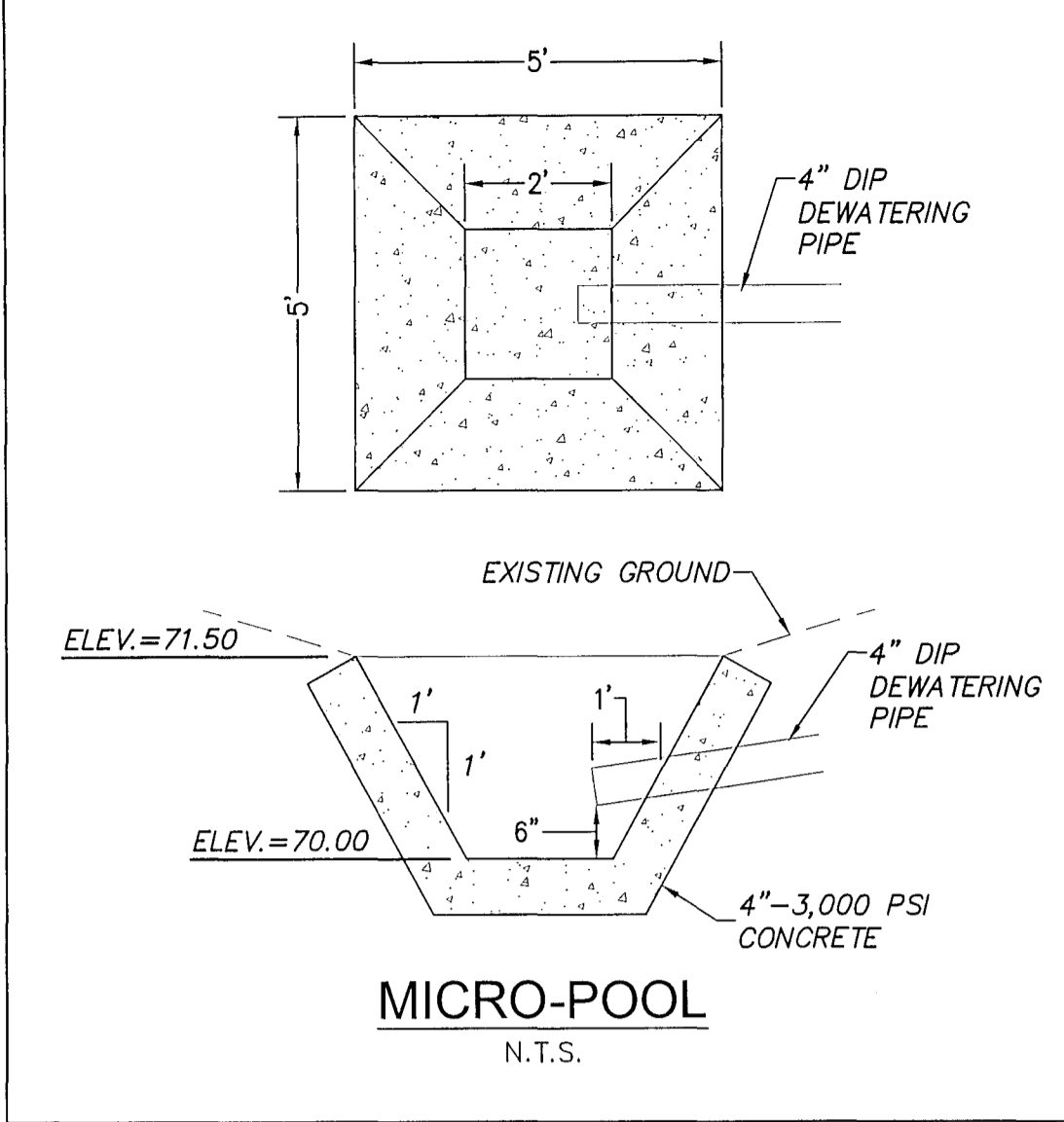


202313341

Rev	Date	By	Description
1	08/12/2023	JAG	REVISION OF STORMWATER STRUCTURES
2	08/25/2023	JAG	REVISION PER JCC COMMENTS DATED 04/20/23

LEGEND:
 X REPRESENTS ACTION ITEM ADDRESSED IN RELATION TO LINE ITEM NO. DENOTED IN JCC SRP LETTER DATED 8/1/2022

- GENERAL REPAIR NOTES:
- INSTALL/REPAIR SILT FENCE DOWNSTREAM OF ANY LAND DISTURBANCE.
 - REMOVE ALL VOLUNTEER VEGETATION ON THE DAM EMBANKMENT, WITHIN 10' DIAMETER OF ANY INFLOW AND OUTFLOW STRUCTURES, AND LOCATED ALONG THE LENGTH OF THE RETAINING WALL, REGRADE AND APPLY PERMANENT SEEDING AS NECESSARY TO STABILIZE DISTURBED AREAS IN ACCORDANCE WITH GENERAL NOTE 12 ON SHEET CO.
 - POND SHOULD BE DEWATERED IN ACCORDANCE WITH THE VESCH STANDARD (3.26).
 - REMOVE ANY ACCUMULATED SEDIMENT, TRASH, OR DEBRIS FROM BOTTOM ON POND AND REESTABLISH BOTTOM ELEVATION AT 74.0±.
 - CONTRACTOR TO REMOVE ALL EXISTING 4 FT DECORATIVE FENCE AND REPLACE WITH 6 FT FENCE AS NOTED ON SHEET S1.
 - ONCE SITE IS STABILIZED, REMOVE ANY SILT FENCE FROM THE SITE INCLUDING NEWLY INSTALLED AND SILT FENCE INSTALLED WITH ORIGINAL CONSTRUCTION.
 - CONTRACTOR TO REMOVE FILTER FABRIC FROM PRINCIPAL SPILLWAY.
 - NO EXTERIOR LIGHTING OR SIGNS PROPOSED.
 - NO TEMPORARY OR PERMANENT SOIL STOCKPILES ARE PROPOSED. ALL EXCESS FILL & EXCESS MATERIAL TO BE HAULED OFFSITE.
 - AREAS OF 2:1 OR STEEPER SLOPES MUST BE STABILIZED WITH EC-2 MATTING.



NOTE: CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL EXISTING EROSION AND SEDIMENT CONTROL MEASURES IN AND AROUND THE POND.

StormRax™ PEAK ROOF STRUCTURE (STANDARD SIZES)
 PROVIDE ALL DIMENSIONS IN INCHES

HOPE STRUCTURAL PLASTIC BY PLASTIC SOLUTIONS, INC.

ELEV.=74.00 (BMP A06)
 ELEV.=83.25 (BMP A06)

MOST STRUCTURE INFORMATION	
PART NUMBER	
LENGTH	
WIDTH	
WALL THICKNESS (REQD)	

AVAILABLE OPTIONS:
 4" CHANNEL STEEL CROSS BRACINGS
 REMOVABLE ACCESS HATCH
 HOPE ANTI-VIBRATION PLATE

NOTES:
 1. STABLE ENDS SHOULD BE SHOWN AND WHEN MEASURING, MEASURE FROM THE CENTERLINE OF THE STRUCTURE.
 2. MATERIALS TO BE CHANGED TO OTHER TYPES OR SPECIFICATIONS SHALL BE APPROVED BY THE ENGINEER.

WIDTH A	HEIGHT B	HEIGHT C	CHORDS (A, B, C)
29.125	35.125	45.125	54.125 66.125 72.125 81.125 89.125 95.125 103.125
33.75	39.75	49.75	48.75 60.75 66.75 75.75 83.75 91.75 99.75
38.375	44.375	54.375	53.375 65.375 71.375 80.375 88.375 96.375 104.375
43.0	49.0	59.0	58.0 70.0 76.0 85.0 93.0 101.0 109.0
47.625	53.625	63.625	62.625 74.625 80.625 89.625 97.625 105.625 113.625
52.25	58.25	68.25	67.25 79.25 85.25 94.25 102.25 110.25 118.25
56.875	62.875	72.875	71.875 83.875 89.875 98.875 106.875 114.875 122.875
61.5	67.5	77.5	76.5 88.5 94.5 103.5 111.5 119.5 127.5
66.125	72.125	82.125	81.125 93.125 99.125 108.125 116.125 124.125 132.125
70.75	76.75	86.75	85.75 97.75 103.75 112.75 120.75 128.75 136.75
75.375	81.375	91.375	90.375 102.375 108.375 117.375 125.375 133.375 141.375
80.0	86.0	96.0	95.0 107.0 113.0 122.0 130.0 138.0 146.0
84.625	90.625	100.625	99.625 111.625 117.625 126.625 134.625 142.625 150.625
89.25	95.25	105.25	104.25 116.25 122.25 131.25 139.25 147.25 155.25
93.875	100.875	110.875	109.875 121.875 127.875 136.875 144.875 152.875 160.875
98.5	105.5	115.5	114.5 126.5 132.5 141.5 149.5 157.5 165.5
103.125	110.125	120.125	119.125 131.125 137.125 146.125 154.125 162.125 170.125
107.75	115.75	125.75	124.75 136.75 142.75 151.75 159.75 167.75 175.75
112.375	120.375	130.375	129.375 141.375 147.375 156.375 164.375 172.375 180.375
117.0	125.0	135.0	134.0 146.0 152.0 161.0 169.0 177.0 185.0
121.625	130.625	140.625	139.625 151.625 157.625 166.625 174.625 182.625 190.625
126.25	135.25	145.25	144.25 156.25 162.25 171.25 179.25 187.25 195.25
130.875	140.875	150.875	149.875 161.875 167.875 176.875 184.875 192.875 200.875
135.5	145.5	155.5	154.5 166.5 172.5 181.5 189.5 197.5 205.5
140.125	150.125	160.125	159.125 171.125 177.125 186.125 194.125 202.125 210.125
144.75	155.75	165.75	163.75 175.75 181.75 190.75 198.75 206.75 214.75
149.375	160.375	170.375	168.375 180.375 186.375 195.375 203.375 211.375 219.375
154.0	165.0	175.0	173.0 185.0 191.0 200.0 208.0 216.0 224.0
158.625	170.625	180.625	177.625 189.625 195.625 204.625 212.625 220.625 228.625
163.25	175.25	185.25	182.25 194.25 200.25 209.25 217.25 225.25 233.25
167.875	180.875	190.875	186.875 198.875 204.875 213.875 221.875 229.875 237.875
172.5	185.5	195.5	191.5 203.5 209.5 218.5 226.5 234.5 242.5
177.125	190.125	200.125	196.125 208.125 214.125 223.125 231.125 239.125 247.125
181.75	195.75	205.75	200.75 212.75 218.75 227.75 235.75 243.75 251.75
186.375	200.375	210.375	205.375 217.375 223.375 232.375 240.375 248.375 256.375
191.0	205.0	215.0	210.0 222.0 228.0 237.0 245.0 253.0 261.0
195.625	210.625	220.625	215.625 227.625 233.625 242.625 250.625 258.625 266.625
200.25	215.25	225.25	220.25 232.25 238.25 247.25 255.25 263.25 271.25
204.875	220.875	230.875	224.875 236.875 242.875 251.875 259.875 267.875 275.875
209.5	225.5	235.5	229.5 241.5 247.5 256.5 264.5 272.5 280.5
214.125	230.125	240.125	234.125 246.125 252.125 261.125 269.125 277.125 285.125
218.75	235.75	245.75	238.75 250.75 256.75 265.75 273.75 281.75 289.75
223.375	240.375	250.375	243.375 255.375 261.375 270.375 278.375 286.375 294.375
228.0	245.0	255.0	248.0 260.0 266.0 275.0 283.0 291.0 299.0
232.625	250.625	260.625	252.625 264.625 270.625 279.625 287.625 295.625 303.625
237.25	255.25	265.25	257.25 269.25 275.25 284.25 292.25 300.25 308.25
241.875	260.875	270.875	261.875 273.875 279.875 288.875 296.875 304.875 312.875
246.5	265.5	275.5	266.5 278.5 284.5 293.5 301.5 309.5 317.5
251.125	270.125	280.125	271.125 283.125 289.125 298.125 306.125 314.125 322.125
255.75	275.75	285.75	275.75 287.75 293.75 302.75 310.75 318.75 326.75
260.375	280.375	290.375	280.375 292.375 298.375 307.375 315.375 323.375 331.375
265.0	285.0	295.0	285.0 297.0 303.0 312.0 320.0 328.0 336.0
269.625	290.625	300.625	289.625 301.625 307.625 316.625 324.625 332.625 340.625
274.25	295.25	305.25	294.25 306.25 312.25 321.25 329.25 337.25 345.25
278.875	300.875	310.875	298.875 310.875 316.875 325.875 333.875 341.875 349.875
283.5	305.5	315.5	303.5 315.5 321.5 330.5 338.5 346.5 354.5
288.125	310.125	320.125	308.125 320.125 326.125 335.125 343.125 351.125 359.125
292.75	315.75	325.75	312.75 324.75 330.75 339.75 347.75 355.75 363.75
297.375	320.375	330.375	317.375 329.375 335.375 344.375 352.375 360.375 368.375
302.0	325.0	335.0	322.0 334.0 340.0 349.0 357.0 365.0 373.0
306.625	330.625	340.625	326.625 338.625 344.625 353.625 361.625 369.625 377.625
311.25	335.25	345.25	331.25 343.25 349.25 358.25 366.25 374.25 382.25
315.875	340.875	350.875	335.875 347.875 353.875 362.875 370.875 378.875 386.875
320.5	345.5	355.5	340.5 352.5 358.5 367.5 375.5 383.5 391.5
325.125	350.125	360.125	345.125 357.125 363.125 372.125 380.125 388.125 396.125
329.75	355.75	365.75	349.75 361.75 367.75 376.75 384.75 392.75 400.75
334.375	360.375	370.375	354.375 366.375 372.375 381.375 389.375 397.375 405.375
339.0	365.0	375.0	359.0 371.0 377.0 386.0 394.0 402.0 410.0
343.625	370.625	380.625	363.625 375.625 381.625 390.625 398.625 406.625 414.625
348.25	375.25	385.25	368.25 380.25 386.25 395.25 403.25 411.25 419.25
352.875	380.875	390.875	372.875 384.875 390.875 399.875 407.875 415.875 423.875
357.5	385.5	395.5	377.5 389.5 395.5 404.5 412.5 420.5 428.5
362.125	390.125	400.125	381.125 393.125 399.125 408.125 416.125 424.125 432.125
366.75	395.75	405.75	385.75 397.75 403.75 412.75 420.75 428.75 436.75
371.375	400.375	410.375	389.375 401.375 407.375 416.375 424.375 432.375 440.375
376.0	405.0	415.0	394.0 406.0 412.0 421.0 429.0 437.0 445.0
380.625	410.625	420.625	398.625 410.625 416.625 425.625 433.625 441.625 449.625
385.25	415.25	425.25	403.25 415.25 421.25 430.25 438.25 446.25 454.25
389.875	420.875	430.875	407.875 419.875 425.875 434.875 442.875 450.875 458.875
394.5	425.5	435.5	412.5 424.5 430.5 439.5 447.5 455.5 463.5
399.125	430.125	440.125	416.125 428.125 434.125 443.125 451.125 459.125 467.125
403.75	435.75	445.75	420.75 432.75 438.75 447.75 455.75 463.75 471.75
408.375	440.375	450.375	424.375 436.375 442.375 451.375 459.375 467.375 475.375
413.0	445.0	455.0	428.0 440.0 446.0 455.0 463.0 471.0 479.0
417.625	450.625	460.625	432.625 444.625 450.625 459.625 467.625 475.625 483.625
422.25	455.25	465.25	436.25 448.25 454.25 463.25 471.25 479.25 487.25
426.875	460.875	470.875	440.875 452.875 458.875 467.875 475.875 483.875 491.875
431.5	465.5	475.5	444.5 456.5 462.5 471.5 479.5 487.5 495.5
436.125	470.125	480.125	448.125 460.125 466.125 475.125 483.125 491.125 499.125
440.75	475.75	485.75	452.75 464.75 470.75 479.75 487.75 495.75 503.75
445.375	480.375	490.375	456.375 468.375 474.375 483.375 491.375 499.375 507.375
450.0	485.0	495.0	460.0 472.0 478.0 487.0 495.0 503.0 511.0
454.625	490.625	500.625	464.625 476.625 482.625 491.625 499.625 507.625 515.625
459.25	495.25	505.25	468.25 480.25 486.25 495.25 503.25 511.25 519.25
463.875	500.875	510.875	472.875 484.875 490.875 499.875 507.875 515.875 523.875
468.5	505.5	515.5	476.5 488.5 494.5 503.5 511.5 519.5 527.5
473.125	510.125	520.125	480.125 492.125 498.125 507.125 515.125 523.125 531.125
477.75	515.75	525.75	484.75 496.75 502.75 511.75 519.75 527.75 535.75
482.375	520.375	530.375	488.375 500.375 506.375 515.375 523.375 531.375 539.375
487.0	525.0	535.0	492.0 504.0 510.0 519.0 527.0 535.0 543.0
491.625	530.625	540.625	496.625 508.625 514.625 523.625 531.625 539.625 547.625
496.25	535.25	545.25	500.25 512.25 518.25 527.25 535.25 543.25 551.25
500.875	540.875	550.875	504.875 516.875 522.875 531.875 539.875 547.875 555.875
505.5	545.5	555.5	508.5 520.5 526.5 535.5 543.5 551.5 559.5
510.125	550.125	560.125	512.125 524.125 530.125 539.125 547.125 555.125 563.125
514.75	555.75	565.75	516.75 528.75 534.75 543.75 551.75 559.75 567.75
519.375	560.375	570.375	520.375 532.375 538.375 547.375 555.375 563.375 571.375
524.0	565.0	575.0	524.0 536.0 542.0 551.0 559.0 567.0 575.0
528.625	570.625	580.625	528.625 540.625 546.625 555.625 563.625 571.625 579.625
533.25	575.25	585.25	532.25 544.25 550.25 559.25 567.25 575.25 583.25
537.875	580.875	590.875	536.875 548.875 554.875 563.875