



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
<b>2</b>	Q10 FLOW IN CFS (10 YR.)
<b>3</b>	Q100 FLOW IN CFS (100 YR.)
<b>1 (1.0)(1.2)</b>	Q10 (V10)(D10)
<b>1 (1.0)(1.2)</b>	Q100 (V100)(D100)
<b>→</b>	BASIN FLOW DIRECTION
<b>1</b>	HYDRAULIC CROSS-SECTION

Peak Flow Summary				
Developed Condition				
HEC-1 ID	Area (acres)	10-year Flow	100-year Flow	
FD1	15.01	25	46	
ND2	0.39	1	1	
ND1	0.64	1	2	

Street Flow Summary (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 (within 1/2 ROW) (ft)
Spanish Oaks	75	1	25	2.73	0.64	1.75	N/A
Sahara Avenue (North half)	75	2	210	9.46	0.99	9.37	N/A
Street Flow Summary (Developed Condition)							
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]	
Spanish Oaks	75	1	46	3.45	0.75	2.59	
Sahara Avenue (North half)	75	2	455	11.72	1.26	14.77	

CL OR SURVEY LINE	EASEMENT LINE	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
---	---	EXISTING:	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
---	---	PROPOSED:	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

6346 South Jones Blvd.  
Suite 100  
Dallas, TX 75241  
Phone (714) 365-5912  
Fax (714) 365-5317  
www.lochsa.com

Lochsa

ENGINEERING

ONSITE DRAINAGE MAP  
(DEVELOPED CONDITION)

CAR WASH WEST SAHARA

SHEET No. DR2

PROJECT No.: 221125

DATE: 12/8/2022

SCALE: 1"=20'

DRAWN BY: CB

DESIGNED BY: CB

CHECKED BY: CB

DIGITAL SIGNATURE:

SHEET No. DR2

SHEET 1 OF 1

OFFSITE HTE No.