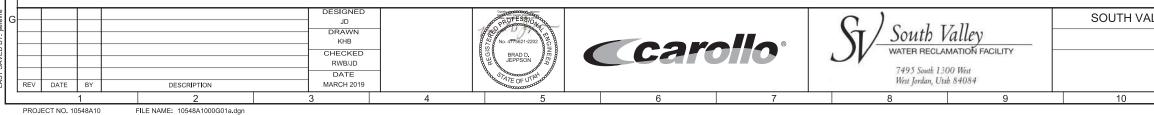


Drawings for the Construction of

PROJECT 5

MARCH 2019

VOLUME 4

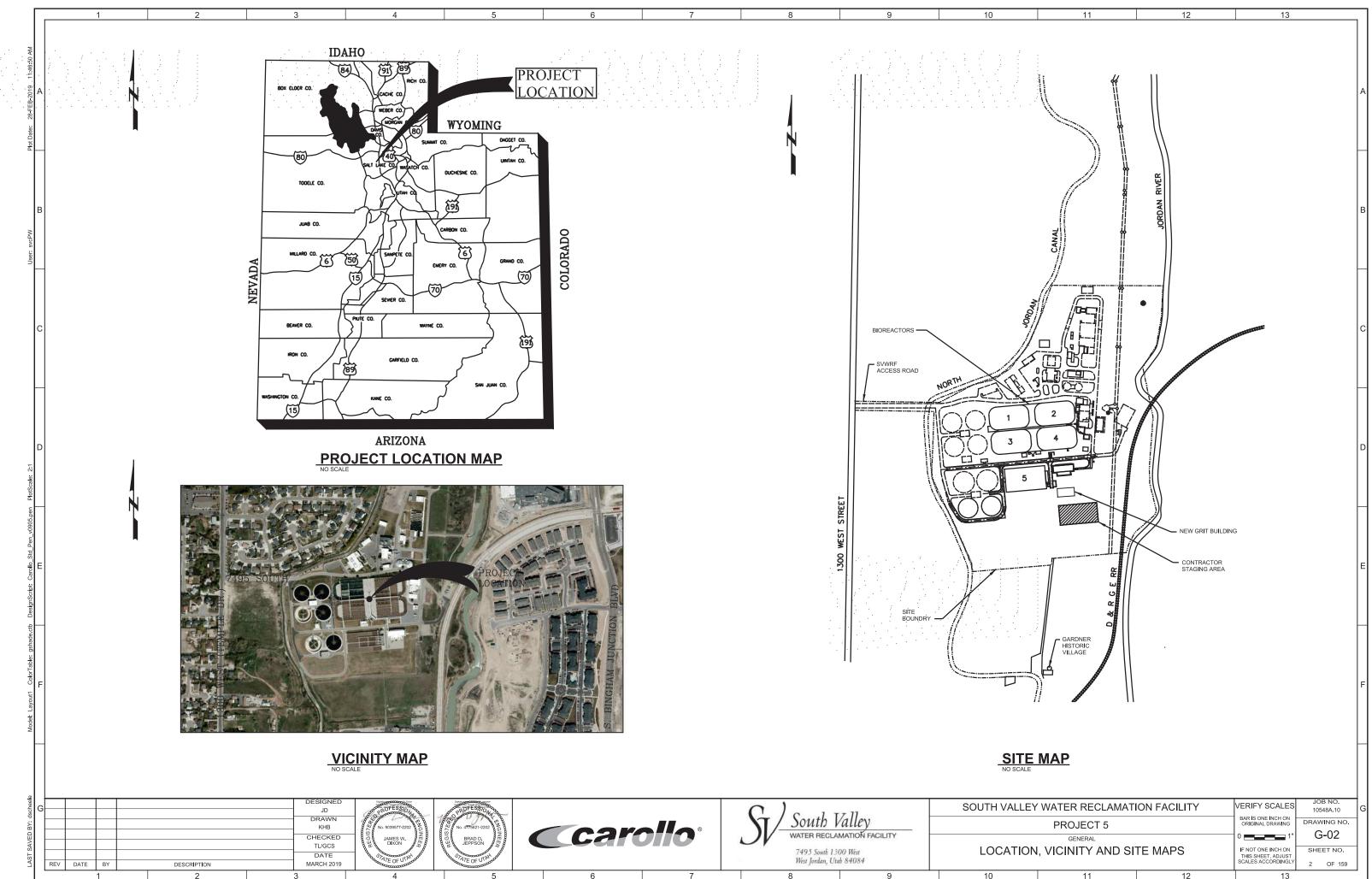


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ALLEY WATER RECLAMAT	VERIFY SCALES	JOB NO. 10548A.10		
PROJECT 5	BAR IS ONE INCH ON ORIGINAL DRAWING	DRAWING NO.		
GENERAL		0 1"	G-01	
COVER SHEET		IF NOT ONE INCH ON THIS SHEET, ADJUST	SHEET NO.	
		SCALES ACCORDINGLY	1 OF 159	
11	12	13		



PROJECT NO. 10548A10

FILE NAME: 10548A1000G02.dgn

| 12

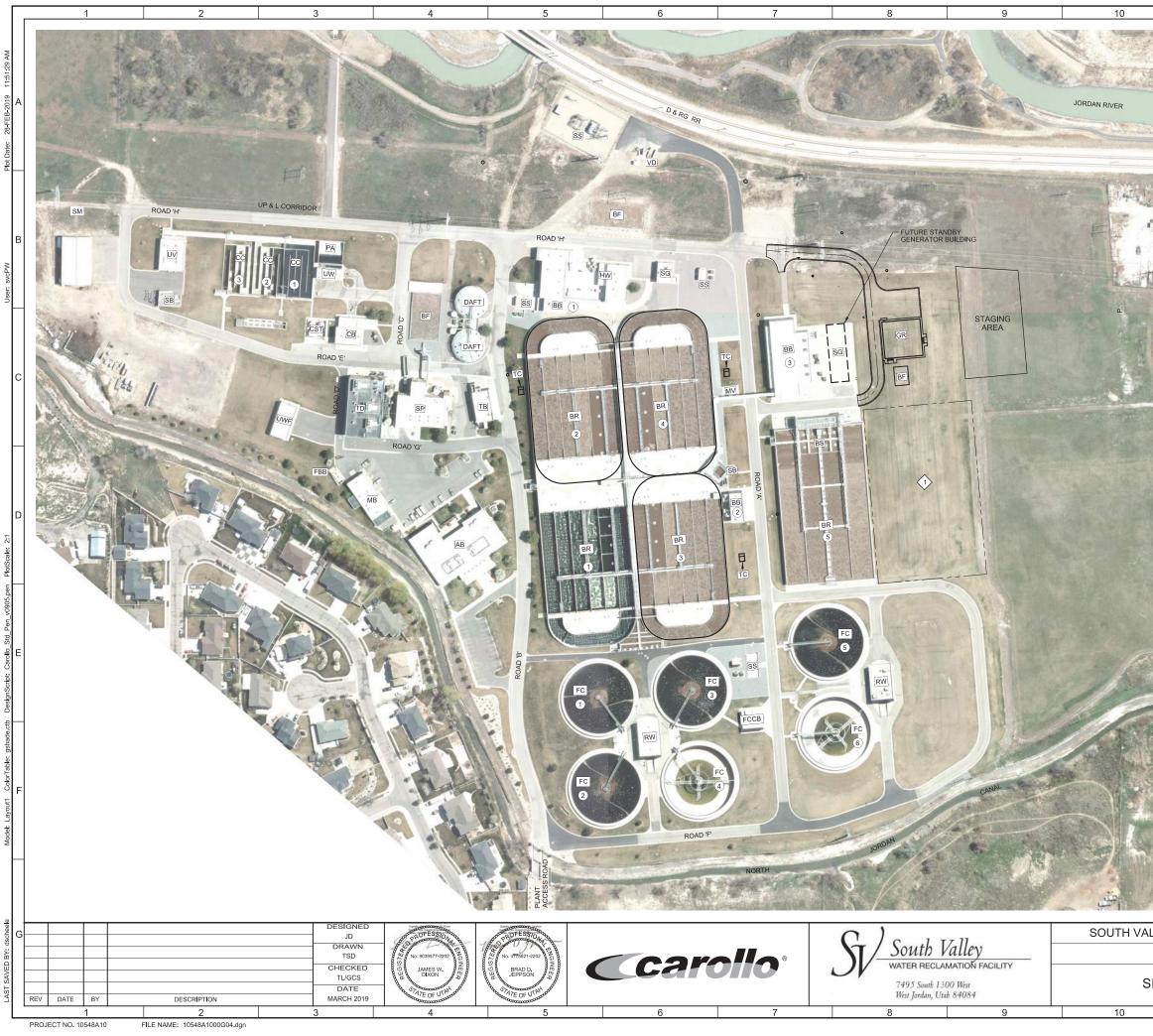
	1		2	3	4	5		6	7	8	9	10
	SHEET NUMBER	DRAWING NUMBER	TITLE			SHEET NUMBER	DRAWING NUMBER	TITLE		_		SHEET NUMBER
AM			GENERAL					ARCHITECTURAL				
11:49:17	4	0.01				54	04.04					100
Ê	1	G-01	COVER SHEET			51	GA-01		ACILITY - BUILDING CODE ANALYSIS	AND SCHEDULES		108
	2	G-02	LOCATION, VICINITY AN	ND SITE MAPS		52	GA-02		ACILITY - EGRESS PLANS			109
δA	3	G-03	SHEET INDEX			53	GA-03	ARCHITECTURAL				110
A A	4	G-04	SITE DEVELOPMENT P			54	GA-04		TYPICAL DETAILS 2			111
Ë I	5	G-05	GENERAL NOTES AND	SYMBOLS		55	GA-05	ARCHITECTURAL				112
51	6	G-06	ABBREVIATIONS			56	GA-06	ARCHITECTURAL				113
iii	/	G-07	DESIGN CRITERIA			57	GA-07	ARCHITECTURAL				114
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Bot	9	G-09	PROCESS FLOW DIAGE	RAM		59	GA-09	ARCHITECTURAL				116
<u>"</u> [-]	10	G-10	PIPE SCHEDULE			60	A21-01		ACILITY - LOWER LEVEL PLAN			117
	11	G-11	EQUIPMENT SCHEDUL	ES		61	A21-02		ACILITY - UPPER LEVEL PLAN			118
						62	A21-03		ACILITY - ROOF PLAN	0.10		119
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	10					64	A21-05	GRIT HANDLING F	ACILITY - SOUTH AND WEST ELEVAT	IONS		121
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	14	GC-03	CIVIL TYPICAL DETAILS									124
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≥	16	GC-SC-12	PAVING AND GRADING			66	GS-02	STRUCTURAL TYP				126
^δ	17	GC-SC-18	PAVING AND GRADING			67	GS-03	STRUCTURAL TYP				127
ŝ	18	GC-SC-19	PAVING AND GRADING			68	GS-04	STRUCTURAL TYP				128
Ise	19	GC-YP-10	YARD PIPING PLAN - AI			69	GS-05	STRUCTURAL TYP				129
ЪЦ	20	GC-YP-11	YARD PIPING PLAN - AI			70	GS-06	STRUCTURAL TYP				130
	21	GC-YP-12	YARD PIPING PLAN - AI			71	GS-07	STRUCTURAL TYP				131
	22	GC-YP-17	YARD PIPING PLAN - AI			72	GS-08	STRUCTURAL TYP				132
	23	GC-YP-18	YARD PIPING PLAN - AI			73	GS-09	STRUCTURAL TYP				133
	24	GC-YP-19	YARD PIPING PLAN - AI			74	S16-01	BIOREACTORS 2-4				134
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	26	GC-YP-26	YARD PIPING PLAN - AI			76	S16-03					136
	27	C-01			OX - PLANS AND SECT	77	S16-04	BIORECATOR NO.				137
	28	C-02	PIPE PROFILES 1 (ABI #			78	S16-05		ECTIONS AND DETAILS 1			138
	29 30	C-03 C-04	PIPE PROFILES 2 - 63"			79	S16-06		ECTIONS AND DETAILS 2			139
			PIPE PROFILES 3 - 63"			80	S16-07		ECTIONS AND DETAILS 3			140
	31	C-05	PIPE PROFILES 4 - 12"			81	S16-08		ECTIONS AND DETAILS 4			141
	32 33	C-06 C-07	PIPE PROFILES 5 - 12"	SD (STORM DRAIN)		82 83	S16-09 S16-10		ECTIONS AND DETAILS 5 ECTIONS AND DETAILS 6			142 143
	34	C-07	SITE SECTIONS 1 SITE SECTIONS 2			84	S16-10 S16-11		ECTIONS AND DETAILS 6			143
Н	35	C-08	PRECAST MANHOLE D			85	S16-12		ECTIONS AND DETAILS 7			144
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	37	C-10	SITE COORDINATES			87	S21-01		ACILITY - BOTTOM PLAN			140
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			DEMOLITION			89	S21-02		ACILITY - UPPER PLAN			140
						90	S21-04		ACILITY - FRAMING PLANS			
	38	D16-01	BIOREACTORS - STRU	CTURAL DEMOLITION PLAN		91	S21-05		ACILITY - SECTIONS AND DETAILS 1			
	39	D16-02		CTURAL DEMOLITION SECTIONS	S AND DETAILS	92	S21-06		ACILITY - SECTIONS AND DETAILS 2			149
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	45	D-OL-BR-4	BR-MCC-3 ELEVATION			98	S21-12		ACILITY - SECTIONS AND DETAILS 8			155
ber	46	D-OL-BR-5	BR-MCC-3 ONE-LINE DI			99	S21-13		ACILITY - SECTIONS AND DETAILS 9			156
905.	47	D-OL-BR-6	BR-MCC-3 ONE-LINE DI			100	S21-14		ACILITY - SECTIONS AND DETAILS 1)		157
ŏ,	48	D-OL-BR-7	BR-MCC-4 ELEVATION			100	S21-15		ACILITY - SECTIONS AND DETAILS 1			158
eu	49	D-OL-BR-8	BR-MCC-4 ONE-LINE DI			102	S21-16		ACILITY - SECTIONS AND DETAILS 1			159
<u>_</u>	50	D-OL-BR-9	BR-MCC-4 ONE-LINE DI			102	S21-17		ACILITY - SECTIONS AND DETAILS 1			
Std						104	S21-18		ACILITY - SECTIONS AND DETAILS 1-			
응 E						105	S21-19		ACILITY - BEAM SECTIONS 1			
Jar						106	S21-20		ACILITY - BEAM SECTIONS 2			
ų į						107	S21-21	BIOFILTER - PLAN				
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ST					DATE	ATE OF UTAL DOOD	ATE OF UTAL DOCT		West Jordan, Utab 84084	
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PROJECT NO. 10548A10	FILE NAME: 10548A1000G03a.dgn

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NUMBER						
	MECHANICAL					
GM-01	LEGEND AND SYMBOL					
GM-02 GM-03	MECAHANICAL TYPICA PIPING TYPICAL DETA					
GM - 04	PIPING TYPICAL DETA					$ ^{} $
GM-05 GM-06	PIPING TYPICAL DETA PIPING TYPICAL DETA					
GM-00 GM-07	PIPING TYPICAL DETA					
GM-08	PIPING TYPICAL DETA					
GM-09 GM-10	PIPING TYPICAL DETA PIPING TYPICAL DETA					
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M16-02 M16-03	BIOREACTORS - OVER	ALL LOWER PLAN CAL ENLARGED LOWER PLA	N			
M16-04	BIOREACTORS - MLR I					
M16-05	BIOREACTORS - MLR					в
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M16-09	BIOREACTORS - SECT					
M16-10 M16-11	BIOREACTORS - SECT BIOREACTORS - SECT					
M21-01		ITY - LOWER LEVEL PLAN				
M21-02	GRIT HANDLING FACIL	ITY - CHANNEL LEVEL PLAN	1			Н
M21-03 M21-04		ITY - UPPER LEVEL PLAN ITY - SECTIONS AND DETAI	151			
M21-04 M21-05		ITY - SECTIONS AND DETAI				
M21-06		ITY - SECTIONS AND DETAI				
M21-07 M21-08		ITY - SECTIONS AND DETAI ITY - SECTIONS AND DETAI				
M21-08 M21-09		ITY - SECTIONS AND DETAI		AGE PLAN	I	C
M21-10	GRIT HANDLING FACIL	ITY - UPPER LEVEL PLUMB	ING AND DRAIN			
M21-11		ITY - PLUMBING AND DRAIN ITY ODOR CONTROL - PRO				
M21-12 M21-13		ITY ODOR CONTROL - LOW				
M21-14		ITY ODOR CONTROL - UPP				
M21-15		ITY ODOR CONTROL - SEC				Н
M21-16 M21-17	BIOFILTER - ODOR CO	ITY ODOR CONTROL - SEC NTROL PLAN	IONS 2			
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M21-19	BIOFILTER - ODOR CO	NTROL SECTIONS AND DET	ALS			
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GH-03 GH-04	HVAC TYPICAL DETAIL					
GH-05	HVAC TYPICAL DETAIL					
GH-06	HVAC TYPICAL DETAIL					
H21-01 H21-02		ITY - LOWER LEVEL PLAN ITY - UPPER LEVEL PLAN				
H21-03	GRIT HANDLING FACIL					
H21-04	GRIT HANDLING FACIL					
H21-05	GRIT HANDLING FACIL	ITY - AIRFLOW SCHEMATIC				
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	WATER RECLAMAT			SCALES	JOB NO.	
	WATER RECLAIMAT			EINCH ON	10548A.10	G
	PROJECT 5		ORIGINAL	. DRAWING	DRAWING NO.	
	GENERAL		0		G-03	
	SHEET INDEX		IF NOT ON	IE INCH ON	SHEET NO.	
			THIS SHE SCALES AC	ET, ADJUST CORDINGLY	3 OF 159	
Г	11	12	<u> </u>	13	5 OF 108	1
	11	12		13		

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	11	12		13	
		200' 1" = 100'			A
	ASH AERC BB BLOW BF BIOFI BR BIORE BS BIOSE CB CHEM CCB CHEM	VISTRATION BUILDING VBIC SLUDGE HOLDING BASIN VER BUILDING LTER EACTOR ELECTOR (IN REACTOR) IICAL BUILDING RINE CONTACT TANK	MV PA RW S SB SB SG SM SP	LEGEND (CONTD) METER VAULT POST AERATION RASWAS PUMPING STATION STORAGE BUILDING SPLITTER BOX STANDBY GENERATOR BUILDING SECONDARY MAINTENANCE BLDG SOLIDS PROCESSING BUILDING	В
At the	FBB FILTE FC FINAL FCCB CLAR GR GRIT UWF UTILIT HW HEAD MB MAINT	R WASTE WASHWATER R BYPASS BOX . CLARIFIER IFIER CHEM BUILDING BUILDING IY WATER FILTERS WORKS TENANCE BUILDING NUMBER	SPS TB TC TD DAFT SS UV UW VD	SLUDGE PUMP STATION THICKENER BUILDING TRENCH DRAIN COLLECTION BOX THERMAL DRYING BUILDING] THICKENER ELECTRICAL SUBSTATION UV DISINFECTION UTILITY WATER PUMPING STA VAULT DUMPING STATION	c

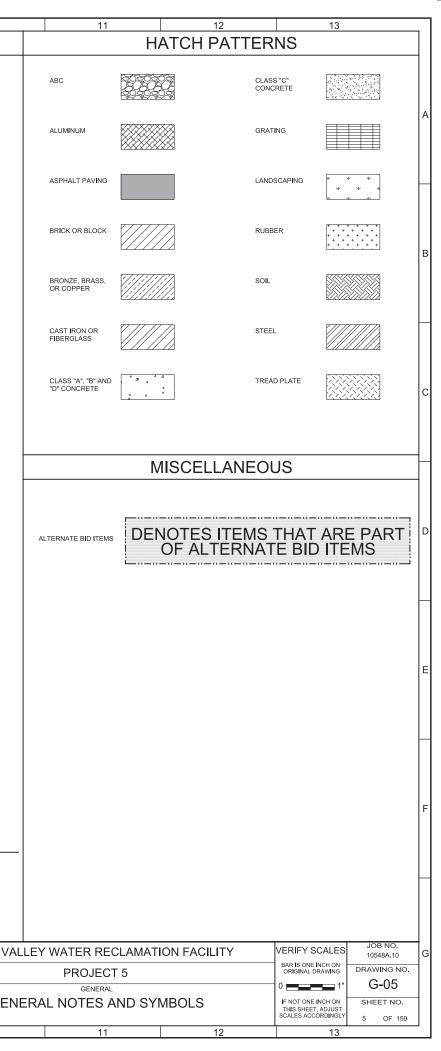
PROJEC
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JECT 5

KEY NOTES: 1 Contractor shall not disturb landscaping or irrigation of the designated area.

11	12	13		
	LAN	IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	SHEET NO. 4 OF 159	
PROJECT 5		BAR IS ONE INCH ON ORIGINAL DRAWING	drawing no. G-04	
ALLEY WATER RECLAMAT	VERIFY SCALES	JOB NO. 10548A.10	G	

	1	GENERAL NOTES FOLLOWING NOTES ARE GENERAL AND APPLY TO ALL SHEETS OF THESE CONTRACT DOCUMENTS AS IF		DETAIL REFERENCES
1:49:18 AM	2.	THEY WERE WRITTEN IN THEIR ENTIRETY ON EACH SHEET. CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE STARTING WORK AND SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL	NEW EXISTING CONSTRUCTION	VIEW
EB-2019 1		EXISTING CONDITIONS INCLUDING LOCATION AND DIMENSIONS OF ALL EXISTING CONSTRUCTION AND UTILITIES. CONTRACTOR SHALL NOTIFY ENGINEER IF THERE IS A CONFLICT BETWEEN THE CONTRACT DOCUMENTS AND EXISTING CONSTRUCTION BEFORE PROCEEDING WITH WORK. UNLESS DETAILED, SPECIFIED, OR OTHERWISE INDICATED ON THE DRAWINGS, CONSTRUCTION SHALL BE	GUARDRAIL	PLANTITLE A PLAN TITLE FILE: FILE PLAN NOT REFERENCED
27-FI	.	AS INDICATED IN THE APPLICABLE TYPICAL DETAILS AND GENERAL NOTES. TYPICAL DETAILS SHALL APPLY EVEN THOUGH NOT REFERENCED AT SPECIFIC LOCATIONS ON DRAWINGS.	FUTURE CONSTRUCTION · · · · · · · · · · ·	VIEW
ot Date:	4.	WHERE NO CONSTRUCTION DETAILS ARE SHOWN OR NOTED FOR ANY PART OF WORK. DETAILS SHALL BE IN THE SAME AS FOR OTHER SIMILAR WORK.	CENTER LINE	SECTION CUT
Ĕ_	5.	CONTRACTOR SHALL COMPLY WITH LOCAL CONSTRUCTION STORM WATER DISCHARGE REGULATIONS AND REQUIREMENTS.	HIDDEN LINE	+= SHOWN ON SAME DRAWING ##X## = SEE INDICATED DRAWING
	6.	PRIOR TO EXCAVATION FOR NEW STRUCTURES, ELECTRICAL CONDUIT, FABRICATION OF NEW PIPING AND/OR OTHER PROPOSED UTILITIES, CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL EXISTING PIPING AND UTILITIES IN THE CONSTRUCTION AREA. THE CONTRACTOR SHALL TEMPORARILY RELOCATE CONFLICTING EXISTING UTILITIES AT TIE -IN/CONNECTION LOCATIONS AND REINSTALL THEM AS REQUIRED TO ELIMINATE THE CONFLICT AT NO ADDITIONAL COST TO THE	GATE	SECTION OR DETAIL SECTION OR DETAIL THTE WI DEFERENCE
E	7.	OWNER. ALL PIPELINES 12" AND LARGER SHALL HAVE A MINIMUM COVER OF 36" UNLESS THE COVER DEPTH IS SPECIFICALLY INDICATED ON THE DRAWINGS. PIPE SMALLER THAN 12" SHALL HAVE A MINIMUM COVER OF 30" UNLESS NOTED OTHERWISE. PIPES SHALL BE ROUTED AS SHOWN UNLESS MINOR REVISIONS	MATCH LINE	TITLE W/ REFERENCE SCALE SCALE FILE: FILE Drawing Cut origination
Jser: svcPM		ARE NECESSARY TO MISS EXISTING PIPES, STRUCTURES, ETC. CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL FITTINGS AND ADAPTERS REQUIRED TO MAKE THE ROUTING CHANGES AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR SHALL INCLUDE COST FOR THIS IN THE BID.		
	8.	EXISTING FACILITY AND UTILITY INFORMATION SHOWN ON THE DRAWINGS WAS OBTAINED FROM AVAILABLE RECORDS OR ELECTRONIC FILES. NETHER THE OWNER NOR ENGINEER ASSUMES ANY RESPONSIBILITY FOR FACILITIES AND UTILITIES NOT SHOWN OR NOT IN THE LOCATION SHOWN. THE CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS, SIZES, MATERIAL TYPES, AND ELEVATIONS SHOWN AROUND OR NEAR AREAS OF NEW CONSTRUCTION PRIOR TO START OF CONSTRUCTION.	SYMBOLS	DETAIL CALL-OUT (ENLARGED)
c	9.	THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT FROM DAMAGE EXISTING FACILITIES AND UTILITIES SHOWN OR NOT SHOWN THAT ARE TO REMAIN IN PLACE. ALL FACILITIES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE EXPEDITIOUSLY REPAIRED OR RECONSTRUCTED TO THE ORIGINAL OR BETTER CONDITION AT THE CONTRACTOR'S EXPENSE WITHOUT ADDITIONAL COMPENSATION.	BRACKET { PIPE CONTINUATION (SINGLE LINE) }	
	10.	CONTRACTOR SHALL MAKE CONNECTIONS TO EXISTING PIPE, EQUIPMENT, ETC. AS REQUIRED AND SHALL PROVIDE ALL FITTINGS, ADAPTERS, AND APPURTENANCES REQUIRED TO MAKE THE CONNECTIONS. PROVIDE ALL SUPPORTS REQUIRED FOR A RIGIDLY SUPPORTED COMPLETE AND WORKING SYSTEM.	BREAK LINE	VIEW ##X## SEE INDICATED
	11.	ADJUST ALL VALVE BOXES, VAULTS, PULL BOXES, AND MANHOLES TO FINISHED GRADE UNLESS OTHER- WISE SHOWN OR DIRECTED. MANHOLES IN OPEN FIELDS SHALL BE SET TWELVE INCHES ABOVE FINISHED GRADE AND VAULTS SHALL BE SIX INCHES ABOVE FINISHED GRADE.	PIPE BREAK PLAN VIEW	AREA DESIGNATOR DRAWING (WHEN APPLICABLE) DISCIPLINE DESIGNATOR
	12.	THE CONTRACTOR SHALL CONTACT THE OWNER FOR QUESTIONS OR COORDINATION OF CONSTRUCTION RELATED TO EXISTING UTILITIES.		DRAWING REFERENCE ##X##
	13.	CONTRACTOR SHALL VERIFY THAT PIPING SHOWN TO BE ABANDONED OR AS ABANDONED PREVIOUSLY IS NO LONGER IN SERVICE. LINES IN SERVICE SHALL BE MAINTAINED UNTIL NO LONGER REQUIRED BY THE PLANT.	CROSS SECTION ELEVATION TOC XXXX.XX	CONSECUTIVE SHEET NUMBER
-) 14.	ALL EXISTING PIPES THAT ARE TO BE ABANDONED IN PLACE OR REMOVED MAY NOT BE SHOWN. WHERE PIPING IS TO BE ABANDONED AND MUST REMAIN IN SERVICE UNTIL COMPLETION OF OTHER PHASES OF WORK, AND IT CONFLICTS WITH NEW PIPING, TEMPORARILY RELOCATE PIPING AS REQUIRED TO MAINTAIN SERVICE BY THE PLANT.	SCALE 0 50' 100' 200'	TYPICAL DETAIL #
PlotScale: 2:	15.	CONTRACTOR SHALL REROUTE THE EXISTING PIPING IF REQUIRED TO MISS THE PROPOSED STRUCTURES. THE EXISTING PIPE SHALL REMAIN IN SERVICE UNTIL NEW PIPING IS READY TO BE PLACED INTO SERVICE. DOWNTIME SHALL BE A MAXIMUM OF 2 HOURS, UNLESS SPECIFIED OR SHOWN OTHERWISE. ALL SIDEWALKS TO BE 3'-0" WIDE UNLESS SHOWN OTHERWISE.	HUNORTH	REFERENCE TYP
v0905.pen	-	THE CONTRACTOR SHALL TAKE SPECIAL PRECAUTIONS IN THE VICINITY OF ANY OVERHEAD ELECTRIC LINES. CONTRACTOR SHALL ABDE BY THE NATIONAL ELECTRIC CODE AND ANY REQUIREMENT BY THE OWNER OF THE ELECTRIC LINES.	NORTH ARROW/PLANT NORTH	^
o Std Pen	18. 19.	PROVIDE ALL SHEETING/SHORING REQUIRED TO PROTECT EXISTING STRUCTURES, PIPES AND FACILITIES. CONTRACTOR SHALL VERIFY LOCATION OF ALL ARCHITECTURAL, MECHANICAL, AND ELECTRICAL ITEMS BEFORE PLACING ANY STRUCTURAL STEEL OR CONCRETE. ALSO, STRUCTURAL DIMENSIONS AND OPENINGS CONTROLLED BY ARCHITECTURAL, MECHANICAL, OR ELECTRICAL EQUIPMENT SHALL BE	PLANT	EXTERIOR ELEVATION
Script: Caroll	20.	VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. MECHANICAL AND ELECTRICAL EQUIPMENT SUPPORTS, ANCHORAGES, OPENINGS, RECESSES, AND REVEALS NOT SHOWN ON THE STRUCTURAL DRAWINGS, THAT ARE REQUIRED BY OTHER CONTRACT DRAWINGS, SHALL BE PROVIDED PRIOR TO CASTING CONCRETE.	EQUIPMENT/DEVICE [XXX-XX-XXX] TAG AND NUMBER EQUIPMENT EX-EQUIP = EXISTING EQUIPMENT EF-EQUIP = FUTURE EQUIPMENT	PHOTO LOCATION + ARROW INDICATES POINT OF VIEW
tb Design	21.	CONTRACTOR SHALL COORDINATE ANY PROPOSED TEMPORARY RELOCATION OF EXISTING EQUIPMENT IN THE BIOREACTORS WITH THE OWNER AND ENGINEER PRIOR TO REMOVAL. NO EQUIPMENT SHALL BE REMOVED WITHOUT APPROVAL FROM THE OWNER AND ENGINEER.	PIPE TAG	
able: gshade.c			SIZE FLOW STREAM EX-SIZE FLOW STREAM = EXISTING EF-SIZE FLOW STREAM = FUTURE	GRID BUBBLE
Color	=		Call before you Dig Avoid cutting underground utility lines, It's costy.	-TYPICAL DETAIL NUMBER
Layout1				
Model:			UNDERGROUND/ Call before you	? LINE 1* TYP LINE 2
			WARNING (STATE/REGION SPECIFIC) OR OVERHEAD	MOD MODIFICATION NOTE S = STANDARD J = JOB SPECIFIC R = REVISED N = NOTE TO TYPICAL DETAIL USER SHEETS IN DETAIL VER DATE DATE CREATED (REVISED) N = NOTE TO TYPICAL DETAIL USER
			1-800-227-2600 1-888-221-7070	
jlefevre		DESIGNED JD DRAWN	OPESSION COPESSION	G) South Valley South
SAVED BY:				SV_South Valley WATER RECLAMATION FACILITY
LAST S	REV	DATE 44 (1)	Theore UTM and An Arte or UTM and	7495 South 1300 West West Jordan, Utab 84084
L	PRC	1 2 3 JECT NO. 10548A10 FILE NAME: 10548A1000G05.dgn	4 5 6 7	8 9 10



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@	AT (MEASUREMENT) C	CT CURRENT TRANSFORMER, CERAMIC TILE	FOB	FLAT ON BOTTOM	MAX MB	MAXIMUM MACHINE BOLT	REINF	REINFORCE(D)(ING)(MENT)	TOG TOP OF GRATIN	IG	13
	NUMBER (REBAR Ø) C	CTJ CONTROL JOINT CTL CONTROL CTR CENTER. CENTERED	FOT FPM FPP	FLAT ON TOP FEET PER MINUTE FLEXIBLE PLASTIC PIPE	MBH MC	THOUSAND BTUS PER HOUR MECHANICAL COUPLING	REJ REQD RER	RUBBER EXPANSION JOINT REQUIRED REACTOR	TOM TOP OF MASON TOS TOP OF STEEL T.O.W. TOP OF WALL	RY	
	ANCHOR BOLT C	CTR CENTER, CENTERED CTSK COUNTERSUNK CU CUBIC	FRP FRPP	FIBERGLASS REINFORCED PLASTIC FIBERGLASS REINFORCED PLASTIC PIPE	MCJ MD MECH	MASONRY CONTROL JOINT MOTORIZED DAMPER	RER RES REV	RESERVOIR REVISION, REVERSE	TR TRIAD (THREE)	CONDUCTOR SHIELDED CABLE), TIM	ING RELAY
4. ABS E ABI	ACRYLONITRILE BUTADIENE STYRENE C ADDITIVE BID ITEM	CUP COPPER PIPE CV CHECK VALVE CW COLD WATER	FRS FS FSTN	FROTH SPRAY FAR SIDE FASTEN(ED)	MECH MET MFR	MECHANICAL METAL MANUFACTURER	RF RG RH	RETURN FAN RETURN GRILLE RUBBER GASKET RIGHT HAND	TS THICKENER SU TSD THICKENED SLI TSPL TURBIDIMETER		
		CWV COMBINATION WASTE AND VENT	FT or ' FTG	FOOT, FÈEÍ FOOTING	MG/L MGD	MILLIGRAMS PER LITER MILLION GALLONS PER DAY	RHR RHRA	RIGHT HAND REVERSE RIGHT HAND REVERSE ACTIVE	TSTAT THERMOSTAT TTB TELEPHONE TE	RMINAL BOARD	A
ACP ACU	ASBESTOS CEMENT PIPE AIR CONDITIONING UNIT	D DEPTH, DIGITAL OR DISCRETE, DRAIN	FUP FV FW	FUEL DISPENSER FLAP VALVE FLUSHING WATER	MH MIN MISC	MANHOLE MINIMUM MISCELLANEOUS	RHRB RLS RM	RIGHT HAND REVERSE BEVEL REGISTERED LAND SURVEYOR ROOM	TUR TURBINE TV TURNING VANE TWV THREE-WAY VA		
-LZ AD ADDL ADJ	ADDITIONAL D	DW DRIVEWAY DBL DOUBLE DDR DESICCANT DRYER	FX FXC	FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET	MIX MJ	MIXER MECHANICAL JOINT	RO ROT	ROUGH OPENING ROTAMETER	TYP TYPICAL		
ADA Date Date Date Date Date Date Date Date	ADMINISTRATION D	DEG or ° DEGREE DEMO DEMOLISH, DEMOLITION	FXE	FIRE EXTINGUISHER - ELECTRICAL	MK ML MO	MARK MIXED LIQUOR MASONRY OPENING	RP RPM RPMP	RADIUS POINT REVOLUTIONS PER MINUTE REINFORCED PLASTIC MORTAR PIPE	UC UNDERCUT UG UNDERGROUN)	
AER	AERAT(ION)(OR) D	DET DETAIL DFL DECANT/FILTRATE	G _G	GAS, GROUND, GUTTER GAUGE or GAGE	MOD MOIST	MODIFIED MOISTURE	RR RSR	RETURN REGISTER RISER	UHMW ULTRA HIGH MO	DLECULAR WEIGHT POLYETHYLENE	-
AFC AFF AFM	ABOVE FINISHED FLOOR D	DG DOOR GRILLE DIA or Ø DIAMETER DIAG DIAGONAL	GAL GALV GAV	GALLONS GALVANIZE(D) GRAVITY VENTILATOR	MON MOS MPM	MONUMENT MOISTURE SEPARATOR METERING PUMP	RT RTF RTU	RIGHT ROTARY FEEDER ROOF TOP UNIT	UNO UNLESS NOTEE US UTILITY SINK	OTHERWISE	
AHU AIC	AIR HANDLING UNIT D AIR COMPRESSOR D	DIF DIFFUSER DIG DIGESTER	GB GBT	GRADE BREAK GRAVITY BELT THICKENER	MS MTD	MOP SINK MOUNTED	RUD RW	RUOF TOP UNIT RUPTURE DISK RECLAIMED WATER, REUSE WATER	V VALVE VAR VARIES		
AIL ALT AI	ALTERNATE D	DIM DIMENSION DIP DUCTILE IRON PIPE DISCH DISCHARGE	GC GEL GEN	GROOVED COUPLING GRAVITY EXHAUST LOUVER GENERAL, GENERATOR	N N	NORTH. NEUTRAL	RWR RWW	RECLAIMED WATER RETURN RAW WASTEWATER	VB VALVE BOX VCP VITRIFIED CLAY		
B ANCH ANV	ANCHOR D ANGLE VALVE D	DIW DEIONIZED WATER DL DEAD LOAD, DRAIN LINE	GL GLV	GLASS GLOBE VALVE	NA NC	NORMALLY CLOSED	S s/w	SIDEWALK	VEC VINYL ESTER C VERT VERTICAL VFR VOLUMETRIC F		В
APPROX ARCH ARV	ARCHITECTURAL D	DLV DOOR LOUVER DMP DAMPER DMS DIAPHRAGM SEAL	GM GND GPD	GAS METER GROUND GALLONS PER DAY	NEV NG NIC	VALVE, NEEDLE NATURAL GRADE, NATURAL OR LP GAS NOT IN CONTRACT	S SA SC	SOUTH, SWITCH, SLOPE SAMPLE SECONDARY CLARIFIER	VG VACUUM GAUG VOL VOLUME	E, VALLEY GUTTER	
ASSY ASTM	ASSEMBLY D AMERICAN SOCIETY FOR TESTING AND MATERIALS do	DN DOWN	GPM GR	GALLONS PER MINUTE GRADE	NO NO., #	NORMALLY OPEN NUMBER	SCB SCD	SCRUBBER SMOKE CONTROL DAMPER	VRV VACUUM REGU VTR VENT THROUG		
	ACID VENT D AVERAGE D AIR AND VACUUM VALVE D	DP DEEP (OR DEPTH)	GRTG GRV GSP	GRATING GRAVITY VENTILATOR CALVANIZED STEEL DIDE	NOM NPT NPW	NOMINAL NATIONAL PIPE THREAD NON-POTABLE WATER	SCFM SCH	STANDARD CUBIC FEET PER MINUTE	meet, meth		
	ACID WASTE D	DR DOOR, DRAIN DRT DRIP TRAP	GSP GV GYP	GALVANIZED STEEL PIPE GATE VALVE GYPSUM	NS NTS	NEAR SIDE NOT TO SCALE	SCO SCR SCR	SURFACE CLEANOUT BAR SCREEN SILICON CONTROL RECTIFIER	W/ WITH W/O WITHOUT WAS WASTE ACTIVA	TED SLUDGE	
Ввс		DRV DRAIN VALVE DS DIGESTED SLUDGE, DOWN SPOUT DSW DISTILLED WATER, DOOR SWITCH	Нн	EXPLOSION-PROOF, HIGH, HORIZONTAL	Ο。	OPEN	SD	SMOKE DETECTOR, SPLITTER DAMPER, STORM DRAIN SUMP DISCHARGE DRAIN LINE	WC WATER COLUM WCO WALL CLEANOU	N JT	
BCKR BCM	BACKER BOARD D BATCHMETER D	DSW DISTILLED WATER, DOOR SWITCH DUC DUST COLLECTOR DUH DUCT HEATER UNIT	H1E H2E	HOOK ONE END HOOK TWO ENDS	OBD OC OD	OPPOSED BLADE DAMPER ON CENTER	SDL SDO SE	SUMP DISCHARGE DRAIN LINE SLUDGE DRAWOFF SECONDARY EFFLUENT	WEF WALL EXHAUST WF WALL FITTING, WH WATER HEATER	WASH FOUNTAIN	
BD BDD BDR	BOARD D BACKDRAFT DAMPER D	DW DISTILLED WATER DWD DEWATERING DRAIN	HAS HB HDPE	HEADED ANCHOR STUD HOSE BIBB HIGH DENSITY POLYEHTYLENE	OD OED O.F.	OUTSIDE DIAMETER, OUTSIDE DIMENSION OPEN EQUIPMENT DRAIN OUTSIDE FACE	SE SEC SECT	SECONDARY, SECOND SECTION	WI WEIGHT INDICA WL WALL LOUVER,	TOR WATER LEVEL	
BF BFG	BLIND FLANGE D BELOW FINISHED GRADE D	DWG(S) DRAWING(S) DWL(S) DOWEL(S)	HDW HDWL HEF	HARDWARE HEADWALL HOOD EXHAUST FAN	OFL OPNG	OVERFLOW OPENING	SED SEP SF	SEDIMENTATION SEPTAGE SUPPLY FAN	WM WATER METER WOD WASTE OIL DR/ WP WEATHERPRO		
BFP BFV BG	BELT FILTER PRESS BUTTERFLY VALVE BREAK GLASS HAND SWITCH	E EAST EA EACH	HEF HGT HOR I Z	HOOD EXHAUST FAN HEIGHT HORIZONTAL	OPP OPP HND OZ	OPPOSITE OPPOSITE HAND OUNCE	SFW SG	SOFTENED WATER SUPPLY GRILLE	WPT WORKING POIN WRG WEIR GATE	T	
BKW BLDG	BACKWASH E BUILDING E	EC END OF CURVE ECC RED ECCENTRIC REDUCER	HP HPA	HEAT PUMP, HORSEPOWER, HIGH PRESSUR HIGH PRESSURE AIR		POLE	SGS SHD SHDR	STORE FRONT GLAZING SYSTEM SHOWER DRAIN SOLIDS HANDLING-RECYCLE	WRS WATER SOFTEI WS WATER SURFA WSTP WATERSTOP		
BLK BLKHD BLR		ECU EVAPORATOR COOLING UNIT ED EQUIPMENT DRAIN EF EXHAUST FAN, EACH FACE	HPT HPU HR	HIGH POINT HEAT PUMP UNIT AIR HANDRAIL, HOSE REEL, HOUR	PBL PC	POLYMER BLENDER POINT OF CURVATURE	SHR SHT	SHOWER SHEET	WT WALK THROUG WTF WATER TREAT	IENT FACILITY	
BM BOTT	BEAM, BENCH MARK EI	EFF EFFLUENT EG EXHAUST GRILLE	HSF HSS	HOOD SUPPLY FAN HOLLOW STRUCTURAL SECTION (STEEL)	PCC PCCP PCP	PLANT CONTROL CENTER PRESTRESSED CONCRETE CYLINDER PIPE PROGRESSIVE CAVITY PUMP	SIM SK	SIMILAR SKIMMINGS SLOPE, SLUDGE	WTP WATER TREAT WTR WATER WV WATER CONTR		
BOTTS BPV BRG	BACK PRESSURE VALVE E	EIFS EXTERIOR INSULATION AND FINISH SYSTEM EJ EXPANSION JOINT EJR INJECTOR/EDUCTOR	HTX HV HW	HEAT EXCHANGER HOSE VALVE HOT WATER	PD PD, PLD	POSITIVE DISPLACEMENT, PLANT DRAIN PULSATION DAMPENER	SLC SLG	SLUDGE COLLECTOR DRIVE SLIDE GATE	WW WASTEWATER WWF WELDED WIRE	FABRIC	
BSP BTU	BLACK STEEL PIPE EI BRITISH THERMAL UNITS EI		HWL HWR	HIGH WATER LEVEL HOT WATER RETURN	PDP PE PERP	POSITIVE DISPLACEMENT PUMP PLAIN END PERPENDICULAR	SLV SMP SN	SLEEVE VALVE SAMPLER, SUMP PUMP SUPERNATANT OR SUBNATANT		TREATMENT FACILITY TREATMENT PLANT	
D BTWN BV	BALL VALVE E	ELL ELBOW EMBED EMBEDMENT	HWS HxW HYD	HOT WATER SUPPLY HEIGHT BY WIDTH HYDRANT	PG PH	PRESSURE GAUGE PHASE, PHYSICALLY HANDICAPPED	SOL SP	SOLUTION STATIC PRESSURE, SET POINT	Y WYE		D
	CLOSE, CONDUIT CHANNEL (STRUCTURAL)	EMH ELECTRICAL MANHOLE EP EDGE OF PAVEMENT EPS EXPANDED POLYSTYRENE		INSTRUMENT AIR	PI PIV	POINT OF INTERSECTION POST INDICATOR VALVE PLATE, PROPERTY LINE	SPD SPDT SPEC(S)	SUMP PUMP DRAIN SINGLE POLE DOUBLE THROW SPECIFICATION(S)	YCO YARD CLEANOU YH YARD HYDRAN		
CA <u>ai</u> R CAUSTIC CB	CONCRETE ANCHOR CAUSTIC SOLUTION (CONCENTRATED OR DILUTE)	EPV ECCENTRIC PLUG VALVE EQ EQUAL	ID I.F.	INSTRUMENT AIR INSIDE DIAMETER, INSIDE DIMENSION, IDEN' INSIDE FACE	TIFICATION PLAS PLCS	PLATE, PROPERTY LINE PLASTIC PLACES	SPL SPR	SPECIFICATION(S) SPLITTER BOX SPARE			
ородина ССВ ССВ	CENTER OF CURVATURE, CENTER TO CENTER EL CHLORINE CONTACT BASIN	EQUIP EQUIPMENT ER EXHAUST REGISTER ES EACH SIDE	IN or " INCL	INCHES INCLUDE, INCLUDING	PLG PLS	PLUG VALVE POLYMER SOLUTION	SPS SPW	SAMPLE SINK SAMPLE WATER			
	CEILING DIFFUSER, CONDENSATE DRAIN E CHEMICAL DRAIN LINE E	ESEW EMERGENCY SHOWER AND EYE WASH ESS EMERGENCY HAND SWITCH	INF INJ INSTR	INFLUENT INJECTOR INSTRUMENTATION	PLWD PMP	PLYWOOD PUMP	SQ SQ FT SQ IN(S)	SQUARE SQUARE FEET SQUARE INCH(ES)			-
SO CEF CF	CEILING EXHAUST FAN	ET ELECTRICALLY HEAT TRACED EUH ELECTRIC UNIT HEATER EVR EVAPORATOR	INSUL INT	INSULAT(E)(ED)(ING)(ION) INTERIOR	PNL(S) POL POLY	PANEL(S) POLYMER POLYETHYLENE	SR SRL	SHORT RADIUS, SUPPLY REGISTER SCRUBBER RECIRCULATION LIQUID (CAUSTIC)			
	CUBIC FEET PER SECOND	EW EACH WAY EWC ELECTRIC WATER COOLER	INV IP ISR	INVERT IRON PIPE INTRINSICALLY SAFE RELAY	POS POW	POSITION POTABLE WATER	SS SSK SSL	SANITARY SEWER, SELECTOR SWITCH SERVICE SINK SECONDARY SLUDGE			
B CHEMD CHF CHKD PL	CHEMICAL FEEDER	EWEF EACH WAY EACH FACE EWH ELECTRIC WATER HEATER, EXHAUST EX EXISTING	J _{JST}	JOIST	PP PPMV PRC	POWER POLE PARTS PER MILLION (VOLUME) POINT OF REVERSE CURVATURE	SST ST	STAINLESS STEEL SLUDGE TRANSFER			
	CAST IRON EL CAST IRON PIPE EL CIDECIMEEDENTIAL/CIDECIMEEDENCE EL	EXIST EXISTING EXP EXPANSION, EXPANSION TANK	JT	JOINT	PREFAB PRG	PREFABRICATED PRESSURE REGULATOR	STA STB STD(S)	STATION STABILIZER STANDARDS(S)			E
	CONSTRUCTION LODUT	EXPO EXPOSED EXT EXTERIOR	K KGV	KNIFE GATE VALVE	PRI PROJ PRR	PRIMARY PROJECTION PRESSURE OR VACUUM RELIEF VALVE	STIFF STIR	STIFFENER STIRRUPS			
CKB CKF		ACT FACTORY		ANGLE (STRUCTURAL), LENGTH, LOUVER LABORATORY	PRV	PRESSURE REDUCING VALVE, PRESSURE REGULATION VALVE, PRESSURE RELIEF VALVE	STL STM STP	STEEL STEAM STEEL PIPE			
	CENTER LINE FI	FAD FOUL AIR DUCT FB FLAT BAR FBW FILTER BACKWASH	LAV LB(S)	LAVATORY POUND(S)	PS PSF PSG	PUMP STATION, PIPE SUPPORT POUNDS PER SQUARE FOOT PRESSURE GAUGE	STR STRUCT	STRAINER STRUCTURAL			
ft CLD CLL CLP	CHLORINE LEAK DETECTOR FI CHLORINE LIQUID FI	FBV FURNISHED BY VENDOR FC FACE OF CURB, FLEXIBLE COUPLING		LIQUID DIÈSEL FUEL LIQUID DIESEL FUEL RETURN LINEAL FEET	PSI PSIG	POUNDS PER SQUARE INCH POUNDS PER SQUARE INCH GAUGE	SUG SUPT SV	SLUICE GATE PIPE SUPPORT, SUPPORT SERVICE VALVE, SHUTOFF VALVE, SOLENOID VALVE			
SE CLR CLS	CLEAR FO CHLORINE SOLUTION FO	FCO FLOOR CLEANOUT FCU FAN COIL UNIT	LG LH	LONG LEFT HAND	PT PV PVC	POINT, POINT OF TANGENCY PLUG VALVE POINT OF VERTICAL CURVATURE, POLYVINYL	SW SWR	SANITARY WASTE SEAL WATER			
e CLSM	CONTROLLED LOW STRENGTH MATERIAL FI CHLORINE GAS (VACUUM) FI	FD FIRE DAMPER, FLOOR DRAIN, FOUND FDC FIRE DEPARTMENT CONNECTION	LHR LHRA LHRB	LEFT HAND REVERSE LEFT HAND REVERSE ACTIVE LEFT HAND REVERSE BEVEL	PVDF	CHLORIDE POLYVINYLIDENEFLUORIDE	SYM SYN	SYMMETRICAL SYNTHETIC			
	CEMENT MORTAR LINED AND COATED FI	FOL FLOOR DRAIN LINE FDR FEEDER FEFF FINAL EFFLUENT	LL LLH	LIVE LOAD LONG LEG HORIZONTAL	PVI PVMT PVT	POINT OF VERTICAL INTERSECTION PAVEMENT POINT OF VERTICAL TANGENCY	T T	TANGENT LENGTH, THERMOSTAT, TIMER			_F
CMU CMU	CONCRETE MASONRY UNIT FO	FG FLAP GATE FH FIRE HYDRANT	LLV LP LPA	LONG LEG VERTICAL LOW PRESSURE LOW PRESSURE AIR	PLW	PLANT WATER	T&B TAS TBM	TOP AND BOTTOM THREADED ANCHOR STUD TEMPORARY BENCHMARK			.
CO COL(S) He CONC	COLUMN(S) FI CONCRETE FI	FILT FILTRATE FIN FINISH FIN FL FINISHED FLOOR	LPG LPT	LIQUIFIED PROPANE GAS LOW POINT		QUANTITY	TC TCV	TOP OF CURB TEMPERATURE CONTROL VALVE			
CONN E CONST	CONNECT, CONNECTION FI CONSTRUCTION FI	FIN GR FINISHED GRADE FL FLOOR, FLOW LINE, FLANGE	LR LS LT	LONG RADIUS LAB SINK LEFT	R_{RAD}	RIGHT OF WAY RADIUS, RADIAL	TDH TDR TEL	TOTAL DYNAMIC HEAD TIME DELAY RELAY, TOWEL DISPENSER/RECEPTACLE TELEPHONE			
CONT CORR CP	CORRUGATE(D), CORROSION FI	FLA FOUL AIR FLD FILTER DRAIN FLE FILTER EFFLUENT	LWL	LOW WATER LEVEL	RAS RCP	RETURN ACTIVATED SLUDGE REINFORCED CONCRETE PIPE	TH THK	TEST HOLE THICKENER, THICKNESS, THICK			
CPLG CPT	COUPLING FI CARPET FI	FLEX FLEXIBLE FLG FLANGE, OR FLANGED	M M MAINT	MOTOR MAINTENANCE	RD RDL RDOF	ROOF DRAIN ROOF DRAIN LINE ROOF DRAIN OVERFLOW	TKS TLV TMH	THICKENED SLUDGE TELESCOPING VALVE TELEPHONE MANHOLE			
CPVC CS CSP	CARBON STEEL, CIRCULATING SLUDGE FI	ELR FILTER FM FORCE MAIN FND FOUNDATION	MAN MASY MATL	MANUAL MASONRY MATERIAL	RECIRC RED	RECIRCULATING REDUCER, ROOF EQUIPMENT DRAIN	TMP TNK	TEMPERATURE TANK			
	FILMINAL SOME FOWE, CONNOGATED STELL FILL		MATL	MATERIAL MAKE-UP AIR UNIT	REF REG	REFERENCE REGULATOR, REGULATING	T.O. TOC	TOP OF TOP OF CONCRETE			
G		JD JD 207ESS (Market	PROFESSION	3		$\left(\right) $		SOUTH VALLEY WATER	R RECLAMATION FA		10548A.10
		DRAWN TLR No. 9039577-2202	No. 4775621-2202			South Valle	1	_ PRC	JECT 5	BAR IS ONE ORIGINAL D	DRAWING NO.
SAVED			BRAD D. JEPPSON	Car						0	
	BY DESCRIPTION	DATE MARCH 2019	AND UNATE OF UTAT			7495 South 1300 West West Jordan, Utab 8408		ABBRE	VIATIONS	IF NOT ONE THIS SHEET SCALES ACC	T, ADJUST
	1 2	3 4	5	6	7	8	9	10	11	12	13
PROJECT NO. 10	548A10 FILE NAME: 10548A1000G06.dgn										

1	2	3	4	5	6	7	8	9	10

VALUE

40 66

DRY PIT SUBMERSIBLE 6 18.3 62 250 VFD

MULTI-TRAY VORTEX 2+1 BID ALT 12

12

22.5

36

RECESSED IMPELLER 4 + 2 BID ALT 1+1 300 26.5 7.5 UKED

FIXED

INVERTED CONE-SHAPED VORTEX CHAMBER WITH SCREW CONVEYOR

2+1 BID ALT 1.5 300 3

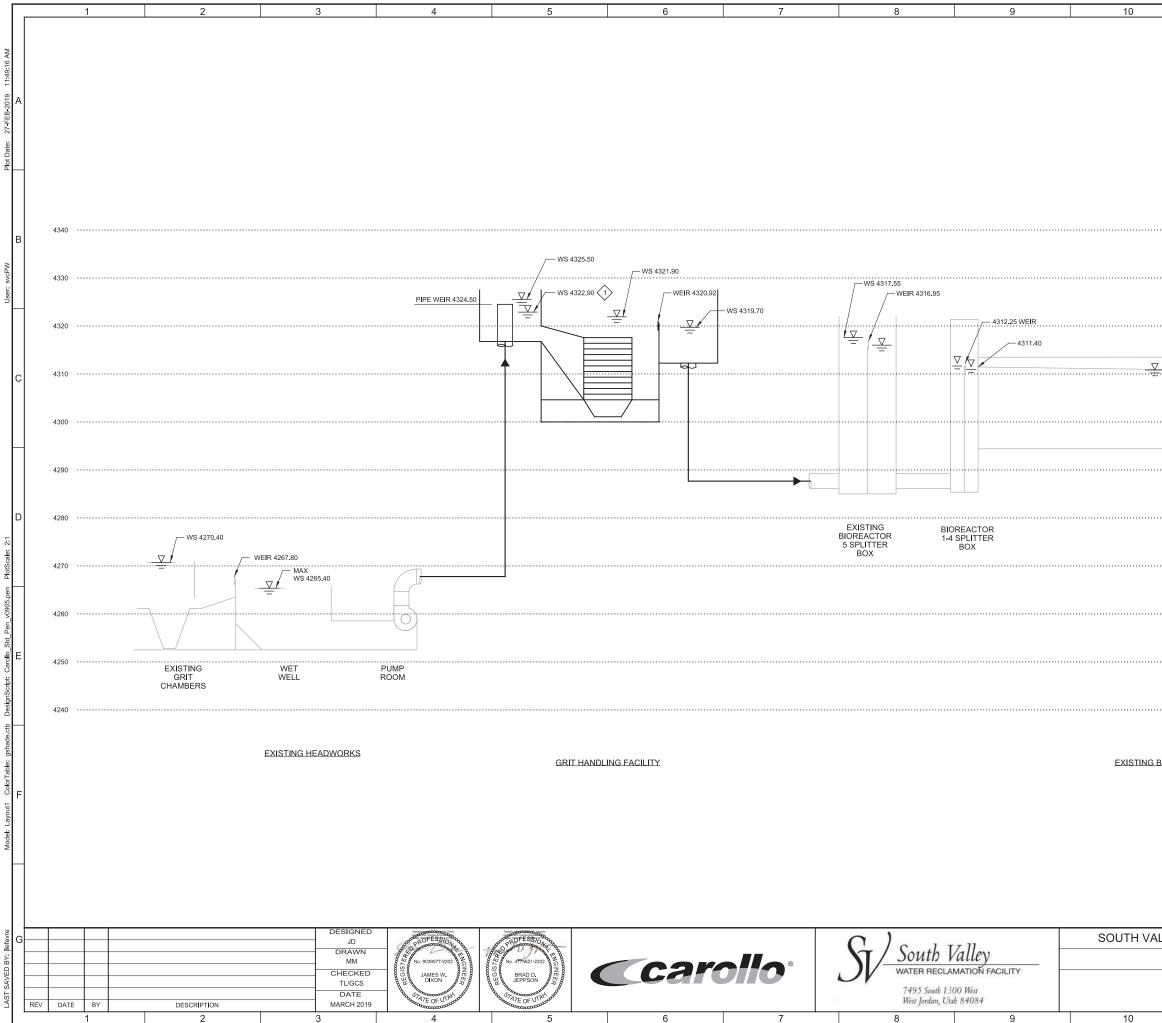
8' x 11' x 6' H 15 CY ROLL-OFF BIN 2

DESCRIPTION	UNITS	VALUE	DESCRIPTION	U
GENERAL			GENERAL	
DESIGN FLOWS			DESIGN FLOWS	
ANNUAL AVERAGE	MGD	48	DESIGN FLOW	M
MAX MONTH FLOW	MGD	50	MAX HYDRAULIC THROUGHPUT FLOW	M
PEAK HOUR FLOW	MGD	77		
FEAR HOUR FLOW	MGD	11	EXISTING INFLUENT PUMP STATION	
INFLUENT CHARACTERISTICS (MAX MONTH)			EXISTING INFLUENT PUMPS	
BOD	PPD	97,000	TYPE	
TSS	PPD	111,000	NUMBER	
NH3	PPD	12,000	CAPACITY - EA	M
TP	PPD	2,300		
	FFD	2,300		1
EFFLUENT CHARACTERISTICS (30-DAY AVG)			DRIVE SIZE, EACH	1
NH3	MG/L	0.13	CONTROL	
NO3	MG/L	6.8		
TP	MG/L	0.4/0.6	GRIT	
TIN	MG/L	6.9/6.5	GRIT BASINS	
BIOREACTORS	inore.	010/010	TYPE	
NUMBER OF ZONES / BASIN			NUMBER	
ANAEROBIC	NO.	2	TRAY DIAMETER	I
SWING	NO.	1	NO. OF TRAYS PER BASIN	
ANOXIC	NO.	3	TREATMENT CAPACITY, EA	M
AEROBIC	NO.	7		N
PROCESS CHARACTERICS	110.	, ,	HYDRAULIC CAPACITY, EA	IV
		0.500	GRIT PUMPS	
MLSS	MG/L	3,500	TYPE	
VOLATILE SOLIDS CONTENT OF MLSS	%	79	NUMBER	
SLUDGE PRODUCTION (MAX MONTH)	LB/DAY	15,800	CONFIGURATION	
AEROBIC SLUDGE AGE (SRT)	HRS	9.5	CAPACITY, EA	G
ANAEROBIC ZONE MIXERS				
TYPE		FIXED, VERTICAL SHAFT	HEAD	
			DRIVE SIZE, EA	1
TOTAL PER BIOREACTOR (NEW/EXISTING)	NO.	0/2	CONTROL	
TOTAL (BIOREACTORS 2-4)	NO.	6	GRIT WASHERS	
MOTOR SIZE	HP	5		
MOTOR SPEED, NOMINAL	RPM	1,750	TYPE	
DRIVE TYPE	-	CONSTANT SPEED	=	
IMPELLER SPEED	RPM	28.7	NUMBER	
		20.7	SOLIDS LOADING CAPACITY, EA	то
TYPE	-	FLOATING	HYDRAULIC CAPACITY, EA	G
TOTAL PER BIOREACTOR (NEW/EXISTING)	NO.	0/3	HORSEPOWER	1
TOTAL (BIOREACTORS 2-4)	NO.	9	GRIT STORAGE BIN	
MOTOR SIZE	HP	5	DIMENSIONS	
MOTOR SPEED, NOMINAL	RPM	1,200	TYPE	
DRIVE TYPE	-	CONSTANT SPEED	NUMBER	
	-	CONSTANT OF EED	Nombert	
ANOXIC ZONE MIXERS				
TYPE	-	FLOATING		
TOTAL PER BIOREACTOR (NEW/EXISTING)	NO.	2/1		
TOTAL (BIOREACTORS 2-4)	NO.	9		
MOTOR SIZE	HP	5		
MOTOR SPEED, NOMINAL	RPM	1,200		
DRIVE TYPE		CONSTANT SPEED		
TYPE	-	FIXED, VERTICAL SHAFT		
TOTAL PER BIOREACTOR (NEW/EXISTING)	NO.	2/0		
TOTAL (BIOREACTORS 2-4)	NO.	6		
MOTOR SIZE	HP	5		
MOTOR SPEED, NOMINAL	RPM	1,750		
	I XI IVI	CONSTANT SPEED		
	-			
IMPELLER SPEED	RPM	28.7		
OXIC ZONE AERATION/MIXING				
TYPE	-	FINE BUBBLE, FIXED GRID		
MLSS RECIRCULATION PUMPS				
NUMBER OF PUMPS PER BIOREACTOR	NO.	2		
TOTAL (BIOREACTORS 2-4) TYPE	NO.	6 HORIZONTAL, PROPELLER PUMP		
MAX CAPACITY-EACH	MGD	15		
MAX PUMP SPEED	RPM	600		
TOTAL DYNAMIC HEAD	FT	3.5		
MOTOR SIZE	HP	25		
		1,800		
MOTOR SPEED, NOMINAL	RPM			

DESIGNED SOUTH VAL JD GSouth Valley WATER RECLAMATION FACILITY DRAWN *Ccarollo*° KHB . 90395 CHECKED JAMES W. DIXON BRAD D. JEPPSON TL/GCS 7495 South 1300 West West Jordan, Utah 84084 DATE DATE BY DESCRIPTION MARCH 2019 REV 10 1 2 9 PROJECT NO. 10548A10 FILE NAME: 10548A1000G07.dgn

11	12	13	

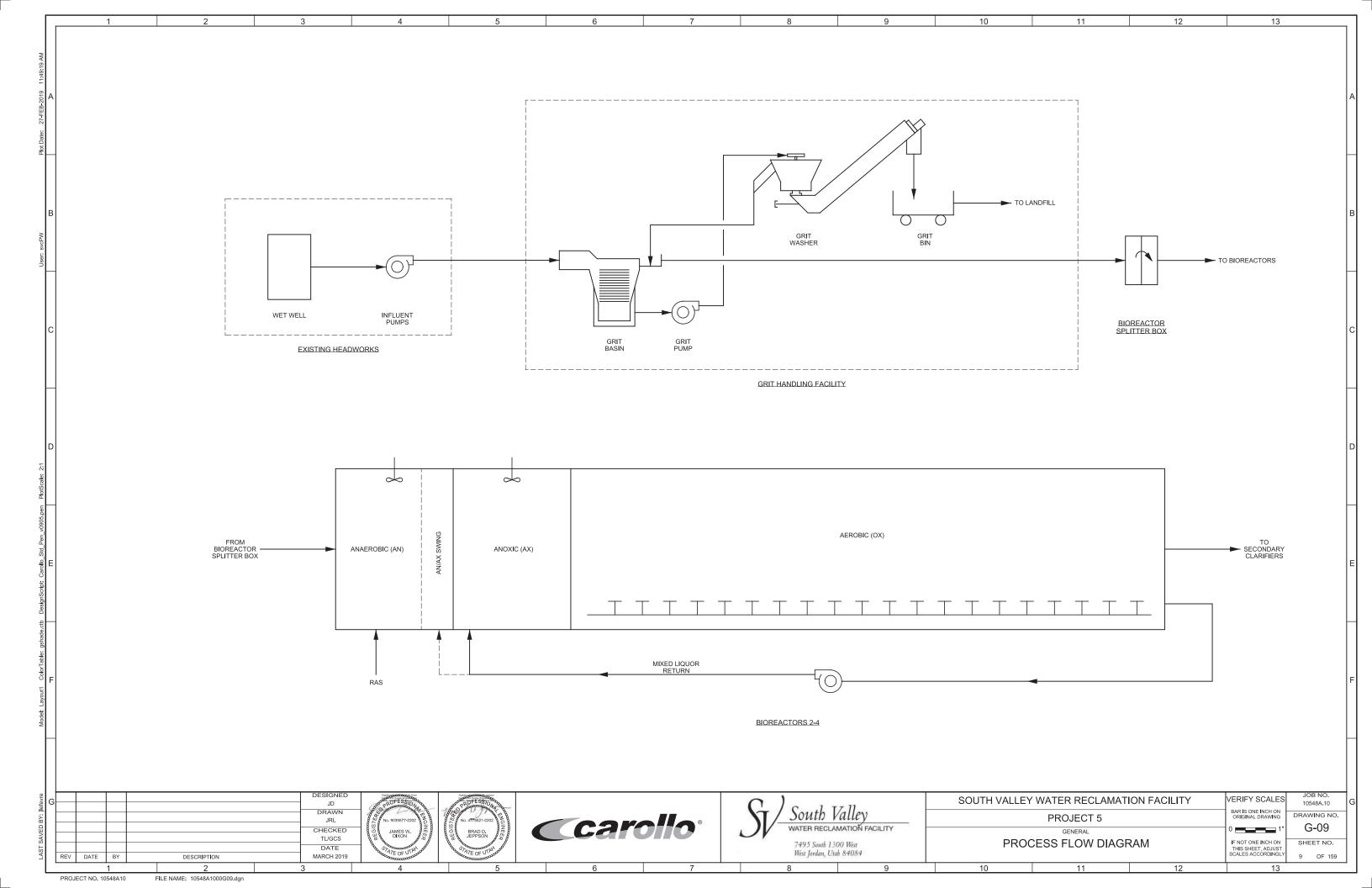
				1
ALLEY WATER RECLAMAT	VERIFY SCALES	JOB NO. 10548A.10	G	
PROJECT 5		BAR IS ONE INCH ON ORIGINAL DRAWING	DRAWING NO.	
GENERAL DESIGN CRITERIA		IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	G-07 SHEET NO. 7 OF 159	
11	12	13		



PROJECT NO. 10548A10

FILE NAME: 10548A1000G08.dgn

11		12	13		
	1. WAT	L NOTES: ER SURFACE ELEVAT	IONS REFLECT THE FC]
	OPE		PHF 4 2		A
	V BASI	ER SURFACE ELEVAT	IONS BASED ON FLOW BETWEEN INFLUENT / 0.	S THROUGH GRIT NND BYPASS	
				4340	В
				4330	
4310.50 WATE	_	- 4309,90 WEIR	6.80 WEIR		
				······ 4310 ····· 4300	c
				4290	
	C	FFLUENT		4280	D
				······ 4250 ····· 4240	E
BIOREACTORS 1-4				4240	
					F
LLEY WATER RECLA PROJECT 5	MATION FAC	CILITY	VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING 0	JOB NO. 10548A.10 DRAWING NO. G-08	G
	OFILE	12	IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	SHEET NO. 8 OF 159	
1 11	1	14	1 13		



	2			3		4			5		
FLOW				PRESSURE	PIPING SPEC.	SCHEDULE			TES	TING	
STREAM IDENTIFIER	SERVICE	PIPE	MATERIAL	CLASS/WALL THICKNESS	SECTION	S	LINING	COATING	METHOD	PRESSURE (psl)	NOTES
A	AIR EXPOSED	ALL SIZES	316L SST	10S	15286	WLD/FL			AM	25	
CD	CONDENSATE DRAINS	ALL SIZES	PVC	SCH 40	15245	SW			GR		
D	DRAINS										
	BURIED/BELOW STRUCTURES	LESS THAN 4"	PVC	SCH 40	15245	SW			GR		NO 90° BENDS
	BURIED/BELOW	4" AND	PVC	SDR 35	15244	B&SP			GR		NO 90° BENDS
	STRUCTURES EXPOSED	LARGER	PVC	SCH 40	15245	SW			GR		NO 90° BENDS
FA	FOUL AIR										
	INTERIOR (SUCTION)	ALL SIZES	304 SS		15816	FL		FP	AM	25	
	INTERIOR (DISCHARGE)	ALL SIZES	FRP	SEE SPECIFICATION	15814	FL OR FUSED			АМ	25	
	BURIED/BELOW	ALL SIZES	FRP	SEE	15814	FL OR FUSED			AM	25	
GR	GRIT SLURRY	THE OLLO		SPECIFICATION	10014				7.00	20	
GR				DRESSURE							NO 90° BENDS - 45
	EXPOSED	ALL SIZES	DIP	PRESSURE CLASS 53	15211	GE/FL	GL	FA	нн	25	BENDS OR LONG RADIUS 90° BEND
HPW	HOT POTABLE WATER										
	EXPOSED	ALL SIZES	COPPER	ASTM B88 TYPE-L	15281	SOLDERED			нн	150	
MLR	MIXED LIQUOR										
	SUBMERGED	ALL SIZES	STEEL	AWWA C200	15278	FL	HSE	HSE	LL	10	
NG	NATURAL GAS										
	BURIED	ALL SIZES	HDPE	DR 17	15241	BW			PER APPLICABLE FUEL GAS CODE	PER APPLICABLE FUEL GAS CODE	
	EXPOSED	ALL SIZES	BSP	SCH 40	15270	SCRD or WLD		COATING PER 09960 - HIGH PERFORMAN CE COATINGS	PER APPLICABLE FUEL GAS CODE	PER APPLICABLE FUEL GAS CODE	
PD	PROCESS DRAIN										
	EXPOSED	AII SIZES	PVC	SCH 80	15244	B&SP			GR		NO 90° BENDS - 45 BENDS OR LONG RADIUS 90° BENDS
	BURIED/BELOW STRUCTURES	LESS THAN 4"	PVC	SCH 40	15245	SW/B&SP			GR		NO 90° BENDS
	BURIED/BELOW STRUCTURES	4" AND LARGER	PVC	SDR 35	15244	B&SP			GR		NO 90° BENDS
PI	PLANT INFLUENT										
	BURIED (PUMPED LINE)	63"	HDPE	SDR 26	15241	BW			нн	50	
	BURIED (GRAVITY PRESSURE LINE)	63"	HDPE	SDR 32.5	15241	BW			LH	20	
	BURIED/EXPOSED/ BELOW STRUCTURES (PUMPED LINE)	60"	STEEL	AWWA C200	15278	WLD	СМ	СМ	нн	50	SEE DRAWINGS FOR FLANGED CONNECTIONS T
	BURIED/EXPOSED/ BELOW STRUCTURES (GRAVITY	60"	STEEL	AWWA C201	15279	WLD	СМ	СМ	LH	20	HDPE SEE DRAWINGS FOR FLANGED CONNECTIONS T
	BURIED	54"	STEEL	AWWA C200	15278	WLD	СМ	СМ	LH	20	HDPE SEE DRAWINGS FOR FLANGED CONNECTIONS T
PW	POTABLE WATER										HDPE
	BURIED	LESS THAN 4"	PVC	SCH 80	15244	B&SP	L		нн	125	
	BURIED	4" AND LARGER	PVC	C900	15244	R-MJ/R-B&SP			нн	125	
	EXPOSED	ALL SIZES	COPPER	ASTM B88 TYPE-L	15281	Soldered	L		нн	125	
RWL	RAIN WATER			, IFL-L							
	LEADER EXPOSED	ALL SIZES	PVC	SCH 40	15245	B&SP/SW			GR		
SS	SANITARY SEWER										
	BURIED/BELOW	4" AND	PVC	SDR 35	15244	MJ or B&SP			GR		NO ELBOW 90°
SW	STRUCTURES SEAL WATER	LARGER									BENDS
	BURIED	1/2"	PVC	SCH 80	15244	B&SP	ļ		нн	80	
	EXPOSED	ALL SIZES	PVC	SCH 80	15244	B&SP			нн	80	

UW	UTILITY WATER									
	BURIED	4" AND LARGER	PVC	C900	15244	R-MJ/R-B&S		нн	125	
	BURIED	LESS THAN 4"	PVC	SCH 80	15244	B&S		нн	125	
	EXPOSED	ALL SIZES	PVC	SCH 80	15244	FL/SW		нн	125	
V	VENT	ALL SIZES	PVC	SCH 40	15244	B&SP/SW		AM		
VTR	VENT TO ROOF	ALL SIZES	PVC	SCH 40	15244	B&SP/SW		AM		
NOTES:	·								•	

(1) NOMINAL DIAMETER (INCHES)

- PIPE MATERIAL AND JOINT/FITTING ABBREVIATIONS:

 BW
 BUTT WELD

 BASP
 BELL AND SPIGOT

 CF
 COMPRESSION FITTING

 CI
 CAST IRON

 CISP
 CAST IRON SOIL PIPE

 CL
 CLASS, FOLLOWED BY DESIGNATION

 CM
 CEMENT MORTAR

 CTP
 COAL TAR PITCH

 DIP
 DUCTLE IRON PIPE

 DWV
 DRAIN, WASTE AND VENT

 FL
 FLANGE

 RRP
 FIBERGLASS PIPE

 GA
 GAUGE, PRECEEDED BY THE DESIGNATION

 GE
 GROVED END PIPE

 GSP
 GALVANIZED STEEL PIPE

 MJ
 MECHANICAL JOINT

 NPS
 NOMINAL PIPE SIZE, FOLLOWED BY THE NUMBER IN INCHES

 PVC
 POLVYUNYL CHLORIDE

 PVC
 POLVYUNYL CHLORIDE

 SCH
 SCHEDULE, FOLLOWED BY THE DESIGNATION

 SCRD
 SCREWED-ON/THREADED

 SCH
 SCHEDULE, FOLLOWED BY THE DESIGNATION

 SCRD
 SCREWED-ON/THREADED

 SW
 SOLVENT WELD

 WLD
 WELD

G	DATE	BY	DE	SCRIPTION		DESIGNED RWB DRAWN JRL CHECKED TL/GCS DATE MARCH 2019	POPESSIC 4 4 4 4 5 4 5 4 5 4 1 1 1 1 1 1 1 1 1 1 1 1 1	POPESSION UN ATTECT 2002 DEPPSON STATE OF UTAL	Са	rollo	St	7495 Soi	H Valley ECLAMATION FACILIT uth 1300 West an, Utab 84084	TY	SOUTH VAL
		1		2		3	4	5	6	7		8	9	9	10
PRC	JECT NO. 1	0548A10	FILE NAME:	10548A1000G10.d	gn										

|--|

	AND COATING ABBREVIATIONS:
CM	CEMENT MORTAR
CP	CARRIER PIPE
EPP	EPOXY POLYERETHANE COATING
FA	FIELD APPLIED COATING
GC	GEL COAT
GL	GLASS LINED
HSE	HIGH SOLIDS EPOXY
1	INSULATED (ONLY)
Р	PAINTED
POL	POLYETHYLENE LINED
PE	POLYETHYLENE-WRAPPED
PVC	POLYVINYL CHLORIDE
CE	CERAMIC EPOXY
CT	COAL TAR ENAMEL
CTX	COAL TAR EPOXY
TW	TAPE WRAPPED
FP	FLUOROPOLYMER
R	RUBBER LINING
EPX	EPOXY LINED
TEST P	RESSURE METHOD:
AM	AIR METHOD
GR	GRAVITY METHOD
HH	HIGH HEAD METHOD
LH	LOW HEAD METHOD
SC	SPECIAL CASE
PSI	POUNDS PER SQUARE INCH

ALLEY WATER RECLAMAT	ON FACILITY	VERIFY SCALES	JOB NO. 10548A.10	G
PROJECT 5		BAR IS ONE INCH ON ORIGINAL DRAWING	DRAWING NO.	
GENERAL		0 1"	G-10	
PIPE SCHEDULE	IF NOT ONE INCH ON THIS SHEET, ADJUST	SHEET NO.		
		SCALES ACCORDINGLY	10 OF 159	
11	12	13		

		100175	70				00524555	2522212121
	TAG NO.	LOCATION	ZONE	TYPE	SERVICE	SIZE (INCH)		DESCRIPTION
	VAL-16.201	BIO 2	AX-1	BFV	MLR	36	MANUAL	MIXED LIQUOR RETURN ISOLATION VALVE
	VAL-16.202	BIO 2	AN-3	BFV	MLR			MIXED LIQUOR RETURN ISOLATION VALVE
	VAL-16.203 VAL-16.204	BIO 2 BIO 2	-	PLG	PD PD	12	MANUAL	TRENCH COLLECTION BOX UPSTREAM VALVE (ABI #1) TRENCH COLLECTION BOX DOWNSTREAM VALVE (ABI #1)
				PLG BFV				
A	VAL-16.301 VAL-16.302	BIO 3 BIO 3	AX-1 AN-3	BFV	MLR	36	MANUAL	MIXED LIQUOR RETURN ISOLATION VALVE
	VAL 16.302 VAL 16.303	BIO 3	AN-3	PLG	PD	12	MANUAL	MIXED LIQUOR RETURN ISOLATION VALVE TRENCH COLLECTION BOX UPSTREAM VALVE (ABI #1)
			-	PLG	PD	6	MANUAL	TRENCH COLLECTION BOX OPSTREAM VALVE (ABI #1) TRENCH COLLECTION BOX DOWNSTREAM VALVE (ABI #1)
	VAL-16.304	BIO 3 BIO 4	AX-1	BFV	MLR	36	MANUAL	MIXED LIQUOR RETURN ISOLATION VALVE
	VAL-16.401 VAL-16.402	BIO 4 BIO 4	AN-3	BFV	MLR	36	MANUAL	MIXED LIQUOR RETURN ISOLATION VALVE
	VAL 16.402 VAL 16.403	BIO 4 BIO 4	- AIN-3	PLG	PD	12	MANUAL	TRENCH COLLECTION BOX UPSTREAM VALVE (ABI #1)
	VAL-16.404	BIO 4 BIO 4	-	PLG	PD	6	MANUAL	TRENCH COLLECTION BOX DOWNSTREAM VALVE (ABI #1)
	VAL 16.404	BIO 2	OX-4	BFV	AIR	8	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.222	BIO 2	0X-5A	BFV	AIR	6	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.222	BIO 2	OX-5B	BFV	AIR	6	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.224	BIO 2	OX-6A	BFV	AIR	6	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.225	BIO 2	OX-6B	BFV	AIR	6	ELECTRIC	REPLACE EXISTING 4" VALVE WITH NEW 6" AWWA VALVE
	VAL-16.226	BIO 2	OX-6C	BFV	AIR	6	ELECTRIC	REPLACE EXISTING 4" VALVE WITH NEW 6" AWWA VALVE
B	VAL-16.227	BIO 2	OX-7A	BFV	AIR	6	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.228	BIO 2	OX-7B	BFV	AIR	6	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.229	BIO 2	OX-7C	BFV	AIR	6	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.230	BIO 2	OX-8A	BFV	AIR	4	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.230	BIO 2	OX-8B	BFV	AIR	6	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.232	BIO 2	OX-8C	BFV	AIR	6	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.232	BIO 2	OX-9A	BFV	AIR	6	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.234	BIO 2	OX-9B	BFV	AIR	6	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.235	BIO 2	OX-10A	BFV	AIR	4	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.236	BIO 2	OX-10B	BFV	AIR	4	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.321	BIO 3	OX-4	BFV	AIR	8	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.322	BIO 3	OX-5A	BFV	AIR	6	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.323	BIO 3	OX-5B	BFV	AIR	6	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.324	BIO 3	OX-6A	BFV	AIR	6	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.325	BIO 3	OX-6B	BFV	AIR	6	ELECTRIC	REPLACE EXISTING 4" VALVE WITH NEW 6" AWWA VALVE
	VAL-16.326	BIO 3	OX-6C	BFV	AIR	6	ELECTRIC	REPLACE EXISTING 4" VALVE WITH NEW 6" AWWA VALVE
	VAL-16.327	BIO 3	OX-7A	BFV	AIR	6	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.328	BIO 3	OX-7B	BFV	AIR	6	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.329	BIO 3	OX-7C	BFV	AIR	6	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
_	VAL-16.330	BIO 3	OX-8A	BFV	AIR	4	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.331	BIO 3	OX-8B	BFV	AIR	6	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.332	BIO 3	OX-8C	BFV	AIR	6	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.333	BIO 3	OX-9A	BFV	AIR	6	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.334	BIO 3	OX-9B	BFV	AIR	6	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.335	BIO 3	OX-10A	BFV	AIR	4	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.336	BIO 3	OX-10B	BFV	AIR	4	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
기	VAL-16.421	BIO 4	OX-4	BFV	AIR	8	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.422	BIO 4	OX-5A	BFV	AIR	6	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.423	BIO 4	OX-5B	BFV	AIR	6	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.424	BIO 4	OX-6A	BFV	AIR	6	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.425	BIO 4	OX-6B	BFV	AIR	6	ELECTRIC	REPLACE EXISTING 4" VALVE WITH NEW 6" AWWA VALVE
	VAL-16.426	BIO 4	OX-6C	BFV	AIR	6	ELECTRIC	REPLACE EXISTING 4" VALVE WITH NEW 6" AWWA VALVE
_	VAL-16.427	BIO 4	OX-7A	BFV	AIR	6	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.428	BIO 4	OX-7B	BFV	AIR	6	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.429	BIO 4	OX-7C	BFV	AIR	6	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.430	BIO 4	OX-8A	BFV	AIR	4	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.431	BIO 4	OX-8B	BFV	AIR	6	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.432	BIO 4	OX-8C	BFV	AIR	6	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
_	VAL-16,433	BIO 4	OX-9A	BFV	AIR	6	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
Ξ	VAL-16.434	BIO 4	OX-9B	BFV	AIR	6	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.435	BIO 4	OX - 10A	BFV	AIR	4	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-16.436	BIO 4	OX-10B	BFV	AIR	4	ELECTRIC	EXISTING VALVE - ADD ELECTRIC ACTUATOR
	VAL-21.115	GRIT BASIN NO. 1	-	PLG	UW	4	ELECTRIC	GRIT BASIN FILL VALVE
	VAL-21.116	GRIT BASIN NO. 1	-	PLG	WW	4	ELECTRIC	GRIT BASIN DRAIN VALVE
	VAL-21.125	GRIT BASIN NO. 2	-	PLG	UW	4	ELECTRIC	GRIT BASIN FILL VALVE
_	VAL-21.126	GRIT BASIN NO. 2	-	PLG	WW	4	ELECTRIC	GRIT BASIN DRAIN VALVE
	VAL-21.135	GRIT BASIN NO. 3 (BID ALT)	-	PLG	UW	4	ELECTRIC	GRIT BASIN FILL VALVE
	VAL-21.136	GRIT BASIN NO. 3 (BID ALT)	-	PLG	WW	4	ELECTRIC	GRIT BASIN DRAIN VALVE
	VAL-21.211	GRIT PUMP NO. 1	-	PLG	GRIT	4	ELECTRIC	GRIT PUMP SUCTION VALVE - GLASSED LINED
	VAL-21.221	GRIT PUMP NO. 2	-	PLG	GRIT	4	ELECTRIC	GRIT PUMP SUCTION VALVE - GLASSED LINED
	VAL-21.231	GRIT PUMP NO. 3	-	PLG	GRIT	4	ELECTRIC	GRIT PUMP SUCTION VALVE - GLASSED LINED
_	VAL-21.241	GRIT PUMP NO. 4	-	PLG	GRIT	4	ELECTRIC	GRIT PUMP SUCTION VALVE - GLASSED LINED
F	VAL-21.251	GRIT PUMP NO. 5 (BID ALT)	-	PLG	GRIT	4	ELECTRIC	GRIT PUMP SUCTION VALVE - GLASSED LINED
	VAL-21.261	GRIT PUMP NO. 6 (BID ALT)	-	PLG	GRIT	4	ELECTRIC	GRIT PUMP SUCTION VALVE - GLASSED LINED
	VAL-21.113	GRIT BASIN NO. 1	-	BV	UW	1	ELECTRIC	GRIT FLUIDIZING VALVE
	VAL-21.123	GRIT BASIN NO. 2	-	BV	UW	1	ELECTRIC	GRIT FLUIDIZING VALVE
	VAL-21.133	GRIT BASIN NO. 3 (BID ALT)	-	BV	UW	1	ELECTRIC	GRIT FLUIDIZING VALVE
	SV-21.215	GRIT PUMP NO. 1	-	SV	UW	1/2	ELECTRIC	GRIT PUMP SEAL WATER VALVE
	SV-21.225	GRIT PUMP NO. 2	-	SV	UW	1/2	ELECTRIC	GRIT PUMP SEAL WATER VALVE
	SV-21.235	GRIT PUMP NO. 3	-	SV	UW	1/2	ELECTRIC	GRIT PUMP SEAL WATER VALVE
	SV-21.245	GRIT PUMP NO. 4	-	SV	UW	1/2	ELECTRIC	GRIT PUMP SEAL WATER VALVE
	SV-21.255	GRIT PUMP NO. 5 (BID ALT)	- 1	SV	UW	1/2	ELECTRIC	GRIT PUMP SEAL WATER VALVE
	SV-21-255	GRIT PUMP NO. 6 (BID ALT)		sv	UW	1/2	ELECTRIC	GRIT PUMP SEAL WATER VALVE

	VALVE SCHEDULE (CONTINUED)													
SV-21.265	GRIT PUMP NO. 6 (BID ALT)	-	SV	UW	1/2	ELECTRIC	GRIT PUMP SEAL WATER VALVE							
SV-21.314	GRIT WASHER NO. 1	-	SV	UW	1	ELECTRIC	WASH WATER VALVE FOR GRIT WASHER (FBV)							
SV-21.324	GRIT WASHER NO. 2	-	SV	UW	1	ELECTRIC	WASH WATER VALVE FOR GRIT WASHER (FBV)							
SV-21.334	GRIT WASHER NO. 3 (BID ALT)	-	SV	UW	1	ELECTRIC	WASH WATER VALVE FOR GRIT WASHER (FBV)							

	6	7			8			9		10			11	1		12		13		
			1	ALVE SCHE	EDULE (CONTIN															
SV-21.265		- SV	UW			CTRIC			WATER VALVE											
SV-21.314		- SV	UW			CTRIC			R GRIT WASHER											
SV-21.324		- SV	UW			CTRIC			R GRIT WASHER											
SV-21.334	GRIT WASHER NO. 3 (BID ALT)	- SV	UW		1 ELEC	CTRIC	WASH WAT	ER VALVE FO	R GRIT WASHER	(FBV)										
					P	PUMP SCHE	DULE													
TAG NO.	LOCATION ZONE	TYPI	È		SERVICE	HF) TDH (FT)	CONTROL MAX	PEED VOLTAGE	PHASE	C	ESCRIPTION							
PMP-16.26	1 BIO 2 OX-10 5	SUBMERSIBLE .	AXIAL FLOW		MLR	25	5 15	3.5	VFD 5	0 460	3	INTERN	AL RECYCLE B	0.2						
PMP-16.262	2 BIO 2 OX-10 5	SUBMERSIBLE .	AXIAL FLOW		MLR	25		3.5	VFD 5	0 460	3	INTERN	AL RECYCLE BI	0.2						
PMP-16.361	1 BIO 3 OX-10 S	SUBMERSIBLE .	AXIAL FLOW		MLR	25	5 15	3.5	VFD 5	0 460	3	INTERN	AL RECYCLE B	IO. 3						
PMP-16.362	2 BIO 3 OX-10 5	SUBMERSIBLE .	AXIAL FLOW		MLR	25	5 15	3.5	VFD 5	0 460	3	INTERN	AL RECYCLE BIO	IO. 3						
PMP-16.46	1 BIO 4 OX-10 5	SUBMERSIBLE .	AXIAL FLOW		MLR	25	5 15	3.5	VFD 5	0 460	3	INTERN	AL RECYCLE BI	0.4						
PMP-16.462		SUBMERSIBLE .			MLR	25		3.5	VFD 5	0 460	3	INTERN	AL RECYCLE B	0.4						
PMP-21.210			MPELLER CENTRIF		GRIT	7.		26.5		0 480	3		RIT PUMP NO. 1							
PMP-21.220			MPELLER CENTRIF		GRIT	7.5		26.5		00 480	3		T PUMP NO. 2							
PMP-21.230			MPELLER CENTRIF		GRIT	7.		26.5		0 480	3		T PUMP NO. 3							
PMP-21.240			MPELLER CENTRIF		GRIT	7.5		26.5		0 480	3		T PUMP NO. 4							
PMP-21.250			MPELLER CENTRIF		GRIT	7.5		26.5		00 480	3		Y PUMP NO. 5 (E							
PMP-21.260	0 GRIT - HORIZONTA	LICEOESSED IN	MPELLER CENTRIF	UGAL	GRII	7.:	300	26.5	FIXED 15	00 480	3	ONI SLUKK	Y PUMP NO. 6 (E							
							SLIDE GATE SC	HEDULE								7				
				MA	X HEAD (FT)	TYPE O		DIMENSIONS	(2)	TYPE OF										
TAG NO.	LOCATION	TYPE	SERVICE		IG UNSEATING				- MOUNTING	TYPE OF FRAME	STEM	OPERATOR ⁽⁶⁾		DESCR	RIPTION					
GAT-21.112	2 GRIT INFLUENT CHANNEL NO. 1	SLIDE GATE	GRIT BASIN NO.		-	FB		4' 6.5'		SC	NRS	мо	GATES TO BE	E CONTRAIN	ED FOR ODOR CONTROL					
	GRIT INFLUENT CHANNEL NO. 2	SLIDE GATE		_	-	FB	-	4' 6.5'		SC	NRS	MO			ED FOR ODOR CONTROL					
GAT-21.132	GRIT INFLUENT CHANNEL NO. 3	SLIDE GATE	GRIT BASIN NO.	.3 6.25'	-	FB	-	4' 6.5'	FM	SC	NRS	MO	GATES TO BE	E CONTRAIN	ED FOR ODOR CONTROL	L				
GAT-16.263	BIO 2 MLR	SLIDE GATE	MLR	15.7'	12.7'	STD	-	3' 3'	FM	NSC	NRS	со	TER	RMINATE ST	EM AT GRATING					
GAT-16.363	BIO 3 MLR	SLIDE GATE	MLR	15.7'	12.7'	STD	-	3' 3'	FM	NSC	NRS	со	TER	RMINATE ST	EM AT GRATING					
GAT-16.463	BIO 4 MLR	SLIDE GATE	MLR	15.7'	12.7'	STD	-	3' 3'	FM	NSC	NRS	CO	TER	RMINATE ST	EM AT GRATING					
Notes:																				
-1	Closure: DO = Downward Opening; F		om; STD = Standard.	•																
-2	Gate design pressure applied at cent Mounting: FM = Face Mounted; EC =		Channel EMP - Em	nhoddod, CF	- Coigot books	EWT - "E" 1	Mall Thimbler EW	T - "F" Mol T	himble											
-3						1 001 - 1 0														
-4	Frame: SC = Self-Contained; NSC = Stem: RS = Rising Stem; NRS = Non		Ined; F = Flatback; F	-L = Hange I	Dack.															
-5																				
-6																				
-6	Operator: CO = Hand crank operator	with 2-Inch AW\	WA nut for portable of Floor Stand; PS = Pe	operator; HV	W = Handwheel; port.	HC = Hand	crank; MO = Mot	or Operator; M	OD = Modulating	lotor Operator; H) = Hydra	ullc Operator; N	/IHO = Manual Hy	ydrau∎c Oper	rator (Hand Pump); BS =					
-6		with 2-Inch AW\	WA nut for portable o Floor Stand; PS = Pe	operator; HV edestal Supp	W = Handwheel; port	HC = Hand	crank; MO = Mot	or Operator; M	OD = Modulating	fotor Operator; H) = Hydra	ullc Operator; N	ИНО = Manual Hy	ydrau li c Oper	rator (Hand Pump); BS =					
-6	Operator: CO = Hand crank operator	with 2-Inch AW\	WA nut for portable o Floor Stand; PS = Pe	operator; HV edestal Supp	N = Handwheel; I port.	HC = Hand	crank; MO = Mot	or Operator; M	OD = Modulating	lotor Operator; H) = Hydra	ullc Operator; N	/IHO = Manual Hy	ydrau∎c Oper	rator (Hand Pump); BS =					
-6	Operator: CO = Hand crank operator	with 2-Inch AW\	WA nut for portable o Floor Stand; PS = Pe	operator; HV edestal Supp	port.			or Operator; M	OD = Modulating	fotor Operator; H) = Hydra	ullc Operator; N	//HO = Manual Hy	ydrau∎c Oper	rator (Hand Pump); BS =					
	Operator: CO = Hand crank operator Bench Stand; FS = Floor Stand; IFS	with 2-Inch AWN = Interconnect F	Floor Stand; PS = Pe	edestal Supp	STOP PLATE	E SCHEDU		or Operator; M			D = Hydra	ullo Operator; N	/HO = Manual Hy	ydrau∎c Oper	rator (Hand Pump); BS =					
-6 TAG NO.	Operator: CO = Hand crank operator	with 2-Inch AW\	HEIGHT OF	MAX HI	STOP PLATE			or Operator; M		Notor Operator; H4	D = Hydra	ullc Operator; N	/HO = Manual Hy	ydrau∎c Oper	rator (Hand Pump); BS =					
TAG NO.	Operator: CO = Hand crank operator Bench Stand; FS = Floor Stand; IFS	with 2-Inch AWA	HEIGHT OF	MAX HI	STOP PLATE	E SCHEDU	E			CRIPTION				ydrau∎c Oper	rator (Hand Pump); BS =					
TAG NO. GAT-21.151 GAT-16.265	Operator: CO = Hand crank operator Bench Stand: FS = Floor Stand; IFS LOCATION GRIT INFLUENT CHANNELS 5 BIO 2	with 2-Inch AWW = Interconnect F WIDTH OF OPENING 4' 7"	HEIGHT OF STOP PLATE 8' 9"	MAX HI SEATING 6.25' 14'	STOP PLATE	'E SCHEDUI MATERIAL FRP FRP	PLACED UPSTI PROVIDES ACC	REAM OF GRI	DES T INFLUENT CHA NCH DRAIN THR	CRIPTION NNEL SLIDE GAT DUGH EXISTING	E DURIN			ydrau∎c Oper	rator (Hand Pump); BS =					
TAG NO. GAT-21.151 GAT-16.265 GAT-16.266	Operator: CO = Hand crank operator Bench Stand; FS = Floor Stand; IFS LOCATION GRIT INFLUENT CHANNELS BIO 2 BIO 2	With 2-Inch AWI = Interconnect F WIDTH OF OPENING 4'	HEIGHT OF STOP PLATE	MAX HE SEATING 6.25' 14' 14'	STOP PLATE EAD (FT) UNSEATING	E SCHEDUI MATERIAL FRP FRP FRP	PLACED UPSTI PROVIDES ACC	REAM OF GRI	DES T INFLUENT CHA	CRIPTION NNEL SLIDE GAT DUGH EXISTING	E DURIN			ydrau∎c Oper	rator (Hand Pump); BS =					
TAG NO. GAT-21.151 GAT-16.265 GAT-16.266 GAT-16.267	Operator: CO = Hand crank operator Bench Stand; FS = Floor Stand; IFS LOCATION GRIT INFLUENT CHANNELS 5 BIO 2 5 BIO 2 7 BIO 2	with 2-Inch AWI = Interconnect F WIDTH OF OPENING 4' 7" 7" 7" 7"	HEIGHT OF STOP PLATE 9" 9" 9"	MAX HI SEATING 6.25' 14' 14' 14'	STOP PLATE EAD (FT) UNSEATING	E SCHEDUI MATERIAL FRP FRP FRP FRP	E PLACED UPST PROVIDES ACC PROVIDES ACC PROVIDES ACC	REAM OF GRI CESS TO TRE CESS TO TRE CESS TO TRE	DES T INFLUENT CHA NCH DRAIN THR NCH DRAIN THR NCH DRAIN THR	CRIPTION NNEL SLIDE GAT DUGH EXISTING DUGH EXISTING DUGH EXISTING	E DURIN WALL WALL WALL			ydrau∎c Oper	rator (Hand Pump); BS =					
TAG NO. GAT-21.151 GAT-16.265 GAT-16.266 GAT-16.267 GAT-16.365	Operator: CO = Hand crank operator Bench Stand; FS = Floor Stand; IFS LOCATION GRIT INFLUENT CHANNELS BIO 2 BIO 2 BIO 2 BIO 2 BIO 3	with 2-Inch AWN = Interconnect F WIDTH OF OPENING 4' 7" 7" 7" 7"	HEIGHT OF STOP PLATE 1 8' 9" 9" 9" 9" 9" 9" 9"	MAX HI SEATING 6.25' 14' 14' 14' 14' 14'	STOP PLATE EAD (FT) UNSEATING	E SCHEDUI MATERIAL FRP FRP FRP FRP FRP	E PLACED UPST PROVIDES ACC PROVIDES ACC PROVIDES ACC	REAM OF GR DESS TO TRE DESS TO TRE DESS TO TRE DESS TO TRE DESS TO TRE	DES T INFLUENT CHA NCH DRAIN THR NCH DRAIN THR NCH DRAIN THR NCH DRAIN THR	CRIPTION NNEL SLIDE GAT JUGH EXISTING DUGH EXISTING DUGH EXISTING DUGH EXISTING	TE DURIN WALL WALL WALL WALL			ydrau li c Oper	rator (Hand Pump); BS =					
TAG NO. GAT-21.151 GAT-16.265 GAT-16.266 GAT-16.267 GAT-16.365 GAT-16.365 GAT-16.366	Operator: CO = Hand crank operator Bench Stand; FS = Floor Stand; IFS LOCATION GRIT INFLUENT CHANNELS BIO 2 BIO 2 BIO 2 BIO 2 BIO 2 BIO 3 BIO 3	with 2-Inch AWN = Interconnect F WIDTH OF OPENING 4' 7" 7" 7" 7" 7" 7" 7" 7"	HeiGHT OF S STOP PLATE 3 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9"	MAX HI SEATING 6.25' 14' 14' 14' 14' 14' 14' 14'	STOP PLATE EAD (FT) UNSEATING	E SCHEDUI MATERIAL FRP FRP FRP FRP FRP FRP	E PLACED UPSTI PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC	REAM OF GR CESS TO TRE CESS TO TRE CESS TO TRE CESS TO TRE CESS TO TRE	DES T INFLUENT CHA NCH DRAIN THR NCH DRAIN THR NCH DRAIN THR NCH DRAIN THR	CRIPTION NNEL SLIDE GAT JUGH EXISTING DUGH EXISTING JUGH EXISTING DUGH EXISTING	E DURIN WALL WALL WALL WALL WALL			ydrau li c Oper	rator (Hand Pump); BS =					
TAG NO. GAT-21.151 GAT-16.265 GAT-16.266 GAT-16.267 GAT-16.365 GAT-16.366 GAT-16.367	Operator: CO = Hand crank operator Bench Stand; FS = Floor Stand; IFS LOCATION GRIT INFLUENT CHANNELS BIO 2 BIO 2 BIO 2 BIO 3 BIO 3 BIO 3	with 2-Inch AWN = Interconnect F WIDTH OF OPENING 4' 7" 7" 7" 7" 7" 7" 7" 7" 7"	Height of Stop Plate Plate 8' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9''	MAX HI SEATING 6.25' 14' 14' 14' 14' 14' 14' 14'	STOP PLATE EAD (FT) UNSEATING - - - - - - - - - - -	E SCHEDUI MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP	E PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC	REAM OF GR CESS TO TRE CESS TO TRE CESS TO TRE CESS TO TRE CESS TO TRE CESS TO TRE	DES T INFLUENT CHA NCH DRAIN THR NCH DRAIN THR NCH DRAIN THR NCH DRAIN THR NCH DRAIN THR	CRIPTION NNEL SLIDE GAT JUGH EXISTING DUGH EXISTING DUGH EXISTING DUGH EXISTING DUGH EXISTING	E DURIN WALL WALL WALL WALL WALL WALL			ydraulic Oper	rator (Hand Pump); BS =					
TAG NO. GAT-21.151 GAT-16.265 GAT-16.265 GAT-16.267 GAT-16.365 GAT-16.365 GAT-16.367 GAT-16.367	Operator: CO = Hand crank operator Bench Stand; FS = Floor Stand; IFS LOCATION GRIT INFLUENT CHANNELS 5 BIO 2 3 BIO 2 5 BIO 3 6 BIO 3 7 BIO 3 8 BIO 3 9 BIO 3	with 2-Inch AWN = Interconnect F WIDTH OF OPENING 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7"	HEIGHT OF STOP PLATE P 8' 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9"	MAX HI SEATING 6.25' 14' 14' 14' 14' 14' 14' 14' 14'	STOP PLATE EAD (FT) UNSEATING - - - - - - - - - - - - - - -	E SCHEDUI MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PLACED UPSTI PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC	REAM OF GRI CESS TO TRE CESS TO TRE CESS TO TRE CESS TO TRE CESS TO TRE CESS TO TRE CESS TO TRE	DES T INFLUENT CHA NCH DRAIN THR NCH DRAIN THR NCH DRAIN THR NCH DRAIN THR NCH DRAIN THR NCH DRAIN THR	CRIPTION NNEL SLIDE GAT JUGH EXISTING JUGH EXISTING JUGH EXISTING JUGH EXISTING JUGH EXISTING DUGH EXISTING	E DURIN WALL WALL WALL WALL WALL WALL			ydrau li c Oper	rator (Hand Pump); BS =					
TAG NO. GAT-21.151 GAT-16.265 GAT-16.266 GAT-16.366 GAT-16.366 GAT-16.367 GAT-16.465 GAT-16.465	Operator: CO = Hand crank operator Bench Stand; FS = Floor Stand; IFS LOCATION GRIT INFLUENT CHANNELS BIO 2 BIO 2 BIO 2 BIO 2 BIO 3 BIO 3 BIO 3 BIO 3 BIO 3 BIO 3 BIO 3 BIO 3 BIO 4	with 2-Inch AWN = Interconnect F WIDTH OF OPENING 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7"	HEIGHT OF STOP PLATE P 8' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9''	MAX HI SEATING 6.25' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14	STOP PLATE EAD (FT) UNSEATING - - - - - - - - - - - - - - - -	E SCHEDUI MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC	REAM OF GRI DESS TO TRE DESS TO TRE	DES T INFLUENT CH/ NCH DRAIN THR NCH DRAIN THR NCH DRAIN THR NCH DRAIN THR NCH DRAIN THR NCH DRAIN THR NCH DRAIN THR	CRIPTION NNEL SLIDE GAT DUGH EXISTING DUGH EXISTING DUGH EXISTING DUGH EXISTING DUGH EXISTING DUGH EXISTING DUGH EXISTING	E DURIN WALL WALL WALL WALL WALL WALL WALL WAL			ydrau li c Oper	rator (Hand Pump); BS =					
TAG NO. GAT-21.151 GAT-16.265 GAT-16.266 GAT-16.267 GAT-16.366 GAT-16.366 GAT-16.465 GAT-16.465	Operator: CO = Hand crank operator Bench Stand; FS = Floor Stand; IFS LOCATION GRIT INFLUENT CHANNELS BIO 2 BIO 2 BIO 2 BIO 2 BIO 3 BIO 3 BIO 3 BIO 3 BIO 3 BIO 3 BIO 3 BIO 3 BIO 4	with 2-Inch AWN = Interconnect F WIDTH OF OPENING 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7"	HEIGHT OF STOP PLATE P 8' 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9"	MAX HI SEATING 6.25' 14' 14' 14' 14' 14' 14' 14' 14'	STOP PLATE EAD (FT) UNSEATING - - - - - - - - - - - - - - -	E SCHEDUI MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC	REAM OF GRI DESS TO TRE DESS TO TRE	DES T INFLUENT CH/A NCH DRAIN THR NCH DRAIN THR NCH DRAIN THR NCH DRAIN THR NCH DRAIN THR NCH DRAIN THR	CRIPTION NNEL SLIDE GAT DUGH EXISTING DUGH EXISTING DUGH EXISTING DUGH EXISTING DUGH EXISTING DUGH EXISTING DUGH EXISTING	E DURIN WALL WALL WALL WALL WALL WALL WALL WAL			ydrau li c Oper	rator (Hand Pump); BS =					
TAG NO. GAT-21.151 GAT-16.265 GAT-16.266 GAT-16.366 GAT-16.366 GAT-16.367 GAT-16.465 GAT-16.465	Operator: CO = Hand crank operator Bench Stand; FS = Floor Stand; IFS LOCATION GRIT INFLUENT CHANNELS BIO 2 BIO 2 BIO 2 BIO 2 BIO 3 BIO 3 BIO 3 BIO 3 BIO 3 BIO 3 BIO 3 BIO 3 BIO 4	with 2-Inch AWN = Interconnect F WIDTH OF OPENING 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7"	HEIGHT OF STOP PLATE P 8' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9''	MAX HI SEATING 6.25' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14	STOP PLATE EAD (FT) UNSEATING - - - - - - - - - - - - - - - -	E SCHEDUI MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC	REAM OF GRI DESS TO TRE DESS TO TRE	DES T INFLUENT CH/ NCH DRAIN THR NCH DRAIN THR NCH DRAIN THR NCH DRAIN THR NCH DRAIN THR NCH DRAIN THR NCH DRAIN THR	CRIPTION NNEL SLIDE GAT DUGH EXISTING DUGH EXISTING DUGH EXISTING DUGH EXISTING DUGH EXISTING DUGH EXISTING DUGH EXISTING	E DURIN WALL WALL WALL WALL WALL WALL WALL WAL			ydrau li c Oper	rator (Hand Pump); BS =					
TAG NO. GAT-21.151 GAT-16.265 GAT-16.265 GAT-16.365 GAT-16.365 GAT-16.367 GAT-16.465 GAT-16.465	Operator: CO = Hand crank operator Bench Stand; FS = Floor Stand; IFS LOCATION GRIT INFLUENT CHANNELS BIO 2 BIO 2 BIO 2 BIO 2 BIO 3 BIO 3 BIO 3 BIO 3 BIO 3 BIO 3 BIO 3 BIO 3 BIO 4	with 2-Inch AWN = Interconnect F WIDTH OF OPENING 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7"	HEIGHT OF STOP PLATE 8' 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9"	MAX HI SEATING 6.25' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14	STOP PLATE EAD (FT) UNSEATING - - - - - - - - - - - - - - - -	E SCHEDUI MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC	REAM OF GRI DESS TO TRE DESS TO TRE	DES T INFLUENT CH/ NCH DRAIN THR NCH DRAIN THR NCH DRAIN THR NCH DRAIN THR NCH DRAIN THR NCH DRAIN THR NCH DRAIN THR	CRIPTION NNEL SLIDE GAT DUGH EXISTING DUGH EXISTING DUGH EXISTING DUGH EXISTING DUGH EXISTING DUGH EXISTING DUGH EXISTING	E DURIN WALL WALL WALL WALL WALL WALL WALL WAL	IG MAINTENAN								
TAG NO. GAT-21.151 GAT-16.265 GAT-16.266 GAT-16.367 GAT-16.366 GAT-16.367 GAT-16.465 GAT-16.466 GAT-16.467	Operator: CO = Hand crank operator Bench Stand; FS = Floor Stand; IFS LOCATION GRIT INFLUENT CHANNELS GRIT INFLUENT CHANNELS BIO 2 BIO 2 BIO 2 BIO 3 BIO 3 BIO 3 BIO 3 BIO 3 BIO 3 BIO 4 BIO 4 BIO 4	with 2-Inch AWN = Interconnect F WIDTH OF OPENING 4' 7"	HEIGHT OF P STOP PLATE P 8' P 9" P"	MAX HI SEATING 6.25' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14	STOP PLATE EAD (FT) UNSEATING - - - - - - - - - - - - - - - - - - -	E SCHEDUI MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC	REAM OF GRU DESS TO TRE DESS TO TRE	DES T INFLUENT CH/A NCH DRAIN THR NCH DRAIN THR	CRIPTION NNEL SLIDE GAT DUGH EXISTING DUGH EXISTING DUGH EXISTING DUGH EXISTING DUGH EXISTING DUGH EXISTING DUGH EXISTING DUGH EXISTING	E DURIN WALL WALL WALL WALL WALL WALL WALL WAL	IG MAINTENAN			CHEDULE	77E 140		N		
TAG NO. GAT-21.151 GAT-16.265 GAT-16.265 GAT-16.365 GAT-16.365 GAT-16.367 GAT-16.367 GAT-16.466 GAT-16.466 GAT-16.467 TAG NO.	Operator: CO = Hand crank operator Bench Stand; FS = Floor Stand; IFS LOCATION GRIT INFLUENT CHANNELS BIO 2 BIO 2 BIO 2 BIO 3 BIO 3 BIO 3 BIO 4 BIO 4 BIO 4	with 2-Inch AWN = Interconnect F WIDTH OF OPENING 4' 7" SERVICE	HEIGHT OF P STOP PLATE P 8' P 9" P P P	MAX HI SEATING 6.25' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14	STOP PLATE EAD (FT) UNSEATING - - - - - - - - - - - - - - - - - - -	E SCHEDUI MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC	REAM OF GRI CESS TO TRE CESS TO TRE	DES T INFLUENT CH/ NCH DRAIN THR NCH DRAIN THR	CRIPTION NNEL SLIDE GAT JUGH EXISTING JUGH EXISTING DUGH EXISTING DUGH EXISTING DUGH EXISTING DUGH EXISTING DUGH EXISTING JUGH EXISTING LOCATION	E DURIN WALL WALL WALL WALL WALL WALL WALL WAL	G MAINTENAN	ICE	UIPMENT SC	CHEDULE SERVICE CAPACITY/SIZ		DESCRIPTIO	N		
TAG NO. GAT-21.151 GAT-16.265 GAT-16.266 GAT-16.365 GAT-16.365 GAT-16.365 GAT-16.366 GAT-16.466 GAT-16.466 GAT-16.467 TAG NO. BRXA-602	Operator: CO = Hand crank operator Bench Stand: FS = Floor Stand; IFS	with 2-Inch AWN = Interconnect F WIDTH OF OPENING 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 2 MIXER SCHE SERVICE XED LIQUOR	Height of stop PLATE - 8' - 9" - </td <td>MAX HI SEATING 6.25' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14</td> <td>STOP PLATE EAD (FT) I - I <</td> <td>E SCHEDUI MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP</td> <td>E PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC</td> <td>REAM OF GRI DESS TO TRE DESS TO TRE</td> <td>DESS T INFLUENT CH/ NCH DRAIN THR NCH DRAIN GRIT 4G NO.</td> <td>CRIPTION NNEL SLIDE GAT DUGH EXISTING DUGH EXISTING</td> <td>TE DURIN WALL WALL WALL WALL WALL WALL WALL WAL</td> <td>G MAINTENAN MISCE</td> <td></td> <td>UIPMENT SC</td> <td>CHEDULE SERVICE CAPACITY/SIZ GRIT 1.5 TON/HR</td> <td>3</td> <td>DESCRIPTIO</td> <td>N</td> <td></td> <td></td>	MAX HI SEATING 6.25' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14	STOP PLATE EAD (FT) I - I <	E SCHEDUI MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC	REAM OF GRI DESS TO TRE DESS TO TRE	DESS T INFLUENT CH/ NCH DRAIN THR NCH DRAIN GRIT 4G NO.	CRIPTION NNEL SLIDE GAT DUGH EXISTING DUGH EXISTING	TE DURIN WALL WALL WALL WALL WALL WALL WALL WAL	G MAINTENAN MISCE		UIPMENT SC	CHEDULE SERVICE CAPACITY/SIZ GRIT 1.5 TON/HR	3	DESCRIPTIO	N		
TAG NO. GAT-21.151 GAT-16.265 GAT-16.265 GAT-16.365 GAT-16.365 GAT-16.367 GAT-16.465 GAT-16.465 GAT-16.467 TAG NO. BRXA-602 BRXA-602	Operator: CO = Hand crank operator Bench Stand; FS = Floor Stand; IFS LOCATION GRIT INFLUENT CHANNELS BIO 2 BIO 2 BIO 3 BIO 3 BIO 4 BIO 4 BIO 2 AN-1 BIO 2 AN-1	WIDTH OF OPENING 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7"	HEIGHT OF F STOP PLATE F 8' 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 5 EXISTING M 5 EXISTING M	MAX HI SEATING 6.25' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14	STOP PLATE EAD (FT) UNSEATING - - - - - - - - - - - - - - - - - - -	E SCHEDUI MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC	REAM OF GRI CESS TO TRE CESS TO TRE	DES T INFLUENT CHA NCH DRAIN THR NCH DRAIN T	CRIPTION NNEL SLIDE GAT JUGH EXISTING JUGH EXISTING DUGH EXISTING DUGH EXISTING DUGH EXISTING DUGH EXISTING DUGH EXISTING JUGH EXISTING LOCATION	TE DURIN WALL WALL WALL WALL WALL WALL WALL WAL	G MAINTENAN MISCE	ICE	UIPMENT SC R R	CHEDULE SERVICE CAPACITY/SIZ GRIT 1.5 TON/HR	3	DESCRIPTIO	N		
TAG NO. GAT-21.151 GAT-16.265 GAT-16.265 GAT-16.365 GAT-16.365 GAT-16.367 GAT-16.465 GAT-16.465 GAT-16.467 TAG NO. BRXA-602 BRXA-602 BRXA-602	Operator: CO = Hand crank operator Bench Stand; FS = Floor Stand; IFS LOCATION I GRIT INFLUENT CHANNELS 5 BIO 2 8 BIO 2 9 BIO 2 9 BIO 3 5 BIO 4 6 BIO 3 7 BIO 4 8 BIO 4 9 BIO 4 9 BIO 4 9 BIO 4 9 BIO 2 9 BIO 4 9 BIO 4 9 BIO 2 9 BIO 4	with 2-Inch AWN = Interconnect F WIDTH OF OPENING 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	HEIGHT OF STOP PLATE F 8' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 5' EXISTING M 5 EXISTING M	MAX HI SEATING 6.25 14' 14' 14' 14' 14' 14' 14' 14' 14' 14'	STOP PLATE EAD (FT) UNSEATING - - - - - - - - - - - - - - - - - - -	E SCHEDUI MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC	REAM OF GRI CESS TO TRE CESS TO TRE	DES T INFLUENT CH/A NCH DRAIN THR NCH DRAIN THR V-21.310 GRIT V-21.320 GRIT V-31.330 GRIT	CRIPTION NNEL SLIDE GAT DUGH EXISTING DUGH EXISTING	E DURIN WALL WALL WALL WALL WALL WALL WALL WAL	G MAINTENAN MISCE	ICE	IUIPMENT SC R R R	SERVICE CAPACITY/SIZ GRIT 1.5 TON/HR GRIT 1.5 TON/HR	3 3 3	-			
TAG NO. GAT-21.151 GAT-16.265 GAT-16.265 GAT-16.367 GAT-16.367 GAT-16.367 GAT-16.465 GAT-16.466 GAT-16.466 GAT-16.467 TAG NO. BRXA-602 BRXA-602 BRX-16.207	Operator: CO = Hand crank operator Bench Stand; FS = Floor Stand; IFS LOCATION GRIT INFLUENT CHANNELS BIO 2 BIO 2 BIO 2 BIO 3 BIO 3 BIO 3 BIO 4 BIO 2 BIO 2 BIO 2 AN-1 BIO 2 BIO 3 BIO 4	with 2-Inch AWN = Interconnect F WIDTH OF OPENING 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	HEIGHT OF STOP PLATE P 8' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 5' 5' 5'	MAX HI SEATING 6.25' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14	STOP PLATE EAD (FT) UNSEATING - - - - - - - - - - - - - - - - - - -	E SCHEDUI MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC	REAM OF GRI CESS TO TRE CESS TO TRE	DES T INFLUENT CH/ NCH DRAIN THR NCH DRAIN GRI T- GRIT - GRIT	CRIPTION NNEL SLIDE GAT DUGH EXISTING DUGH EXISTING	TE DURIN WALL WALL WALL WALL WALL WALL WALL WAL	G MAINTENAN MISCE R R R R R 12 T	ICE ELLANEOUS EQU TYPE GRIT WASHER GRIT WASHER	UIPMENT SC R R L UNIT	CHEDULE SERVICE CAPACITY/SIJ GRIT 1.5 TON/HR GRIT 1.5 TON/HR GRIT 1.5 TON/HR	3 3 3 Y -	(BID ALT)	0.1		
TAG NO. GAT-11.61 GAT-16.265 GAT-16.267 GAT-16.365 GAT-16.365 GAT-16.366 GAT-16.466 GAT-16.466 GAT-16.467 TAG NO. BRXA-602 BRXA-602 BRX-62.20 BRX-16.207 BRX-16.209	Operator: CO = Hand crank operator Bench Stand; FS = Floor Stand; IFS I LOCATION I GRIT INFLUENT CHANNELS S BIO 2 BIO 2 BIO 2 S BIO 2 BIO 3 BIO 3 BIO 4 BIO 4 BIO 2 AN-1 BIO 2 AN-2 BIO 2 AX-2 BIO 2 AX-2 BIO 2 AX-2 BIO 2 AX-2	with 2-Inch AWN = Interconnect F WIDTH OF OPENING 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 2000000000000000000000000000000000000	HEIGHT OF STOP PLATE P 8' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 5' EXISTING M 5	MAX HI SEATING 6.25' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14	STOP PLATE EAD (FT) UNSEATING - - - - - - - - - - - - - - - - - - -	E SCHEDUI MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC	REAM OF GRI CESS TO TRE CESS TO TRE	DES T INFLUENT CH/ NCH DRAIN THR NCH DRAIN THR Y-21.320 GRIT Y-31.330 GRIT - GRIT - GRIT	CRIPTION NNEL SLIDE GAT JUGH EXISTING JUGH EXISTING - UPPI JULIDING - UPPI JULIDING - UPPI	TE DURIN WALL WALL WALL WALL WALL WALL WALL WAL	G MAINTENAN MISCE R R R R R R 12 TI 2 12 TI 2 12 TI 2	ELLANEOUS EQU TYPE GRIT WASHER GRIT WASHER RAY HEADCELL	UIPMENT SC R R R L UNIT L UNIT	CHEDULE SERVICE CAPACITY/SL GRIT 1.5 TON/HR GRIT 1.5 TON/HR GRIT 1.5 TON/HR GRIT 1.2 TOIA, TRA	3 3 3 Y - Y -	(BID ALT) GRIT BASIN N	D. 1 D. 2		
TAG NO. GAT-11.61 GAT-16.265 GAT-16.267 GAT-16.365 GAT-16.366 GAT-16.366 GAT-16.466 GAT-16.466 GAT-16.467 TAG NO. BRXA-602 BRX-6.207 BRX-16.207 BRX-16-209	Operator: CO = Hand crank operator Bench Stand; FS = Floor Stand; IFS I LOCATION I GRIT INFLUENT CHANNELS 5 BIO 2 6 BIO 2 5 BIO 3 7 BIO 3 5 BIO 4 5 BIO 4 8 BIO 4 9 BIO 2 9 BIO 2 9 BIO 4 9 BIO 2 9 BIO 2 9 BIO 2 9 AN-1 9 BIO 2 9 AN-1 9 BIO 2 9	with 2-Inch AWN = Interconnect F WIDTH OF OPENING 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 2000000000000000000000000000000000000	Height of stop PLATE P 8' 9'' 9'' 9'' 5 5 5 5	MAX HI SEATING 6.25' 14' 0ESCF MIXER - REF ANOXIC ZC ANOXIC ZC ANOXIC ZC	STOP PLATE EAD (FT) UNSEATING - - - - - - - - - - - - - - - - - - -	E SCHEDUI MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC	REAM OF GRI CESS TO TRE CESS TO TRE	DES T INFLUENT CH/ NCH DRAIN THR NCH DRAIN THR Y-21.320 GRIT Y-31.330 GRIT - GRIT - GRIT	CRIPTION NNEL SLIDE GAT JUGH EXISTING JUGH EXISTING DUGH EXISTING DUGH EXISTING JUGH EXISTING - UPPI JULDING - LOWE	TE DURIN WALL WALL WALL WALL WALL WALL WALL WAL	G MAINTENAN MISCE R R R R R R 12 TI 2 12 TI 2 12 TI 2	ICE ELLANEOUS EQU TYPE GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER RAY HEADCELL	UIPMENT SC R R R L UNIT L UNIT	CHEDULE SERVICE CAPACITY/SIZ GRIT 1.5 TON/HR GRIT 1.5 TON/HR GRIT 1.2 DIA. TRA GRIT 12 DIA. TRA	3 3 3 Y - Y -	(BID ALT) GRIT BASIN N GRIT BASIN N	D. 1 D. 2		
TAG NO. GAT-21.151 GAT-16.265 GAT-16.265 GAT-16.365 GAT-16.367 GAT-16.367 GAT-16.465 GAT-16.465 GAT-16.467 TAG NO. BRX-602 BRX-602 BRX-602 BRX-6020 BRX-16.207 BRX-16.207 BRX-16.207	Operator: CO = Hand crank operator Bench Stand; FS = Floor Stand; IFS LOCATION GRIT INFLUENT CHANNELS BIO 2 BIO 2 BIO 2 BIO 3 BIO 3 BIO 4 BIO 2 BIO 2 BIO 3 BIO 2 BIO 3 BIO 2 BIO 2 BIO 3 BIO 2 BIO 3 BIO 2 BIO 3 BIO 2 BIO 3 BIO 2 BIO 3 </td <td>with 2-Inch AWN = Interconnect F WIDTH OF OPENING 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.</td> <td>Height OF Particular 8' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 5'' EDULE 5'' EXISTING M 5'' 5' 5'' 5' EXISTING M</td> <td>MAX HI SEATING 6.25 14' 14' 14' 14' 14' 14' 14' 14' 14' 14'</td> <td>STOP PLATE EAD (FT) UNSEATING - - - - - - - - - - - - - - - - - - -</td> <td>E SCHEDUI MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP</td> <td>E PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC</td> <td>REAM OF GRI CESS TO TRE CESS TO TRE</td> <td>DES T INFLUENT CH/ NCH DRAIN THR NCH DRAIN THR Y-21.320 GRIT Y-31.330 GRIT - GRIT - GRIT</td> <td>CRIPTION NNEL SLIDE GAT JUGH EXISTING JUGH EXISTING DUGH EXISTING DUGH EXISTING JUGH EXISTING - UPPI JULDING - LOWE</td> <td>TE DURIN WALL WALL WALL WALL WALL WALL WALL WAL</td> <td>G MAINTENAN MISCE R R R R R R 12 TI 2 12 TI 2 12 TI 2</td> <td>ICE ELLANEOUS EQU TYPE GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER RAY HEADCELL</td> <td>UIPMENT SC R R R L UNIT L UNIT</td> <td>CHEDULE SERVICE CAPACITY/SIZ GRIT 1.5 TON/HR GRIT 1.5 TON/HR GRIT 1.2 DIA. TRA GRIT 12 DIA. TRA</td> <td>3 3 3 Y - Y -</td> <td>(BID ALT) GRIT BASIN N GRIT BASIN N</td> <td>D. 1 D. 2</td> <td></td> <td></td>	with 2-Inch AWN = Interconnect F WIDTH OF OPENING 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	Height OF Particular 8' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 5'' EDULE 5'' EXISTING M 5'' 5' 5'' 5' EXISTING M	MAX HI SEATING 6.25 14' 14' 14' 14' 14' 14' 14' 14' 14' 14'	STOP PLATE EAD (FT) UNSEATING - - - - - - - - - - - - - - - - - - -	E SCHEDUI MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC	REAM OF GRI CESS TO TRE CESS TO TRE	DES T INFLUENT CH/ NCH DRAIN THR NCH DRAIN THR Y-21.320 GRIT Y-31.330 GRIT - GRIT - GRIT	CRIPTION NNEL SLIDE GAT JUGH EXISTING JUGH EXISTING DUGH EXISTING DUGH EXISTING JUGH EXISTING - UPPI JULDING - LOWE	TE DURIN WALL WALL WALL WALL WALL WALL WALL WAL	G MAINTENAN MISCE R R R R R R 12 TI 2 12 TI 2 12 TI 2	ICE ELLANEOUS EQU TYPE GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER RAY HEADCELL	UIPMENT SC R R R L UNIT L UNIT	CHEDULE SERVICE CAPACITY/SIZ GRIT 1.5 TON/HR GRIT 1.5 TON/HR GRIT 1.2 DIA. TRA GRIT 12 DIA. TRA	3 3 3 Y - Y -	(BID ALT) GRIT BASIN N GRIT BASIN N	D. 1 D. 2		
TAG NO. GAT-21.151 GAT-16.265 GAT-16.267 GAT-16.365 GAT-16.365 GAT-16.365 GAT-16.466 GAT-16.466 GAT-16.467 TAG NO. BRX-602 BRX-602 BRX-602 BRX-60.20 BRX-60	Operator: CO = Hand crank operator Bench Stand; FS = Floor Stand; IFS I LOCATION I GRIT INFLUENT CHANNELS 5 BIO 2 6 BIO 2 7 BIO 2 8 BIO 3 7 BIO 3 8 BIO 4 6 BIO 4 7 BIO 4 8 BIO 4 9 BIO 4 9 BIO 4 9 BIO 2 9 AN-1 9 AN-1 9 BIO 2 9 AN-2 9 BIO 2 9 BIO 3 9 AN-1 9 BIO 3 9	with 2-Inch AWN = Interconnect F WIDTH OF OPENING 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	HEIGHT OF STOP PLATE P 8' 9' 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 10" 5 EXISTING M	MAX HI SEATING 6.25' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14	STOP PLATE EAD (FT) UNSEATING - - - - - - - - - - - - - - - - - - -	E SCHEDUI MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC	REAM OF GRI CESS TO TRE CESS TO TRE	DES T INFLUENT CH/ NCH DRAIN THR NCH DRAIN THR Y-21.320 GRIT Y-31.330 GRIT - GRIT - GRIT	CRIPTION NNEL SLIDE GAT JUGH EXISTING JUGH EXISTING DUGH EXISTING DUGH EXISTING JUGH EXISTING - UPPI JULDING - LOWE	TE DURIN WALL WALL WALL WALL WALL WALL WALL WAL	G MAINTENAN MISCE R R R R R R 12 TI 2 12 TI 2 12 TI 2	ICE ELLANEOUS EQU TYPE GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER RAY HEADCELL	UIPMENT SC R R R L UNIT L UNIT	CHEDULE SERVICE CAPACITY/SIZ GRIT 1.5 TON/HR GRIT 1.5 TON/HR GRIT 1.2 DIA. TRA GRIT 12 DIA. TRA	3 3 3 Y - Y -	(BID ALT) GRIT BASIN N GRIT BASIN N	D. 1 D. 2		
TAG NO. GAT-21.151 GAT-16.265 GAT-16.265 GAT-16.365 GAT-16.367 GAT-16.367 GAT-16.466 GAT-16.466 GAT-16.466 GAT-16.467 BRX-602 BRX-602 BRX-602 BRX-620 BRX-620 BRX-620 BRX-620 BRX-620 BRX-620 BRX-620 BRX-63	Operator: CO = Hand crank operator Bench Stand; FS = Floor Stand; IFS I LOCATION I GRIT INFLUENT CHANNELS S BIO 2 BIO 2 BIO 2 S BIO 2 BIO 3 BIO 3 I BIO 4 BIO 2 AN-1 VERTICAL MI BIO 4 BIO 2 AN-1 BIO 2 AN-2 BIO 2 AN-3 BIO 2 AN-4 BIO 2 AN-2 BIO 3 AN-1 BIO 4 BIO 4	with 2-Inch AWN = Interconnect F WIDTH OF OPENING 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 2000000000000000000000000000000000000	Height of STOP PLATE P 8' 9'' 9'' 9'' 5' 5' 5 5' 5 5' 5 5'	MAX HI SEATING 6.25' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14	STOP PLATE EAD (FT) UNSEATING - - - - - - - - - - - - - - - - - - -	E SCHEDUI MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC	REAM OF GRI CESS TO TRE CESS TO TRE	DES T INFLUENT CH/ NCH DRAIN THR NCH DRAIN THR Y-21.320 GRIT Y-31.330 GRIT - GRIT - GRIT	CRIPTION NNEL SLIDE GAT JUGH EXISTING JUGH EXISTING DUGH EXISTING DUGH EXISTING JUGH EXISTING - UPPI JULDING - LOWE	TE DURIN WALL WALL WALL WALL WALL WALL WALL WAL	G MAINTENAN MISCE R R R R R R 12 TI 2 12 TI 2 12 TI 2	ICE ELLANEOUS EQU TYPE GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER RAY HEADCELL	UIPMENT SC R R R L UNIT L UNIT	CHEDULE SERVICE CAPACITY/SIZ GRIT 1.5 TON/HR GRIT 1.5 TON/HR GRIT 1.2 DIA. TRA GRIT 12 DIA. TRA	3 3 3 Y - Y -	(BID ALT) GRIT BASIN N GRIT BASIN N	D. 1 D. 2		
TAG NO. GAT-21.151 GAT-16.265 GAT-16.265 GAT-16.367 GAT-16.367 GAT-16.367 GAT-16.465 GAT-16.465 GAT-16.467 TAG NO. BRX-6.020 BRX-66.207 BRX-66.207 BRX-66.208 BRX-66.208 BRX-66.208 BRX-66.208 BRX-66.208 BRX-66.208 BRX-66.208 BRX-66.208 BRX-66.208 BRX-66.208 BRX-66.208 BRX-66.208 BRX-66.208 BRX-66.208 BRX-66.208 BRX-66.309 BRX-66.309	Operator: CO = Hand crank operator Bench Stand; FS = Floor Stand; IFS I LOCATION 1 GRIT INFLUENT CHANNELS 5 BIO 2 8 BIO 2 8 BIO 2 9 BIO 3 6 BIO 3 6 BIO 3 7 BIO 4 8 BIO 4 9 BIO 2 9 BIO 4 9 BIO 2 9 BIO 3 9 BIO 3 9 BIO 3 9	with 2-Inch AWN = Interconnect F WIDTH OF OPENING 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 2000000000000000000000000000000000000	Height OF Second Stand; PS = Pe Height OF 9 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 5" EDULE 5 EXISTING M 5 5 5 5 5 5 EXISTING M 5 EXISTING M 5 EXISTING M 5 EXISTING M 5 5	MAX HI SEATING 6.25 14' 14' 14' 14' 14' 14' 14' 14' 14' 14'	STOP PLATE EAD (FT) UNSEATING - - - - - - - - - - - - - - - - - - -	E SCHEDUI MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC	REAM OF GRI CESS TO TRE CESS TO TRE	DES T INFLUENT CH/ NCH DRAIN THR NCH DRAIN THR SCH DRAIN THR G NO. U-21.310 GRIT V-31.330 GRIT - GRIT - GRIT	CRIPTION NNEL SLIDE GAT JUGH EXISTING JUGH EXISTING DUGH EXISTING DUGH EXISTING JUGH EXISTING - UPPI JULDING - LOWE	TE DURIN WALL WALL WALL WALL WALL WALL WALL WAL	G MAINTENAN MISCE R R R R R R 12 TI 2 12 TI 2 12 TI 2	ICE ELLANEOUS EQU TYPE GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER RAY HEADCELL	UIPMENT SC R R R L UNIT L UNIT	CHEDULE SERVICE CAPACITY/SIZ GRIT 1.5 TON/HR GRIT 1.5 TON/HR GRIT 1.2 DIA. TRA GRIT 12 DIA. TRA	3 3 3 Y - Y -	(BID ALT) GRIT BASIN N GRIT BASIN N	D. 1 D. 2		
TAG NO. GAT-16.265 GAT-16.265 GAT-16.267 GAT-16.365 GAT-16.365 GAT-16.365 GAT-16.465 GAT-16.467 GAT-16.467 BRX-6.467 BRX-602 BRX-602 BRX-16.200 BRX-16.200 BRX-16.200 BRX-16.200 BRX-16.200 BRX-16.300 BRX-60.307	Operator: CO = Hand crank operator Bench Stand; FS = Floor Stand; IFS I LOCATION GRIT INFLUENT CHANNELS 5 BIO 2 8 BIO 2 9 BIO 2 9 BIO 3 6 BIO 3 7 BIO 4 8 BIO 4 9 BIO 2 9 BIO 3 10 AN-1 VERTICAL MI BIO 2 AN-1 VERTICAL MI BIO 2 AN-2 BIO 2 AN-3 VERTICAL MI BIO 2 AX-3 9 BIO 2 9 BIO 2 9 BIO 2 9 BIO 3 9 BIO 3 9 BIO 3 9 BIO 4 9 BIO 2 9 BIO 2 9 BIO 3 9 BIO 3 9 BIO 3 9 AX-3	with 2-Inch AWN = Interconnect F WIDTH OF OPENING 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 2000000000000000000000000000000000000	HEIGHT OF STOP PLATE P 8' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 5' EXISTING M 5 5 5 5 5 5 EXISTING M	MAX HI SEATING 6.25' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14	STOP PLATE EAD (FT) UNSEATING - - - - - - - - - - - - - - - - - - -	E SCHEDUI MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC	REAM OF GRI CESS TO TRE CESS TO TRE	DES T INFLUENT CH/ NCH DRAIN THR NCH DRAIN THR SCH DRAIN THR G NO. U-21.310 GRIT V-31.330 GRIT - GRIT - GRIT	CRIPTION NNEL SLIDE GAT JUGH EXISTING JUGH EXISTING DUGH EXISTING DUGH EXISTING JUGH EXISTING - UPPI JULDING - LOWE	TE DURIN WALL WALL WALL WALL WALL WALL WALL WAL	G MAINTENAN MISCE R R R R R R 12 TI 2 12 TI 2 12 TI 2	ICE ELLANEOUS EQU TYPE GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER RAY HEADCELL	UIPMENT SC R R R L UNIT L UNIT	CHEDULE SERVICE CAPACITY/SIZ GRIT 1.5 TON/HR GRIT 1.5 TON/HR GRIT 1.2 DIA. TRA GRIT 12 DIA. TRA	3 3 3 Y - Y -	(BID ALT) GRIT BASIN N GRIT BASIN N	D. 1 D. 2		
TAG NO. GAT-21.151 GAT-16.265 GAT-16.267 GAT-16.365 GAT-16.365 GAT-16.366 GAT-16.466 GAT-16.466 GAT-16.467 BAT-16.468 BAT-16.400 BRX-602 BRX-620 BRX-6200 BRX-6200 BRX-6200 BRX-6300 BRX-6300 BRX-6300 BRX-6300 BRX-6300 BRX-6300 BRX-6300 BRX-6300 BRX-6300 BRX-6400	Operator: CO = Hand crank operator Bench Stand; FS = Floor Stand; IFS I LOCATION I GRIT INFLUENT CHANNELS 5 BIO 2 3 BIO 2 4 BIO 2 5 BIO 3 6 BIO 3 7 BIO 3 8 BIO 3 6 BIO 4 8 BIO 4 8 BIO 4 8 BIO 4 8 BIO 4 9 BIO 2 9 BIO 3 9	with 2-Inch AWN = Interconnect F WIDTH OF OPENING 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 2000000000000000000000000000000000000	HEIGHT OF STOP PLATE P 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 5 5 5	MAX HI SEATING 6.25' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14	STOP PLATE EAD (FT) UNSEATING - - - - - - - - - - - - - - - - - - -	E SCHEDUI MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC	REAM OF GRI CESS TO TRE CESS TO TRE	DES T INFLUENT CH/ NCH DRAIN THR NCH DRAIN THR SCH DRAIN THR G NO. U-21.310 GRIT V-31.330 GRIT - GRIT - GRIT	CRIPTION NNEL SLIDE GAT JUGH EXISTING JUGH EXISTING DUGH EXISTING DUGH EXISTING JUGH EXISTING - UPPI JULDING - LOWE	TE DURIN WALL WALL WALL WALL WALL WALL WALL WAL	G MAINTENAN MISCE R R R R R R 12 TI 2 12 TI 2 12 TI 2	ICE ELLANEOUS EQU TYPE GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER RAY HEADCELL	UIPMENT SC R R R L UNIT L UNIT	CHEDULE SERVICE CAPACITY/SIZ GRIT 1.5 TON/HR GRIT 1.5 TON/HR GRIT 1.2 DIA. TRA GRIT 12 DIA. TRA	3 3 3 Y - Y -	(BID ALT) GRIT BASIN N GRIT BASIN N	D. 1 D. 2		
TAG NO. GAT-21.151 GAT-16.265 GAT-16.266 GAT-16.365 GAT-16.365 GAT-16.366 GAT-16.466 GAT-16.466 GAT-16.466 GAT-16.467 BRX-602 BRX-602 BRX-602 BRX-6120 BRX-6120 BRX-6120 BRX-6120 BRX-6120 BRX-6300 BRX-6400 BRX-6	Operator: CO = Hand crank operator Bench Stand; FS = Floor Stand; IFS I LOCATION I GRIT INFLUENT CHANNELS 5 BIO 2 3 BIO 2 4 BIO 2 5 BIO 3 7 BIO 3 8 BIO 3 9 BIO 4 1 BIO 2 8 BIO 4 9 BIO 4 9 BIO 4 9 BIO 2 9 BIO 4 9 BIO 2 9 BIO 4 9 BIO 2 9 BIO 3 9 BIO 3 9 BIO 3 9 BIO 3 9	with 2-Inch AWN = Interconnect F WIDTH OF OPENING 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 2000000000000000000000000000000000000	HEIGHT OF STOP PLATE HEIGHT OF STOP PLATE 8' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 5' EXISTING M 5 EXISTING M	MAX HI SEATING 6.25' 14' <	STOP PLATE EAD (FT) UNSEATING - - - - - - - - - - - - - - - - - - -	E SCHEDUI MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC	REAM OF GRI CESS TO TRE CESS TO TRE	DES T INFLUENT CH/ NCH DRAIN THR NCH DRAIN THR SCH DRAIN THR G NO. U-21.310 GRIT V-31.330 GRIT - GRIT - GRIT	CRIPTION NNEL SLIDE GAT JUGH EXISTING JUGH EXISTING DUGH EXISTING DUGH EXISTING JUGH EXISTING - UPPI JULDING - LOWE	TE DURIN WALL WALL WALL WALL WALL WALL WALL WAL	G MAINTENAN MISCE R R R R R R 12 TI 2 12 TI 2 12 TI 2	ICE ELLANEOUS EQU TYPE GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER RAY HEADCELL	UIPMENT SC R R R L UNIT L UNIT	CHEDULE SERVICE CAPACITY/SIZ GRIT 1.5 TON/HR GRIT 1.5 TON/HR GRIT 1.2 DIA. TRA GRIT 12 DIA. TRA	3 3 3 Y - Y -	(BID ALT) GRIT BASIN N GRIT BASIN N	D. 1 D. 2		
TAG NO. GAT-21.151 GAT-16.265 GAT-16.265 GAT-16.367 GAT-16.367 GAT-16.367 GAT-16.465 GAT-16.465 GAT-16.467 TAG NO. BRXA-602 BRX-602 BRX-602 BRX-60.207 BRX	Operator: CO = Hand crank operator Bench Stand; FS = Floor Stand; IFS I GRIT INFLUENT CHANNELS 5 BIO 2 8 BIO 2 8 BIO 2 9 BIO 2 9 BIO 3 6 BIO 3 7 BIO 4 8 BIO 4 9 BIO 2 9 BIO 4 9 BIO 4 9 BIO 2 9 BIO 2 9 BIO 3 9 BIO 2 9 BIO 3 9 BIO 2 9 BIO 2 9 BIO 3 9	with 2-Inch AWN = Interconnect F OPENING 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 2000000000000000000000000000000000000	Height OF Second Stand; PS = Pe Bit Stop PLATE 9 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 5 EXISTING M 5 5 <	MAX HI SEATING 6.25 14' 14' 14' 14' 14' 14' 14' 14' 14' 14'	STOP PLATE EAD (FT) UNSEATING - - - - - - - - - - - - - - - - - - -	E SCHEDUI MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC	REAM OF GRI CESS TO TRE CESS TO TRE	DES T INFLUENT CH/ NCH DRAIN THR NCH DRAIN THR SCH DRAIN THR G NO. U-21.310 GRIT V-31.330 GRIT - GRIT - GRIT	CRIPTION NNEL SLIDE GAT JUGH EXISTING JUGH EXISTING DUGH EXISTING DUGH EXISTING JUGH EXISTING - UPPI JULDING - LOWE	TE DURIN WALL WALL WALL WALL WALL WALL WALL WAL	G MAINTENAN MISCE R R R R R R 12 TI 2 12 TI 2 12 TI 2	ICE ELLANEOUS EQU TYPE GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER RAY HEADCELL	UIPMENT SC R R R L UNIT L UNIT	CHEDULE SERVICE CAPACITY/SIZ GRIT 1.5 TON/HR GRIT 1.5 TON/HR GRIT 1.2 DIA. TRA GRIT 12 DIA. TRA	3 3 3 Y - Y -	(BID ALT) GRIT BASIN N GRIT BASIN N	D. 1 D. 2		
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TAG NO. GAT-21.151 GAT-16.265 GAT-16.265 GAT-16.365 GAT-16.365 GAT-16.365 GAT-16.466 GAT-16.466 GAT-16.466 GAT-16.466 GAT-16.466 BRXA-602 BRX-602 BRX-16.200 BRX-16.200 BRX-16.200 BRX-16.300 GRX-16.300 GRX-16.300 GRX-16.300 GRX-16.300 GRX-16.300 GRX-16.300 GRX-16.300 GRX-16.300 GRX-16.300 GRX-16.300 GRX-16.300 GRX-16.300 GRX-16.400 GRX-16.400 GRX-16.400 GRX-16.400	Operator: CO = Hand crank operator Bench Stand; FS = Floor Stand; IFS I LOCATION I GRIT INFLUENT CHANNELS 5 BIO 2 3 BIO 2 4 BIO 2 5 BIO 3 5 BIO 3 6 BIO 3 5 BIO 3 6 BIO 4 6 BIO 4 7 BIO 2 8 BIO 4 8 BIO 4 9 BIO 2 9 BIO 3 9	with 2-Inch AWN = Interconnect F WIDTH OF OPENING 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 2000000000000000000000000000000000000	HEIGHT OF STOP PLATE P 8' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 5' 5' EXISTING M 5 EXISTING M 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 6 5' 5 5' 5 5' 5 5' 5 5' 5 5' <td>MAX HI SEATING 6.25' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14</td> <td>STOP PLATE EAD (FT) UNSEATING - - - - - - - - - - - - - - - - - - -</td> <td>E SCHEDUI MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP</td> <td>E PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC</td> <td>REAM OF GRI CESS TO TRE CESS TO TRE</td> <td>DESS T INFLUENT CH/ NCH DRAIN THR NCH DRAIN THR SG NO. V-21.310 GRIT V-31.330 GRIT - GRIT - GRIT</td> <td>CRIPTION NNEL SLIDE GAT JUGH EXISTING JUGH EXISTING DUGH EXISTING DUGH EXISTING JUGH EXISTING - UPPI JULDING - LOWE</td> <td>TE DURIN WALL WALL WALL WALL WALL WALL WALL WAL</td> <td>G MAINTENAN MISCE R R R R R R 12 TI 2 12 TI 2 12 TI 2</td> <td>ICE ELLANEOUS EQU TYPE GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER RAY HEADCELL</td> <td>UIPMENT SC R R R L UNIT L UNIT</td> <td>CHEDULE SERVICE CAPACITY/SIZ GRIT 1.5 TON/HR GRIT 1.5 TON/HR GRIT 1.2 DIA. TRA GRIT 12 DIA. TRA</td> <td>3 3 3 Y - Y -</td> <td>(BID ALT) GRIT BASIN N GRIT BASIN N</td> <td>D. 1 D. 2</td> <td></td> <td></td>	MAX HI SEATING 6.25' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14	STOP PLATE EAD (FT) UNSEATING - - - - - - - - - - - - - - - - - - -	E SCHEDUI MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC	REAM OF GRI CESS TO TRE CESS TO TRE	DESS T INFLUENT CH/ NCH DRAIN THR NCH DRAIN THR SG NO. V-21.310 GRIT V-31.330 GRIT - GRIT - GRIT	CRIPTION NNEL SLIDE GAT JUGH EXISTING JUGH EXISTING DUGH EXISTING DUGH EXISTING JUGH EXISTING - UPPI JULDING - LOWE	TE DURIN WALL WALL WALL WALL WALL WALL WALL WAL	G MAINTENAN MISCE R R R R R R 12 TI 2 12 TI 2 12 TI 2	ICE ELLANEOUS EQU TYPE GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER RAY HEADCELL	UIPMENT SC R R R L UNIT L UNIT	CHEDULE SERVICE CAPACITY/SIZ GRIT 1.5 TON/HR GRIT 1.5 TON/HR GRIT 1.2 DIA. TRA GRIT 12 DIA. TRA	3 3 3 Y - Y -	(BID ALT) GRIT BASIN N GRIT BASIN N	D. 1 D. 2		
TAG NO. GAT-16.265 GAT-16.265 GAT-16.267 GAT-16.365 GAT-16.365 GAT-16.365 GAT-16.465 GAT-16.467 GAT-16.467 GAT-16.467 BRX-602 BRX-602 BRX-620 BRX-6203 BRX-6203 BRX-6203 BRX-6203 BRX-6307 BRX-6307 BRX-6307 BRX-6307 BRX-6307 BRX-6307 BRX-6307 BRX-6307 BRX-6307 BRX-6307 BRX-6437 BRX-6437 BRX-6437 BRX-6437 BRX-6447 BRX-6	Operator: CO = Hand crank operator Bench Stand; FS = Floor Stand; IFS I LOCATION I GRIT INFLUENT CHANNELS 5 BIO 2 3 BIO 2 4 BIO 2 5 BIO 3 5 BIO 3 6 BIO 3 5 BIO 3 6 BIO 4 6 BIO 4 7 BIO 2 8 BIO 4 8 BIO 4 9 BIO 2 9 BIO 3 9	with 2-Inch AWN = Interconnect F WIDTH OF OPENING 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 2000000000000000000000000000000000000	HEIGHT OF STOP PLATE P 8' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 5' 5' 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 6 5' 5 5' 5 5' 5 5' 5 5'	MAX HI SEATING 6.25' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14	STOP PLATE EAD (FT) UNSEATING - - - - - - - - - - - - - - - - - - -	E SCHEDUI MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC	REAM OF GRI CESS TO TRE CESS TO TRE	DESS T INFLUENT CH/ NCH DRAIN THR NCH DRAIN THR SG NO. V-21.310 GRIT V-31.330 GRIT - GRIT - GRIT	CRIPTION NNEL SLIDE GAT JUGH EXISTING JUGH EXISTING DUGH EXISTING DUGH EXISTING JUGH EXISTING - UPPI JULDING - LOWE	TE DURIN WALL WALL WALL WALL WALL WALL WALL WAL	G MAINTENAN MISCE R R R R R R 12 TI 2 12 TI 2 12 TI 2	ICE ELLANEOUS EQU TYPE GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER RAY HEADCELL	UIPMENT SC R R R L UNIT L UNIT	CHEDULE SERVICE CAPACITY/SIZ GRIT 1.5 TON/HR GRIT 1.5 TON/HR GRIT 1.2 DIA. TRA GRIT 12 DIA. TRA	3 3 3 Y - Y -	(BID ALT) GRIT BASIN N GRIT BASIN N	D. 1 D. 2		
TAG NO. GAT-21.161 GAT-16.265 GAT-16.267 GAT-16.365 GAT-16.365 GAT-16.366 GAT-16.367 GAT-16.466 GAT-16.467 BAT-16.467 BRX-602 BRX-602 BRX-602 BRX-6120 BRX-6120 BRX-6303 BRX-16.309 BRX-6303 BRX-6309 BRX-6309 BRX-6309 BRX-6309 BRX-6430 BRX-6430 BRX-6440 BRX	Operator: CO = Hand crank operator Bench Stand; FS = Floor Stand; IFS I LOCATION I GRIT INFLUENT CHANNELS 5 BIO 2 3 BIO 2 4 BIO 2 5 BIO 3 5 BIO 3 6 BIO 3 5 BIO 3 6 BIO 4 6 BIO 4 7 BIO 2 8 BIO 4 8 BIO 4 9 BIO 2 9 BIO 3 9	with 2-Inch AWN = Interconnect F WIDTH OF OPENING 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 2000000000000000000000000000000000000	HEIGHT OF STOP PLATE P 8' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 5' 5' 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 6 5' 5 5' 5 5' 5 5' 5 5'	MAX HI SEATING 6.25' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14	STOP PLATE EAD (FT) UNSEATING - - - - - - - - - - - - - - - - - - -	E SCHEDUI MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC	REAM OF GRI CESS TO TRE CESS TO TRE	DESS T INFLUENT CH/ NCH DRAIN THR NCH DRAIN THR SG NO. V-21.310 GRIT V-31.330 GRIT - GRIT - GRIT	CRIPTION VINEL SLIDE GAT UGH EXISTING UGH EX	E DURIN WALL WALL WALL WALL WALL WALL WALL WAL	G MAINTENAN MISCE R R R R R 12 T R 12 T R 12 T	ELLANEOUS EQU TYPE GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER RAY HEADCELL RAY HEADCELL RAY HEADCELL	UIPMENT SC R R L UNIT L UNIT L UNIT	CHEDULE SERVICE CAPACITY/SIZ GRIT 1.5 TON/HR GRIT 1.5 TON/HR GRIT 1.5 TON/HR GRIT 12' DIA. TRA' GRIT 12' DIA. TRA' GRIT 12' DIA. TRA'	: 3 : 3 : 3 Y - Y - G	(BID ALT) GRIT BASIN NI GRIT BASIN NG RIT BASIN NO. 3 (D. 1 D. 2 BID ALT)		
TAG NO. GAT-21.151 GAT-16.265 GAT-16.267 GAT-16.365 GAT-16.365 GAT-16.366 GAT-16.466 GAT-16.466 GAT-16.467 GAT-16.467 BRX-602 BRX-602 BRX-602 BRX-603 BRX-603 BRX-603 BRX-6309 BRX-6309 BRX-6309 BRX-6309 BRX-6400	Operator: CO = Hand crank operator Bench Stand; FS = Floor Stand; IFS LOCATION GRIT INFLUENT CHANNELS BIO 2 BIO 2 BIO 2 BIO 2 BIO 3 BIO 3 BIO 3 BIO 4 BIO 2 BIO 4 BIO 2 BIO 3 BIO 4 BIO 2 BIO 3 BIO 2 BIO 3 BIO 4 BIO 2 BIO 3 BIO 2 AN-1 BIO 2 AX-3 BIO 3 BIO 4 BIO 3 AX-3 PERTICAL MI BIO 4 BIO 3 AX-3	with 2-Inch AWN = Interconnect F WIDTH OF OPENING 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 2000000000000000000000000000000000000	HEIGHT OF STOP PLATE P 8' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 9'' 5' 5' 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5' 5 5'	MAX HI SEATING 6.25' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14	STOP PLATE EAD (FT) UNSEATING - - - - - - - - - - - - - - - - - - -	E SCHEDUI MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC PROVIDES ACC	REAM OF GRI CESS TO TRE CESS TO TRE	DESS T INFLUENT CH/ NCH DRAIN THR NCH DRAIN THR SG NO. V-21.310 GRIT V-31.330 GRIT - GRIT - GRIT	CRIPTION VINEL SLIDE GAT UGH EXISTING UGH EX	E DURIN WALL WALL WALL WALL WALL WALL WALL WAL	G MAINTENAN MISCE R R R R R 12 T R 12 T R 12 T	ELLANEOUS EQU TYPE GRIT WASHER GRIT WASHER GRIT WASHER GRIT WASHER RAY HEADCELL RAY HEADCELL RAY HEADCELL	UIPMENT SC R R L UNIT L UNIT L UNIT	CHEDULE SERVICE CAPACITY/SIZ GRIT 1.5 TON/HR GRIT 1.5 TON/HR GRIT 1.2 DIA. TRA GRIT 12 DIA. TRA	: 3 : 3 : 3 Y - Y - G	(BID ALT) GRIT BASIN N GRIT BASIN NO. 3 (RIT BASIN NO. 3 (D. 1 D. 2	3 JOB 1 10548,	

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			V	ALVE SCHEI	DULE (CONTIN	IUED)															
SV-21.265			UW			CTRIC		IMP SEAL WAT													
SV-21.314		- sv	UW				WASH WATER														
SV-21.324 SV-21.334		- SV LT) - SV	UW				WASH WATER														
0.11.001										.,											
						UMP SCHEI	DUILE								Т						
TAG NO.	LOCATION ZONE	TYP	E		SERVICE			DH (FT) CONT	ROL MAX SPEE		PHASE	DI	ESCRIPTION	4	1						
PMP-16.261		SUBMERSIBLE	AXIAL FLOW		MLR	25		3.5 VF	D 590	460	3	INTERN/	AL RECYCLE	E BIO. 2	1						
PMP-16.262		SUBMERSIBLE			MLR	25		3.5 VF		460	3		AL RECYCLE								
PMP-16.361		SUBMERSIBLE			MLR	25		3.5 VF		460	3		AL RECYCLE		4						
PMP-16.362 PMP-16.461		SUBMERSIBLE SUBMERSIBLE			MLR MLR	25		3.5 VF 3.5 VF		460	3		AL RECYCLE		-						
PMP-16.462		SUBMERSIBLE			MLR	25		3.5 VF		460	3		AL RECYCLE		1						
PMP-21.210	GRIT - HORIZO	NTAL RECESSED IN	MPELLER CENTRIF	UGAL	GRIT	7.5	300	26.5 FIX	D 1500	480	3	GR	IT PUMP NO.	.1]						
PMP-21.220		NTAL RECESSED IN			GRIT	7.5		26.5 FIX		480	3		IT PUMP NO.		-						
PMP-21.230 PMP-21.240		NTAL RECESSED IN NTAL RECESSED IN			GRIT	7.5		26.5 FIX 26.5 FIX		480	3		IT PUMP NO.		-						
PMP-21.250		NTAL RECESSED IN			GRIT	7.5		26.5 FIX		480			Y PUMP NO.		1						
PMP-21.260		NTAL RECESSED IN			GRIT	7.5		26.5 FIX		480			Y PUMP NO.]						
																	7				
				MAY	HEAD (FT)	1		(2)		TUPE (-	<u>г</u>						-				
TAG NO.	LOCATION	TYPE	SERVICE		HEAD (FT)	TYPE OF CLOSURE			MOUNTING	TYPE OF FRAME ⁽⁴⁾	STEM ⁽⁵⁾	DPERATOR ⁽⁶⁾		DES	SCRIPTION						
GAT-21.112	GRIT INFLUENT CHANNEL NO	D.1 SLIDE GATE	GRIT BASIN NO		-	FB	- 4	6.5'	FM	SC	NRS	мо	GATES TO	BE CONTRA	AINED FOR O	DOR CONTROL	1				
	GRIT INFLUENT CHANNEL NO				-	FB	- 4'	6.5'	FM	SC	NRS	МО				DOR CONTROL	4				
GAT-21.132	GRIT INFLUENT CHANNEL NO				-	FB	- 4'	6.5'	FM	SC	NRS	MO				DOR CONTROL	_				
GAT-16.263 GAT-16.363	BIO 2 MLR BIO 3 MLR	SLIDE GATE	MLR	15.7' 15.7'	12.7'	STD STD	3'	3'	FM	NSC NSC	NRS NRS	CO CO			STEM AT GR/ STEM AT GR/		-				
GAT-16.463	BIO 4 MLR	SLIDE GATE		15.7'	12.7'	STD	- 3'	3'	FM	NSC	NRS	со	1		STEM AT GR		-				
Notes:							•														
1	Closure: DO = Downward Open		m; STD = Standard.																		
-2	Gate design pressure applied at	centerIne of gate.																			
	Mounting: FM = Face Mounted;	EC = Inside Existing	Channel; EMB = Em	nbedded; SP	= Spigot back; F	FWT = "F" W	/all Thimble; EWT =	"E" Wall Thimbl													
-3 -4	Mounting: FM = Face Mounted; Frame: SC = Self-Contained; NS					FWT = "F" W	/all Thimble; EWT =	"E" Wa∎ Thimbl	9												
-3	Mounting: FM = Face Mounted; Frame: SC = Self-Contained; NS Stem: RS = Rising Stem; NRS =	C = Non-Self Contai				FWT = "F" W	/all Thimble; EWT =	"E" Wall Thimbl	8												
-3 -4	Frame: SC = Self-Contained; NS Stem: RS = Rising Stem; NRS = Operator: CO = Hand crank ope	C = Non-Self Contai Non-Rising Stem ator with 2-Inch AW	ined; F = Flatback; F WA nut for portable of	FL = Flange b operator; HW	ack. (= Handwheel; I					r Operator; HC) = Hydrau	lc Operator; M	/HO = Manual	al Hydrau∎c O	perator (Hand	Pump); BS =					
-3 -4 -5	Frame: SC = Self-Contained; NS Stem: RS = Rising Stem; NRS =	C = Non-Self Contai Non-Rising Stem ator with 2-Inch AW	ined; F = Flatback; F WA nut for portable of	FL = Flange b operator; HW	ack. (= Handwheel; I					r Operator; HC) = Hydrau	lc Operator; M	1HO = Manual	al Hydrau∎c O∣	perator (Hand	Pump); BS =					
-3 -4 -5	Frame: SC = Self-Contained; NS Stem: RS = Rising Stem; NRS = Operator: CO = Hand crank ope	C = Non-Self Contai Non-Rising Stem ator with 2-Inch AW	ined; F = Flatback; F WA nut for portable of	FL = Flange b operator; HW	ack. (= Handwheel; I					r Operator; HC) = Hydrau	lc Operator; M	/HO = Manua l	al Hydrau∎c O∣	perator (Hand	Pump); BS =					
-3 -4 -5	Frame: SC = Self-Contained; NS Stem: RS = Rising Stem; NRS = Operator: CO = Hand crank ope	C = Non-Self Contai Non-Rising Stem ator with 2-Inch AW	ined; F = Flatback; F WA nut for portable of	FL = Flange b operator; HW	ack. (= Handwheel; I	HC = Hand c	erank; MO = Motor C			r Operator; HC	D = Hydrau	lc Operator; M	/IHO = Manual	al Hydrau∎c O _l	perator (Hand	Pump); BS =					
-3 -4 -5 -6	Frame: SC = Self-Contained; NS Stem: RS = Rising Stem; NRS = Operator: CO = Hand crank ope Bench Stand; FS = Floor Stand;	C = Non-Self Contai Non-Rising Stem. rator with 2-Inch AW IFS = Interconnect F	ined; F = Flatback; F WA nut for portable Goor Stand; PS = Pe	FL = Flange b operator; HW destal Suppo	ack. (= Handwheel; H ort. STOP PLATE AD (FT)	HC = Hand c	erank; MO = Motor C		Modulating Moto		D = Hydrau	Ic Operator; M	/IHO = Manual	al Hydraulic Op	perator (Hand	Pump); BS =					
-3 -4 -5 -6	Frame: SC = Self-Contained; NS Stem: RS = Rising Stem; NRS = Operator: CO = Hand crank ope Bench Stand; FS = Floor Stand; LOCATION	C = Non-Self Contai Non-Rising Stem. ator with 2-Inch AW IFS = Interconnect F WIDTH OF OPENING	HEIGHT OF	EL = Flange b operator; HW destal Suppo MAX HE SEATING L	ack. (= Handwheel; H ort. STOP PLATE AD (FT)	HC = Hand c E SCHEDUL MATERIAL	crank; MO = Motor C E	perator; MOD =	Modulating Moto	PTION				al Hydraulic Op	perator (Hand	Pump); BS =					
-3 -4 -5 -6 TAG NO. GAT-21.151	Frame: SC = Self-Contained; NS Stem: RS = Rising Stem; NRS = Operator: CO = Hand crank ope Bench Stand; FS = Floor Stand; LOCATION	C = Non-Self Contai Non-Rising Stem. ator with 2-Inch AW IFS = Interconnect F WIDTH OF OPENING S 4'	MA nut for portable of loor Stand; PS = Pe	L = Flange b operator, HW destal Suppo MAX HE SEATING L 6.25'	STOP PLATE AD (FT)	HC = Hand c E SCHEDULI MATERIAL FRP	erank; MO = Motor C E PLACED UPSTREA	perator; MOD =	Modulating Moto	PTION	EDURING			al Hydraulic O _l	perator (Hand	Pump); BS =					
-3 -4 -5 -6	Frame: SC = Self-Contained; NS Stem: RS = Rising Stem; NRS = Operator: CO = Hand crank ope Bench Stand; FS = Floor Stand; LOCATION GRIT INFLUENT CHANNEL BIO 2	C = Non-Self Contai Non-Rising Stem. ator with 2-Inch AW IFS = Interconnect F WIDTH OF OPENING	HEIGHT OF	EL = Flange b operator; HW destal Suppo MAX HE SEATING L	ack. / = Handwheel; H ort. STOP PLATE AD (FT)	HC = Hand c E SCHEDUL MATERIAL FRP FRP	crank; MO = Motor C E	M OF GRIT INF S TO TRENCH	Modulating Moto DESCRIF LUENT CHANNE DRAIN THROUG	PTION EL SLIDE GAT H EXISTING 1	E DURING WALL			al Hydraulic O _l	perator (Hand	Pump); BS =					
-3 -4 -5 -6 TAG NO. GAT-21.151 GAT-16.265	Frame: SC = Self-Contained; NS Stem: RS = Rising Stem; NRS = Operator: CO = Hand crank ope Bench Stand; FS = Floor Stand; LOCATION GRIT INFLUENT CHANNEL BIO 2 BIO 2	C = Non-Self Contai Non-Rising Stem. ator with 2-Inch AWI IFS = Interconnect F WIDTH OF OPENING S 4' 7"	MA nut for portable (Noor Stand; PS = Pe HEIGHT OF STOP PLATE 8' 9"	L = Flange b operator, HW destal Support MAX HE SEATING L 6.25' 14'	ack. (= Handwheel; I ort. STOP PLATE AD (FT) JNSEATING	HC = Hand c E SCHEDUL MATERIAL FRP FRP FRP	E PLACED UPSTREA PROVIDES ACCES	M OF GRIT INF S TO TRENCH S TO TRENCH	Modulating Moto DESCRIF LUENT CHANNE DRAIN THROUG DRAIN THROUG	PTION EL SLIDE GAT H EXISTING 1 H EXISTING 1	E DURING WALL WALL			li Hydraulle O _l	perator (Hand	Pump); BS =					
-3 -4 -5 -6 TAG NO. GAT-21.151 GAT-16.265 GAT-16.267 GAT-16.267 GAT-16.365	Frame: SC = Self-Contained; NS Stem: RS = Rising Stem; NRS = Operator: CO = Hand crank ope Bench Stand; FS = Floor Stand; LOCATION GRIT INFLUENT CHANNEL BIO 2 BIO 2 BIO 2 BIO 2 BIO 3	C = Non-Self Contai Non-Rising Stem. ator with 2-Inch AWU IFS = Interconnect F OPENING S 4' 7" 7" 7" 7"	HEIGHT OF STOP PLATE 8' 9" 9" 9" 9" 9"	FL = Flange b operator; HW MAX HE SEATING 0.25' 14' 14' 14' 14' 14'	ack.	HC = Hand c E SCHEDULI MATERIAL FRP FRP FRP FRP FRP	E PLACED UPSTREA PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES	M OF GRIT INF S TO TRENCH S TO TRENCH S TO TRENCH S TO TRENCH S TO TRENCH	Modulating Moto DESCRIF LUENT CHANNE DRAIN THROUG DRAIN THROUG DRAIN THROUG DRAIN THROUG	PTION EL SLIDE GAT H EXISTING V H EXISTING V H EXISTING V H EXISTING V	E DURING WALL WALL WALL WALL			ll Hydraullc O _l	perator (Hand	Pump); BS =					
-3 -4 -5 -6 TAG NO. GAT-16.265 GAT-16.265 GAT-16.267 GAT-16.267 GAT-16.366	Frame: SC = Self-Contained; NS Stem: RS = Rising Stem; NRS = Operator: CO = Hand crank ope Bench Stand; FS = Floor Stand; LOCATION GRIT INFLUENT CHANNEL BIO 2 BIO 2 BIO 2 BIO 3	C = Non-Self Contai Non-Rising Stem, ator with 2-Inch AWW IFS = Interconnect F OPENING S 4' 7" 7" 7" 7" 7" 7"	HEIGHT OF STOP PLATE 8' 9' 9' 9' 9' 9' 9' 9'	E = Flange b operator; HW destal Suppo MAX HE SEATING L 6.25' 14' 14' 14' 14' 14' 14'	ack. = Handwheel; I rrt. STOP PLATE AD (FT) JNSEATING - - - - - - - - - - - - -	HC = Hand c E SCHEDUL MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP	PLACED UPSTREA PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES	M OF GRIT INF S TO TRENCH S TO TRENCH S TO TRENCH S TO TRENCH S TO TRENCH S TO TRENCH	Modulating Moto DESCRIF LUENT CHANNE DRAIN THROUG DRAIN THROUG DRAIN THROUG DRAIN THROUG DRAIN THROUG	PTION EL SLIDE GAT H EXISTING V H EXISTING V H EXISTING V H EXISTING V	E DURING WALL WALL WALL WALL WALL			ll Hydraullc O	perator (Hand	Pump); BS =					
-3 -4 -5 -6 TAG NO. GAT-21.151 GAT-16.265 GAT-16.267 GAT-16.267	Frame: SC = Self-Contained; NS Stem: RS = Rising Stem; NRS = Operator: CO = Hand crank ope Bench Stand; FS = Floor Stand; LOCATION GRIT INFLUENT CHANNEL BIO 2 BIO 2 BIO 2 BIO 2 BIO 3	C = Non-Self Contai Non-Rising Stem. ator with 2-Inch AWU IFS = Interconnect F OPENING S 4' 7" 7" 7" 7"	HEIGHT OF STOP PLATE 8' 9" 9" 9" 9" 9"	FL = Flange b operator; HW MAX HE SEATING 0.25' 14' 14' 14' 14' 14'	ack.	HC = Hand c E SCHEDUL MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP	E PLACED UPSTREA PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES	M OF GRIT INF S TO TRENCH S TO TRENCH S TO TRENCH S TO TRENCH S TO TRENCH S TO TRENCH S TO TRENCH	Modulating Moto DESCRIF LUENT CHANNE DRAIN THROUG DRAIN THROUG DRAIN THROUG DRAIN THROUG DRAIN THROUG DRAIN THROUG	PTION EL SLIDE GAT H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I	E DURING WALL WALL WALL WALL WALL WALL			l Hydraullc O	perator (Hand	Pump); BS =					
-3 -4 -5 -6 TAG NO. GAT-21.151 GAT-16.265 GAT-16.267 GAT-16.365 GAT-16.365 GAT-16.367	Frame: SC = Self-Contained; NS Stem: RS = Rising Stem; NRS = Operator: CO = Hand crank ope Bench Stand; FS = Floor Stand; LOCATION GRIT INFLUENT CHANNEL BIO 2 BIO 2 BIO 2 BIO 2 BIO 3 BIO 3 BIO 3 BIO 3 BIO 3 BIO 4	C = Non-Self Contai Non-Rising Stem, ator with 2-Inch AWW IFS = Interconnect F WIDTH OF OPENING S 4 ⁴ 7" 7" 7" 7" 7" 7"	HEIGHT OF STOP PLATE 9" 9" 9" 9" 9" 9" 9" 9" 9" 9"	L = Flange b operator; HW MAX HE SEATING 6,25' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14'	ack. = Handwheel; I rt. STOP PLATE AD (FT) INSEATING - - - - - - - - - - - - -	HC = Hand c	E PLACED UPSTREA PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES	M OF GRIT INF S TO TRENCH S TO TRENCH	Modulating Moto DESCRIF LUENT CHANNE DRAIN THROUG DRAIN THROUG DRAIN THROUG DRAIN THROUG DRAIN THROUG DRAIN THROUG DRAIN THROUG	PTION 1. SLIDE GAT H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I	E DURING WALL WALL WALL WALL WALL WALL			l Hydraulic O	perator (Hand	Pump); BS =					
-3 -4 -5 -6 TAG NO. GAT-21.151 GAT-16.265 GAT-16.265 GAT-16.366 GAT-16.366 GAT-16.366 GAT-16.366	Frame: SC = Self-Contained; NS Stem: RS = Rising Stem; NRS = Operator: CO = Hand crank ope Bench Stand; FS = Floor Stand; LOCATION GRIT INFLUENT CHANNEL BIO 2 BIO 2 BIO 2 BIO 3 BIO 3 BIO 3 BIO 3 BIO 3 BIO 3 BIO 4 BIO 4	C = Non-Self Contai Non-Rising Stem, ator with 2-Inch AWW IFS = Interconnect F WIDTH OF OPENING S 4' 7" 7" 7" 7" 7" 7" 7" 7"	HEIGHT OF STOP PLATE 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9"	K = Flange b operator: HW He MAX HE SEATING L 6.25' 1 1 14' 1 1 14' 1 1 14' 1 1 14' 1 1 14' 1 1 14' 1 1 14' 1 1 14' 1 1 14' 1 1 14' 1 1 14' 1 1 14' 1 1	ack. = Handwheel; I stop PLATE AD (FT) JNSEATING - - - - - - - - - - - - -	HC = Hand c E SCHEDULL MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PLACED UPSTRE/A PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES	M OF GRIT INF S TO TRENCH S TO TRENCH	Modulating Moto DESCRIF LUENT CHANNE DRAIN THROUG DRAIN THROUG DRAIN THROUG DRAIN THROUG DRAIN THROUG DRAIN THROUG DRAIN THROUG	TION L SLIDE GAT H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I	E DURING WALL WALL WALL WALL WALL WALL WALL			ll Hydraullc O	perator (Hand	Pump); BS =					
-3 -4 -5 -6 TAG NO. GAT-21.151 GAT-16.265 GAT-16.265 GAT-16.365 GAT-16.365 GAT-16.365 GAT-16.367 GAT-16.367	Frame: SC = Self-Contained; NS Stem: RS = Rising Stem; NRS = Operator: CO = Hand crank ope Bench Stand; FS = Floor Stand; LOCATION GRIT INFLUENT CHANNEL BIO 2 BIO 2 BIO 2 BIO 3 BIO 3 BIO 3 BIO 3 BIO 3 BIO 3 BIO 4 BIO 4	C = Non-Self Contai Non-Rising Stem. ator with 2-Inch AWU IFS = Interconnect F WIDTH OF OPENING S 4' 7" 7" 7" 7" 7" 7" 7" 7" 7"	HEIGHT OF STOP PLATE 8' 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9"	"L = Flange b operator: HW wdestal Support MAX HE SEATING 1 6.25' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14'	ack. = Handwheel; H stop PLATE AD (FT) JNSEATING - - - - - - - - - - - - -	HC = Hand c E SCHEDULL MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PLACED UPSTREA PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES	M OF GRIT INF S TO TRENCH S TO TRENCH	Modulating Moto DESCRIF LUENT CHANNE DRAIN THROUG DRAIN THROUG DRAIN THROUG DRAIN THROUG DRAIN THROUG DRAIN THROUG DRAIN THROUG	TION L SLIDE GAT H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I	E DURING WALL WALL WALL WALL WALL WALL WALL			li Hydrau∎c O _l	perator (Hand	Pump); BS =					
-3 -4 -5 -6 TAG NO. GAT-21.151 GAT-16.265 GAT-16.265 GAT-16.266 GAT-16.365 GAT-16.365 GAT-16.367 GAT-16.367 GAT-16.367	Frame: SC = Self-Contained; NS Stem: RS = Rising Stem; NRS = Operator: CO = Hand crank ope Bench Stand; FS = Floor Stand; LOCATION GRIT INFLUENT CHANNEL BIO 2 BIO 2 BIO 2 BIO 3 BIO 3 BIO 3 BIO 3 BIO 3 BIO 3 BIO 4 BIO 4	C = Non-Self Contai Non-Rising Stem, ator with 2-Inch AWW IFS = Interconnect F WIDTH OF OUTH OF OPENING S 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7"	HEIGHT OF STOP PLATE 8' 9' 9' 9' 9' 9' 9' 9' 9' 9' 9' 9' 9' 9'	"L = Flange b operator: HW wdestal Support MAX HE SEATING 1 6.25' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14'	ack. = Handwheel; H stop PLATE AD (FT) JNSEATING - - - - - - - - - - - - -	HC = Hand c E SCHEDULL MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PLACED UPSTREA PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES	M OF GRIT INF S TO TRENCH S TO TRENCH	Modulating Moto DESCRIF LUENT CHANNE DRAIN THROUG DRAIN THROUG DRAIN THROUG DRAIN THROUG DRAIN THROUG DRAIN THROUG DRAIN THROUG	TION L SLIDE GAT H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I	E DURING WALL WALL WALL WALL WALL WALL WALL	MAINTENAN				Pump); BS =					
-3 -4 -5 -6 TAG NO. GAT-21.151 GAT-16.265 GAT-16.265 GAT-16.267 GAT-16.366 GAT-16.367 GAT-16.465 GAT-16.465	Frame: SC = Self-Contained; NS Stem: RS = Rising Stem; NRS = Operator: CO = Hand crank ope Bench Stand; FS = Floor Stand; LOCATION GRIT INFLUENT CHANNEL BIO 2 BIO 2 BIO 2 BIO 2 BIO 3 BIO 3 BIO 3 BIO 3 BIO 3 BIO 4 BI	C = Non-Self Contai Non-Rising Stem, ator with 2-Inch AWN IFS = Interconnect F WIDTH OF OPENING S 4 ⁴ 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7"	MA nut for portable loor Stand; PS = Pe HEIGHT OF STOP PLATE 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9"	L = Flange b operator: HW destal Support MAX HE SEATING 6.25' 14'	ack. = Handwheel; I rrt. STOP PLATE AD (FT) INSEATING	HC = Hand c E SCHEDULL MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PLACED UPSTREA PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES	M OF GRIT INF S TO TRENCH S TO TRENCH	Modulating Moto DESCRIF LUENT CHANNE DRAIN THROUG DRAIN THROUG DRAIN THROUG DRAIN THROUG DRAIN THROUG DRAIN THROUG DRAIN THROUG DRAIN THROUG	2TION L SLIDE GAT H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I	E DURING WALL WALL WALL WALL WALL WALL WALL	MAINTENAN			SCHEDULE			DESCRIPTION	N		
-3 -4 -5 -6 TAG NO. GAT-21.151 GAT-16.265 GAT-16.265 GAT-16.266 GAT-16.365 GAT-16.365 GAT-16.367 GAT-16.367 GAT-16.367	Frame: SC = Self-Contained; NS Stem: RS = Rising Stem; NRS = Operator: CO = Hand crank ope Bench Stand; FS = Floor Stand; LOCATION GRIT INFLUENT CHANNEL BIO 2 BIO 2 BIO 2 BIO 3 BIO 3 BIO 3 BIO 3 BIO 3 BIO 3 BIO 4 BIO 4	C = Non-Self Contai Non-Rising Stem, ator with 2-Inch AWW IFS = Interconnect F WIDTH OF OPENING S 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7"	HEIGHT OF STOP PLATE 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9"	E = Flange b operator; HW destal Support SEATING L 6.25' 1 14' 14' 1 14' 1 14' 14' 1 14' 14' 14' 1 14' 14' 14' 14' 14' 14' 14' 14' 14' 14'	ack. = Handwheel; I rrt. STOP PLATE AD (FT) INSEATING	HC = Hand c	E PLACED UPSTREA PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES	M OF GRIT INF S TO TRENCH S TO TRENCH	Modulating Moto DESCRIF LUENT CHANNE DRAIN THROUG DRAIN THROUG DRAIN THROUG DRAIN THROUG DRAIN THROUG DRAIN THROUG DRAIN THROUG	TION L SLIDE GAT H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I	E DURING WALL WALL WALL WALL WALL WALL WALL WAL	MAINTENAN		EQUIPMENT				DESCRIPTIC	N		
-3 -4 -5 -6 -6 -7 -6 -7 -6 -7 -7 -6 -7 -7 -6 -7 -7 -6 -7 -7 -6 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7	Frame: SC = Self-Contained; NS Stem: RS = Rising Stem; NRS = Operator: CO = Hand crank ope Bench Stand; FS = Floor Stand; LOCATION	C = Non-Self Contai Non-Rising Stem, ator with 2-Inch AWW IFS = Interconnect F WIDTH OF OPENING S 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7"	HEIGHT OF STOP PLATE 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	K = Flange b operator; HW HV MAX HE SEATING K 6.25' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14' 14'	ack.	HC = Hand d E SCHEDUL MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PLACED UPSTREA PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES	M OF GRIT INF S TO TRENCH S TO TRENCH	Modulating Moto DESCRIF LUENT CHANNE DRAIN THROUG DRAIN THROUG	2TION 1. SLIDE GATT H EXISTING I H EXISTING I LOCATION	E DURING WALL WALL WALL WALL WALL WALL WALL WAL	MAINTENAN	ICE	EQUIPMENT	SCHEDULE	CAPACITY/SIZE		DESCRIPTIC	N		
-3 -4 -5 -6 TAG NO. GAT-16.265 GAT-16.265 GAT-16.266 GAT-16.266 GAT-16.367 GAT-16.367 GAT-16.465 GAT-16.467 TAG NO. BRXA602 BRX-8022 BRX-8022	Frame: SC = Self-Contained; NS Stem: RS = Rising Stem; NRS = Operator: CO = Hand crank ope Bench Stand; FS = Floor Stand; GRIT INFLUENT CHANNEL GRIT INFLUENT CHANNEL GRIT INFLUENT CHANNEL BIO 2 BIO 3 BIO 3 BIO 3 BIO 3 BIO 3 BIO 3 BIO 4 BIO 2 AN-1 VERTICAI BIO 3 AN-1 VERTICAI BIO 4 A	C = Non-Self Contai Non-Rising Stem, ator with 2-Inch AWW IFS = Interconnect F WIDTH OF OPENING S 44 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7"	ined; F = Flatback; F WA nut for portable idor Stand; PS = Pe B STOP PLATE 8' 9" 9 </td <td>L = Flange b operator: HW destal Support MAX HE SEATING 0.25' 14' <t< td=""><td>ack.</td><td>HC = Hand d E SCHEDUL MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP</td><td>E PLACED UPSTREA PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES</td><td>M OF GRIT INF S TO TRENCH S TO TRENCH</td><td>Modulating Moto DESCRIF LUENT CHANNE DRAIN THROUG DRAIN T</td><td>LOCATION L SLIDE GAT H EXISTING I H EXISTING I LOCATION DING - UPPE DING - UPPE</td><td>E DURING WALL WALL WALL WALL WALL WALL WALL WAL</td><td>MAINTENAN</td><td>ELLANEOUS B TYPE GRIT WASH GRIT WASH</td><td>EQUIPMENT HER HER</td><td>SCHEDULE SERVICE GRIT GRIT GRIT</td><td>CAPACITY/SIZE 1.5 TON/HR 1.5 TON/HR 1.5 TON/HR</td><td>3 3 3</td><td>(BID ALT)</td><td></td><td></td><td></td></t<></td>	L = Flange b operator: HW destal Support MAX HE SEATING 0.25' 14' <t< td=""><td>ack.</td><td>HC = Hand d E SCHEDUL MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP</td><td>E PLACED UPSTREA PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES</td><td>M OF GRIT INF S TO TRENCH S TO TRENCH</td><td>Modulating Moto DESCRIF LUENT CHANNE DRAIN THROUG DRAIN T</td><td>LOCATION L SLIDE GAT H EXISTING I H EXISTING I LOCATION DING - UPPE DING - UPPE</td><td>E DURING WALL WALL WALL WALL WALL WALL WALL WAL</td><td>MAINTENAN</td><td>ELLANEOUS B TYPE GRIT WASH GRIT WASH</td><td>EQUIPMENT HER HER</td><td>SCHEDULE SERVICE GRIT GRIT GRIT</td><td>CAPACITY/SIZE 1.5 TON/HR 1.5 TON/HR 1.5 TON/HR</td><td>3 3 3</td><td>(BID ALT)</td><td></td><td></td><td></td></t<>	ack.	HC = Hand d E SCHEDUL MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PLACED UPSTREA PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES	M OF GRIT INF S TO TRENCH S TO TRENCH	Modulating Moto DESCRIF LUENT CHANNE DRAIN THROUG DRAIN T	LOCATION L SLIDE GAT H EXISTING I H EXISTING I LOCATION DING - UPPE DING - UPPE	E DURING WALL WALL WALL WALL WALL WALL WALL WAL	MAINTENAN	ELLANEOUS B TYPE GRIT WASH GRIT WASH	EQUIPMENT HER HER	SCHEDULE SERVICE GRIT GRIT GRIT	CAPACITY/SIZE 1.5 TON/HR 1.5 TON/HR 1.5 TON/HR	3 3 3	(BID ALT)			
-3 -4 -5 -6 -6 -7 -6 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7	Frame: SC = Self-Contained; NS Stem: RS = Rising Stem; NRS = Operator: CO = Hand crank ope Bench Stand; FS = Floor Stand; Image: Stem: Image: Stem: GRIT INFLUENT CHANNEL BIO 2 BIO 2 BIO 2 BIO 3 BIO 3 BIO 3 BIO 4 BIO 4 BIO 4 BIO 2 BIO 4 BIO 2 BIO 4 BIO 2 AN-1 VERTICAI BIO 2 BIO 2 AN-1 BIO 2 AN-2 BIO 2 AN-1	C = Non-Self Contai Non-Rising Stem, ator with 2-Inch AWW IFS = Interconnect F VIDTH OF OPENING S 4 ⁴ 7 ⁴ 7 ⁴ 7 ⁴ 7 ⁷ 7 ⁷ 7 ⁷ 7 ⁷	HEIGHT OF STOP PLATE 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9"	L = Flange b operator; HW widestal Support MAX HE SEATING 0.257 14'	ack. = Handwheel; I Trt. STOP PLATE AD (FT) JNSEATING	HC = Hand d E SCHEDUL MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PLACED UPSTREA PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES	M OF GRIT INF S TO TRENCH S TO TRENCH GRW-21. GRW-21. GRW-21. GRW-31.	Modulating Moto DESCRIF LUENT CHANNE DRAIN THROUG DRAIN T	2TION 1. SLIDE GAT H EXISTING 1 H EXISTING 1 LOCATION LIOCATION DING - UPPE DING - LOWE	E DURING WALL WALL WALL WALL WALL WALL WALL WAL	MAINTENAN MISCE	ICE	EQUIPMENT HER HER ELL UNIT	SCHEDULE SERVICE GRIT GRIT GRIT GRIT	CAPACITY/SIZE 1.5 TON/HR 1.5 TON/HR 1.5 TON/HR 1.2 'DIA, TRAY	3 3 3	(BID ALT) GRIT BASIN N	0.1		
-3 -4 -5 -6 TAG NO. GAT-16.265 GAT-16.265 GAT-16.265 GAT-16.266 GAT-16.367 GAT-16.367 GAT-16.466 GAT-16.467 TAG NO. BRXA-602 BRX-620 BRX-620 BRX-6208 BRX-16.207	Frame: SC = Self-Contained; NS Stem: RS = Rising Stem; NRS = Operator: CO = Hand crank ope Bench Stand; FS = Floor Stand; Image: Stem: Image: Stem: Imag	C = Non-Self Contai Non-Rising Stem, ator with 2-Inch AW IFS = Interconnect F OPENING S 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7"	HEIGHT OF STOP PLATE 8 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9"	Karal Kara Kara Kara Kara Kara Kara Kara<	ack. = Handwheel; I rt. STOP PLATE AD (FT) - - - - - - - - - - - - -	HC = Hand d E SCHEDUL MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PLACED UPSTREA PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES	M OF GRIT INF S TO TRENCH S TO TRENCH GRW-21. GRW-21. GRW-21. GRW-21.	Modulating Moto DESCRIF LUENT CHANNE DRAIN THROUG DRAIN THROUG GRIT BUIL 20 GRIT BUIL 30 GRIT BUIL GRIT BUIL GRIT BUIL	27ION 1. SLIDE GATI H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I LOCATION DING - UPPE DING - LOWEI DING - LOWEI	E DURING WALL WALL WALL WALL WALL WALL WALL WAL	MAINTENAN MISCE	ICE ELLANEOUS E TYPE GRIT WASH GRIT WASH GRIT WASH RAY HEADCE RAY HEADCE	EQUIPMENT HER HER ELL UNIT ELL UNIT	SCHEDULE SERVICE GRIT GRIT GRIT GRIT GRIT	CAPACITY/SIZE 1.5 TON/HR 1.5 TON/HR 1.5 TON/HR 1.2 'DIA. TRAY 12' DIA. TRAY	3 3 3 - -	(BID ALT) GRIT BASIN N GRIT BASIN N	D. 1 D. 2		
-3 -4 -5 -6 -6 -7 -6 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7	Frame: SC = Self-Contained; NS Stem: RS = Rising Stem; NRS = Operator: CO = Hand crank ope Bench Stand; FS = Floor Stand; Image: Stem: Image: Stem: GRIT INFLUENT CHANNEL BIO 2 BIO 2 BIO 2 BIO 3 BIO 3 BIO 3 BIO 4 BIO 4 BIO 4 BIO 2 BIO 4 BIO 2 BIO 4 BIO 2 AN-1 VERTICAI BIO 2 BIO 2 AN-1 BIO 2 AN-2 BIO 2 AN-1	C = Non-Self Contai Non-Rising Stem, ator with 2-loch AWW FS = Interconnect F OPENING S 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7"	ined; F = Flatback; F WA nut for portable ibor Stand; PS = Pe B STOP PLATE 8' 9" 9 </td <td>L = Flange b operator: HW destal Support MAX HE SEATING 14'</td> <td>ack. = Handwheel; I rt. STOP PLATE AD (FT) - - - - - - - - - - - - -</td> <td>HC = Hand d E SCHEDUL MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP</td> <td>E PLACED UPSTREA PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES</td> <td>M OF GRIT INF S TO TRENCH S TO TRENCH GRW-21. GRW-21. GRW-21. GRW-31.</td> <td>Modulating Moto DESCRIF LUENT CHANNE DRAIN THROUG DRAIN THROUG GRIT BUIL 20 GRIT BUIL 30 GRIT BUIL GRIT BUIL GRIT BUIL</td> <td>2TION 1. SLIDE GAT H EXISTING 1 H EXISTING 1 LOCATION LIOCATION DING - UPPE DING - LOWE</td> <td>E DURING WALL WALL WALL WALL WALL WALL WALL WAL</td> <td>MAINTENAN MISCE</td> <td>ICE</td> <td>EQUIPMENT HER HER ELL UNIT ELL UNIT</td> <td>SCHEDULE SERVICE GRIT GRIT GRIT GRIT</td> <td>CAPACITY/SIZE 1.5 TON/HR 1.5 TON/HR 1.5 TON/HR 1.2 'DIA, TRAY</td> <td>3 3 3 - -</td> <td>(BID ALT) GRIT BASIN N</td> <td>D. 1 D. 2</td> <td></td> <td></td>	L = Flange b operator: HW destal Support MAX HE SEATING 14'	ack. = Handwheel; I rt. STOP PLATE AD (FT) - - - - - - - - - - - - -	HC = Hand d E SCHEDUL MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PLACED UPSTREA PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES	M OF GRIT INF S TO TRENCH S TO TRENCH GRW-21. GRW-21. GRW-21. GRW-31.	Modulating Moto DESCRIF LUENT CHANNE DRAIN THROUG DRAIN THROUG GRIT BUIL 20 GRIT BUIL 30 GRIT BUIL GRIT BUIL GRIT BUIL	2TION 1. SLIDE GAT H EXISTING 1 H EXISTING 1 LOCATION LIOCATION DING - UPPE DING - LOWE	E DURING WALL WALL WALL WALL WALL WALL WALL WAL	MAINTENAN MISCE	ICE	EQUIPMENT HER HER ELL UNIT ELL UNIT	SCHEDULE SERVICE GRIT GRIT GRIT GRIT	CAPACITY/SIZE 1.5 TON/HR 1.5 TON/HR 1.5 TON/HR 1.2 'DIA, TRAY	3 3 3 - -	(BID ALT) GRIT BASIN N	D. 1 D. 2		
-3 -4 -5 -6 TAG NO. GAT-21.151 GAT-16.265 GAT-16.265 GAT-16.266 GAT-16.367 GAT-16.367 GAT-16.465 GAT-16.467 GAT-16.467 BRX-602 BRX-602 BRX-602 BRX-620	Frame: SC = Self-Contained; NS Stem: RS = Rising Stem; NRS = Operator: CO = Hand crank ope Bench Stand; FS = Floor Stand; Image: Stem: Image: Stem: Imag	C = Non-Self Contai Non-Rising Stem, ator with 2-loch AWW FS = Interconnect F OPENING S 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7"	ined; F = Flatback; F WA nut for portable idor Stand; PS = Pe B STOP PLATE 8 9" 9 9 9	L = Flange b operator: HW widestal Support MAX HE SEATING 0.25' 14'	ack.	HC = Hand d E SCHEDUL MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PLACED UPSTREA PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES	M OF GRIT INF S TO TRENCH S TO TRENCH GRW-21. GRW-21. GRW-21. GRW-21.	Modulating Moto DESCRIF LUENT CHANNE DRAIN THROUG DRAIN THROUG GRIT BUIL 20 GRIT BUIL 30 GRIT BUIL GRIT BUIL GRIT BUIL	27ION 1. SLIDE GATI H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I LOCATION DING - UPPE DING - LOWEI DING - LOWEI	E DURING WALL WALL WALL WALL WALL WALL WALL WAL	MAINTENAN MISCE	ICE ELLANEOUS E TYPE GRIT WASH GRIT WASH GRIT WASH RAY HEADCE RAY HEADCE	EQUIPMENT HER HER ELL UNIT ELL UNIT	SCHEDULE SERVICE GRIT GRIT GRIT GRIT GRIT	CAPACITY/SIZE 1.5 TON/HR 1.5 TON/HR 1.5 TON/HR 1.2 'DIA. TRAY 12' DIA. TRAY	3 3 3 - -	(BID ALT) GRIT BASIN N GRIT BASIN N	D. 1 D. 2		
-3 -4 -5 -6 TAG NO. GAT-21.151 GAT-16.265 GAT-16.265 GAT-16.266 GAT-16.367 GAT-16.366 GAT-16.367 GAT-16.467 TAG NO. BRX-602 BRX-602 BRX-602 BRX-6207 BRX-6207 BRX-6207 BRX-6207 BRX-6207 BRX-6207 BRX-6207 BRX-630	Frame: SC = Self-Contained; NS Stem: RS = Rising Stem; NRS = Operator: CO = Hand crank ope Bench Stand; FS = Floor Stand; Image: Stem in the stand; SS = Floor Stand; Image: Stem in the stand; SS = Floor Stand; Image: Stem in the stem in the stand; SS = Floor Stand; Image: Stem in the stem in th	C = Non-Self Contai Non-Rising Stem, ator with 2-Inch AW FS = Interconnect F OPENING S 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7"	HEIGHT OF STOP PLATE 8 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9"	L = Flange b operator; HW ddestal Support MAX HE SEATING L SEATING 14' <	ack.	HC = Hand d E SCHEDUL MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PLACED UPSTREA PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES	M OF GRIT INF S TO TRENCH S TO TRENCH GRW-21. GRW-21. GRW-21. GRW-21.	Modulating Moto DESCRIF LUENT CHANNE DRAIN THROUG DRAIN THROUG GRIT BUIL 20 GRIT BUIL 30 GRIT BUIL GRIT BUIL GRIT BUIL	27ION 1. SLIDE GATI H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I LOCATION DING - UPPE DING - LOWEI DING - LOWEI	E DURING WALL WALL WALL WALL WALL WALL WALL WAL	MAINTENAN MISCE	ICE ELLANEOUS E TYPE GRIT WASH GRIT WASH GRIT WASH RAY HEADCE RAY HEADCE	EQUIPMENT HER HER ELL UNIT ELL UNIT	SCHEDULE SERVICE GRIT GRIT GRIT GRIT GRIT	CAPACITY/SIZE 1.5 TON/HR 1.5 TON/HR 1.5 TON/HR 1.2 'DIA. TRAY 12' DIA. TRAY	3 3 3 - -	(BID ALT) GRIT BASIN N GRIT BASIN N	D. 1 D. 2		
-3 -4 -5 -6 TAG NO. GAT-21.151 GAT-16.265 GAT-16.265 GAT-16.265 GAT-16.367 GAT-16.465 GAT-16.467 GAT-16.467 GAT-16.467 BRX-602 BRX-602 BRX-6020 BRX-6020 BRX-6020 BRX-6020 BRX-6020 BRX-60300 BRX-6030 BRX-60300 BRX-60300 BRX-60300 BRX-60300 BRX-60300 BRX-60300 BRX-6	Frame: SC = Self-Contained; NS Stem: RS = Rising Stem; NRS = Operator: CO = Hand crank ope Bench Stand; FS = Floor Stand; Image: Stem: Image: Stem: GRIT INFLUENT CHANNEL BIO 2 BIO 2 BIO 2 BIO 3 BIO 3 BIO 3 BIO 3 BIO 4 BIO 4 BIO 2 AN1 VERTICAL BIO 4 BIO 2 AN1 BIO 2 AN1 VERTICAL BIO 2 BIO 2 AN2 BIO 2 AN4 VERTICAL BIO 2 BIO 2 AN2 BIO 2 AN2 BIO 3 VERTICAL BIO 3 AN41 BIO 3 AN41 BIO 3 AN2 BIO 3 AN2 BIO 3 AN2 BIO 3 AN2	C = Non-Self Contai Non-Rising Stem, ator with 2-Inch AWW FS = Interconnect F OPENING S 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7"	HEIGHT OF STOP PLATE 8' 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9"	L = Flange b operator: HW destal Support MAX HE SEATING 14'	ack.	HC = Hand d E SCHEDUL MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PLACED UPSTREA PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES	M OF GRIT INF S TO TRENCH S TO TRENCH GRW-21. GRW-21. GRW-21. GRW-21.	Modulating Moto DESCRIF LUENT CHANNE DRAIN THROUG DRAIN THROUG GRIT BUIL 20 GRIT BUIL 30 GRIT BUIL GRIT BUIL GRIT BUIL	27ION 1. SLIDE GATI H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I LOCATION DING - UPPE DING - LOWEI DING - LOWEI	E DURING WALL WALL WALL WALL WALL WALL WALL WAL	MAINTENAN MISCE	ICE ELLANEOUS E TYPE GRIT WASH GRIT WASH GRIT WASH RAY HEADCE RAY HEADCE	EQUIPMENT HER HER ELL UNIT ELL UNIT	SCHEDULE SERVICE GRIT GRIT GRIT GRIT GRIT	CAPACITY/SIZE 1.5 TON/HR 1.5 TON/HR 1.5 TON/HR 1.2 'DIA. TRAY 12' DIA. TRAY	3 3 3 - -	(BID ALT) GRIT BASIN N GRIT BASIN N	D. 1 D. 2		
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-3 -4 -5 -6 TAG NO. GAT-21.151 GAT-16.265 GAT-16.265 GAT-16.265 GAT-16.367 GAT-16.367 GAT-16.465 GAT-16.467 GAT-16.467 BRX-602 BRX-602 BRX-602 BRX-602 BRX-602 BRX-620 BRX-620 BRX-620 BRX-630	Frame: SC = Self-Contained; NS Stem: RS = Rising Stem; NRS = Operator: CO = Hand crank ope Bench Stand; FS = Floor Stand; Image: Stem: Image: Stem; NRS = GRIT INFLUENT CHANNEL BIO 2 BIO 2 BIO 2 BIO 3 BIO 3 BIO 3 BIO 3 BIO 3 BIO 4 BIO 4 BIO 4 BIO 2 AN-1 BIO 3 BIO 4 BIO 4 AN-1 BIO 2 AN-1 BIO 3 AN-1 BIO 4 AN-1 BIO 3 AN-1 BIO 3 AN-1 BIO 3 AN-1 BIO 3 AN-2 BIO 3 AN-3 BIO 3 AN-3 BIO 3 AN-4 BIO 3 AN-3 BIO 3 AN-4 BIO 4 AN-1	C = Non-Self Contai Non-Rising Stem, ator with 2-Inch AWW IFS = Interconnect F OPENING S 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7"	MA nut for portable - loor Stand; PS = Pe HEIGHT OF STOP PLATE 8 9" 9" 9" 9" 9" 9" 9" 9" 9" 9"	L = Flange b operator: HW destal Support MAX HE SEATING 14' ANOXIC ZOI	ack.	HC = Hand d E SCHEDUL MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PLACED UPSTREA PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES	M OF GRIT INF S TO TRENCH S TO TRENCH GRW-21. GRW-21. GRW-21. GRW-21.	Modulating Moto DESCRIF LUENT CHANNE DRAIN THROUG DRAIN THROUG GRIT BUIL 20 GRIT BUIL 30 GRIT BUIL GRIT BUIL GRIT BUIL	27ION 1. SLIDE GATI H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I LOCATION DING - UPPE DING - LOWEI DING - LOWEI	E DURING WALL WALL WALL WALL WALL WALL WALL WAL	MAINTENAN MISCE	ICE ELLANEOUS E TYPE GRIT WASH GRIT WASH GRIT WASH RAY HEADCE RAY HEADCE	EQUIPMENT HER HER ELL UNIT ELL UNIT	SCHEDULE SERVICE GRIT GRIT GRIT GRIT GRIT	CAPACITY/SIZE 1.5 TON/HR 1.5 TON/HR 1.5 TON/HR 1.2 'DIA. TRAY 12' DIA. TRAY	3 3 3 - -	(BID ALT) GRIT BASIN N GRIT BASIN N	D. 1 D. 2		
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-3 -4 -5 -6 TAG NO. GAT-21.151 GAT-16.265 GAT-16.266 GAT-16.266 GAT-16.267 GAT-16.365 GAT-16.365 GAT-16.367 GAT-16.366 GAT-16.466 GAT-16.467 BRX-602 BRX-602 BRX-603 BRX-616.200 BRX-620 BRX-620 BRX-620 BRX-620 BRX-620 BRX-620 BRX-630 BRX-630 BRX-630 BRX-6400 BRX-6407 BRX-6407 BRX-6407 BRX-6407 BRX-6407 BRX-6407 BRX-6407 BRX-6407 BRX-6408 BRX-6407 BRX-6408 BRX-6407 BRX-6408 BRX-64	Frame: SC = Self-Contained; NS Stem: RS = Rising Stem; NRS = Operator: CO = Hand crank ope Bench Stand; FS = Floor Stand; Image: Stem: Image: Stem; NRS = Image: Stem; NRS = Image: Stem; NRS = Image: Stem; NRS =<	C = Non-Self Contai Non-Rising Stem, ator with 2-Inch AW FS = Interconnect F OPENING S 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7"	HEIGHT OF STOP PLATE STOP PLATE STOP PLATE STOP PLATE 8 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9" 9"	L = Flange b operator; HW destal Support MAX HE SEATING L SEATING 14' <t< td=""><td>ack.</td><td>HC = Hand d E SCHEDUL MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP</td><td>E PLACED UPSTREA PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES</td><td>M OF GRIT INF S TO TRENCH S TO TRENCH GRW-21. GRW-21. GRW-21. GRW-21.</td><td>Modulating Moto DESCRIF LUENT CHANNE DRAIN THROUG DRAIN THROUG GRIT BUIL 20 GRIT BUIL 30 GRIT BUIL GRIT BUIL GRIT BUIL</td><td>27ION 1. SLIDE GATI H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I LOCATION DING - UPPE DING - LOWEI DING - LOWEI</td><td>E DURING WALL WALL WALL WALL WALL WALL WALL WAL</td><td>MAINTENAN MISCE</td><td>ICE ELLANEOUS E TYPE GRIT WASH GRIT WASH GRIT WASH RAY HEADCE RAY HEADCE</td><td>EQUIPMENT HER HER ELL UNIT ELL UNIT</td><td>SCHEDULE SERVICE GRIT GRIT GRIT GRIT GRIT</td><td>CAPACITY/SIZE 1.5 TON/HR 1.5 TON/HR 1.5 TON/HR 1.2 'DIA. TRAY 12' DIA. TRAY</td><td>3 3 3 - -</td><td>(BID ALT) GRIT BASIN N GRIT BASIN N</td><td>D. 1 D. 2</td><td></td><td></td></t<>	ack.	HC = Hand d E SCHEDUL MATERIAL FRP FRP FRP FRP FRP FRP FRP FRP FRP FRP	E PLACED UPSTREA PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES	M OF GRIT INF S TO TRENCH S TO TRENCH GRW-21. GRW-21. GRW-21. GRW-21.	Modulating Moto DESCRIF LUENT CHANNE DRAIN THROUG DRAIN THROUG GRIT BUIL 20 GRIT BUIL 30 GRIT BUIL GRIT BUIL GRIT BUIL	27ION 1. SLIDE GATI H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I H EXISTING I LOCATION DING - UPPE DING - LOWEI DING - LOWEI	E DURING WALL WALL WALL WALL WALL WALL WALL WAL	MAINTENAN MISCE	ICE ELLANEOUS E TYPE GRIT WASH GRIT WASH GRIT WASH RAY HEADCE RAY HEADCE	EQUIPMENT HER HER ELL UNIT ELL UNIT	SCHEDULE SERVICE GRIT GRIT GRIT GRIT GRIT	CAPACITY/SIZE 1.5 TON/HR 1.5 TON/HR 1.5 TON/HR 1.2 'DIA. TRAY 12' DIA. TRAY	3 3 3 - -	(BID ALT) GRIT BASIN N GRIT BASIN N	D. 1 D. 2		
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-3 -4 -5 -6 TAG NO. GAT-21.151 GAT-16.265 GAT-16.266 GAT-16.266 GAT-16.267 GAT-16.365 GAT-16.365 GAT-16.367 GAT-16.366 GAT-16.466 GAT-16.467 BRX-602 BRX-602 BRX-603 BRX-616.200 BRX-620 BRX-620 BRX-620 BRX-620 BRX-620 BRX-620 BRX-630 BRX-630 BRX-630 BRX-6400 BRX-6407 BRX-6407 BRX-6407 BRX-6407 BRX-6407 BRX-6407 BRX-6407 BRX-6407 BRX-6408 BRX-6407 BRX-6408 BRX-6407 BRX-6408 BRX-64	Frame: SC = Self-Contained; NS Stem: RS = Rising Stem; NRS = Operator: CO = Hand crank ope Bench Stand; FS = Floor Stand; Image: Stem: Image: Stem; NRS = Image: Stem; NRS = Image: Stem; NRS = Image: Stem; NRS =<	C = Non-Self Contai Non-Rising Stem, ator with 2-Inch AW FS = Interconnect F OPENING S 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7"	Ined; F = Flatback; F WA nut for portable (loor Stand; PS = Pe HEIGHT OF STOP PLATE 8 9" <t< td=""><td>L = Flange b operator; HW destal Support MAX HE SEATING L SEATING 14' <t< td=""><td>ack.</td><td>HC = Hand d</td><td>E PLACED UPSTREA PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES</td><td>M OF GRIT INF S TO TRENCH S TO TRENCH GRW-21. GRW-21. GRW-21. GRW-21.</td><td>Modulating Moto</td><td>TION L SLIDE GAT H EXISTING I H EXISTING I LOCATION LOING - UPPE DING - LOWE DING - LOWE DING - LOWE</td><td>E DURING WALL WALL WALL WALL WALL WALL WALL WAL</td><td>MAINTENAN</td><td>ELLANEOUS E TYPE GRIT WASH GRIT WASH GRIT WASH RAY HEADCE RAY HEADCE</td><td>EQUIPMENT HER HER HER ELL UNIT ELL UNIT ELL UNIT</td><td>SCHEDULE SERVICE GRIT GRIT GRIT GRIT GRIT GRIT</td><td>CAPACITY/SIZE 1.5 TON/HR 1.5 TON/HR 1.5 TON/HR 1.2 'DIA. TRAY 12' DIA. TRAY</td><td>3 3 - - GF</td><td>(BID ALT) GRIT BASIN N GRIT BASIN NO. 3 (BIT BASIN NO. 3 (</td><td>D. 1 D. 2 BID ALT)</td><td>5 1054</td><td>В NO. 48А.10 /ING NO.</td></t<></td></t<>	L = Flange b operator; HW destal Support MAX HE SEATING L SEATING 14' <t< td=""><td>ack.</td><td>HC = Hand d</td><td>E PLACED UPSTREA PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES</td><td>M OF GRIT INF S TO TRENCH S TO TRENCH GRW-21. GRW-21. GRW-21. GRW-21.</td><td>Modulating Moto</td><td>TION L SLIDE GAT H EXISTING I H EXISTING I LOCATION LOING - UPPE DING - LOWE DING - LOWE DING - LOWE</td><td>E DURING WALL WALL WALL WALL WALL WALL WALL WAL</td><td>MAINTENAN</td><td>ELLANEOUS E TYPE GRIT WASH GRIT WASH GRIT WASH RAY HEADCE RAY HEADCE</td><td>EQUIPMENT HER HER HER ELL UNIT ELL UNIT ELL UNIT</td><td>SCHEDULE SERVICE GRIT GRIT GRIT GRIT GRIT GRIT</td><td>CAPACITY/SIZE 1.5 TON/HR 1.5 TON/HR 1.5 TON/HR 1.2 'DIA. TRAY 12' DIA. TRAY</td><td>3 3 - - GF</td><td>(BID ALT) GRIT BASIN N GRIT BASIN NO. 3 (BIT BASIN NO. 3 (</td><td>D. 1 D. 2 BID ALT)</td><td>5 1054</td><td>В NO. 48А.10 /ING NO.</td></t<>	ack.	HC = Hand d	E PLACED UPSTREA PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES PROVIDES ACCES	M OF GRIT INF S TO TRENCH S TO TRENCH GRW-21. GRW-21. GRW-21. GRW-21.	Modulating Moto	TION L SLIDE GAT H EXISTING I H EXISTING I LOCATION LOING - UPPE DING - LOWE DING - LOWE DING - LOWE	E DURING WALL WALL WALL WALL WALL WALL WALL WAL	MAINTENAN	ELLANEOUS E TYPE GRIT WASH GRIT WASH GRIT WASH RAY HEADCE RAY HEADCE	EQUIPMENT HER HER HER ELL UNIT ELL UNIT ELL UNIT	SCHEDULE SERVICE GRIT GRIT GRIT GRIT GRIT GRIT	CAPACITY/SIZE 1.5 TON/HR 1.5 TON/HR 1.5 TON/HR 1.2 'DIA. TRAY 12' DIA. TRAY	3 3 - - GF	(BID ALT) GRIT BASIN N GRIT BASIN NO. 3 (BIT BASIN NO. 3 (D. 1 D. 2 BID ALT)	5 1054	В NO. 48А.10 /ING NO.

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	6	7			8			9		10			11		12		13	
-21.265 0	GRIT PUMP NO. 6 (BID ALT)	- sv	UW	VALVE SCHEDU														
-21.265 0	GRIT WASHER NO. 1	- SV - SV	UW	1/2			WASH WATER V	MP SEAL WAT		3V)								
21.324	GRIT WASHER NO. 2	- SV	UW	1			WASH WATER											
21.334 GF	GRIT WASHER NO. 3 (BID ALT)) - SV	UW	1	I ELECT	RIC	WASH WATER \	ALVE FOR GR	T WASHER (FE	3V)								
						MP SCHED												
	BIO 2 OX-10	TYPE SUBMERSIBLE A			SERVICE MLR	HP 25	FLOW (MGD) 1 15	. ,	TROL MAX SPE	ED VOLTAGE 460	3		ESCRIPTION AL RECYCLE BIO. 2	_				
		SUBMERSIBLE A			MLR	25	15	3.5 VF		460	3		AL RECYCLE BIO. 2	-				
-16.361 E	BIO 3 OX-10	SUBMERSIBLE A	XIAL FLOW		MLR	25	15	3.5 VF	D 590	460	3	INTERN/	AL RECYCLE BIO, 3					
		SUBMERSIBLE A			MLR	25	15		D 590	460	3		AL RECYCLE BIO. 3	_				
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		AL RECESSED IM		FUGAL	GRIT	7.5	300	26.5 FIX			3		IT PUMP NO. 1	-				
-21.220	GRIT - HORIZONT	AL RECESSED IM	PELLER CENTR	FUGAL	GRIT	7.5	300	26.5 FIX	ED 1500	480	3	GRI	IT PUMP NO. 2					
		AL RECESSED IM			GRIT	7.5	300	26.5 FIX			3		IT PUMP NO. 3	_				
		AL RECESSED IM AL RECESSED IM			GRIT	7.5	300	26.5 FIX 26.5 FIX			3		IT PUMP NO. 4 Y PUMP NO. 5 (BID AL	T)				
		AL RECESSED IM			GRIT	7.5	300	26.5 FIX					Y PUMP NO. 6 (BID AL					
				MAY	IEAD (FT)		DE GATE SCHED	(2)		T/D= 0=								
G NO.	LOCATION	TYPE	SERVICE			TYPE OF CLOSURE			MOUNTING	TYPE OF FRAME	STEM ⁽⁵⁾ O	PERATOR		ESCRIPTION				
	RIT INFLUENT CHANNEL NO. 1		GRIT BASIN N	0.1 6.25'	-	FB	- 4'	6.5'	FM	SC	NRS	MO		TRAINED FOR ODOR CON				
	RIT INFLUENT CHANNEL NO. 2		GRIT BASIN N		-	FB	- 4'	6.5'	FM	SC	NRS	MO		RAINED FOR ODOR CON				
21.132 GRI -16.263	BIO 2 MLR	3 SLIDE GATE SLIDE GATE	GRIT BASIN NO	0.3 6.25' 15.7'	12.7'	FB STD	- 4'	6.5' 3'	FM FM	SC NSC	NRS NRS	MO CO		TRAINED FOR ODOR CON TE STEM AT GRATING	ITROL			
-16.363	BIO 3 MLR	SLIDE GATE	MLR	15.7'	12.7	STD	- 3'	3'	FM	NSC	NRS	co		E STEM AT GRATING				
	BIO 4 MLR	SLIDE GATE	MLR	15.7'	12.7'	STD	- 3'	3'	FM	NSC	NRS	со	TERMINA	E STEM AT GRATING				
-16.463																		
5:																		
s: -1 Closu	sure: DO = Downward Opening,		n; STD = Standar	d.														
s: -1 Closu -2 Gate	e deslgn pressure applied at cer	nterIne of gate.			Spigot back: FV	VT = "F" Wa	all Thimble: EWT =	"E" Wall Thimbl	e									
s: -1 Closu -2 Gate _3 Mour	e design pressure applied at cer unting: FM = Face Mounted; EC	nterline of gate. = Inside Existing C	Channel; EMB = E	mbedded; SP =		VT = "F" Wa	all Thimble; EWT =	"E" Wall Thimbl	e									
-2 Gate _3 Mour -4 Fram	e design pressure applied at cer unting: FM = Face Mounted; EC me: SC = Self-Contained; NSC =	nterline of gate. = Inside Existing C = Non-Self Contain	Channel; EMB = E	mbedded; SP =		VT = "F" Wa	all Thimble; EWT =	"E" Wa∎ Thimbl	le									
S: -1 Closs -2 Gate -3 Mour -4 Fram -5 Stem -6 Oper	e design pressure applied at cer unting: FM = Face Mounted; EC me: SC = Self-Contained; NSC = m: RS = Rising Stem; NRS = Nc erator: CO = Hand crank operato	nterline of gate. = Inside Existing C = Non-Self Contain on-Rising Stem. or with 2-Inch AWW	Channel; EMB = E ned; F = Flatback; /A nut for portable	Thedded; SP = FL = Flange bac e operator; HW =	ck. : Handwhee l ; HC					or Operator; H0) = Hydrau∎o	c Operator; M	1HO = Manual Hydrauli	: Operator (Hand Pump); B	S =			
S: -1 Closs -2 Gate -3 Mour -4 Fram -5 Stem -6 Oper	e design pressure applied at cer unting: FM = Face Mounted; EC me: SC = Self-Contained; NSC =	nterline of gate. = Inside Existing C = Non-Self Contain on-Rising Stem. or with 2-Inch AWW	Channel; EMB = E ned; F = Flatback; /A nut for portable	Thedded; SP = FL = Flange bac e operator; HW =	ck. : Handwhee l ; HC					or Operator; HC) = Hydraullo	c Operator; M	1HO = Manual Hydraullo	: Operator (Hand Pump); B	6 =			
-1 Closs -2 Gate -3 Mour -4 Fram -5 Stem -6 Oper	e design pressure applied at cer unting: FM = Face Mounted; EC me: SC = Self-Contained; NSC = m: RS = Rising Stem; NRS = Nc erator: CO = Hand crank operato	nterline of gate. = Inside Existing C = Non-Self Contain on-Rising Stem. or with 2-Inch AWW	Channel; EMB = E ned; F = Flatback; /A nut for portable	Thedded; SP = FL = Flange bac e operator; HW =	ck. : Handwhee l ; HC					or Operator; H0) = Hydraullo	c Operator; M	1HO = Manual Hydrau∎e	: Operator (Hand Pump); B:	S =			
-1 Closs -2 Gate -3 Mour -4 Fram -5 Stem -6 Oper	e design pressure applied at cer unting: FM = Face Mounted; EC me: SC = Self-Contained; NSC = m: RS = Rising Stem; NRS = Nc erator: CO = Hand crank operato	nterline of gate. = Inside Existing C = Non-Self Contain on-Rising Stem. or with 2-Inch AWW	Channel; EMB = E ned; F = Flatback; /A nut for portable	mbedded; SP = FL = Flange bac e operator; HW = Pedestal Support.	ck. : Handwhee l ; HC	C = Hand cri	rank; MO = Motor C			or Operator; HC) = Hydraullo	c Operator; M	1HO = Manual Hydraulk	: Operator (Hand Pump); B:	5 =			
: -1 Closu -2 Gate -3 Mour -4 Fram -5 Stem -6 Oper Benc	e design pressure applied at cer unting: FM = Face Mounted; EC me: SC = Self-Contained; NSC = m: RS = Rising Stem; NRS = Nc erator: CO = Hand crank operato	nterline of gate. = Inside Existing C = Non-Self Contain on-Rising Stem. or with 2-Inch AWW S = Interconnect File WIDTH OF	Channel; EMB = E ned; F = Flatback; /A nut for portable oor Stand; PS = F HEIGHT OF	FL = Flange bac FL = Flange bac e operator; HW = Pedestal Support.	STOP PLATE S	C = Hand cri	rank; MO = Motor C) = Hydraullo	c Operator; M	1HO = Manual Hydraulk	: Operator (Hand Pump); B:	5 =			
-1 Closu -2 Gate -3 Mour -4 Fram -5 Stem -6 Oper Benc G NO.	e deslan pressure applied at cer unting: FM = Face Mounted; EC me; SC = Self-Contained; NSC = m; RS = Rising Stem; NRS = NC RS = Rising Stem; NRS = NC erator; CO = Hand crank operat ch Stand; FS = Floor Stand; IFS	nterline of gate. = Inside Existing C = Non-Self Contain on-Rising Stem, or with 2-Inch AWW S = Interconnect Flu WIDTH OF OPENING	Channel; EMB = E Hatback; VA nut for portable oor Stand; PS = F HEIGHT OF STOP PLATE	FL = Flange bac e operator; HW = edestal Support. MAX HEAT SEATING UN	STOP PLATE S D (FT) MA	C = Hand cra SCHEDULE	ank; MO = Motor C	iperator; MOD =	- Modulating Mot	IPTION				: Operator (Hand Pump); B:	5=			
: -1 Closs -2 Gate -3 Mour -4 Fram -5 Stem -6 Oper Benc 	e deslign pressure applied at cer unting: FM = Face Mounted; EC me; SC = Self-Contained; NSC = m; RS = Rising Stem; NRS = NC rator; CO = Hand crank operate ch Stand; FS = Floor Stand; IFS LOCATION GRIT INFLUENT CHANNELS	nterline of gate. = Inside Existing C = Non-Self Contain on-Rising Stem. or with 2-Atch AWW S = Interconnect Fli WIDTH OF OPENING 4'	Channel; EMB = E Hatback; A nut for portable oor Stand; PS = P HEIGHT OF STOP PLATE 8'	FL = Flange bac e operator; HW = edestal Support. MAX HEAI SEATING UN 6.25	STOP PLATE S D (FT) NSEATING	C = Hand cra SCHEDULE ATERIAL FRP P	ank; MO = Motor C	perator; MOD =	Modulating Mot	IPTION IEL SLIDE GAT	E DURING N			: Operator (Hand Pump); B:	5 =			
-1 Closu -2 Gate -3 Mour -4 Fram -5 Stem -6 Oper Benc 3 NO. -21.151 C -16.265	e deslan pressure applied at cer unting: FM = Face Mounted; EC me; SC = Self-Contained; NSC = m; RS = Rising Stem; NRS = NC RS = Rising Stem; NRS = NC erator; CO = Hand crank operat ch Stand; FS = Floor Stand; IFS	nterline of gate. = Inside Existing C = Non-Self Contain on-Rising Stem, or with 2-Inch AWW S = Interconnect Flu WIDTH OF OPENING	Channel; EMB = E Hatback; VA nut for portable oor Stand; PS = F HEIGHT OF STOP PLATE	FL = Flange bac e operator; HW = edestal Support. MAX HEAT SEATING UN	STOP PLATE S D (FT) NSEATING	C = Hand cra SCHEDULE ATERIAL FRP P FRP P	ank; MO = Motor C	M OF GRIT INF S TO TRENCH	E Modulating Mot DESCR ELUENT CHANN DRAIN THROU	IPTION IEL SLIDE GAT GH EXISTING ¹	E DURING N			: Operator (Hand Pump); B:	5 =			
S -1 Closu -2 Gate -3 Mour -4 Fram -5 Stem -6 Oper Benc -21.151 C -16.266	e deslign pressure applied at cer unting: FM = Face Mounted; EC me; SC = Self-Contained; NSC = m; RS = Rising Stem; NRS = NC reator; CO = Hand crank opera- reator; CO = Hand crank opera- tion Stand; FS = Floor Stand; IFS LOCATION GRIT INFLUENT CHANNELS BIO 2	nterline of gate. = Inside Existing C = Non-Self Contain on-Rising Stem. or with 2-inch AWW S = Interconnect Fli WIDTH OF OPENING 4' 7"	Channel; EMB = E exed; F = Flatback; (A nut for portable oor Stand; PS = F HEIGHT OF STOP PLATE 8' 9"	FL = Flange bac e operator; HW = Pedestal Support. SEATING UN 6.25' 14'	STOP PLATE S D (FT) NSEATING	C = Hand or SCHEDULE TERIAL FRP P FRP P FRP P	ank; MO = Motor C	M OF GRIT INF S TO TRENCH S TO TRENCH	E Modulating Mot DESCR ELUENT CHANN DRAIN THROU	IPTION IEL SLIDE GAT GH EXISTING 1 GH EXISTING 1	E DURING M NALL			: Operator (Hand Pump); B:	5 =			
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G NO. LOC G NO. C E B-16,207 E	e design pressure applied at cer unting: FM = Face Mounted; EC me: SC = Self-Contained; NSC = RS = Rising Stem; NRS = Nc erator; CO = Hand crank operatic ch Stand; FS = Floor Stand; IFS LOCATION GRIT INFLUENT CHANNELS BIO 2 BIO 2 BIO 2 BIO 3 BIO 3 BIO 3 BIO 3 BIO 3 BIO 4 BIO 4	Mixed Existing C = Inskie Existing C = Non-Self Contain n-Rising Stem. or with 2-Inch AWW = Interconnect FI WIDTH OF OPENING 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" Y Y Y Y Y Y	Channel; EMB = E wed; F = Flatback; /A nut for portable sor Stand; PS = F #EIGHT OF STOP PLATE 8' 9" 9 <	Imbedded; SP = FL = Flange bac e operator; HW = redestal Support. MAX HEAL SEATING SEATING 14' DESCRIP MIXER - REPLA ANOXIC ZONE	sk. E Handwheel; HC STOP PLATE S D (FT) MA - <td>C = Hand or SCHEDULE TERIAL FRP P FRP P</td> <td>ank; MO = Motor C PLACED UPSTREA ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES</td> <td>M OF GRIT IN/ S TO TRENCH S TO TRENCH G TW-21. GRW-21. GRW-21. GRW-31.</td> <td>DESCR DESCR LUENT CHANN DRAIN THROU DRAIN THROU</td> <td>IPTION IEL SLIDE GAT GH EXISTING GH EXISTING GH EXISTING GH EXISTING GH EXISTING GH EXISTING GH EXISTING GH EXISTING LOCATION ILDING - UPPE ILDING - UPPE ILDING - UPPE</td> <td>E DURING N WALL WALL WALL WALL WALL WALL WALL WAL</td> <td>MAINTENAN</td> <td>CCE</td> <td>NT SCHEDULE SERVICE CAPACI GRIT 1.5 TC GRIT 1.5 TC GRIT 1.5 TC</td> <td>TY/SIZE HP N/HR 3 N/HR 3 N/HR 3</td> <td>(BID ALT)</td> <td></td> <td></td>	C = Hand or SCHEDULE TERIAL FRP P FRP P	ank; MO = Motor C PLACED UPSTREA ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES	M OF GRIT IN/ S TO TRENCH S TO TRENCH G TW-21. GRW-21. GRW-21. GRW-31.	DESCR DESCR LUENT CHANN DRAIN THROU DRAIN THROU	IPTION IEL SLIDE GAT GH EXISTING GH EXISTING GH EXISTING GH EXISTING GH EXISTING GH EXISTING GH EXISTING GH EXISTING LOCATION ILDING - UPPE ILDING - UPPE ILDING - UPPE	E DURING N WALL WALL WALL WALL WALL WALL WALL WAL	MAINTENAN	CCE	NT SCHEDULE SERVICE CAPACI GRIT 1.5 TC GRIT 1.5 TC GRIT 1.5 TC	TY/SIZE HP N/HR 3 N/HR 3 N/HR 3	(BID ALT)		
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-1 Closs -2 Gate -3 Mout -4 Fram -5 Stem -6 Oper Benc 	e design pressure applied at cer nring: FM = Face Mounted; EC me: SC = Self-Contained; NSC = me: SC = Rising Stem: NRS = Nc rator: CO = Hand crank operatic ch Stand; FS = Floor Stand; IFS ELOCATION GRIT INFLUENT CHANNELS BIO 2 BIO 2 BIO 2 BIO 3 BIO 3 BIO 3 BIO 3 BIO 3 BIO 4 BIO 2 AN-1 VERTICAL IN BIO 2 AN-1 VERTICAL IN BIO 2 AN-1 VERTICAL IN BIO 3 AN-1 VERTICAL IN BIO 3 AN-3 VERTICAL IN BIO 4 AN-1 VERTICAL IN BIO 4 AN-1 VERTICAL IN BIO 3 AX-3 VERTICAL IN BIO 3 AX-3 VERTICAL IN BIO 4 AN-1 VERTICAL IN AN-1 VERTICAL IN BIO 4 AN-1 VERTICAL IN AN-1 VERTICAL IN AN-1 VERTICAL IN AN-1 VERTICAL IN AN-1 VERTICAL IN	Mixed Existing C = Inside Existing C = Non-Self Contain >n-Rising Stem. or with 2-hoch AWW > Interconnect Fil Image: Stem. QPENING 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 17" 17" 7" 7" 7" 17" 17" 17" 17" 17" 17" 17" 17" 17" 17" 1100000000000000000000000000000000000	Channel; EMB = E heed; F = Flatback; /A nut for portable oor Stand; PS = F B B B B B B B B B B C C C C C C C C C C C C C	Imbedded; SP = FL = Flange bac e operator; HW = edestal Support. Identified Status SEATING 14'	x. Handwheel; HC STOP PLATE S D (FT) ASSEATING UFT) ASSEATING UFT) STOP PLATE S UFT)	C = Hand or, SCHEDULE TERIAL FRP P FRP P	ank; MO = Motor C PLACED UPSTREA ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES	M OF GRIT INF S TO TRENCH S TO TRENCH GRW-21, GRW-21, GRW-31,	DESCR DESCR DESCR DESCR DESCR DRAIN THROU DRAIN THROU	IPTION IEL SLIDE GAT GH EXISTING GH EXISTING GH EXISTING GH EXISTING GH EXISTING GH EXISTING GH EXISTING GH EXISTING ILDING - UPPE ILDING - UPPE ILDING - UPPE ILDING - LOWE	E DURING M WALL WALL WALL WALL WALL WALL WALL WAL	MAINTENAN MISCE	ICE	NT SCHEDULE SERVICE CAPACI GRIT 1.5 TC GRIT 1.5 TC GRIT 1.5 TC GRIT 1.2 TDA GRIT 12 'DIA	TY/SIZE HP N/HR 3 N/HR 3 N/HR 3 TRAY - TRAY -	(BID ALT) GRIT BASIN N GRIT BASIN N	0. 1 0. 2	
-1 Closs -2 Gate -3 Mout -4 Fram -5 Stem -6 Oper Benc 	e design pressure applied at cer mining: FM = Face Mounted; EC me: SC = Self-Contained; NSC = me: SC = Self-Contained; NSC = Floo 2 Hand crank operatic ch Stand; FS = Floor Stand; IFS BIO 2 BIO 2 BIO 2 BIO 2 BIO 3 BIO 3 BIO 3 BIO 3 BIO 4 BIO 4 BIO 4 BIO 4 BIO 4 BIO 2 AN-1 VERTICAL N BIO 2 AN-1 VERTICAL N BIO 2 AN-2 FLOATING N BIO 3 AN-3 VERTICAL N BIO 3 AN-4 VERTICAL N BIO 3 AN-4 VERTICAL N BIO 3 AN-2 FLOATING N BIO 3 AN-3 VERTICAL N BIO 3 AN-3 VERTICAL N BIO 3 AN-2 FLOATING N BIO 3 AN-3 VERTICAL N BIO 3 AN-3 VERTICAL N BIO 3 AN-4 VERTICAL N BIO 3 AN-3 VERTICAL N BIO 3 AN-4 VERTICAL N BIO 3 AX-3 VERTICAL N BIO 4 AN-1 VERTICAL N BIO 4 AN-4 VERTICAL N BIO 4	Mixed Existing C = Inside Existing C = Non-Self Contain >n-Rising Stem. or with 2-hoch AWW > Interconnect Fil Image: Stem. QPENING 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 17" 17" 7" 7" 7" 17" 17" 17" 17" 17" 17" 17" 17" 17" 17" 1100000000000000000000000000000000000	Channel; EMB = E heed; F = Flatback; /A nut for portable oor Stand; PS = F B B B B B B B B B B C C C C C C C C C C C C C	Inbedded; SP = FL = Flange bac e operator; HW = edestal Support. SEATING UN 6.25' 14' 14' 14' 14' 14' 14' 14' 14	x. Handwheel; HC STOP PLATE S D (FT) ASSEATING UFT) ASSEATING UFT) STOP PLATE S UFT)	C = Hand or, SCHEDULE TERIAL FRP P FRP P	ank; MO = Motor C PLACED UPSTREA ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES	M OF GRIT INF S TO TRENCH S TO TRENCH GRW-21, GRW-21, GRW-31,	DESCR DESCR DESCR DESCR DESCR DRAIN THROU DRAIN THROU	IPTION IEL SLIDE GAT GH EXISTING GH EXISTING GH EXISTING GH EXISTING GH EXISTING GH EXISTING GH EXISTING GH EXISTING ILDING - UPPE ILDING - UPPE ILDING - UPPE ILDING - LOWE	E DURING M WALL WALL WALL WALL WALL WALL WALL WAL	MAINTENAN MISCE	ICE	NT SCHEDULE SERVICE CAPACI GRIT 1.5 TC GRIT 1.5 TC GRIT 1.5 TC GRIT 1.2 TDA GRIT 12 'DIA	TY/SIZE HP N/HR 3 N/HR 3 N/HR 3 TRAY - TRAY -	(BID ALT) GRIT BASIN N GRIT BASIN N	0. 1 0. 2	
1 Closs -2 Gate -3 Mour -4 Fram -5 Stem -6 Oper 3 NO. 21.151 C 16.265 16.266 16.365 16.365 16.365 16.365 16.365 16.465 16.466 16.467 3 NO. LOC A B.465 16.467 5 NO. LOC 8 NO. LOC 8 NO. LOC 8 NO. LOC 9 NO. E 16.307 E E 16.208 E 16.300 16.309 E 16.300 16.300 E 16.300 16.300 E 16.404 B F0.404 E 9 A604 E 16.409 E	e design pressure applied at cer mining: FM = Face Mounted; EC me: SC = Self-Contained; NSC = me: SC = Self-Contained; NSC = Floo 2 Hand crank operatic ch Stand; FS = Floor Stand; IFS BIO 2 BIO 2 BIO 2 BIO 2 BIO 3 BIO 3 BIO 3 BIO 3 BIO 4 BIO 4 BIO 4 BIO 4 BIO 4 BIO 2 AN-1 VERTICAL N BIO 2 AN-1 VERTICAL N BIO 2 AN-2 FLOATING N BIO 3 AN-3 VERTICAL N BIO 3 AN-4 VERTICAL N BIO 3 AN-4 VERTICAL N BIO 3 AN-2 FLOATING N BIO 3 AN-3 VERTICAL N BIO 3 AN-3 VERTICAL N BIO 3 AN-2 FLOATING N BIO 3 AN-3 VERTICAL N BIO 3 AN-3 VERTICAL N BIO 3 AN-4 VERTICAL N BIO 3 AN-3 VERTICAL N BIO 3 AN-4 VERTICAL N BIO 3 AX-3 VERTICAL N BIO 4 AN-1 VERTICAL N BIO 4 AN-4 VERTICAL N BIO 4	Mixed Existing C = Inside Existing C = Non-Self Contain >n-Rising Stem. or with 2-hoch AWW > Interconnect Fil Image: Stem. QPENING 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 17" 17" 7" 7" 7" 17" 17" 17" 17" 17" 17" 17" 17" 17" 17" 1100000000000000000000000000000000000	Channel; EMB = E heed; F = Flatback; /A nut for portable oor Stand; PS = F B B B B B B B B B B C C C C C C C C C C C C C	Inbedded; SP = FL = Flange bac e operator; HW = edestal Support. SEATING UN 6.25' 14' 14' 14' 14' 14' 14' 14' 14	x. Handwheel; HC STOP PLATE S D (FT) ASSEATING UFT) ASSEATING UFT) STOP PLATE S UFT)	C = Hand or, SCHEDULE TERIAL FRP P FRP P	ank; MO = Motor C PLACED UPSTREA ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES	M OF GRIT INF S TO TRENCH S TO TRENCH GRW-21, GRW-21, GRW-31,	DESCR DESCR DESCR DESCR DESCR DRAIN THROU DRAIN THROU	IPTION IEL SLIDE GAT GH EXISTING GH EXISTING GH EXISTING GH EXISTING GH EXISTING GH EXISTING GH EXISTING GH EXISTING ILONG - LOWE ILDING - LOWE ILDING - LOWE ILDING - LOWE	E DURING N MALL MALL MALL MALL MALL MALL MALL MAL	MINTENAN	CCE	NT SCHEDULE SERVICE CAPACI GRIT 1.5 TC GRIT 1.5 TC GRIT 1.5 TC GRIT 12' DIA GRIT 12' DIA GRIT 12' DIA	TY/SIZE HP N/HR 3 N/HR 3 N/HR 3 N/HR 3 TRAY - TRAY - TRAY - C	(BID ALT) GRIT BASIN N GRIT BASIN NO. 3 (0. 1 0. 2 BID ALT)	
-1 Closs -2 Gate -3 Mout -4 Fram -5 Stem -6 Oper Benc 	e design pressure applied at cer mining: FM = Face Mounted; EC me: SC = Self-Contained; NSC = me: SC = Self-Contained; NSC = Floo 2 Hand crank operatic ch Stand; FS = Floor Stand; IFS BIO 2 BIO 2 BIO 2 BIO 2 BIO 3 BIO 3 BIO 3 BIO 3 BIO 4 BIO 4 BIO 4 BIO 4 BIO 4 BIO 2 AN-1 VERTICAL N BIO 2 AN-1 VERTICAL N BIO 2 AN-2 FLOATING N BIO 3 AN-3 VERTICAL N BIO 3 AN-4 VERTICAL N BIO 3 AN-4 VERTICAL N BIO 3 AN-2 FLOATING N BIO 3 AN-3 VERTICAL N BIO 3 AN-3 VERTICAL N BIO 3 AN-2 FLOATING N BIO 3 AN-3 VERTICAL N BIO 3 AN-3 VERTICAL N BIO 3 AN-4 VERTICAL N BIO 3 AN-3 VERTICAL N BIO 3 AN-4 VERTICAL N BIO 3 AX-3 VERTICAL N BIO 4 AN-1 VERTICAL N BIO 4 AN-4 VERTICAL N BIO 4	Mixed Existing C = Inside Existing C = Non-Self Contain >n-Rising Stem. or with 2-hoch AWW > Interconnect Fil Image: Stem. QPENING 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 17" 17" 7" 7" 7" 17" 17" 17" 17" 17" 17" 17" 17" 17" 17" 1100000000000000000000000000000000000	Channel; EMB = E heed; F = Flatback; /A nut for portable oor Stand; PS = F B B B B B B B B B B C C C C C C C C C C C C C	Inbedded; SP = FL = Flange bac e operator; HW = edestal Support. SEATING UN 6.25' 14' 14' 14' 14' 14' 14' 14' 14	xk. Handwheel; HG STOP PLATE S D (FT) ASEATING ASEATING TION CE IMPELLER CE IMPELLER CE IMPELLER CE IMPELLER MXING M	C = Hand ord	ank; MO = Motor C	M OF GRIT INF S TO TRENCH S TO TRENCH GRW-21, GRW-21, GRW-31,	DESCR DESCR DESCR DESCR DESCR DRAIN THROU DRAIN THROU	IPTION IEL SLIDE GAT GH EXISTING GH EXISTING GH EXISTING GH EXISTING GH EXISTING GH EXISTING GH EXISTING GH EXISTING ILONG - LOWE ILDING - LOWE ILDING - LOWE ILDING - LOWE	E DURING N MALL MALL MALL MALL MALL MALL MALL MAL	MINTENAN	CCE	NT SCHEDULE SERVICE CAPACI GRIT 1.5 TC GRIT 1.5 TC GRIT 1.5 TC GRIT 1.2 TDA GRIT 12 'DIA	TY/SIZE HP N/HR 3 N/HR 3 N/HR 3 N/HR 3 TRAY - TRAY - TRAY - C	(BID ALT) GRIT BASIN N GRIT BASIN NO. 3 (0. 1 0. 2	JOB NO 10548A.11
1 Closs -2 Gate -3 Mour -5 Stem -6 Oper -7 Stem -6 Oper -7 Stem -6 Oper -7 Stem -6 Oper -7 Stem -6 Stem -7	e design pressure applied at cer mer, SC = Self-Contained; NCC = mr RS = Rising Stem; NRS = NC mr RS = Rising Stem; NRS = NC mr RS = Rising Stem; NRS = NC mr RS = Rising Stem; NRS = NC contained; FS = Floor Stand; IFS BIO 2 BIO 2 BIO 2 BIO 2 BIO 3 BIO 3 BIO 3 BIO 3 BIO 3 BIO 4 BIO 4 BIO 4 BIO 4 BIO 4 BIO 4 BIO 4 BIO 2 AN-1 VERTICAL N BIO 2 AN-1 VERTICAL N BIO 2 AN-1 VERTICAL N BIO 2 AN-1 VERTICAL N BIO 2 AN-2 FLOATING N BIO 3 AN-1 VERTICAL N BIO 3 AN-3 VERTICAL N BIO 3 AN-4 VERTICAL N BIO 4 AN-4 VERTICAL N BIO 4 AN-2 FLOATING N BIO 4 AN-4 VERTICAL N BIO 4	Mixed Existing C = Inside Existing C = Non-Self Contain >n-Rising Stem. or with 2-hoch AWW > Interconnect Fil Image: Stem. QPENING 4' 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 7" 17" 17" 7" 7" 7" 17" 17" 17" 17" 17" 17" 17" 17" 17" 17" 1100000000000000000000000000000000000	Channel; EMB = E head; F = Flatback; /A nut for portable oor Stand; PS = F HEIGHT OF STOP PLATE 8' 9" 9" 9" 9" 9" 9" 9" 9" 9" 9"	Inbedded; SP = FL = Flange bac e operator; HW = edestal Support. SEATING UN 6.25' 14' 14' 14' 14' 14' 14' 14' 14	xk. Handwheel; HG STOP PLATE S D (FT) ASEATING ASEATING TION CE IMPELLER CE IMPELLER CE IMPELLER CE IMPELLER MXING M	C = Hand ord	ank; MO = Motor C PLACED UPSTREA ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES ROVIDES ACCES	M OF GRIT INF S TO TRENCH S TO TRENCH GRW-21, GRW-21, GRW-31,	DESCR DESCR DESCR DESCR DESCR DRAIN THROU DRAIN THROU	IPTION IEL SLIDE GAT GH EXISTING GH EXISTING GH EXISTING GH EXISTING GH EXISTING GH EXISTING GH EXISTING GH EXISTING ILONG - LOWE ILDING - LOWE ILDING - LOWE ILDING - LOWE	E DURING N MALL MALL MALL MALL MALL MALL MALL MAL		CCE	NT SCHEDULE SERVICE CAPACI GRIT 1.5 TC GRIT 1.5 TC GRIT 1.5 TC GRIT 12' DIA GRIT 12' DIA GRIT 12' DIA GRIT 12' DIA	TY/SIZE HP N/HR 3 N/HR 3 N/HR 3 N/HR 3 TRAY - TRAY - TRAY - C	GRIT BASIN N GRIT BASIN NO. 3 (SRIT BASIN NO. 3 (VERI BAR I	0. 1 0. 2 BID ALT)	

MIXER SCHEDULE											
TAG NO.	LOCATION	ZONE	TYPE	SERVICE	ΗP	DESCRIPTION					
BRXA-602	BIO 2	AN-1	VERTICAL	MIXED LIQUOR	5	EXISTING MIXER - REPLACE IMPELLER ONLY					
BRXB-602	BIO 2	AN-1	VERTICAL	MIXED LIQUOR	5	EXISTING MIXER - REPLACE IMPELLER ONLY					
BRX-16.207	BIO 2	AX-2	FLOATING	MIXED LIQUOR	5	ANOXIC ZONE MIXING					
BRX-16.208	BIO 2	AX-2	FLOATING	MIXED LIQUOR	5	ANOXIC ZONE MIXING					
BRX-16-209	BIO 2	AX-3	VERTICAL	MIXED LIQUOR	5	ANOXIC ZONE MIXING					
BRX-16.210	BIO 2	AX-3	VERTICAL	MIXED LIQUOR	5	ANOXIC ZONE MIXING					
BRXA-603	BIO 3	AN-1	VERTICAL	MIXED LIQUOR	5	EXISTING MIXER - REPLACE IMPELLER ONLY					
BRXB-603	BIO 3	AN-1	VERTICAL	MIXED LIQUOR	5	EXISTING MIXER - REPLACE IMPELLER ONLY					
BRX-16.307	BIO 3	AX-2	FLOATING	MIXED LIQUOR	5	ANOXIC ZONE MIXING					
BRX-16.308	BIO 3	AX-2	FLOATING	MIXED LIQUOR	5	ANOXIC ZONE MIXING					
BRX-16.309	BIO 3	AX-3	VERTICAL	MIXED LIQUOR	5	ANOXIC ZONE MIXING					
BRX-16.310	BIO 3	AX-3	VERTICAL	MIXED LIQUOR	5	ANOXIC ZONE MIXING					
BRXA-604	BIO 4	AN-1	VERTICAL	MIXED LIQUOR	5	EXISTING MIXER - REPLACE IMPELLER ONLY					
BRXB-604	BIO 4	AN-1	VERTICAL	MIXED LIQUOR	5	EXISTING MIXER - REPLACE IMPELLER ONLY					
BRX-16.407	BIO 4	AX-2	FLOATING	MIXED LIQUOR	5	ANOXIC ZONE MIXING					
BRX-16.408	BIO 4	AX-2	FLOATING	MIXED LIQUOR	5	ANOXIC ZONE MIXING					
BRX-16.409	BIO 4	AX-3	VERTICAL	MIXED LIQUOR	5	ANOXIC ZONE MIXING					
BRX-16 410	BIO 4	AX-3	VERTICAL	MIXED LIQUOR	5	ANOXIC ZONE MIXING					

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PUI	/IP SEAL	WATER	VALVE											
			WASHER (FE											.
			WASHER (FE											A
:R V.	ALVE FO	RGRIT	WASHER (FE	V)										
1.	DH (FT)	CONTRO		ED VOLTAGE		D	ESCRIPTION							
1	3.5	VFD	590	460	3		AL RECYCLE BIO. 2							
	3.5	VFD	590	460	3		AL RECYCLE BIO. 2							
	3.5	VFD	590	460	3		AL RECYCLE BIO. 3							
	3.5	VFD	590	460	3		AL RECYCLE BIO. 3							
	3.5 3.5	VFD VFD	590 590	460	3		AL RECYCLE BIO. 4 AL RECYCLE BIO. 4							
	26.5	FIXED		480	3		IT PUMP NO. 1							B
	26.5	FIXED		480	3		IT PUMP NO. 2							
	26.5	FIXED		480	3	GR	IT PUMP NO. 3							
-	26.5	FIXED		480	3		IT PUMP NO. 4							
+	26.5 26.5	FIXED FIXED		480	3		Y PUMP NO. 5 (BID ALT) Y PUMP NO. 6 (BID ALT)							
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HED	JLE]				
	ENSION	— M	OUNTING	TYPE OF	STEM ⁽⁵⁾	OPERATOR ⁽⁶⁾	DESC	RIPTION						
DTH		ні		FRAME										
4' 4'	6.5 6.5		FM FM	SC SC	NRS NRS	MO MO	GATES TO BE CONTRAI GATES TO BE CONTRAI							
• 1'	6.5		FM	sc	NRS	MO	GATES TO BE CONTRAI							C
3'	3'		FM	NSC	NRS	со	TERMINATE ST	TEM AT GR	ATING					
3'	3'		FM	NSC	NRS	co	TERMINATE ST							
3'	3'		FM	NSC	NRS	CO	TERMINATE ST	i ⊨M AT GR/	ATING					
T = "	E" Wall T	himble												
	aroto- P	10D - M	odulation Mot		 – Цолен 		1HO = Manual Hydraulic Ope	arator /Lian-1	Pump), PC -					
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						MISCE	LLANEOUS EQUIPMENT S	CHEDULE						
		AG NO.		LOCATION			TYPE	SERVICE			DESCRIPTION	ON		
		N-21.310		ILDING - UPPE			GRIT WASHER	GRIT	1.5 TON/HR	3	-			
		N-21.320		LDING - UPPE			GRIT WASHER	GRIT	1.5 TON/HR	3	(PID ALT)			
	GR	N-31.330		LDING - UPPE		-	GRIT WASHER RAY HEADCELL UNIT	GRIT	1.5 TON/HR 12 ' DIA, TRAY	3	(BID ALT) GRIT BASIN N			
		-	_	DING - LOWE			RAY HEADCELL UNIT	GRIT	12 DIA. TRAT		GRIT BASIN N			
		-		LDING - LOW			RAY HEADCELL UNIT	GRIT	12' DIA. TRAY	- G	RIT BASIN NO. 3			
														_
														F
														4
				SOUT	H VAI	LLEY W	ATER RECLA	MATIC	N FACILI	ΤY	VER	FY SCALES	JOB NO. 10548A.10	G
			<u> </u>								BAR	S ONE INCH ON	DRAWING NO.	1
			1				PROJECT 5				OR	GINAL DRAWING		1

: jlefevre	; 						DESIGNED RWB DRAWN	- OFESSION	PROPESSION T				G)	South Val	11em	SOUTH VALL
AST SAVED BY							JRL CHECKED TL/GCS DATE	UNC. 10171598-2202 SIO BENCH BENCH SIO	Image: Window Stress Window Stres Window Stress Wi	Ca	ro			VATER RECLAMAT 7495 South 1300 W	NON FACILITY	E
LAS	REV	DATE	BY		DESCRIPTION		MARCH 2019	ANTE OF UNIT	*******					West Jordan, Utab 84	4084	
L			1		2		3	4	5	6		7	8		9	10
_	PRO	ECT NO. 10	0548A10	FILE N	AME: 10548A1000	G11.dgn										

LLET WATER RECLAMATI	VEINI I SOALES	10548A.10	G	
PROJECT 5	BAR IS ONE INCH ON ORIGINAL DRAWING	DRAWING NO.		
GENERAL	0 1"	G-11		
EQUIPMENT SCHEDUL	IF NOT ONE INCH ON THIS SHEET, ADJUST	SHEET NO.		
		SCALES ACCORDINGLY	11 OF 159	
11	13			