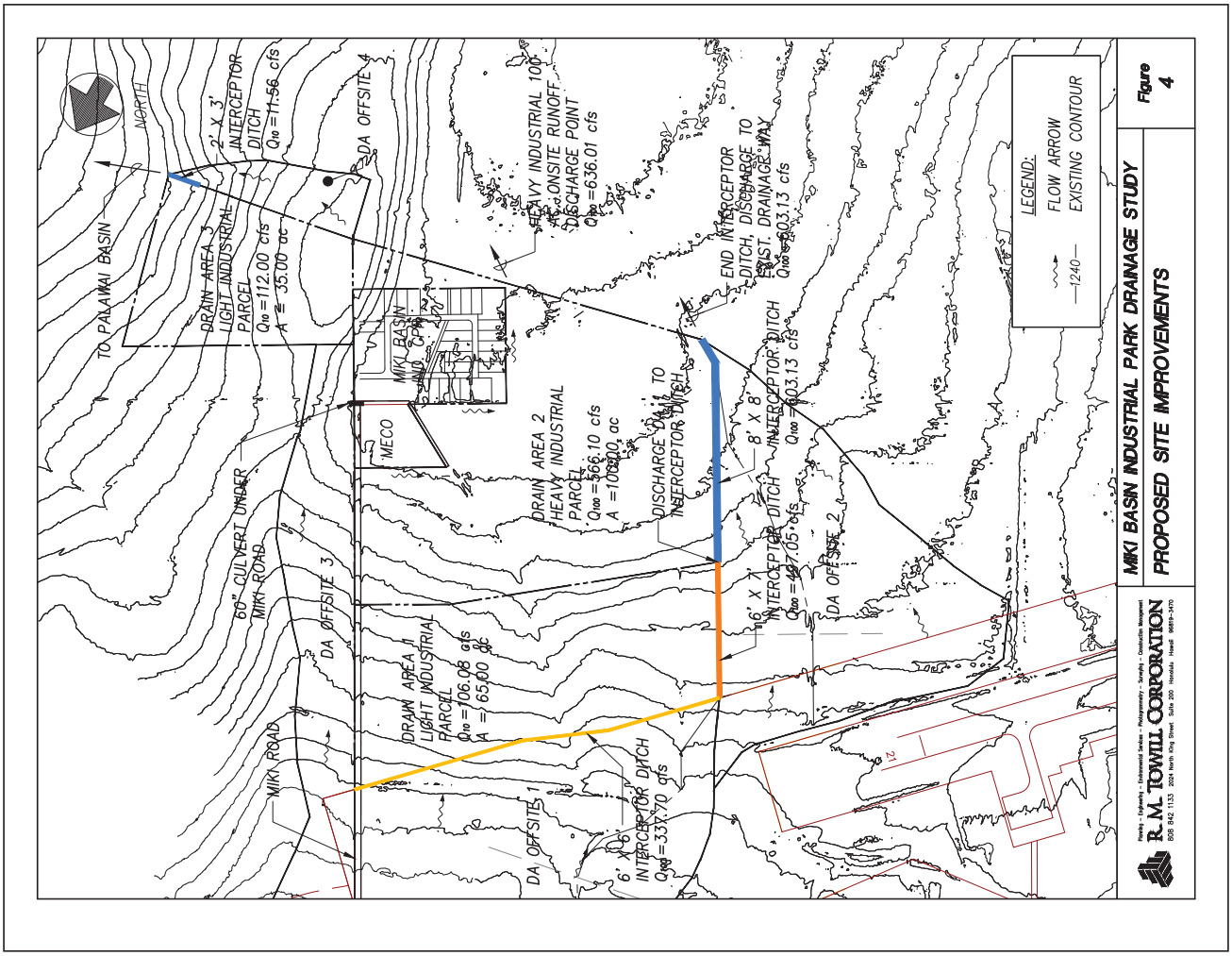
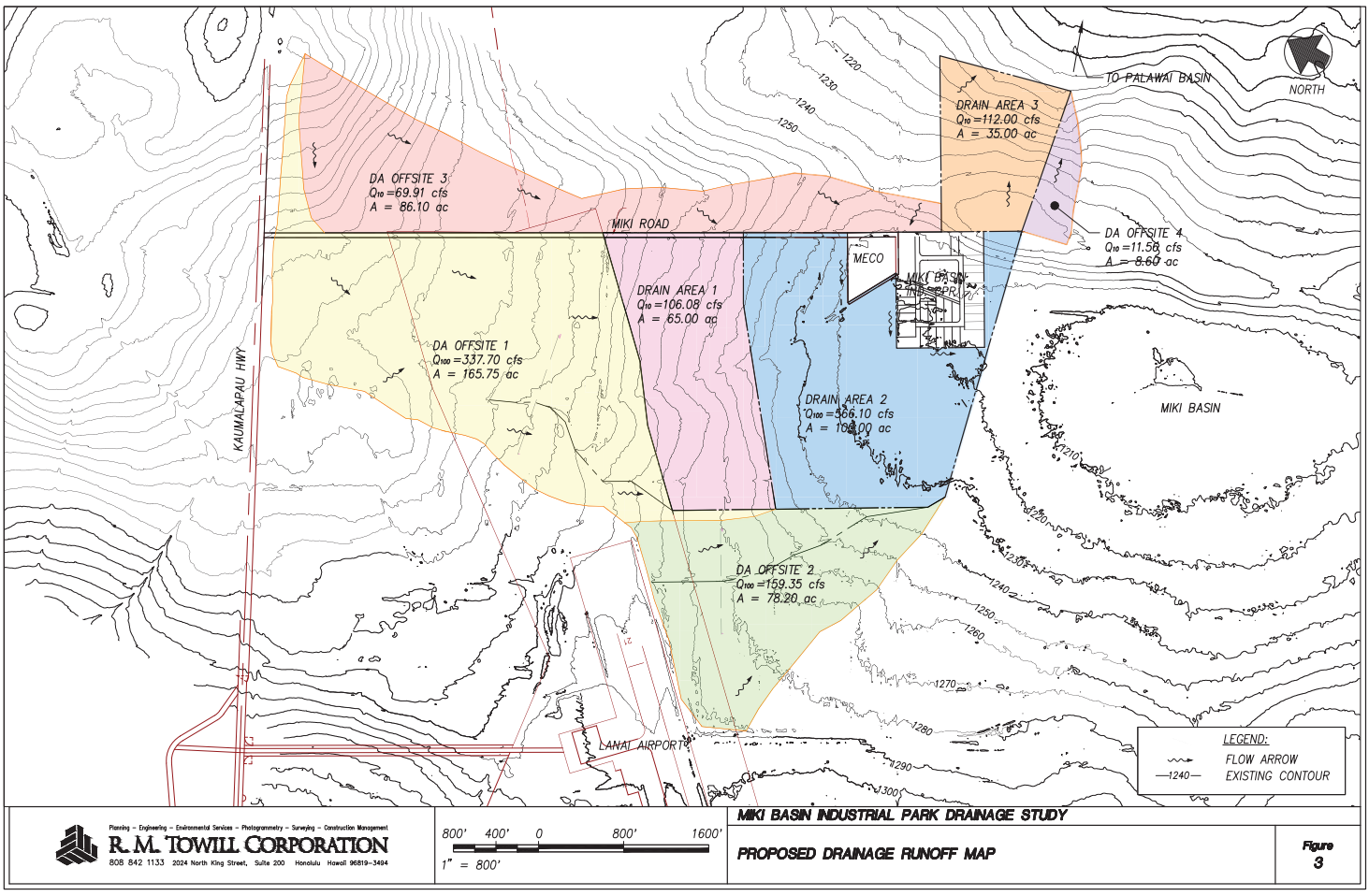
FEA REF-611


TO PALAWAI BASIN
NORTH
2' X 3' INTERCEPTOR DITCH Q100 =11.56 cfs
DA OFFSITE 4
DRAIN AREA 3 LIGHT INDUSTRIAL PARCEL Q100 =112.00 cfs A = 35.00 ac
HEAVY INDUSTRIAL 100' ONSITE RUNOFF DISCHARGE POINT Q100 =636.01 cfs
END INTERCEPTOR DITCH, DISCHARGE TO EAST. DRAINAGE WAY Q100 =603.13 cfs
MIKI BASIN
MECO
DRAIN AREA 2 HEAVY INDUSTRIAL PARCEL Q100 =566.10 cfs A =100.00 ac
DISCHARGE DRAIN TO INTERCEPTOR DITCH
8' X 8' INTERCEPTOR DITCH Q100 =603.13 cfs
6' X 7' INTERCEPTOR DITCH Q100 =447.05 cfs
DA OFFSITE 2
60" CULVERT UNDER MIKI ROAD
DA OFFSITE 3
DRAIN AREA 1 LIGHT INDUSTRIAL PARCEL Q100 =106.08 cfs A = 65.60 ac
MIKI ROAD
DA OFFSITE 1
6' X 6' INTERCEPTOR DITCH Q100 =337.70 cfs
LEGEND:
FLOW ARROW
1240 EXISTING CONTOUR
Figure 4
MIKI BASIN INDUSTRIAL PARK DRAINAGE STUDY
PROPOSED SITE IMPROVEMENTS
R. M. TOWILL CORPORATION
808 842 1133 2024 North King Street, Suite 200 Honolulu Hawaii 96819-3494


TO PALAWAI BASIN
NORTH
DRAIN AREA 3 Q100 =112.00 cfs A = 35.00 ac
DA OFFSITE 3 Q10 =69.91 cfs A = 86.10 ac
MIKI ROAD
DA OFFSITE 4 Q10 =11.56 cfs A = 8.60 ac
MECO
MIKI BASIN
DRAIN AREA 1 Q10 =106.08 cfs A = 65.00 ac
DA OFFSITE 1 Q100 =337.70 cfs A = 165.75 ac
KAUMALAPAU HWY
DRAIN AREA 2 Q100 =566.10 cfs A = 100.00 ac
MIKI BASIN
DA OFFSITE 2 Q100 =159.35 cfs A = 78.20 ac
LANAI AIRPORT
1220
1230
1240
1250
1260
1270
1280
1290
1300
LEGEND:
FLOW ARROW
1240 EXISTING CONTOUR
R. M. TOWILL CORPORATION
Planning – Engineering – Environmental Services – Photogrammetry – Surveying – Construction Management
808 842 1133 2024 North King Street, Suite 200 Honolulu Hawaii 96819-3494
800' 400' 0 800' 1600'
1" = 800'
MIKI BASIN INDUSTRIAL PARK DRAINAGE STUDY
PROPOSED DRAINAGE RUNOFF MAP
Figure 3