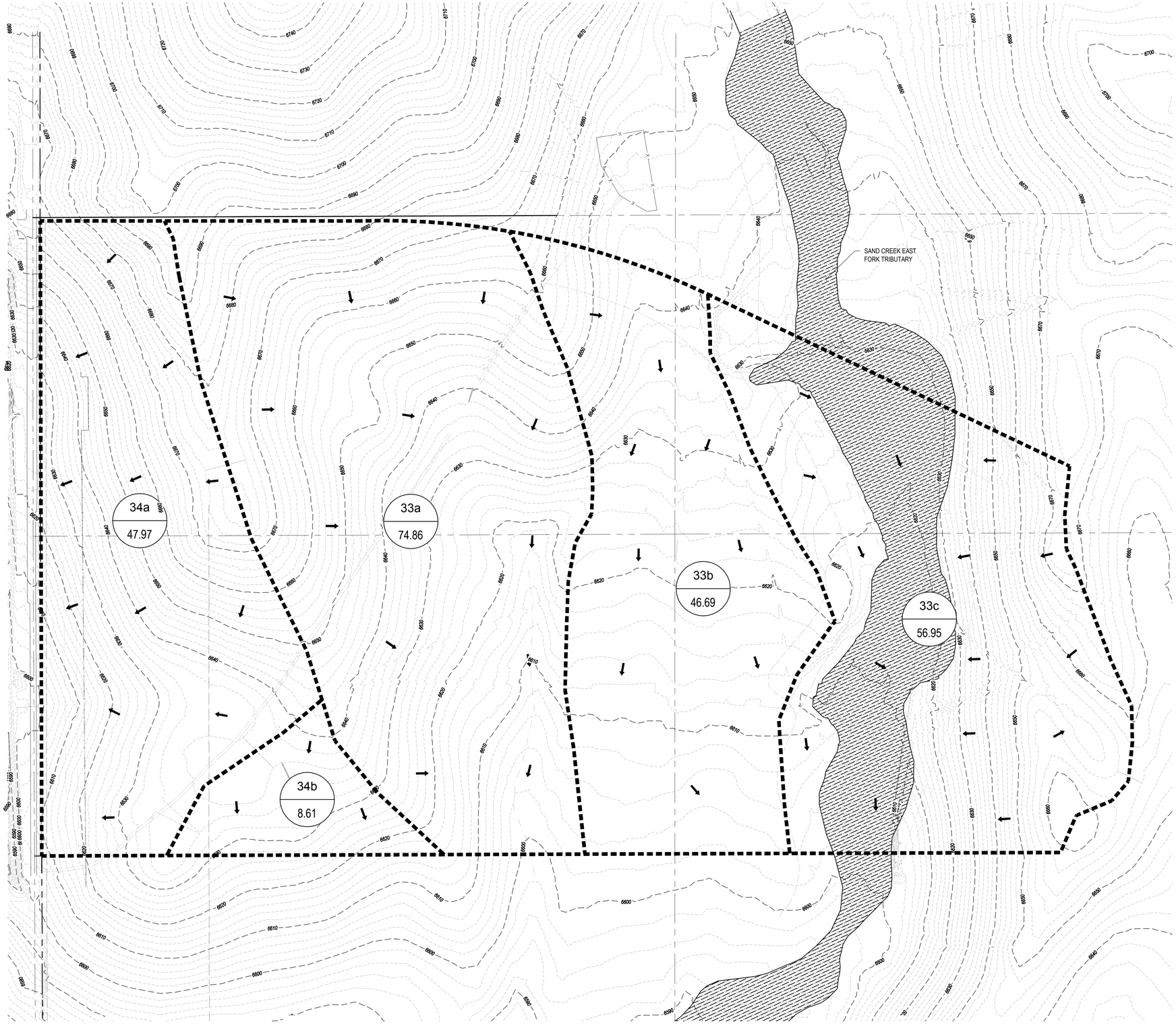

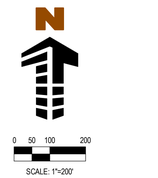

DRAINAGE LEGEND

- 4685 — EXISTING MAJOR CONTOUR
- 4684 — EXISTING MINOR CONTOUR
- MAJOR BASIN BOUNDARY LINE
- 33c / 56.95 — BASIN DESIGNATION / AREA (ACRES)
- STS — EXISTING STORM SEWER
- DIRECTION OF RUNOFF

EXISTING CONDITIONS DRAINAGE CALCULATIONS			
BASIN	AREA (ACRES)	5 YEAR EVENT	100 YEAR EVENT
33A	74.86 ACRES	7.85 CFS	18.42 CFS
33B	46.69 ACRES	4.85 CFS	10.69 CFS
33C	56.95 ACRES	5.88 CFS	12.68 CFS
34A	47.97 ACRES	5.06 CFS	9.58 CFS
34B	8.61 ACRES	0.91 CFS	1.79 CFS
TOTAL DISCHARGE	OUTFALL 33	18.58 CFS	41.79 CFS
TOTAL DISCHARGE	OUTFALL 34	5.97 CFS	11.37 CFS
	TOTAL COMBINED	24.55 CFS	53.16 CFS

HISTORIC DRAINAGE PLAN

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PRELIMINARY DRAINAGE PLAN
ENCLAVES AT MOUNTAIN VISTAS
COLORADO SPRINGS, CO

#	Date	Issue / Description	Init.

Project No:	CLH000007.01
Drawn By:	RAL
Checked By:	JCA
Date:	MARCH 18, 2016

HISTORIC DRAINAGE PLAN

DR-1
Sheet 1 of 4

N:\Challenger Homes Inc\CO_Colorado Springs\CLH000007.01 Enclaves At Vista\CAD\01 Concept\CLH007 Existing Drain Map.dwg - Scott Brown - 2015-04-16

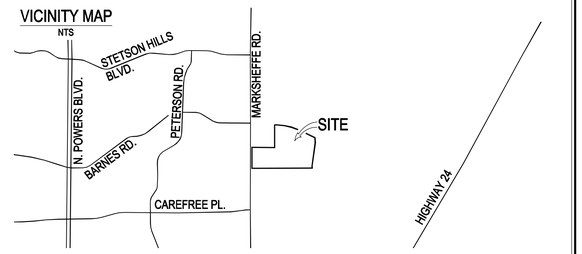
MASTER DEVELOPMENT DRAINAGE CALCULATIONS			
BASIN	AREA (ACRES)	5 YEAR EVENT	100 YEAR EVENT
A1	4.42 ACRES	12.62 CFS	23.72 CFS
A2	8.15 ACRES	21.65 CFS	41.19 CFS
A3a	1.91 ACRES	4.90 CFS	9.17 CFS
A3b	2.80 ACRES	7.21 CFS	13.80 CFS
A4	1.57 ACRES	4.65 CFS	8.70 CFS
A5	1.96 ACRES	6.05 CFS	11.29 CFS
B1	2.07 ACRES	2.40 CFS	6.80 CFS
B2	2.54 ACRES	1.70 CFS	5.10 CFS
B3	5.42 ACRES	1.36 CFS	4.42 CFS
B4	1.82 ACRES	3.08 CFS	8.06 CFS
C1	5.86 ACRES	15.20 CFS	29.05 CFS
C2	3.21 ACRES	8.09 CFS	15.55 CFS
C5	5.35 ACRES	2.41 CFS	10.11 CFS
C6	5.00 ACRES	3.09 CFS	8.58 CFS
D1	5.38 ACRES	2.73 CFS	8.33 CFS
D2	8.02 ACRES	3.78 CFS	14.29 CFS
D3	1.88 ACRES	1.83 CFS	5.16 CFS
E1	3.24 ACRES	1.66 CFS	5.02 CFS
E2	4.06 ACRES	2.26 CFS	6.80 CFS
E3	3.68 ACRES	2.86 CFS	8.80 CFS
E4	3.50 ACRES	3.19 CFS	9.78 CFS
F1	2.06 ACRES	3.00 CFS	8.39 CFS
F2	1.68 ACRES	2.45 CFS	6.50 CFS
F3	5.55 ACRES	2.83 CFS	8.48 CFS
F4	3.34 ACRES	1.48 CFS	4.48 CFS
F5	0.92 ACRES	1.04 CFS	2.87 CFS
F6	2.99 ACRES	1.78 CFS	5.28 CFS
F7	2.37 ACRES	0.11 CFS	1.13 CFS
OS1	17.00 ACRES	1.85 CFS	11.45 CFS
OS2	4.73 ACRES	1.25 CFS	2.63 CFS
OS3	13.04 ACRES	1.32 CFS	2.52 CFS
OS4	55.64 ACRES	19.78 CFS	41.45 CFS

DRAINAGE LEGEND

- 4850 — EXISTING CONTOUR
- 6485 — PROPOSED CONTOUR
- MAJOR BASIN BOUNDARY LINE
- E3 / 3.68 | 65% — BASIN DESIGNATION; BASIN PERCENT IMPERVIOUS; BASIN AREA IN ACRES
- PROPOSED STORM SEWER
- 1 — DESIGN POINT
- NODE/DESIGN POINT LABEL
- 302 — POND
- PROPOSED POND DESIGNATOR
- DRAINAGE ARROW
- PROPOSED FLOW DIRECTION ARROW
- EXISTING 100-YR FLOODPLAIN

VICINITY MAP

NTS



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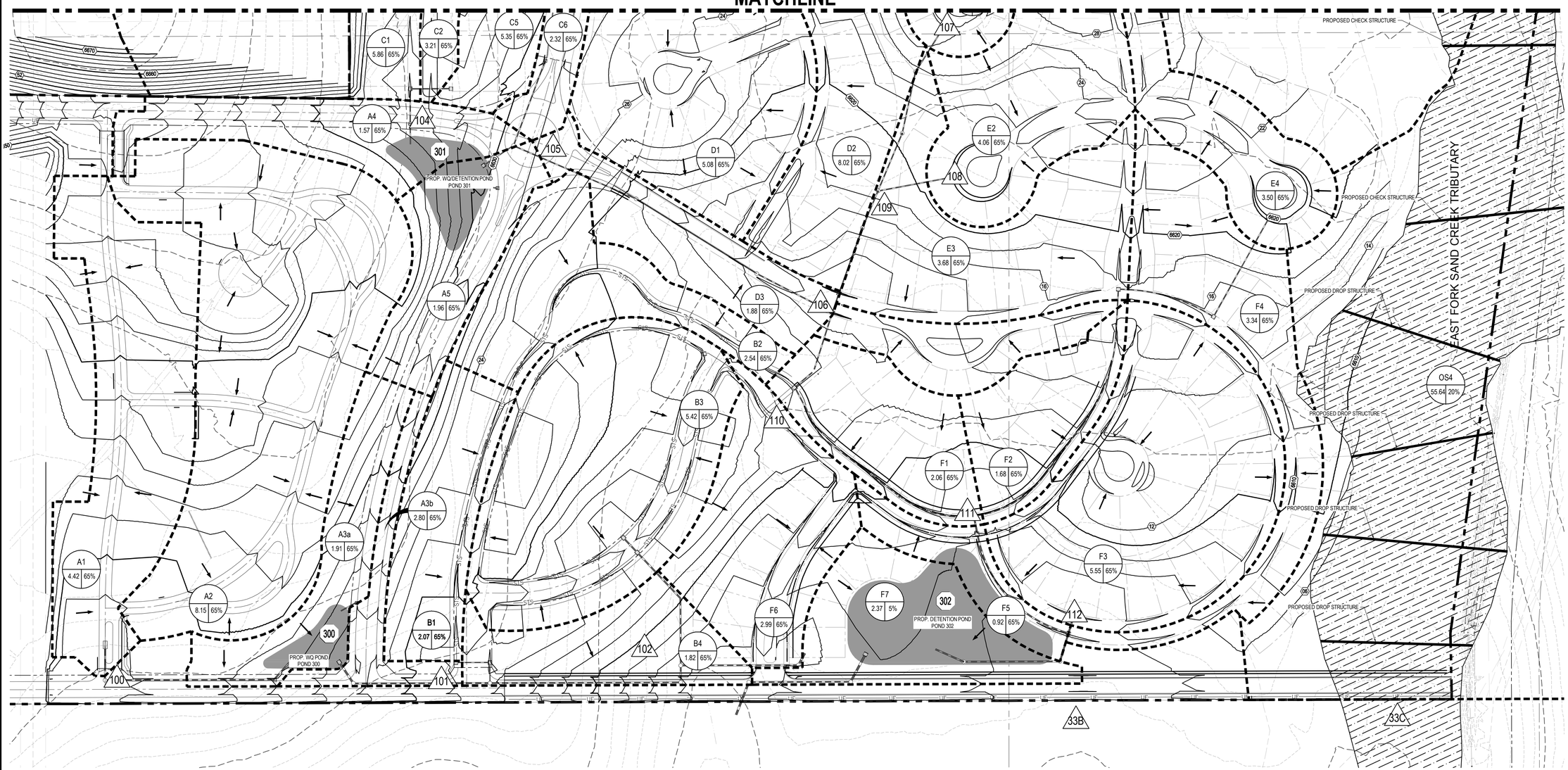
MATCHLINE



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PRELIMINARY DRAINAGE PLAN
ENCLAVES AT MOUNTAIN VISTAS
- - -
COLORADO SPRINGS, CO

#	Date	Issue / Description	Init.

Project No:	CLH000007.01
Drawn By:	RAL
Checked By:	JCA
Date:	MARCH 18, 2016

MASTER DEVELOPMENT DRAINAGE PLAN

DR-2
Sheet 2 of 4

H:\Challenger Homes Inc\CO_Colorado Springs_CLH000007.01\Enclaves Mtn Vistas\CAD\01-Concept\CLH000740DP.dwg - Scott Brown - 2015-04-16

MASTER DEVELOPMENT DRAINAGE CALCULATIONS			
BASIN	AREA (ACRES)	5 YEAR EVENT	100 YEAR EVENT
A1	4.42 ACRES	12.62 CFS	23.72 CFS
A2	8.15 ACRES	21.65 CFS	41.19 CFS
A3a	1.91 ACRES	4.90 CFS	9.17 CFS
A3b	2.80 ACRES	7.21 CFS	13.80 CFS
A4	1.57 ACRES	4.65 CFS	8.70 CFS
A5	1.96 ACRES	6.05 CFS	11.29 CFS
B1	2.07 ACRES	2.40 CFS	6.80 CFS
B2	2.54 ACRES	1.70 CFS	5.10 CFS
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C2	3.21 ACRES	8.09 CFS	15.55 CFS
C5	5.35 ACRES	2.41 CFS	10.11 CFS
C6	5.00 ACRES	3.09 CFS	8.58 CFS
D1	5.38 ACRES	2.73 CFS	8.33 CFS
D2	8.02 ACRES	3.78 CFS	14.29 CFS
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E1	3.24 ACRES	1.66 CFS	5.02 CFS
E2	4.06 ACRES	2.26 CFS	6.80 CFS
E3	3.68 ACRES	2.86 CFS	8.80 CFS
E4	3.50 ACRES	3.19 CFS	9.78 CFS
F1	2.06 ACRES	3.00 CFS	8.39 CFS
F2	1.68 ACRES	2.45 CFS	6.50 CFS
F3	5.55 ACRES	2.83 CFS	8.48 CFS
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F5	0.92 ACRES	1.04 CFS	2.87 CFS
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OS1	17.00 ACRES	1.85 CFS	11.45 CFS
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DRAINAGE LEGEND

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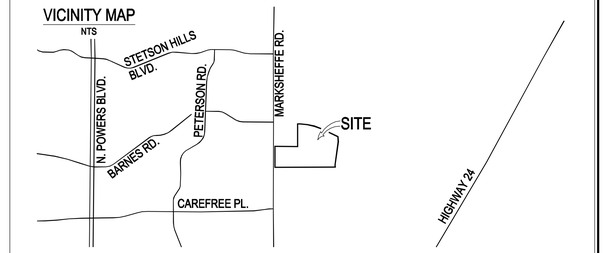
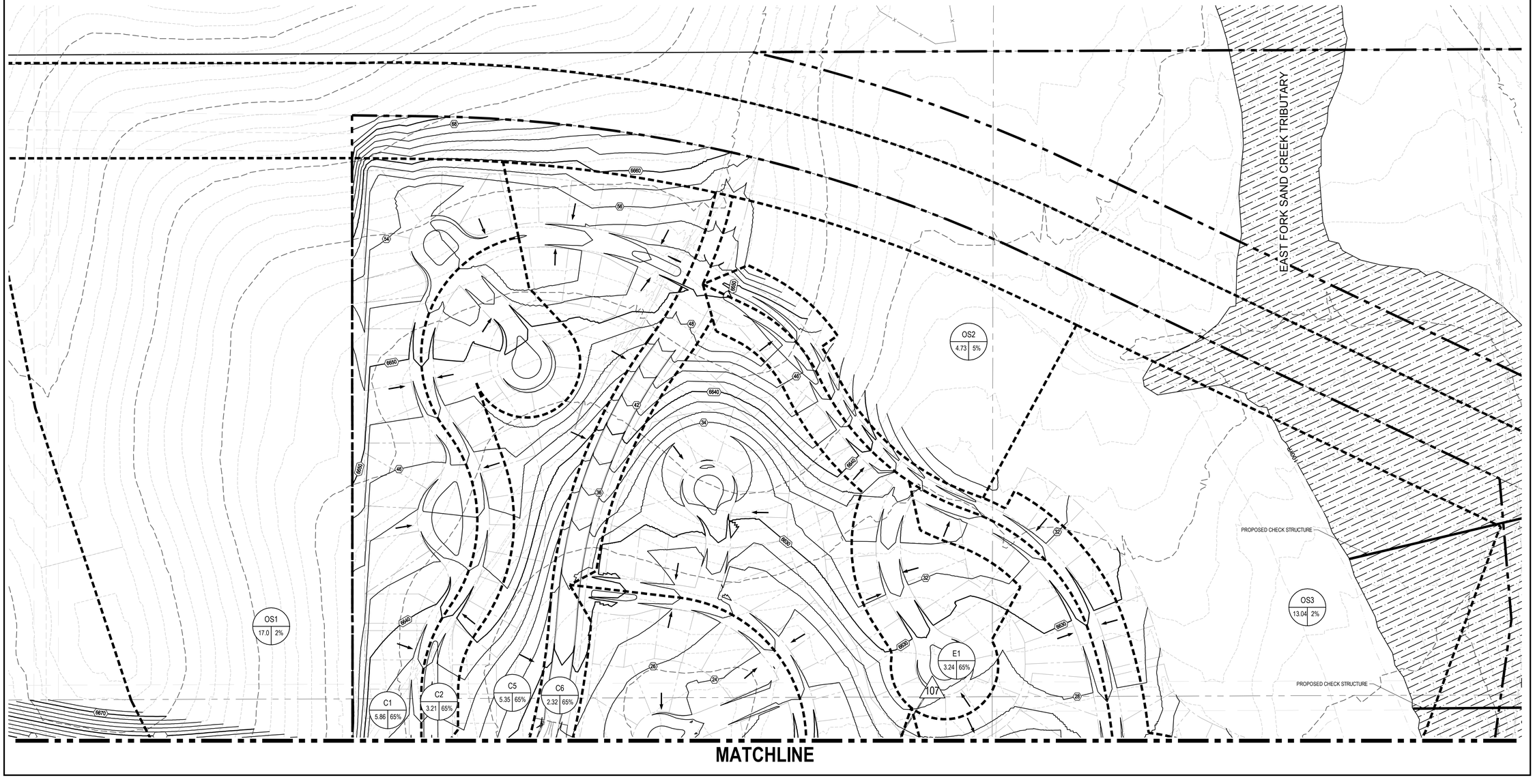
- 6485 — PROPOSED CONTOUR
- MAJOR BASIN BOUNDARY LINE
- E3 / 3.68 | 65% — BASIN DESIGNATION, BASIN PERCENT IMPERVIOUS, BASIN AREA IN ACRES
- PROPOSED STORM SEWER
- 1 — DESIGN POINT — NODE/DESIGN POINT LABEL
- 302 — POND — PROPOSED POND DESIGNATOR
- DRAINAGE ARROW — PROPOSED FLOW DIRECTION ARROW
- EXISTING 100-YR FLOODPLAIN

VICINITY MAP

NTS





MATCHLINE

N

0 50 100 200

SCALE: 1"=200'

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PRELIMINARY DRAINAGE PLAN
ENCLAVES AT MOUNTAIN VISTAS
- - - COLORADO SPRINGS, CO

#	Date	Issue / Description	Init.

Project No:	CLH000007.01
Drawn By:	RAL
Checked By:	JCA
Date:	MARCH 18, 2016

MASTER DEVELOPMENT DRAINAGE PLAN

DR-3

Sheet 3 of 4

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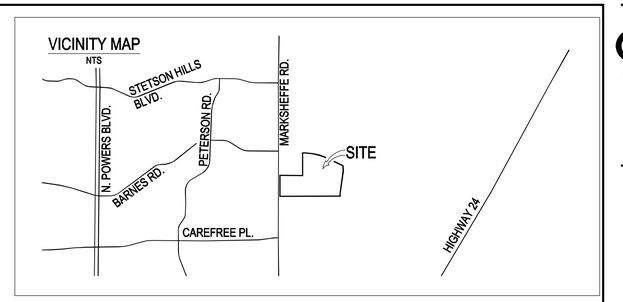

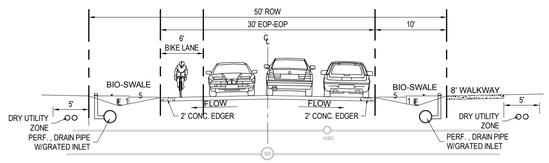

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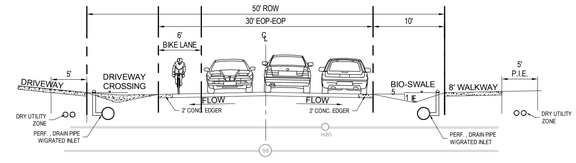

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ENCLAVES AT MOUNTAIN VISTA
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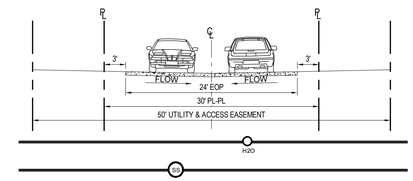

MULTI-FAMILY ATTACHED
ENCLAVES AT MOUNTAIN VISTA
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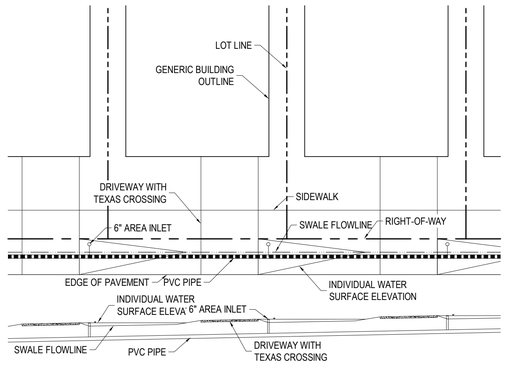
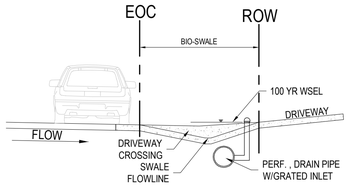
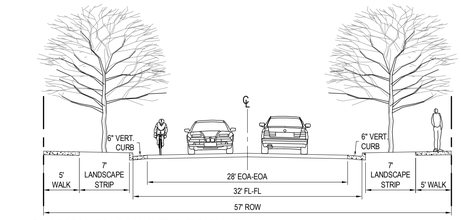
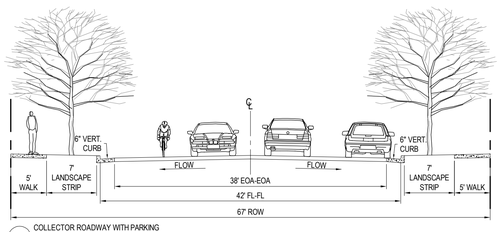






COLLECTOR ROADWAY WITHOUT PARKING
ENCLAVES AT MOUNTAIN VISTA
N.T.S.



COLLECTOR ROADWAY WITH PARKING
ENCLAVES AT MOUNTAIN VISTA
N.T.S.

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ENCLAVES AT MOUNTAIN VISTAS
COLORADO SPRINGS, CO

#	Date	Issue / Description	Init.

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Drawn By:	RAL
Checked By:	JCA
Date:	MARCH 18, 2016

MASTER DEVELOPMENT DRAINAGE PLAN

DR-4
Sheet 4 of 4