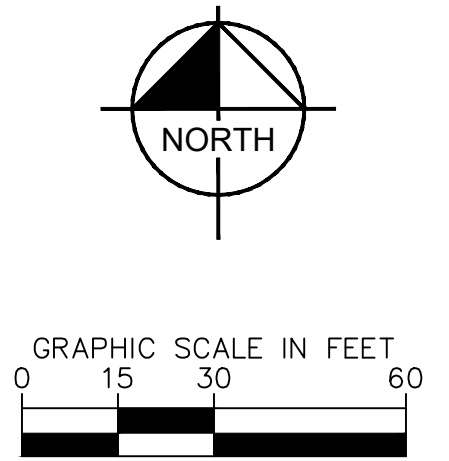
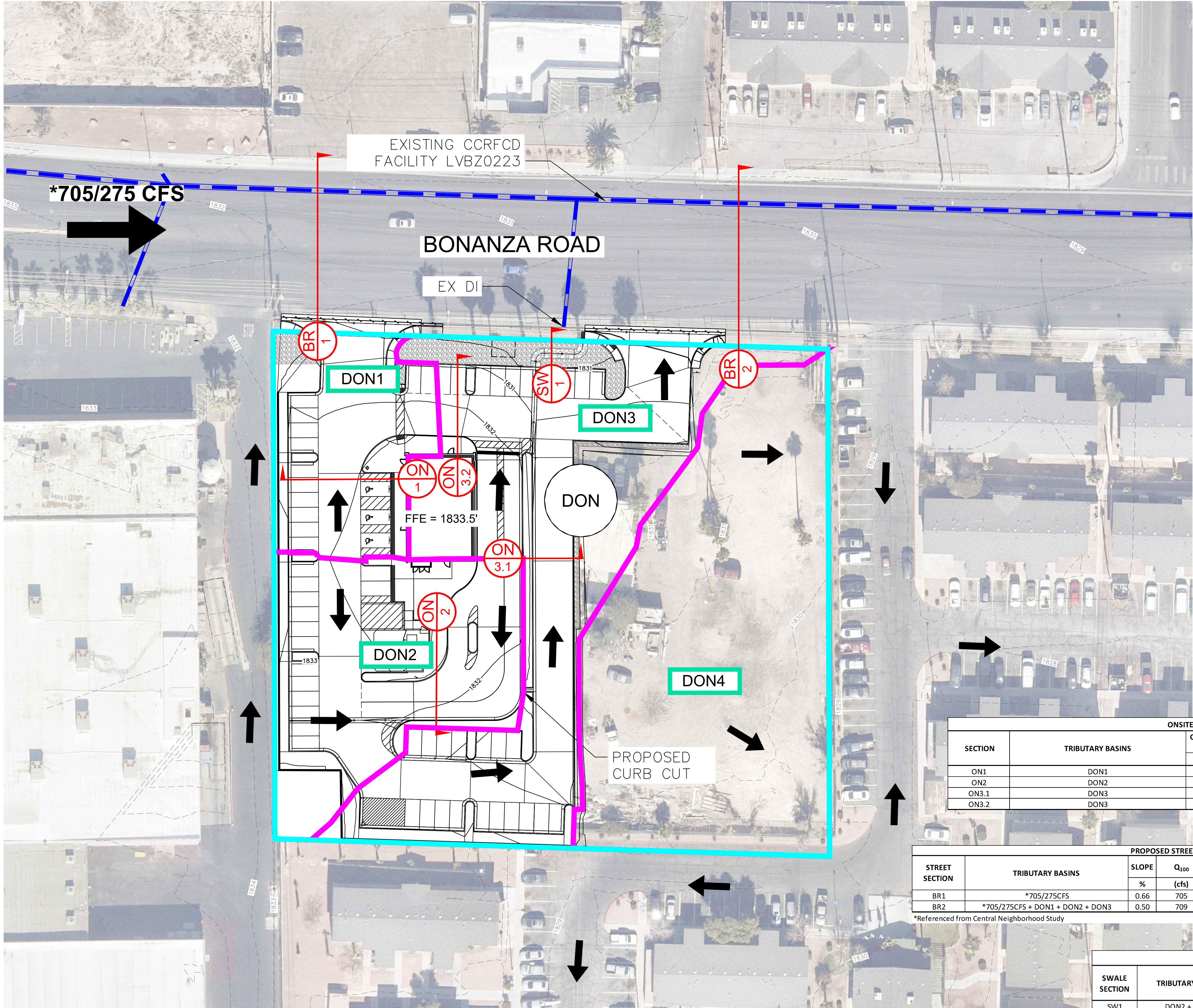


Plotted By: Seefeld, Sean. Sheet Set No.: Layout-KHA. July 25, 2024. 09:42:51pm. K:\LAV\_Civil\192363004-Bonanza Express Eastern & Bonanza's Beach's Drainage 02\_ADD\Figures\Fig\_ADD.dwg  
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**LEGEND**

- SITE BASIN ID
- XXX-X PRORATED BASIN ID
- BASIN BOUNDARY
- PRORATED BASIN BOUNDARY
- XX CFS 100/10YR CFS
- FLOW ARROW
- CPX CONCENTRATION POINT
- XX SECTION ID
- EXISTING REGIONAL FACILITY

**PANDA EXPRESS - EASTERN AND BONANZA**

**PROPOSED FLOW SUMMARY TABLE**

BASIN ID/ COMB. PT.	BASIN AREA (ac)	100-YR FLOW (cfs)	10-YR FLOW (cfs)
DON	2.35	6	3

**PROPOSED CONDITION**

**PROPOSED FLOW SUMMARY**

SUBBASIN	Q <sub>100</sub> (cfs)	Q <sub>10</sub> (cfs)	AREA (ac)	Q <sub>100</sub> (cfs/acre)	Q <sub>10</sub> (cfs/acre)
DON	6	3	2.35	2.55	1.28

**Proposed Offsite/ Onsite Prorated Basins**

SUBBASIN	Q <sub>100</sub> (cfs)	Q <sub>10</sub> (cfs)	AREA (ac)	Q <sub>100</sub> (cfs/acre)	Q <sub>10</sub> (cfs/acre)
DON1	1	<1	0.27	2.55	1.28
DON2	1	1	0.44	2.55	1.28
DON3	2	1	0.80	2.55	1.28
DON4	2	1	0.84	2.55	1.28
<b>TOTAL</b>	<b>6</b>	<b>3</b>	<b>2.35</b>	<b>NA</b>	<b>NA</b>

**ONSITE HYDRAULIC SECTIONS**

SECTION	TRIBUTARY BASINS	CHANNEL SLOPE	Q <sub>100</sub>	FLOW DEPTH	VELOCITY	FLOW LINE	FLOW LINE + 2D	FFE BLDG	BLDG PROTECTED?
		%	(cfs)	(ft)	(ft/s)	(ft)	(ft)	(ft)	
ON1	DON1	0.96	1.0	0.26	1.45	1832.31	1832.83	1833.50	YES
ON2	DON2	0.50	1.0	0.29	1.26	1831.84	1832.42	1833.50	YES
ON3.1	DON3	0.40	2.0	0.36	1.32	1831.43	1832.15	1833.50	YES
ON3.2	DON3	1.00	2.0	0.32	1.87	1831.03	1831.67	1833.50	YES

**PROPOSED STREET HYDRAULIC SECTIONS**

STREET SECTION	TRIBUTARY BASINS	SLOPE	Q <sub>100</sub>	FLOW DEPTH	VELOCITY	D*V	Q <sub>10</sub>	FLOW DEPTH	VELOCITY	D*V	Dry Lane
		%	(cfs)	(ft)	(ft/s)	ft <sup>2</sup> /s	(cfs)	(ft)	(ft/s)	ft <sup>2</sup> /s	
BR1	*705/275CFS	0.66	705	1.55	7.26	11.25	275	1.13	5.00	5.65	0
BR2	*705/275CFS + DON1 + DON2 + DON3	0.50	709	1.64	6.69	10.97	277	1.18	4.61	5.44	0

\*Referenced from Central Neighborhood Study

**SWALE HYDRAULIC SECTIONS**

SWALE SECTION	TRIBUTARY BASIN	CHANNEL SLOPE	Q <sub>100</sub>	FLOW DEPTH	VELOCITY	D*V	TYPE	SIDE SLOPES	Req'd d <sub>50</sub>	
		%	(cfs)	(ft)	(ft/s)	ft <sup>2</sup> /s				
SW1	DON2 + DON3	0.50	3.0	0.71	1.48	1.05	V	4:1	4:1	6"

**Kimley >>> Horn**

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DATE: JULY 19, 2024

SCALE: AS SHOWN

DESIGNED BY: SM

DRAWN BY: SS

CHECKED BY: MS

07/19/24

PROPOSED CONDITION  
BASIN MAP

PANDA EXPRESS - EASTERN AND BONANZA  
PREPARED FOR  
PANDA RESTAURANT GROUP

NEVADA  
CITY OF LAS VEGAS