










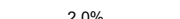






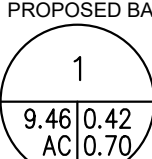
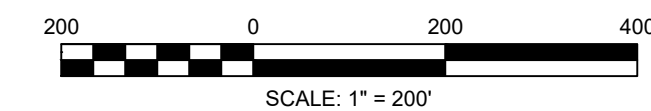


- | | |
|---|--|
|  | RIGHT-OF-WAY LINE |
|  | PROPOSED EASEMENT |
|  | PROPOSED 5' CONTOUR |
|  | PROPOSED 1' CONTOUR |
|  | EXISTING 5' CONTOUR |
|  | EXISTING 1' CONTOUR |
|  | TYPICAL PROPOSED BASIN BOUNDARY
(COLOR CORRESPONDS TO OUTFALL POND)
(BLUE FLOWS TO SAND CREEK) |
|  | PROPOSED STORM |
|  | PROPOSED INLET |
|  | PROPOSED STORM MANHOLE |
|  | EXISTING STORM |
|  | EXISTING INLET |
|  | EXISTING STORM MANHOLE |
|  | FLOW DIRECTION |
|  | 2.0% |
|  | DESIGN POINT |
|  | PROPOSED FIRE HYDRANT. |
|  | EMERGENCY OVERFLOW ARROW |
-
- | | |
|---|---|
| PROPOSED BASIN LABEL | |
|  | BASIN DESIGNATION
MINOR 2-YR RUNOFF COEF.
MAJOR 100-YR RUNOFF COEF. |

NOTES:

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RUNOFF SUMMARY TABLE						
BASIN	AREA (AC)	C2	C100	IMPERV %	Q ₂ (CFS)	Q ₁₀₀ (CFS)
1.A	0.15	0.65	0.81	80.0%	0.3	1.0
1.B	0.38	0.48	0.73	59.5%	0.5	2.2
1.C	0.08	0.78	0.87	95.0%	0.2	0.6
1.D	0.42	0.29	0.64	37.9%	0.2	1.5
1.E	0.21	0.48	0.75	60.2%	0.2	1.0
1.F	0.29	0.36	0.67	45.9%	0.3	1.3
1.G	0.75	0.48	0.73	60.0%	0.9	4.0
1.H	0.80	0.46	0.72	57.5%	0.8	3.7
1.I	1.04	0.50	0.74	62.5%	1.2	4.9
1.J	0.38	0.51	0.76	63.9%	0.5	2.2
1.K	0.38	0.49	0.74	61.4%	0.5	2.0
1.L	0.17	0.72	0.87	87.4%	0.4	1.2
1.M	0.36	0.59	0.78	72.1%	0.5	2.1
1.N	0.90	0.42	0.70	52.5%	1.1	5.2
1.O	0.58	0.25	0.62	32.9%	0.3	1.9
1.P	1.31	0.31	0.65	40.0%	1.0	6.0
1.Q	0.81	0.31	0.65	40.0%	0.4	2.5
1.R	0.22	0.43	0.71	54.1%	0.2	1.1
TOTAL TO POND 374	9.23	0.42	0.70	53.3%	9.5	44.3
2.A	0.99	0.46	0.72	57.1%	1.2	5.2
2.B	0.46	0.16	0.58	23.3%	0.2	1.6
2.C	0.31	0.26	0.63	34.5%	0.2	1.5
TOTAL TO POND A-10	1.76	0.35	0.67	44.3%	1.5	8.2
OS	0.28	0.39	0.69	49.5%	0.3	1.3
TOTAL TO SAND CREEK	0.28	0.39	0.69	49.5%	0.3	1.3

Approved For One Year From This Date

Aurora Water - Drainage Division

Date _____

FITZSIMONS INNOVATION CAMPUS
SCRANTON PARKWAY SITE PLAN

TITLE: OVERALL DRAINAGE PLAN

DATE: MARCH 2025

PREPARED BY:



Excellence by Design

707 17th Street, Suite 3150

Denver, Colorado 80202

P 303.572.0200

www.matrixdesigngroup.com

QUEST

SHEET

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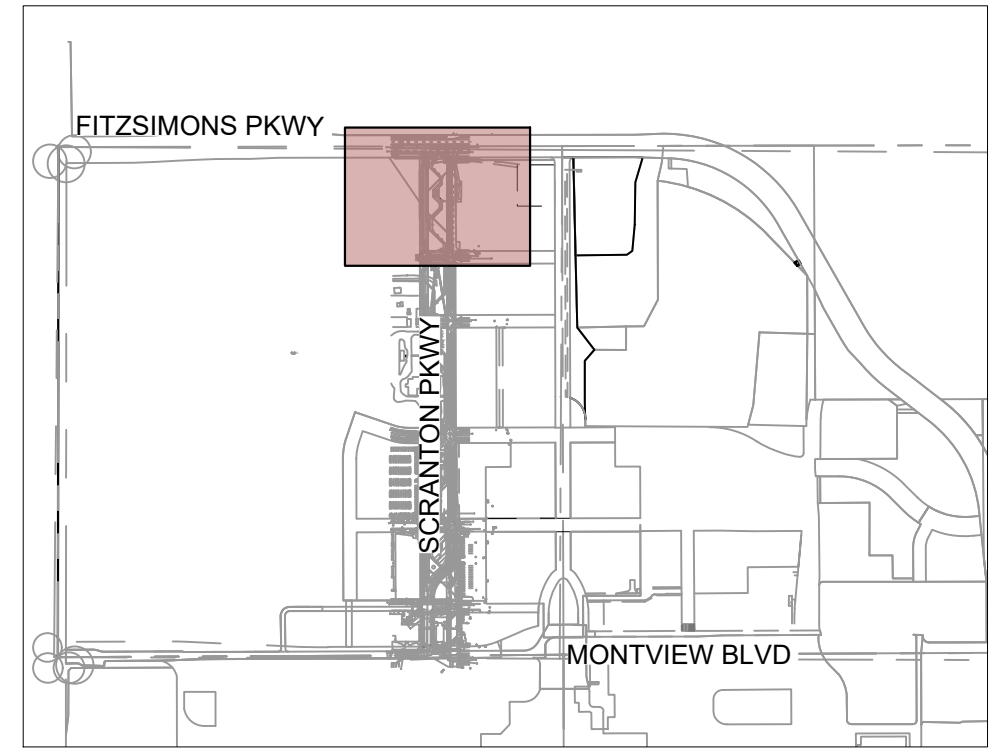


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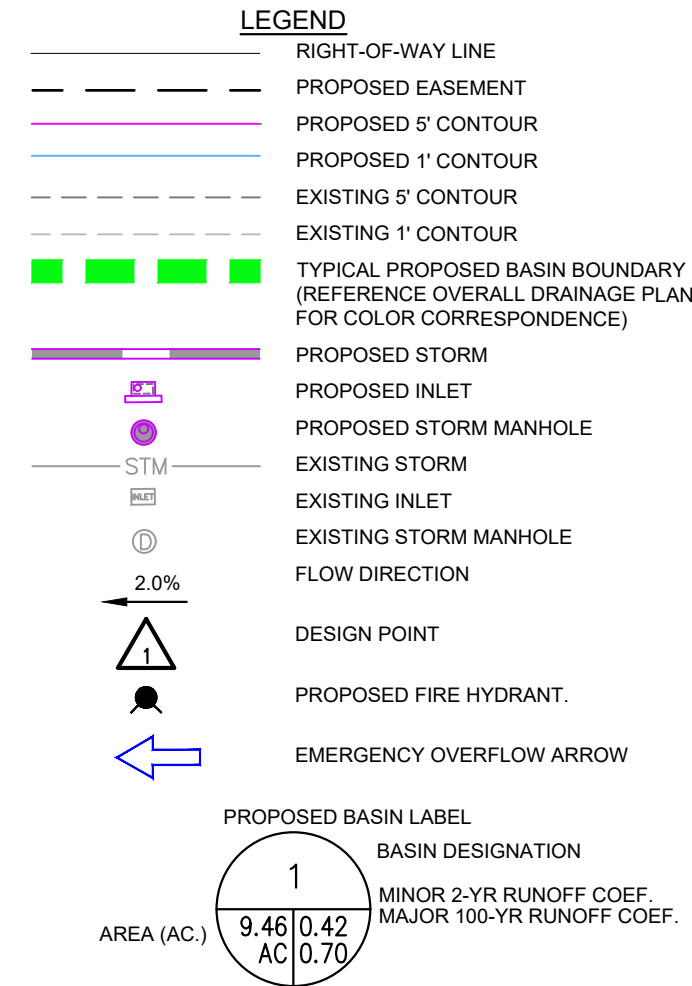
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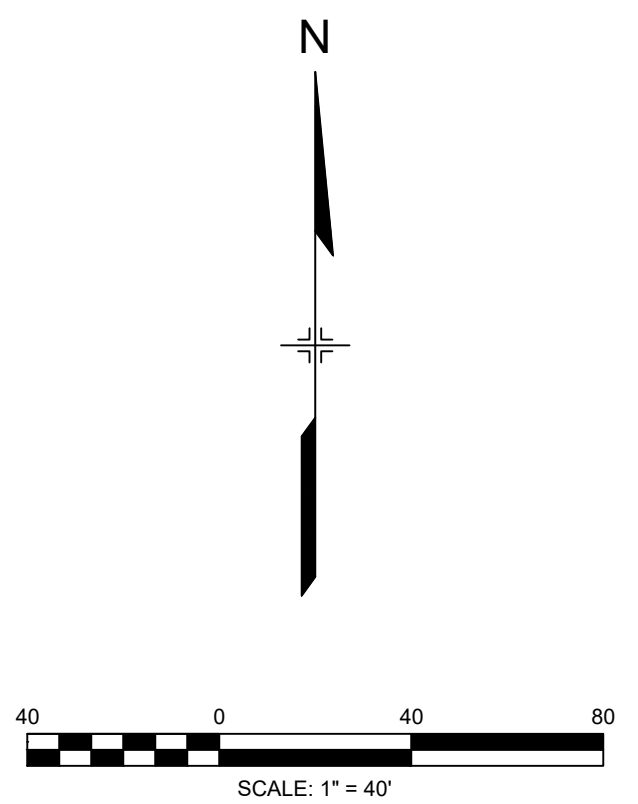
KEY MAP
SCALE: 1" = 1000'



BENCHMARK

CITY OF AURORA BENCHMARK 356736NW003 BEING A 3" DIAM. BRASS CAP (STAMPED C.O.A BM, SCP-022.2) ON THE SW CORNER OF A 10' WIDE TYPE R STORM INLET (SOUTH SIDE OF FITZSIMMONS PKWY). APPROXIMATELY 0.40 MILES EAST OF THE FITZSIMMONS PKWY AND PEORIA STREET INTERSECTION AND BETWEEN LIGHT POLES 804 185 AND 644 185.

ELEVATION = 5329.46 (NAVD88)



FITZSIMMONS INNOVATION CAMPUS SCRANTON PARKWAY SITE PLAN

TITLE: DRAINAGE PLAN 01

DATE: MARCH 2025

PREPARED BY:

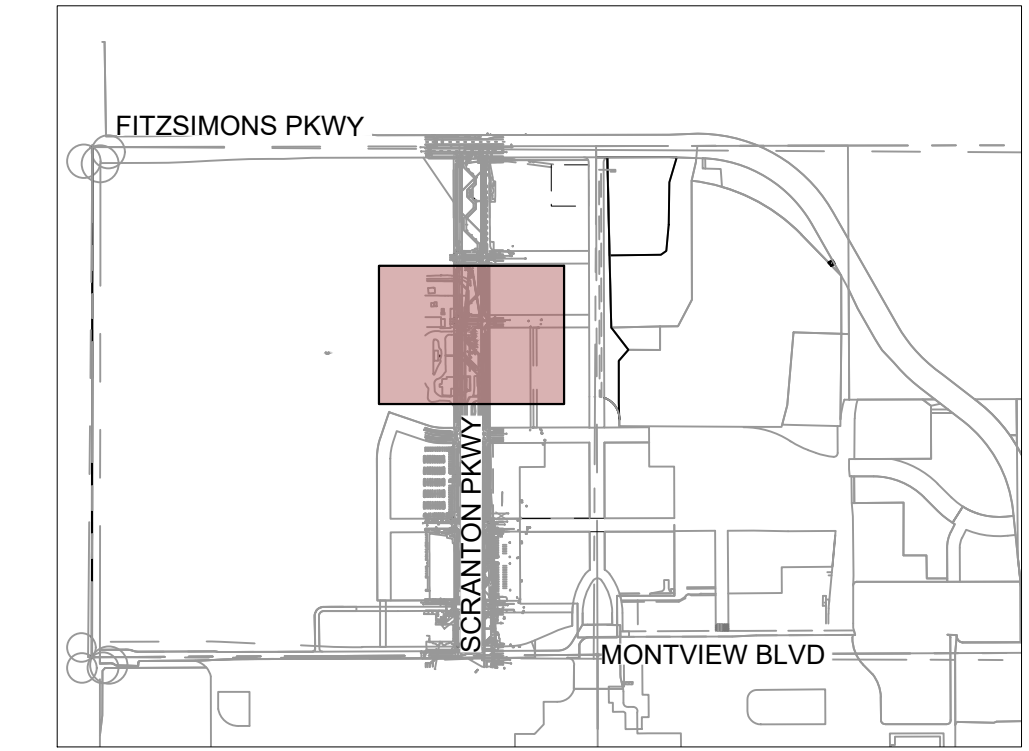
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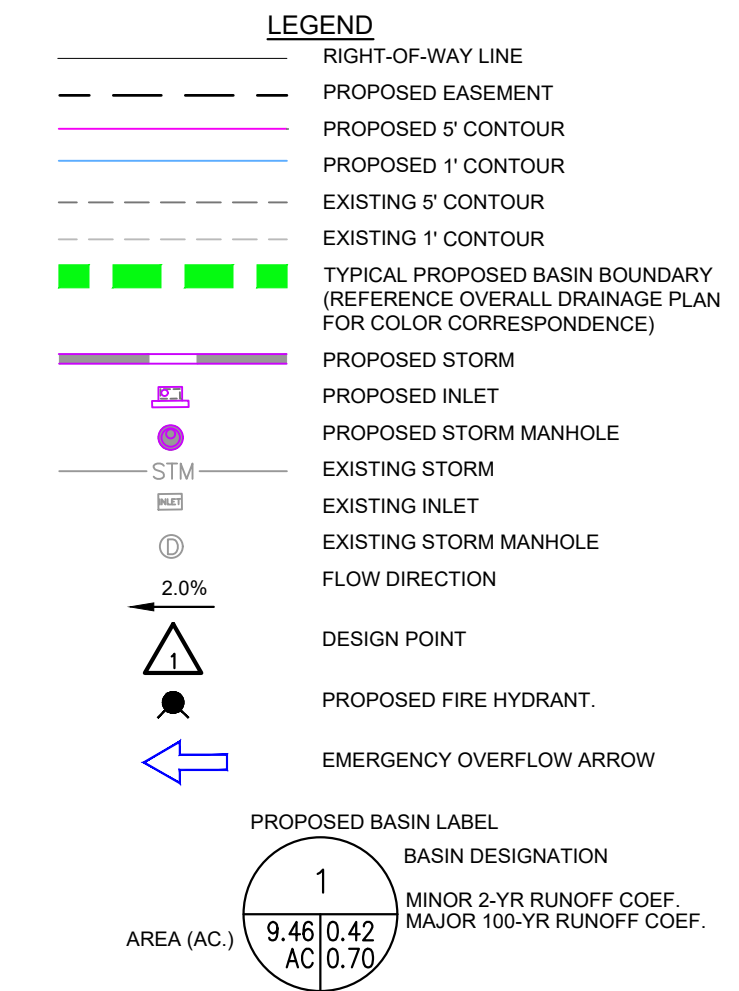
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SHEET:02

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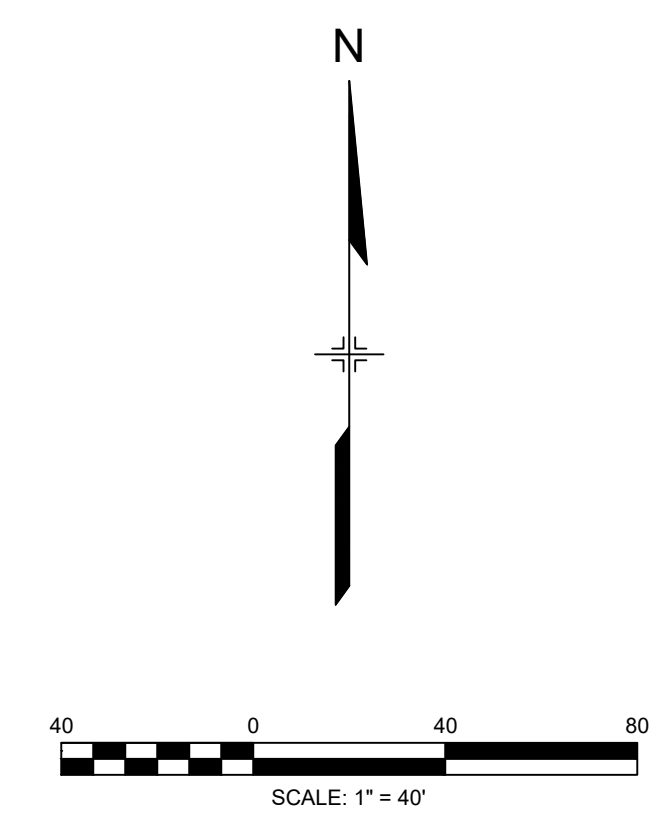


KEY MAP
SCALE: 1" = 1000'



BENCHMARK

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ELEVATION = 5329.46 (NAVD88)



FITZSIMONS INNOVATION CAMPUS
SCRANTON PARKWAY SITE PLAN

TITLE: DRAINAGE PLAN 02

DATE: MARCH 2025

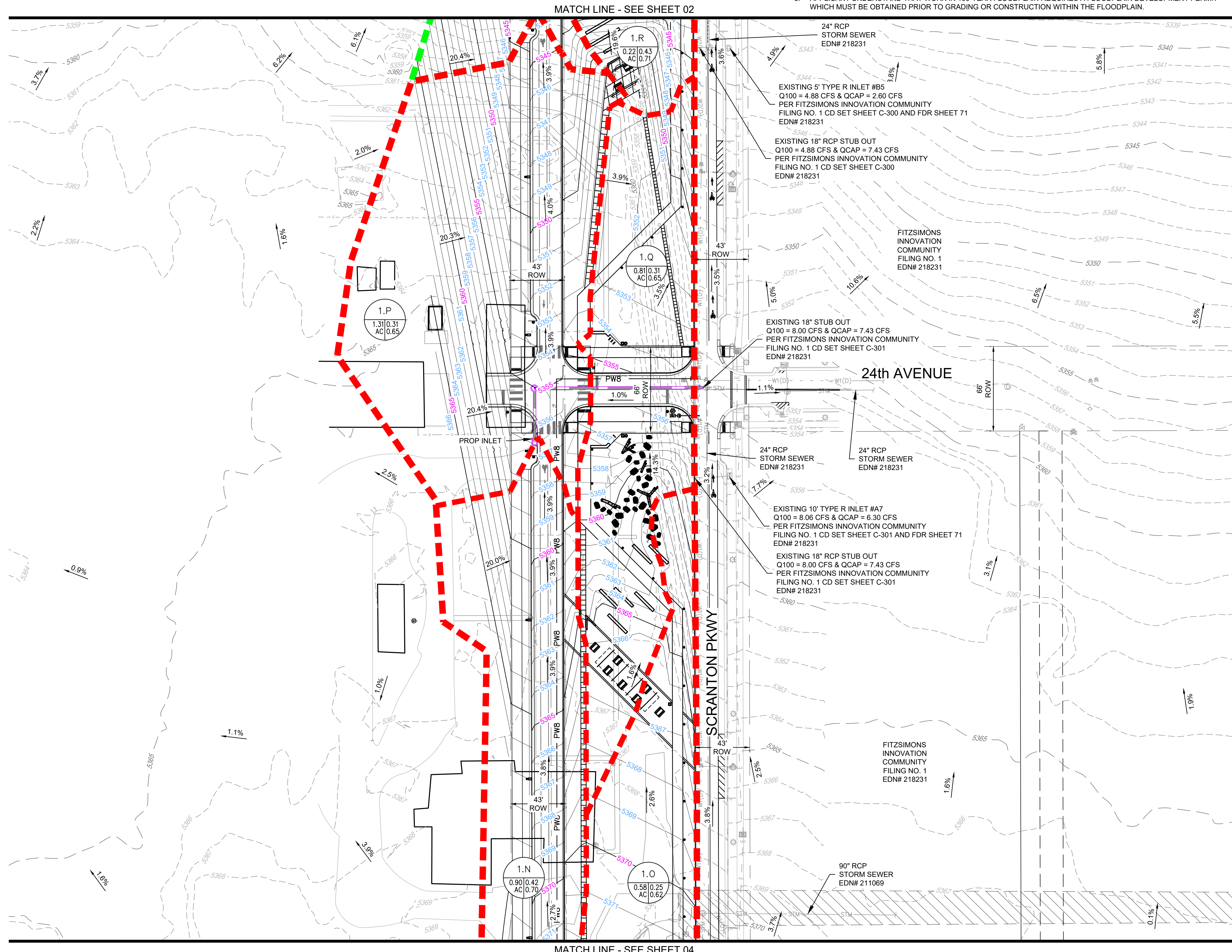
PREPARED BY:

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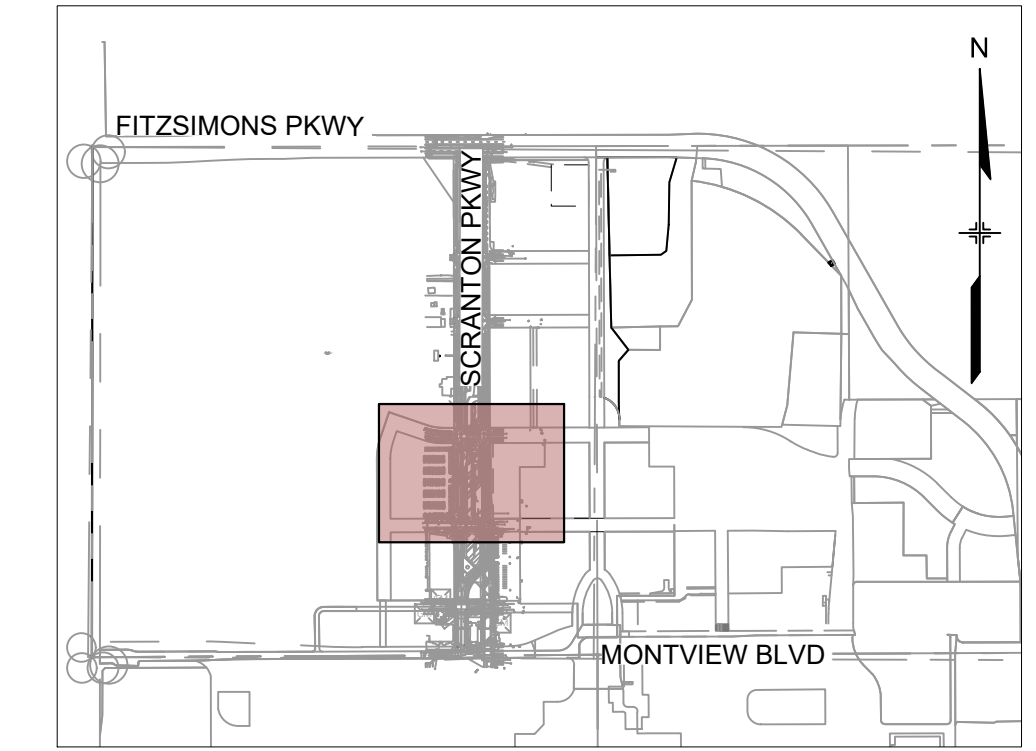


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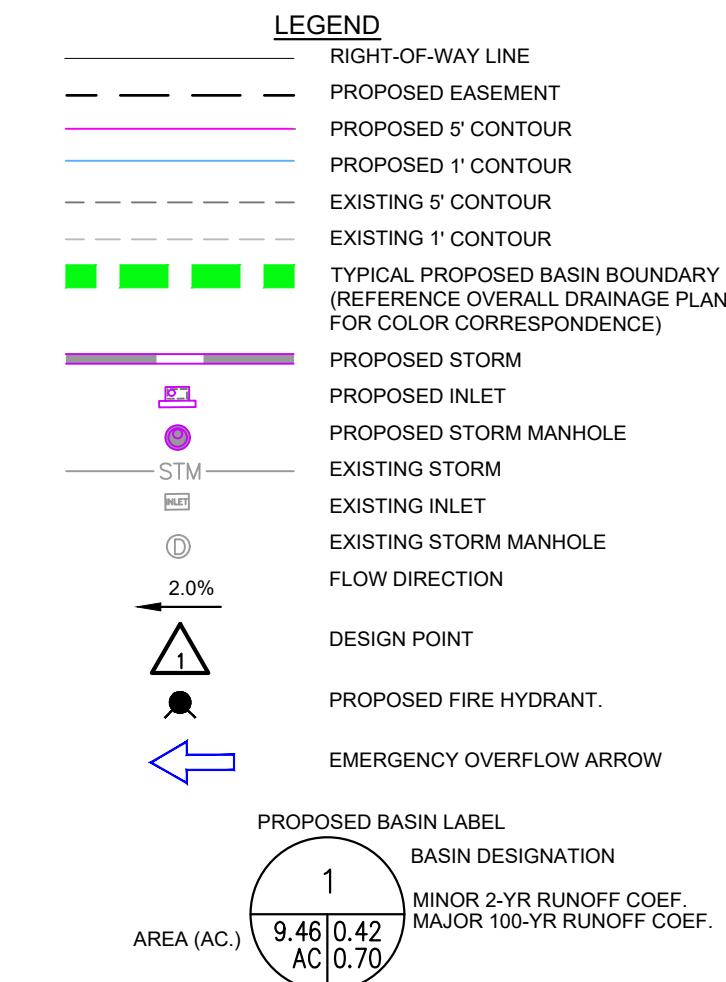
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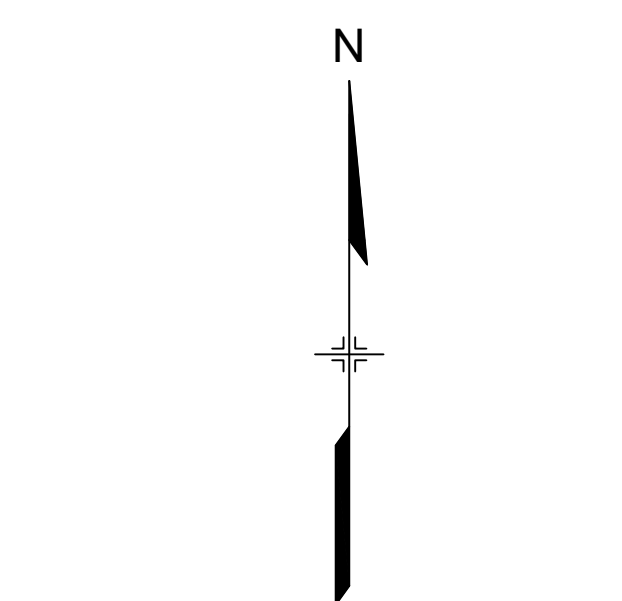
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ELEVATION = 5329.46 (NAVD88)



FITZSIMONS INNOVATION CAMPUS
SCRANTON PARKWAY SITE PLAN

TITLE: DRAINAGE PLAN 03

DATE: MARCH 2025

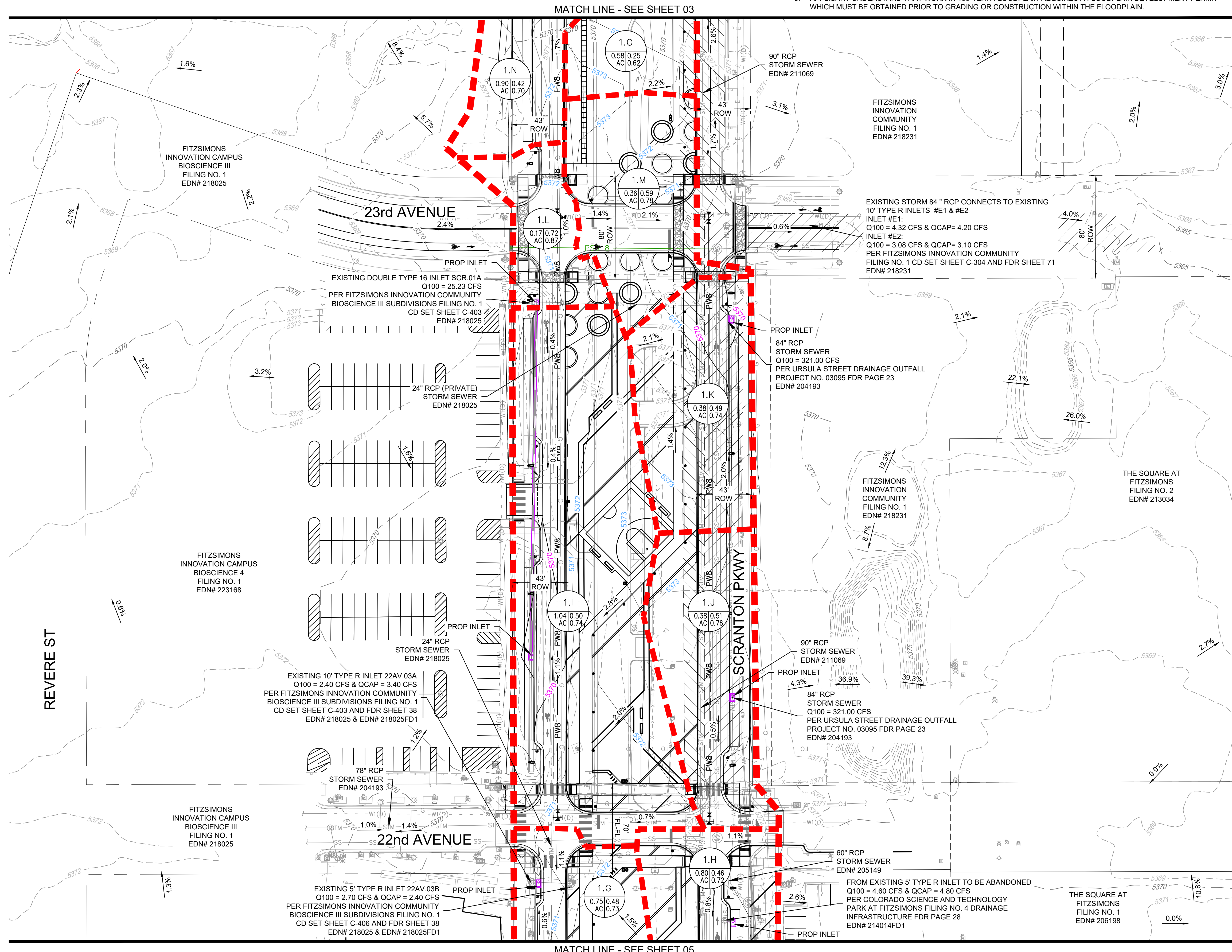
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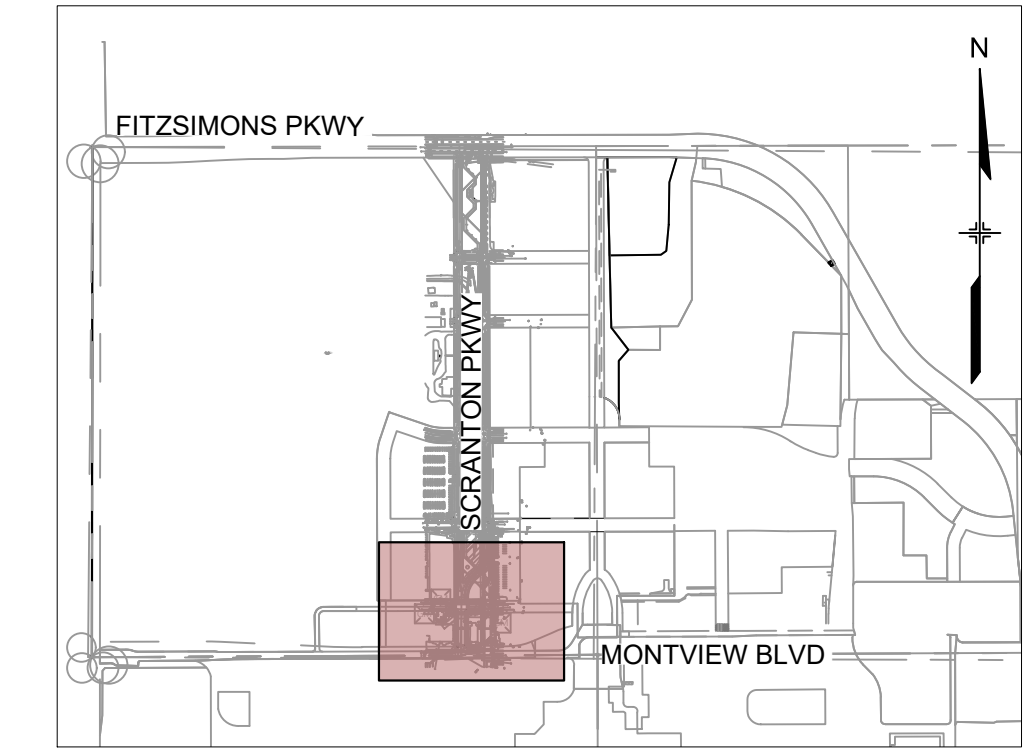


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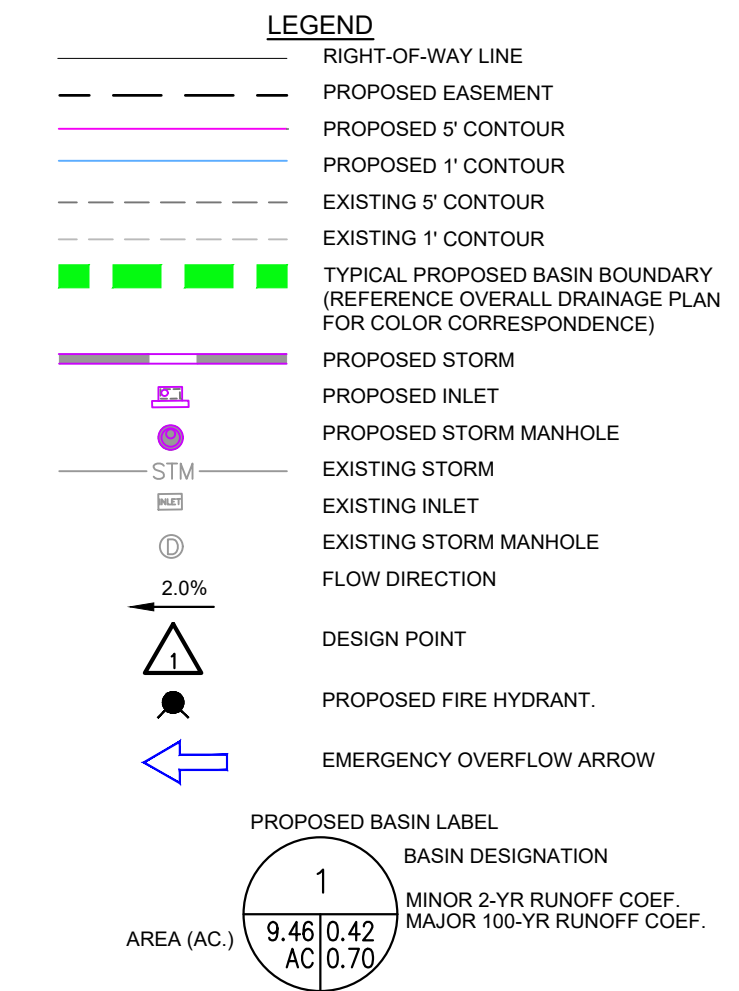
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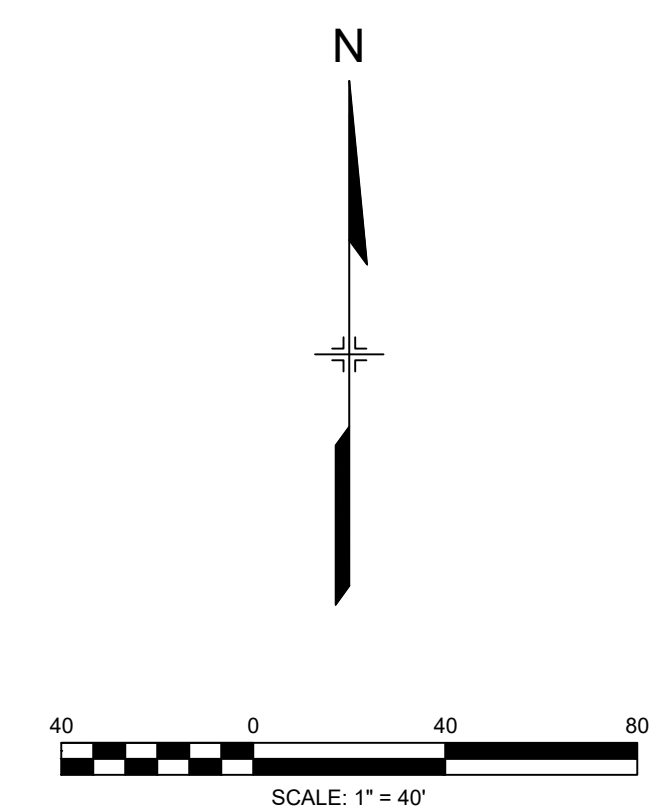
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FITZSIMONS INNOVATION CAMPUS
SCRANTON PARKWAY SITE PLAN

TITLE: DRAINAGE PLAN 04

DATE: MARCH 2025

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SHEET:05

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