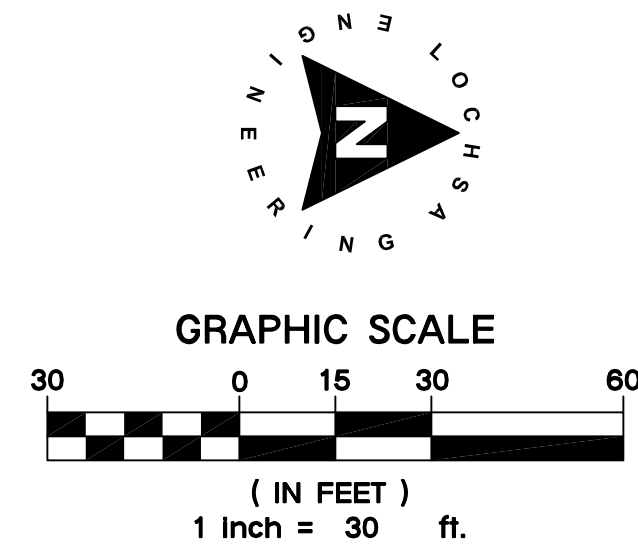
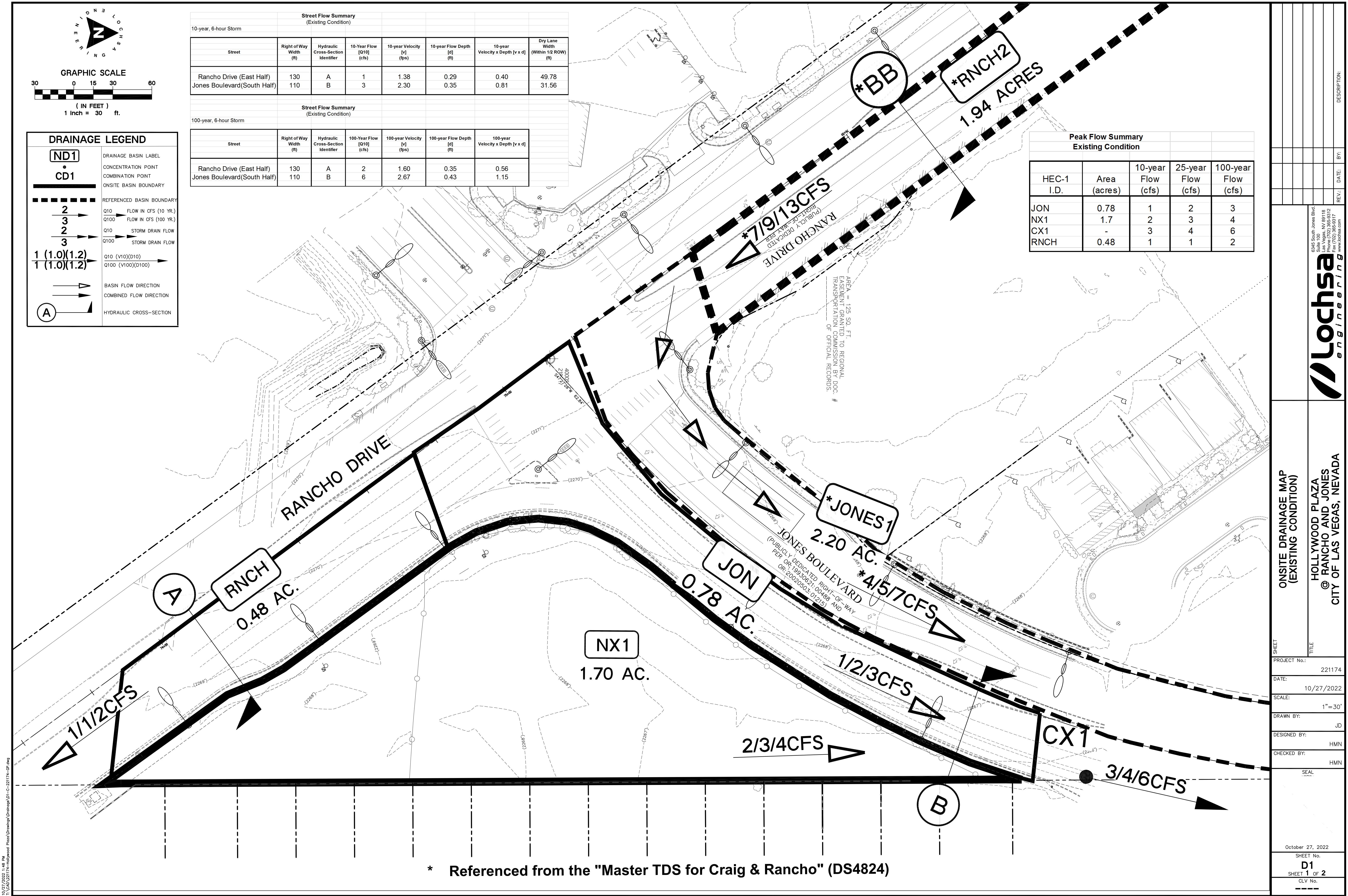




DRAINAGE LEGEND	
ND1	DRAINAGE BASIN LABEL
•	CONCENTRATION POINT
CD1	COMBINATION POINT
---	ONSITE BASIN BOUNDARY
---	REFERENCED BASIN BOUNDARY
2	Q10 FLOW IN CFS (10 YR.)
3	Q100 FLOW IN CFS (100 YR.)
2	Q10 STORM DRAIN FLOW
3	Q100 STORM DRAIN FLOW
1 (1.0)(1.2)	Q10 (V10)(D10)
1 (1.0)(1.2)	Q100 (V100)(D100)
→	BASIN FLOW DIRECTION
→	COMBINED FLOW DIRECTION
A	HYDRAULIC CROSS-SECTION

Street Flow Summary (Existing 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 (Within 1/2 ROW) (ft)
Rancho Drive (East Half)	130	A	1	1.38	0.29	0.40	49.78
Jones Boulevard(South Half)	110	B	3	2.30	0.35	0.81	31.56
100-year, 6-hour Storm							
Street	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]	
Rancho Drive (East Half)	130	A	2	1.60	0.35	0.56	
Jones Boulevard(South Half)	110	B	6	2.67	0.43	1.15	

Peak Flow Summary Existing Condition				
HEC-1 I.D.	Area (acres)	10-year Flow (cfs)	25-year Flow (cfs)	100-year Flow (cfs)
JON	0.78	1	2	3
NX1	1.7	2	3	4
CX1	-	3	4	6
RNCH	0.48	1	1	2



* Referenced from the "Master TDS for Craig & Rancho" (DS4824)

ONSITE DRAINAGE MAP
(EXISTING CONDITION)

HOLLYWOOD PLAZA
© RANCHO AND JONES
CITY OF LAS VEGAS, NEVADA

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SHEET
PROJECT No.: 221174
DATE: 10/27/2022
SCALE: 1"=30'
DRAWN BY: JD
DESIGNED BY: HMN
CHECKED BY: HMN
SEAL

October 27, 2022
SHEET No.
D1
SHEET 1 of 2
CLV No.