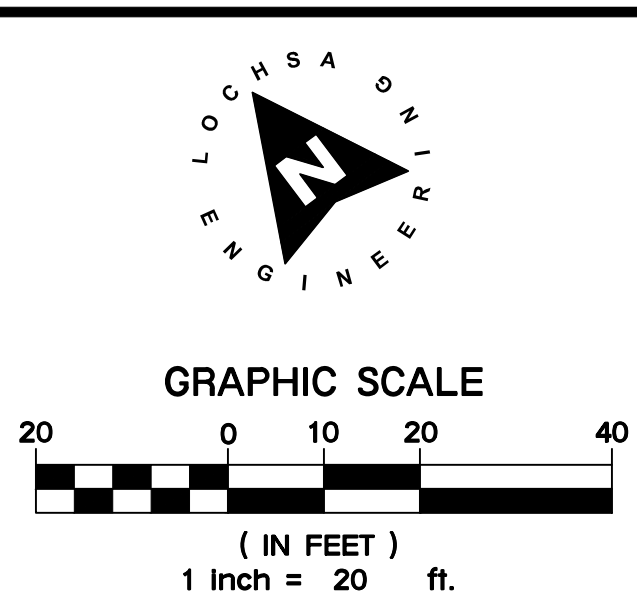
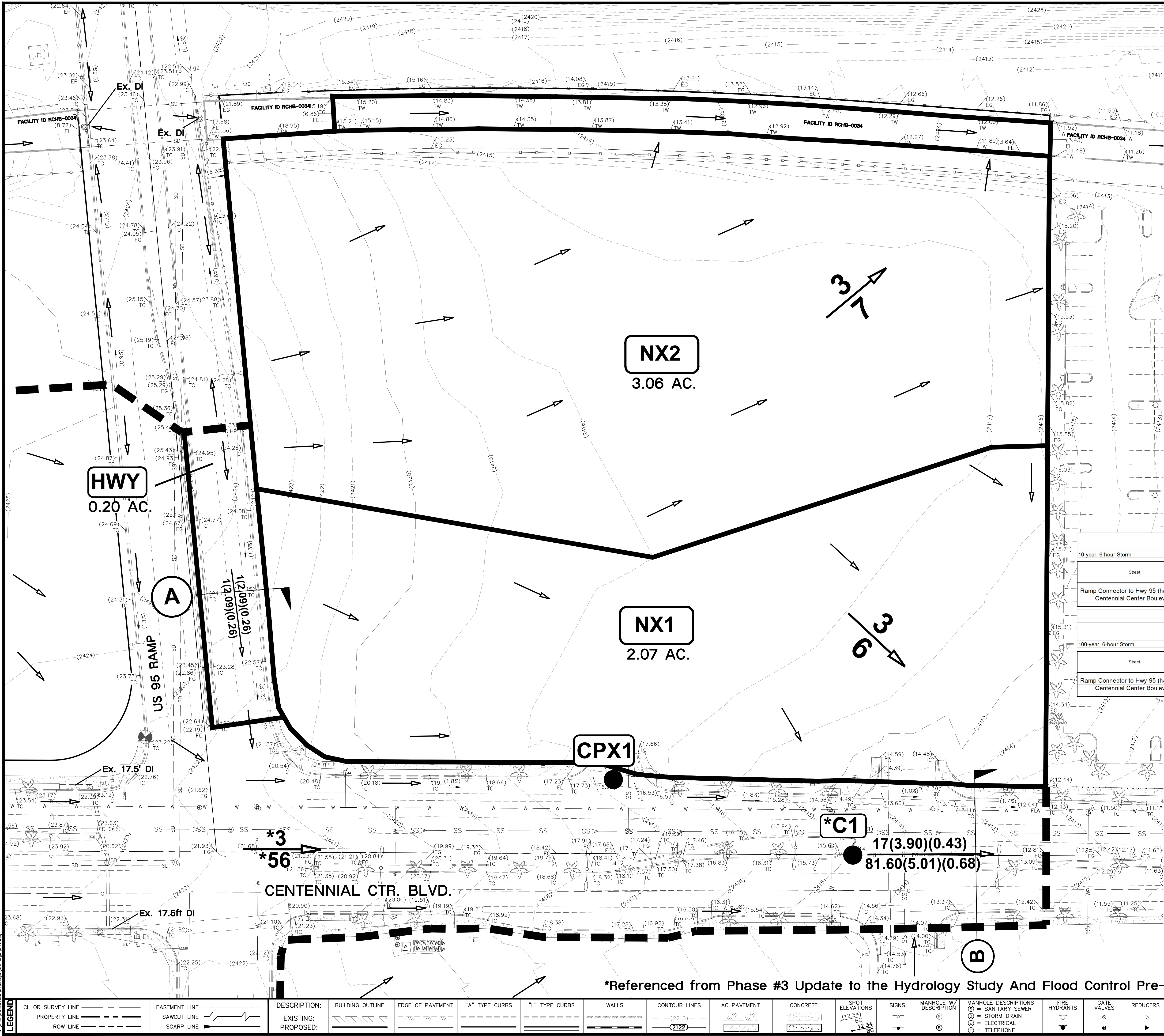




DRAINAGE LEGEND	
ND1	DRAINAGE BASIN LABEL
●	CONCENTRATION POINT
CMD1	COMBINATION POINT
---	ONSITE BASIN BOUNDARY
---	OFFSITE BASIN BOUNDARY
$\frac{2}{3}$	Q10 FLOW IN CFS (10 YR.)
$\frac{1}{1}$	Q100 FLOW IN CFS (100 YR.)
$\frac{1}{1}$	Q10 (V10)(D10)
$\frac{1}{1}$	Q100 (V100)(D100)
→	BASIN FLOW DIRECTION
→	HYDRAULIC CROSS-SECTION
→	STORM DRAIN FLOW DIRECTION

Peak Flow Summary				
Existing Condition				
HEC-1 ID	Area (acres)	10-year Flow (cfs)	100-year Flow (cfs)	
HWY	0.20	<1	1	
NX1	2.07	3	6	
CPX1	-	3	7	(HWY+NX1)
NX2	3.06	3	7	

Street Flow Summary (Existing / Developed Condition)							
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 [v] 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	

LEGEND		DESCRIPTION:															
CL OR SURVEY LINE		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
PROPERTY LINE		SAWCUT LINE											① = SANITARY SEWER				UTILITY BOX OR VAULT
ROW LINE		SCARP LINE	EXISTING:										② = STORM DRAIN				60' ROW LED STREETLIGHTS
			PROPOSED:										③ = ELECTRICAL				80' ROW LED STREETLIGHTS
													④ = TELEPHONE				100' ROW LED STREETLIGHTS
																	INTERSECTION STREETLIGHTS

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Lochsa
engineering

ONSITE DRAINAGE MAP
EXISTING CONDITION

CENTENNIAL SUBARU

SHEET No. 03/03/21
DR1
SHEET 1 OF 2

PROJECT No.: 201057.5
DATE: 03/18/21
SCALE: 1" = 30'
DRAWN BY: CB
DESIGNED BY: CB
CHECKED BY: CB

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