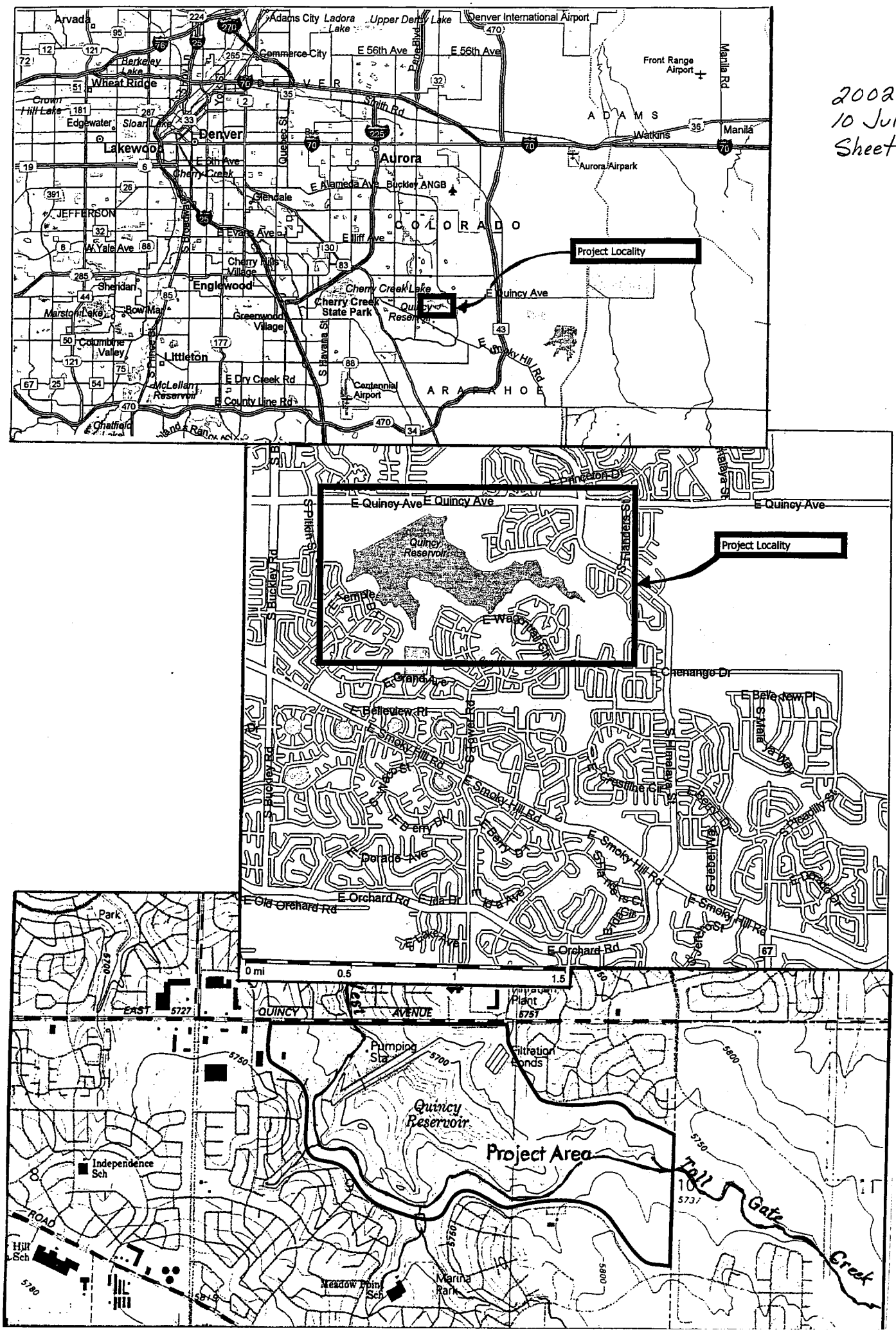
200280355
10 July 2002
Sheet 1 of 8

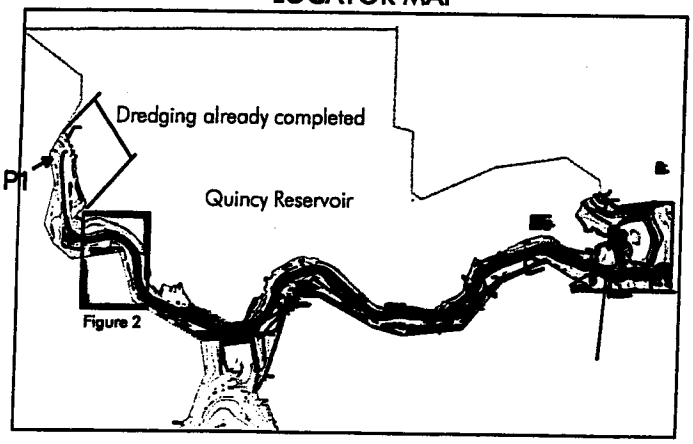


END OF DELINEATION

DREDGING ALREADY COMPLETED PER PERMIT #199681026

SANITARY SEWER LINE

LOCATOR MAP



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10 JULY 2002
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ERO
ERO Resources Corp.
1842 Clarkson Street
Denver, CO 80218
(303) 830-1188
Fax: 830-1199

Existing Wetland
Temporary Wetland Impacts
Permanent Wetland Impacts
Mitigation Areas

North

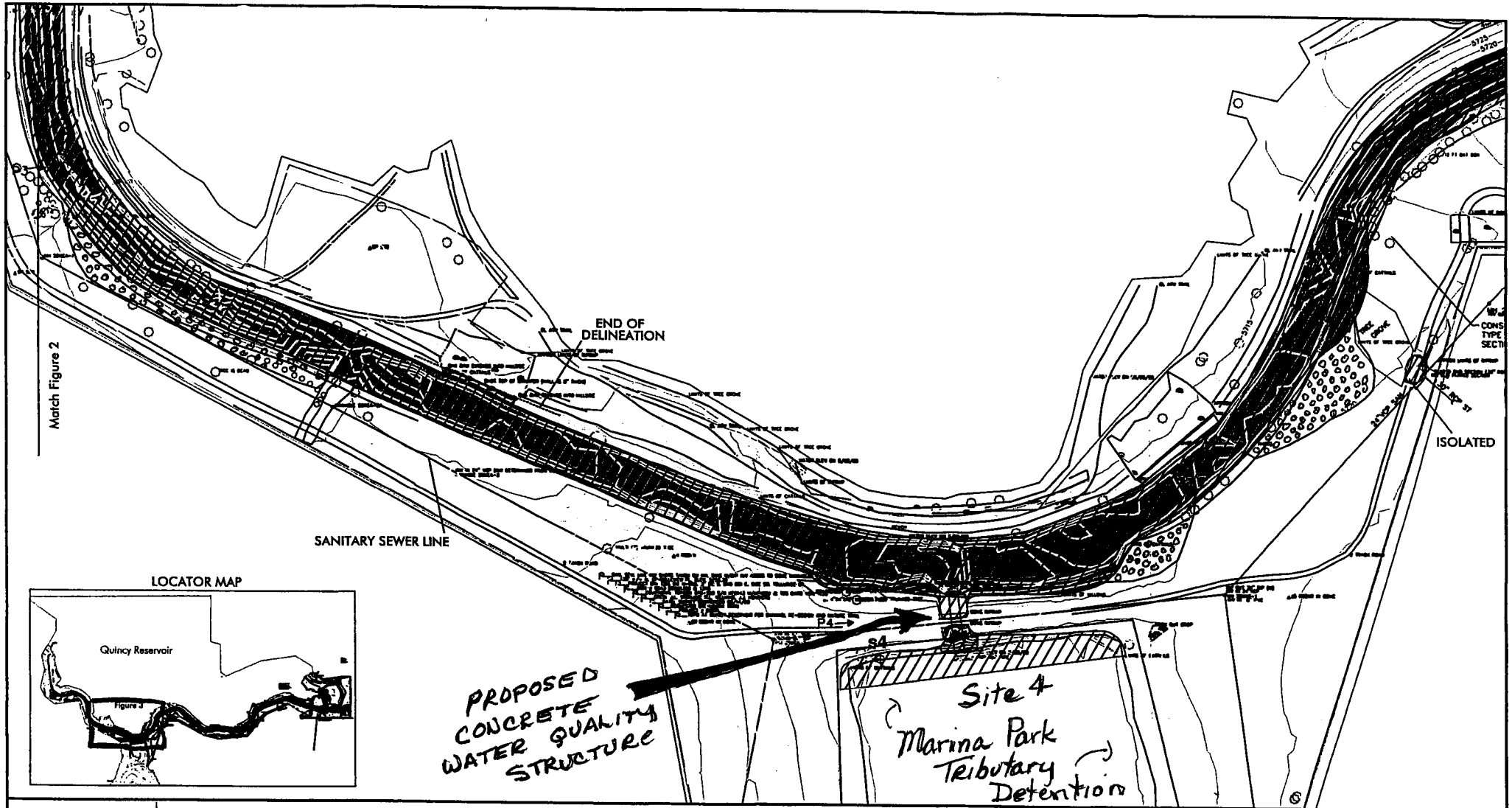
Scale: 1" = 100'

p:/1788/maps/00041A.dwg (JLL, DCB)

Figure 2

Quincy Reservoir Diversion Channel Wetland Map

Produced for: City of Aurora
May 2002



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- Existing Wetland
- Temporary Wetland Impacts
- Permanent Wetland Impacts
- Mitigation Areas

p:/1788/maps/00041A.dwg (JLL, DCB)

North

Figure 3
Wetland Map
Quincy Reservoir Diversion Channel

Produced for: City of Aurora
May 2002

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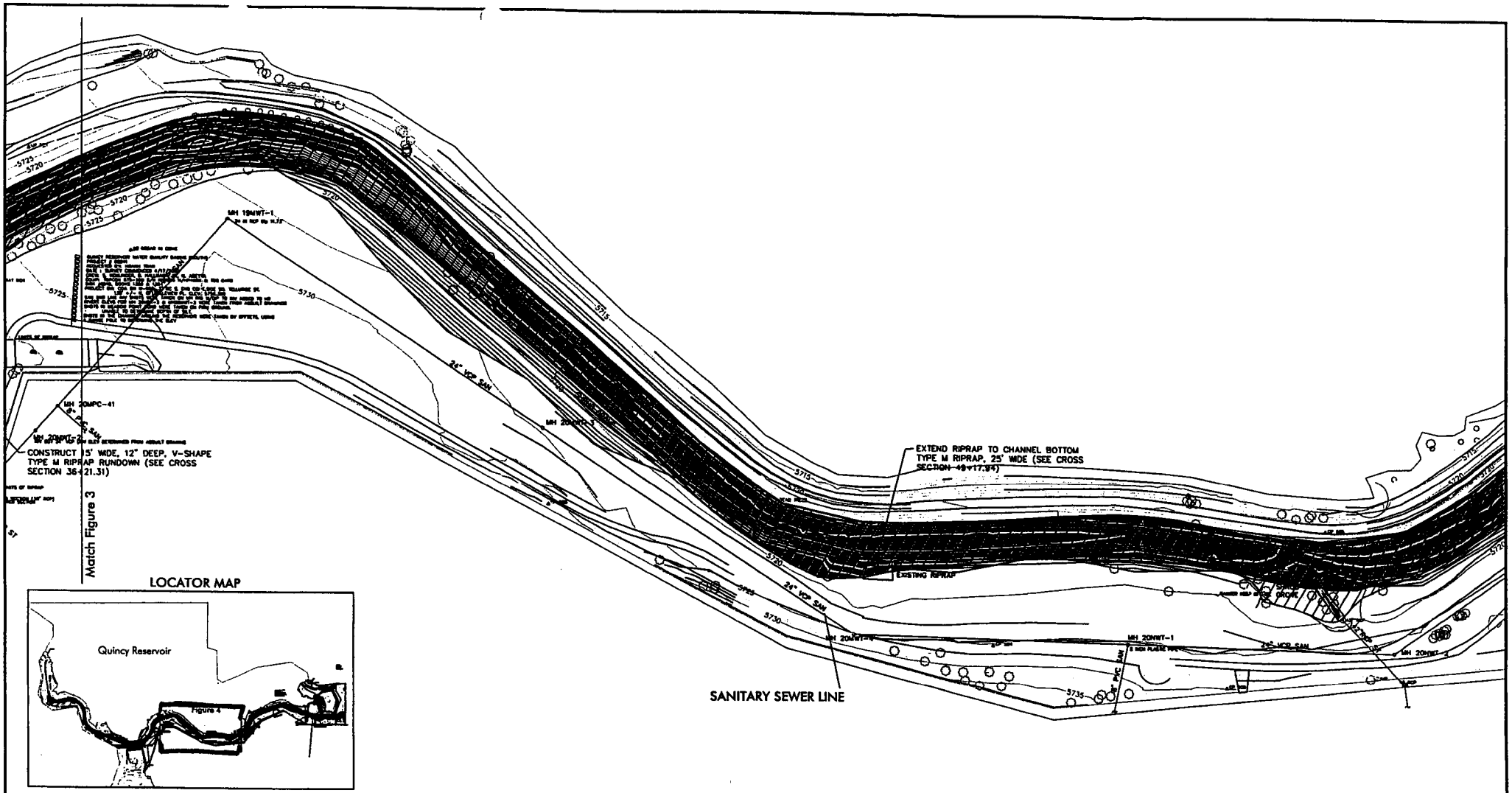
Sheet 3 of 8



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ERO Resources Corp.
1842 Clarkson Street
Denver, CO 80218
(303) 830-1188
Fax: 830-1199

- Existing Wetland
- Temporary Wetland Impacts
- Permanent Wetland Impacts
- Mitigation Areas

p:/1788/maps/00041A.dwg (JLL, DCB)

North

Scale: 1" = 100'

Figure 4
Wetland Map
Quincy Reservoir Diversion Channel

Produced for: City of Aurora
May 2002

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10 JULY 2002
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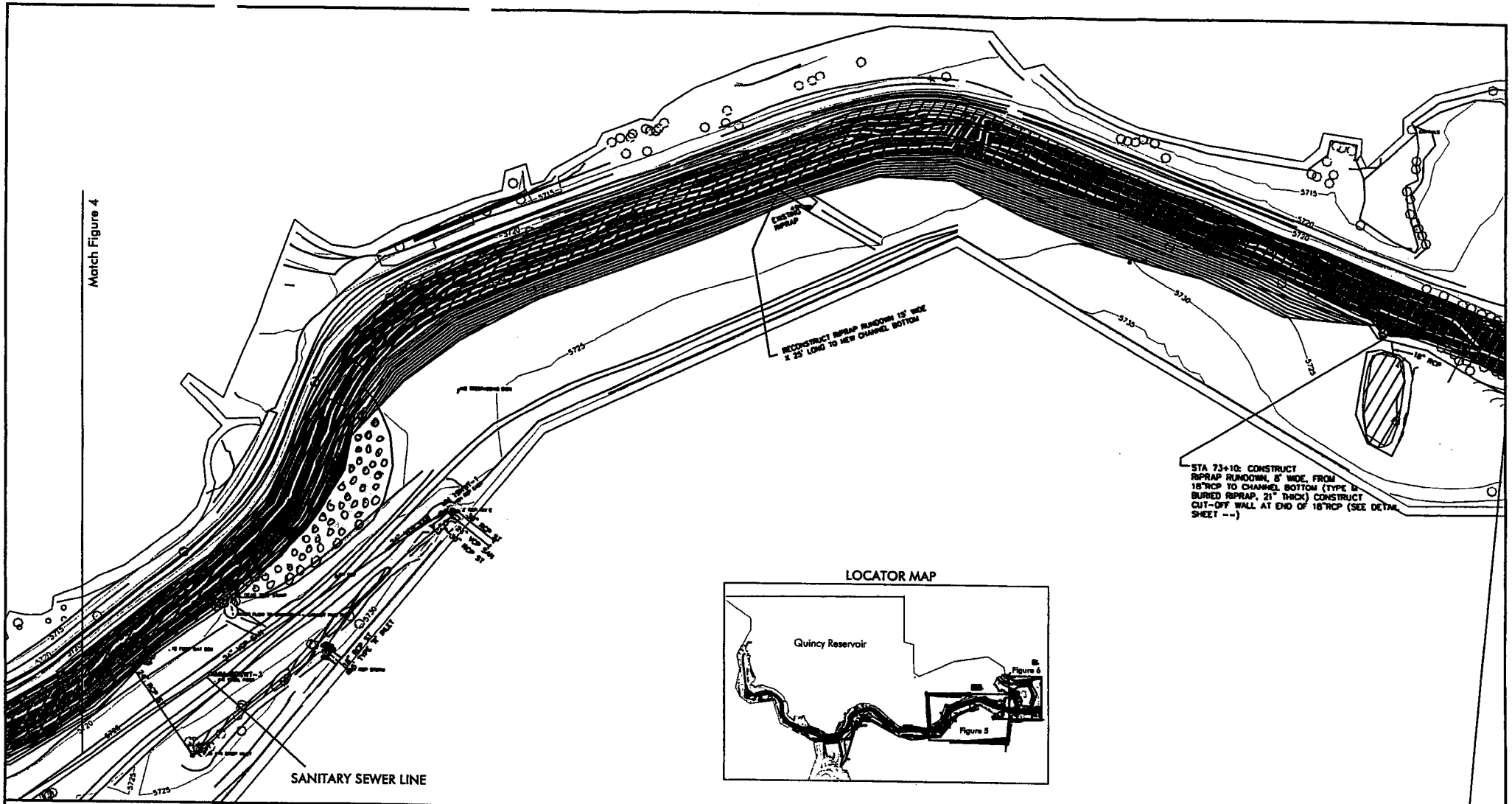

ERO
ERO Resources Corp.
1842 Clarkson Street
Denver, CO 80218
(303) 830-1188
Fax: 830-1199

- Existing Wetland
- Temporary Wetland Impacts
- Permanent Wetland Impacts
- Mitigation Areas

p:/1788/maps/00041A.dwg (JLL, DCB)

North

Figure 5
Wetland Map
Quincy Reservoir Diversion Channel

Produced for: City of Aurora
May 2002

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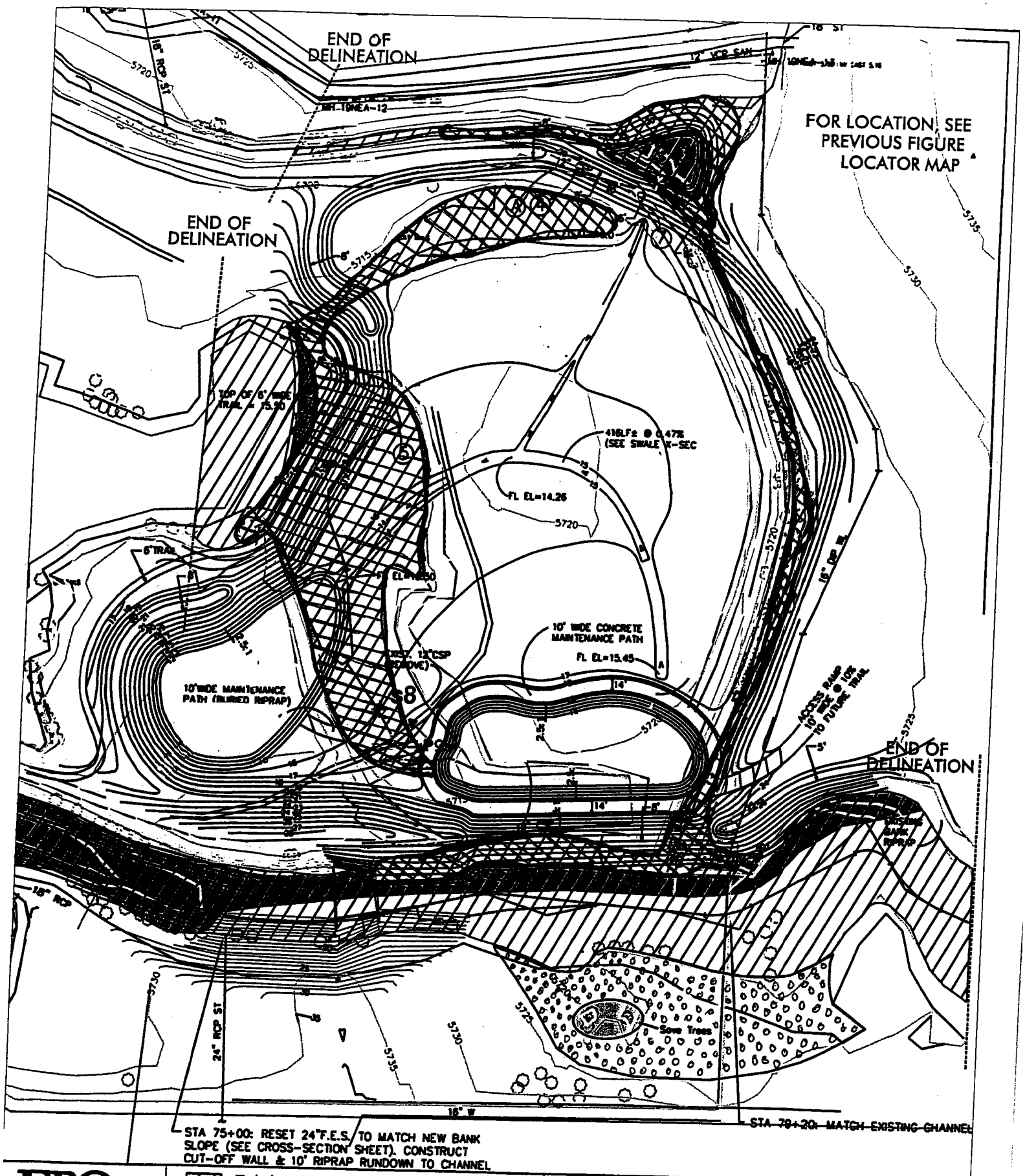

ERO

ERO Resources Corp.
1842 Clarkson Street
Denver, CO 80218
(303) 830-1188
Fax: 830-1199

Existing Wetland
Temporary Wetland Impacts
Permanent Wetland Impacts
Mitigation Areas

North

Scale: 1" = 100'

p:/1788/maps/Fig5-RCp05455H.dwg (JLL, DCB)

Figure 6

Quincy Reservoir Diversion Channel Wetland Map

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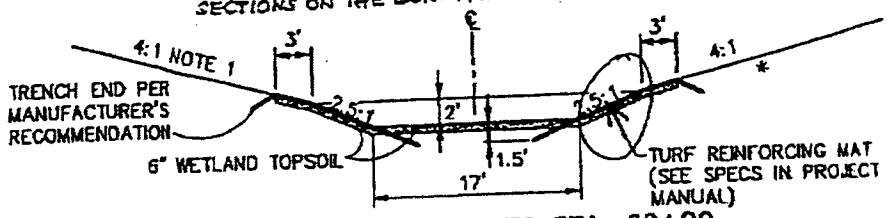
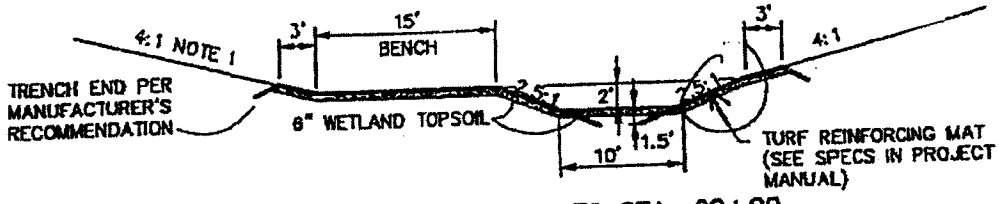
NOTE: NEW CROSS-SECTION CENTERLINE WILL BE LOCATED IN SUCH A WAY TO MINIMIZE VEGETATION REMOVAL, ESPECIALLY ON THE NORTH BANK (SEE CROSS-SECTIONS ON THE CONSTRUCTION DRAWINGS).



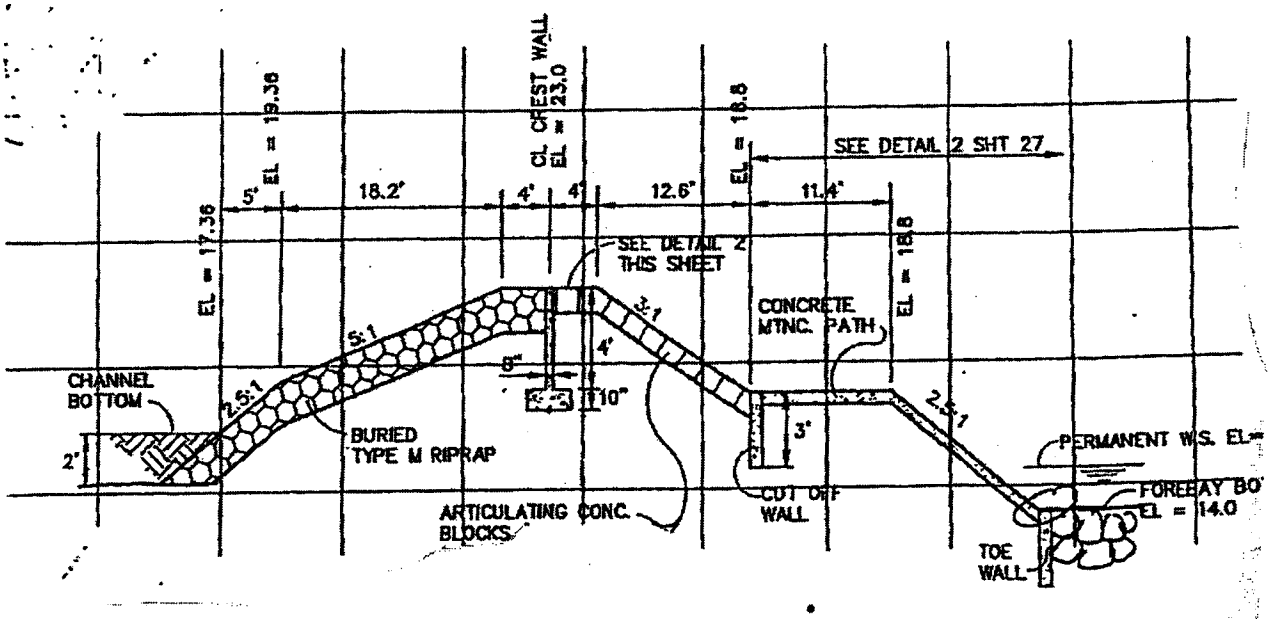
FROM STA. 35+00 TO STA. 60+00
AND STA. 70+00 TO STA. 75+50



FROM STA. 61+00 TO STA. 69+00

PROPOSED CHANNEL TYPICAL CROSS-SECTIONS
(LOOKING UPSTREAM)
SCALE: H=V=1"=10'

OVERFLOW SPILLWAY FROM DIVERSION CHANNEL INTO WATER QUALITY BASIN



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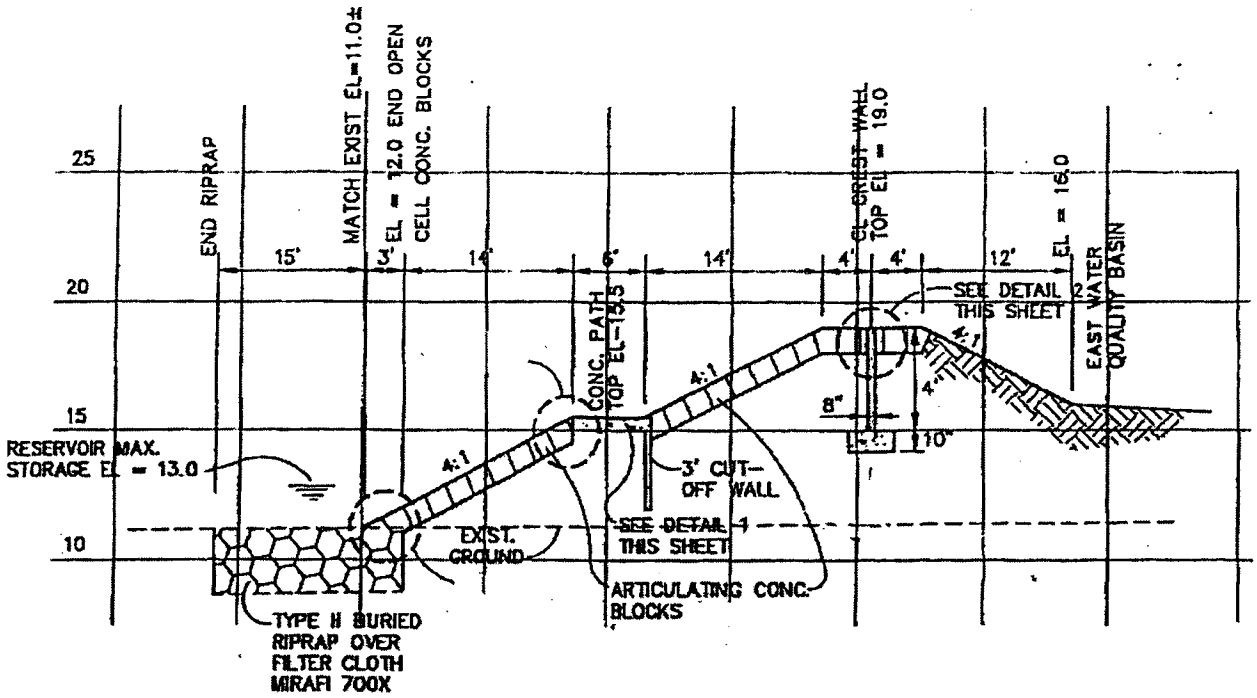
SPILLWAY FROM WATER QUALITY BASIN TO RESERVOIR



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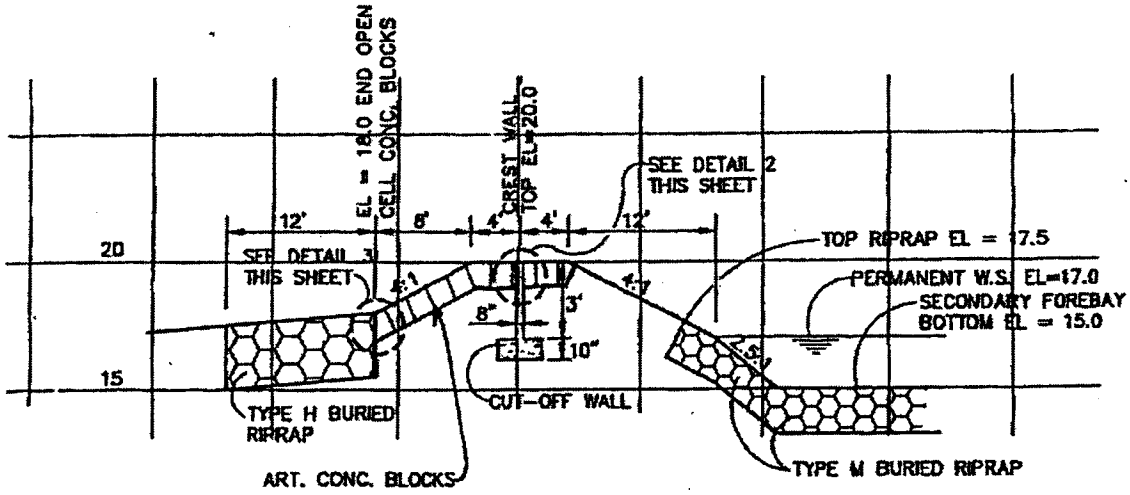
SPILLWAY FROM SECONDARY FOREBAY



Impacts to wetlands and waters of the U.S.

Wetlands	Description	Material Type	Cubic Yards	Temporary Impacts (acres)	Permanent Impacts (acres)
West Tollgate Creek	Drop Structures and Inlet Structures	Concrete Riprap	61.2 229.0	0.00 0.03	0.01 0.04
West Tollgate Creek	Channel deepening	Riprap	181.0	9.02	0.00
Quincy Reservoir Entrance	Construct a water quality basin	Clean fill Concrete	2,450.0 59.0	0.13	1.22
Site 4 Detention Pond	Construct a water quality structure	Concrete	27.5	0.03	0.00
		Total	3007.7	9.21	1.27