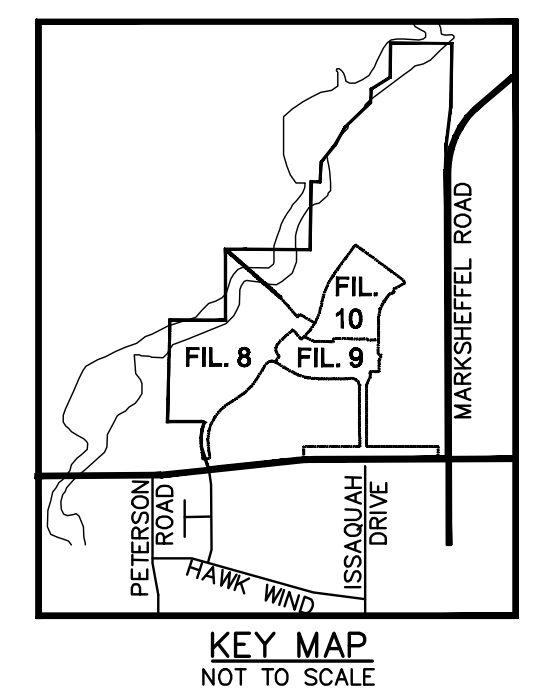
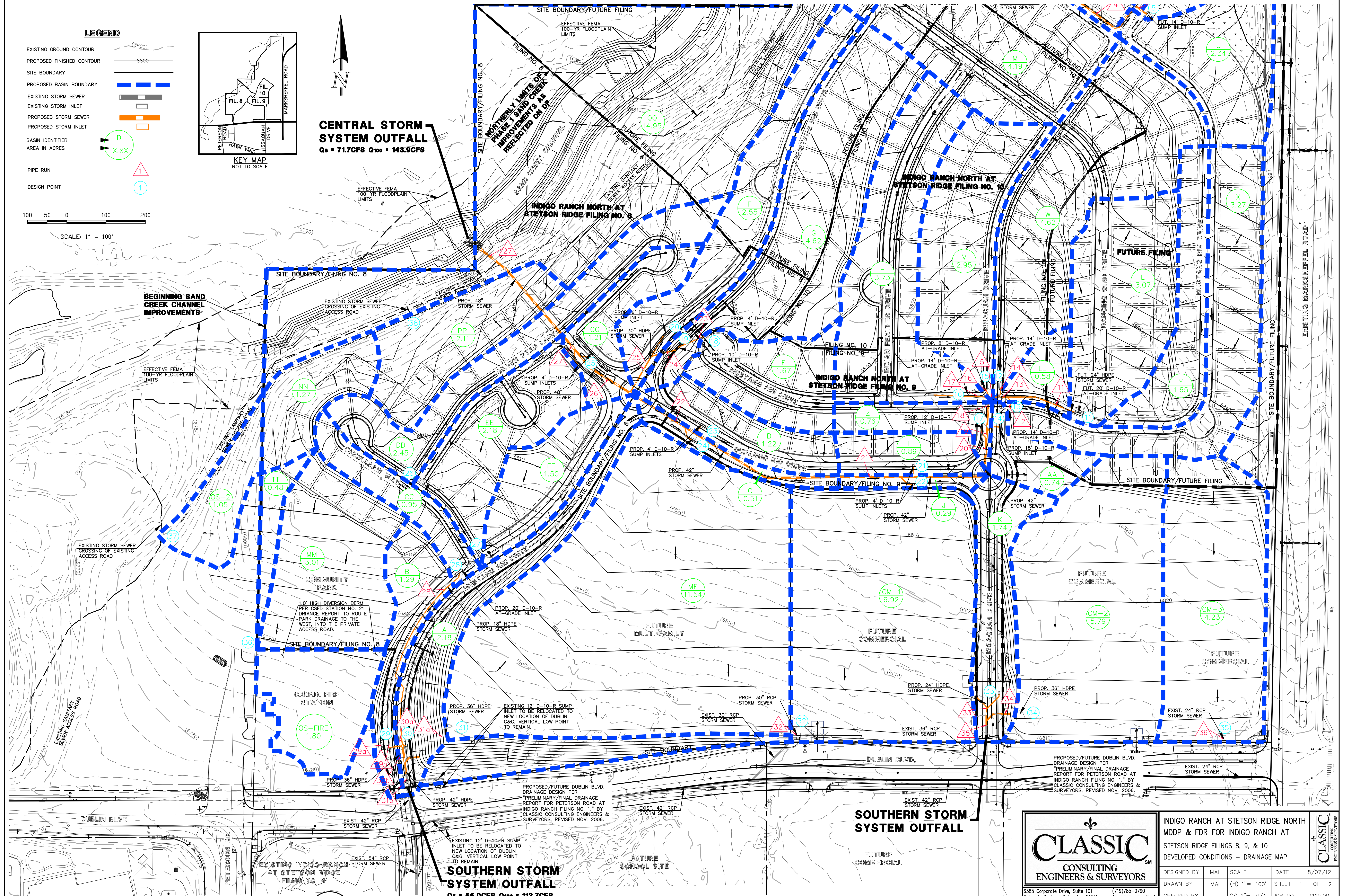
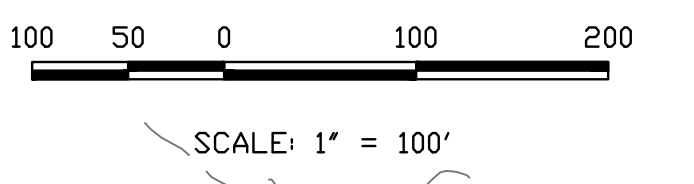


LEGEND

- EXISTING GROUND CONTOUR (8800)
- PROPOSED FINISHED CONTOUR (8800)
- SITE BOUNDARY
- PROPOSED BASIN BOUNDARY
- EXISTING STORM SEWER
- EXISTING STORM INLET
- PROPOSED STORM SEWER
- PROPOSED STORM INLET
- BASIN IDENTIFIER (D)
- AREA IN ACRES (X.XX)
- PIPE RUN
- DESIGN POINT (1)



CENTRAL STORM SYSTEM OUTFALL
 $Q_5 = 71.7\text{CFS}$ $Q_{100} = 143.9\text{CFS}$



BEGINNING SAND CREEK CHANNEL IMPROVEMENTS

SOUTHERN STORM SYSTEM OUTFALL
 $Q_5 = 55.0\text{CFS}$ $Q_{100} = 112.7\text{CFS}$

SOUTHERN STORM SYSTEM OUTFALL

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INDIGO RANCH AT STETSON RIDGE NORTH
MDDP & FDR FOR INDIGO RANCH AT
STETSON RIDGE FILINGS 8, 9, & 10
DEVELOPED CONDITIONS - DRAINAGE MAP

DESIGNED BY	MAL	SCALE	DATE	8/07/12
DRAWN BY	MAL	(H) 1" = 100'	SHEET	1 OF 2
CHECKED BY	(V) 1" = N/A	JOB NO.	1115.00	

6385 Corporate Drive, Suite 101
Colorado Springs, Colorado 80919
(719)785-0790
(719)785-0799(Fax)

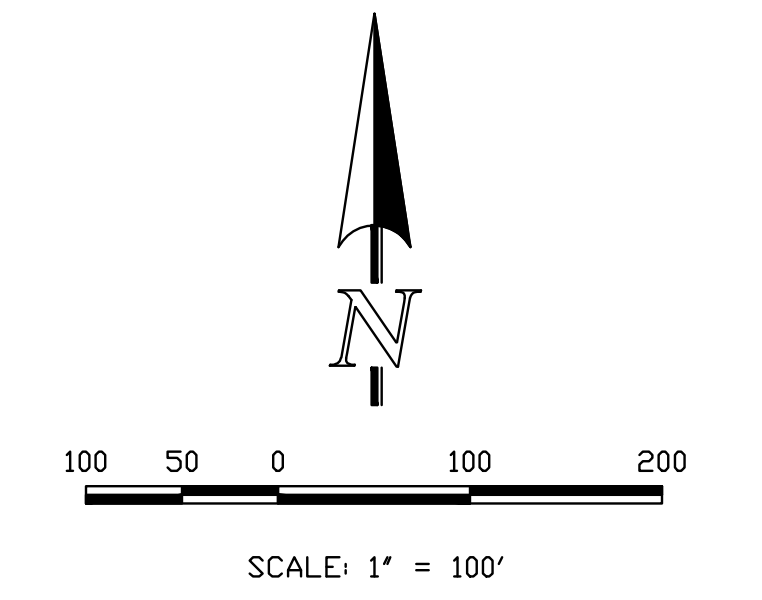
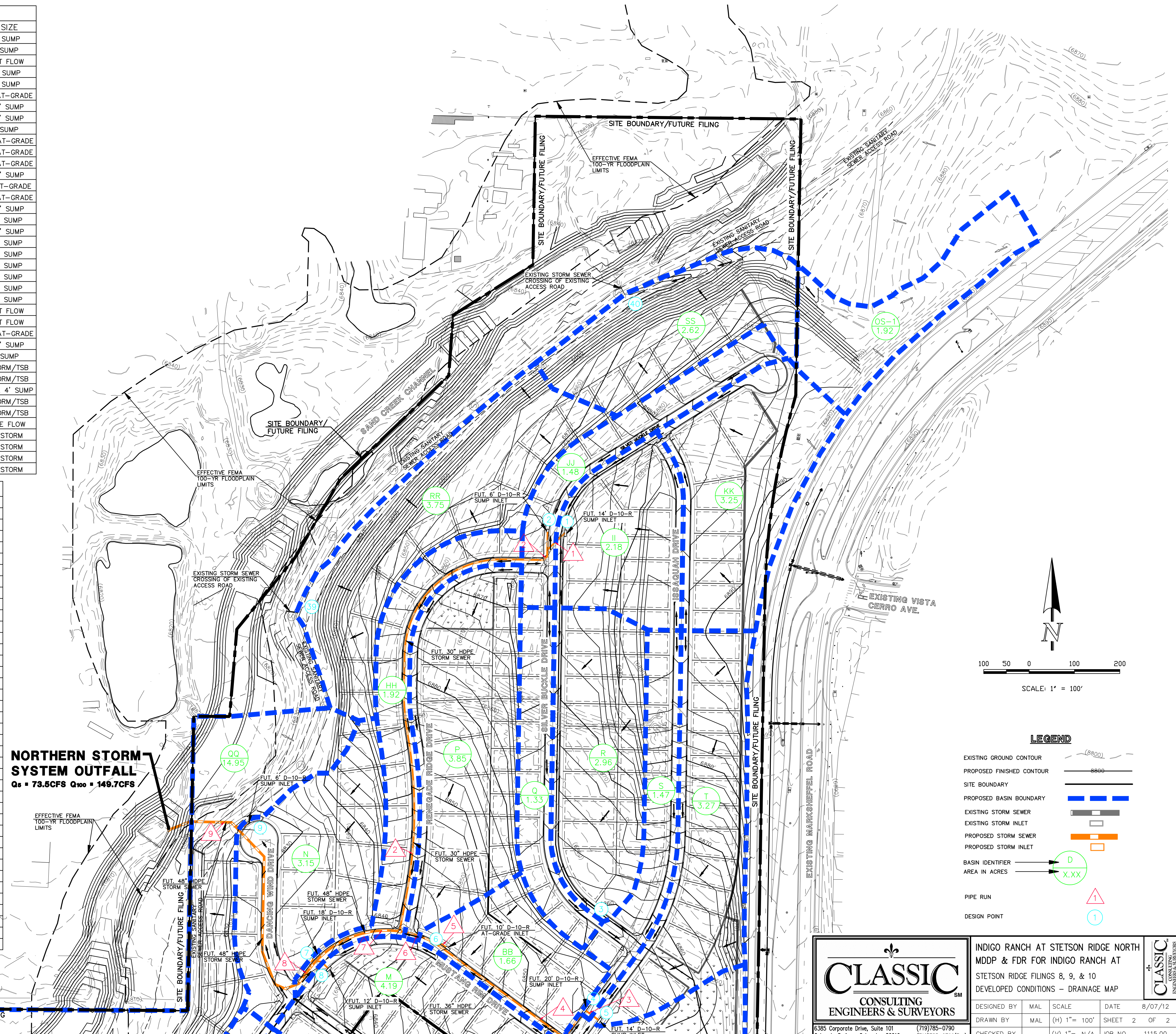
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BASIN RUNOFF SUMMARY		
BASIN	Q5 (CFS)	Q100 (CFS)
A	5.9	12.1
B	3.8	7.6
C	2.3	4.4
D	4.4	8.7
E	5.0	9.9
F	6.6	13.4
G	10.1	20.8
H	11.4	22.6
I	3.2	6.3
J	1.3	2.5
K	6.0	11.7
L	9.1	18.3
M	12.3	24.6
N	7.7	15.9
P	8.8	18.2
Q	4.2	8.4
R	8.4	17.1
S	4.9	9.7
T	8.1	16.6
U	5.1	10.7
V	8.3	17.0
W	13.6	27.3
X	8.8	17.7
Y	5.2	10.4
Z	2.6	5.1
AA	2.5	4.9
BB	4.8	9.9
CC	2.8	5.5
DD	5.8	11.8
EE	5.3	10.7
FF	4.3	8.7
GG	3.7	7.3
HH	5.6	11.2
II	6.3	12.7
JJ	4.2	8.4
KK	7.1	14.8
LL	1.1	2.4
MM	4.4	10.4
NN	2.3	5.3
PP	3.6	8.1
QQ	18.3	43.8
RR	6.3	14.2
SS	3.9	8.9
TT	0.6	1.6
OS-1	2.5	6.1
OS-2	1.3	3.3
OS-FIRE	2.5	6.5
MF	31.2	63.4
CM-1	30.7	54.6
CM-2	21.3	37.9
CM-3	18.8	33.4

DESIGN POINT SUMMARY			
DESIGN POINT	Q5 (CFS)	Q100 (CFS)	INLET SIZE
1	13.7	28.2	(F) 14' SUMP
2	4.2	8.4	(F) 6' SUMP
3	8.4	17.1	STREET FLOW
4	17.1	34.4	(F) 20' SUMP
5	13.0	27.0	(F) 14' SUMP
6	4.8	9.9	(F) 10' AT-GRADE
7	15.0	31.9	(F) 18' SUMP
8	12.3	24.6	(F) 12' SUMP
9	7.7	15.9	(F) 6' SUMP
11	14.2	28.4	(P) 20' AT-GRADE
12	13.6	27.3	(P) 14' AT-GRADE
13	8.8	17.7	(P) 14' AT-GRADE
14	12.5	33.1	(P) 18' SUMP
15	8.3	17.0	(P) 8' AT-GRADE
16	11.4	22.6	(P) 14' AT-GRADE
17	9.5	25.3	(P) 12' SUMP
18	5.0	9.9	(P) 4' SUMP
19	10.1	20.8	(P) 10' SUMP
20	6.6	13.4	(P) 4' SUMP
21	3.2	6.3	(P) 4' SUMP
22	1.3	2.5	(P) 4' SUMP
23	4.4	8.7	(P) 4' SUMP
24	2.3	4.4	(P) 4' SUMP
25	3.7	7.3	(P) 4' SUMP
26	5.8	11.8	STREET FLOW
27	10.8	21.8	STREET FLOW
28	16.5	33.4	(P) 20' AT-GRADE
29	8.6	21.4	(P) 12' SUMP
30	5.9	12.1	(P) 6' SUMP
31	31.2	63.4	FUT. STORM/TSB
32	30.7	54.6	FUT. STORM/TSB
33	6.0	11.7	(P) DUAL 4' SUMP
34	21.3	37.9	FUT. STORM/TSB
35	18.8	33.4	FUT. STORM/TSB
36	4.9	11.7	SURFACE FLOW
37	3.7	8.7	EXIST. STORM
38	3.6	8.1	EXIST. STORM
39	6.3	14.2	EXIST. STORM
40	6.0	14.3	EXIST. STORM

PIPE ROUTING SUMMARY			
PIPE RUN	Q5 (CFS)	Q100 (CFS)	PIPE SIZE
1	13.7	28.2	(F) 30"
2	17.6	36.1	(F) 30"
3	13.0	27.0	(F) 30"
4	29.3	59.6	(F) 36"
5	3.3	5.4	(F) 18"
6	31.0	61.9	(F) 36"
7	47.1	94.8	(F) 42"
8	70.7	143.8	(F) 48"
9	73.5	149.7	(F) 48"
11	10.4	18.0	(P) 24"
12	6.3	10.8	(P) 18"
13	15.7	27.1	(P) 30"
14	8.6	13.3	(P) 18"
15	23.5	39.2	(P) 30"
16	4.8	5.9	(P) 18"
17	7.8	13.0	(P) 18"
18	35.0	56.5	(P) 36"
19	47.5	89.6	(P) 42"
20	56.2	112.8	(P) 42"
21	56.8	113.8	(P) 42"
22	55.1	110.3	(P) 42"
23	5.0	9.9	(P) 18"
24	14.4	29.3	(P) 30"
25	20.2	41.2	(P) 30"
26	73.7	148.1	(P) 48"
27	71.7	143.9	(P) 48"
28	10.8	17.6	(P) 18"
29a	2.5	6.5	(P) 18"
29b	10.8	27.2	(P) 30"
30a	5.9	12.1	(P) 18"
30b	25.5	52.9	(P) 36"
31a	31.2	63.4	(P) 36"
31b	55.0	112.7	(P) 42"
32	30.7	54.6	(P) 30"
33	6.0	11.7	(P) 24"
34	21.3	37.9	(P) 36"
35	26.1	47.2	(P) 36"
36	18.8	33.4	(P) 30"

NORTHERN STORM SYSTEM OUTFALL
 $Q_5 = 73.5\text{CFS}$ $Q_{100} = 149.7\text{CFS}$



LEGEND

- EXISTING GROUND CONTOUR (dashed line with elevation)
- PROPOSED FINISHED CONTOUR (solid line with elevation)
- SITE BOUNDARY (thick black line)
- PROPOSED BASIN BOUNDARY (thick blue dashed line)
- EXISTING STORM SEWER (thick grey line)
- EXISTING STORM INLET (square symbol)
- PROPOSED STORM SEWER (thick orange line)
- PROPOSED STORM INLET (square symbol)
- BASIN IDENTIFIER (circle with letter and number)
- AREA IN ACRES (circle with 'X.XX')
- PIPE RUN (thick line with triangle symbol)
- DESIGN POINT (circle with number)

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MDDP & FDR FOR INDIGO RANCH AT
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DEVELOPED CONDITIONS - DRAINAGE MAP

DESIGNED BY	MAL	SCALE	DATE	8/07/12
DRAWN BY	MAL	(H) 1" = 100'	SHEET	2 OF 2
CHECKED BY	(V)	1" = N/A	JOB NO.	1115.00

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