FOUNDERS VISTA FILING 1			CASTLEROCK DATE 7/05/24		
	BASIN A			FLOW	
DESIGN POINT	BASIN	AREA (AC)	Q 5 (cfs)	Q 100 (cfs)
1A	O-1A	12	**1.8**	**39.17**
1B	O-1B	5.1	**0.8**	**17.14**
2A	O-2	4.4	**0.7**	**15.09**
2B	A-1	3.9	**0.6**	**12.73**
2B	A-1, O-2	8.3	**1.2**	**22.76**
3A	O-4	1.9	**0.3**	**6.5**
3B	O-5	4.3	**0.7**	**14.7**
4	A-4.1	1.4	**0.2**	**4.8**
4	A-4.1, O-4, O-5	7.6	**1.2**	**25.7**
5	A-3	5.4	**8.8**	**22.9**
6.1	A-4.2	2.5	**4.5**	**11.5**
6.1	O-4, O-5, A-4.1, A-4.2	10.1	**5.1**	**59.8**
6.2	A-4.3	4.0	**7.2**	**18.4**
6.2	O-4, O-5, A-3, A-4	19.5	**20.4**	**82.57**
7.1	A-2.3	3.7	**7.9**	**20.3**
7.2	A-2.1	1.3	**3.0**	**7.6**
7.3	A-2.2	3.0	**6.6**	**16.8**
7.4	A-2.1, A-2.2	4.3	**9.4**	**24.0**
7.5	A-2.4	1.1	**2.4**	**6.1**

FOUNDERS VISTA FILING 1			CASTLEROCK DATE 7/05/24		
	BASIN A			FLOW	
DESIGN POINT	BASIN	AREA (AC)	Q 5 (cfs)	Q 100 (cfs)
7.6	A-2.5	1.7	**9.7**	**9.3**
8	A-5	4.7	**9.8**	**25**
10.5	A-2.3,A-2.5, A-3 TO A-5, O-4, O-5	29.6	**39.4**	**86.8**
10.1	A-7.4	0.4	**0.7**	**2.4**
10.5	A-2.3,A-2.5, A-3 TO A-6, A-7.4,O-4,O-5	30.0	**40.0**	**82.3**
10.2	A-7.1, A-1, O-2	9.2		**4.5**
10.3	A-7.2	0.5	**1.3**	**3.2**
10.4	A-7.3	4.0	**7.8**	**20**
10.4	A-7.1, A-7.2, A-7.3,A-1, O-2	13.7		
11.1	A-8.1	4.6	**7.7**	**19.6**
	A-7.1, A-7.2, a-7.3,A-8.1, A-1, O-2			
11.2	A-1 TO A-8, O-2,O-4,O-5	55.9	**67.2**	**161.6**
11.3	A-9.1	1.4	**0.2**	**5.7**
11.3	A-1 TO A-9.1, O-2,O-4,O-5	57.3	**67.4**	**164.9**
12.0	A-9.2	15.4	**2.4**	**47.2**
12.0	O1-A	12.0	**1.8**	**34.1**
12.0	01-B	5.1	**0.8**	**15.6**
12.0	A-9.2, O-1	32.5	**3.6**	**96.3**
12.1	AO-1,O-2 O-4,O-5,	89.8	**67.5**	**267.2**

BASIN B, C & D				FLOW
DESIGN POINT	BASIN	AREA (AC)	Q 5 CFS	Q 100 CFS
13	B-1.1	1.8	**4.4**	**11.4**
13	B-1.2	0.9	**1.9**	**4.8**
15	B-2	1.0	**2.0**	**5.1**
16.1	B-3.1	1.4	**3.3**	**8.4**
16.2	B-3.2	5.9	**13.7**	**34.9**
16.3	B-3.1, B-3.2	7.3	**16.9**	**43.2**
16.4	B-3.3	5.7	**9.2**	**23.7**
16.5	B-3.4	0.6	**1.3**	**3.4**
16.5	B-3.1, B-3.2, B-3.3, B-3.4	13.6	**21.9**	**56.6**
16.6	B-3.5	0.4	**0.9**	**2.2**
17	B-4	3.5	**7.5**	**18.9**
17	B-3, B-4	17.5	**27.6**	**70.3**
18	B-5	4.5	**9.4**	**23.7**
18	B-3, B-4, B-5	22.0	**32.6**	**85.1**
19	B-6	2.9	**6.0**	**15**
19	B-3 TO B-6	24.9	**36.9**	**96.3**
20.1	B-7.1	1.6	**3.4**	**8.6**
20.1	B-3 TO B-7.1	26.5	**37.9**	**96.7**
20.2	B-7.2	0.6	**1.3**	**3.2**
20.2	B-2 TO B-7	28.1	**40.2**	**102.6**
21	B-8	8.2	**2.5**	**26.3**
21	B	39.0	**5.4**	**130.7**

BASIN B, C & D				FLOW
DESIGN POINT	BASIN	AREA (AC)	Q 5 CFS	Q 100 CFS
22.1	C-1.1	4.2	**7.9**	**19.9**
22.2	C-1.2	0.5	**1.1**	**2.9**
22.3	C-1.3	1.2	**2.7**	**6.9**
22.4	C-1.4	2.4	**5.0**	**12.6**
22.5	C-1.5	0.9	**2.2**	**5.7**
22.5	C-1.2. C-1.3, C-1.5	2.6	**4.3**	**11.9**
22.6	C-1.6	1.6	**3.9**	**10**
22.6	C-1.1, C-1.4, C-1.6	8.2	**15.4**	**37.4**
22.7	C-1.7	0.9	**2.2**	**5.6**
22.7	C-1.1 THRU C-1.7	11.7	**19.5**	**53.4**
22.8	C-1.8	1.0	**2.4**	**6.2**
22.8	C-1.1 THRU C-1.8	12.7	**21.1**	**57.9**
23.1	C-2.1	2.7	**5.4**	**13.8**
23.0	C-2.2	3.5	**6.7**	**17.1**
23.0	C-1, C-2	18.9	**29.1**	**86.2**
24.1	C-3.1	0.6	**1.3**	**3.7**
24.2	C-3.2	4	**2.0**	**13.6**
24.2	C-1 TO C-3	23.5	**32.1**	**103.3**
25	C-5.1	0.4	**0.8**	**2**
25	C-5.2	2.3	**0.3**	**7.2**
26	C-5.3	10.3	**1.4**	**32.3**
26	C-4	4.9	**3.1**	**18.3**
26	C-5, C-4	17.9	**5.4**	**58.6**
27	D-1	36.4	**2.3**	**70.5**
28	C	41.4	**36.3**	**158.4**
28	O-3	30.8	**3.9**	**87.5**
28	C, 0-3	72.2	**38.6**	**235.8**

100 0 100 200 300 Feet

SCALE: 1" = 100'

LEGEND

- PROPOSED CONTOURS 6720
- EXISTING 5' CONTOURS 6720
- DIRECTION OF FLOW
- ARMORED OVERFLOW PATH
- BASIN DESIGNATION (H-1, 5.0)
- AREA (ACRES)
- 1 DESIGN POINT
- ONSITE BASIN BOUNDARY
- OFF-SITE BASIN BOUNDARY
- PROPOSED STORM SEWER
- 15' MAINTENANCE GRAVEL ROAD

HIGHLINE ENGINEERING & SURVEYING COMPANY, INC.
ENGINEERING CONSULTANTS
Tel. No. (303)688-0344
Fax. No. (303)680-3920
P.O. BOX 1295
PARKER, COLORADO 80134

FOR BURIED UTILITY INFORMATION 48 HOURS BEFORE YOU DIG CALL 1-800-922-1987
FOR LOCATING AND MARKING GAS, ELECTRIC, TELEPHONE, CABLE TV, ETC.

BAR IS 1" WHEN ON ORIGINAL DRAWING
SCALE VERIFICATION 0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

COLORADO REGISTERED RUSSELL B. HALL 26715 P.E. & P.L.S.

REVISIONS		
NO.	DATE	BY
1		
2		
3		
4		

DESIGNED BY: RBH
DRAWN BY: DLC
CHECKED BY: JRH
APPROVED BY: RBH

FOUNDERS VISTA FILING NO. 1

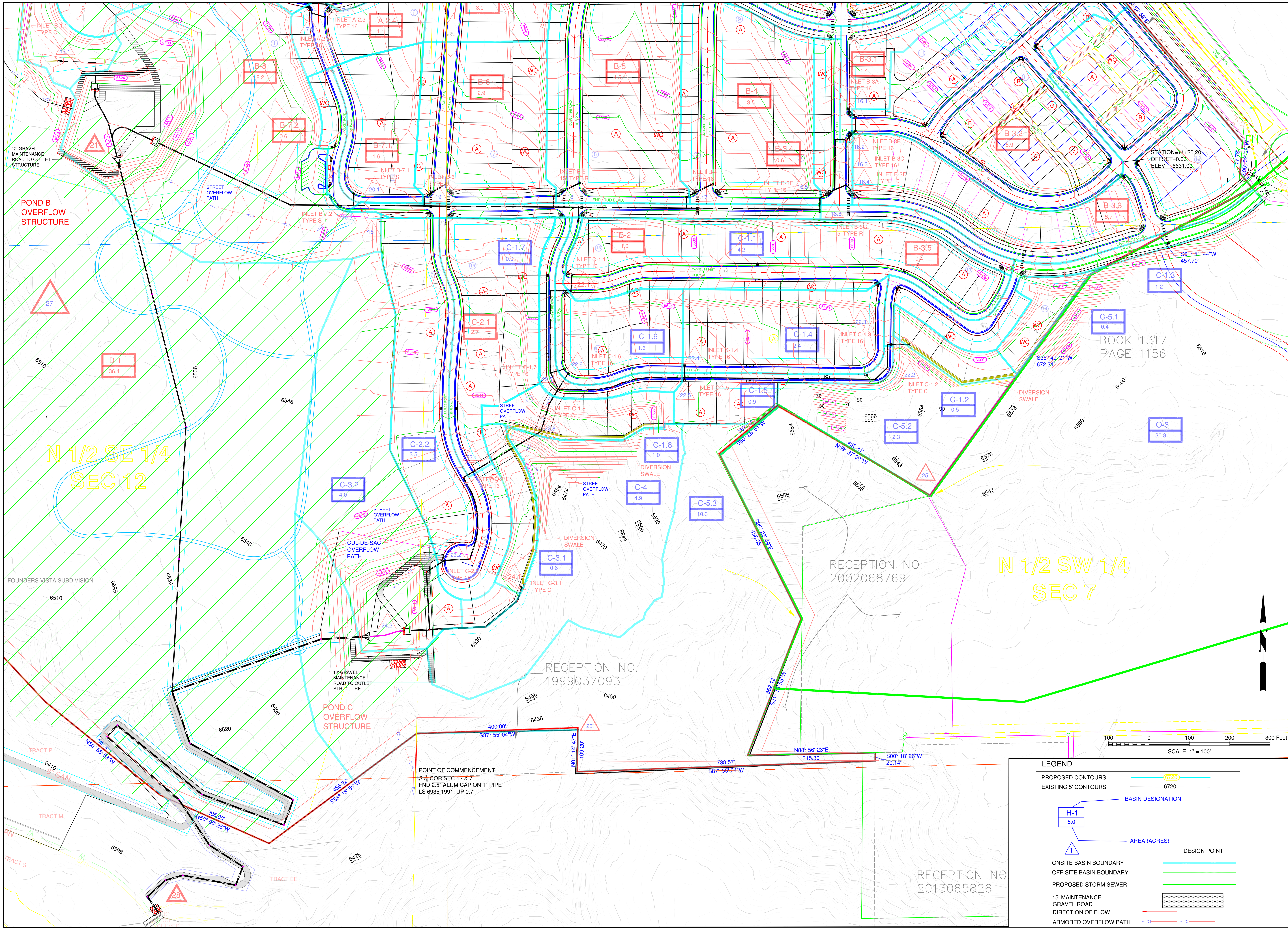
PHASE II DRAINAGE PLAN

DATE: FEB. 15, 2025

DWG NO: FOUNDER

SCALE
HORIZONTAL 1"=100'
VERTICAL NONE

D-1



HIGHLINE ENGINEERING & SURVEYING COMPANY, INC.

ENGINEERING CONSULTANTS

PO BOX 1295
PARKER, COLORADO 80134

(303)889-0344 Tel. No.
(303)850-3320 Fax. No.

SCALE VERIFICATION
BAR IS 1 INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

FOR BURIED UTILITY INFORMATION 48 HOURS BEFORE YOU DIG
CALL 1-800-922-1987
FOR LOCATING AND MARKING GAS, ELECTRIC, TELEPHONE, CABLE TV, ETC.

COLORADO REGISTERED
RUSSELL B. HALL
26715
P.E. & P.L.S.

NO.	REVISIONS	DATE	BY
1			
2			
3			
4			

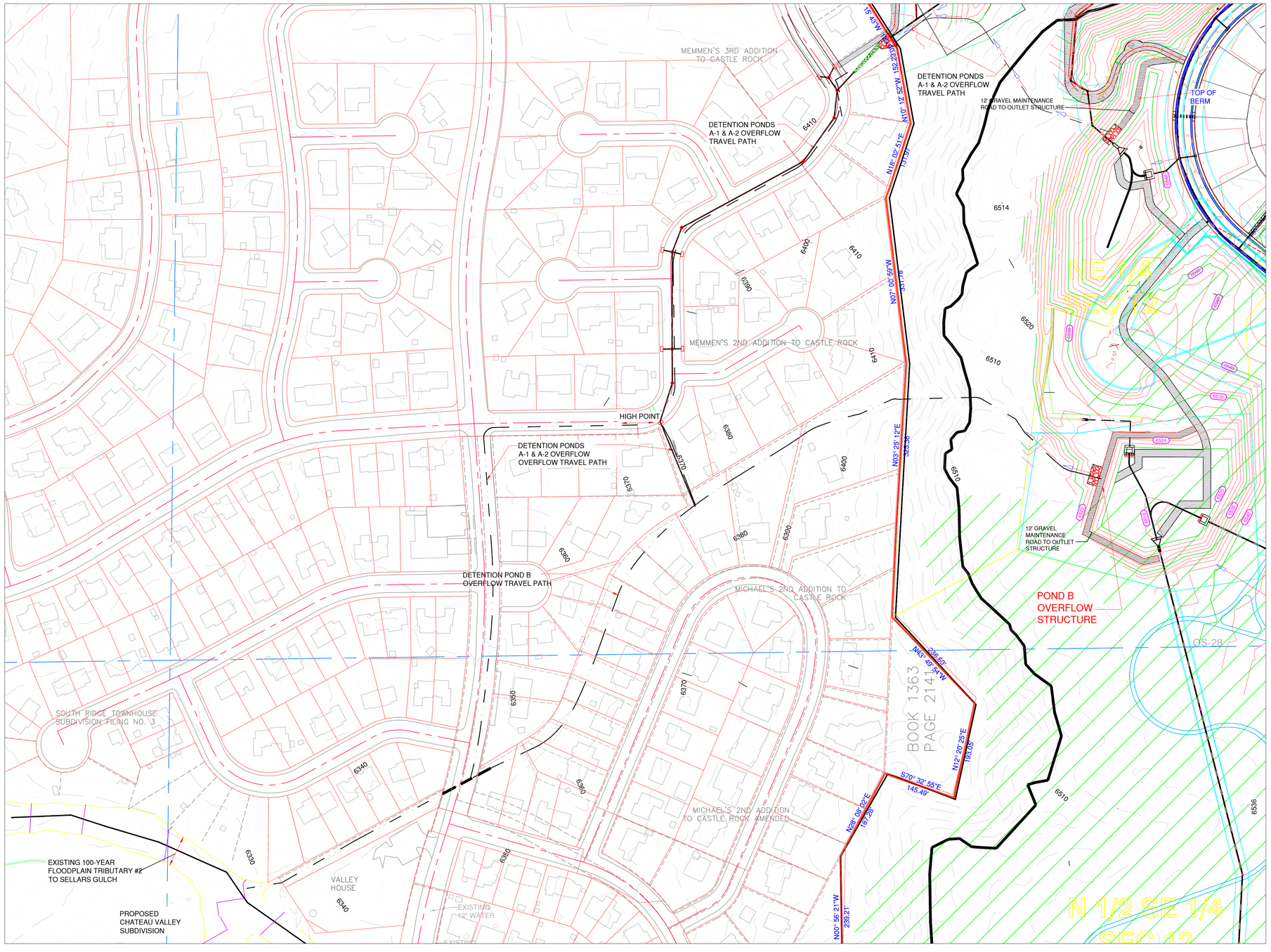
DESIGNED BY: RBH
DRAWN BY: DLC
CHECKED BY: JRH
APPROVED BY: RBH

FOUNDERS VISTA FILING NO. 1

PHASE II
DRAINAGE PLAN

DATE: FEB. 15, 2025
DWG NO: FOUNDER
SCALE
HORIZONTAL 1"=100'
VERTICAL NONE

D-2



LEGEND

PROPOSED CONTOURS 6720

EXISTING 5' CONTOURS 6720

ONSITE BASIN BOUNDARY

100 0 100 200 300 Feet

SCALE: 1" = 100'

HIGHLINE ENGINEERING & SURVEYING COMPANY, INC.
ENGINEERING CONSULTANTS
P.O. BOX 1295
PALMER, COLORADO 80134
Tel. No. (303)688-0344
Fax. No. (303)380-3320

FOR BURIED UTILITY INFORMATION 48 HOURS BEFORE YOU DIG, CALL 1-800-922-1987
FOR LOCATING AND MARKING GAS, ELECTRIC, TELEPHONE, CABLE TV, ETC.

SCALE CERTIFICATION
BAR IS 1" WHEN ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

COLORADO REGISTERED RUSSELL B. HALL 26715 P.E. & P.L.S.

REVISIONS

NO.	DATE	BY
1		
2		
3		
4		

DESIGNED BY: RBH
DRAWN BY: DLC
CHECKED BY: JRH
APPROVED BY: RBH

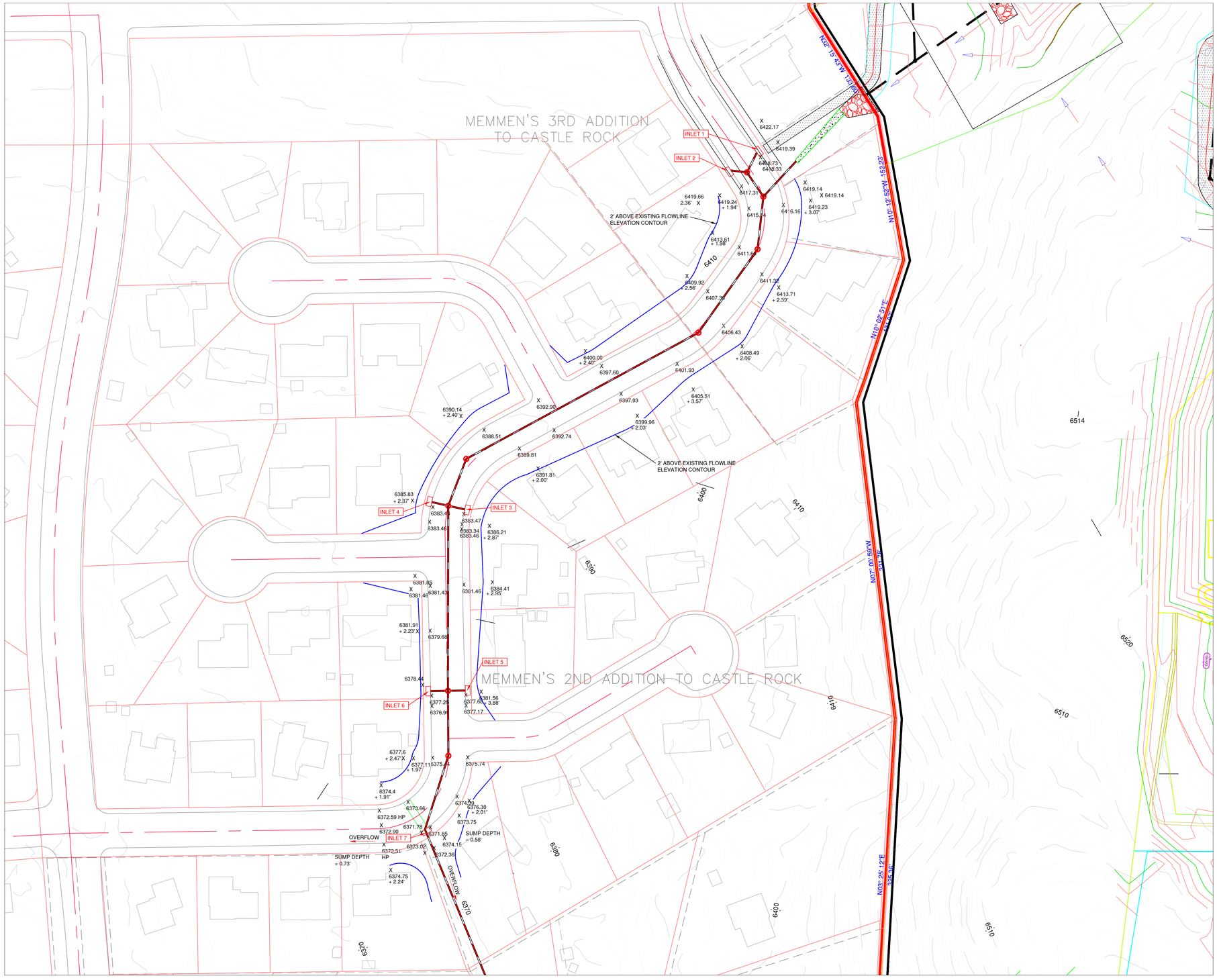
FOUNDERS VISTA FILING NO. 1

GORDAN DRIVE & DETENTION POND B OVERFLOW PATH EXHIBIT

DATE: FEB. 15, 2025

DWG NO: FOUNDER

SCALE
HORIZONTAL 1" = 100'
VERTICAL NONE



LEGEND

- 2' ABOVE EXISTING FLOWLINE ELEVATION CONTOUR
- EXISTING 5' CONTOURS — 6720
- EXISTING SPOT ELEVATION — X 6419.14
- HEIGHT ABOVE EXISTING FLOWLINE — + 2.24'
- EXISTING GORDAN DRIVE STORM SEWER OUTFALL

50 0 50 100 150 Feet

SCALE: 1" = 50'

HIGHLINE ENGINEERING & SURVEYING COMPANY, INC.
ENGINEERING CONSULTANTS
P.O. BOX 1295
PALMER, COLORADO 80134
Tel. No. (303)688-0344
Fax. No. (303)380-3926

FOR BURIED UTILITY INFORMATION 48 HOURS BEFORE YOU DIG, CALL 1-800-922-1987

FOR LOCATING AND MARKING GAS, ELECTRIC, TELEPHONE, CABLE TV, ETC.

SCALE CERTIFICATION BAR IS 1 INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

COLORADO REGISTERED RUSSELL B. HALL 26715 P.E. & P.L.S.

REVISIONS

NO.	DATE	BY
1		
2		
3		
4		

DESIGNED BY: RBH
DRAWN BY: DLC
CHECKED BY: JRH
APPROVED BY: RBH

FOUNDERS VISTA FILING NO. 1

GORDAN DRIVE OVERFLOW PATH EXHIBIT

DATE: FEB. 15, 2025

DWG NO: FOUNDER

SCALE
HORIZONTAL 1" = 100'
VERTICAL NONE

FOUNDERS VILLAGE – MEMMEN

PRELIMINARY DRAINAGE PLAN

A PART OF THE WEST HALF OF SECTION 7,
TOWNSHIP 08 SOUTH, RANGE 66 WEST 6th PRINCIPAL MERIDIAN,
AND THE EAST HALF OF SECTION 12,
TOWNSHIP 08 SOUTH, RANGE 67 WEST 6th PRINCIPAL MERIDIAN,
TOWN OF CASTLEROCK, COUNTY OF DOUGLAS, STATE OF COLORADO.

200 0 200 400 300 Feet

SCALE: 1" = 400'

LEGEND

1 DESIGN POINT

BASIN BOUNDARY

BASIN DESIGNATION

H-1
5.0

AREA (ACRES)

ADJACENT PROPERTY LINES AND RIGHT-OF-WAY

HISTORIC DRAINAGE MAP

HIGHLINE ENGINEERING & SURVEYING

ENGINEERING CONSULTANTS

PO BOX 1295
PARKER, COLORADO 80134

Tel. No. (303) 889-0044
Fax. No.(303) 380-3320

JOB NO. FOUNDERS VISTA

DATE: 3/15/25

SHEET 5 OF 5