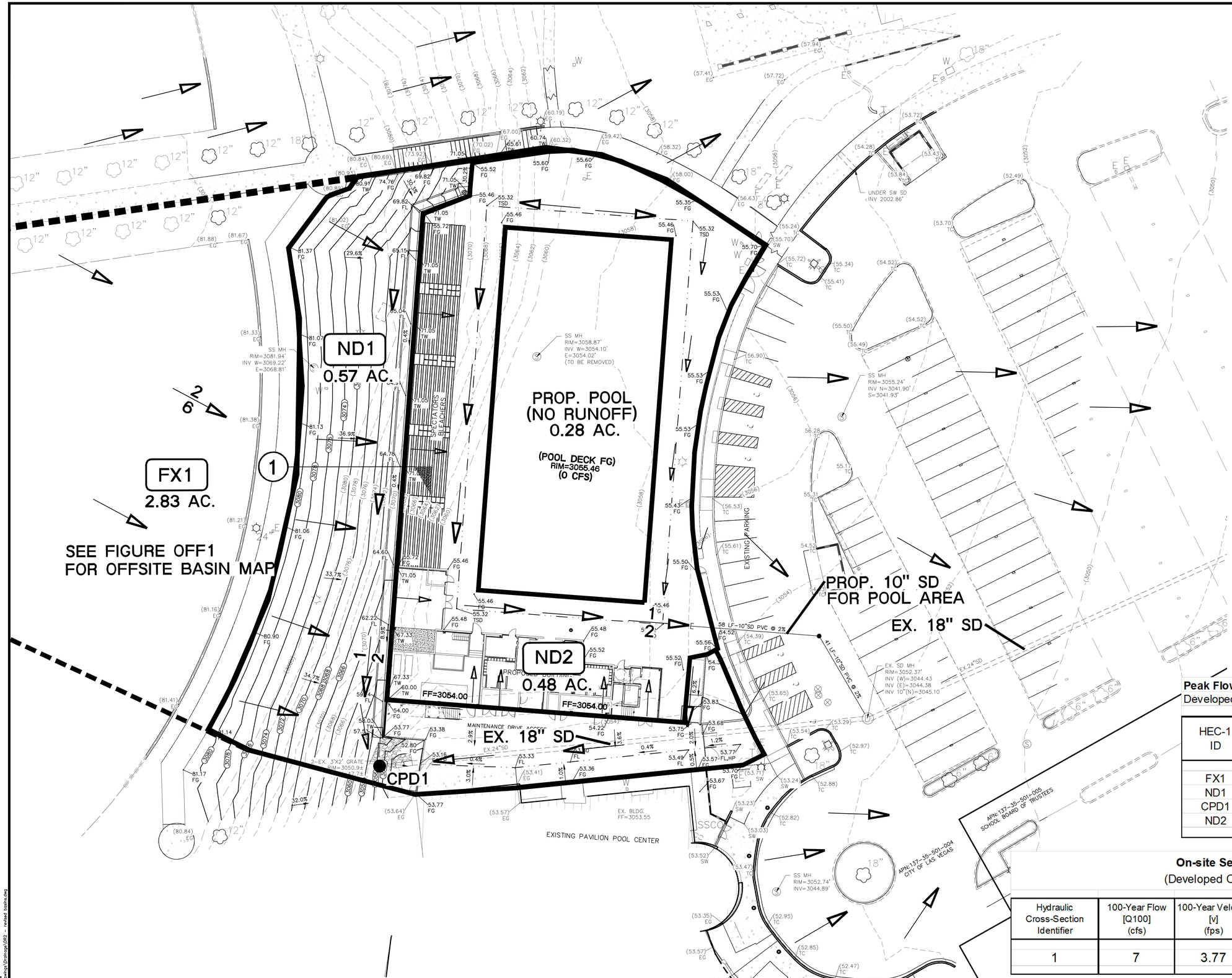

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)
1 inch = 20 ft.

DRAINAGE LEGEND

ND1	DRAINAGE BASIN LABEL
CMD1	CONCENTRATION POINT / COMBINATION POINT
	ONSITE BASIN BOUNDARY
	OFFSITE BASIN BOUNDARY
2 / 3	Q10 FLOW IN CFS (10 YR.) / Q100 FLOW IN CFS (100 YR.)
	BASIN FLOW DIRECTION

Peak Flow Summary
Developed Condition

HEC-1 ID	Area (acres)	10-year Flow (cfs)	100-year Flow (cfs)	
FX1	2.83	2	6	
ND1	0.57	1	2	
CPD1	-	3	7	(FX1 + ND1)
ND2	0.48	1	2	

On-site Sections
(Developed Condition)

Hydraulic Cross-Section Identifier	100-Year Flow [Q100] (cfs)	100-Year Velocity [v] (fps)	100-Year Flow Depth [d] (ft)	100-Year [v] x [d]
1	7	3.77	0.46	1.73

LEGEND

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
PROPERTY LINE	SAWCUT LINE	EXISTING:						(2210)			(12.34) BC		Ⓢ	Ⓢ = SANITARY SEWER									
ROW LINE	SCARP LINE	PROPOSED:						2122			12.34 BC		Ⓢ	Ⓓ = STORM DRAIN									
														Ⓔ = ELECTRICAL									
														Ⓣ = TELEPHONE									

REV.:	DATE:	BY:	DESCRIPTION:

Lochsa engineering
6345 South Jones Blvd.
Suite 100
Las Vegas, NV 89118
Phone (702) 362-0072
Fax (702) 365-9017
www.lochsa.com

SHEET

TITLE: ONSITE DRAINAGE MAP (DEVELOPED CONDITION)
CITY OF LAS VEGAS
REGIONAL AQUATIC CENTER AT PAVILION
LAS VEGAS, NEVADA

PROJECT No.: 211046
DATE: 1/31/2023
SCALE: 1"=20'
DRAWN BY: CB
DESIGNED BY: CB
CHECKED BY: CB

PROFESSIONAL ENGINEER - STATE OF NEVADA
GUY M. MORRIS
Exp. 12/31/23
CIVIL
No. 14526

SHEET No.
DR2
SHEET 2 OF 2

L21-00693
107V8815

1/31/2023 9:51 AM
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