	172	1/1 000	MOUNTED, ADA COMPLIANT. TRAP & DRAIN: PRE-WRAPPED
		HP AN	MPS V	OLTS PH	IASE		GPM HD FT	SHEET	BRONZE IN-LINE PUMP, HORIZONTAL LUBRICATED	4										STOPS & SUPPLIES: McGUIRE F CHROME PLATED COPPER RISE
<u>CP-1</u>	B&G NBF-12U	FRACT 0	.48	120	1	2800	NO 1.5 2.4	4/P000	TYPE, CARBON BEARINGS, NORYL IMPELLER, CERAMIC SHAFT, STAINLESS STEEL											FIXTURE: ADVANCED TABCO 40 COMPARTMENTS 21"x12"x14" DE
									ACCESSORIES. INCLUDE TIMER KIT TC-1.	1										FAUCET: CHICAGO FAUCETS 51 CHROME FINISH, TWO HOLE MC
										<u>S-2</u>	SINK (3-COMPARTMENT)	2	1-1/2"	1-1/2"	2	1/2"	2	1/2"		STAINLESS STEEL HOSE WITH II TRAP & DRAIN: CHROME PLATE
	GR	EAS	SE	INT	EF	RC	EPTOR S	CHE	EDULE											STOPS & SUPPLIES: McGUIRE F CHROME PLATED COPPER RISE
ID			GREAS	SE RA	TED	1		IPTION/REM/												FIXTURE: KOHLER BRANHAM K-
	MANOFACTORER MODEL #	(GAL)	CAP (LE	3S) G	βPM		SHEET		S HDPE CONSTRUCTION, EXTENSION TO FINISHED	<u>UR-1</u>	URINAL (ADA COMPLIANT)	2	2	1-1/2"	2	3/4"				COMPLIANT. FLUSH VALVE: SLOAN ROYAL 10
							INLET/0	DUTLET, DIFF	OWN COMPOSITE LID RATED FOR FOOT TRAFFIC, 3" FUSERS ON INLET AND OUTLET, INSTALL PER											SPUD, 3/4" SCREWDRIVER ANGL FIXTURE: KOHLER KINGSTON K
<u>GI-1</u>	SCHIER PRODUCTS GB-50	52	249		50	37"x28	8"x28.5" <u>CALCU</u>	LATIONS:	INSTRUCTIONS.	_										MAX, 2.25" TRAPWAY, 1-1/2" TOP FLUSH VALVE: SLOAN ROYAL 1 ⁻¹
							2.04 CL	FT x 7.4805	HBASIN SIZE = 21"x12"x14" = 3528 CU IN / 1728 = 5 = 15.27 GALLONS x 0.75 (3/4 CAPACITY) = 11.45 GPM 11.45 x 2 BASINS = 22.90 GALLONS	<u>WC-1</u>	WATER CLOSET (STANDARD HEIGHT)	6	4"	2"	6.5	1-1/2"				1-1/2" TOP SPUD, 1" SCREWDRIV SEAT: BEMIS 1655-SSC TOILET
									$71.43 \times 2 \text{ BASING} = 22.90 \text{ GALLONG}$	J										HINGES. SUPPORT: COMMERCIAL GRAD
\sim	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	\sim	\sim	\sim	\sim	\sim	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	\sim	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	_∆										SLEEVES, FASTEN TO FLOOR. FIXTURE: SAME AS WC-1, ADA F
									REVENTERS	13										FLUSH VALVE: SAME AS WC-1, ADA 1
<pre>{</pre>	REDUCEL					_ L				<u>WC-2</u>	WATER CLOSET (ADA HEIGHT)	6	4"	2"	6.5	1-1/2"				SEAT: BEMIS 1655-SSC TOILET HINGES.
	MANUFACTURER MODEL #	SIZE	GPM		RESS ROP		STEM DETAIL/SHE ET DESCR													SUPPORT: COMMERCIAL GRAD SLEEVES, FASTEN TO FLOOR.
	1 WATTS 919QT-S	3/4"	10		13	W/	ASH STAINL	ESS STEEL F	ICONE RUBBER DISC IN BOTH CHECK SEATS, RELIEF VALVE SEATS, INCLUDE AIR GAP FITTING.	15										FIXTURE: KOHLER PRIMARY K-4 PASSAGEWAY, 1.6 GPF, 10" ROL
	2 WATTS 919QT-S	3/4"	10		13				ICONE RUBBER DISC IN BOTH CHECK SEATS, RELIEF VALVE SEATS, INCLUDE AIR GAP FITTING.	X	WATER CLOSET (CHILD HEIGHT)	6	4"	2"	6.5	1-1/2"				FLUSH VALVE: SLOAN ROYAL 1 1-1/2" TOP SPUD, 1" SCREWDRIV
			\sim	\sim						~										SEAT: KOHLER K-4686, OPEN FF
															· · ·					FIXTURE: WOODFORD MODEL 6

						١	NA	TER	SC	OFTE	ENE	ER S	SCH	IED	ULE
П	MANUFACTURER MODEL #	E	LECTRICA	AL.	GI	PM	MAX PRESS	GRAINS CAPACITY/	RESIN	TANK SIZE	S	ALT STORAG	GE	DETAIL/	DESCRIPTION/REMARKS
	MANUFACTORER MODEL #	AMPS	VOLTS	PHASE	CONT	PEAK	DROP	LBS SALT	DIA	HEIGHT	DIA	HEIGHT	LBS	SHEET	DESCRIPTION/REIVIARAS
<u>WS-1</u>	HELLENBRAND H125-48	FRACT	120	1	19	28	15	48,460/22.5	10"	54"	18"	40"	330	3/P000	SIMPLEX SYSTEM, 1.25" METER AND VALVE, FULLY PROGRAMMABLE, LCD DISPLAY, BRINE TANK INCLUDED.

	DORSCHNER	
EDULE		ASSOCIATES
	Architecture	
FPBM117K WALL HUNG, RECESSED, HI-LO ELECTRIC WATER COOLER WITH BOTTLE FILLER, STAINLESS SING PUSH BUTTON VALVE CONTROLS, 115V/60Hz HARD-WIRED CONNECTION, ADA COMPLIANT. AST BRASS P-TRAP.		
IANUFACTURER'S WRITTEN INSTRUCTIONS FOR SUPPORT BACKING. IRE H2167LK, LOOSE KEY QUARTER TURN ANGLE STOPS WITH CHROME PLATED ESCUTCHEONS & RISER SUPPLIES. DEL B24 ANTI-SIPHON HOSE BIBB, RECESSED LOCKABLE BOX, INTEGRAL VACUUM BREAKER, 3/4" HOSE	Dorschner Associates, Inc. 849 E. Washington Ave., Ste 112 Madison, Wisconsin 53703	
E LVSD3-SHANK-NSD-TMA-STAIN-IW-CHROME LAVATORY SYSTEM, THREE (3) STATIONS, SINGLE HOLE AUCET HOLES, NO SOAP DISPENSER, THERMOSTATIC MIXING VALVE PER FAUCET, COLOR TO BE NG SHOP DRAWING REVIEW, STAINLESS STEEL ACCESS PANEL, THREE (3) CHROME PLATED P-TRAPS,	JDR	
CIAL 8894 METERED FAUCET (THREE FAUCETS), 0.5 GPM AERATOR, SINGLE MOUNTING HOLE, CHROME TION, CHROME PLATED, ADA COMPLIANT. WITH FIXTURE.	ENGINEERI 5525 NOBEL	NG, <mark>INC.</mark> . drive
IRE H2167LK, LOOSE KEY QUARTER TURN ANGLE STOPS WITH CHROME PLATED ESCUTCHEONS & RISER SUPPLIES. E LVSD1-SHANK-NSD-TMA-STAIN-IW-CHROME LAVATORY SYSTEM, ONE (1) STATION, SINGLE HOLE ICET HOLE, NO SOAP DISPENSER, THERMOSTATIC MIXING VALVE PER FAUCET, COLOR TO BE	SUITE MADISON, V PH: 608.277.1728 FA JDR PROJECT N	VI 53711 X: 608.271.7046
NG SHOP DRAWING REVIEW, STAINLESS STEEL ACCESS PANEL, ONE (1) CHROME PLATED P-TRAP, ADA CIAL 8894 METERED FAUCET, 0.5 GPM AERATOR, SINGLE MOUNTING HOLE, CHROME FINISH, BRASS PLATED, ADA COMPLIANT.		
WITH FIXTURE. IRE H2167LK, LOOSE KEY QUARTER TURN ANGLE STOPS WITH CHROME PLATED ESCUTCHEONS & RISER SUPPLIES.		
ON K-2007 WALL HUNG LAVATORY SINK, WHITE VITREOUS CHINA, DRILLED FOR CONCEALED ARM HOLE, WITH OVERFLOW, ADA COMPLIANT.	ISSUED	
CIAL 8894 METERED FAUCET, 0.5 GPM AERATOR, SINGLE MOUNTING HOLE, CHROME FINISH, BRASS PLATED, ADA COMPLIANT.	12.13.16	ADDENDUM NO. 1
PPED OFFSET DRAIN & P-TRAP, WITH GRID STRAINER DRAIN. IRE H2167LK, LOOSE KEY QUARTER TURN ANGLE STOPS WITH CHROME PLATED ESCUTCHEONS & RISER SUPPLIES.		
"x24"x10" HIGH BASIN, ONE PIECE MOLDED DURASTONE, INTEGRAL MOLDED-IN DRAIN, 3" DRAIN		
TS SERVICE SINK FAUCET 305-RCF WITH ROUGH CHROME FINISH, 3/4" MALE HOSE THREADED OUTLET, SUPPLY ARMS WITH INTEGRAL SERVICE STOPS AND LEVER HANDLES. PROVIDE WATTS MODEL 8AC E VACUUM BREAKER.		
NOR PVC P-TRAP. OSE HOLDER 65.700, & MOP HANGER 65.600.		
ON K-2005 WALL HUNG LAVATORY SINK, WHITE VITREOUS CHINA, DRILLED FOR CONCEALED ARM ET HOLES ON 2" CENTERS, WITH OVERFLOW, ADA COMPLIANT.		
TS 895-317GN2AE3XKCP, MANUAL FAUCET, BRASS CONSTRUCTION, 2.2 GPM AERATOR, POLISHED GID GOOSENECK SPOUT, TWO 4" WRISTBLADE HANDLES, TWO HOLE MOUNTING ON 4" CENTERS, DECK IT.		
PPED OFFSET DRAIN & P-TRAP, WITH GRID STRAINER DRAIN. IRE H2167LK, LOOSE KEY QUARTER TURN ANGLE STOPS WITH CHROME PLATED ESCUTCHEONS & RISER SUPPLIES. CO 400 SERIES 4-3-36, 16 GAUGE TYPE 430 STAINLESS STEEL SINK, FLOOR STANDING, THREE		
14" DEEP, TWO FAUCET HOLES ON 8" CENTERS ON BACK SPLASH. TS 510-GC613AL15ABCP, MANUAL FAUCET WITH PRE-RINSE FAUCET, BRASS CONSTRUCTION, POLISHED E MOUNTING ON 8" CENTERS, 14" SWING SPOUT, 23" RISER WITH SPRING GUIDE, 44" FLEXIBLE /ITH INSULATED HANDLE ON PRE-RINSE FAUCET.		
PLATED CAST BRASS P-TRAP, WITH GRID STRAINER DRAIN. HIRE H2167LK, LOOSE KEY QUARTER TURN ANGLE STOPS WITH CHROME PLATED ESCUTCHEONS &		
AM K-4920-T FLOOR MOUNTED URINAL, WHITE VITREOUS CHINA, WASHOUT, 3/4" TOP SPUD, 0.5 GPF, ADA		
YAL 186-0.5 URINAL FLUSH VALVE, MANUAL OPERATION, DIAPHRAGM TYPE, CHROME FINISH, 3/4" TOP ANGLE STOP, ADA COMPLIANT.		
ON K-4325, WALL HUNG, FLUSH VALVE TOILET, WHITE VITREOUS CHINA, ELONGATED BOWL, 1.6 GPF " TOP SPUD, 15" RIM HEIGHT.		
YAL 111-1.6 WATER CLOSET FLUSH VALVE, MANUAL OPERATION, DIAPHRAGM TYPE, CHROME FINISH, VDRIVER ANGLE STOP, ADA COMPLIANT.		
ILET SEAT, INJECTION MOLDED WHITE PLASTIC, OPEN FRONT, ELONGATED BOWL, STAINLESS STEEL		
OR. ADA HEIGHT. /C-1, ADA HEIGHT.		
ILET SEAT, INJECTION MOLDED WHITE PLASTIC, OPEN FRONT, ELONGATED BOWL, STAINLESS STEEL		
GRADE, WALL HUNG WATER CLOSET SUPPORT, STEEL STANCHIONS, IRON WELDED FEET, STEEL OR.		
RY K-4321, FLOOR MOUNTED, FLUSH VALVE TOILET, WHITE VITREOUS CHINA, 1-1/2" TOP SPUD, 2.125" " ROUGH-IN, CHILD HEIGHT.		
YAL 111-1.6 WATER CLOSET FLUSH VALVE, MANUAL OPERATION, DIAPHRAGM TYPE, CHROME FINISH, VDRIVER ANGLE STOP, CHILD HEIGHT.		
EN FRONT TOILET SEAT, INJECTION MOLDED, SCALLOPED HANDHOLD LOCATIONS FOR CHILDREN. DEL 67, EXTERNAL FREEZELESS WALL HYDRANT, AUTOMATIC DRAINING, INTEGRAL VACUUM BREAKER,	PROJECT	
OOSE TEE KEY.	HENRY VILAS ZOO NEW RESTROOM FACILITY 1246 VILAS PARK DRIVE MADISON WISCONSIN	,
EDULE	MADISON, WISCONSIN	I
ETAIL/ HEET DESCRIPTION/REMARKS		

DRAWING SCHEDULES - PLUMBING

DATE 11.29.16



P800

DANE COUNTY

Department of Public Works, Highway & Transportation

SHEET IOFZ

PRE-BID SITE TOUR

	Henry Vilas Zoo New Restroom Facility	RFB#: 316048 12/08/16	
Name	Company	Phone No. +Email	
Jeff Watkins	Monona flumbing and Fire	608-219-1080 JWotkinsa mononaPFP.com	
Jeson Schultz	MPFP	608-220-6900 Jochultze Monons PFP. Com	
Eviz Steinhoff	H.J Pertzborn Plumbing	608-516-5714	
	,	esteinbotto hipertaborn.c.	σM
Vince Laufenberg	Matcee Associates	271-4900	
Unce Law on only		Vincel @ metree associat. com	
Wade Porter	Findorff	516-6436 wporterefindorA.com	
Doug Olsen		268-4324	• •
HH-Plbs Services	AHD163Services	dolsen @ hhplumbing Service	~2
Dan Or	HiH Electric	920-319-6311	
		201+Ehhelectric. con	n
Kim Jones	UP+5	608-588-5470	
		KJones QUPANds. Com	
4		312 859 2066	
Johanna Wersh	ATAS	jwerstertas.com Page & of 22	

SHEETZOFZ

DANE COUNTY

Department of Public Works, Highway & Transportation

PRE-BID SITE TOUR

	Henry Vilas Zoo New Restroom Facility	RFB#: 316048 12/08/16	
Name	Company	Phone No. +Email	
EDENCILER	BASCHMANIN CONST	222-8869 eensterp	
		bechmann (m) tr	- net
PAT	ADVANLED BLOG	209-3848	130(-
BAUDWINS	BC DOJ CORP	209-3848 phaldwine advbldgcorp.com	
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