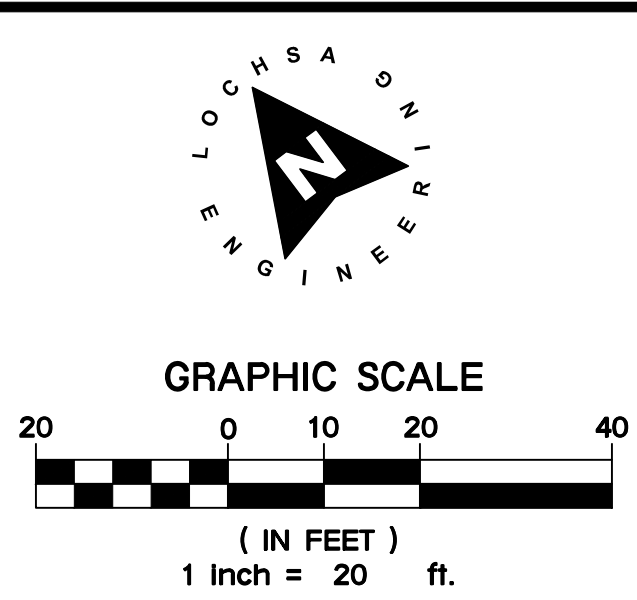
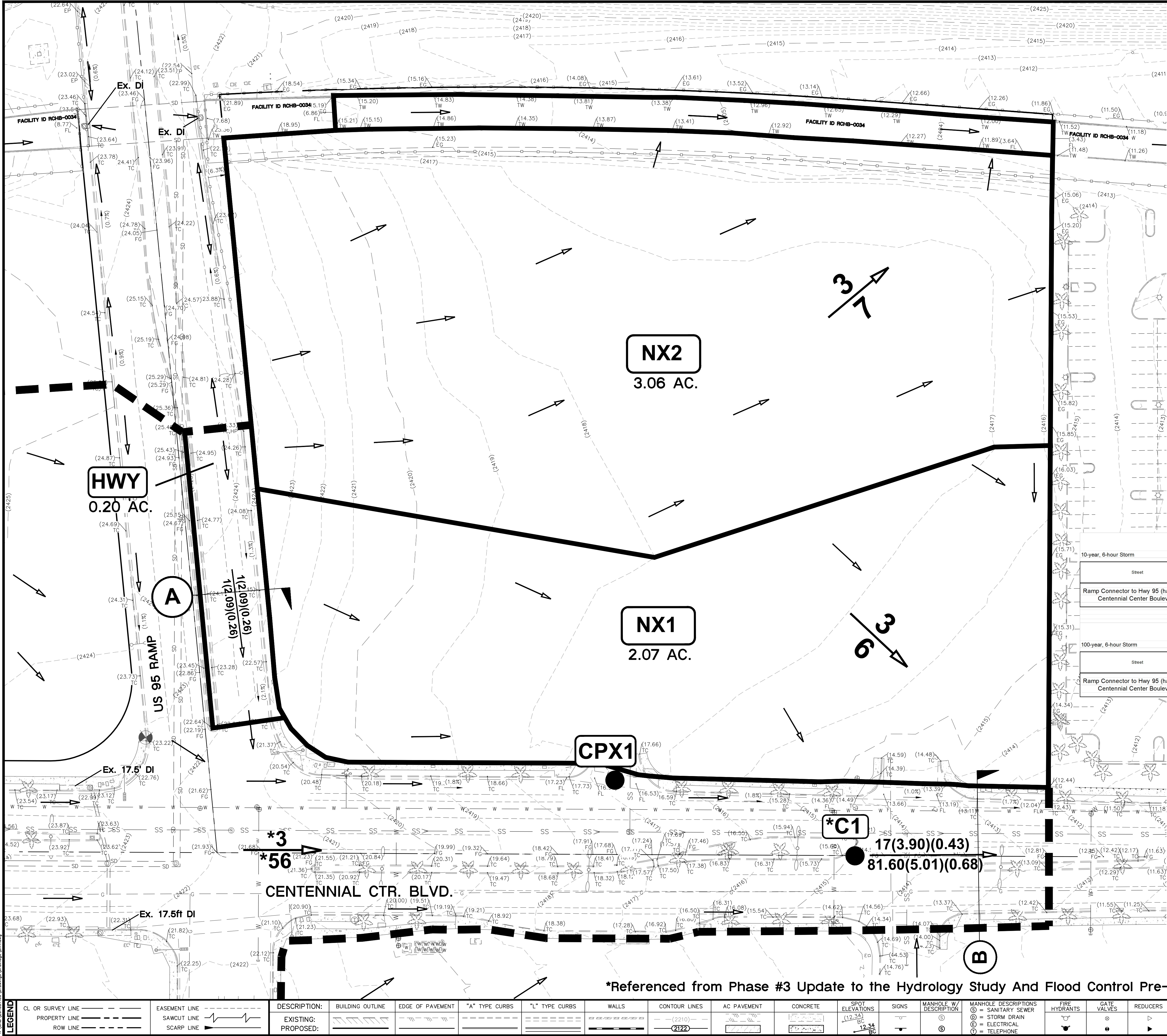




| DRAINAGE LEGEND |                            |
|-----------------|----------------------------|
| <b>ND1</b>      | DRAINAGE BASIN LABEL       |
| <b>●</b>        | CONCENTRATION POINT        |
| <b>CMD1</b>     | COMBINATION POINT          |
| <b>---</b>      | ONSITE BASIN BOUNDARY      |
| <b>---</b>      | 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)          |
| <b>→</b>        | BASIN FLOW DIRECTION       |
| <b>→</b>        | HYDRAULIC CROSS-SECTION    |
| <b>→</b>        | 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: | 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 |
|-------------------|--|--------------|------------------|------------------|----------------|----------------|-------|---------------|-------------|----------|-----------------|-------|------------------------|----------------------|---------------|-------------|----------|------------|----------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| CL OR SURVEY LINE |  | EXISTING:    |                  |                  |                |                |       |               |             |          |                 |       |                        | ⊙ = SANITARY SEWER   |               |             |          |            |                      |                          |                          |                           |                           |
| PROPERTY LINE     |  | PROPOSED:    |                  |                  |                |                |       |               |             |          |                 |       |                        | ⊙ = STORM DRAIN      |               |             |          |            |                      |                          |                          |                           |                           |
| ROW LINE          |  |              |                  |                  |                |                |       |               |             |          |                 |       |                        | ⊙ = ELECTRICAL       |               |             |          |            |                      |                          |                          |                           |                           |
|                   |  |              |                  |                  |                |                |       |               |             |          |                 |       |                        | ⊙ = TELEPHONE        |               |             |          |            |                      |                          |                          |                           |                           |
| EASEMENT LINE     |  |              |                  |                  |                |                |       |               |             |          |                 |       |                        |                      |               |             |          |            |                      |                          |                          |                           |                           |
| SAWCUT LINE       |  |              |                  |                  |                |                |       |               |             |          |                 |       |                        |                      |               |             |          |            |                      |                          |                          |                           |                           |
| SCARP LINE        |  |              |                  |                  |                |                |       |               |             |          |                 |       |                        |                      |               |             |          |            |                      |                          |                          |                           |                           |

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engineering

ONSITE DRAINAGE MAP  
EXISTING CONDITION

CENTENNIAL SUBARU

SHEET 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

03/03/21

SHEET No. DR1

SHEET 1 OF 2