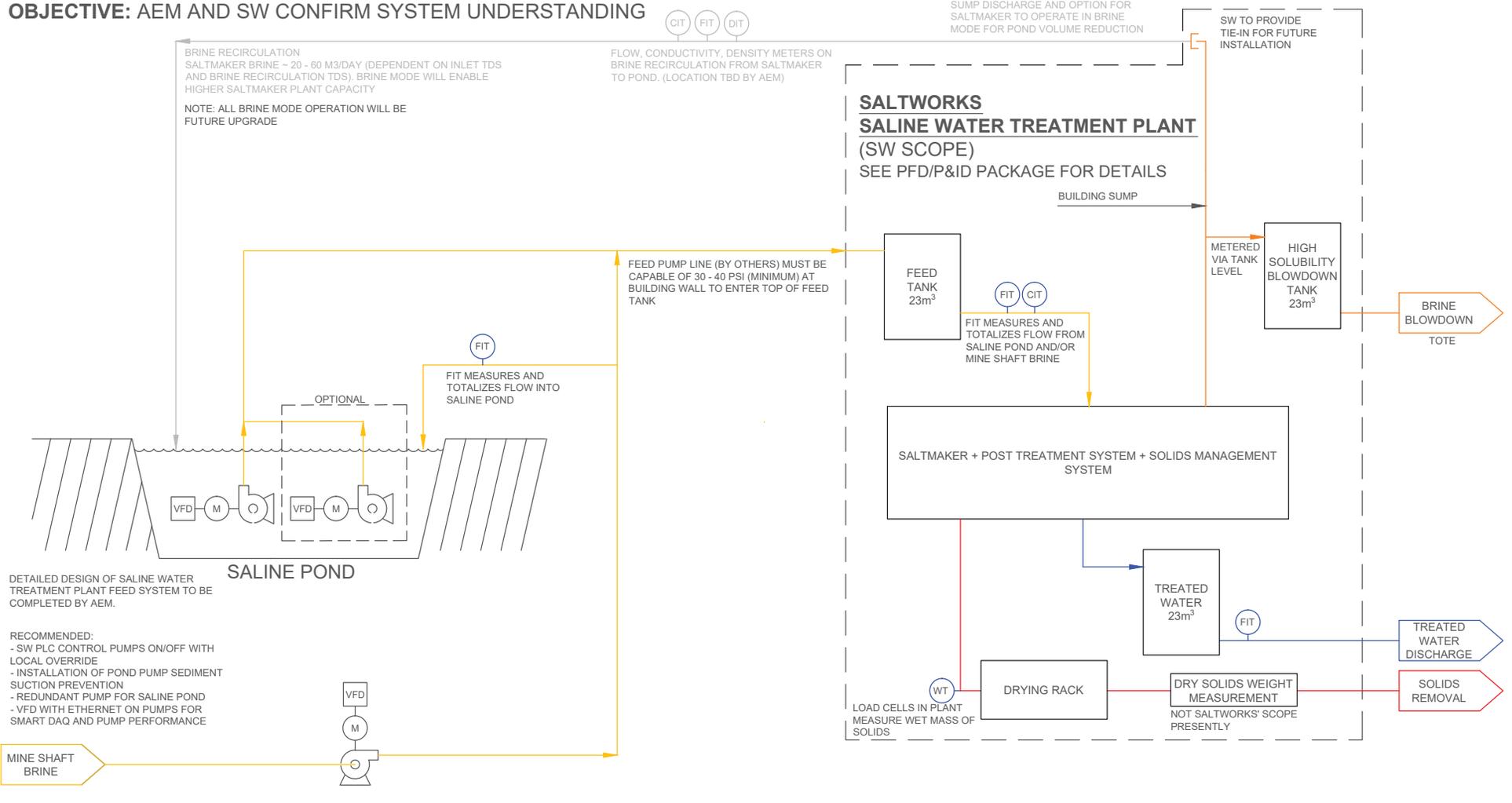


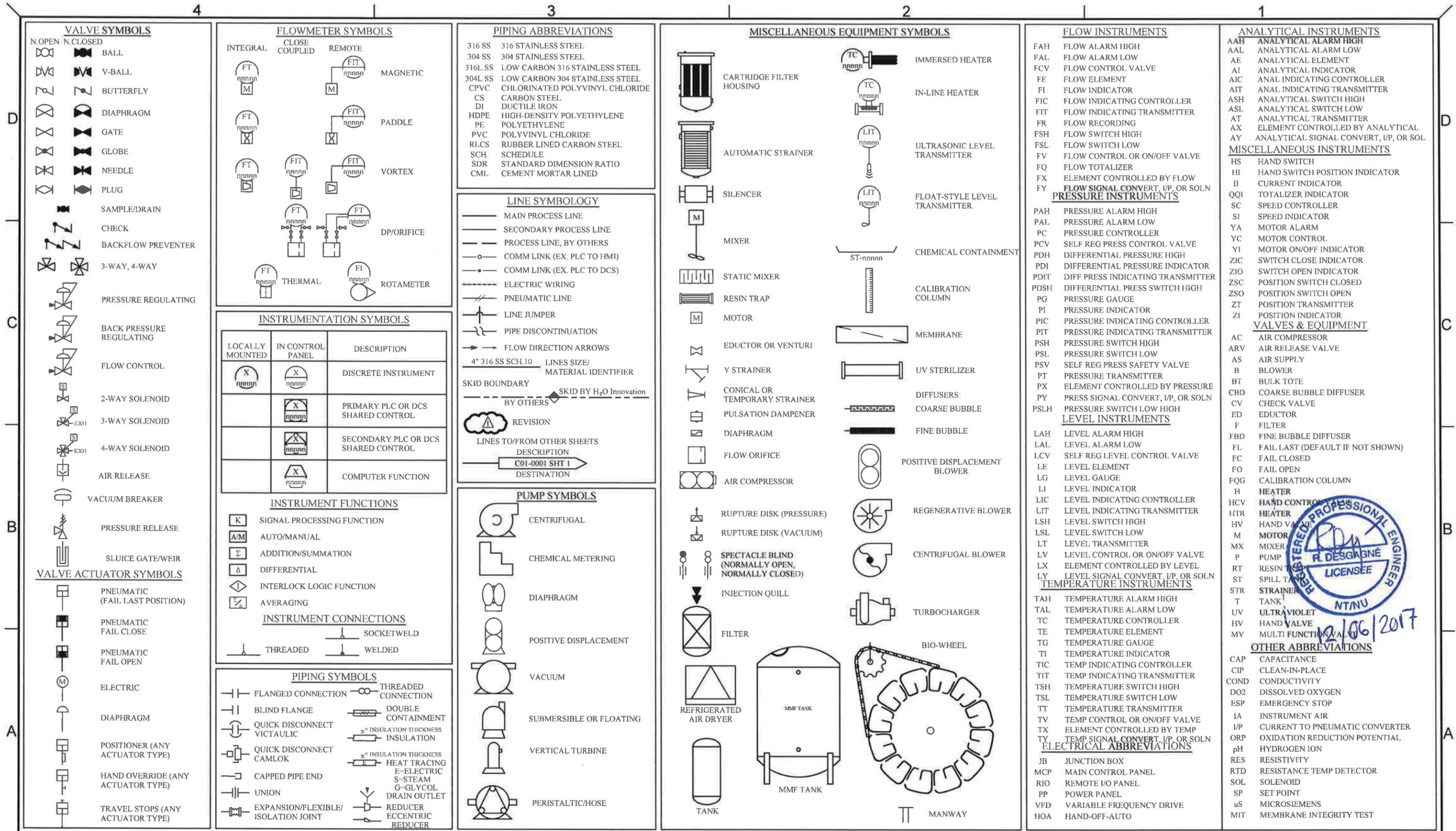
# AGNICO EAGLE - SALTWORKS: SALINE WATER TREATMENT PLANT INTEGRATION PFD

**OBJECTIVE: AEM AND SW CONFIRM SYSTEM UNDERSTANDING**



DRAWING STATUS:	DRAWING STATUS	LTR	DATE	DESCRIPTION	REV. BY:	TITLE:	AEM INTEGRATION PFD			
		1	26-SEP-2017	INITIAL DRAFT	XX	PROJECT:	SALTMAKER GEN III	CUSTOMER:	AGNICO EAGLE MINES	REVISION
		2	06-OCT-2017	UPDATED PER AEM COMMENTS	XX	PREPARED BY:	XX	DATE:	26-SEP-2017	DWG. NO.:
		3	30-OCT-2017	UPDATED PER AEM COMMENTS	ML	CHECKED BY:		DATE:		SW_EN_SM_GEN_III_PID_DWG_INTEGRATPFD
						APPROVED BY:	APPROVED BY	DATE:	APPROVED DATE	JOB/CD NO.:
										(JOB NO.)
										# OF #

DO NOT SCALE DRAWING



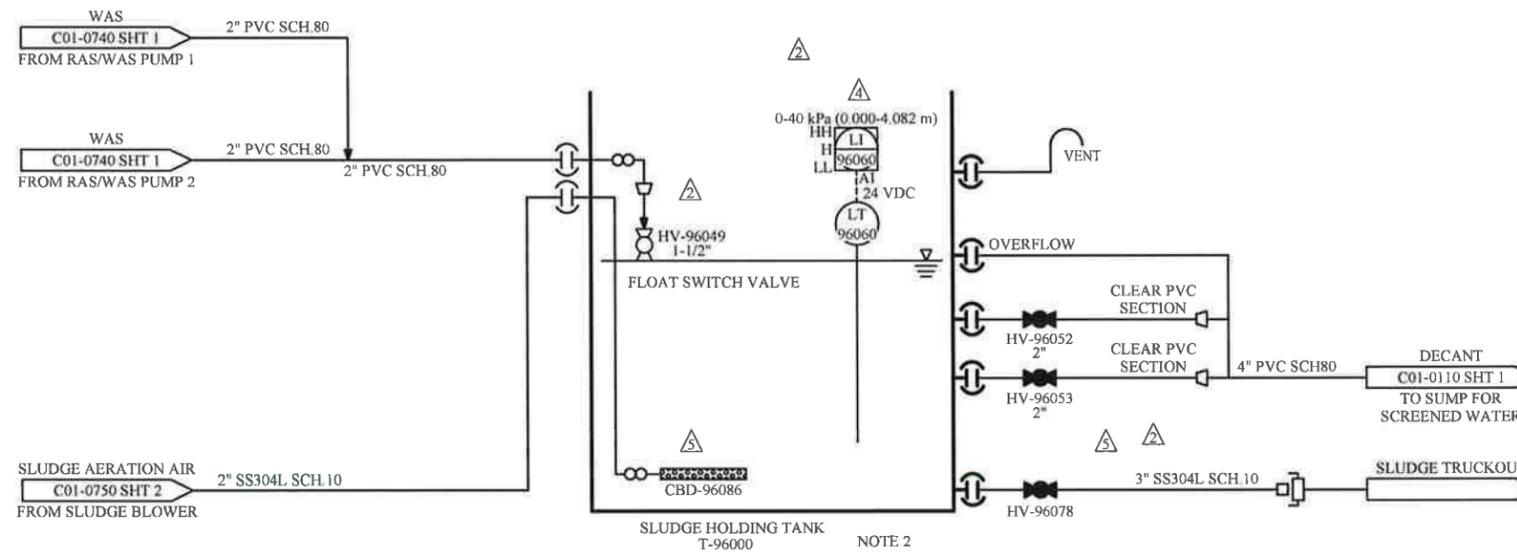
**NOTE:**  
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DRAWING REVISION						
REV	DATE	REVISION DESCRIPTION	DRAWN	CHKD	ENG	APPVD
06	02/12/2016	REVISED AS INSTALLED	M.P.	R.D.	H.C.	R.D.
05	21/09/2016	REVISED AS BUILT	M.P.	H.S.	H.C.	R.D.
04	08/02/2016	REVISED AS PER COMMENT	M.P.	H.S.	H.C.	H.C.
03	25/07/2016	REVISED AS PER COMMENT	M.P.	H.S.	H.C.	H.C.
01	11/07/2016	CHANGE SUMP TANK BALL TO GATE VALVE, SOLENOID TO ELECTRIC VALVE, TURBIDITY METER TO 120V	M.P.	H.S.	H.C.	H.C.



UNLESS NOTED OTHERWISE  
 INTERPRETATION AND USE:  
 TIT GRANCES: FRACTIONS: 1/16" 1/32" 1/64" 1/8" 1/4" 3/8" 1/2" 5/8" 3/4" 7/8" 1" 1 1/8" 1 1/4" 1 1/2" 1 3/4" 2" 2 1/4" 2 1/2" 2 3/4" 3" 3 1/4" 3 1/2" 3 3/4" 4" 4 1/4" 4 1/2" 4 3/4" 5" 5 1/4" 5 1/2" 5 3/4" 6" 6 1/4" 6 1/2" 6 3/4" 7" 7 1/4" 7 1/2" 7 3/4" 8" 8 1/4" 8 1/2" 8 3/4" 9" 9 1/4" 9 1/2" 9 3/4" 10" 10 1/4" 10 1/2" 10 3/4" 11" 11 1/4" 11 1/2" 11 3/4" 12" 12 1/4" 12 1/2" 12 3/4" 13" 13 1/4" 13 1/2" 13 3/4" 14" 14 1/4" 14 1/2" 14 3/4" 15" 15 1/4" 15 1/2" 15 3/4" 16" 16 1/4" 16 1/2" 16 3/4" 17" 17 1/4" 17 1/2" 17 3/4" 18" 18 1/4" 18 1/2" 18 3/4" 19" 19 1/4" 19 1/2" 19 3/4" 20" 20 1/4" 20 1/2" 20 3/4" 21" 21 1/4" 21 1/2" 21 3/4" 22" 22 1/4" 22 1/2" 22 3/4" 23" 23 1/4" 23 1/2" 23 3/4" 24" 24 1/4" 24 1/2" 24 3/4" 25" 25 1/4" 25 1/2" 25 3/4" 26" 26 1/4" 26 1/2" 26 3/4" 27" 27 1/4" 27 1/2" 27 3/4" 28" 28 1/4" 28 1/2" 28 3/4" 29" 29 1/4" 29 1/2" 29 3/4" 30" 30 1/4" 30 1/2" 30 3/4" 31" 31 1/4" 31 1/2" 31 3/4" 32" 32 1/4" 32 1/2" 32 3/4" 33" 33 1/4" 33 1/2" 33 3/4" 34" 34 1/4" 34 1/2" 34 3/4" 35" 35 1/4" 35 1/2" 35 3/4" 36" 36 1/4" 36 1/2" 36 3/4" 37" 37 1/4" 37 1/2" 37 3/4" 38" 38 1/4" 38 1/2" 38 3/4" 39" 39 1/4" 39 1/2" 39 3/4" 40" 40 1/4" 40 1/2" 40 3/4" 41" 41 1/4" 41 1/2" 41 3/4" 42" 42 1/4" 42 1/2" 42 3/4" 43" 43 1/4" 43 1/2" 43 3/4" 44" 44 1/4" 44 1/2" 44 3/4" 45" 45 1/4" 45 1/2" 45 3/4" 46" 46 1/4" 46 1/2" 46 3/4" 47" 47 1/4" 47 1/2" 47 3/4" 48" 48 1/4" 48 1/2" 48 3/4" 49" 49 1/4" 49 1/2" 49 3/4" 50" 50 1/4" 50 1/2" 50 3/4" 51" 51 1/4" 51 1/2" 51 3/4" 52" 52 1/4" 52 1/2" 52 3/4" 53" 53 1/4" 53 1/2" 53 3/4" 54" 54 1/4" 54 1/2" 54 3/4" 55" 55 1/4" 55 1/2" 55 3/4" 56" 56 1/4" 56 1/2" 56 3/4" 57" 57 1/4" 57 1/2" 57 3/4" 58" 58 1/4" 58 1/2" 58 3/4" 59" 59 1/4" 59 1/2" 59 3/4" 60" 60 1/4" 60 1/2" 60 3/4" 61" 61 1/4" 61 1/2" 61 3/4" 62" 62 1/4" 62 1/2" 62 3/4" 63" 63 1/4" 63 1/2" 63 3/4" 64" 64 1/4" 64 1/2" 64 3/4" 65" 65 1/4" 65 1/2" 65 3/4" 66" 66 1/4" 66 1/2" 66 3/4" 67" 67 1/4" 67 1/2" 67 3/4" 68" 68 1/4" 68 1/2" 68 3/4" 69" 69 1/4" 69 1/2" 69 3/4" 70" 70 1/4" 70 1/2" 70 3/4" 71" 71 1/4" 71 1/2" 71 3/4" 72" 72 1/4" 72 1/2" 72 3/4" 73" 73 1/4" 73 1/2" 73 3/4" 74" 74 1/4" 74 1/2" 74 3/4" 75" 75 1/4" 75 1/2" 75 3/4" 76" 76 1/4" 76 1/2" 76 3/4" 77" 77 1/4" 77 1/2" 77 3/4" 78" 78 1/4" 78 1/2" 78 3/4" 79" 79 1/4" 79 1/2" 79 3/4" 80" 80 1/4" 80 1/2" 80 3/4" 81" 81 1/4" 81 1/2" 81 3/4" 82" 82 1/4" 82 1/2" 82 3/4" 83" 83 1/4" 83 1/2" 83 3/4" 84" 84 1/4" 84 1/2" 84 3/4" 85" 85 1/4" 85 1/2" 85 3/4" 86" 86 1/4" 86 1/2" 86 3/4" 87" 87 1/4" 87 1/2" 87 3/4" 88" 88 1/4" 88 1/2" 88 3/4" 89" 89 1/4" 89 1/2" 89 3/4" 90" 90 1/4" 90 1/2" 90 3/4" 91" 91 1/4" 91 1/2" 91 3/4" 92" 92 1/4" 92 1/2" 92 3/4" 93" 93 1/4" 93 1/2" 93 3/4" 94" 94 1/4" 94 1/2" 94 3/4" 95" 95 1/4" 95 1/2" 95 3/4" 96" 96 1/4" 96 1/2" 96 3/4" 97" 97 1/4" 97 1/2" 97 3/4" 98" 98 1/4" 98 1/2" 98 3/4" 99" 99 1/4" 99 1/2" 99 3/4" 100" 100 1/4" 100 1/2" 100 3/4" 101" 101 1/4" 101 1/2" 101 3/4" 102" 102 1/4" 102 1/2" 102 3/4" 103" 103 1/4" 103 1/2" 103 3/4" 104" 104 1/4" 104 1/2" 104 3/4" 105" 105 1/4" 105 1/2" 105 3/4" 106" 106 1/4" 106 1/2" 106 3/4" 107" 107 1/4" 107 1/2" 107 3/4" 108" 108 1/4" 108 1/2" 108 3/4" 109" 109 1/4" 109 1/2" 109 3/4" 110" 110 1/4" 110 1/2" 110 3/4" 111" 111 1/4" 111 1/2" 111 3/4" 112" 112 1/4" 112 1/2" 112 3/4" 113" 113 1/4" 113 1/2" 113 3/4" 114" 114 1/4" 114 1/2" 114 3/4" 115" 115 1/4" 115 1/2" 115 3/4" 116" 116 1/4" 116 1/2" 116 3/4" 117" 117 1/4" 117 1/2" 117 3/4" 118" 118 1/4" 118 1/2" 118 3/4" 119" 119 1/4" 119 1/2" 119 3/4" 120" 120 1/4" 120 1/2" 120 3/4" 121" 121 1/4" 121 1/2" 121 3/4" 122" 122 1/4" 122 1/2" 122 3/4" 123" 123 1/4" 123 1/2" 123 3/4" 124" 124 1/4" 124 1/2" 124 3/4" 125" 125 1/4" 125 1/2" 125 3/4" 126" 126 1/4" 126 1/2" 126 3/4" 127" 127 1/4" 127 1/2" 127 3/4" 128" 128 1/4" 128 1/2" 128 3/4" 129" 129 1/4" 129 1/2" 129 3/4" 130" 130 1/4" 130 1/2" 130 3/4" 131" 131 1/4" 131 1/2" 131 3/4" 132" 132 1/4" 132 1/2" 132 3/4" 133" 133 1/4" 133 1/2" 133 3/4" 134" 134 1/4" 134 1/2" 134 3/4" 135" 135 1/4" 135 1/2" 135 3/4" 136" 136 1/4" 136 1/2" 136 3/4" 137" 137 1/4" 137 1/2" 137 3/4" 138" 138 1/4" 138 1/2" 138 3/4" 139" 139 1/4" 139 1/2" 139 3/4" 140" 140 1/4" 140 1/2" 140 3/4" 141" 141 1/4" 141 1/2" 141 3/4" 142" 142 1/4" 142 1/2" 142 3/4" 143" 143 1/4" 143 1/2" 143 3/4" 144" 144 1/4" 144 1/2" 144 3/4" 145" 145 1/4" 145 1/2" 145 3/4" 146" 146 1/4" 146 1/2" 146 3/4" 147" 147 1/4" 147 1/2" 147 3/4" 148" 148 1/4" 148 1/2" 148 3/4" 149" 149 1/4" 149 1/2" 149 3/4" 150" 150 1/4" 150 1/2" 150 3/4" 151" 151 1/4" 151 1/2" 151 3/4" 152" 152 1/4" 152 1/2" 152 3/4" 153" 153 1/4" 153 1/2" 153 3/4" 154" 154 1/4" 154 1/2" 154 3/4" 155" 155 1/4" 155 1/2" 155 3/4" 156" 156 1/4" 156 1/2" 156 3/4" 157" 157 1/4" 157 1/2" 157 3/4" 158" 158 1/4" 158 1/2" 158 3/4" 159" 159 1/4" 159 1/2" 159 3/4" 160" 160 1/4" 160 1/2" 160 3/4" 161" 161 1/4" 161 1/2" 161 3/4" 162" 162 1/4" 162 1/2" 162 3/4" 163" 163 1/4" 163 1/2" 163 3/4" 164" 164 1/4" 164 1/2" 164 3/4" 165" 165 1/4" 165 1/2" 165 3/4" 166" 166 1/4" 166 1/2" 166 3/4" 167" 167 1/4" 167 1/2" 167 3/4" 168" 168 1/4" 168 1/2" 168 3/4" 169" 169 1/4" 169 1/2" 169 3/4" 170" 170 1/4" 170 1/2" 170 3/4" 171" 171 1/4" 171 1/2" 171 3/4" 172" 172 1/4" 172 1/2" 172 3/4" 173" 173 1/4" 173 1/2" 173 3/4" 174" 174 1/4" 174 1/2" 174 3/4" 175" 175 1/4" 175 1/2" 175 3/4" 176" 176 1/4" 176 1/2" 176 3/4" 177" 177 1/4" 177 1/2" 177 3/4" 178" 178 1/4" 178 1/2" 178 3/4" 179" 179 1/4" 179 1/2" 179 3/4" 180" 180 1/4" 180 1/2" 180 3/4" 181" 181 1/4" 181 1/2" 181 3/4" 182" 182 1/4" 182 1/2" 182 3/4" 183" 183 1/4" 183 1/2" 183 3/4" 184" 184 1/4" 184 1/2" 184 3/4" 185" 185 1/4" 185 1/2" 185 3/4" 186" 186 1/4" 186 1/2" 186 3/4" 187" 187 1/4" 187 1/2" 187 3/4" 188" 188 1/4" 188 1/2" 188 3/4" 189" 189 1/4" 189 1/2" 189 3/4" 190" 190 1/4" 190 1/2" 190 3/4" 191" 191 1/4" 191 1/2" 191 3/4" 192" 192 1/4" 192 1/2" 192 3/4" 193" 193 1/4" 193 1/2" 193 3/4" 194" 194 1/4" 194 1/2" 194 3/4" 195" 195 1/4" 195 1/2" 195 3/4" 196" 196 1/4" 196 1/2" 196 3/4" 197" 197 1/4" 197 1/2" 197 3/4" 198" 198 1/4" 198 1/2" 198 3/4" 199" 199 1/4" 199 1/2" 199 3/4" 200" 200 1/4" 200 1/2" 200 3/4" 201" 201 1/4" 201 1/2" 201 3/4" 202" 202 1/4" 202 1/2" 202 3/4" 203" 203 1/4" 203 1/2" 203 3/4" 204" 204 1/4" 204 1/2" 204 3/4" 205" 205 1/4" 205 1/2" 205 3/4" 206" 206 1/4" 206 1/2" 206 3/4" 207" 207 1/4" 207 1/2" 207 3/4" 208" 208 1/4" 208 1/2" 208 3/4" 209" 209 1/4" 209 1/2" 209 3/4" 210" 210 1/4" 210 1/2" 210 3/4" 211" 211 1/4" 211 1/2" 211 3/4" 212" 212 1/4" 212 1/2" 212 3/4" 213" 213 1/4" 213 1/2" 213 3/4" 214" 214 1/4" 214 1/2" 214 3/4" 215" 215 1/4" 215 1/2" 215 3/4" 216" 216 1/4" 216 1/2" 216 3/4" 217" 217 1/4" 217 1/2" 217 3/4" 218" 218 1/4" 218 1/2" 218 3/4" 219" 219 1/4" 219 1/2" 219 3/4" 220" 220 1/4" 220 1/2" 220 3/4" 221" 221 1/4" 221 1/2" 221 3/4" 222" 222 1/4" 222 1/2" 222 3/4" 223" 223 1/4" 223 1/2" 223 3/4" 224" 224 1/4" 224 1/2" 224 3/4" 225" 225 1/4" 225 1/2" 225 3/4" 226" 226 1/4" 226 1/2" 226 3/4" 227" 227 1/4" 227 1/2" 227 3/4" 228" 228 1/4" 228 1/2" 228 3/4" 229" 229 1/4" 229 1/2" 229 3/4" 230" 230 1/4" 230 1/2" 230 3/4" 231" 231 1/4" 231 1/2" 231 3/4" 232" 232 1/4" 232 1/2" 232 3/4" 233" 233 1/4" 233 1/2" 233 3/4" 234" 234 1/4" 234 1/2" 234 3/4" 235" 235 1/4" 235 1/2" 235 3/4" 236" 236 1/4" 236 1/2" 236 3/4" 237" 237 1/4" 237 1/2" 237 3/4" 238" 238 1/4" 238 1/2" 238 3/4" 239" 239 1/4" 239 1/2" 239 3/4" 240" 240 1/4" 240 1/2" 240 3/4" 241" 241 1/4" 241 1/2" 241 3/4" 242" 242 1/4" 242 1/2" 242 3/4" 243" 243 1/4" 243 1/2" 243 3/4" 244" 244 1/4" 244 1/2" 244 3/4" 245" 245 1/4" 245 1/2" 245 3/4" 246" 246 1/4" 246 1/2" 246 3/4" 247" 247 1/4" 247 1/2" 247 3/4" 248" 248 1/4" 248 1/2" 248 3/4" 249" 249 1/4" 249 1/2" 249 3/4" 250" 250 1/4" 250 1/2" 250 3/4" 251" 251 1/4" 251 1/2" 251 3/4" 252" 252 1/4" 252 1/2" 252 3/4" 253" 253 1/4" 253 1/2" 253 3/4" 254" 254 1/4" 254 1/2" 254 3/4" 255" 255 1/4" 255 1/2" 255 3/4" 256" 256 1/4" 256 1/2" 256 3/4" 257" 257 1/4" 257 1/2" 257 3/4" 258" 258 1/4" 258 1/2" 258 3/4" 259" 259 1/4" 259 1/2" 259 3/4" 260" 260 1/4" 260 1/2" 260 3/4" 261" 261 1/4" 261 1/2" 261 3/4" 262" 262 1/4" 262 1/2" 262 3/4" 263" 263 1/4" 263 1/2" 263 3/4" 264" 264 1/4" 264 1/2" 264 3/4" 265" 265 1/4" 265 1/2" 265 3/4" 266" 266 1/4" 266 1/2" 266 3/4" 267" 267 1/4" 267 1/2" 267 3/4" 268" 268 1/4" 268 1/2" 268 3/4" 269" 269 1/4" 269 1/2" 269 3/4" 270" 270 1/4" 270 1/2" 270 3/4" 271" 271 1/4" 271 1/2" 271 3/4" 272" 272 1/4" 272 1/2" 272 3/4" 273" 273 1/4" 273 1/2" 273 3/4" 274" 274 1/4" 274 1/2" 274 3/4" 275" 275 1/4" 275 1/2" 275 3/4" 276" 276 1/4" 276 1/2" 276 3/4" 277" 277 1/4" 277 1/2" 277 3/4" 278" 278 1/4" 278 1/2" 278 3/4" 279" 279 1/4" 279 1/2" 279 3/4" 280" 280 1/4" 280 1/2" 280 3/4" 281" 281 1/4" 281 1/2" 281 3/4" 282" 282 1/4" 282 1/2" 282 3/4" 283" 283 1/4" 283 1/2" 283 3/4" 284" 284 1/4" 284 1/2" 284 3/4" 285" 285 1/4" 285 1/2" 285 3/4" 286" 286 1/4" 286 1/2" 286 3/4" 287" 287 1/4" 287 1/2" 287 3/4" 288" 288 1/4" 288 1/2" 288 3/4" 289" 289 1/4" 289 1/2" 289 3/4" 290" 290 1/4" 290 1/2" 290 3/4" 291" 291 1/4" 291 1/2" 291 3/4" 292" 292 1/4" 292 1/2" 292 3/4" 293" 293 1/4" 293 1/2" 293 3/4" 294" 294 1/4" 294 1/2" 294 3/4" 295" 295 1/4" 295 1/2" 295 3/4" 296" 296 1/4" 296 1/2" 296 3/4" 297" 297 1/4" 297 1/2" 297 3/4" 298" 298 1/4" 298 1/2" 298 3/4" 299" 299 1/4" 299 1/2" 299 3/4" 300" 300 1/4" 300 1/2" 300 3/4" 301" 301 1/4" 301 1/2" 301 3/4" 302" 302 1/4" 302 1/2" 302 3/4" 303" 303 1/4" 303 1/2" 303 3/4" 304" 304 1/4" 304 1/2" 304 3/4" 305" 305 1/4" 305 1/2" 305 3/4" 306" 306 1/4" 306 1/2" 306 3/4" 307" 307 1/4" 307 1/2" 307 3/4" 308" 308 1/4" 308 1/2" 308 3/4" 309" 309 1/4" 309 1/2" 309 3/4" 310" 310 1/4" 310 1/2" 310 3/4" 311" 311 1/4" 311 1/2" 311 3/4" 312" 312 1/4" 312 1/2" 312 3/4" 313" 313 1/4" 313 1/2" 313 3/4" 314" 314 1/4" 314 1/2" 314 3/4" 315" 315 1/4" 315 1/2" 315 3/4" 316" 316 1/4" 316 1/2" 316 3/4" 317" 317 1/4" 317 1/2" 317 3/4" 318" 318 1/4" 318 1/2" 318 3/4" 319" 319 1/4" 319 1/2" 319 3/4" 320" 320 1/4" 320 1/2" 320 3/4" 321" 321 1/4" 321 1/2" 321 3/4" 322" 322 1/4" 322 1/2" 322 3/4" 323" 323 1/4" 323 1/2" 323 3/4" 324" 324 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1/2" 355 3/4" 356" 356 1/4" 356 1/2" 356 3/4" 357" 357 1/4" 357 1/2" 357 3/4" 358" 358 1/4" 358 1/2" 358 3/4" 359" 359 1/4" 359 1/2" 359 3/4" 360" 360 1/4" 360 1/2" 360 3/4" 361" 361 1/4" 361 1/2" 361 3/4" 362" 362 1/4" 362 1/2" 362 3/4" 363" 363 1/4" 363 1/2" 363 3/4" 364" 364 1/4" 364 1/2" 364 3/4" 365" 365 1/4" 365 1/2" 365 3/4" 366" 366 1/4" 366 1/2" 366 3/4" 367" 367 1/4" 367 1/2" 367 3/4" 368" 368 1/4" 368 1/2" 368 3/4" 369" 369 1/4" 369 1/2" 369 3/4" 370" 370 1/4" 370 1/2" 370 3/4" 371" 371 1/4" 371 1/2" 371



- NOTES:
1. ALL COMPONENTS GOING INTO RIO 101.
  2. SLUDGE HOLDING TANK WITH COVER.
  3. ALL VENT TO OUTSIDE.

NOTE:  
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DRAWING REVISION						
REV	DATE	REVISION DESCRIPTION	DRAWN	CHKD	ENG	APPVD
06	02/12/2016	REVISED AS INSTALLED	M.P.	R.D.	H.C.	R.D.
05	21/09/2016	REVISED AS BUILT	M.P.	H.S.	H.C.	R.D.
04	08/02/2016	REVISED AS PER COMMENT	M.P.	H.S.	H.C.	H.C.
03	25/07/2016	REVISED AS PER COMMENT	M.P.	H.S.	H.C.	H.C.
01	11/07/2016	CHANGE SUMP TANK BALL TO GATE VALVE, SOLENOID TO ELECTRIC VALVE, TURBIDITY METER TO 120V	M.P.	H.S.	H.C.	H.C.



UNLESS NOTED OTHERWISE  
 INTERPRETATION ANSI Y14.5  
 TOLERANCES: DECIMALS 0.1, 0.010, 0.015, 0.020, 0.030, 0.050, 0.075, 0.100, 0.150, 0.200, 0.300, 0.500, 1.000, 1.500, 2.000, 3.000, 4.000, 6.000, 10.000, 15.000, 20.000, 30.000, 40.000, 50.000, 75.000, 100.000, 150.000, 200.000, 300.000, 400.000, 500.000, 750.000, 1000.000  
 ANGLES: 16°, 30°, 45°, 60°, 90°, 120°, 150°, 180°  
 HOLE SIZES: HOLE CENTERS  
 DO NOT SCALE PRINTS

MELIADINE STP  
 216 M3/DAY

TITLE: SLUDGE HANDLING SYSTEM PROCESS & INSTRUMENTATION DIAGRAM		
SCALE: N/A	DRAWING NUMBER: U65875-C01-0960	REVISION 06
SHEET: 1 of 1		

<p><b>VALVE SYMBOLS</b></p> <p>N OPEN N CLOSED</p> <p>BALL</p> <p>V-BALL</p> <p>BUTTERFLY</p> <p>DIAPHRAGM</p> <p>GATE</p> <p>GLOBE</p> <p>NEEDLE</p> <p>PLUG</p> <p>SAMPLE/DRAIN CHECK</p> <p>BACKFLOW PREVENTER</p> <p>INJECTION QUILL</p> <p>3-WAY, 4-WAY</p> <p>PRESSURE REGULATING</p> <p>BACK PRESSURE REGULATING</p> <p>FLOW CONTROL</p> <p>2-WAY SOLENOID</p> <p>3-WAY SOLENOID</p> <p>4-WAY SOLENOID</p> <p>AIR RELEASE</p> <p>VACUUM BREAKER</p> <p>PRESSURE RELEASE</p> <p>SLUICE GATE/WEIR</p> <p><b>VALVE ACTUATOR SYMBOLS</b></p> <p>PNEUMATIC (FAIL LAST POSITION)</p> <p>F.C. PNEUMATIC FAIL CLOSE</p> <p>F.O. PNEUMATIC FAIL OPEN</p> <p>ELECTRIC</p> <p>DIAPHRAGM</p> <p>POSITIONER (ANY ACTUATOR TYPE)</p> <p>HAND OVERRIDE (ANY ACTUATOR TYPE)</p> <p>TRAVEL STOPS (ANY ACTUATOR TYPE)</p>	<p><b>FLOWMETER SYMBOLS</b></p> <p>ROTAMETER</p> <p>ROTAMETER W/ INTEGRAL NEEDLE VALVE</p> <p>THERMAL</p> <p>INTEGRAL</p> <p>REMOTE</p> <p>MAGNETIC</p> <p>PADDLE</p> <p>VORTEX</p> <p>DP/ORIFICE</p>	<p><b>PIPING ABBREVIATIONS</b></p> <p>316 SS 316 STAINLESS STEEL</p> <p>304 SS 304 STAINLESS STEEL</p> <p>316L SS LOW CARBON 316 STAINLESS STEEL</p> <p>304L SS LOW CARBON 304 STAINLESS STEEL</p> <p>CPVC CHLORINATED POLYVINYL CHLORIDE</p> <p>CS CARBON STEEL</p> <p>DI DUCTILE IRON</p> <p>HDPE HIGH-DENSITY POLYETHYLENE</p> <p>PE POLYETHYLENE</p> <p>PVC POLYVINYL CHLORIDE</p> <p>RLCS RUBBER LINED CARBON STEEL</p> <p>SCH SCHEDULE</p> <p>SDR STANDARD DIMENSION RATIO</p>	<p><b>MISCELLANEOUS EQUIPMENT SYMBOLS</b></p> <p>CARTRIDGE FILTER HOUSING</p> <p>AUTOMATIC STRAINER</p> <p>SILENCER</p> <p>MOTORIZED MIXER</p> <p>STATIC MIXER</p> <p>RESIN TRAP</p> <p>MOTOR</p> <p>EDUCTOR OR VENTURI</p> <p>Y STRAINER</p> <p>CONICAL OR TEMPORARY STRAINER</p> <p>PULSATION DAMPENER</p> <p>DIAPHRAGM</p> <p>FLOW ORIFICE</p> <p>RUPTURE DISK (PRESSURE)</p> <p>RUPTURE DISK (VACUUM)</p> <p>SPECTACLE BLIND (NORMALLY OPEN, NORMALLY CLOSED)</p> <p>COARSE BUBBLE DIFFUSER</p> <p>FINE BUBBLE DIFFUSER</p> <p>FILTER</p> <p>TURBOCHARGER</p> <p>MANWAY</p> <p>TANK</p> <p>BIO-WHEEL</p>	<p><b>FLOW INSTRUMENTS</b></p> <p>FAH FLOW ALARM HIGH</p> <p>FAL FLOW ALARM LOW</p> <p>FCV FLOW CONTROL VALVE</p> <p>FE FLOW ELEMENT</p> <p>FI FLOW INDICATOR</p> <p>FIC FLOW INDICATING CONTROLLER</p> <p>FIT FLOW INDICATING TRANSMITTER</p> <p>FR FLOW RECORDING</p> <p>FSH FLOW SWITCH HIGH</p> <p>FSL FLOW SWITCH LOW</p> <p>FV FLOW CONTROL OR ON/OFF VALVE</p> <p>FQ FLOW TOTALIZER</p> <p>FY FLOW SIGNAL CONVERT, I/P, OR SOLN</p> <p><b>PRESSURE INSTRUMENTS</b></p> <p>PAH PRESSURE ALARM HIGH</p> <p>PAL PRESSURE ALARM LOW</p> <p>PCV PRESSURE CONTROLLER</p> <p>PCV SELF REG PRESS CONTROL VALVE</p> <p>PDH DIFFERENTIAL PRESSURE HIGH</p> <p>PDI DIFFERENTIAL PRESSURE INDICATOR</p> <p>PDIT DIFF PRESS INDICATING TRANSMITTER</p> <p>PDSH DIFFERENTIAL PRESS SWITCH HIGH</p> <p>PG PRESSURE GAUGE</p> <p>PI PRESSURE INDICATOR</p> <p>PIC PRESSURE INDICATING CONTROLLER</p> <p>PIT PRESSURE INDICATING TRANSMITTER</p> <p>PSH PRESSURE SWITCH HIGH</p> <p>PSL PRESSURE SWITCH LOW</p> <p>PSV SELF REG PRESS SAFETY VALVE</p> <p>PT PRESSURE TRANSMITTER</p> <p>PY PRESS SIGNAL CONVERT, I/P, OR SOLN</p> <p>PSLH PRESSURE SWITCH LOW HIGH</p> <p><b>LEVEL INSTRUMENTS</b></p> <p>LAH LEVEL ALARM HIGH</p> <p>LAL LEVEL ALARM LOW</p> <p>LCV SELF REG LEVEL CONTROL VALVE</p> <p>LE LEVEL ELEMENT</p> <p>LG LEVEL GAUGE</p> <p>LI LEVEL INDICATOR</p> <p>LIC LEVEL INDICATING CONTROLLER</p> <p>LIT LEVEL INDICATING TRANSMITTER</p> <p>LSH LEVEL SWITCH HIGH</p> <p>LSL LEVEL SWITCH LOW</p> <p>LT LEVEL TRANSMITTER</p> <p>LV LEVEL CONTROL OR ON/OFF VALVE</p> <p>LY LEVEL SIGNAL CONVERT, I/P, OR SOLN</p> <p><b>TEMPERATURE INSTRUMENTS</b></p> <p>TAH TEMPERATURE ALARM HIGH</p> <p>TAL TEMPERATURE ALARM LOW</p> <p>TC TEMPERATURE CONTROLLER</p> <p>TE TEMPERATURE ELEMENT</p> <p>TG TEMPERATURE GAUGE</p> <p>TI TEMPERATURE INDICATOR</p> <p>TIC TEMP INDICATING CONTROLLER</p> <p>TIT TEMP INDICATING TRANSMITTER</p> <p>TSH TEMPERATURE SWITCH HIGH</p> <p>TSL TEMPERATURE SWITCH LOW</p> <p>TT TEMPERATURE TRANSMITTER</p> <p>TV TEMP CONTROL OR ON/OFF VALVE</p> <p>TY TEMP SIGNAL CONVERT, I/P, OR SOLN</p> <p><b>ELECTRICAL ABBREVIATIONS</b></p> <p>JB JUNCTION BOX</p> <p>MCP MAIN CONTROL PANEL</p> <p>RIO REMOTE I/O PANEL</p> <p>PP POWER PANEL</p> <p>VFD VARIABLE FREQUENCY DRIVE</p> <p>HOA HAND-OFF-AUTO</p>	<p><b>ANALYTICAL INSTRUMENTS</b></p> <p>AAH ANALYTICAL ALARM HIGH</p> <p>AAL ANALYTICAL ALARM LOW</p> <p>AE ANALYTICAL ELEMENT</p> <p>AI ANALYTICAL INDICATOR</p> <p>AIC ANAL INDICATING CONTROLLER</p> <p>AIT ANAL INDICATING TRANSMITTER</p> <p>ASH ANALYTICAL SWITCH HIGH</p> <p>ASL ANALYTICAL SWITCH LOW</p> <p>AT ANALYTICAL TRANSMITTER</p> <p>AY ANALYTICAL SIGNAL CONVERT, I/P, OR SOLN</p> <p><b>MISCELLANEOUS INSTRUMENTS</b></p> <p>HS HAND SWITCH</p> <p>HI HAND SWITCH POSITION INDICATOR</p> <p>II CURRENT INDICATOR</p> <p>QOI TOTALIZER INDICATOR</p> <p>SC SPEED CONTROLLER</p> <p>SI SPEED INDICATOR</p> <p>YA MOTOR ALARM</p> <p>YC MOTOR CONTROL</p> <p>YI MOTOR ON/OFF INDICATOR</p> <p>ZI POSITION INDICATOR</p> <p>ZIC SWITCH CLOSE INDICATOR</p> <p>ZIO SWITCH OPEN INDICATOR</p> <p>ZSC POSITION SWITCH CLOSED</p> <p>ZSO POSITION SWITCH OPEN</p> <p>ZT POSITION TRANSMITTER</p> <p>ZY POSITIONER</p> <p><b>VALVES &amp; EQUIPMENT</b></p> <p>AC AIR COMPRESSOR</p> <p>ARV AIR RELEASE VALVE</p> <p>AS AIR SUPPLY</p> <p>B BLOWER</p> <p>BT BULK TOTE</p> <p>CBD COARSE BUBBLE DIFFUSER</p> <p>CV CHECK VALVE</p> <p>ED EDUCTOR</p> <p>F FILTER</p> <p>FBD FINE BUBBLE DIFFUSER</p> <p>FL FAIL LAST (DEFAULT IF NOT SHOWN)</p> <p>FC FAIL CLOSED</p> <p>FO FAIL OPEN</p> <p>FQG CALIBRATION COLUMN</p> <p>H HEATER</p> <p>HCV HAND CONTROL VALVE</p> <p>HTR HEATER</p> <p>HV HAND VALVE</p> <p>M MOTOR</p> <p>MX MIXER</p> <p>P PUMP</p> <p>RT RESIN TRAP</p> <p>ST SPILL TANK</p> <p>STR STRAINER</p> <p>T TANK</p> <p>UV ULTRAVIOLET</p> <p>HV HAND VALVE</p> <p>MV MULTI FUNCTION VALVE</p> <p><b>OTHER ABBREVIATIONS</b></p> <p>CAP CAPACITANCE</p> <p>CIP CLEAN-IN-PLACE</p> <p>COND CONDUCTIVITY</p> <p>DO<sub>2</sub> DISSOLVED OXYGEN</p> <p>ESP EMERGENCY STOP</p> <p>IA INSTRUMENT AIR</p> <p>I/P CURRENT TO PNEUMATIC CONVERTER</p> <p>ORP OXIDATION REDUCTION POTENTIAL</p> <p>pH HYDROGEN ION</p> <p>RES RESISTIVITY</p> <p>RTD RESISTANCE TEMP DETECTOR</p> <p>SOL SOLENOID</p> <p>SP SET POINT</p> <p>uS MICROSIEMENS</p>
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**INSTRUMENTATION SYMBOLS**

LOCALLY MOUNTED	IN CONTROL PANEL	DESCRIPTION
		DISCRETE INSTRUMENT
		PRIMARY PLC OR DCS SHARED CONTROL
		SECONDARY PLC OR DCS SHARED CONTROL
		COMPUTER FUNCTION

**INSTRUMENT FUNCTIONS**

	SIGNAL PROCESSING FUNCTION
	AUTO/MANUAL
	ADDITION/SUMMATION
	DIFFERENTIAL
	INTERLOCK LOGIC FUNCTION
	AVERAGING

**INSTRUMENT CONNECTIONS**

	THREADED
	SOCKETWELD
	WELDED

**PIPING CONNECTIONS & SYMBOLS**

	FLANGE		QUICK CONNECT HOSE/TUBE
	THREADED CONNECTION		EXPANSION/FLEXIBLE/ISOLATION JOINT
	UNION		GROOVED COUPLING
	BLIND FLANGE		DOUBLE CONTAINMENT
	CAPPED END		INSULATION THICKNESS
	REDUCER		INSULATION
	ECCENTRIC REDUCER		INSULATION THICKNESS
	DRAIN OUTLET		HEAT TRACING

**LINE SYMBOLOGY**

	MAIN PROCESS LINE
	SECONDARY PROCESS LINE
	PROCESS LINE, BY OTHERS
	COMM LINK (EX. PLC TO HMI)
	COMM LINK (EX. PLC TO DCS)
	ELECTRIC WIRING
	PNEUMATIC LINE
	LINE JUMPER
	PIPE DISCONTINUATION
	FLOW DIRECTION ARROWS

4" 316 SS SCH 10 LINES SIZE/MATERIAL IDENTIFIER

SKID BOUNDARY

NOT BY H<sub>2</sub>O Innovation

SKID BY H<sub>2</sub>O Innovation

REVISION

LINES TO/FROM OTHER SHEETS

DESCRIPTION

COI-0001 SHT 1 DESTINATION

**PUMP SYMBOLS**

	CENTRIFUGAL
	CHEMICAL METERING
	DIAPHRAGM
	POSITIVE DISPLACEMENT
	VACUUM
	SUBMERSIBLE OR FLOATING
	VERTICAL TURBINE
	PERISTALTIC/HOSE

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**DRAWING REVISION**

REV	DATE	REVISION DESCRIPTION	DRAWN	CHKD	ENG	APPVD
04	14/06/2017	AS INSTALLED	M.P.	M.B.	R.D.	A.M.
03	09/08/2016	AS BUILT	M.P.	S.B.	R.D.	A.M.
02	25/07/2016	REVISED AS PER COMMENTS	M.P.	S.B.	R.D.	A.M.
01	29/06/2016	AS PER COMMENTS	M.P.	S.B.	R.D.	A.M.
00	13/06/2016	INITIAL RELEASE	M.P.	S.B.	R.D.	A.M.



UNLESS NOTED OTHERWISE

INTERPRETATION AND 1/4" = 1"

TOLERANCES

FRACTIONS

DECIMALS

ANGLES

HOLE SIZES

HOSE CENTERLINE

DO NOT SCALE PRINTS

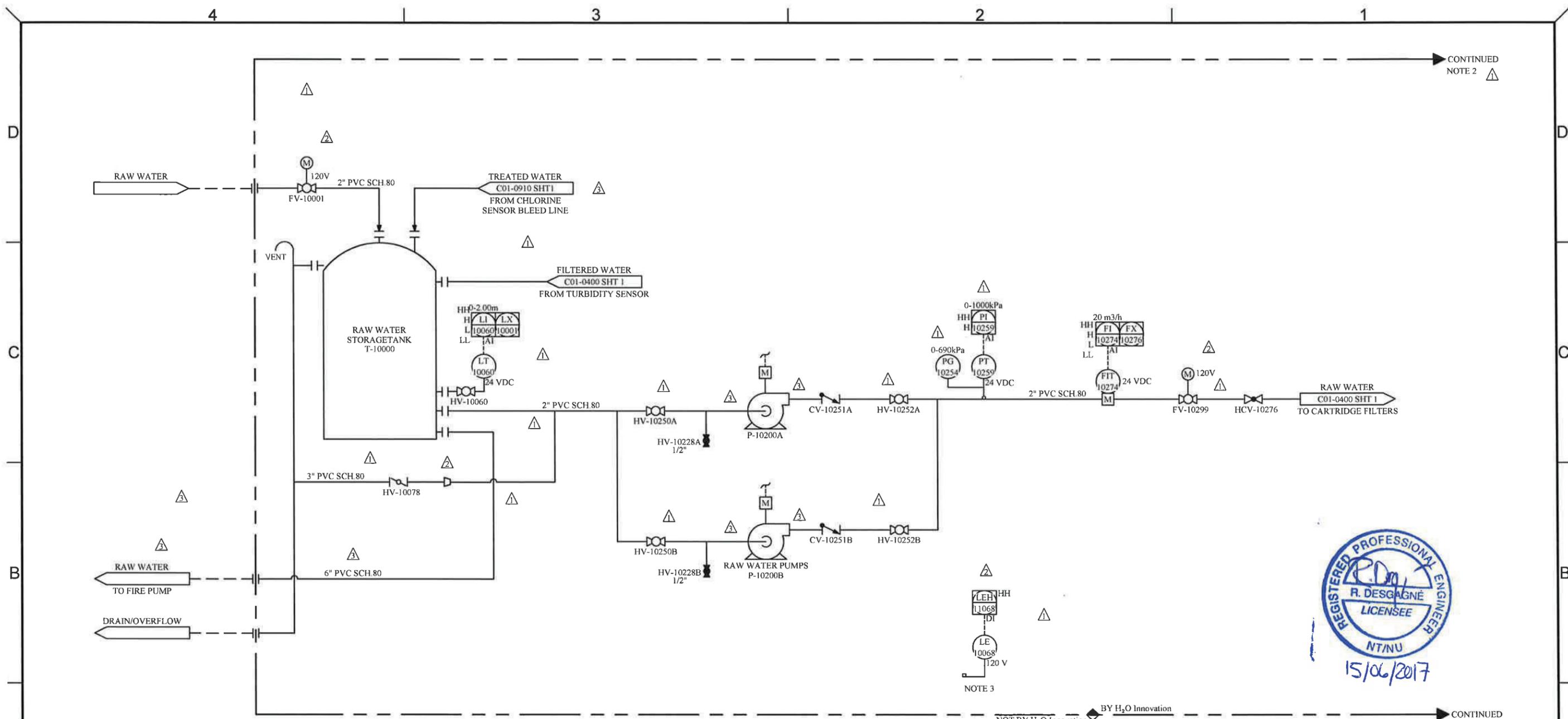
**MELIADINE**

WTP CONTAINERIZED UNIT

**TITLE:** PROCESS AND INSTRUMENTATION DIAGRAMS LEGEND

SCALE: N/A	DRAWING NUMBER: P65873-C01-0001	REVISION: 04
SHEET: 1 of 1		





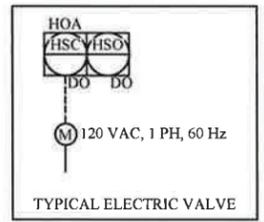
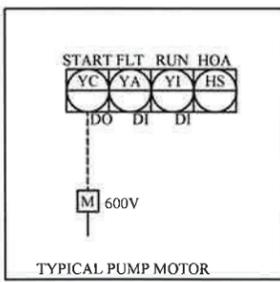
CONTINUED  
NOTE 2



NOTE 3

NOT BY H<sub>2</sub>O Innovation BY H<sub>2</sub>O Innovation

CONTINUED



- NOTES:
1. ALL SIGNALS GOING INTO MCP-101.
  2. EQUIPMENT TO BE PLACED IN CONTAINER #1.
  3. WATER LEAK DETECTOR

NOTE:  
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REV	DATE	REVISION DESCRIPTION	DRAWN	CHKD	ENG	APPVD
04	14/06/2017	AS INSTALLED	M.P.	M.B.	R.D.	A.M.
03	09/08/2016	AS BUILT	M.P.	S.B.	R.D.	A.M.
02	25/07/2016	REVISED AS PER COMMENTS	M.P.	S.B.	R.D.	A.M.
01	29/06/2016	AS PER COMMENTS	M.P.	S.B.	R.D.	A.M.
00	13/06/2016	INITIAL RELEASE	M.P.	S.B.	R.D.	A.M.



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INTERPRETATION AND UNITS  
DIMENSIONS: FRACTIONS AS SHOWN  
DECIMALS: 6X AS SHOWN  
ANGLES: AS SHOWN  
HOLE SIZES: AS SHOWN  
HOLE CENTERS: AS SHOWN  
DO NOT SCALE PRINTS

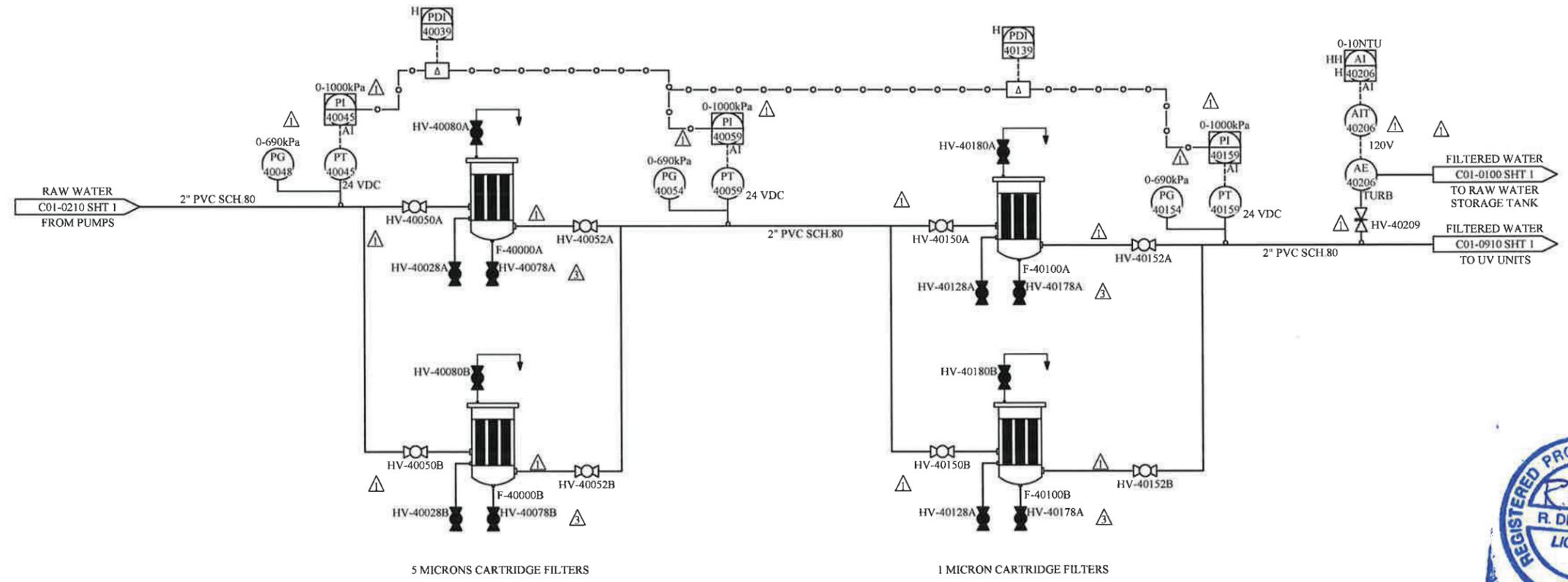
MELIADINE  
WTP CONTAINERIZED UNIT

TITLE: RAW WATER FEED SYSTEM PROCESS & INSTRUMENTATION DIAGRAM		
SCALE: N/A	DRAWING NUMBER: P65873-C01-0100	REVISION 04
SHEET: 1 of 1		

CONTINUES ←

CONTINUES →

NOTE 2



15/06/2017

CONTINUES ←

NOT BY H<sub>2</sub>O Innovation BY H<sub>2</sub>O Innovation

CONTINUES →

- NOTES:
1. ALL SIGNALS GOING INTO MCP-101.
  2. EQUIPEMENT TO BE PLACED IN CONTAINER #1.

NOTE:  
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00	13/06/2016	INITIAL RELEASE	M.P.	S.B.	R.D.	A.M.



UNLESS NOTED OTHERWISE

INTERPRETATION ANGLES

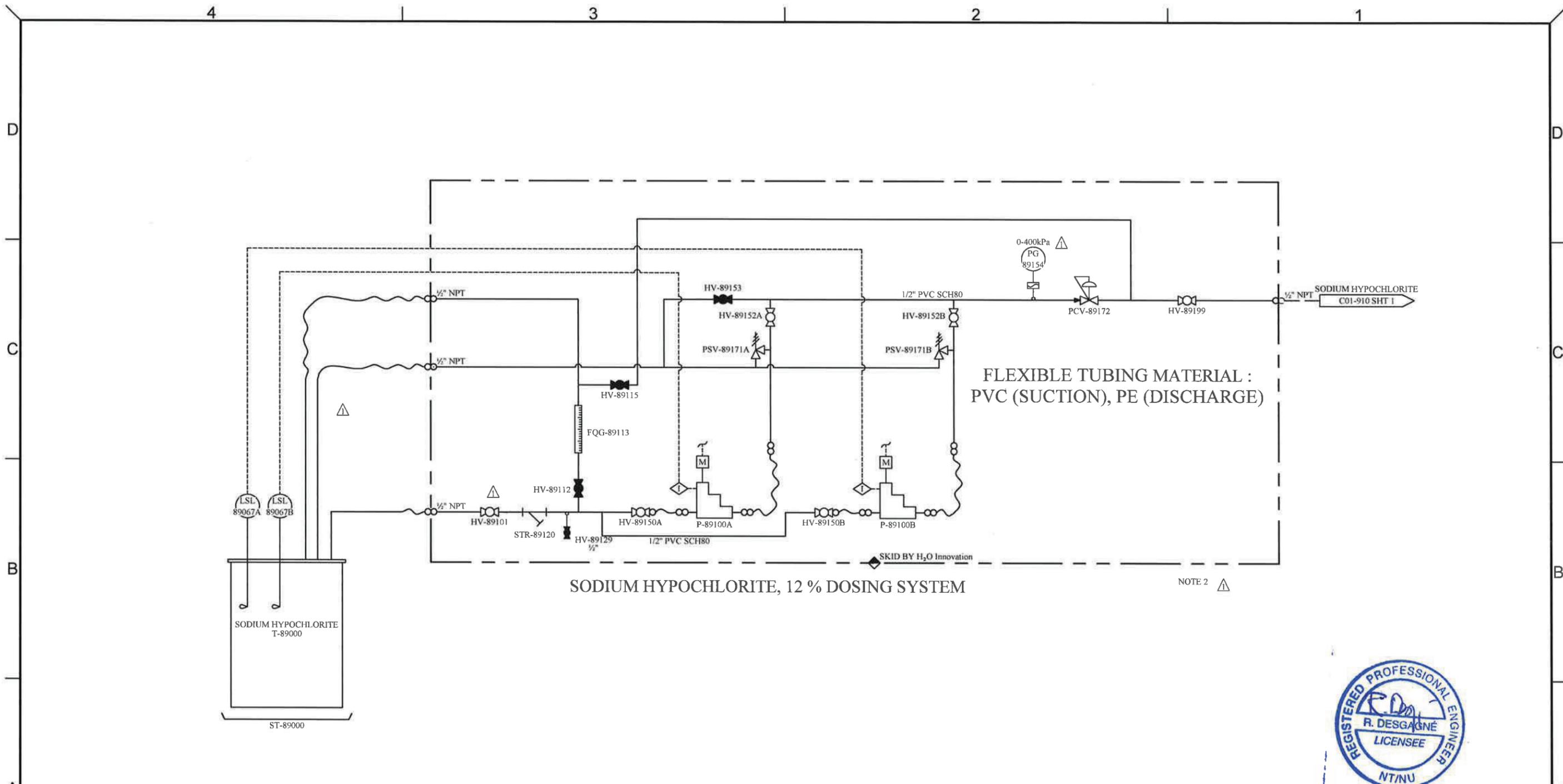
TOLERANCES: FRACTIONS 1/16" ± 0.005, DECIMALS 0.01 ± 0.005, ANGLES 90° ± 30', HOLE SIZES 1/8" ± 0.005, HOLE CENTERS 1/8" ± 0.005

DO NOT SCALE PRINTS

MELIADINE

WTP CONTAINERIZED UNIT

TITLE: CARTRIDGE FILTERS PROCESS & INSTRUMENTATION DIAGRAM		
SCALE: N/A	DRAWING NUMBER: P65873-C01-0400	REVISION 04
SHEET: 1 of 1		



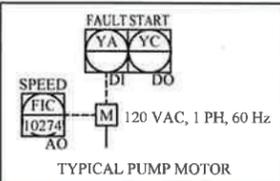
SODIUM HYPOCHLORITE, 12 % DOSING SYSTEM

FLEXIBLE TUBING MATERIAL :  
PVC (SUCTION), PE (DISCHARGE)

NOTE 2



- NOTES:
1. ALL SIGNALS GOING INTO MCP-101.
  2. EQUIPMENT TO BE PLACED IN CONTAINER #1.



NOTE:  
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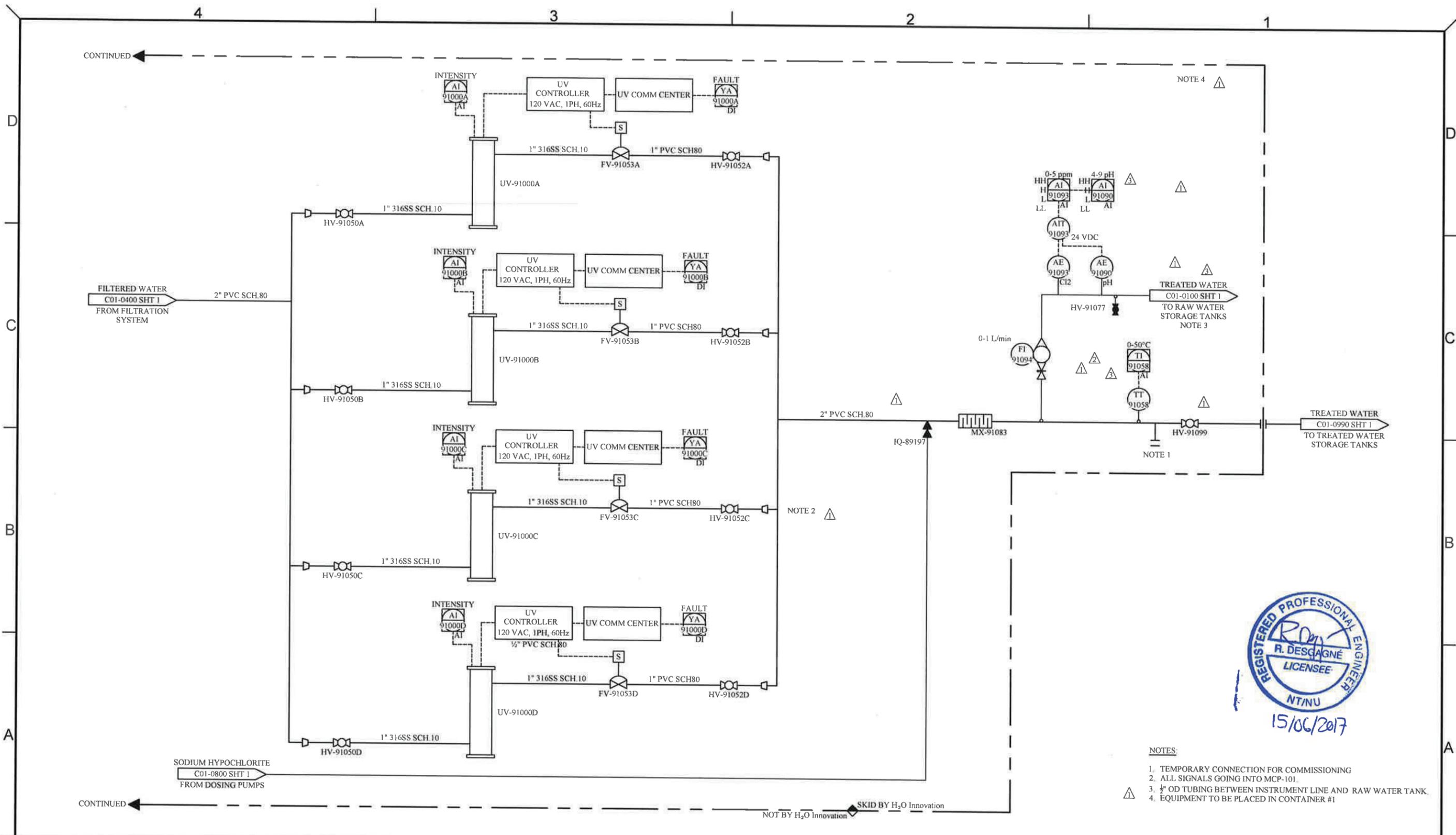
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REV	DATE	REVISION DESCRIPTION	DRAWN	CHKD	ENG	APPVD
04	14/06/2017	AS INSTALLED	M.P.	M.B.	R.D.	A.M.
03	09/08/2016	AS BUILT	M.P.	S.B.	R.D.	A.M.
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01	29/06/2016	AS PER COMMENTS	M.P.	S.B.	R.D.	A.M.
00	13/06/2016	INITIAL RELEASE	M.P.	S.B.	R.D.	A.M.



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INTERPRETATION AND 114.5  
TOLERANCES: FRACTIONS 1/16", 1/8", 3/16", 1/4", 3/8", 1/2", 5/8", 3/4", 7/8", 1 1/8", 1 1/4", 1 3/8", 1 1/2", 1 5/8", 1 3/4", 1 7/8", 2 1/8", 2 1/4", 2 3/8", 2 1/2", 2 5/8", 2 3/4", 2 7/8", 3 1/8", 3 1/4", 3 3/8", 3 1/2", 3 5/8", 3 3/4", 3 7/8", 4 1/8", 4 1/4", 4 3/8", 4 1/2", 4 5/8", 4 3/4", 4 7/8", 5 1/8", 5 1/4", 5 3/8", 5 1/2", 5 5/8", 5 3/4", 5 7/8", 6 1/8", 6 1/4", 6 3/8", 6 1/2", 6 5/8", 6 3/4", 6 7/8", 7 1/8", 7 1/4", 7 3/8", 7 1/2", 7 5/8", 7 3/4", 7 7/8", 8 1/8", 8 1/4", 8 3/8", 8 1/2", 8 5/8", 8 3/4", 8 7/8", 9 1/8", 9 1/4", 9 3/8", 9 1/2", 9 5/8", 9 3/4", 9 7/8", 10 1/8", 10 1/4", 10 3/8", 10 1/2", 10 5/8", 10 3/4", 10 7/8", 11 1/8", 11 1/4", 11 3/8", 11 1/2", 11 5/8", 11 3/4", 11 7/8", 12 1/8", 12 1/4", 12 3/8", 12 1/2", 12 5/8", 12 3/4", 12 7/8", 13 1/8", 13 1/4", 13 3/8", 13 1/2", 13 5/8", 13 3/4", 13 7/8", 14 1/8", 14 1/4", 14 3/8", 14 1/2", 14 5/8", 14 3/4", 14 7/8", 15 1/8", 15 1/4", 15 3/8", 15 1/2", 15 5/8", 15 3/4", 15 7/8", 16 1/8", 16 1/4", 16 3/8", 16 1/2", 16 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MELIADINE  
WTP CONTAINERIZED UNIT

TITLE: DOSING SKIDS - DUPLEX SOLENOID PROCESS & INSTRUMENTATION DIAGRAM		
SCALE: N/A	DRAWING NUMBER: P65873-C01-0800	REVISION 04
SHEET: 1 of 1		



NOTE 4

NOTE 1

NOTE 2

- NOTES:
- TEMPORARY CONNECTION FOR COMMISSIONING
  - ALL SIGNALS GOING INTO MCP-101.
  - 1/2" OD TUBING BETWEEN INSTRUMENT LINE AND RAW WATER TANK.
  - EQUIPMENT TO BE PLACED IN CONTAINER #1



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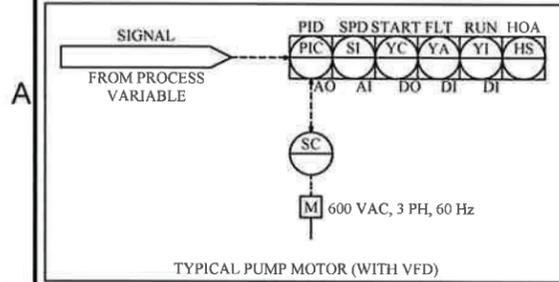
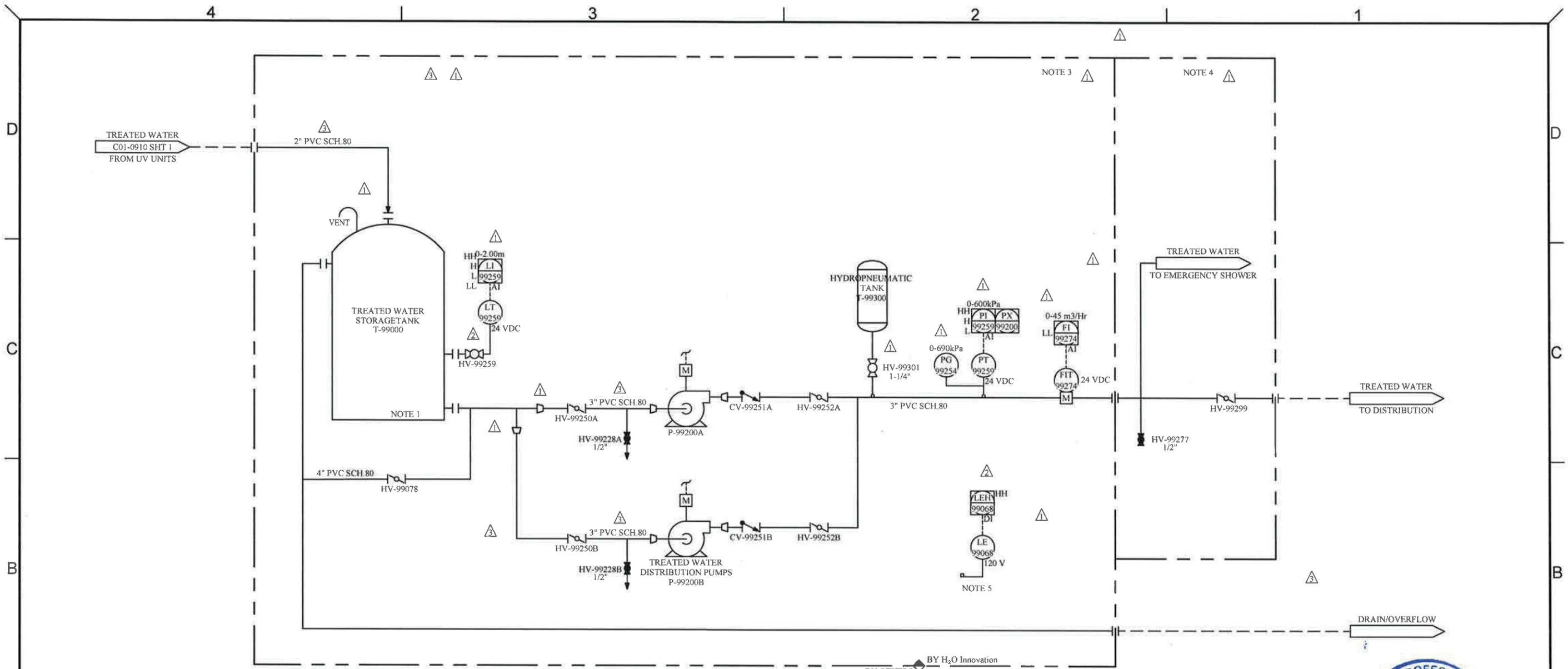
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04	14/06/2017	AS INSTALLED	
03	09/08/2016	AS BUILT	
02	25/07/2016	REVISED AS PER COMMENTS	
01	29/06/2016	AS PER COMMENTS	
00	13/06/2016	INITIAL RELEASE	



UNLESS NOTED OTHERWISE  
INTERPRETATION AND 1145  
TOLERANCES FRACTIONS DECIMALS DIA ANGLES HOLE SIZES HOLE CENTERS  
DO NOT SCALE PRINTS

MELIADINE  
WTP CONTAINERIZED UNIT

TITLE: UV TREATMENT UNITS PROCESS & INSTRUMENTATION DIAGRAM		
SCALE: N/A	DRAWING NUMBER: P65873-C01-0910	REVISION 04
SHEET: 1 of 1		



- NOTES:
- 5 TANKS IN SERIES LINKED TOGETHER
  - ALL SIGNALS GOING INTO MCP-101.
  - EQUIPMENT TO BE PLACED IN CONTAINER #2.
  - EQUIPMENT TO BE PLACED IN CONTAINER #1.
  - WATER LEAK DETECTOR

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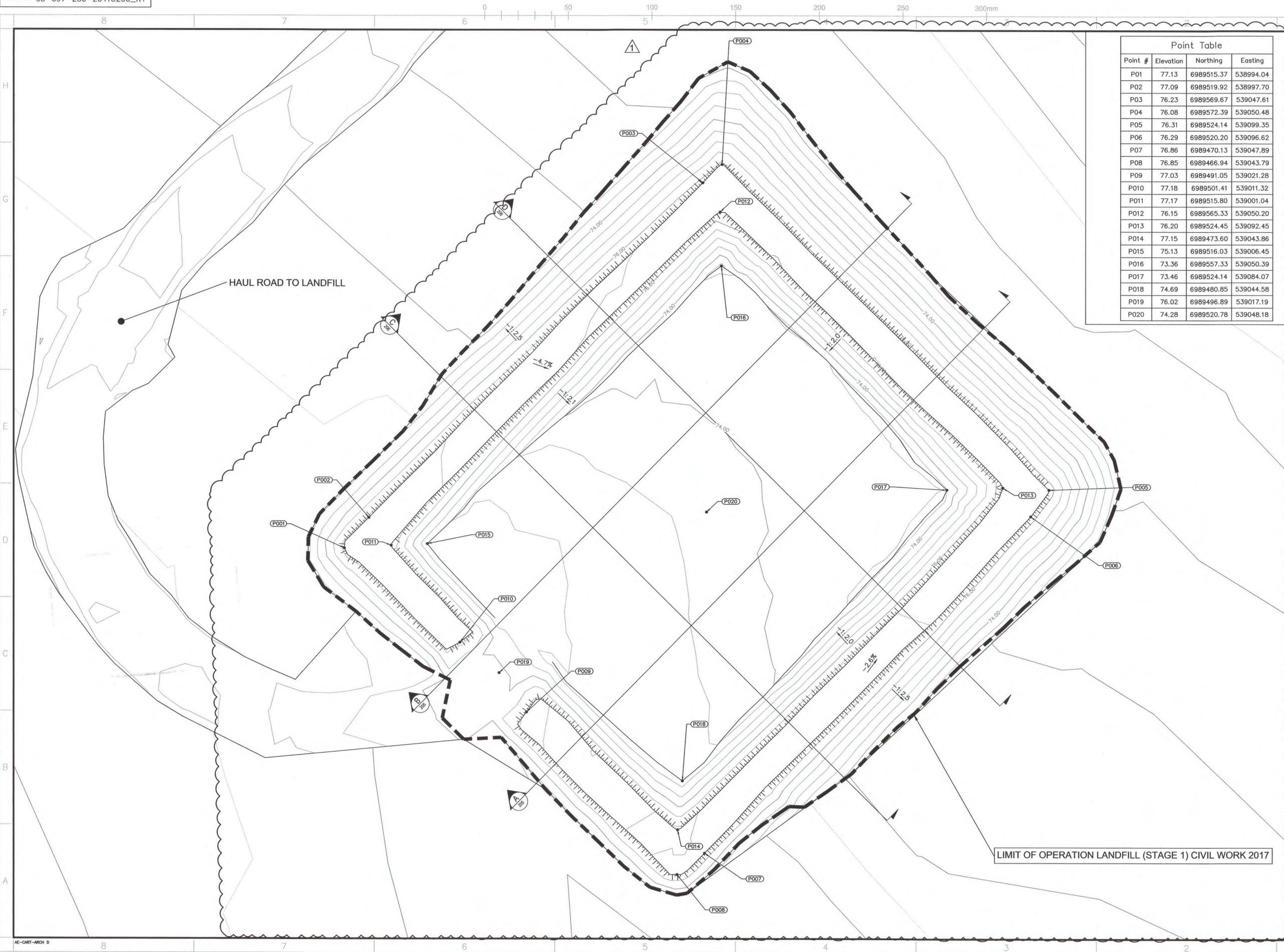
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03	09/08/2016	AS BUILT	M.P.	S.B.	R.D.	A.M.
02	25/07/2016	REVISED AS PER COMMENTS	M.P.	S.B.	R.D.	A.M.
01	29/06/2016	AS PER COMMENTS	M.P.	S.B.	R.D.	A.M.
00	13/06/2016	INITIAL RELEASE	M.P.	S.B.	R.D.	A.M.



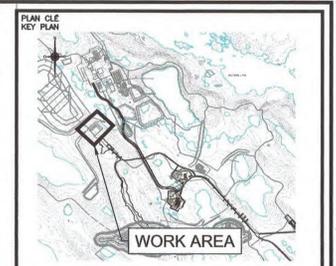
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 HOLE SIZES: 40/50  
 HOLE CENTERS: 40/50  
 DO NOT SCALE PRINTS

MELIADINE  
 WTP CONTAINERIZED UNIT

TITLE: TREATED WATER DISTRIBUTION SYSTEM PROCESS & INSTRUMENTATION DIAGRAM		
SCALE: N/A	DRAWING NUMBER: P65873-C01-0990	REVISION: 04
SHEET: 1 of 1		



Point Table			
Point #	Elevation	Northing	Easting
P01	77.13	6989515.37	538994.04
P02	77.09	6989519.92	538997.70
P03	76.23	6989569.67	539047.61
P04	76.08	6989572.39	539050.48
P05	76.31	6989524.14	539099.35
P06	76.29	6989520.20	539096.62
P07	76.86	6989470.13	539047.89
P08	76.85	6989466.94	539043.79
P09	77.03	6989491.05	539021.28
P010	77.18	6989501.41	539011.32
P011	77.17	6989515.80	539001.04
P012	76.15	6989565.33	539050.20
P013	76.20	6989524.45	539092.45
P014	77.15	6989473.60	539043.86
P015	75.13	6989516.03	539006.45
P016	73.36	6989557.33	539050.39
P017	73.46	6989524.14	539084.07
P018	74.69	6989480.85	539044.58
P019	76.02	6989496.89	539017.19
P020	74.28	6989520.78	539048.18



NOTES GÉNÉRALES / GENERAL NOTES

**TEL QUE CONSTRUIT AS BUILT**  
 AGNICO EAGLE DATE : 2017-12-01

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0	2017-02-08	ISSUED FOR CONSTRUCTION	GZ	KJ	
A	2017-01-23	ISSUED FOR REVIEW	GZ	KJ	

REVISIONS

PERMIT TO PRACTICE  
 TETRA TECH INDUSTRIES, INC.  
 O/A TETRA TECH  
 Signature: *[Signature]*  
 Date: 2017-12-01  
 PERMIT NUMBER: P 1029  
 NTNU Association of Professional Engineers and Geoscientists

TITLE:  
 AGNICO EAGLE - MELIADINE DIVISION  
 697 - LANDFILL  
 230 - GENERAL EARTH WORKS  
 OPERATION LANDFILL (STAGE 1)  
 LAYOUT PLAN

DESSINÉ PAR  
 DRAWN BY: EL DATE: 2017-01-23

VERIFIÉ PAR  
 CHECKED BY: GZ DATE: 2017-01-23

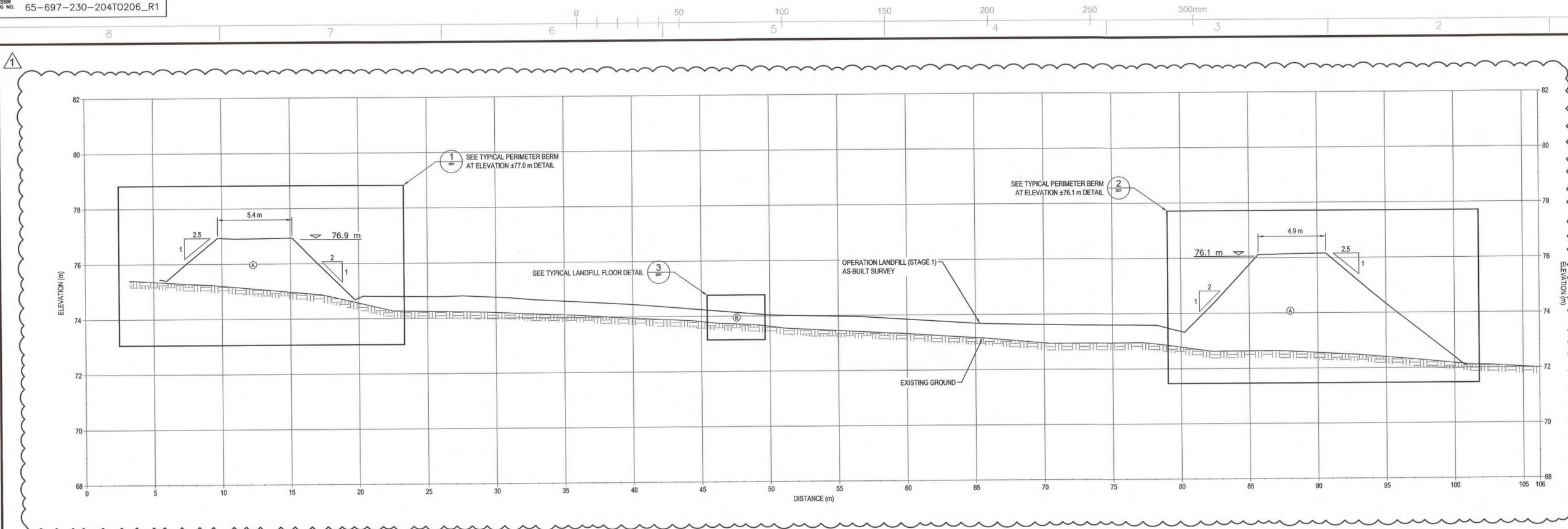
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ÉCHELLE  
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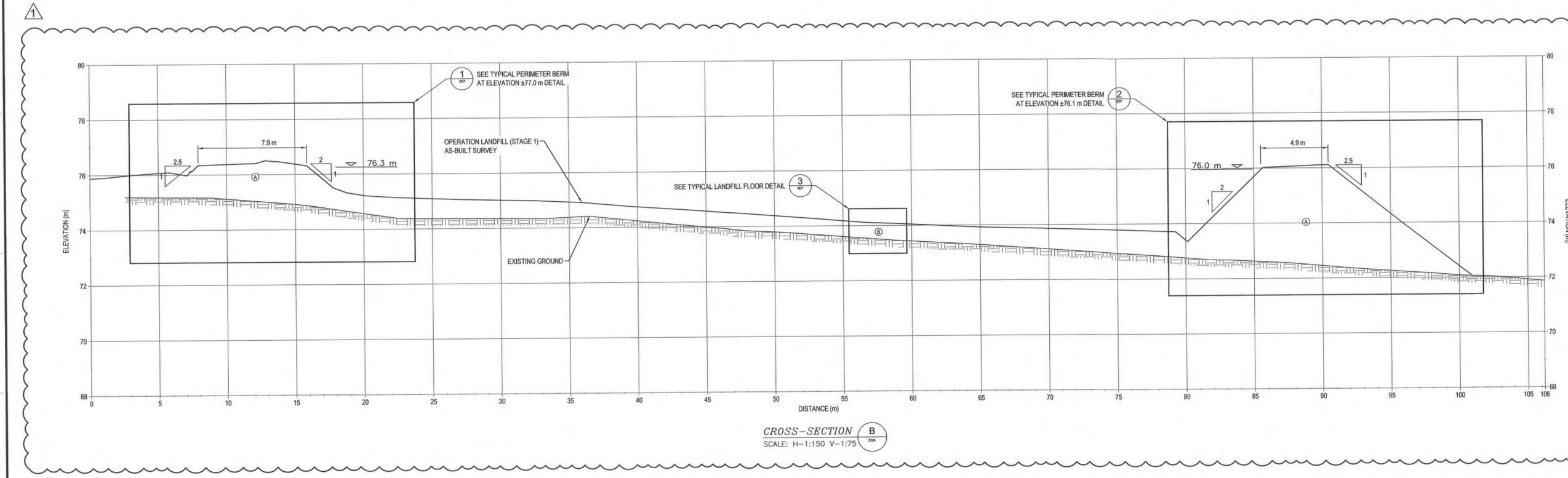
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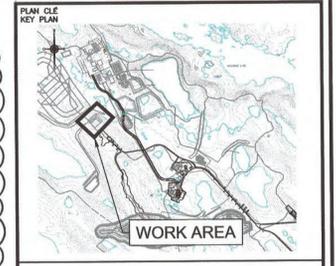
REVISION FEUILLE / SHÉ  
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CROSS-SECTION A  
SCALE: H-1:150 V-1:75



CROSS-SECTION B  
SCALE: H-1:150 V-1:75



NOTES GÉNÉRALES / GENERAL NOTES

- LEGEND
- (A) ESKER GRANULAR FILL (CL. A) (600mm MINUS)
  - (B) GRANULAR FILL (50mm MINUS)

**TEL QUE CONSTRUIT AS BUILT**

AGNICO EAGLE DATE : 2017-12-01

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TITRE / TITLE	# DWG



REV.	DATE	DESCRIPTION	PAR/EN	APP.	CLIENT
1	2017-12-01	ISSUED AS-BUILT	CM	JA	
0	2017-02-08	ISSUED FOR CONSTRUCTION	GZ	KJ	
A	2017-01-23	ISSUED FOR REVIEW	GZ	KJ	

REVISIONS

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TETRA TECH INDUSTRIES, INC.  
O/A TETRA TECH

Signature: *J.M.P. Alarie*  
Date: 2017-12-01

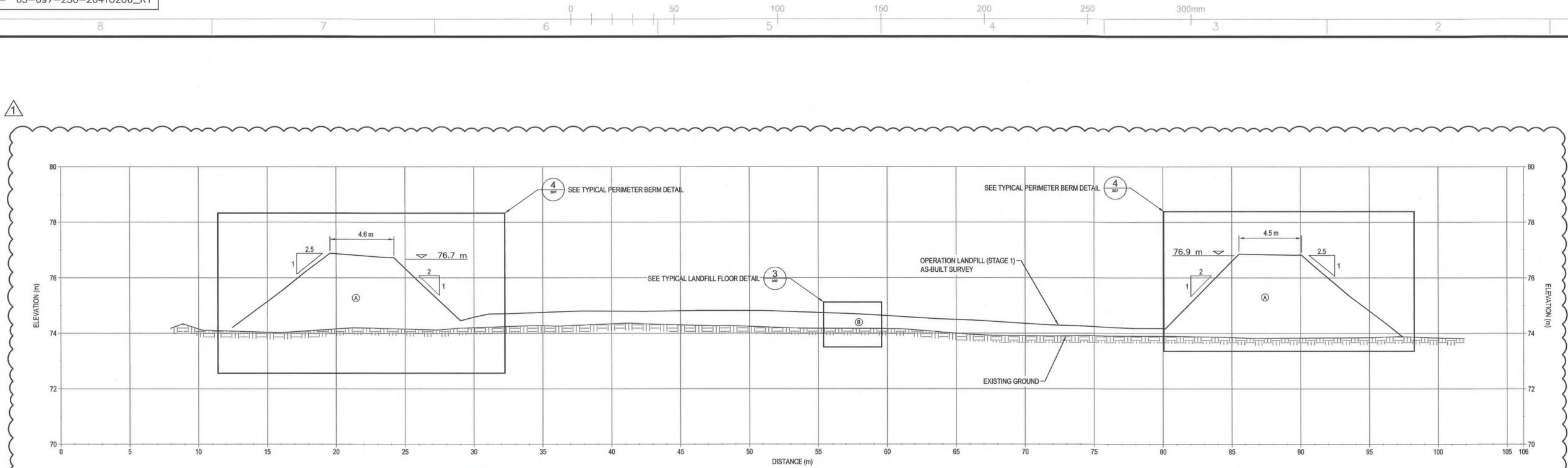
PERMIT NUMBER: P 1029  
NTNU Association of Professional Engineers and Geoscientists

TITRE / TITLE  
AGNICO EAGLE - MELJADINE DIVISION  
697 - LANDFILL  
230 - GENERAL EARTH WORKS  
OPERATION LANDFILL (STAGE 1)  
CROSS SECTIONS A-A AND B-B

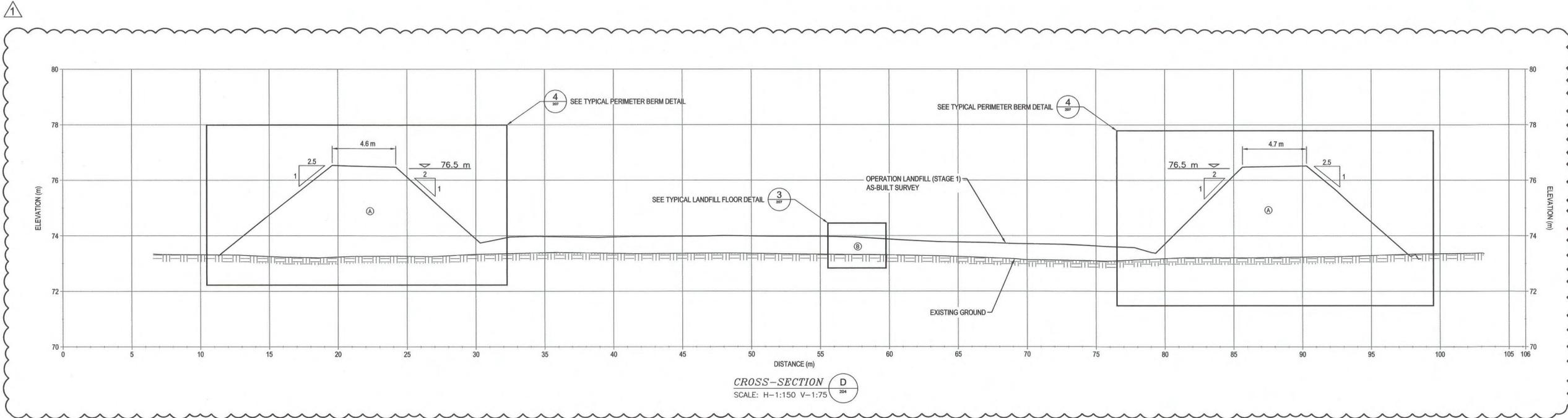
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VÉRIFIÉ PAR CHECKED BY	GZ	2017-01-23
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ÉCHELLE SCALE	AS SHOWN	DATE 2017-01-23

NO. DESSIN 65-697-230-205

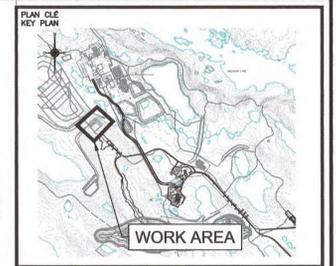
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6515 / 28920	1	1 / 1



CROSS-SECTION C  
SCALE: H-1:150 V-1:75



CROSS-SECTION D  
SCALE: H-1:150 V-1:75



NOTES GÉNÉRALES / GENERAL NOTES

- LEGEND
- (A) ESKER GRANULAR FILL (CL. A) (600mm MINUS)
  - (B) GRANULAR FILL (50mm MINUS)

TEL QUE CONSTRUIT AS BUILT

AGNICO EAGLE DATE : 2017-12-01

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0	2017-02-08	ISSUED FOR CONSTRUCTION	GZ / KJ	
A	2017-01-23	ISSUED FOR REVIEW	GZ / KJ	

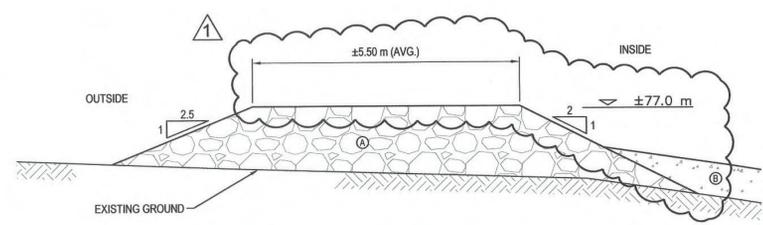
PERMIT TO PRACTICE  
TETRA TECH INDUSTRIES, INC.  
O/A TETRA TECH

Signature: *J.M.F. Alarie*  
Date: 2017-12-01  
J.M.F. ALARIE  
LICENSEE  
NTNU Association of Professional Engineers and Geoscientists

TITRE / TITLE  
AGNICO EAGLE - MELIADINE DIVISION  
697 - LANDFILL  
230 - GENERAL EARTH WORKS  
OPERATION LANDFILL (STAGE 1)  
CROSS SECTIONS C-C AND D-D

DESSINÉ PAR / DRAWN BY	EL	DATE	2017-01-23
VÉRIFIÉ PAR / CHECKED BY	GZ	DATE	2017-01-23
APPROUVÉ PAR / APPROVED BY	KJ	DATE	2017-01-23
ÉCHELLE / SCALE	AS SHOWN	DATE	2017-01-23

NO. DESSIN / DRAWING NO.	65-697-230-206		
NO. PROJET / PROJECT NO.	6515 / 28920	REVISION	FEUILLE / SHEET
		1	1 / 1



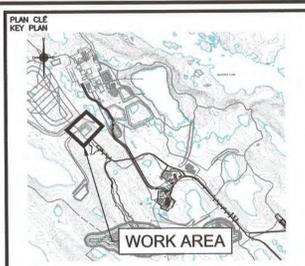
TYPICAL PERIMETER BERM AT ELEVATION ±77.0 m  
NTS

ESTIMATED IN-PLACE MATERIAL QUANTITIES FOR CONSTRUCTION OF OPERATION LANDFILL STAGE 1

ITEM	UNIT	ESTIMATED IN-PLACE QUANTITY
Ⓐ ESKER GRANULAR FILL (600mm MINUS)	m³	9,750
Ⓑ GRANULAR FILL (50mm MINUS)	m³	1,649

IT SHOULD BE NOTED THAT THE ACTUAL QUANTITIES COULD BE DIFFERENT FROM THE ESTIMATED DUE TO THE FOLLOWING REASONS:

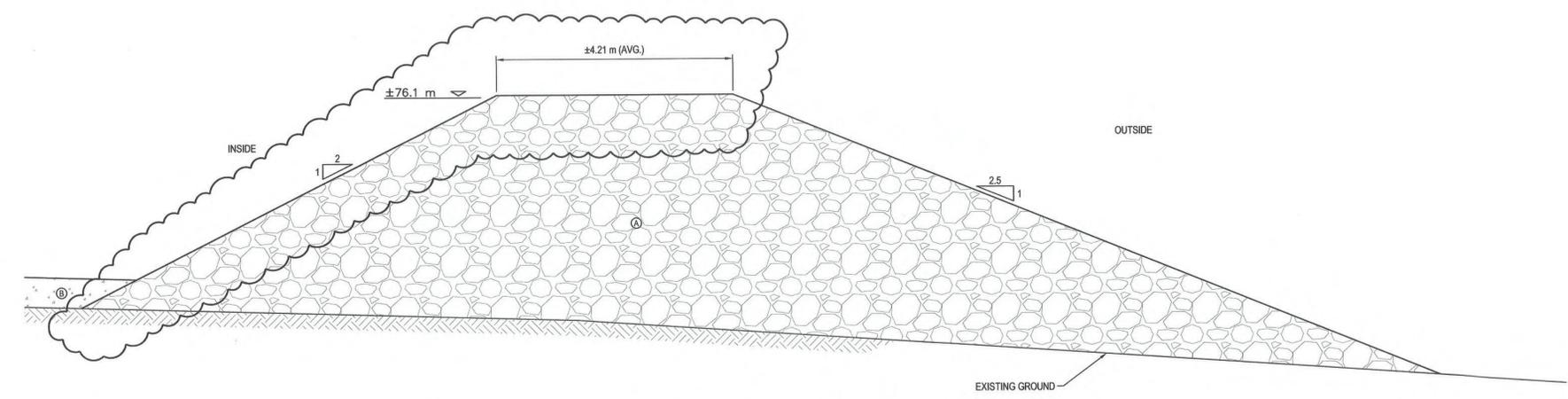
- ORIGINAL GROUND CONDITIONS / ELEVATIONS MAY BE DIFFERENT FROM THE TOPOGRAPHIC DATA USED FOR THE DESIGN.
- THE FIELD OBSERVATIONS DURING CONSTRUCTION MAY LEAD TO DESIGN AND CONSTRUCTION RELATED MODIFICATIONS, WHICH MAY IN TURN AFFECT THE QUANTITIES.
- THE ORIGINAL GROUND MAY SETTLE DURING CONSTRUCTION.



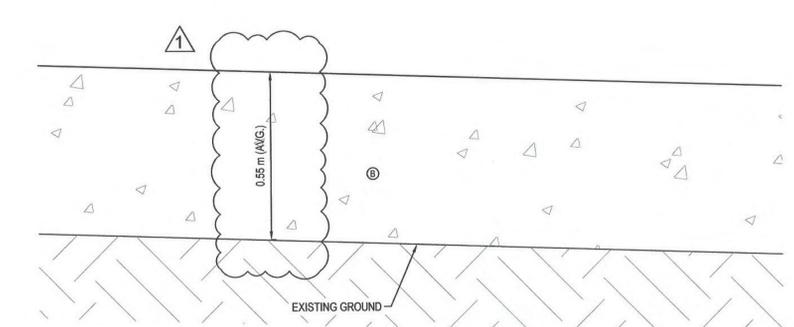
NOTES GÉNÉRALES / GENERAL NOTES

LEGEND

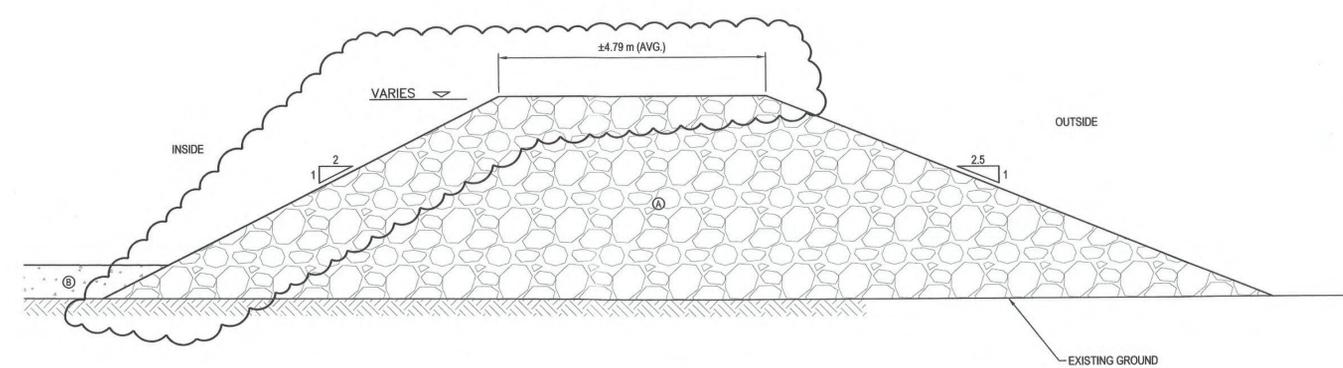
- Ⓐ ESKER GRANULAR FILL (CL. A) (600mm MINUS)
- Ⓑ GRANULAR FILL (50mm MINUS)



TYPICAL PERIMETER BERM AT ELEVATION ±76.1 m  
NTS



TYPICAL LANDFILL FLOOR  
NTS



TYPICAL PERIMETER BERM  
NTS

TEL QUE CONSTRUIT AS BUILT  
AGNICO EAGLE DATE : 2017-12-01

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DESSINS EN RÉFÉRENCE / REFERENCE DRAWINGS

TITRE / TITLE	# DWG



1	2017-12-01	ISSUED AS-BUILT	CM	JA
0	2017-02-08	ISSUED FOR CONSTRUCTION	OZ	KJ
A	2017-01-23	ISSUED FOR REVIEW	OZ	KJ
REV.	DATE	DESCRIPTION	PAR/APP.	CLIENT

REVISIONS

PERMIT TO PRACTICE  
TETRA TECH INDUSTRIES, INC.  
O/A TETRA TECH

Signature: *[Signature]*  
Date: 2017-12-01

PERMIT NUMBER: P 1029  
NTAU Association of Professional Engineers and Geoscientists

J.M.F. ALARIE  
INGÉNIEUR  
2017-12-01

TITRE / TITLE  
AGNICO EAGLE - MELIADINE DIVISION  
697 - LANDFILL  
230 - GENERAL EARTH WORKS  
OPERATION LANDFILL (STAGE 1)  
TYPICAL DETAILS AND MATERIAL QUANTITIES

DESSINÉ PAR DRAWN BY	EL	DATE 2017-01-23
VÉRIFIÉ PAR CHECKED BY	OZ	2017-01-23
APPROUVÉ PAR APPROVED BY	KJ	2017-01-23

ÉCHELLE  
SCALE AS SHOWN DATE 2017-01-23

NO. DESSIN  
DRAWING NO. 65-697-230-207

NO. PROJET  
PROJECT NO. 6515 / 28920

REVISION 1 FEUILLE / SHEET 1 / 1