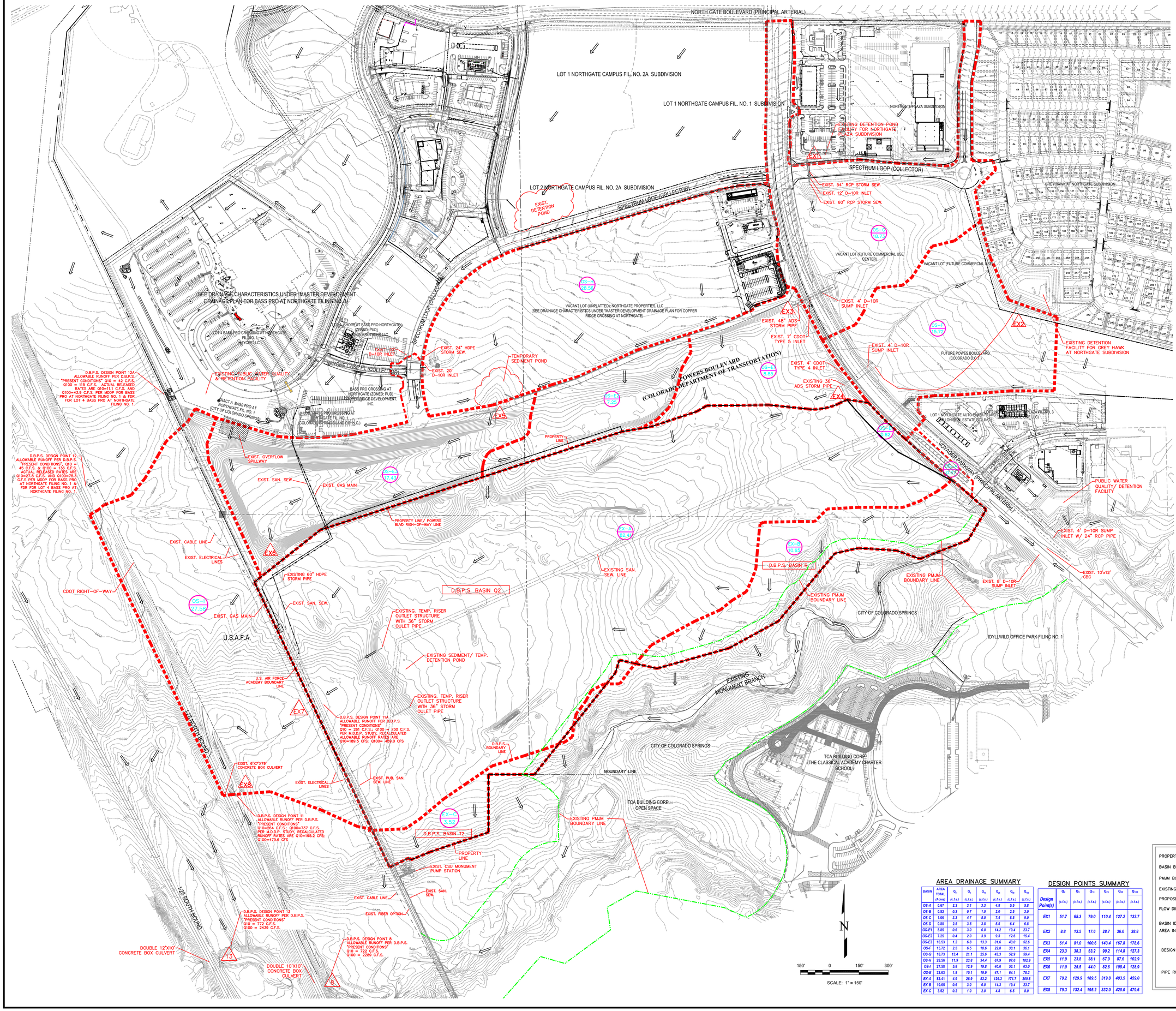

AREA DRAINAGE SUMMARY

BASIN	AREA TOTAL (Acres)	Q_1 (c.f.s.)	Q_2 (c.f.s.)	Q_{10} (c.f.s.)	Q_{25} (c.f.s.)	Q_{50} (c.f.s.)	Q_{100} (c.f.s.)
OS-A	0.67	2.2	2.1	3.3	4.8	5.5	5.8
OS-B	0.82	0.3	0.7	1.0	2.0	2.5	3.0
OS-C	1.06	3.3	4.7	5.0	7.4	8.5	9.0
OS-D	0.80	2.5	3.5	3.8	5.5	6.4	6.8
OS-E1	8.85	0.6	3.0	6.0	14.2	19.4	23.7
OS-E2	7.25	0.4	2.0	3.9	9.3	12.6	15.4
OS-E3	16.53	1.2	6.8	13.2	31.6	43.0	52.6
OS-F	15.72	2.5	6.5	10.6	22.8	30.1	36.1
OS-G	18.73	13.4	21.1	25.6	43.3	52.9	59.4
OS-H	28.56	11.9	23.8	34.4	67.9	87.6	102.9
OS-I	27.58	5.8	12.9	19.8	40.6	53.1	63.0
OS-E	32.63	1.8	10.1	19.9	47.1	64.1	78.3
EX-A	82.41	4.9	26.9	53.2	126.3	171.7	209.8
EX-B	10.65	0.6	3.0	6.0	14.3	19.4	23.7
EX-C	3.52	0.2	1.0	2.0	4.8	6.5	8.0

DESIGN POINTS SUMMARY

Design Point(s)	Q_1 (c.f.s.)	Q_2 (c.f.s.)	Q_{10} (c.f.s.)	Q_{25} (c.f.s.)	Q_{50} (c.f.s.)	Q_{100} (c.f.s.)
EX1	51.7	65.3	79.0	110.4	127.2	132.7
EX2	8.8	13.5	17.6	28.7	36.0	38.8
EX3	61.4	81.0	100.6	143.4	167.8	178.6
EX4	23.3	38.3	53.2	90.2	114.8	127.3
EX5	11.9	23.8	38.1	67.9	87.6	102.9
EX6	11.0	25.5	44.0	82.6	108.4	128.9
EX7	79.2	129.9	189.5	319.8	403.5	459.0
EX8	79.3	132.4	195.2	332.0	420.0	479.6

PROPERTY LINE
BASIN BOUNDARY
PMJM BOUNDARY
EXISTING CONTOUR 6233
PROPOSED CONTOUR 32
FLOW DIRECTION X.XXS
BASIN IDENTIFIER B
AREA IN ACRES 0.34
DESIGN POINT 1
PIPE RUN 1

ECE
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NO.	REVISION DESCRIPTION	BY	DATE
1	CITY COMMENTS	BHY	09/15/16
2	CITY COMMENTS	BHY	10/26/16

CLIENT INFORMATION:
NORTHGATE PROPERTIES, LLC.
13540 MEADOWGRASS DRIVE
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(719) 531-0707

PROJECT NAME
POLARIS POINTE SOUTH & POLARIS POINTE SOUTH FILING 1
COLORADO SPRINGS, COLORADO

DRAWING TITLE
EXISTING DRAINAGE FACILITY MAP

H-Scale	1"=200'
V-Scale	N/A
Date	08/01/16
Project No.	1201
Drawn by	BHY
Designed by	BHY
Approved by	–

SHEET: **DM-1**
SHEET 1 OF 2