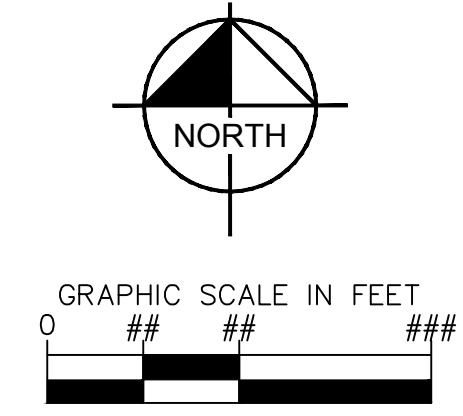
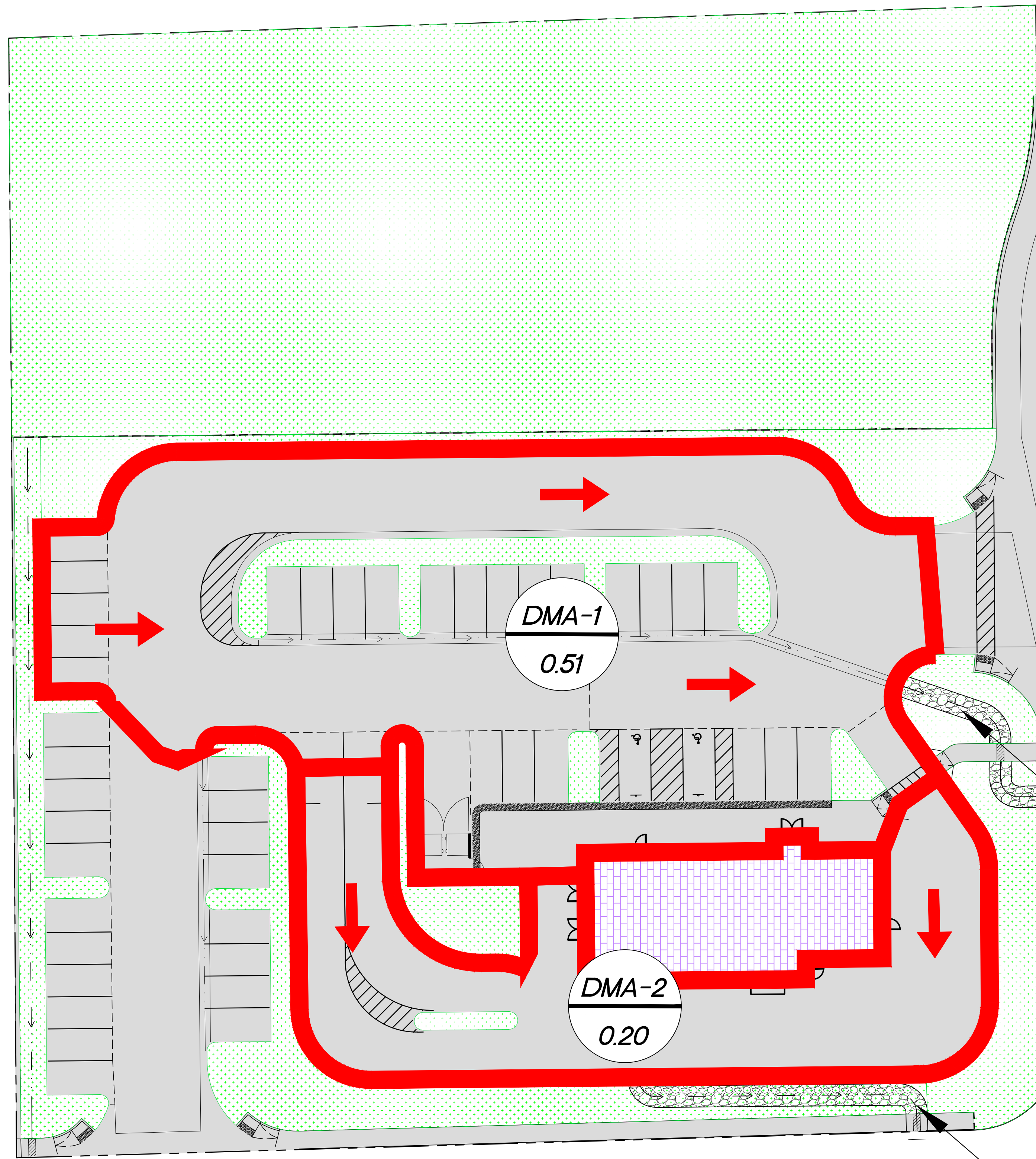

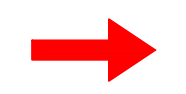
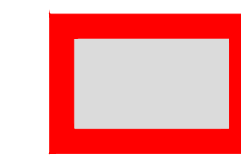
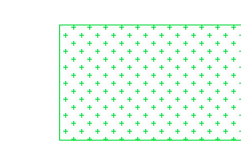
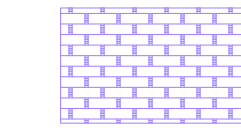


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LEGEND

-  DRAINAGE MANAGEMENT AREA
-  ON-SITE FLOW ARROW
-  TREATED IMPERVIOUS AREA
-  PERVIOUS AREA
-  BUILDING AREA

PARKING LOT DATA CALCULATIONS	
Note: Stormwater Quality Design Volume calculated using steps from Section 1500 Figures 1501-1503 of the CCRFCD HCDDM, Revised 2013	
GIVEN:	
Parking Lot Data	Acreage
Property Size (PS)	= 2.08
Building Area (BA)	= 0.07
Total Pervious Area (TPA)	= 1.07
Parking Lot Area (PLA) = (PS-BA-TPA)	= 0.94
Minimum PLA to be treated = (PLA * 0.75)	= 0.71 acres
Impervious Area to be treated by the proposed LID BMPs	
Drainage Area DMA1	= 0.51
Drainage Area DMA2	= 0.20
Total	= 0.71 acres
<u>Since 0.71 ac >= 0.71 ac then site satisfies Parking Lot LID criteria</u>	

NELLIS BOULEVARD

SWALE DMA-1
L=60'
S=0.5%
QBMP = 0.26 CFS

OASIS SRINGS

SWALE DMA-2
L=80'
S=0.9%
QBMP = 0.10 CFS