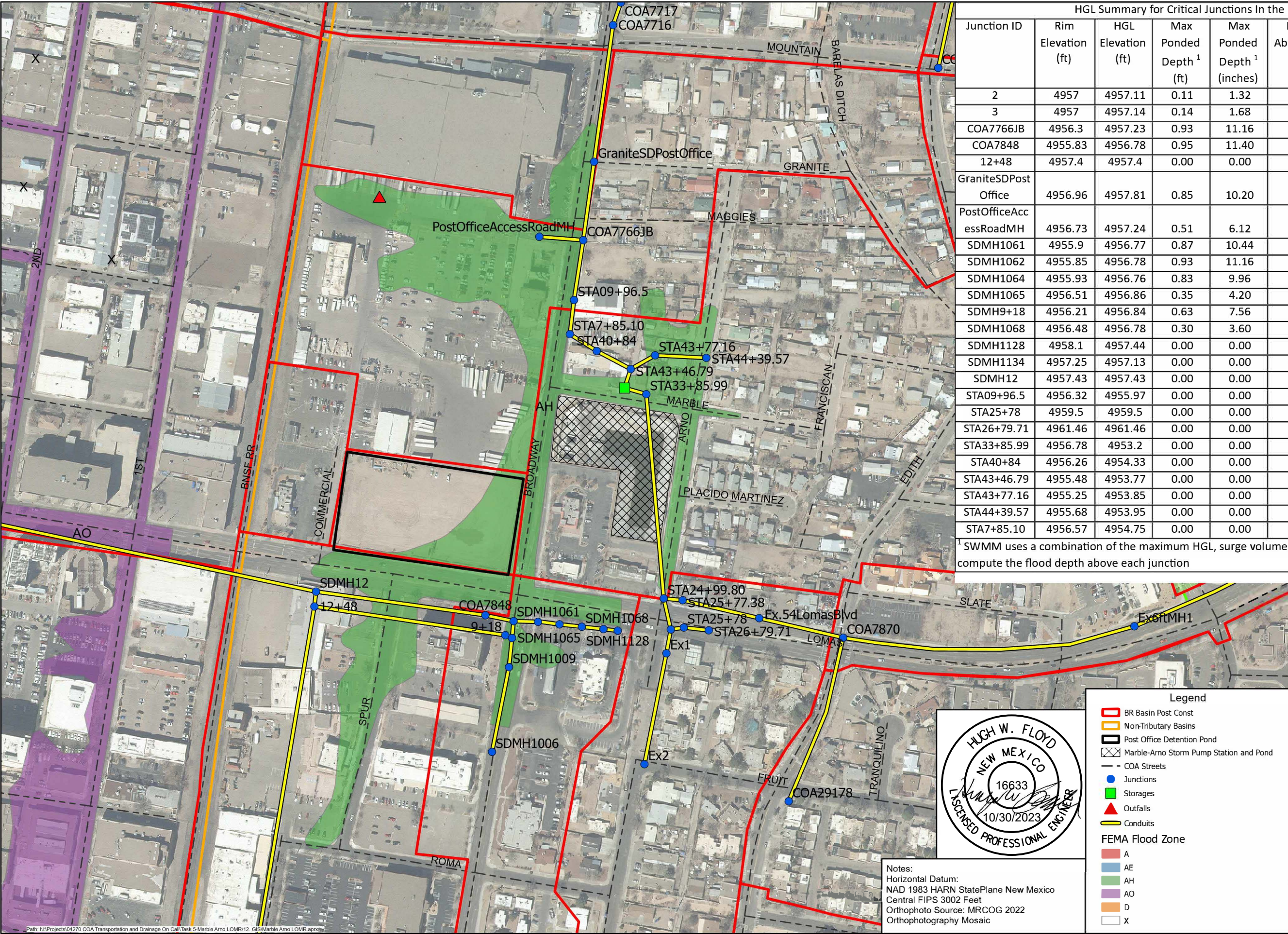




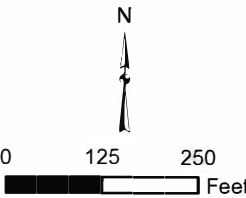
HGL Summary for Critical Junctions In the Existing Zone AH								
Junction ID	Rim Elevation (ft)	HGL Elevation (ft)	Max Pondered Depth ¹ (ft)	Max Pondered Depth ¹ (inches)	Depth Above Rim (ft)	Pondered Area Assigned	Curb Height (ft)	Is Depth > 1 ft
2	4957	4957.11	0.11	1.32	0.11	Yes	0.67	No
3	4957	4957.14	0.14	1.68	0.14	Yes	0.67	No
COA7766JB	4956.3	4957.23	0.93	11.16	0.93	Yes	0.67	No
COA7848	4955.83	4956.78	0.95	11.40	0.95	Yes	0.67	No
12+48	4957.4	4957.4	0.00	0.00	0.00	Yes	0.67	No
GraniteSDPost Office	4956.96	4957.81	0.85	10.20	0.85	Yes	0.67	No
PostOfficeAccessRoadMH	4956.73	4957.24	0.51	6.12	0.51	Yes	0.67	No
SDMH1061	4955.9	4956.77	0.87	10.44	0.87	Yes	0.67	No
SDMH1062	4955.85	4956.78	0.93	11.16	0.93	Yes	0.67	No
SDMH1064	4955.93	4956.76	0.83	9.96	0.83	Yes	0.67	No
SDMH1065	4956.51	4956.86	0.35	4.20	0.35	Yes	0.67	No
SDMH9+18	4956.21	4956.84	0.63	7.56	0.63	Yes	0.67	No
SDMH1068	4956.48	4956.78	0.30	3.60	0.30	Yes	0.67	No
SDMH1128	4958.1	4957.44	0.00	0.00	-0.66	Yes	0.67	No
SDMH1134	4957.25	4957.13	0.00	0.00	-0.12	No	0.67	No
SDMH12	4957.43	4957.43	0.00	0.00	0.00	No	0.67	No
STA09+96.5	4956.32	4955.97	0.00	0.00	-0.35	No	0.67	No
STA25+78	4959.5	4959.5	0.00	0.00	0.00	Yes	0.67	No
STA26+79.71	4961.46	4961.46	0.00	0.00	0.00	Yes	0.67	No
STA33+85.99	4956.78	4953.2	0.00	0.00	-3.58	Yes	0.67	No
STA40+84	4956.26	4954.33	0.00	0.00	-1.93	yes	0.67	No
STA43+46.79	4955.48	4953.77	0.00	0.00	-1.71	Yes	0.67	No
STA43+77.16	4955.25	4953.85	0.00	0.00	-1.40	Yes	0.67	No
STA44+39.57	4955.68	4953.95	0.00	0.00	-1.73	Yes	0.67	No
STA7+85.10	4956.57	4954.75	0.00	0.00	-1.82	Yes	0.67	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

Figure 5-1
Hydraulic Grade Line
Summary of Junctions

Marble Arno LOMR
October 2023



Prepared for:

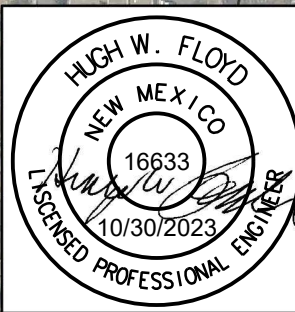
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Prepared by:



RESPEC

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