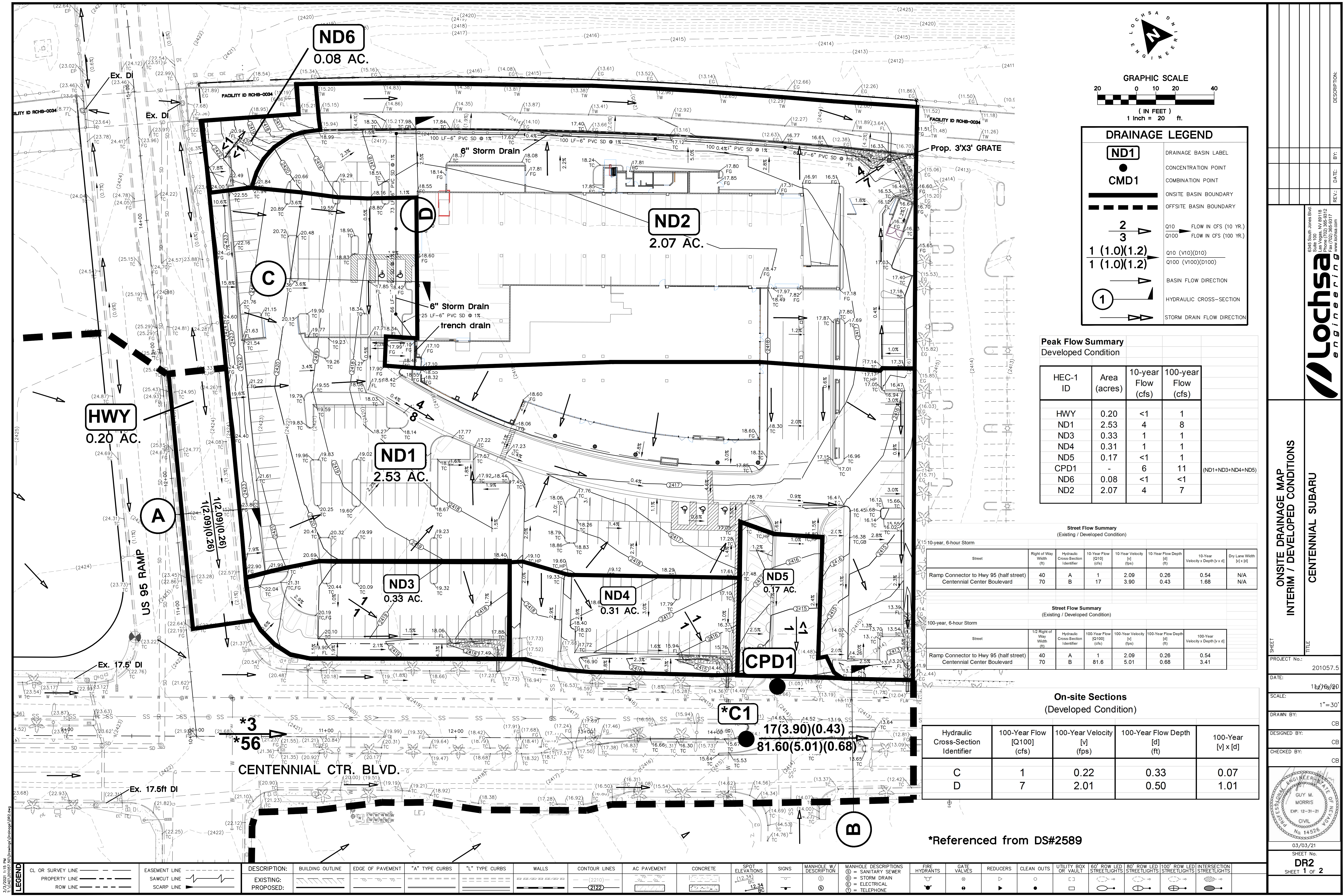


DRAINAGE LEGEND

ND1 DRAINAGE BASIN LABEL

CMD1 CONCENTRATION POINT

--- ONSITE BASIN BOUNDARY

--- OFFSITE BASIN BOUNDARY

$\frac{2}{3}$ Q10 FLOW IN CFS (10 YR.)

$\frac{1}{1}$ Q100 FLOW IN CFS (100 YR.)

$\frac{1}{1}$ Q10 (V10)(D10)

$\frac{1}{1}$ Q100 (V100)(D100)

--- BASIN FLOW DIRECTION

--- HYDRAULIC CROSS-SECTION

--- STORM DRAIN FLOW DIRECTION

Peak Flow Summary
Developed Condition

HEC-1 ID	Area (acres)	10-year Flow (cfs)	100-year Flow (cfs)
HWY	0.20	<1	1
ND1	2.53	4	8
ND3	0.33	1	1
ND4	0.31	1	1
ND5	0.17	<1	1
CPD1	-	6	11
ND6	0.08	<1	<1
ND2	2.07	4	7

(ND1+ND3+ND4+ND5)

Street Flow Summary
(Existing / Developed Condition)

15 10-year, 6-hour Storm

Street	Right of Way Width (ft)	Hydraulic Cross-Section Identifier	10-Year Flow [Q10] (cfs)	10-Year Velocity [V] (fps)	10-Year Flow Depth [d] (ft)	10-Year Velocity x Depth [v x d]	Dry Lane Width [w] x [d]
Ramp Connector to Hwy 95 (half street)	40	A	1	2.09	0.26	0.54	N/A
Centennial Center Boulevard	70	B	17	3.90	0.43	1.68	N/A

100-year, 6-hour Storm

Street	1/2 Right of Way Width (ft)	Hydraulic Cross-Section Identifier	100-Year Flow [Q100] (cfs)	100-Year Velocity [V] (fps)	100-Year Flow Depth [d] (ft)	100-Year Velocity x Depth [v x d]
Ramp Connector to Hwy 95 (half street)	40	A	1	2.09	0.26	0.54
Centennial Center Boulevard	70	B	81.6	5.01	0.68	3.41

On-site Sections
(Developed Condition)

Hydraulic Cross-Section Identifier	100-Year Flow [Q100] (cfs)	100-Year Velocity [V] (fps)	100-Year Flow Depth [d] (ft)	100-Year [V] x [d]
C	1	0.22	0.33	0.07
D	7	2.01	0.50	1.01

*Referenced from DS#2589

LEGEND

CL OR SURVEY LINE	EASEMENT LINE	DESCRIPTION:	BUILDING OUTLINE	EDGE OF PAVEMENT	"A" TYPE CURBS	"L" TYPE CURBS	WALLS	CONTOUR LINES	AC PAVEMENT	CONCRETE	SPOT ELEVATIONS	SIGNS	MANHOLE W/ DESCRIPTION	MANHOLE DESCRIPTIONS	FIRE HYDRANTS	GATE VALVES	REDUCERS	CLEAN OUTS	UTILITY BOX OR VAULT	60' ROW LED STREETLIGHTS	80' ROW LED STREETLIGHTS	100' ROW LED STREETLIGHTS	INTERSECTION STREETLIGHTS
PROPERTY LINE	SAWCUT LINE	EXISTING:																					
ROW LINE	SCARP LINE	PROPOSED:																					

3/2/2024 11:15 PM
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Lochsa
engineering

ONSITE DRAINAGE MAP
INTERIM / DEVELOPED CONDITIONS

CENTENNIAL SUBARU

SHEET No. 201057.5

DATE: 11/26/20

SCALE: 1" = 30'

DRAWN BY: CB

DESIGNED BY: CB

CHECKED BY: CB

PROFESSIONAL ENGINEER
GUY M. MORRIS
EXP. 12-31-21
CIVIL
No. 14526

03/03/21

SHEET No. DR2

SHEET 1 OF 2