

RMC Field Verification Points List
St. Luke's East Hospital Detention Pond

1,	1010978.698,	2822960.206,	973.684
2,	1010965.427,	2823002.217,	972.366
3,	1010940.905,	2823051.437,	971.950
4,	1010953.575,	2823072.673,	972.563
5,	1011002.425,	2823070.559,	971.125
6,	1011047.252,	2823068.412,	970.377
7,	1011071.962,	2823039.328,	970.994
8,	1011083.359,	2822990.260,	971.003
9,	1011093.415,	2822936.783,	970.582
10,	1011099.729,	2822894.163,	969.755
11,	1011098.989,	2822857.409,	969.150
12,	1011093.815,	2822816.963,	969.110
13,	1011086.025,	2822788.452,	970.618
14,	1011065.209,	2822769.689,	970.111
15,	1011058.209,	2822792.004,	965.744
16,	1011051.675,	2822812.438,	961.057
17,	1011038.775,	2822842.470,	961.569
18,	1011030.078,	2822864.717,	962.623
19,	1011016.813,	2822892.187,	965.316
20,	1010999.645,	2822924.770,	968.871
21,	1011014.767,	2822947.759,	965.395
22,	1011008.978,	2822985.753,	966.030
23,	1010990.608,	2823038.471,	966.263
24,	1011023.222,	2823049.408,	966.546
25,	1011044.317,	2823039.895,	965.785
26,	1011056.189,	2822990.482,	964.595
27,	1011067.544,	2822937.244,	964.746
28,	1011074.189,	2822898.131,	965.069
29,	1011075.812,	2822859.295,	965.461
30,	1011065.918,	2822825.157,	962.911
31,	1011057.719,	2822836.746,	961.371
32,	1011054.557,	2822870.233,	961.424
33,	1011043.503,	2822868.245,	960.912
34,	1011046.254,	2822908.537,	961.425
35,	1011040.009,	2822958.773,	962.039
36,	1011036.413,	2822990.425,	962.480
37,	1011030.493,	2823021.787,	963.025



Robert J. Boland, P.E.
Civil Engineer
License No. 10000, State of Missouri

ACI
BOLAND
ARCHITECTS

1400 N. GARDEN
SUITE 100
ST. LOUIS, MO 63102
314.433.1000
www.aciboland.com

CIVIL CONSULTANT

1400 N. GARDEN
SUITE 100
ST. LOUIS, MO 63102
314.433.1000
www.aciboland.com

STRUCTURAL CONSULTANT

1400 N. GARDEN
SUITE 100
ST. LOUIS, MO 63102
314.433.1000
www.aciboland.com

MEP CONSULTANT

1400 N. GARDEN
SUITE 100
ST. LOUIS, MO 63102
314.433.1000
www.aciboland.com

Saint Luke's
EAST HOSPITAL
ASC EXPANSION & RENOVATION
100 NE Saint Luke's Blvd
Lee's Summit, MO 64086
Final Development Plan

Date: 11/06/2024
Job Number: 542207
Drawn By: KMY
Checked By: KMY

Revision
Number Date Description

C506

ATTENTION: TASK PLAN

SPILLWAY CROSS-SECTION A-A
SPILLWAY WIDTH: 20'-0" (6.10 M)
SPILLWAY HEIGHT: 10'-0" (3.05 M)
SPILLWAY VOLUME: 1.75 MG

SPILLWAY SLOPE
BOTTOM SLOPE: 1:1
SIDE SLOPE: 2:1
TOP SLOPE: 1:1

SPILLWAY CROSS-SECTION A-A

NOTE:

DETENTION BASIN MODIFICATION SHALL BE DESIGNED TO ACCOMMODATE
THE PROPOSED INCREASED FLOODING DISCHARGE AND SIZE VENT CONTROL
DRAINAGE BASIN TO BE DESIGNED TO ACCOMMODATE THE PROPOSED INCREASED
CAPACITY OF SUBSTANTIAL FLOOD FLOW

