

Kimley»Horn						Harvest Crossing Filing 3		DATE: March 2024	
PROJECT NAME: Harvest Crossing Filing 3				PROJECT NUMBER: 19684001					
CALCULATED BY: JBP									
CHECKED BY: KJM									
RATIONAL CALCULATIONS SUMMARY									
DESIGN POINT	TRIBUTARY BASINS	TRIBUTARY AREA (AC)	PEAK FLOWS (CFS)		RUNOFF COEFFICIENTS		PERCENT IMPERVIOUS		
			Q2	Q100	2-YR	100-YR			
On-Site Subbasins to Basin B4									
B2	B2	0.69	1.01	3.84	0.60	0.79	74.2%		
B4	B4	2.14	2.61	10.38	0.56	0.77	66.1%		
B6	B6	1.13	1.56	5.74	0.63	0.80	77.3%		
B8	B8	0.45	0.65	2.43	0.62	0.79	75.5%		
B10	B10	1.29	1.58	6.29	0.56	0.77	68.7%		
B12	B12	1.13	1.42	5.46	0.59	0.78	72.8%		
B14	B14	1.89	1.36	8.38	0.30	0.64	36.9%		
B16	B16	0.42	0.69	2.58	0.62	0.80	76.3%		
B18	B18	0.31	0.43	1.83	0.50	0.74	62.1%		
B19	B19	0.29	0.39	1.68	0.50	0.74	62.1%		
B20	B20	1.59	0.34	5.41	0.10	0.55	15.0%		
B22	B22	0.60	0.84	3.26	0.58	0.78	72.0%		
B24	B24	0.93	1.11	4.50	0.54	0.78	66.7%		
B26	B26	0.61	0.83	3.20	0.59	0.78	72.0%		
B28	B28	0.40	0.58	2.39	0.53	0.75	65.8%		
B30	B30	0.50	0.59	2.45	0.52	0.75	64.7%		
B32	B32	0.47	0.57	2.32	0.54	0.76	66.9%		
B34	B34	1.30	1.69	6.88	0.54	0.78	66.9%		
B36	B36	0.24	0.40	1.50	0.62	0.80	76.3%		
B38	B38	0.24	0.45	1.63	0.65	0.81	80.0%		
B40	B40	1.25	1.79	6.92	0.58	0.78	71.9%		
B42	B42	1.49	2.16	8.37	0.58	0.78	71.9%		
B44	B44	0.32	0.58	2.12	0.63	0.80	77.7%		
B46	B46	0.96	1.42	5.48	0.59	0.78	72.2%		
B48	B48	1.05	1.52	5.85	0.59	0.78	72.3%		
POND B4	POND B4	1.46	1.80	8.18	0.46	0.72	57.0%		
Basin B4 - Total		23.14	28.37	119.03	0.51	0.74	63.6%		
On-Site Subbasins to Basin A									
A2	A2	2.22	1.98	10.07	0.39	0.69	46.6%		
A4	A4	0.50	0.93	3.34	0.65	0.81	80.0%		
A6	A6	1.33	1.34	6.51	0.42	0.70	52.4%		
A8	A8	0.56	0.99	3.57	0.65	0.81	80.0%		
A10	A10	1.68	2.42	9.32	0.59	0.78	72.1%		
A12	A12	1.36	1.85	7.65	0.57	0.77	70.2%		
A14	A14	2.14	2.80	11.16	0.56	0.77	68.9%		
A16	A16	0.14	0.26	0.96	0.62	0.80	76.3%		
A18	A18	0.14	0.26	0.96	0.62	0.80	76.3%		
A20	A20	1.14	0.34	4.06	0.14	0.57	20.0%		
A22	A22	0.96	1.41	5.35	0.60	0.79	73.9%		
A24	A24	1.72	2.23	8.62	0.59	0.78	72.1%		
A26	A26	0.29	0.53	1.90	0.65	0.81	80.0%		
A28	A28	1.80	2.34	9.00	0.59	0.78	72.2%		
A30	A30	1.57	2.24	8.62	0.59	0.78	72.5%		
A32	A32	0.18	0.35	1.25	0.65	0.81	80.0%		
A34	A34	0.28	0.48	1.77	0.62	0.80	76.3%		
A36	A36	1.54	1.83	7.77	0.51	0.74	63.1%		
A38	A38	0.91	1.49	5.68	0.60	0.78	73.2%		
A40	A40	0.36	0.45	1.88	0.52	0.75	64.3%		
A42	A42	1.15	1.54	5.93	0.59	0.78	72.1%		
A44	A44	1.84	2.08	8.74	0.51	0.75	63.8%		
A46	A46	0.34	0.41	1.73	0.52	0.75	64.4%		
A48	A48	0.64	0.94	3.66	0.57	0.77	70.7%		
A50	A50	0.29	0.40	1.66	0.53	0.75	66.0%		
A52	A52	0.51	0.75	2.92	0.58	0.78	72.0%		
A54	A54	0.15	0.26	0.98	0.60	0.79	74.0%		
A56	A56	1.48	1.76	6.97	0.56	0.77	66.5%		
A58	A58	0.98	1.41	5.43	0.59	0.78	72.1%		
A60	A60	1.61	2.40	9.42	0.57	0.77	70.5%		
A62	A62	1.00	1.43	5.51	0.59	0.78	72.2%		
A64	A64	0.19	0.32	1.18	0.62	0.79	75.5%		
A66	A66	0.69	0.98	3.75	0.59	0.78	72.6%		
A68	A68	0.16	0.29	1.07	0.62	0.80	76.3%		
A70	A70	0.24	0.34	1.46	0.51	0.74	65.0%		
A72	A72	1.41	2.07	8.04	0.58	0.78	71.4%		
A74	A74	0.97	1.46	5.63	0.59	0.78	72.1%		
A76	A76	0.15	0.26	0.97	0.62	0.80	76.3%		
A78	A78	0.78	1.20	4.70	0.58	0.77	70.9%		
A80	A80	0.19	0.35	1.29	0.62	0.80	76.3%		
A82	A82	0.82	1.16	4.47	0.59	0.78	72.6%		
A84	A84	0.68	0.95	2.91	0.41	0.70	52.0%		
A86	A86	1.72	2.19	8.87	0.54	0.76	67.1%		
A88	A88	1.11	1.71	6.82	0.56	0.77	68.9%		
A90	A90	0.30	0.38	1.58	0.52	0.75	63.9%		
A92	A92	0.63	0.84	3.38	0.55	0.76	67.6%		
A94	A94	0.59	0.78	3.15	0.54	0.76	67.1%		
A96	A96	0.20	0.28	1.14	0.52	0.75	64.9%		
A98	A98	1.51	2.02	7.96	0.57	0.77	69.9%		
A100	A100	1.37	1.65	6.91	0.52	0.75	64.1%		
A102	A102	0.15	0.26	0.97	0.62	0.80	76.3%		
A104	A104	0.63	0.89	3.43	0.59	0.78	72.0%		
A106	A106	2.68	3.27	13.21	0.55	0.76	67.4%		
A108	A108	0.68	0.60	2.93	0.42	0.70	52.7%		
A110	A110	0.39	0.39	1.89	0.43	0.70	53.7%		
A112	A112	3.79	2.89	15.48	0.37	0.67	46.5%		
A114	A114	2.55	1.60	9.35	0.32	0.65	40.1%		
POND A1	POND A1	3.79	3.85	18.21	0.40	0.69	50.7%		
On Site Basin A1		59.22	72.59	304.15	0.51	0.74	63.4%		
Off-Site Subbasins to Basin A1									
A-O1	A-O1	11.71	1.24	35.38	0.08	0.52	8.6%		
A-O2	A-O2	6.37	0.75	17.75	0.07	0.52	9.6%		
A-O3	A-O3	1.39	0.35	8.88	0.13	0.55	17.0%		
A-O4	A-O4	4.42	0.48	26.49	0.06	0.52	8.3%		
A-O5	A-O5	4.89	1.05	18.93	0.11	0.54	14.3%		
Basin A1 - Total		88.01	76.47	411.58	0.37	0.67	46.0%		
On-Site Subbasins to Basin C									
C2	C2	0.29	0.40	1.60	0.56	0.77	66.2%		
C4	C4	1.40	2.00	7.76	0.58	0.78	71.6%		
C6	C6	1.10	1.53	5.92	0.58	0.78	71.9%		
C8	C8	0.45	0.57	2.52	0.48	0.73	60.1%		
C10	C10	0.15	0.27	1.02	0.62	0.80	76.3%		
C12	C12	0.73	1.02	3.94	0.59	0.78	72.2%		
C14	C14	0.18	0.35	1.26	0.65	0.81	80.0%		
C16	C16	0.73	1.15	4.45	0.59	0.78	72.2%		
C18	C18	0.93	1.37	5.15	0.61	0.79	75.1%		
C20	C20	0.27	0.46	1.85	0.65	0.81	80.0%		
C22	C22	0.77	1.05	4.08	0.58	0.78	71.6%		
C24	C24	0.28	0.34	1.42	0.51	0.74	63.5%		
C26	C26	0.89	1.20	4.64	0.59	0.78	72.2%		
C28	C28	1.32	1.70	6.97	0.57	0.77	70.6%		
C30	C30	0.18	0.32	1.18	0.62	0.80	76.3%		
C32	C32	0.67	1.21	4.67	0.59	0.78	72.5%		
C34	C34	0.49	0.66	2.64	0.55	0.76	68.3%		
C36	C36	0.53	0.70	2.79	0.56	0.77	68.9%		
C38	C38	0.18	0.33	1.21	0.62	0.80	76.3%		
C40	C40	0.74	1.04	4.00	0.59	0.78	72.7%		
C42	C42	0.47	0.46	2.33	0.40	0.69	50.3%		
C44	C44	0.54	0.54	2.86	0.41	0.70	51.6%		
Basin C- Total		13.48	18.69	73.53	0.57	0.77	70.1%		
On-Site Subbasins to Basin D									
D2	D2	0.57	0.89	3.08	0.56	0.77	66.6%		
D4	D4	0.78	1.27	4.95	0.59	0.78	72.9%		
D6	D6	0.79	1.11	4.91	0.59	0.78	72.9%		
D8	D8	0.76	1.13	4.07	0.59	0.78	72.7%		
D10	D10	0.57	0.82	3.35	0.62	0.80	76.3%		
D12	D12	1.71	2.58	8.95	0.59	0.78	72.5%		
D14	D14	0.45	0.62	2.60	0.59	0.78	72.3%		
D16	D16	0.66	1.13	3.51	0.59	0.78	72.6%		
D18	D18	0.64	1.05	4.18	0.59	0.78	72.6%		
D20	D20	0.20	0.28	1.29	0.62	0.80	76.3%		
D22	D22	2.33	3.07	11.93	0.59	0.78	72.5%		
D24	D24	2.53	3.33	12.61	0.57	0.77	66.9%		
D26	D26	0.41	0.81	2.04	0.50	0.74	61.7%		
D28	D28	2.08	0.82	7.07	0.10	0.55	15.0%		
Basin D - Total		12.38	18.09	67.47	0.51	0.74	63.6%		
On-Site Subbasins to Basin E									
E2	E2	1.89	2.34	10.99	0.55	0.76	67.8%		
E4	E4	1.32	1.93	6.79	0.60	0.78	73.4%		
E6	E6	1.63	3.95	9.12	0.61	0.79	74.5%		
Basin E - Total		4.85	8.22	26.90	0.58	0.78	71.6%		
Subbasins Draining to OffSite									
O-O1	O-O1	13.41	1.28	49.46	0.05	0.52	7.8%		
Offsite - Total		13.41	1.26	49.46	0.05	0.52	7.84%		

PRELIMINARY DRAINAGE PLAN

FOR

HARVEST CROSSING, SUBDIVISION FILING NO. 3

SITUATED IN THE WEST HALF OF SECTION 29,

TOWNSHIP 4 SOUTH, RANGE 65 WEST OF THE SIXTH PRINCIPLE MERIDIAN,

CITY OF AURORA, COUNTY OF ARAPAHOE, STATE OF COLORADO

CIVIL ENGINEER

OWNER

LANDSCAPE ARCHITECT

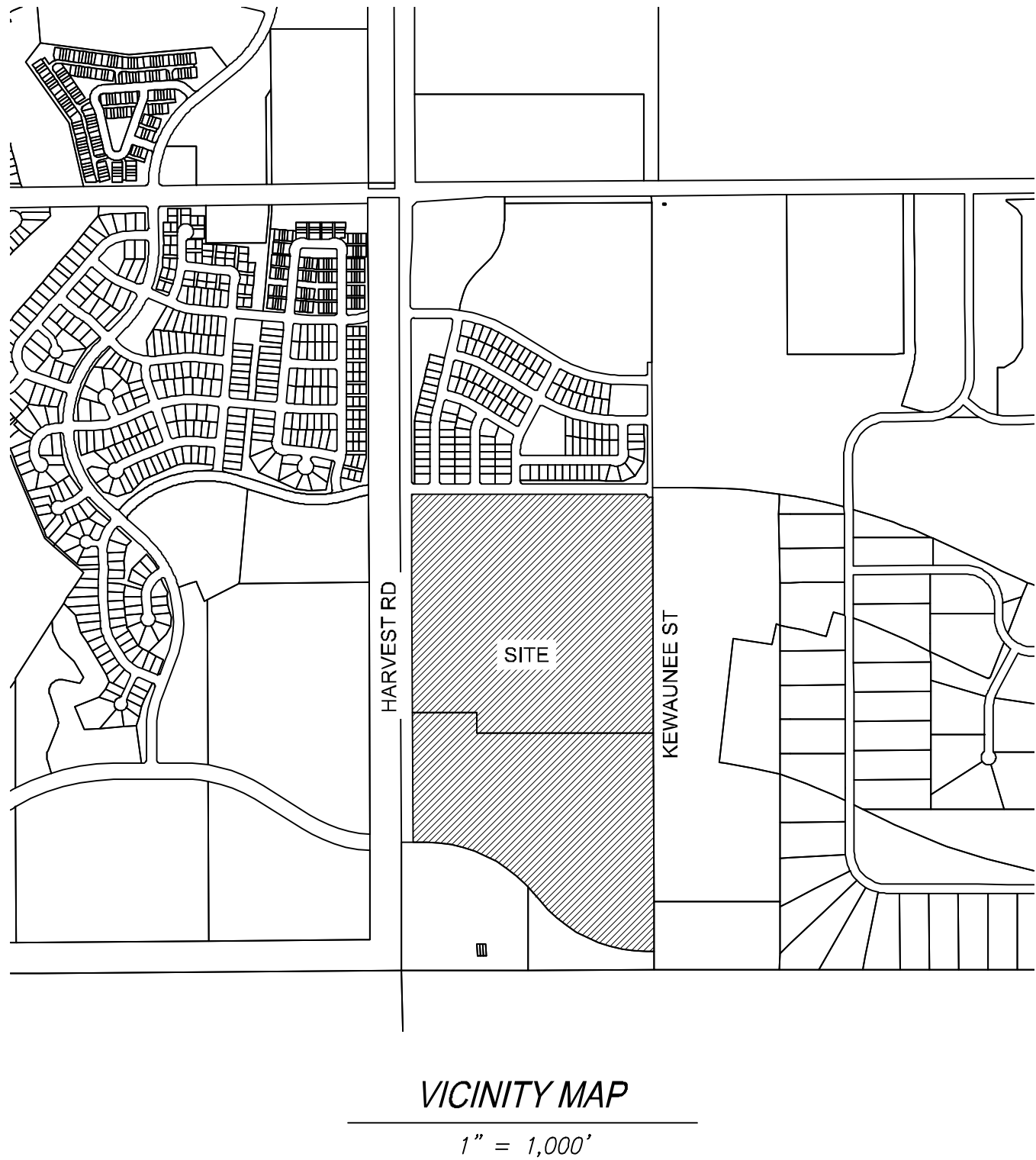
LAND SURVEYOR

KIMLEY-HORN AND ASSOCIATES, INC.
6200 S SYRACUSE WAY
GREENWOOD VILLAGE, COLORADO 80111
TELEPHONE: (720) 372-0747
CONTACT: KEEGAN MCCORMACK, PE

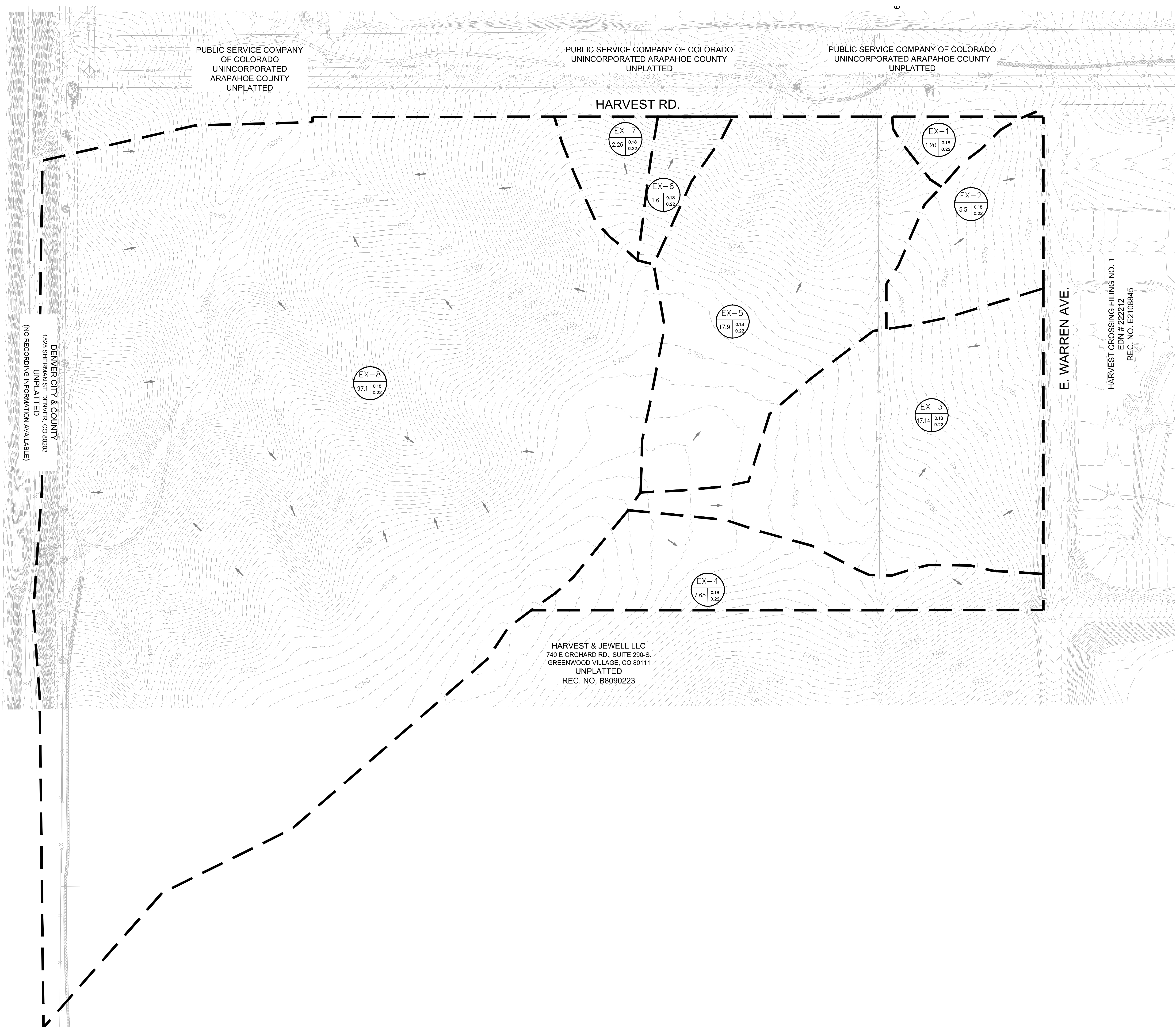
JEN 20 COLORADO, LLC
C/O INTEGRITY LAND VENTURES
7200 S ALTON WAY, SUITE C-400
CENTENNIAL, COLORADO 80112
TELEPHONE: (303) 267-6255
CONTACT: JERRY RICHMOND

PLANWEST
767 SANTA FE DRIVE
DENVER, COLORADO 80204
CENTENNIAL, COLORADO 80112
TELEPHONE: (303) 741-1411
CONTACT: ALLISON HIBBS, PLA

AZTEC CONSULTANTS INC.
300 EAST MINERAL AVENUE, SUITE 1
LITTLETON, COLORADO 80122
PHONE: (720) 724-3870
CONTACT: JIM LYNCH, PLS



Basin Properties		
Area	88.01 Acres	23.14 Acres
Imperviousness	46.01 %	63.60 %
Pond A1 Summary		
Description	Required	Provided
WQCV	1.435 AC-FT	1.441 AC-FT
EURV	3.806 AC-FT	3.812 AC-FT
100-Yr Detention Volume	7.374 AC-FT	9.324 AC-FT
100-Yr Release Rate	72.70 CFS	69.20 CFS
Pond B4 Summary		
Description	Required	Provided
WQCV	0.480 AC-FT	0.482 AC-FT
EURV	1.419 AC-FT	1.421 AC-FT
100-Yr Detention Volume	2.435 AC-FT	2.545 AC-FT
100-Yr Release Rate	21.70 CFS	21.40 CFS



EXISTING DRAINAGE LEGEND

- # = BASIN DESIGNATION
- AC = AREA IN ACRES
- C2 = 2-YR RUNOFF COEFFICIENT
- C100 = 100-YR RUNOFF COEFFICIENT
- # = DESIGN POINT
- = EXISTING BASIN BOUNDARY
- = EXISTING FLOW ARROW

NOTE

CITY OF AURORA PLAN REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH CITY OF AURORA DESIGN CRITERIA AND THE CITY CODE. THE CITY IS NOT RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND ELEVATIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE. THE CITY OF AURORA, THROUGH THE APPROVAL OF THIS DOCUMENT, ASSUMES NO RESPONSIBILITY FOR THE COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT.

PROPOSED ON-SITE PUBLIC STORM DRAIN PIPES TO CONVEY THE MINOR (Q2) STORM WITHOUT SURCHARGING AND MAJOR (Q100) STORM MAXIMUM SURCHARGING TO BE A MINIMUM OF ONE-FT BELOW PROPOSED GRADE.

ALL STORM INFRASTRUCTURE IS PUBLIC, SIZED FOR THE 100-YEAR STORM, AND ON-GRADE UNLESS OTHERWISE NOTED.

THIS SITE RELIES ON OFF-SITE CONVEYANCE INFRASTRUCTURE. NO IMPERVIOUS AREA MAY BE CONSTRUCTED WITHIN THIS SITE UNTIL THERE IS INITIAL ACCEPTANCE FOR ANY NEEDED OFF-SITE CONVEYANCE INFRASTRUCTURE.

THIS SITE RELIES ON ADJACENT INFRASTRUCTURE AND GRADING THAT IS NOT CURRENTLY CONSTRUCTED. IF THE ADJACENT SITES ARE NOT UNDER CONSTRUCTION OR CONSTRUCTED AT THE TIME OF THE CONSTRUCTION OF THIS SITE, REVISIONS TO CIVIL PLANS WILL BE REQUIRED.

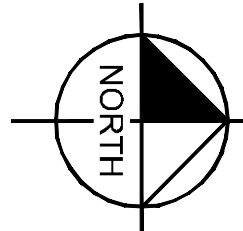
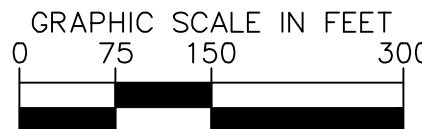
THE NORTHEASTERN PORTION OF THE SITE FALLS WITHIN ZONE X ACCORDING TO THE FEMA FIRM MAP NUMBER 08005C0212K PANEL 212 EFFECTIVE DECEMBER 17, 2010. THE SOUTHERN AND WESTERN PORTIONS OF THE SITE FALL WITHIN ZONE X ACCORDING TO FEMA FIRM MAP NUMBER 0800C0062L PANEL 62 EFFECTIVE FEBRUARY 17, 2017.

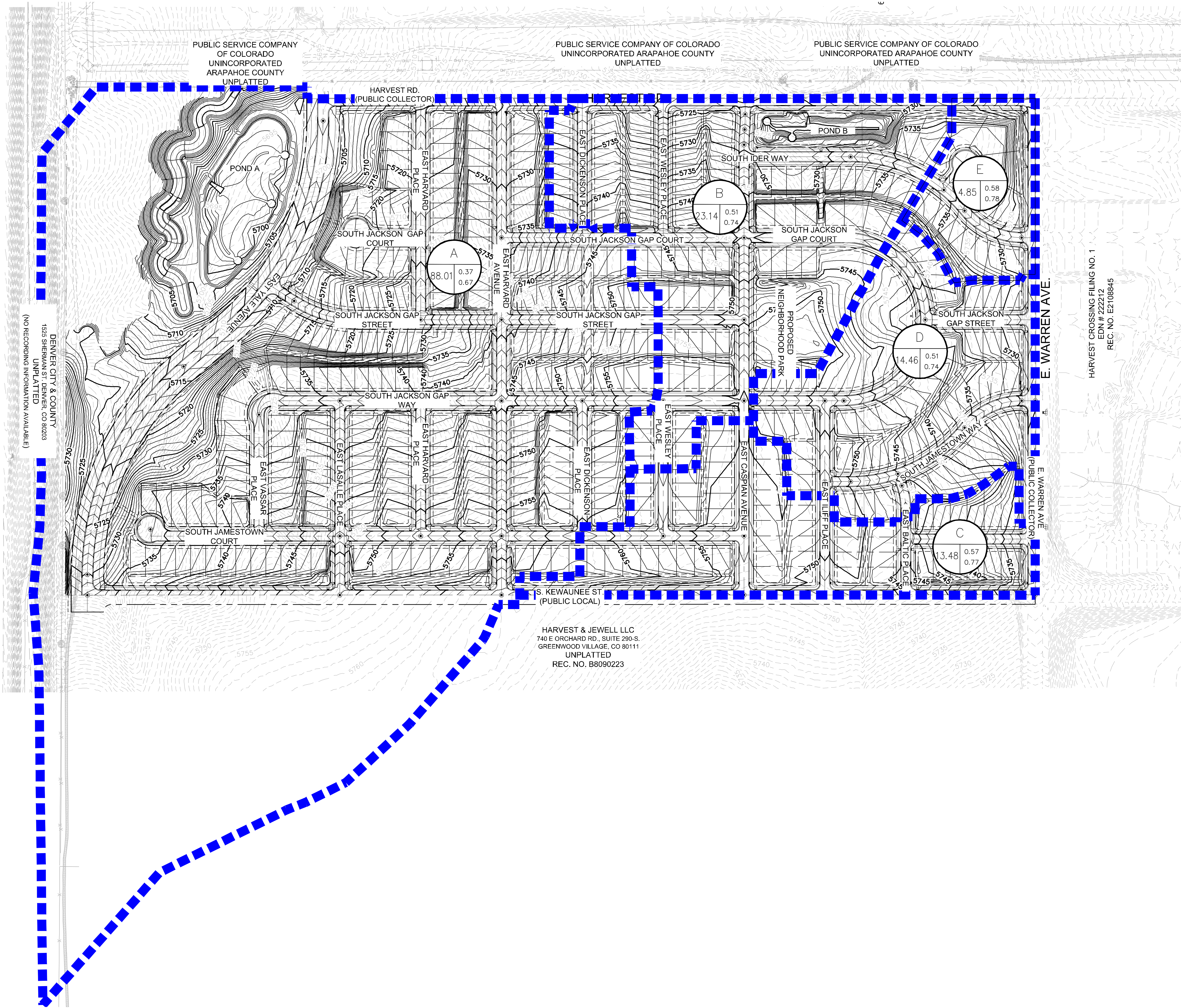
ALL FINISHED FLOOR ELEVATIONS SHALL BE A MINIMUM OF 1-FOOT ABOVE EMERGENCY OVERFLOW 100-YEAR WATER SURFACE ELEVATIONS AND GARAGES SHALL NOT BE INUNDATED.

SITE BENCHMARK

CITY OF AURORA BENCHMARK #456518SW001 (AZTEC #407). RECOVERED A 3" BRASS CAP STAMPED "M-095" LOCATED ON THE NORTH SIDE OF EAST MISSISSIPPI AVE 300' MORE OR LESS EAST OF S COOLIDGE ST.

ELEVATION = 5603.65 (NAVD 88).





PROPOSED DRAINAGE LEGEND

#

AC

C2

C100

= BASIN DESIGNATION
AC = AREA IN ACRES
C2 = 2-YR RUNOFF COEFFICIENT
C100 = 100-YR RUNOFF COEFFICIENT

#

= DESIGN POINT

PROPOSED BASIN BOUNDARY

→

PROPOSED FLOW ARROW

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THE NORTHEASTERN PORTION OF THE SITE FALLS WITHIN ZONE X ACCORDING TO THE FEMA FIRM MAP NUMBER 08005C0212K PANEL 212 EFFECTIVE DECEMBER 17, 2010. THE SOUTHERN AND WESTERN PORTIONS OF THE SITE FALL WITHIN ZONE X ACCORDING TO FEMA FIRM MAP NUMBER 0800C0062L PANEL 62 EFFECTIVE FEBRUARY 17, 2017.

ALL FINISHED FLOOR ELEVATIONS SHALL BE A MINIMUM OF 1-FOOT ABOVE EMERGENCY OVERFLOW 100-YEAR WATER SURFACE ELEVATIONS AND GARAGES SHALL NOT BE INUNDATED.

SITE BENCHMARK
CITY OF AURORA BENCHMARK #4S6518SW001 (AZTEC #407). RECOVERED A 3" BRASS CAP STAMPED "M-095" LOCATED ON THE NORTH SIDE OF EAST MISSISSIPPI AVE 300' MORE OR LESS EAST OF S COOLIDGE ST.
ELEVATION = 5603.65 (NAVD 88).

HARVEST CROSSING FILING NO. 1
EDN # 222212
REC. NO. E2108845

DENVER CITY & COUNTY
1525 SHERMAN ST. DENVER, CO 80203
UNPLATTED
(NO RECORDING INFORMATION AVAILABLE)

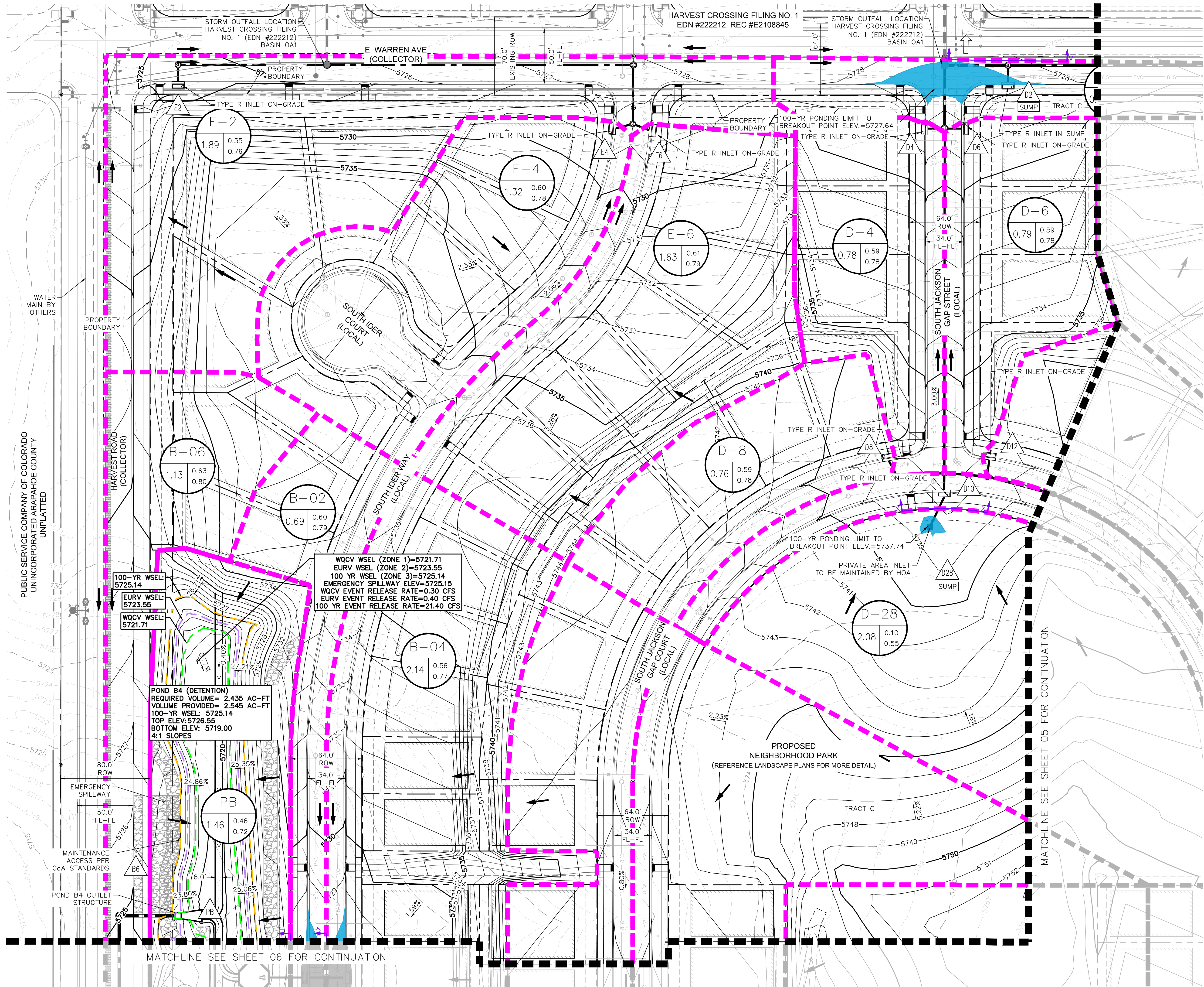
HARVEST & JEWELL LLC
740 E ORCHARD RD., SUITE 290-S.
GREENWOOD VILLAGE, CO 80111
UNPLATTED
REC. NO. B8090223

OWNER / CLIENT
JEN 20 COLORADO, LLC
C/O INTEGRITY LAND VENTURES
1525 SHERMAN ST. SUITE C-400
CENTENNIAL, CO 80112
JERRY@INTEGRITYLANDVENTURES.COM
PLANNER / LA
PLANWEST
767 SANTA FE DRIVE
DENVER, CO 80204
303-741-1411

PROPOSED DRAINAGE MAP
HARVEST CROSSING FILING NO. 3
AURORA, COLORADO

ISSUE RECORD	
SITE PLAN	27 MAR 2024

PROJECT INFORMATION	
PROJECT #:	19628-001
DRAWN BY:	JBP/SMO
CHECKED BY:	KJM



PROPOSED DRAINAGE LEGEND

#	# = BASIN DESIGNATION
AC	AC = AREA IN ACRES
C2	C2 = 2-YR RUNOFF COEFFICIENT
C100	C100 = 100-YR RUNOFF COEFFICIENT
#	# = DESIGN POINT
---	PROPOSED BASIN BOUNDARY
→	PROPOSED FLOW ARROW
→	EMERGENCY OVERFLOW ARROW
+	MAX SUMP INLET PONDING
+	EMERGENCY OVERFLOW CROSS-SECTION
---	PROP. PUBLIC STORM DRAIN
---	PROP. PRIVATE STORM DRAIN
---	EXISTING STORM DRAIN

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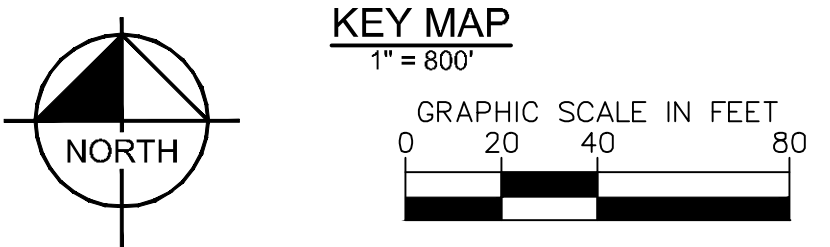
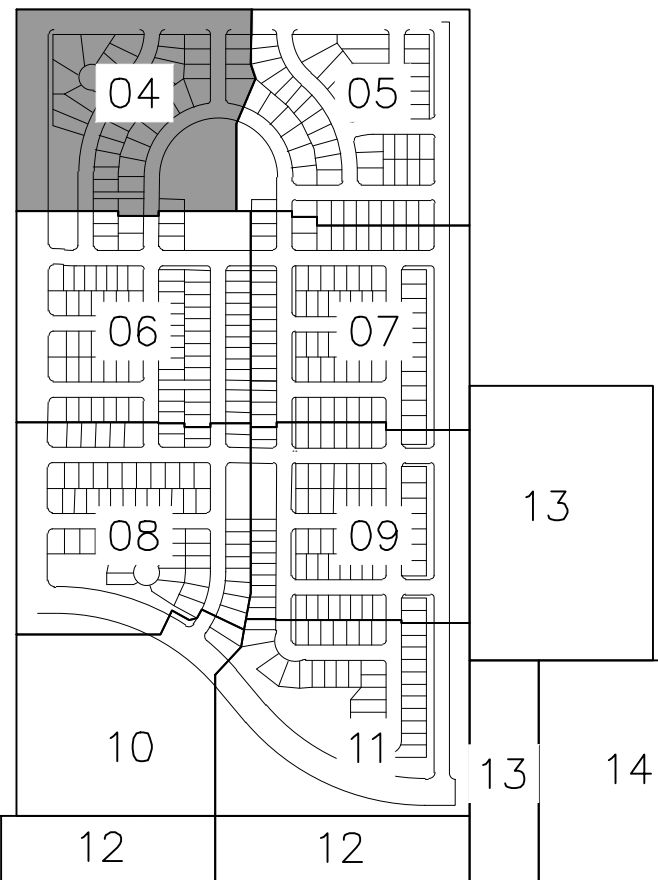
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6200 SOUTH SYRACUSE WAY, SUITE 300
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OWNER / CLIENT

CITY OF AURORA, CO
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CENTENNIAL, CO 80122
JERRY@INTEGRITYLANDVENTURES.COM

PLANNER / LA

PLANNING
767 SANTA FE DRIVE
DENVER, CO 80204
303-741-1411

PRELIMINARY DRAINAGE PLAN

HARVEST CROSSING FILING NO. 3

AURORA, COLORADO

ISSUE RECORD

ISSUE RECORD	21 MAR 2024
SITE PLAN	

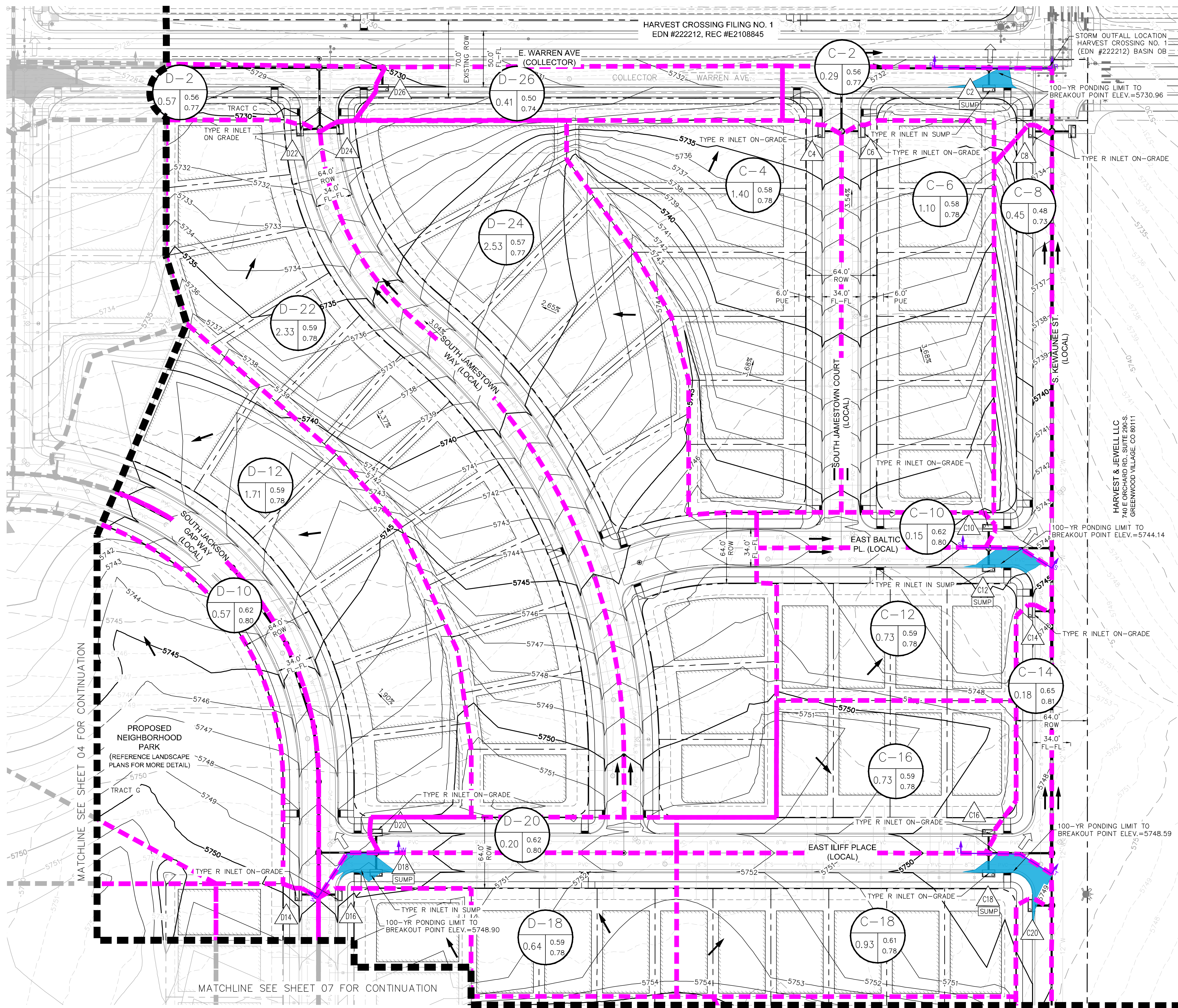
PROJECT INFORMATION

PROJECT #:	19628-001
DRAWN BY:	JBP/SM
CHECKED BY:	KJM

PRELIMINARY DRAINAGE PLAN

04

04 OF 17



PROPOSED DRAINAGE LEGEND

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AC	AC = AREA IN ACRES
C2	C2 = 2-YR RUNOFF COEFFICIENT
C100	C100 = 100-YR RUNOFF COEFFICIENT
#	# = DESIGN POINT
---	PROPOSED BASIN BOUNDARY
→	PROPOSED FLOW ARROW
→	EMERGENCY OVERFLOW ARROW
+	MAX SUMP INLET PONDING
+	EMERGENCY OVERFLOW CROSS-SECTION
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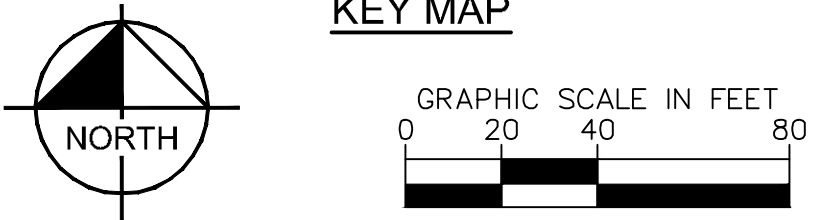
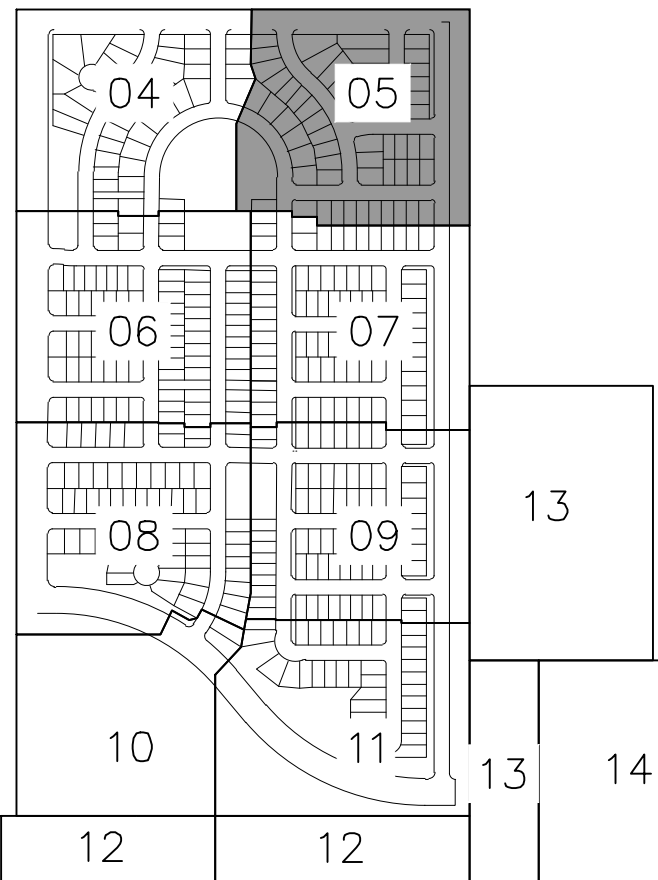
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PRELIMINARY DRAINAGE PLAN

HARVEST CROSSING FILING NO. 3

AURORA, COLORADO

ISSUE RECORD

PROJECT #:	19628-001
DRAWN BY:	JBP/SMD
CHECKED BY:	KJM

22 MAR 2024

PROJECT INFORMATION

19628-001

22 MAR 2024

PRELIMINARY DRAINAGE PLAN

05

05 OF 17

POND B4 (DETENTION)
REQUIRED VOLUME= 2.435 AC-FT
VOLUME PROVIDED= 2.545 AC-FT
100-YR WSEL: 5725.14
TOP ELEV: 5726.55
BOTTOM ELEV: 5719.00
4:1 SLOPES

TYPE R INLET ON-GRADE
100-YR WSEL: 5725.14
EURV WSEL: 5723.55
WQCV WSEL: 5721.71

STORM OUTFALL
LOCATION: MANHOLE
CONSTRUCTED AS
PART OF MURPHY
CREEK SUBDIVISION
FILING NO. 9

PUBLIC SERVICE COMPANY OF COLORADO
UNINCORPORATED ARAPAHOE COUNTY
UNPLATTED

WATER
MAIN BY
OTHERS

HARVEST ROAD
(COLLECTOR)

MATCHLINE SEE SHEET 08 FOR CONTINUATION

MATCHLINE SEE SHEET
04 FOR

PROPOSED
NEIGHBORHOOD PARK
(REFERENCE LANDSCAPE PLANS
FOR MORE DETAIL)

PRIVATE AREA INLET
TO BE MAINTAINED BY HOA

PR. PRIVATE DRAINAGE SWALE B20
BOTTOM SLOPE= 2.00%
MAX. SIDE SLOPES 5:1
TOTAL DEPTH= 1.33'
100-YR FLOW= 5.41 CFS
100-YR PONDING DEPTH= 0.32'

EAST CASPIAN AVENUE
(LOCAL)

EAST WESLEY PLACE
(LOCAL)

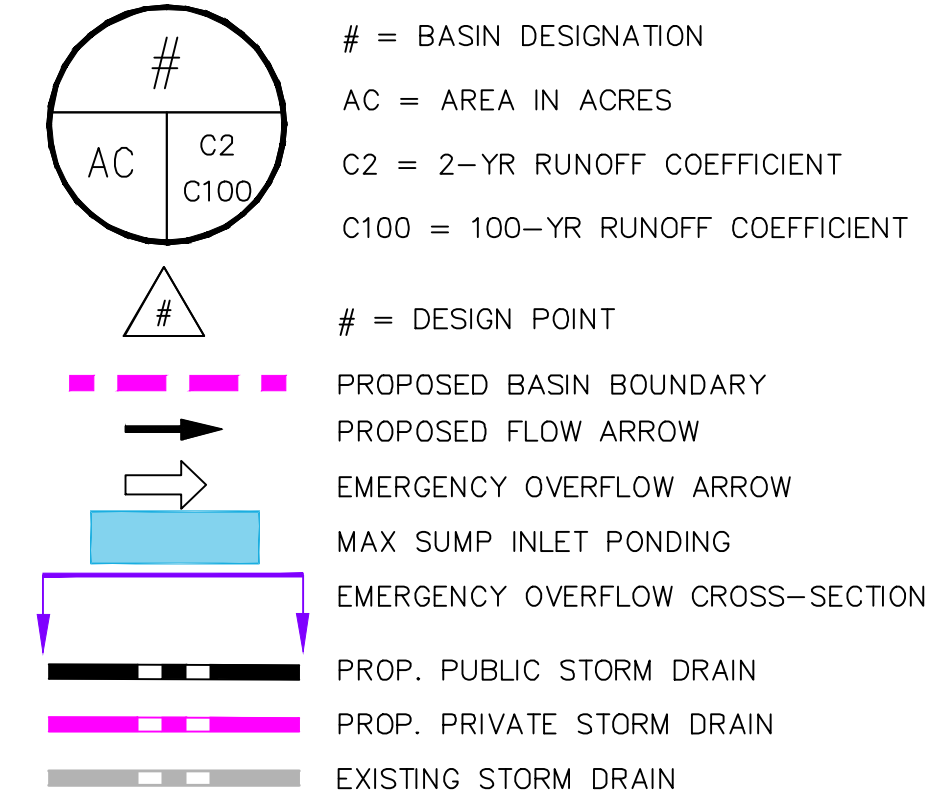
EAST DICKENSON PLACE
(LOCAL)

SOUTH JACKSON GAP COURT
(LOCAL)

SOUTH JACKSON GAP
STREET (PUBLIC)

MATCHLINE SEE SHEET 07 FOR CONTINUATION

PROPOSED DRAINAGE LEGEND



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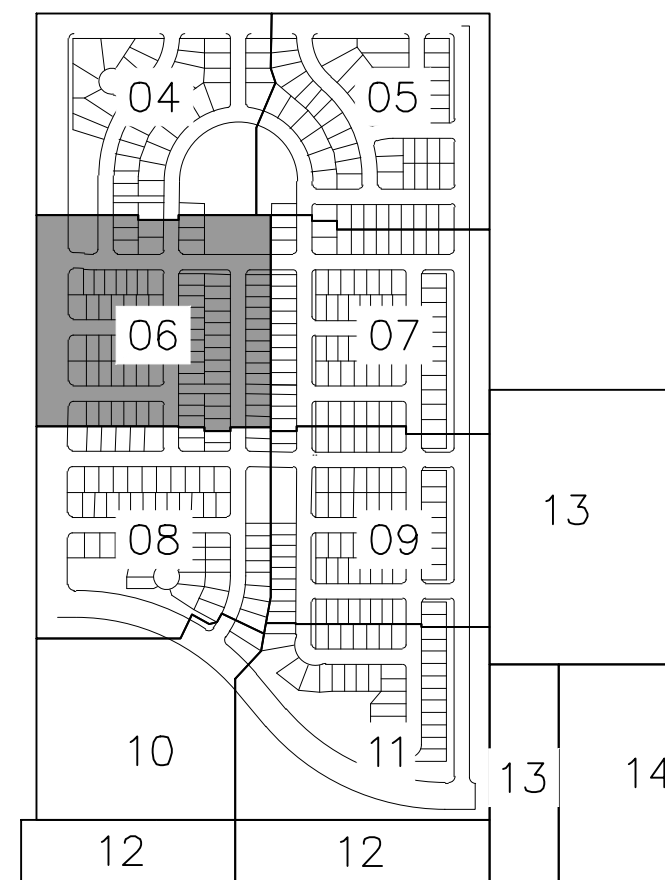
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C/O INTEGRITY LAND VENTURES
1000 CENTENNIAL CO RD 102
JERRY@INTEGRITYLANDVENTURES.COM
PLANNER / LA

PRELIMINARY DRAINAGE PLAN

HARVEST CROSSING FILING NO. 3

AURORA, COLORADO

ISSUE RECORD

SITE PLAN
21 MAR 2024

PROJECT INFORMATION

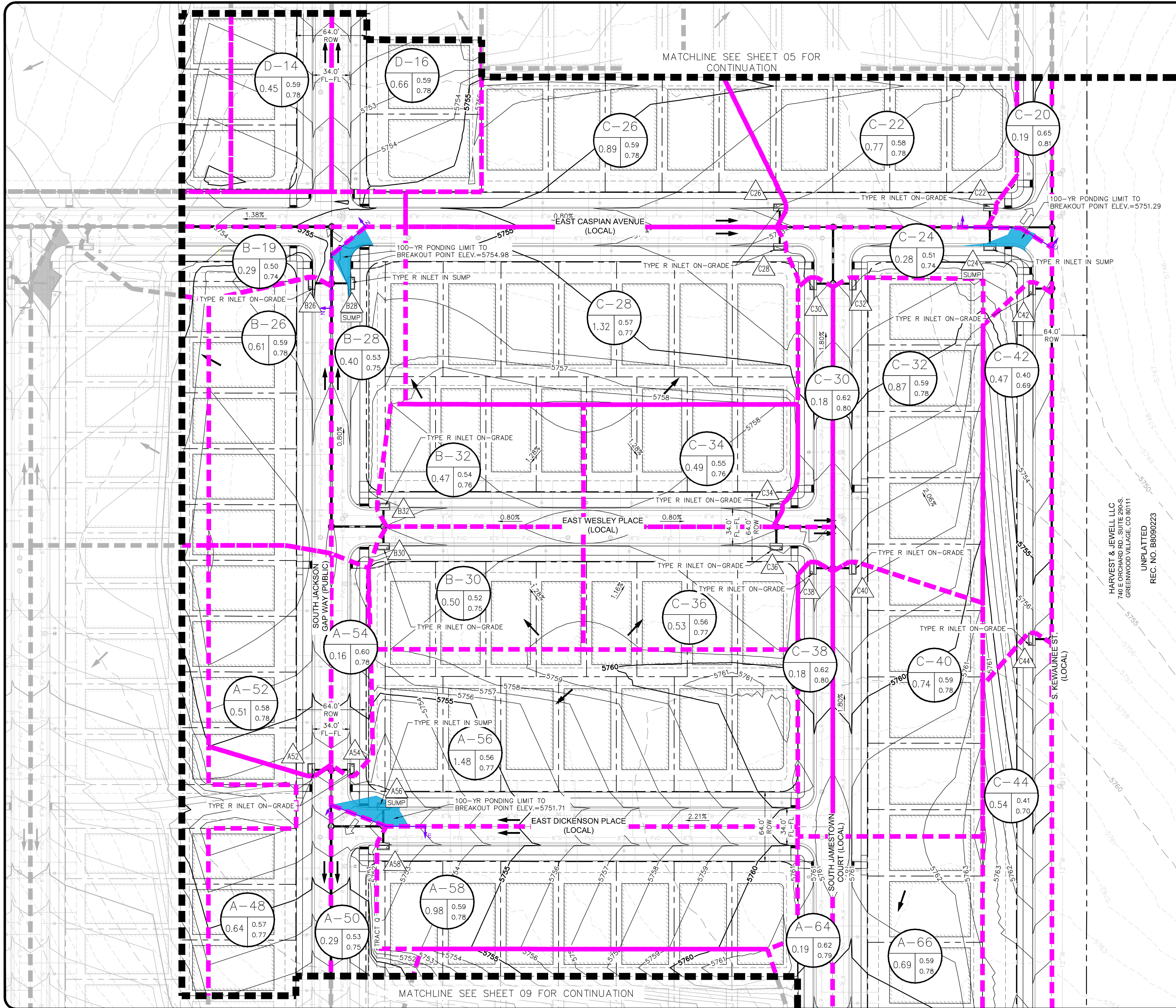
PROJECT #: 19628-001
DRAWN BY: JBP/SMD
CHECKED BY: KJM

PRELIMINARY DRAINAGE PLAN

06

06 OF 17

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GREENWOOD VILLAGE, CO (303) 228-2300



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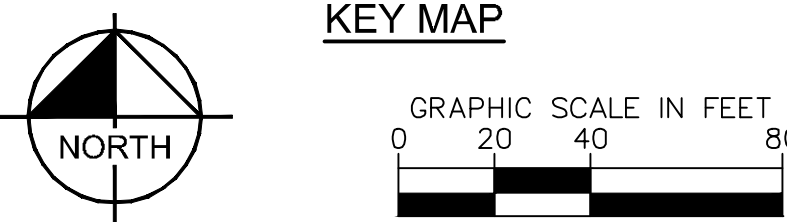
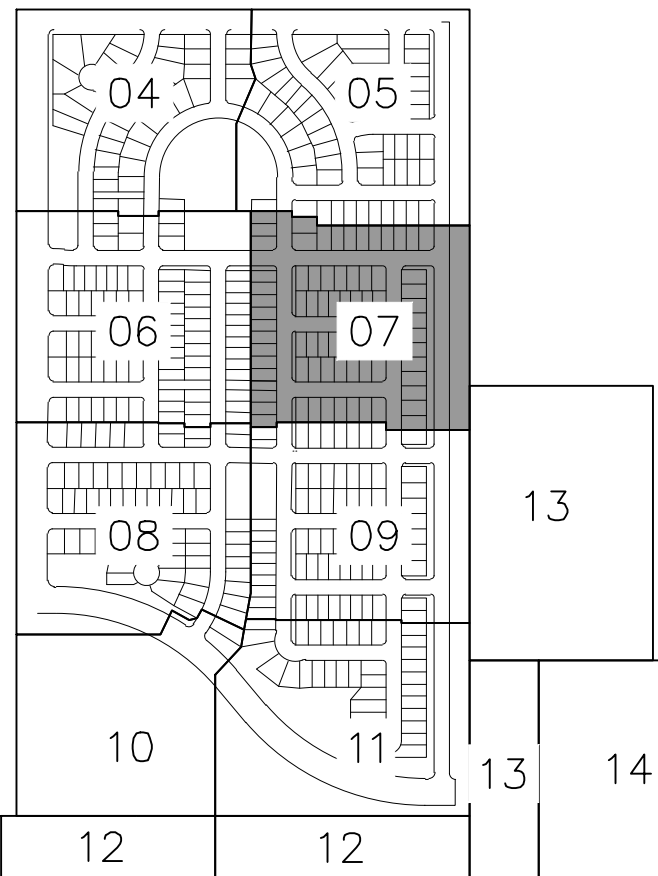
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HARVEST & JEWELL LLC
740 E ORCHARD RD, SUITE 200-S,
GREENWOOD VILLAGE, CO 80111

UNPLATTED
REC. NO. B8090223



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6200 SOUTH SYRACUSE WAY, SUITE C-600
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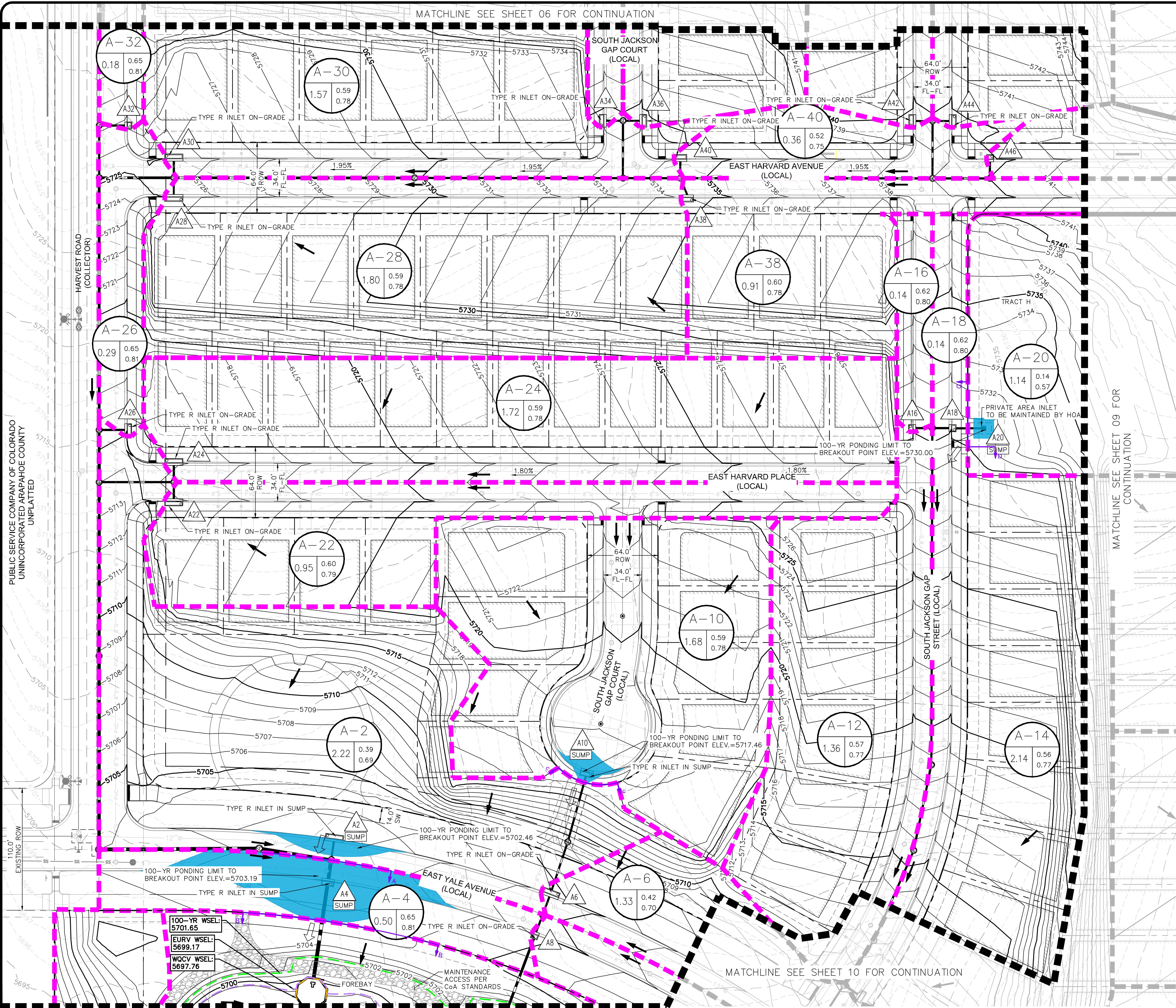
PRELIMINARY DRAINAGE PLAN
HARVEST CROSSING FILING NO. 3
AURORA, COLORADO

ISSUE RECORD

SITE PLAN	21 MAR 2024

PROJECT INFORMATION

PROJECT #:	19628-001
DRAWN BY:	JBP/SMD
CHECKED BY:	KJM



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	# = DESIGN POINT
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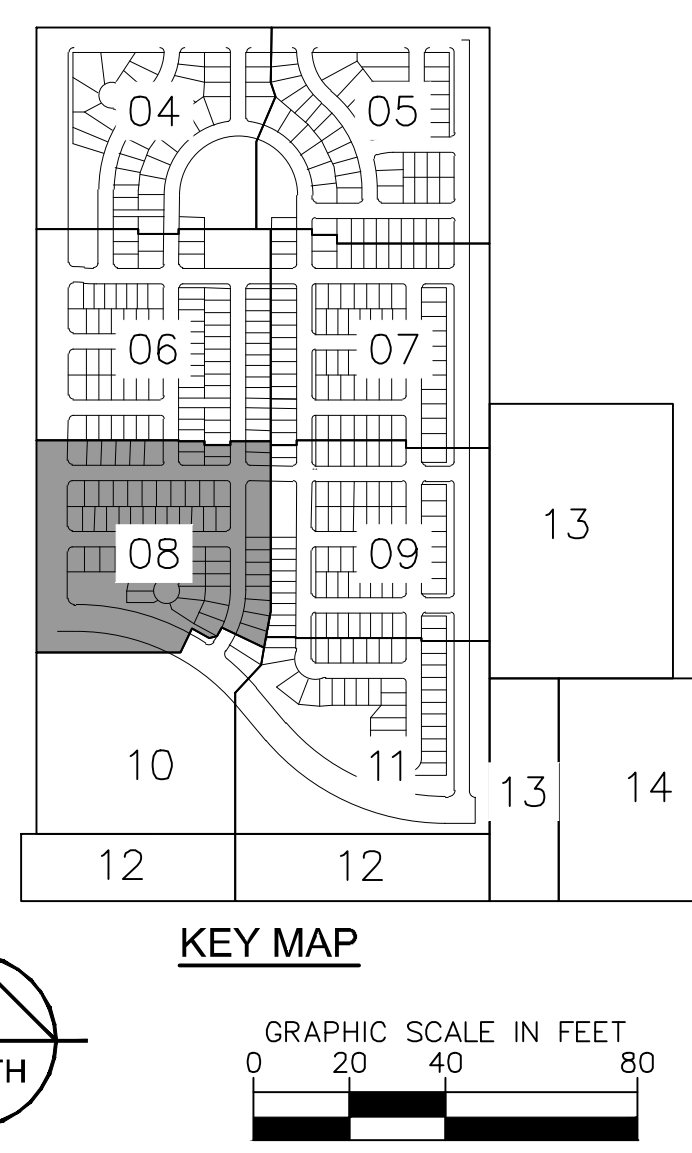
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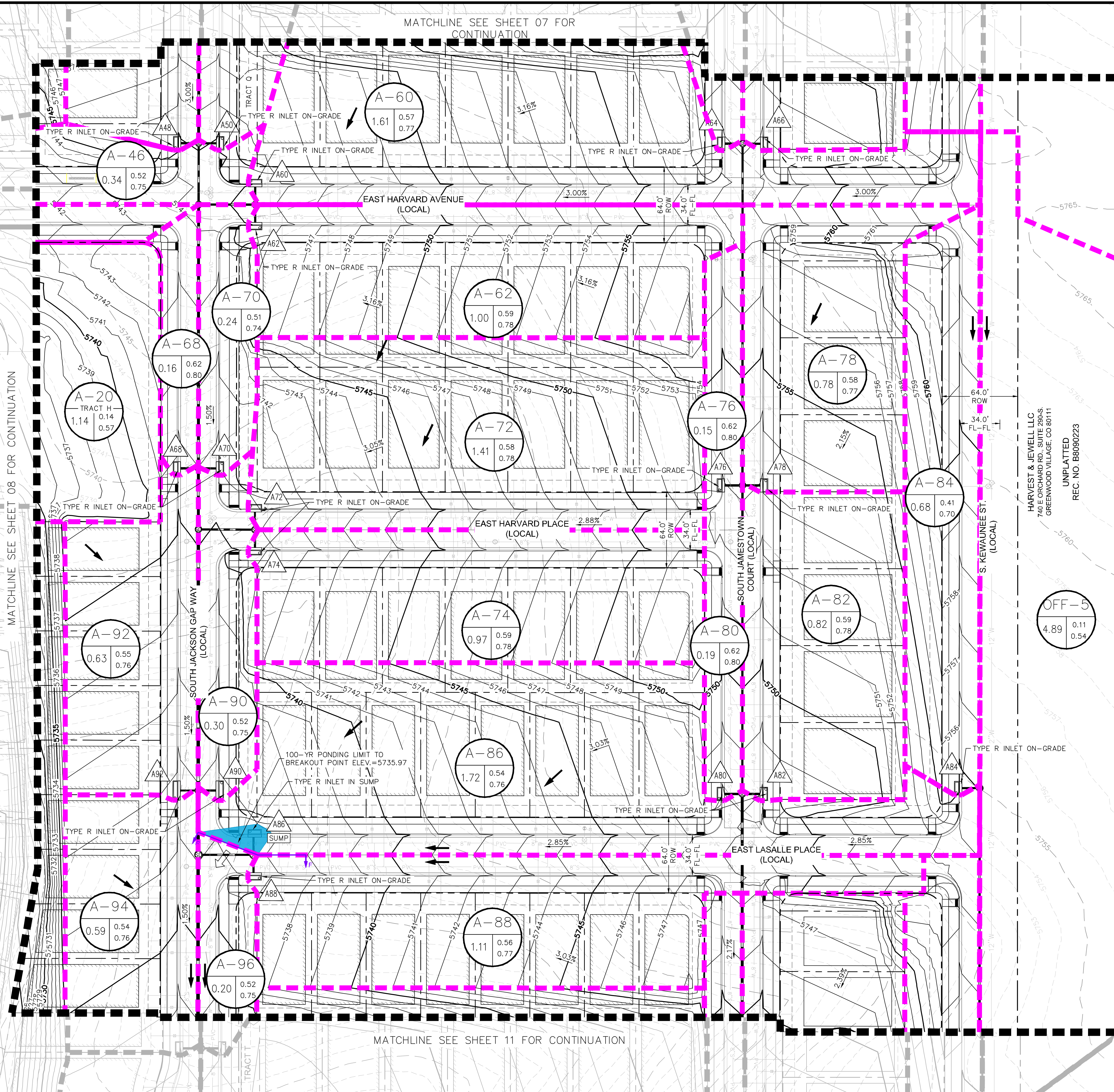
21 MAR 2024

PROJECT INFORMATION

19628-001

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PRELIMINARY DRAINAGE PLAN
08
08 OF 17



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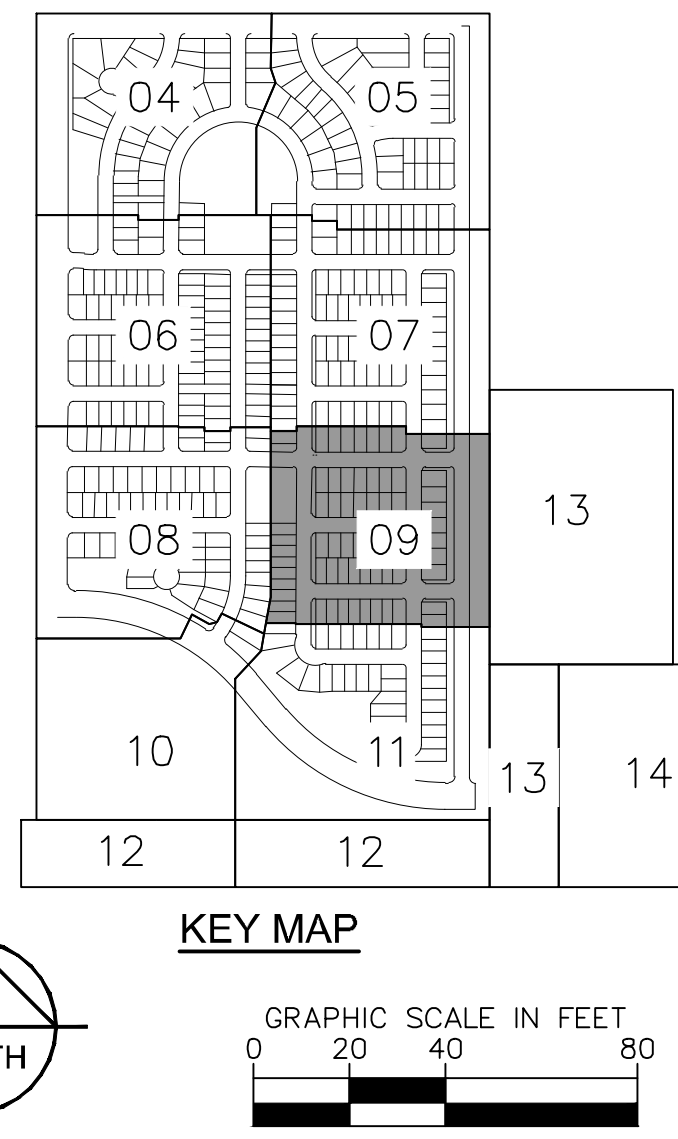
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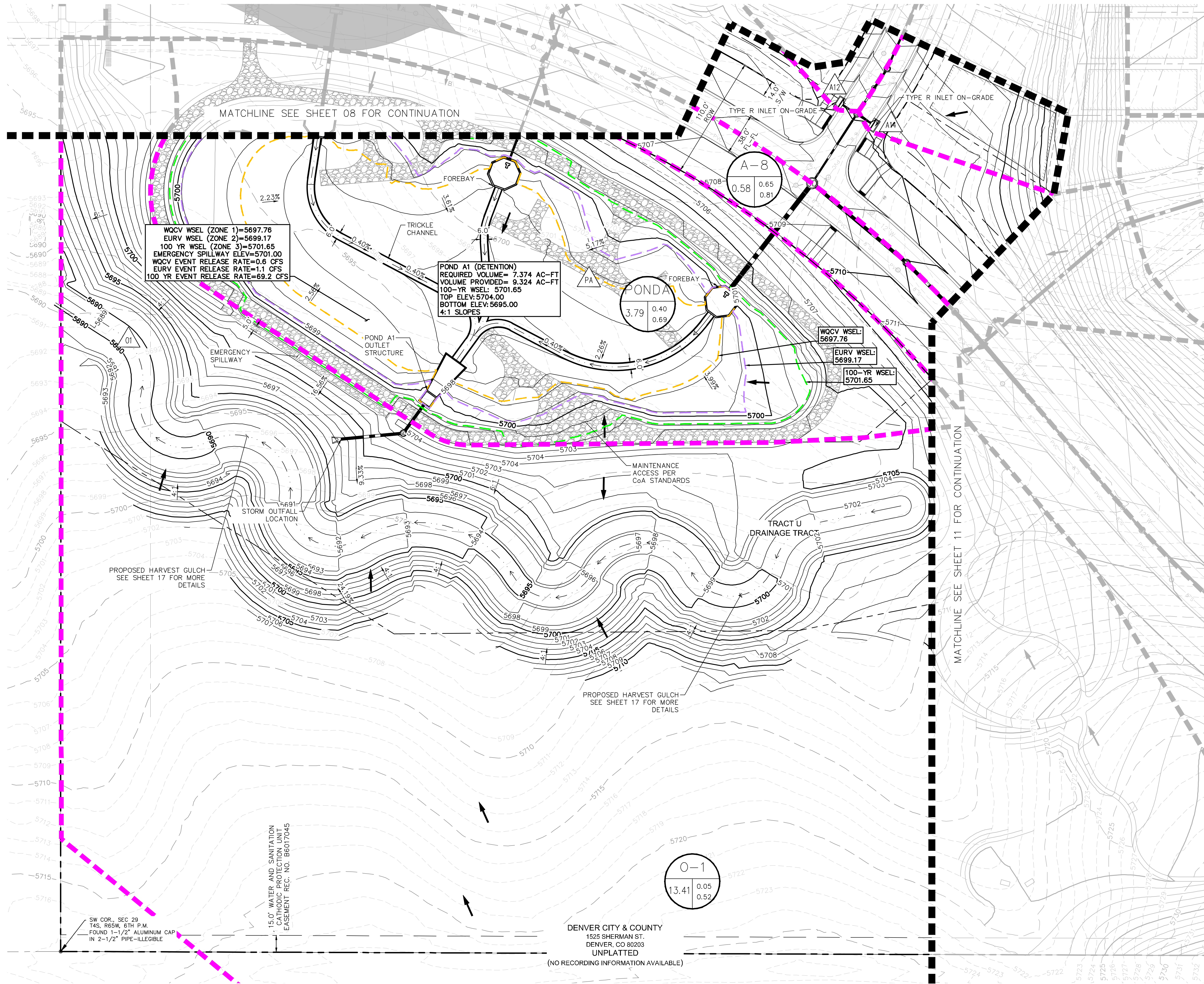
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DRAWN BY:	JBP/SMO
CHECKED BY:	KJM

PRELIMINARY DRAINAGE PLAN

09

09 OF 17



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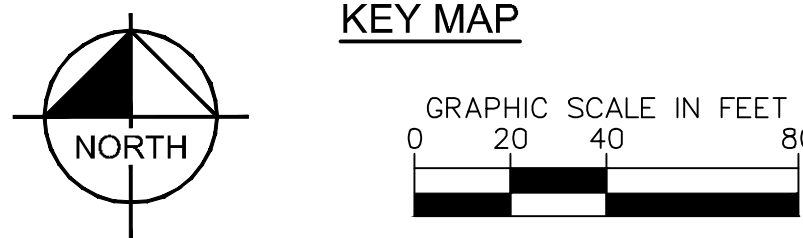
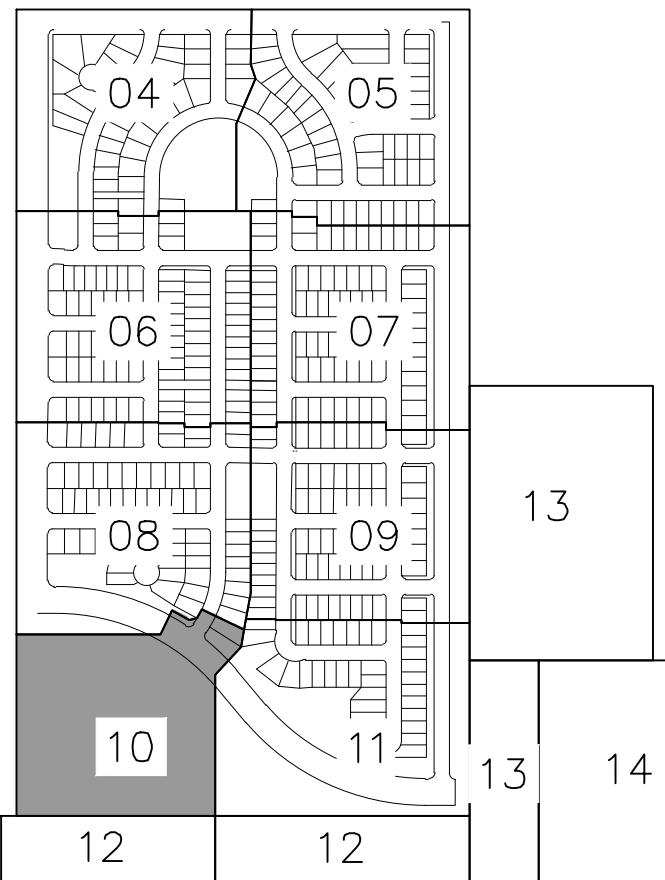
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SITE BENCHMARK
CITY OF AURORA BENCHMARK #4S6518SW001 (AZTEC #407). RECOVERED A 3" BRASS CAP STAMPED "M-095" LOCATED ON THE NORTH SIDE OF EAST MISSISSIPPI AVE 300' MORE OR LESS EAST OF S COOLIDGE ST.
ELEVATION = 5603.65 (NAVD 88).



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GREENWOOD VILLAGE, CO (303) 228-2300

OWNER / CLIENT
JEN 20 COLORADO, LLC
C/O INTEGRITY LAND VENTURES
1000 CENTENNIAL CO RD 102
JERRY@INTEGRITYLANDVENTURES.COM
PLANNER / LA
PLANNING
767 SANTA FE DRIVE
DENVER, CO 80204
303-741-1411

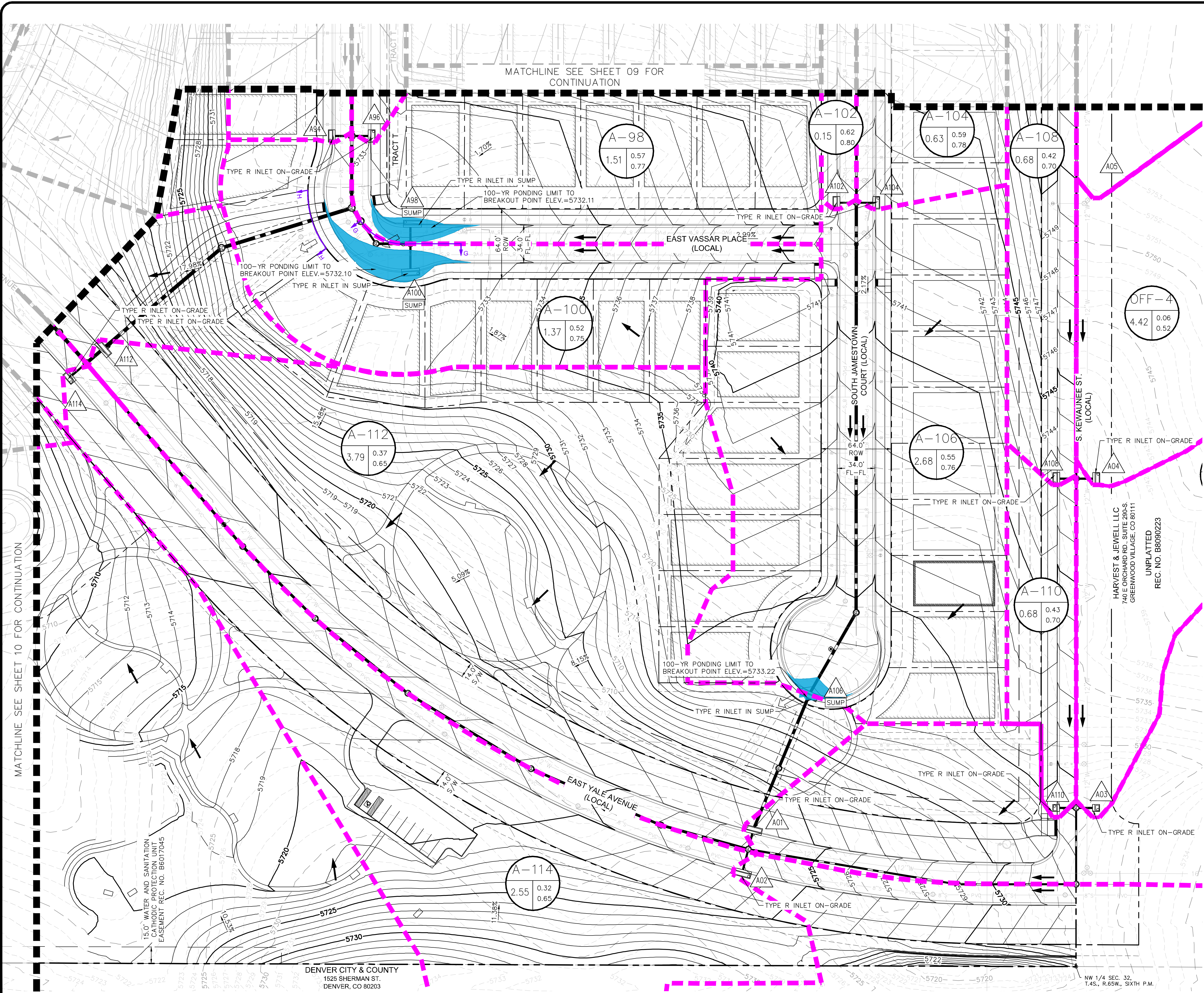
PRELIMINARY DRAINAGE PLAN
HARVEST CROSSING FILING NO. 3
AURORA, COLORADO

ISSUE RECORD

SITE PLAN	22 MAR 2024

PROJECT INFORMATION

PROJECT #:	196284001
DRAWN BY:	JBP/SMO
CHECKED BY:	KJM



PROPOSED DRAINAGE LEGEND

	# = BASIN DESIGNATION AC = AREA IN ACRES C2 = 2-YR RUNOFF COEFFICIENT C100 = 100-YR RUNOFF COEFFICIENT
	# = DESIGN POINT
	PROPOSED BASIN BOUNDARY
	PROPOSED FLOW ARROW
	EMERGENCY OVERFLOW ARROW
	MAX SUMP INLET PONDING
	EMERGENCY OVERFLOW CROSS-SECTION
	PROP. PUBLIC STORM DRAIN
	PROP. PRIVATE STORM DRAIN
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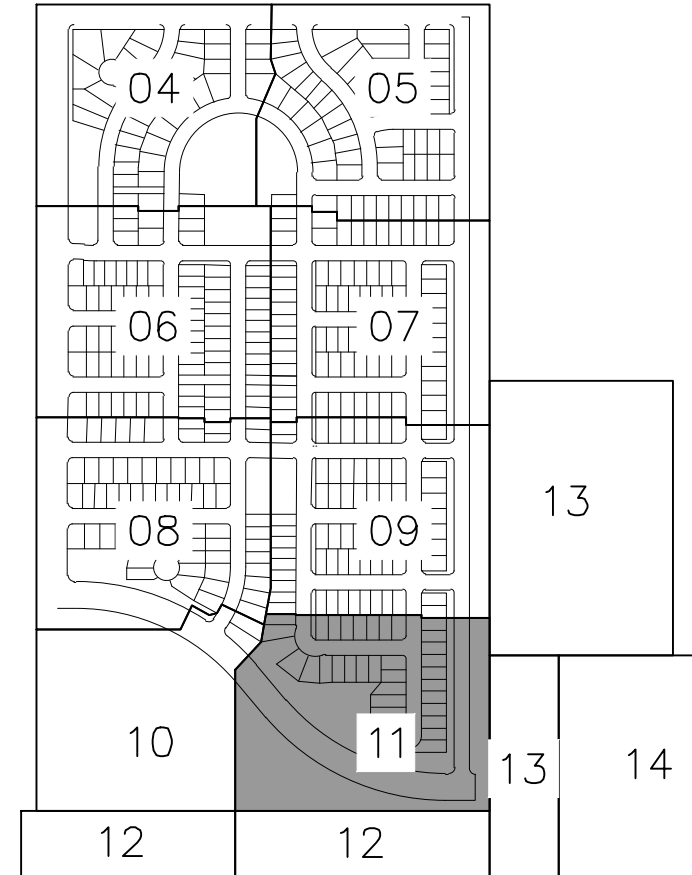
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MATCHLINE SEE SHEET 10 FOR CONTINUATION

MATCHLINE SEE SHEET 09 FOR CONTINUATION

15.0' WATER AND SANITATION CATHODIC PROTECTION UNIT EASEMENT REC. NO. B607045

DENVER CITY & COUNTY
1525 SHERMAN ST.
DENVER, CO 80203

HARVEST & JEWELL LLC
740 E ORCHARD RD., SUITE 280-S
GREENWOOD VILLAGE, CO 80111
UNPLATTED
REC. NO. B8090223

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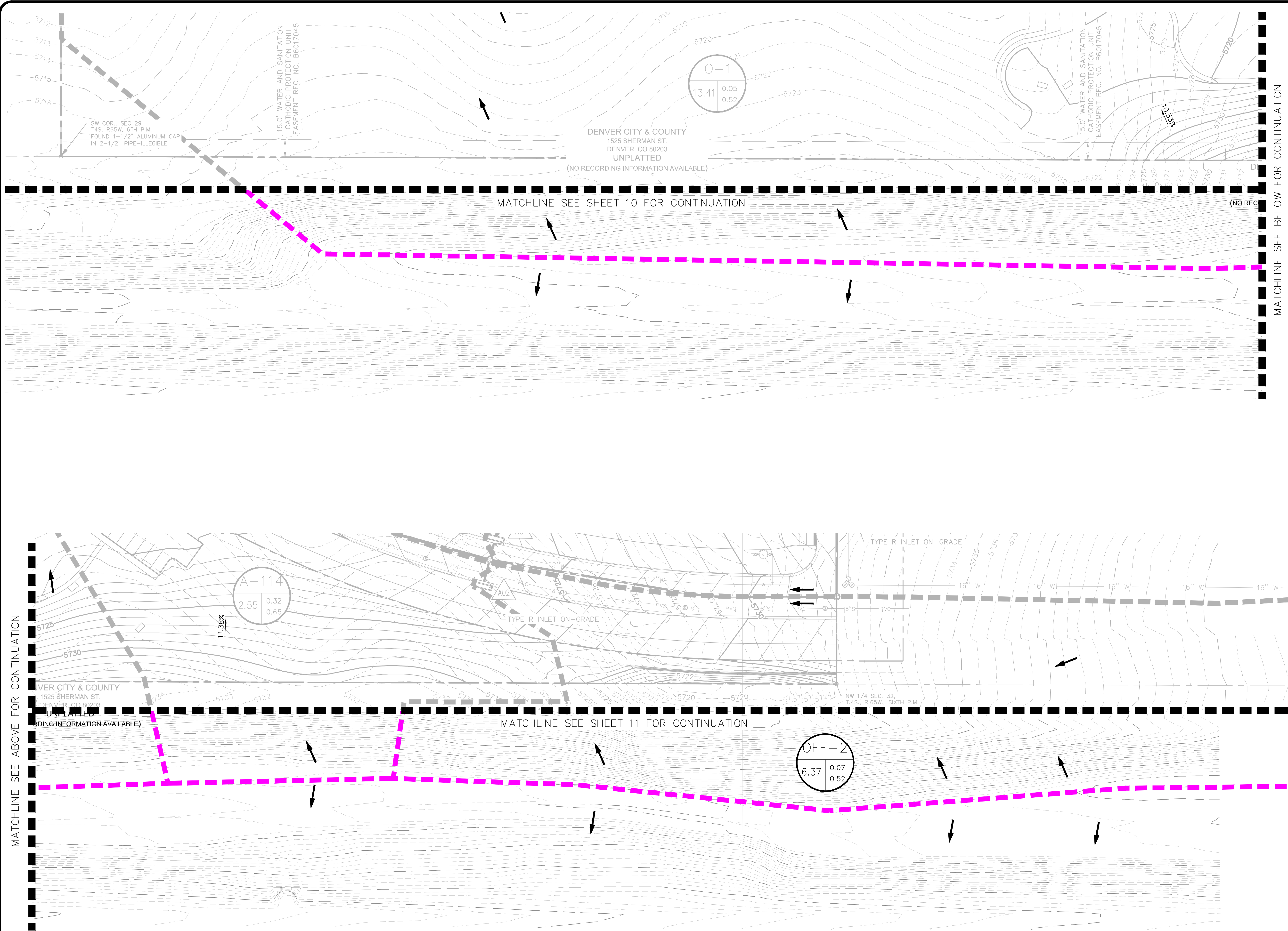
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PRELIMINARY DRAINAGE PLAN
HARVEST CROSSING FILING NO. 3
AURORA, COLORADO

ISSUE RECORD
SITE PLAN 22 MAR 2024

PROJECT #:	19628-001
DRAWN BY:	JBP/MSD
CHECKED BY:	KJM

PROJECT INFORMATION
PRELIMINARY DRAINAGE PLAN
11
11 OF 17



PROPOSED DRAINAGE LEGEND

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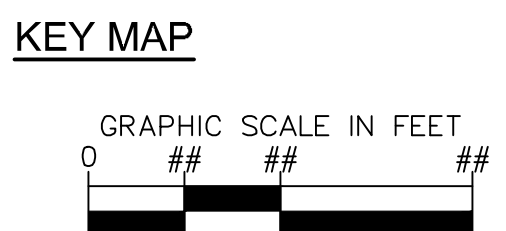
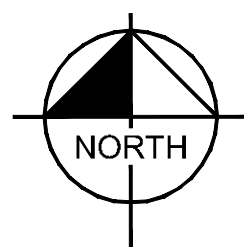
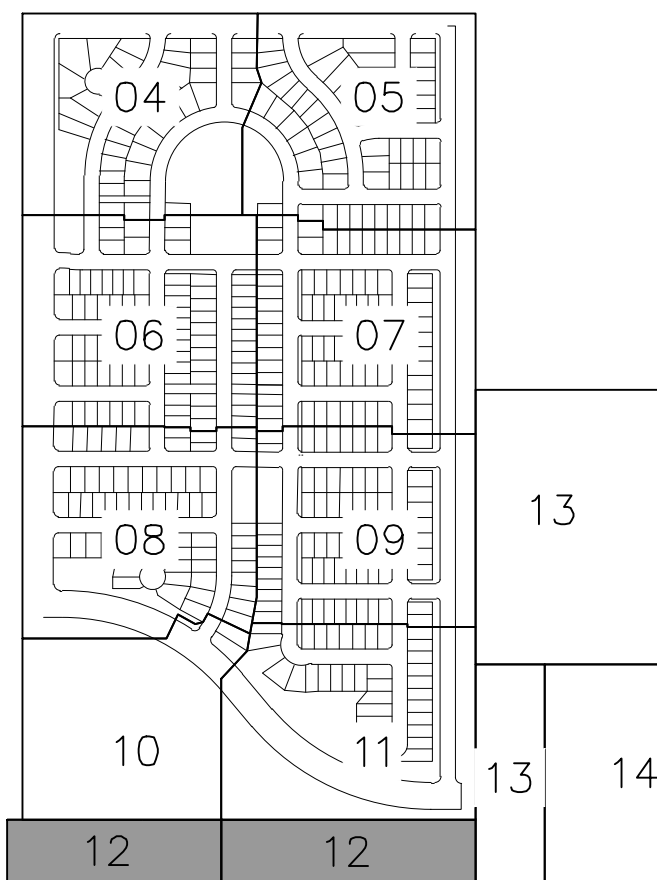
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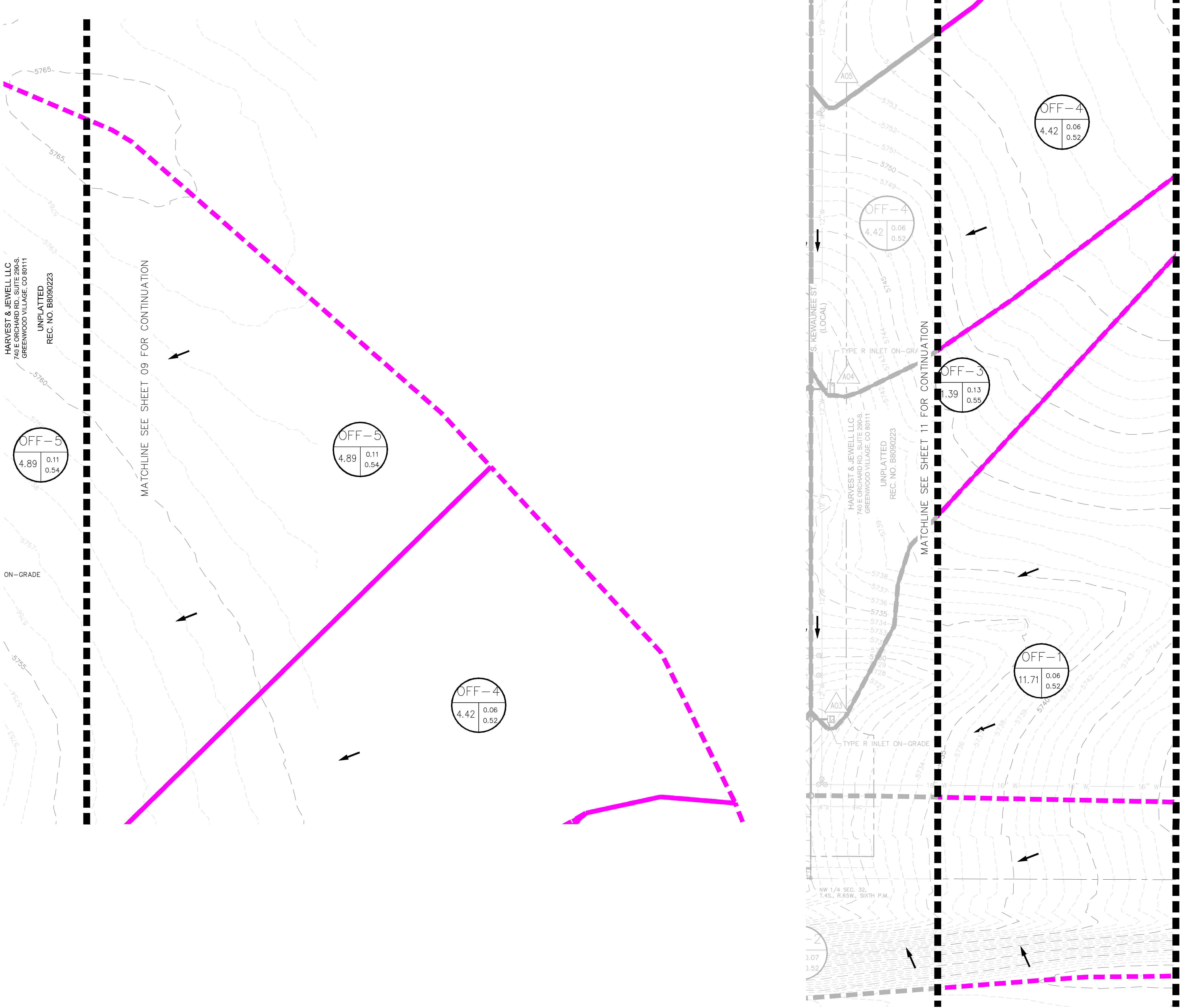
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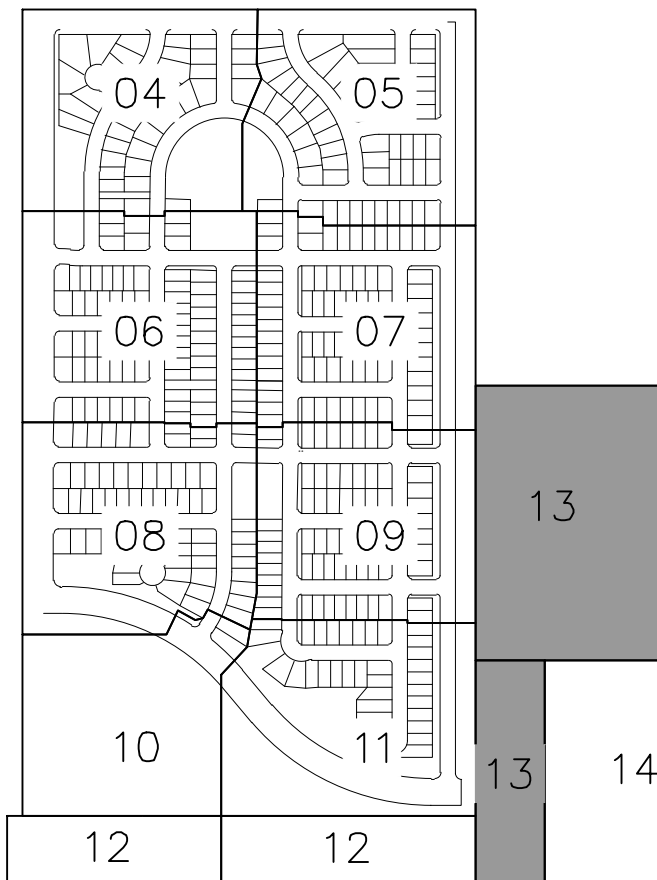
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KEY MAP

GRAPHIC SCALE IN FEET
0 10 20 30 40 50 60 70 80 90 100

OWNER / CLIENT

JEN 20 COLORADO, LLC
C/O. INTEGRITY LAND VENTURES
CENTENNIAL CO 8012
JERRY@INTEGRITYLANDVENTURES.COM

PLANNER / LA

PLANWEST
767 SANTA FE DRIVE
DENVER, CO 80204
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PRELIMINARY DRAINAGE PLAN

HARVEST CROSSING FILING NO. 3

AURORA, COLORADO

ISSUE RECORD

ISSUE RECORD	21 MAR 2024
SITE PLAN	

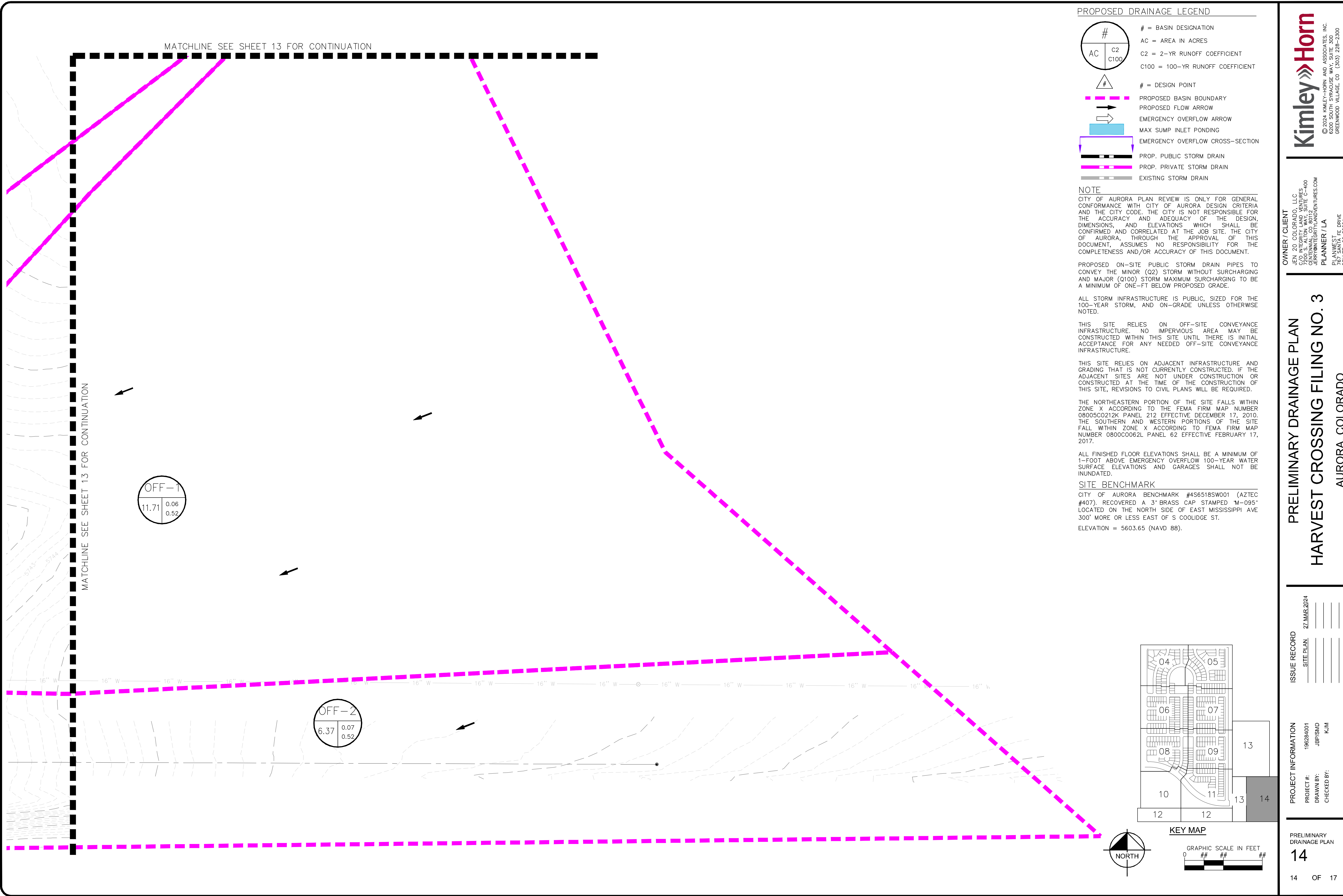
PROJECT INFORMATION

PROJECT #:	19628-001
DRAWN BY:	JBP/SMO
CHECKED BY:	KJM

PRELIMINARY DRAINAGE PLAN

13

13 OF 17



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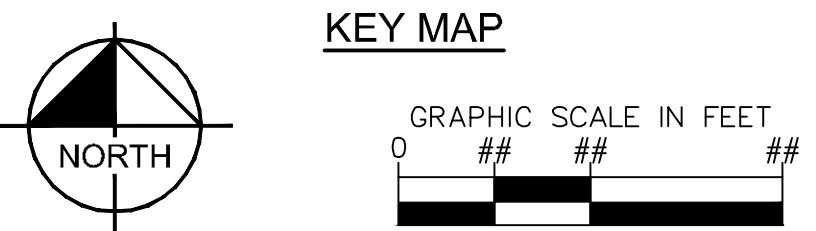
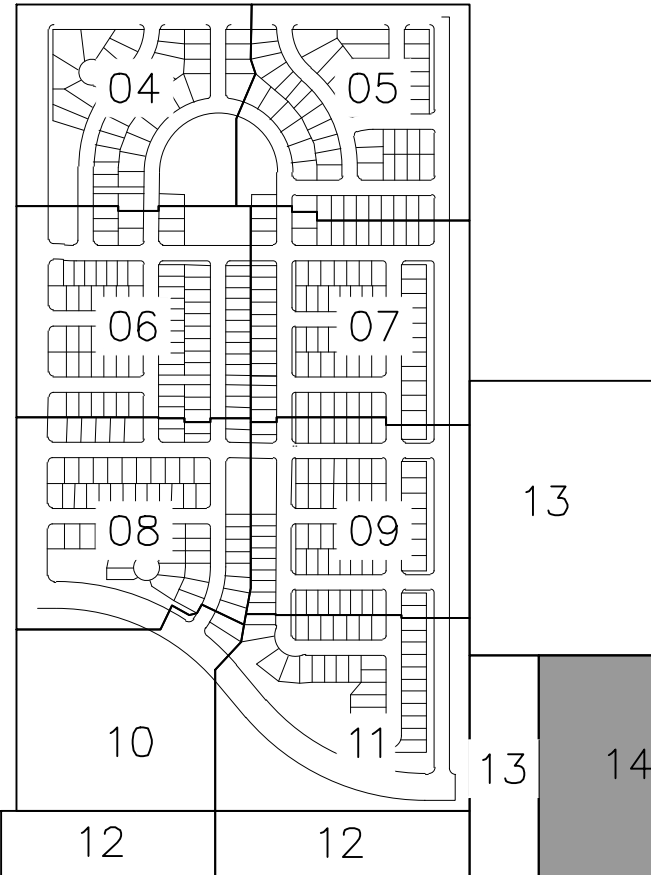
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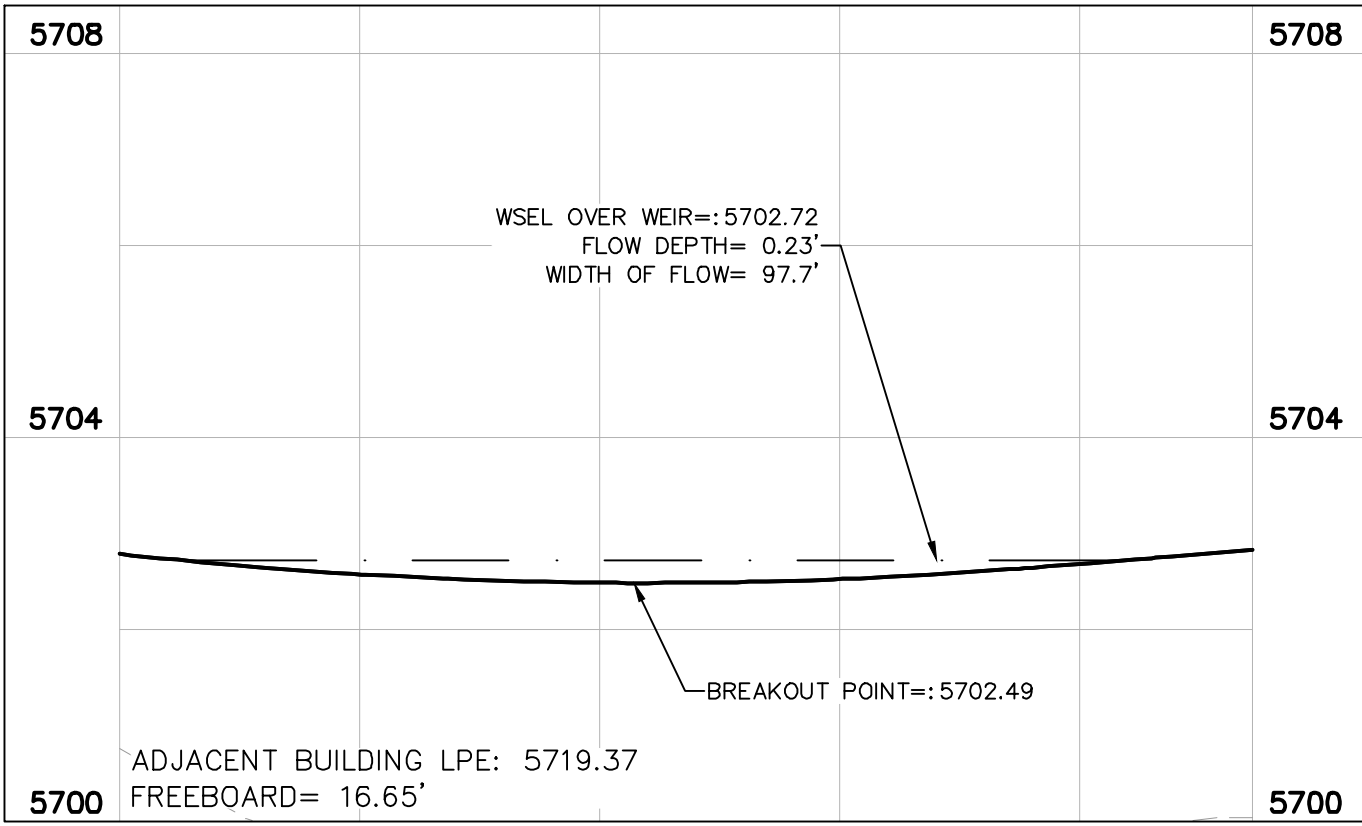
PRELIMINARY DRAINAGE PLAN
HARVEST CROSSING FILING NO. 3
AURORA, COLORADO

ISSUE RECORD
SITE PLAN 22 MAR 2024

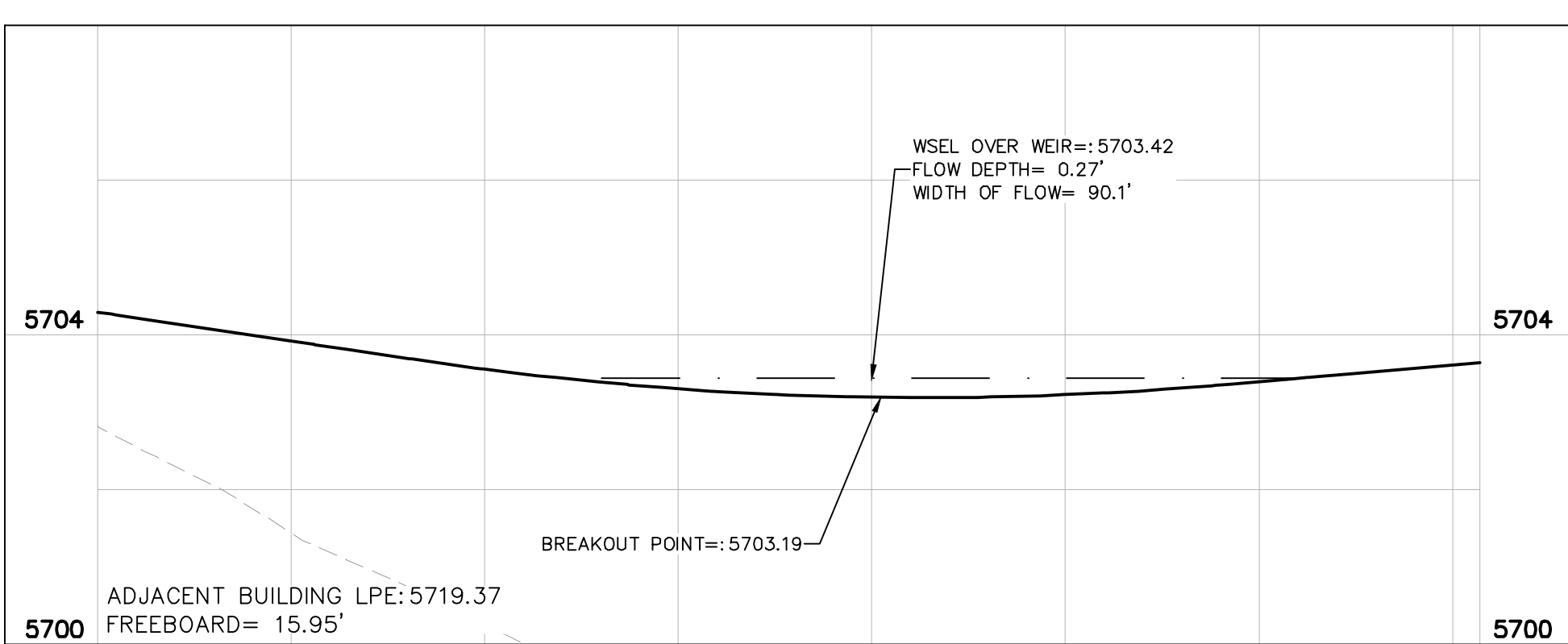
PROJECT INFORMATION
PROJECT #: 19628-001
DRAWN BY: JBP/SMD
CHECKED BY: KJM

PRELIMINARY DRAINAGE PLAN
14
14 OF 17

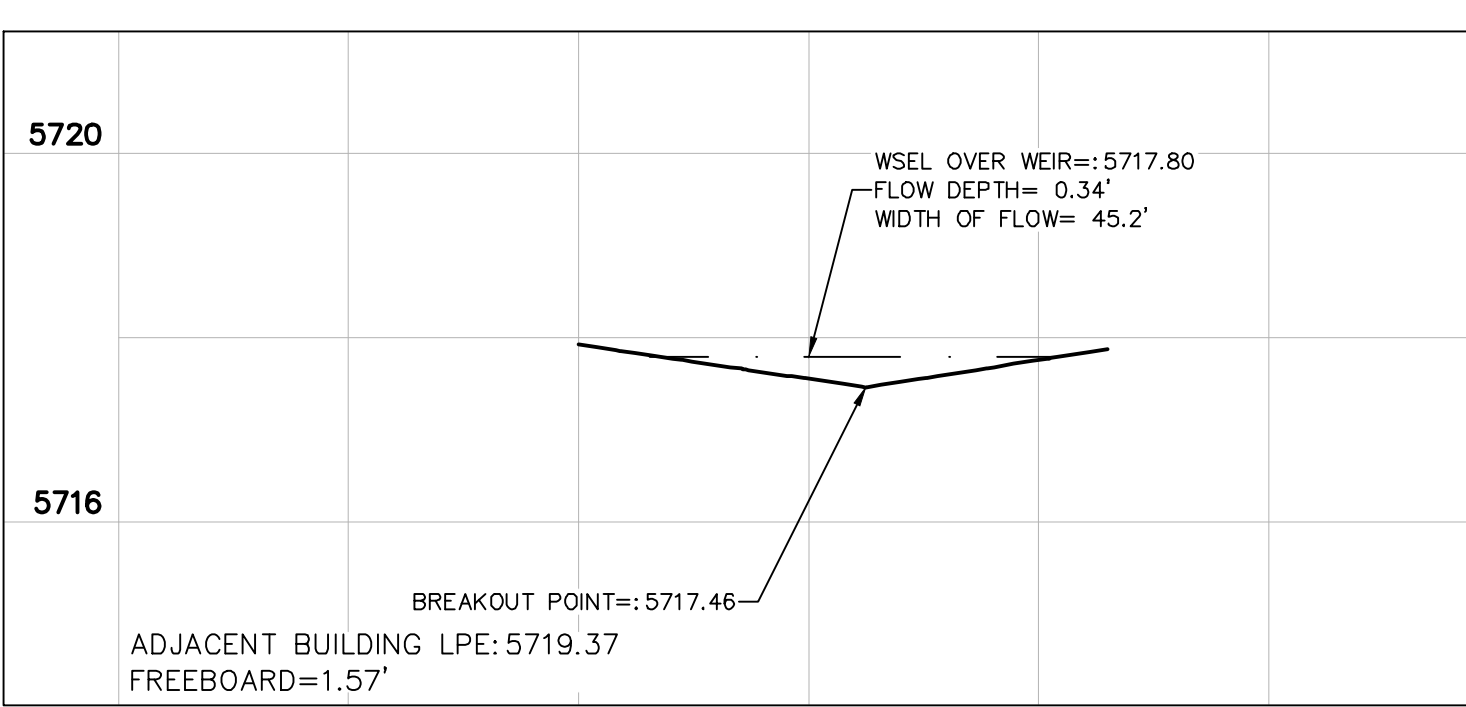
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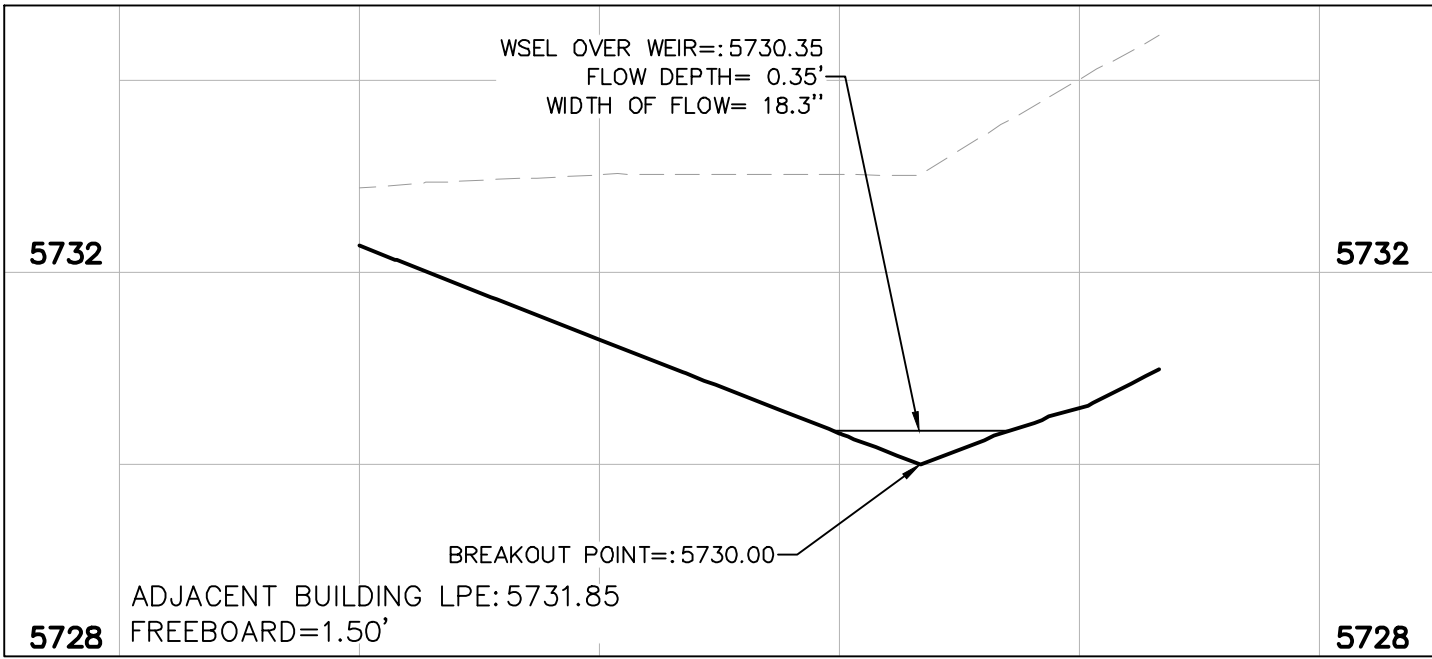
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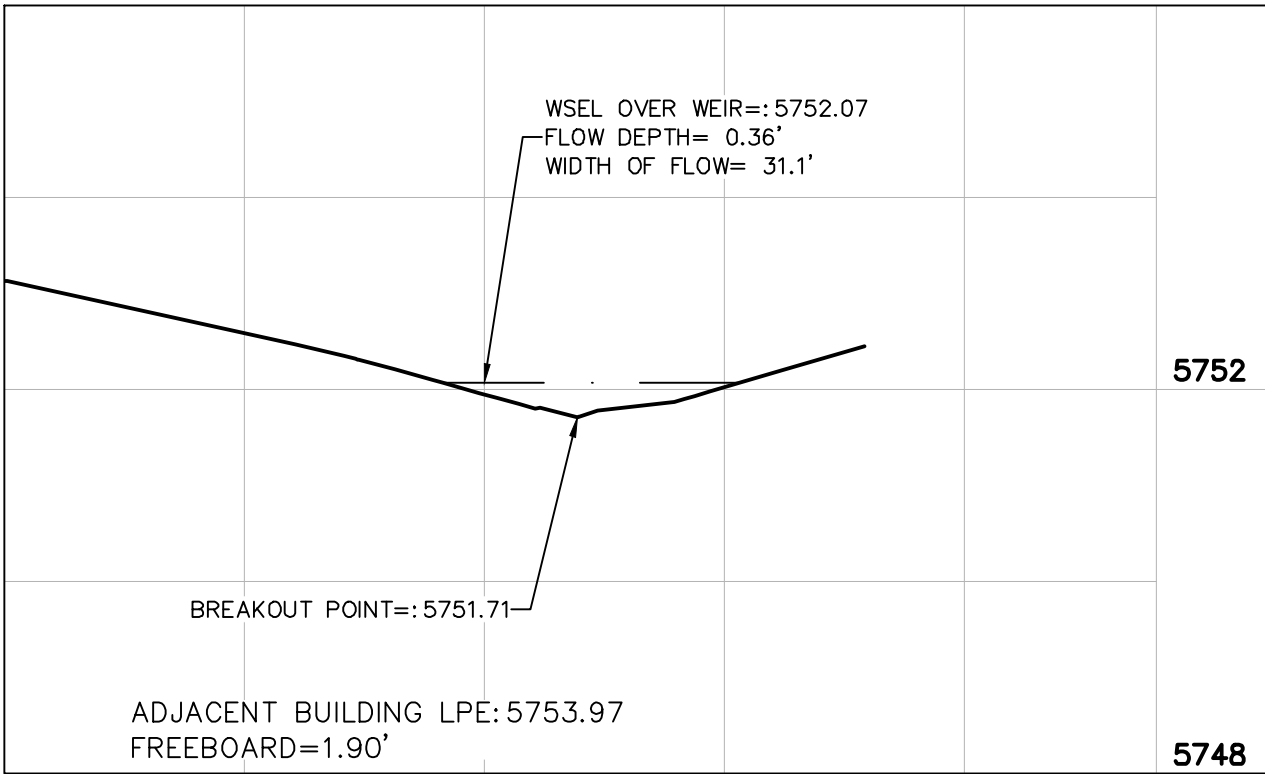
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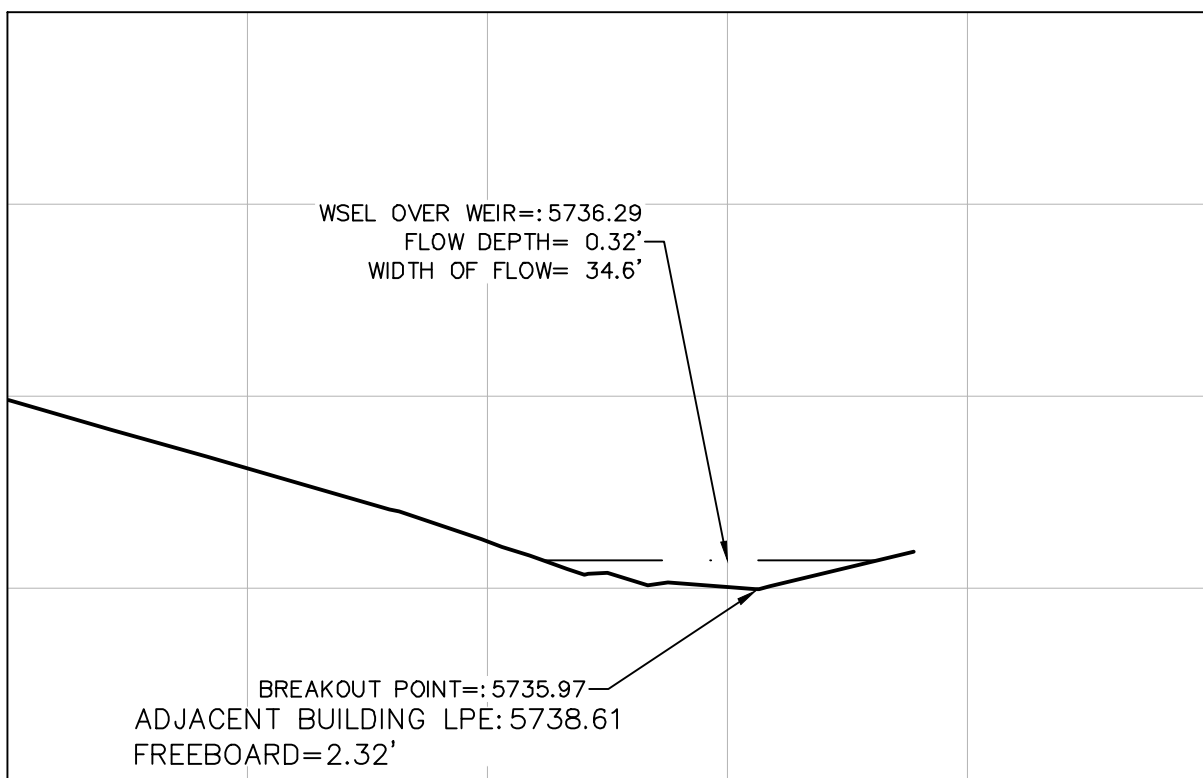
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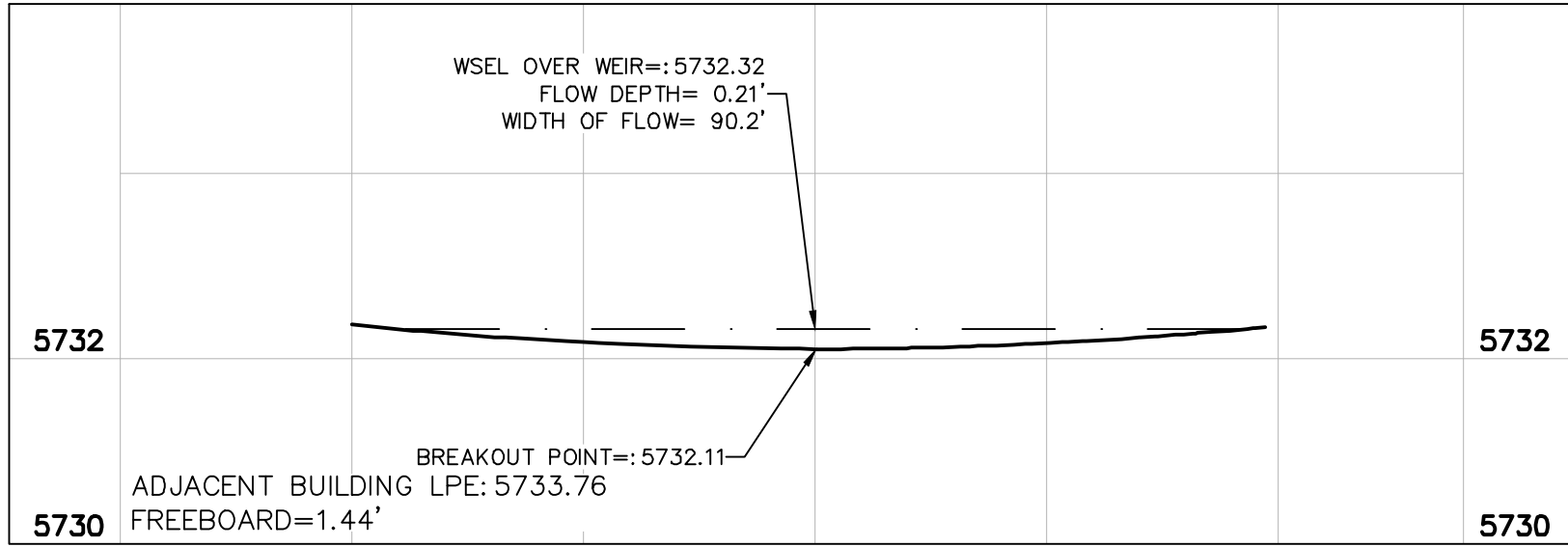
SECTION E-E EMERGENCY OVERFLOW A56 (Q=6.97 CFS)



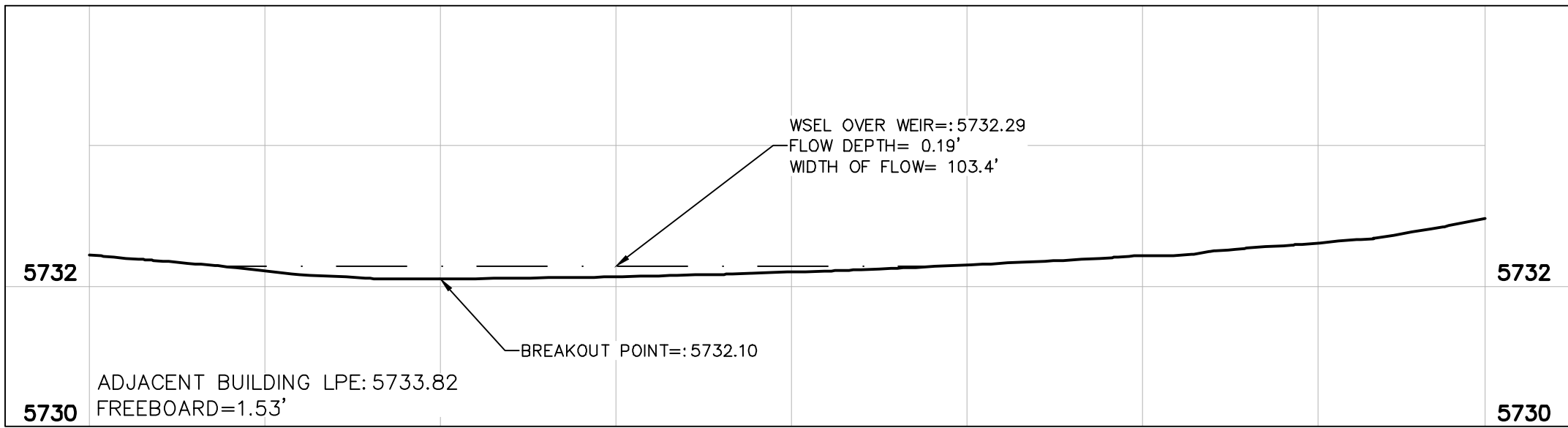
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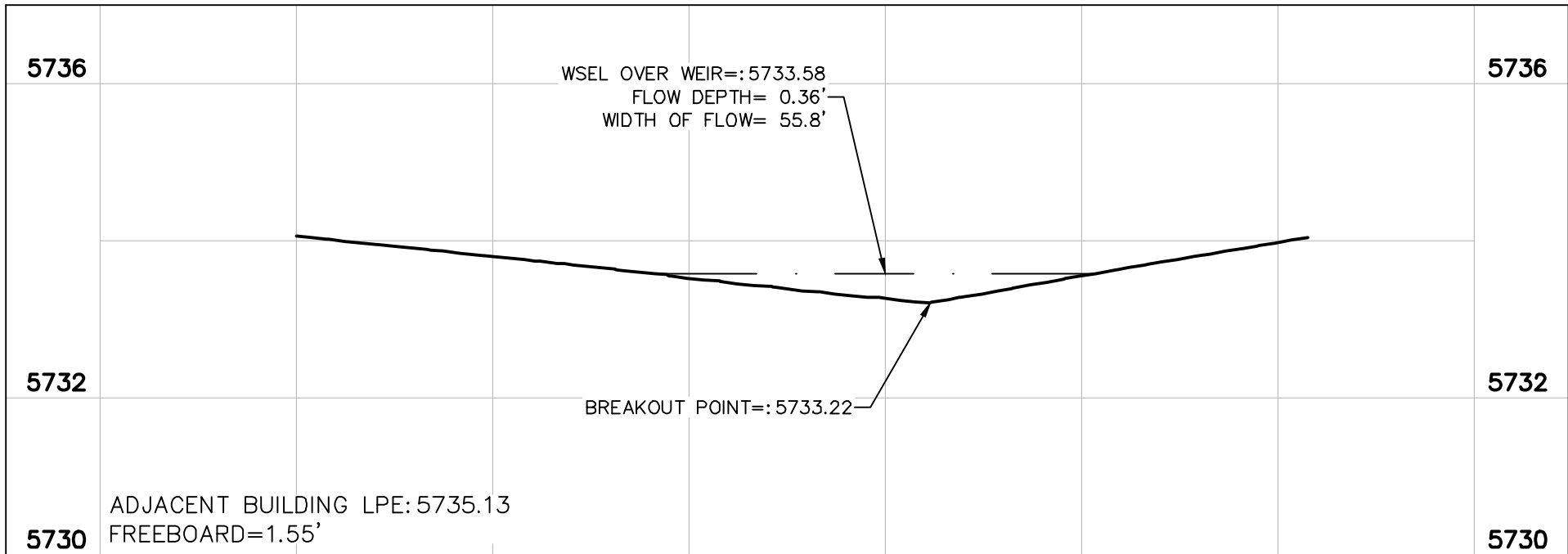
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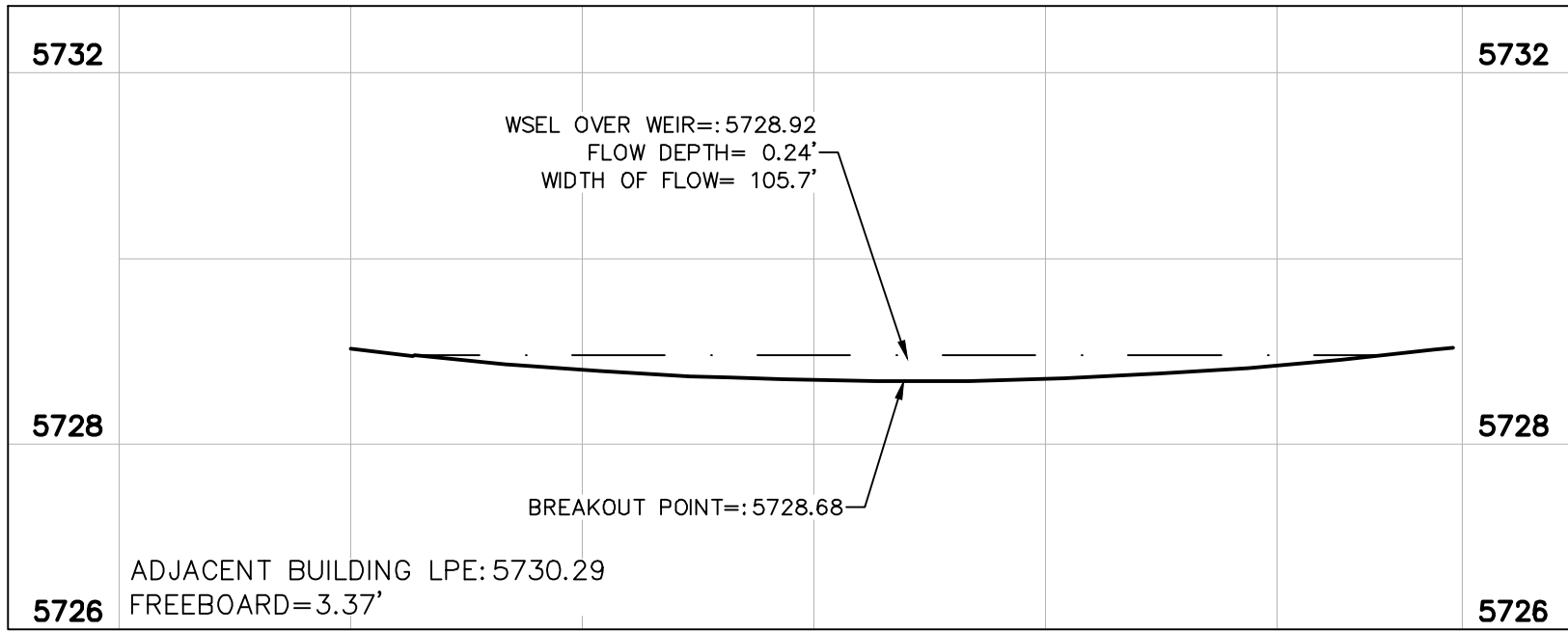
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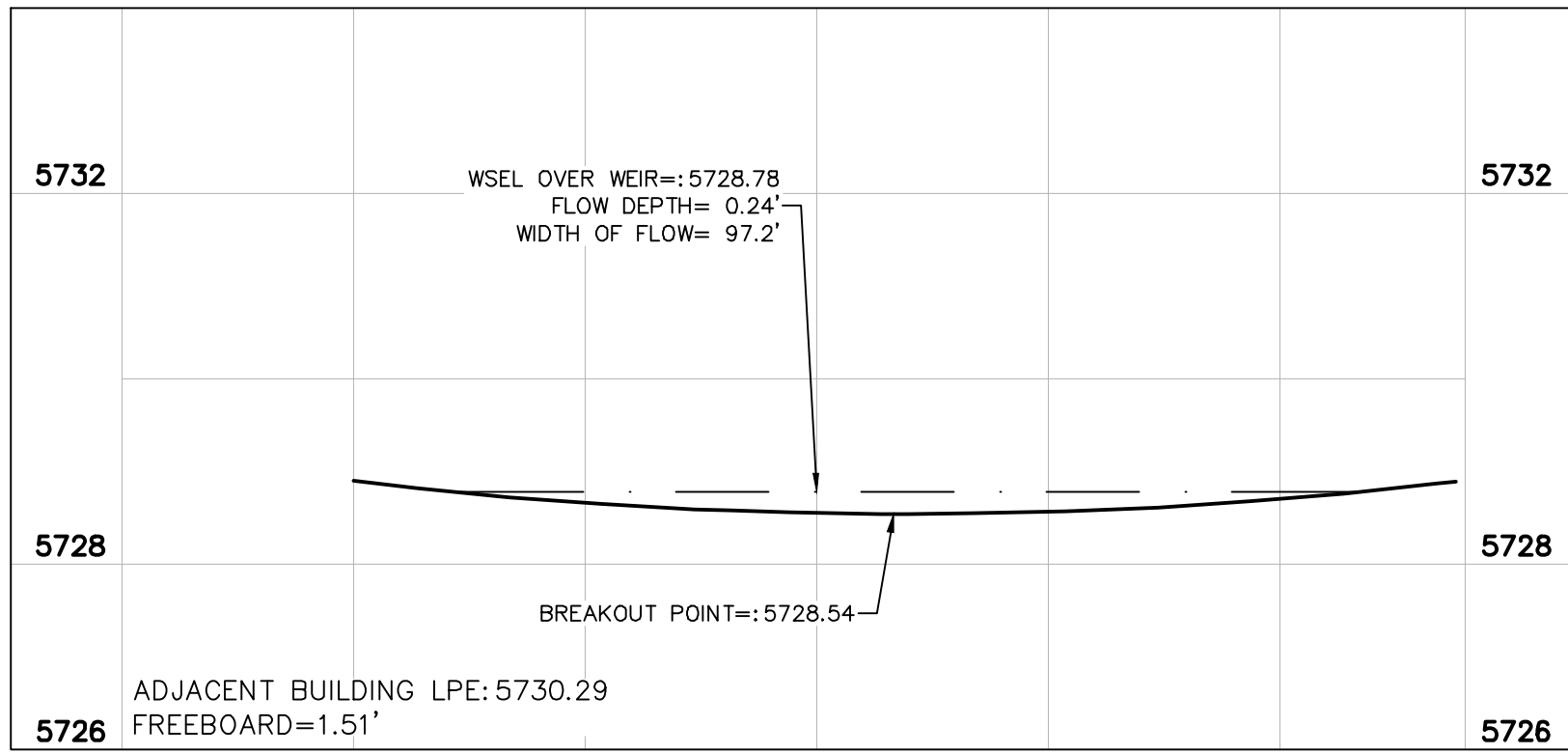
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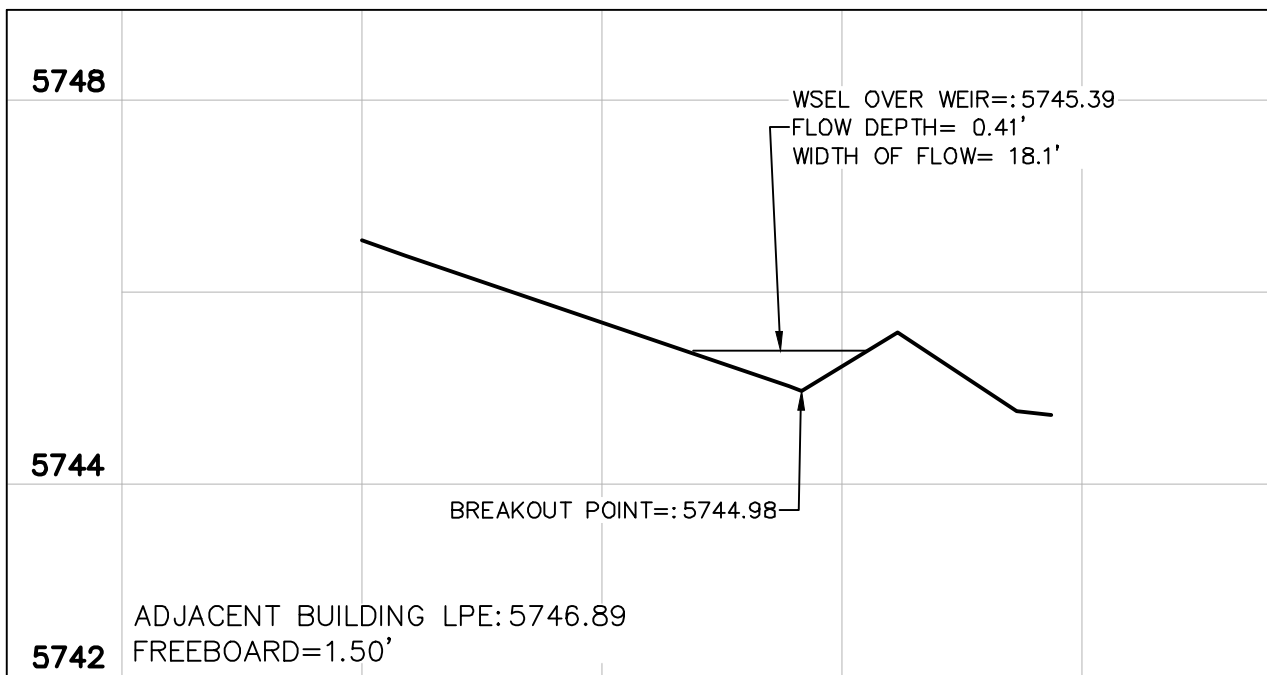
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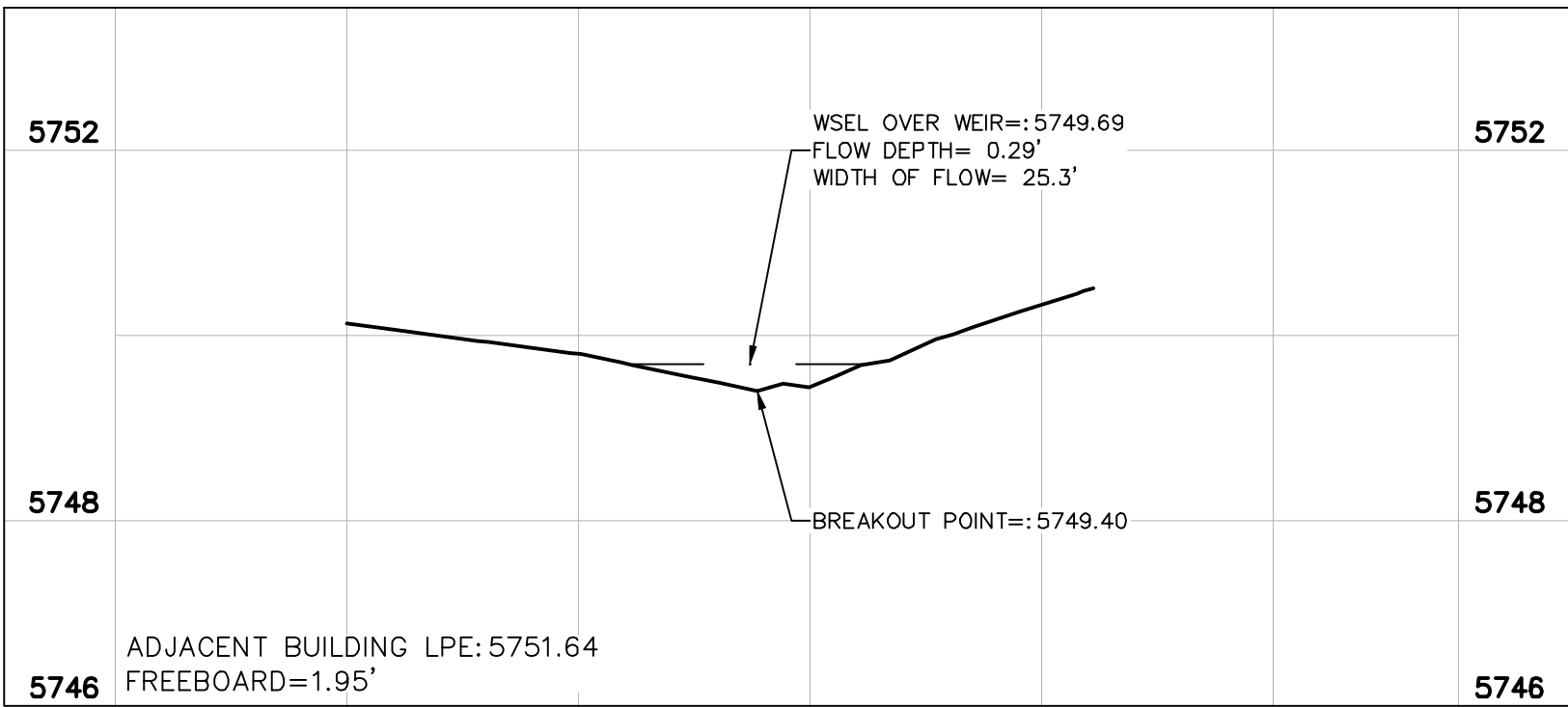
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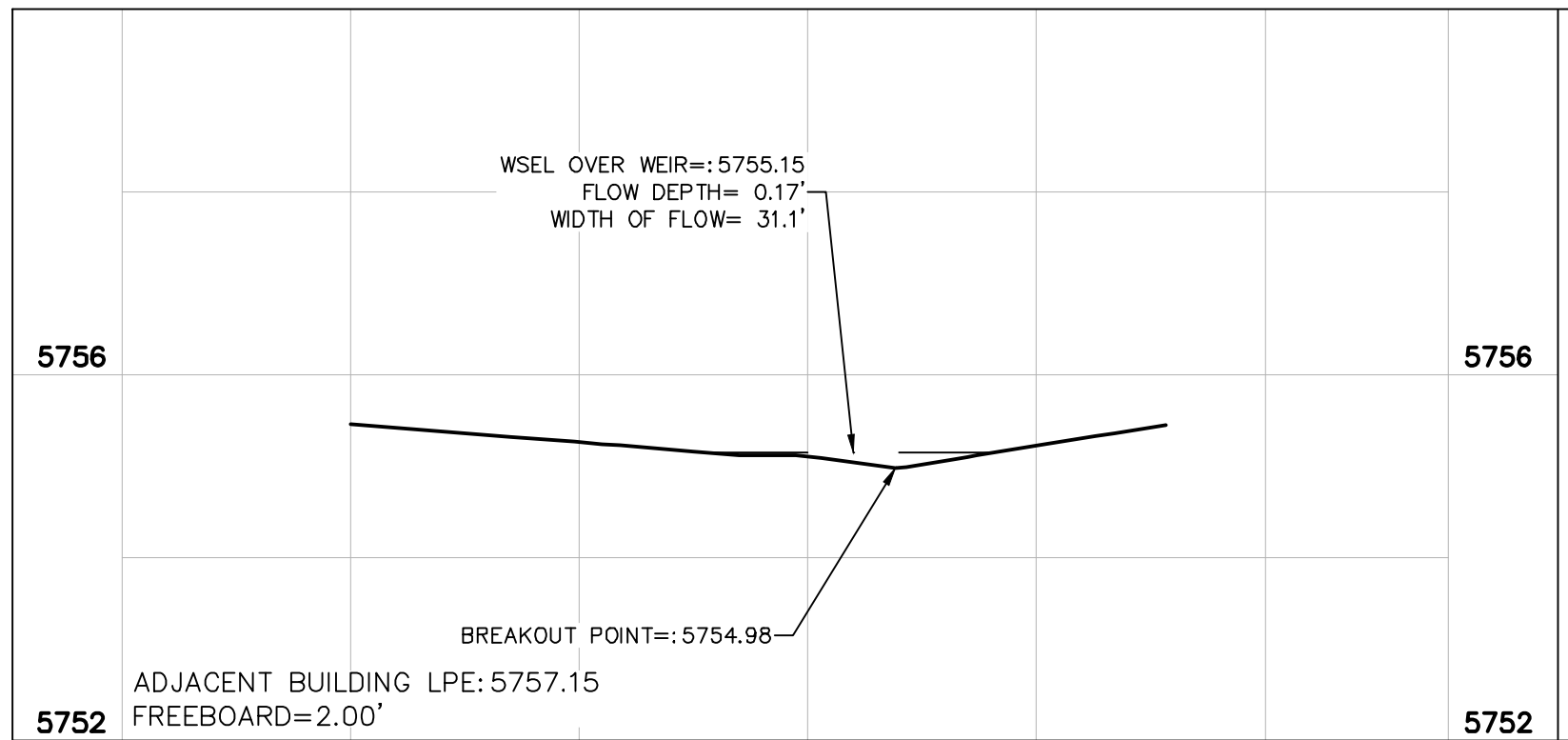
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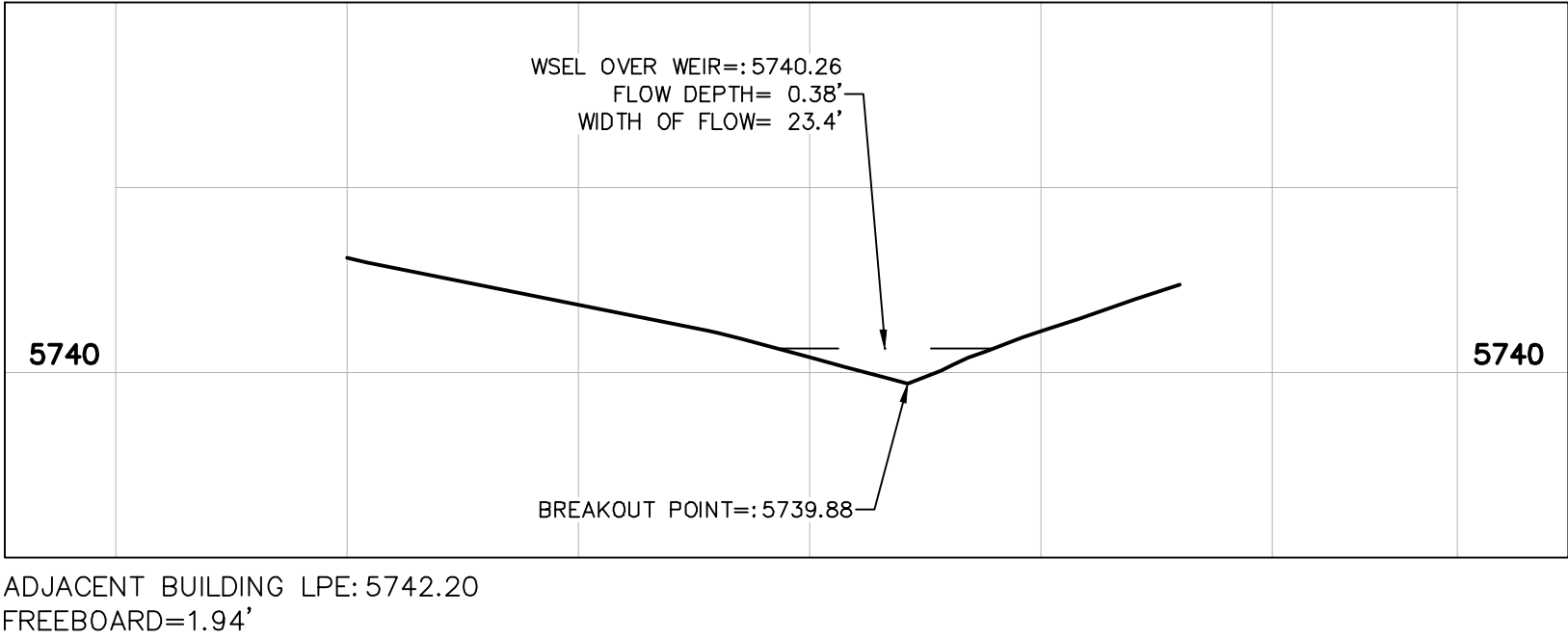
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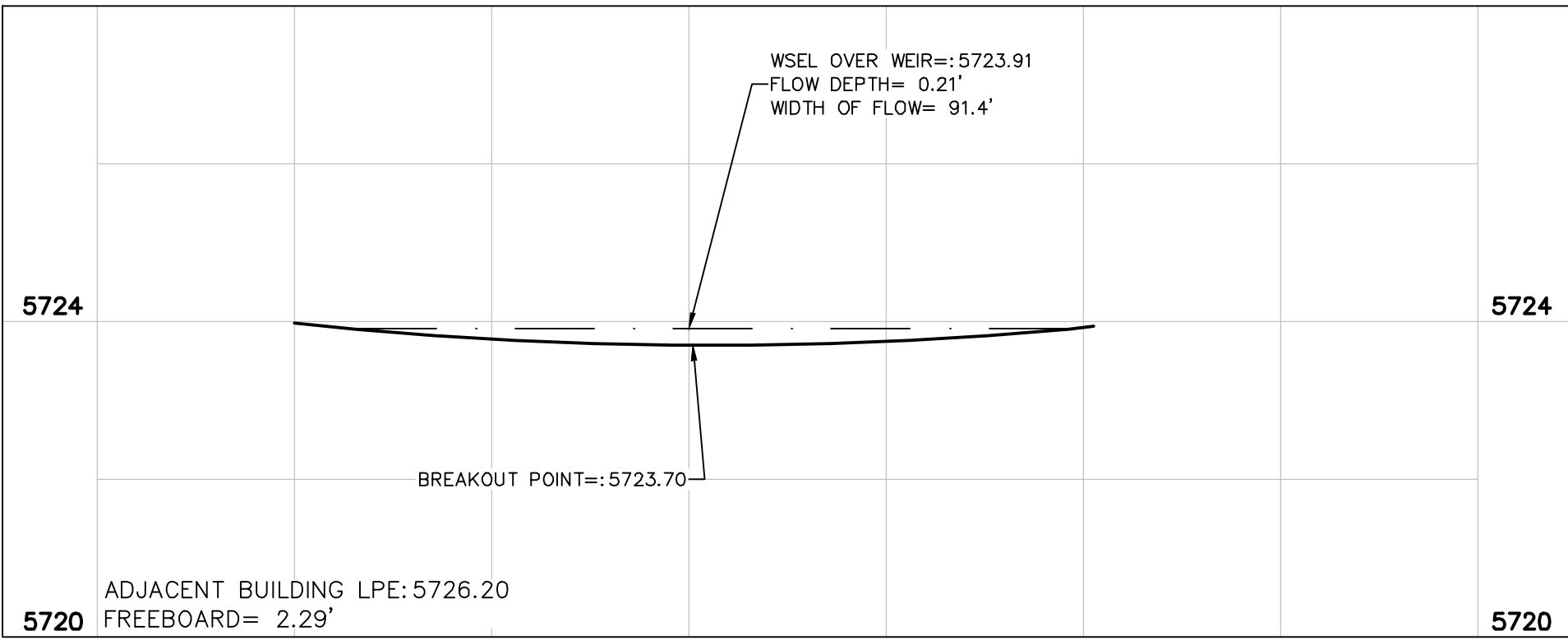
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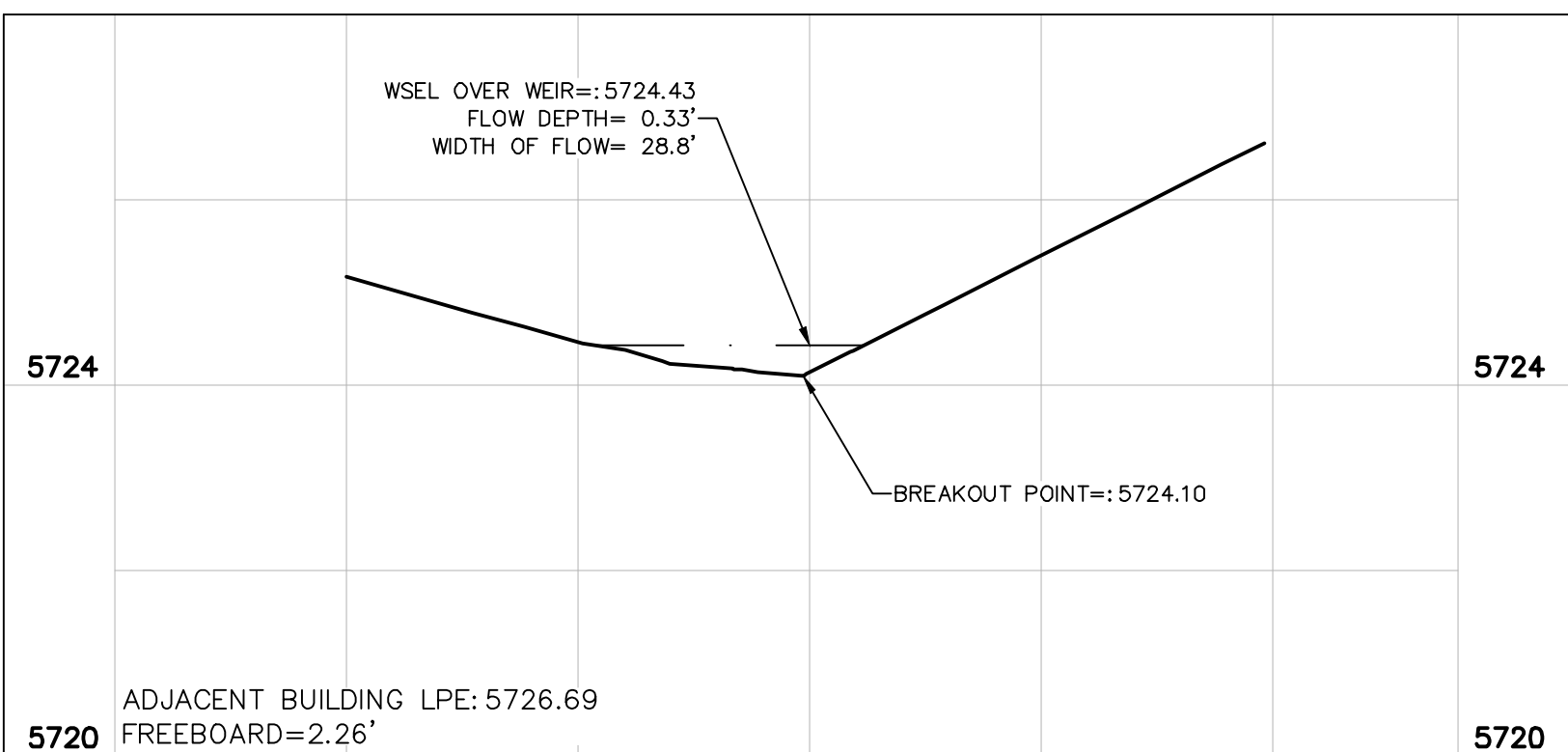
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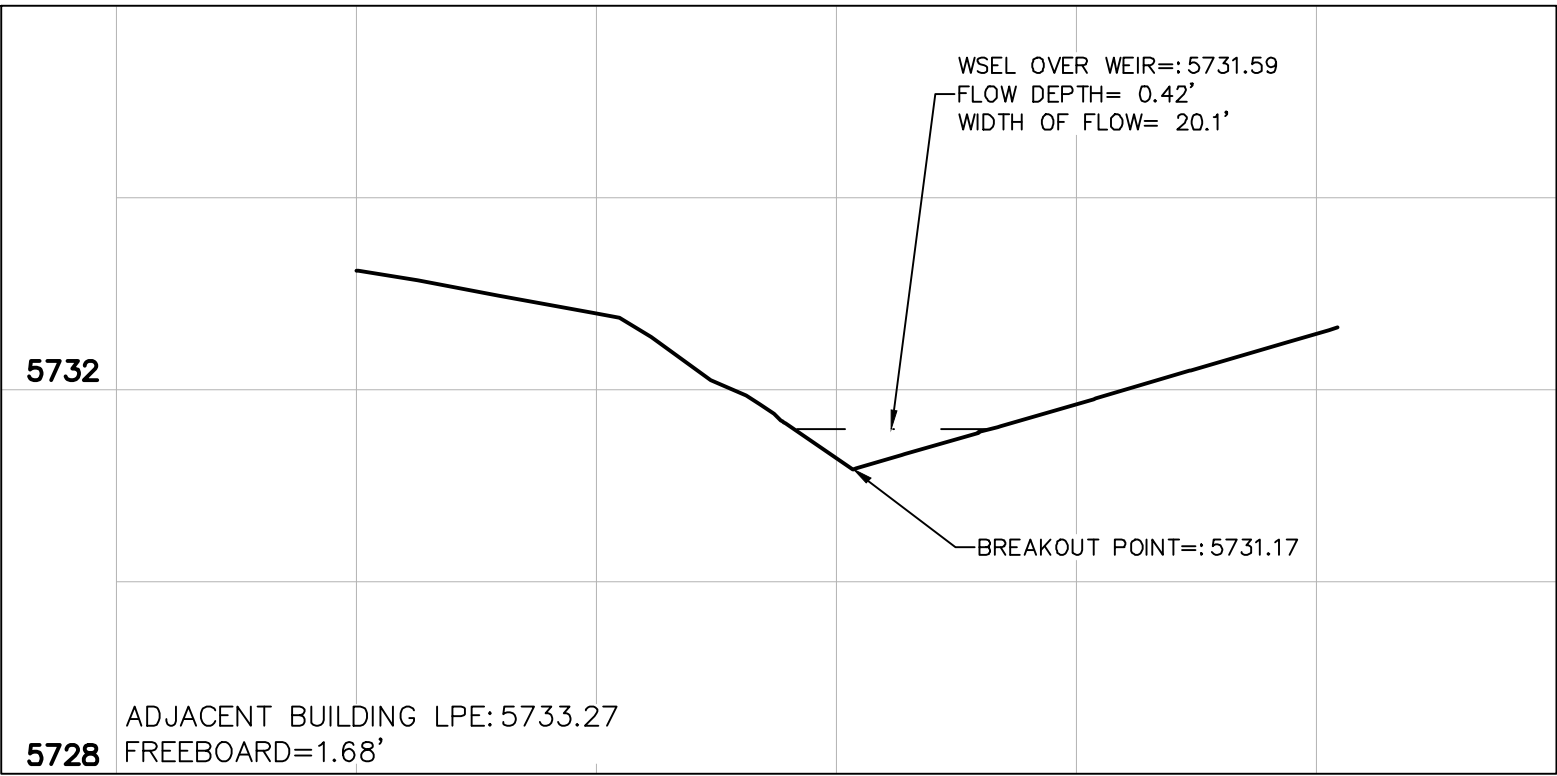
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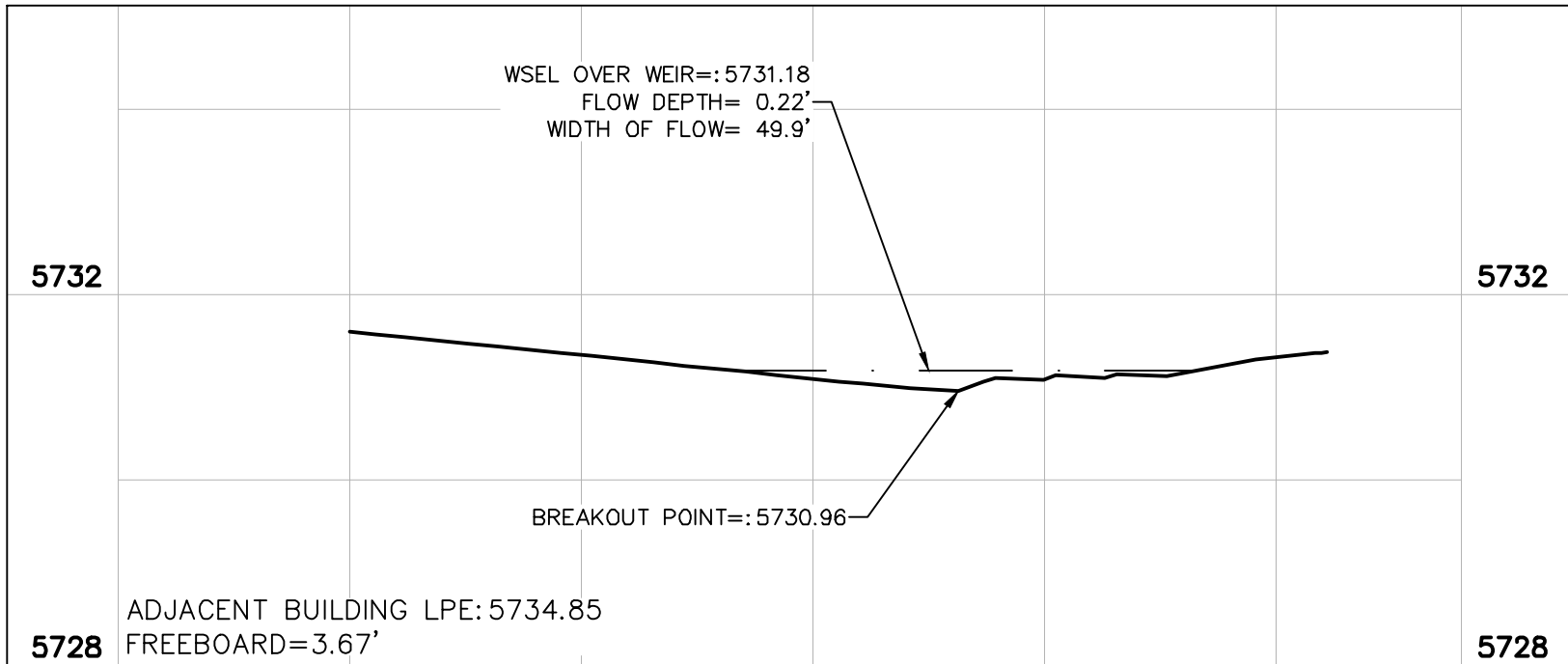
SECTION Q-Q EMERGENCY OVERFLOW B42 (Q=8.37 CFS)



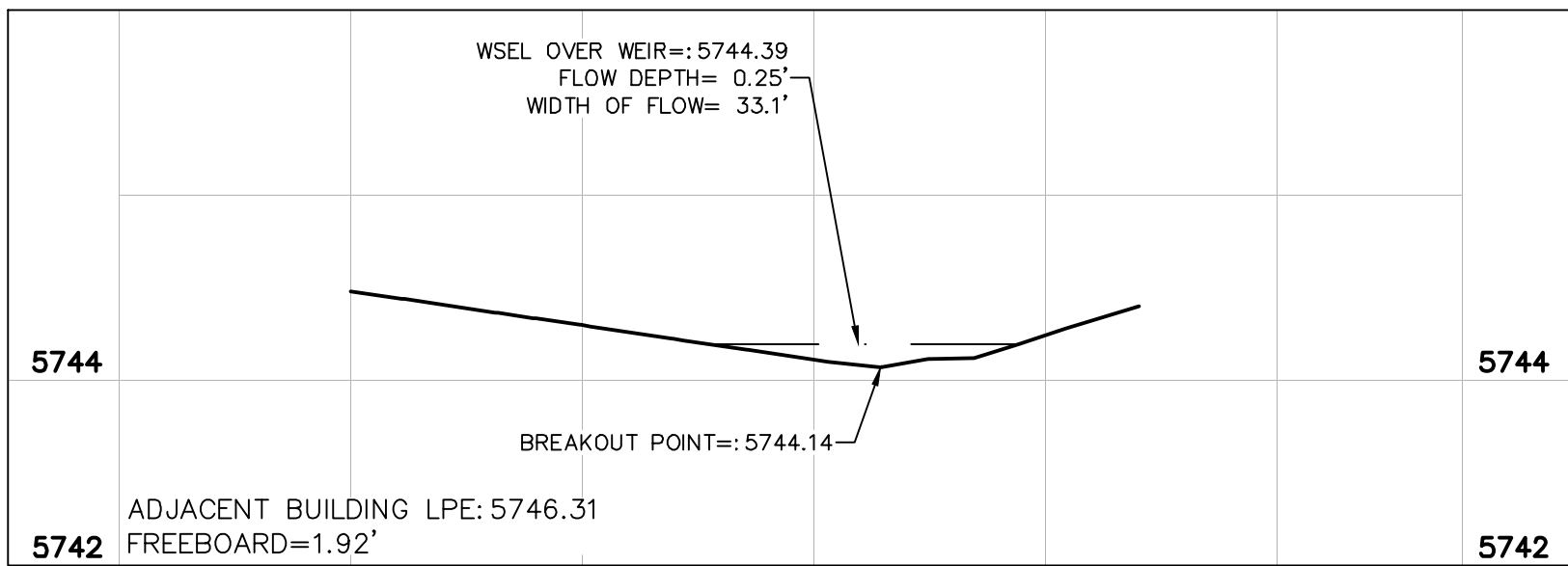
SECTION R-R EMERGENCY OVERFLOW B48 (Q=5.85 CFS)



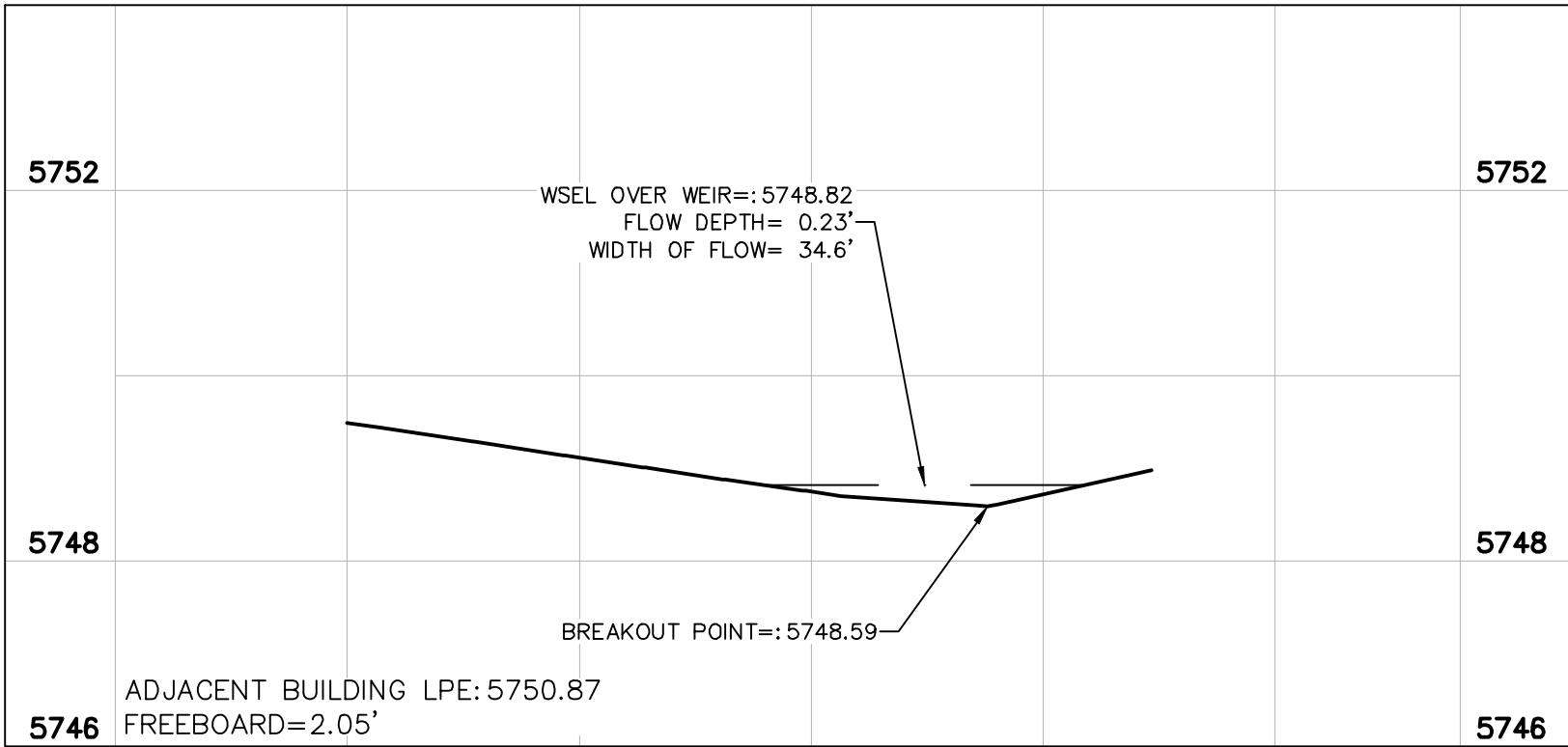
SECTION S-S EMERGENCY OVERFLOW C2 (Q=4.91 CFS)



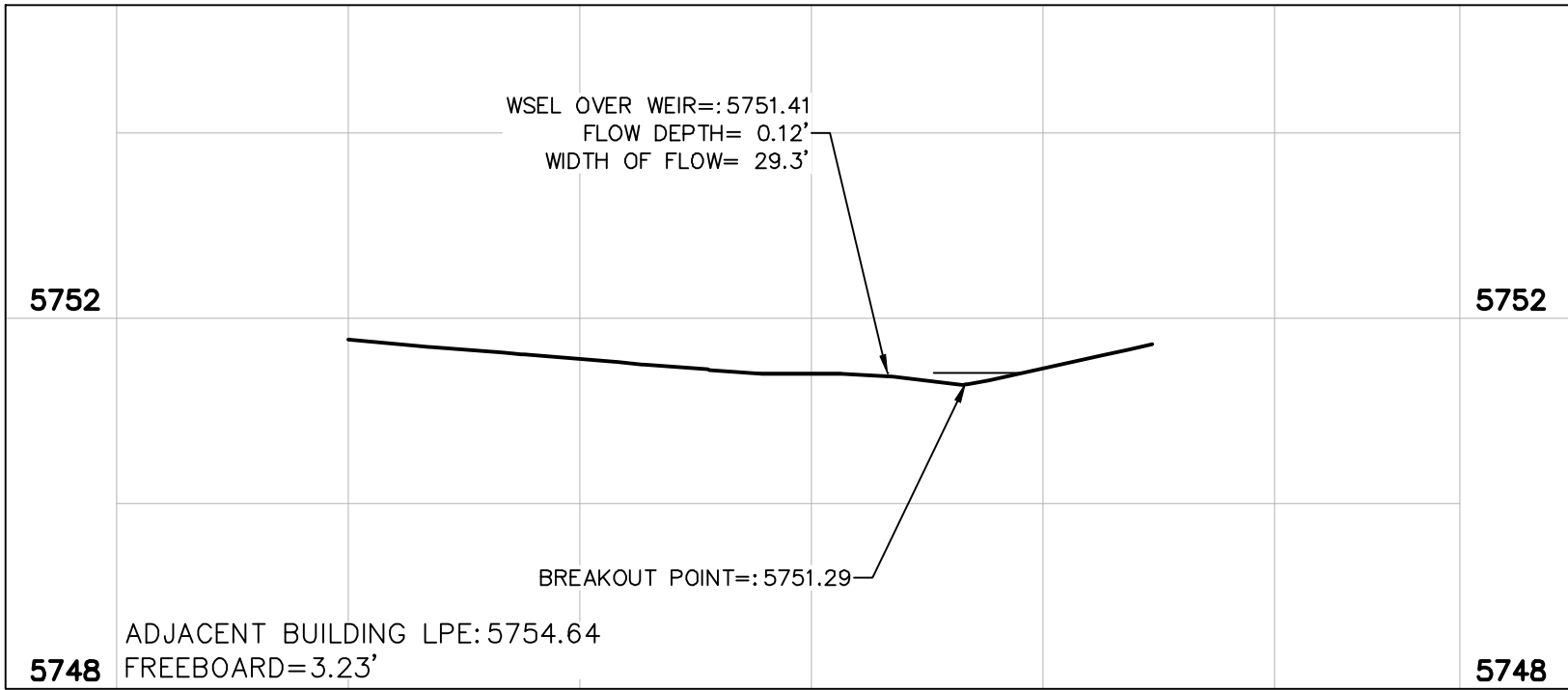
SECTION T-T EMERGENCY OVERFLOW C12 (Q=3.94 CFS)



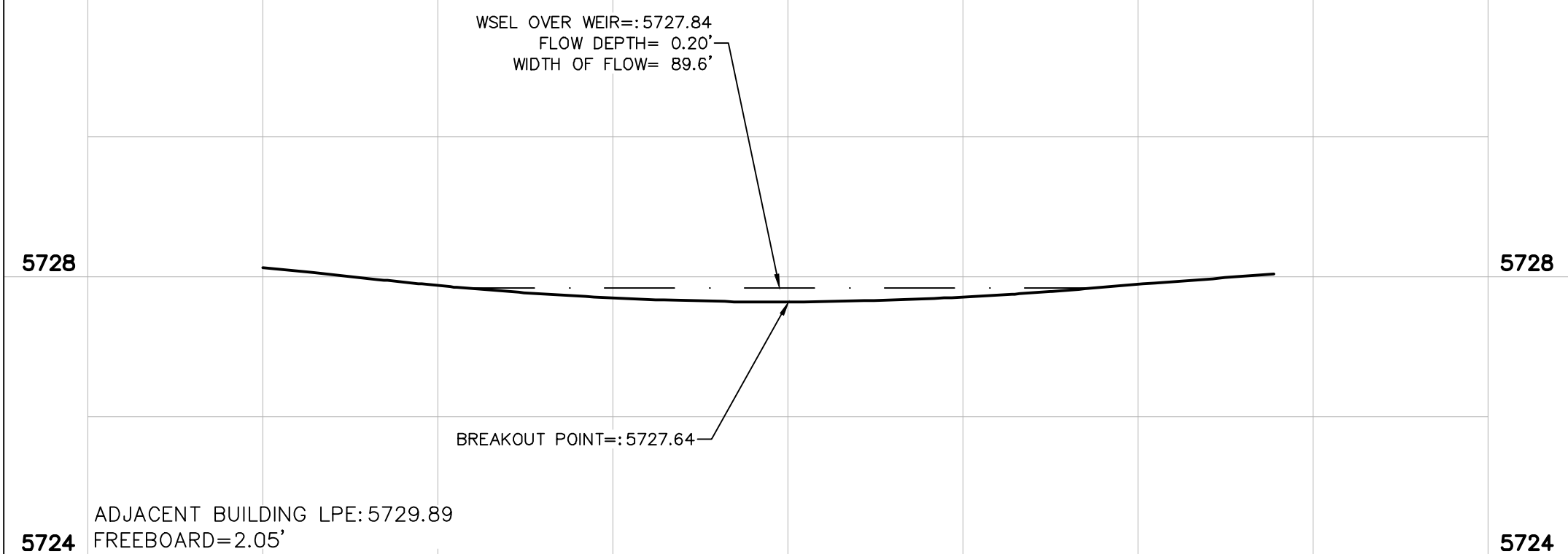
SECTION U-U EMERGENCY OVERFLOW C18 (Q=5.15 CFS)



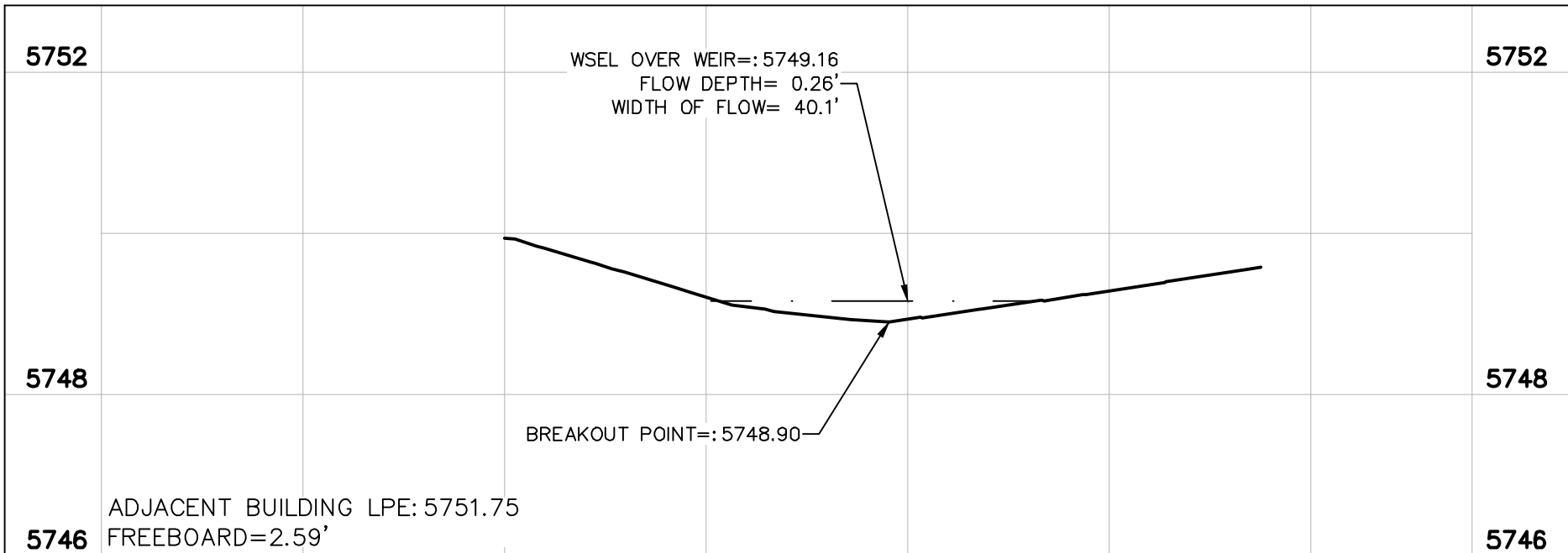
SECTION V-V EMERGENCY OVERFLOW C24 (Q=1.42 CFS)



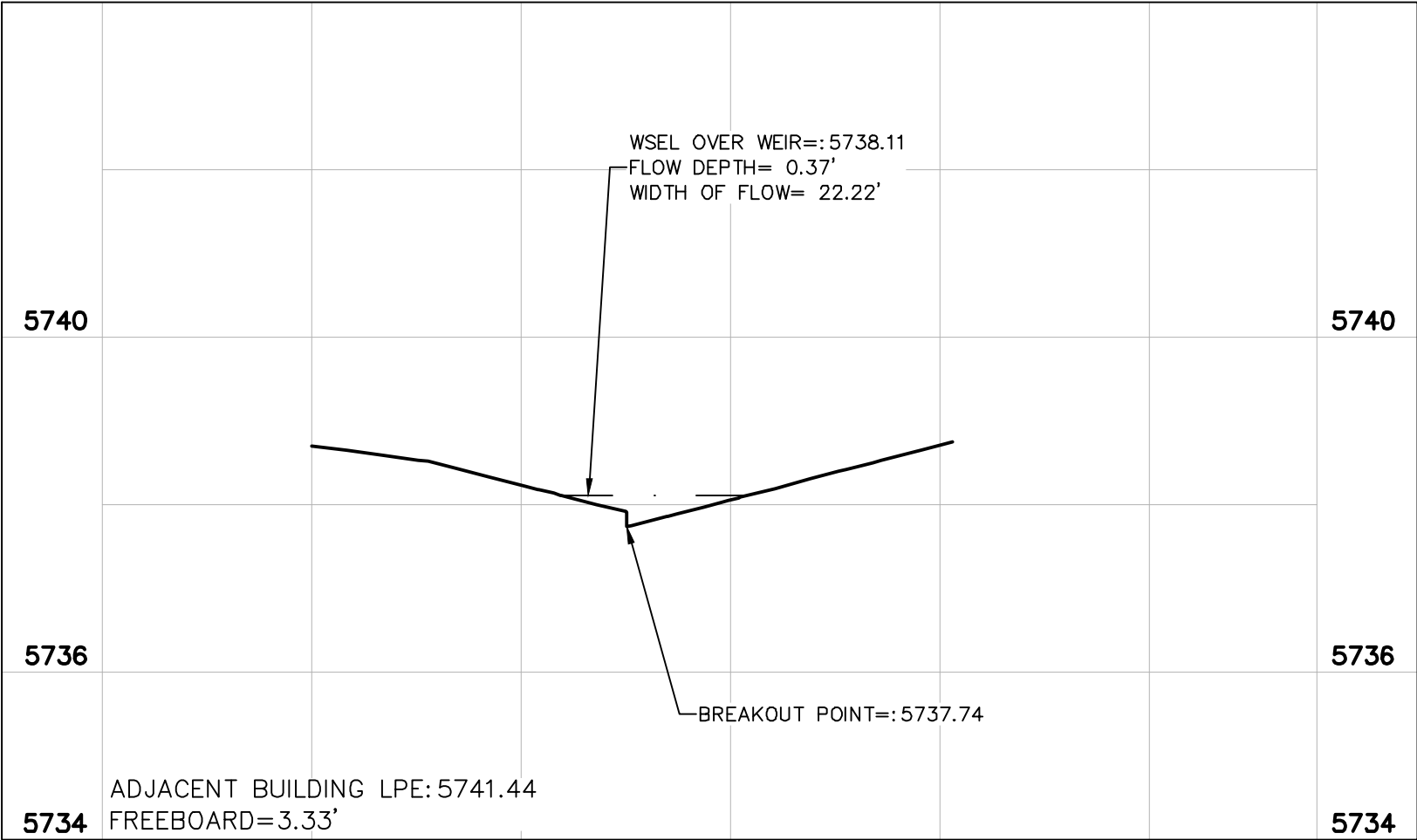
SECTION W-W EMERGENCY OVERFLOW D2 (Q=7.07 CFS)



SECTION X-X EMERGENCY OVERFLOW D18 (Q=4.18 CFS)



SECTION Y-Y EMERGENCY OVERFLOW D28 (Q=7.07 CFS)

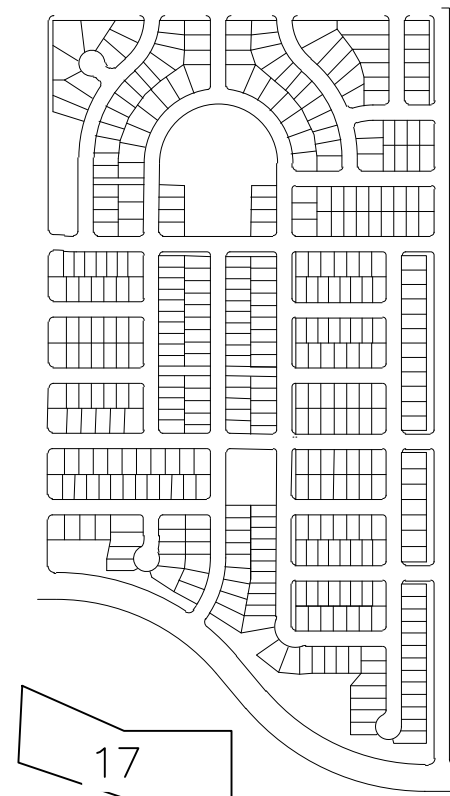
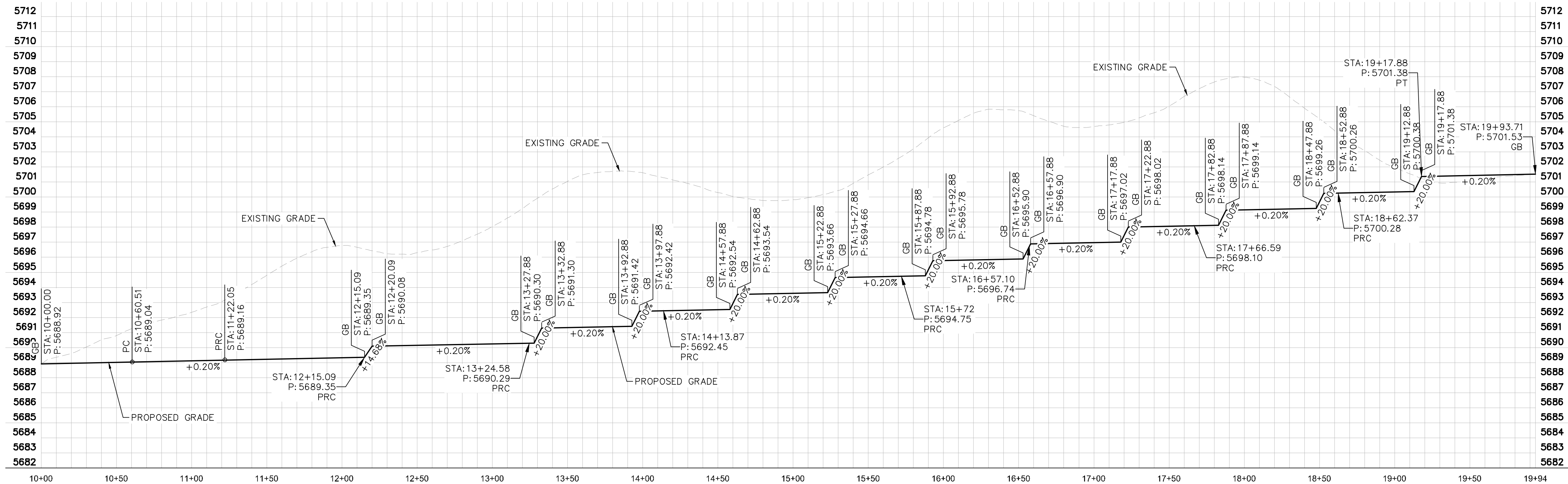
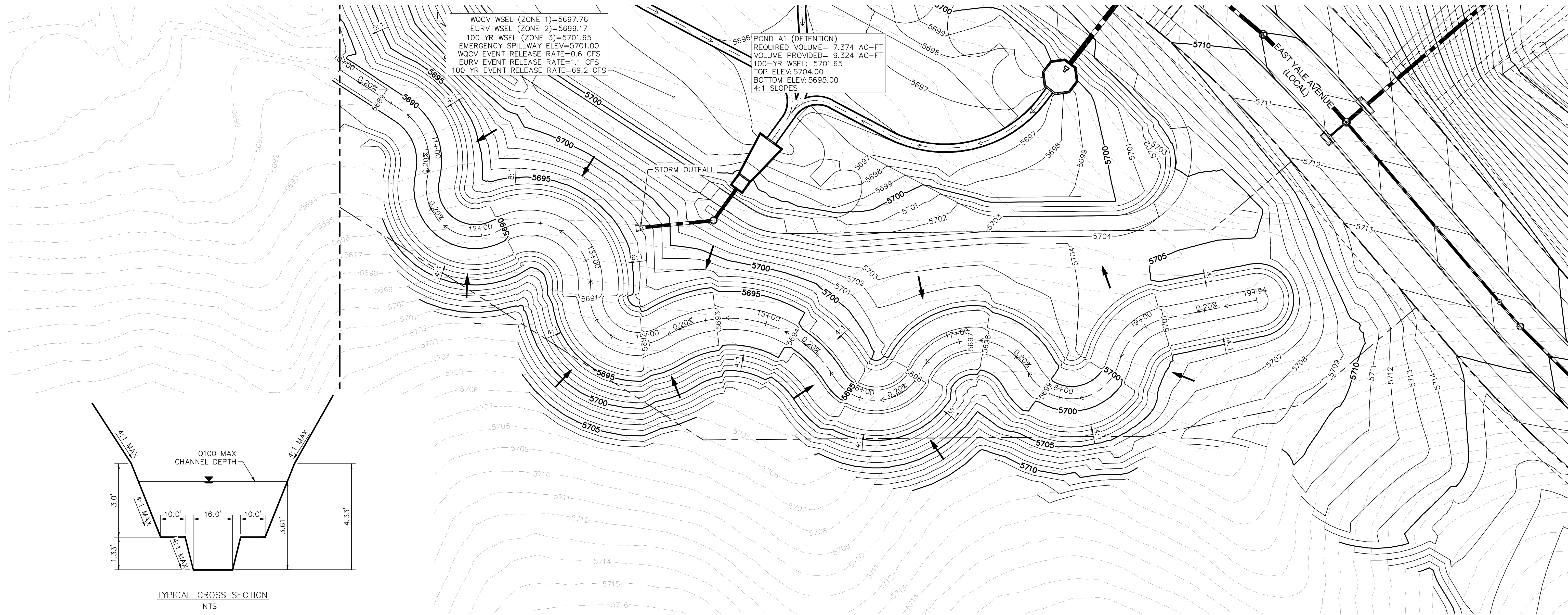


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OVERFLOW WEIRS
HARVEST CROSSING FILING NO. 3
AURORA, COLORADO

ISSUE RECORD
SITE PLAN
27 MAR 2024

PROJECT INFORMATION
PROJECT #: 19628-001
DRAWN BY: JBP/SMD
CHECKED BY: KJM



KEY MAP

