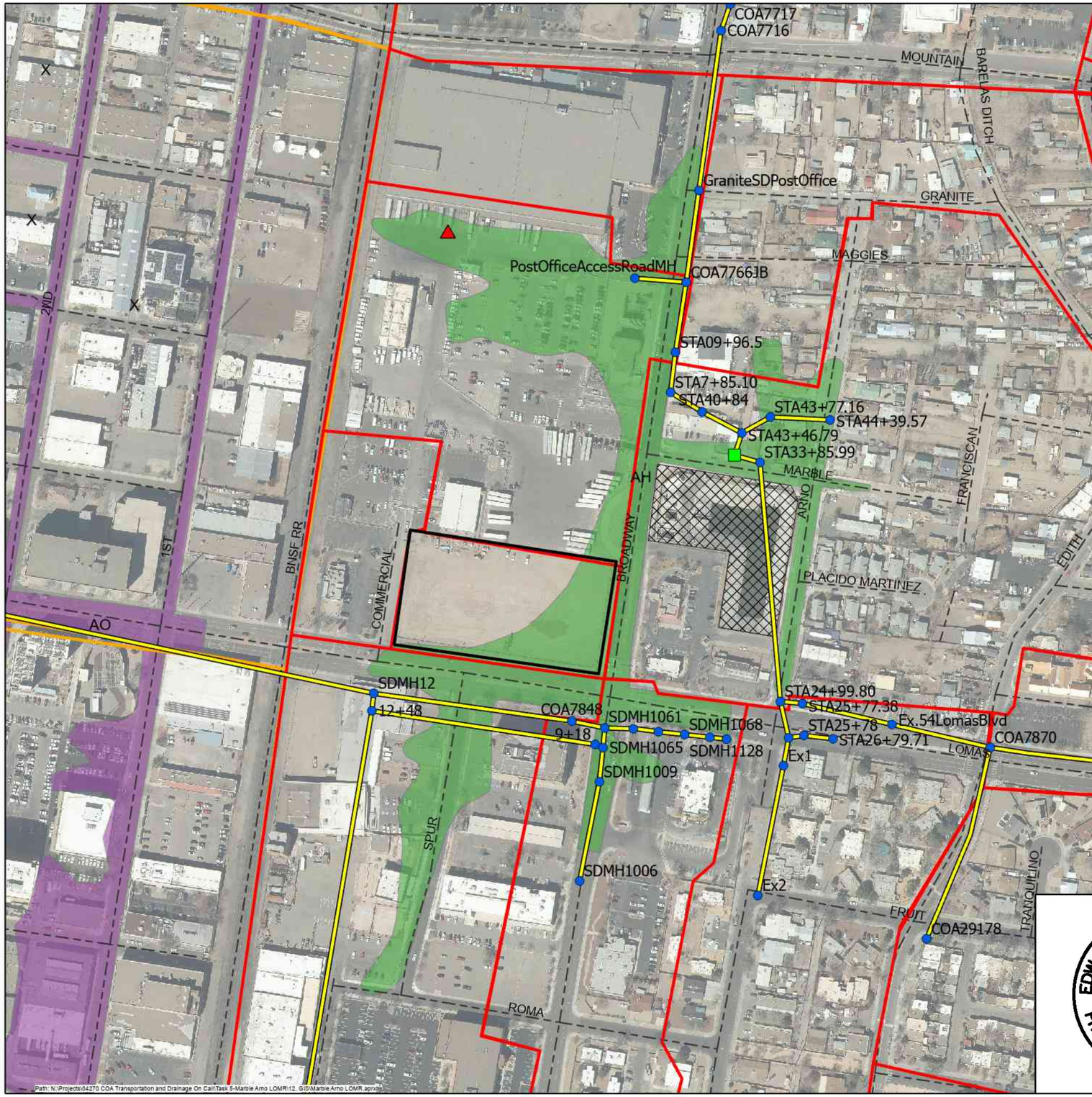

HGL Summary for Critical Junctions In the Existing Zone AH								
Junction ID	Rim Elevation (ft)	HGL Elevation (ft)	Max Ponded Depth [1] (ft)	Max Ponded Depth [1] (inches)	Depth Above Rim (ft)	Ponded Area Assigned	Curb Height (ft)	Is Depth > 1 ft
3	4957	4957.03	0.025	0.30	0.03	Yes	0.66	No
2	4957	4957	0.003	0.04	0	Yes	0.66	No
12+48	4957.4	4957.4	0	0.00	0	No	0.66	No
SDMH 12	4957.4	4957.43	0	0.00	0.03	No	0.66	No
SDMH 1006	4958.4	4958.42	0.025	0.30	0.02	Yes	0.66	No
SDMH 1009	4957.4	4957.37	0	0.00	-0.03	Yes	0.66	No
SDMH 1065	4956.1	4956.08	0	0.00	-0.02	Yes	0.66	No
9+18	4956	4956.05	0.052	0.62	0.05	Yes	0.66	No
SDMH 1062	4955.9	4955.99	0.14	1.68	0.09	Yes	0.66	No
COA 7848	4955.8	4955.99	0.16	1.92	0.19	Yes	0.66	No
SDMH 1061	4955.9	4955.98	0.064	0.77	0.08	No	0.66	No
SDMH 1064	4955.9	4955.93	0	0.00	0.03	No	0.66	No
SDMH 1068	4956.5	4956.38	0	0.00	-0.12	No	0.66	No
SDMH 1134	4957.2	4957.2	0	0.00	0	No	0.66	No
Sta24+99.80	4958.5	4957.02	0	0.00	-1.48	No	0.66	No
Sta33+85.99	4956.8	4953.26	0	0.00	-3.54	No	0.66	No
Sta44+39.57	4955.7	4954	0	0.00	-1.7	Yes	0.66	No
Sta43+77.16	4955.2	4953.92	0	0.00	-1.28	Yes	0.66	No
Sta43+46.79	4955.5	4953.84	0	0.00	-1.66	Yes	0.66	No
Sta40+84	4956.3	4954.42	0	0.00	-1.88	yes	0.66	No
Sta17+85.10	4956.6	4954.88	0	0.00	-1.72	Yes	0.66	No
Sta09+96.5	4956.3	4956.11	0	0.00	-0.19	Yes	0.66	No
COA7766JB	4956.3	4957.23	0.93	11.16	0.93	Yes	0.66	No
GraniteSD Post Office	4957	4957.76	0.79	9.48	0.76	Yes	0.66	No

1 SWMM uses a combination of the maximum HGL, surge volume and the allocated ponded area to compute the flood depth above each junction

Subbasins designated BR are contributing to the Marble Arno Project

EDWARD CHRISTIAN NADU
NEW MEXICO
22997
7/5/2023
PROFESSIONAL ENGINEER

Legend

- BR Basin Post Const
- Non-Tributary Basins
- Post Office Detention Pond
- Marble Arno Pump Station
- COA Streets
- Junctions
- Storages
- Outfalls
- Conduits

FLD_ZONE

- A
- AE
- AH
- AO
- D
- X

Notes:
Horizontal Datum:
Name: NAD 1983 HARN StatePlane New Mexico Central FIPS 3002 Feet
Orthophoto Source: MRCOG 2022
Orthophotography Mosaic

Figure 12
Hydraulic Grade Line Summary of Junctions
Marble Arno LOMR
July 2023

N

0 125 250 Feet

Prepared for:

ONE ALBUQUERQUE

Prepared by:

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