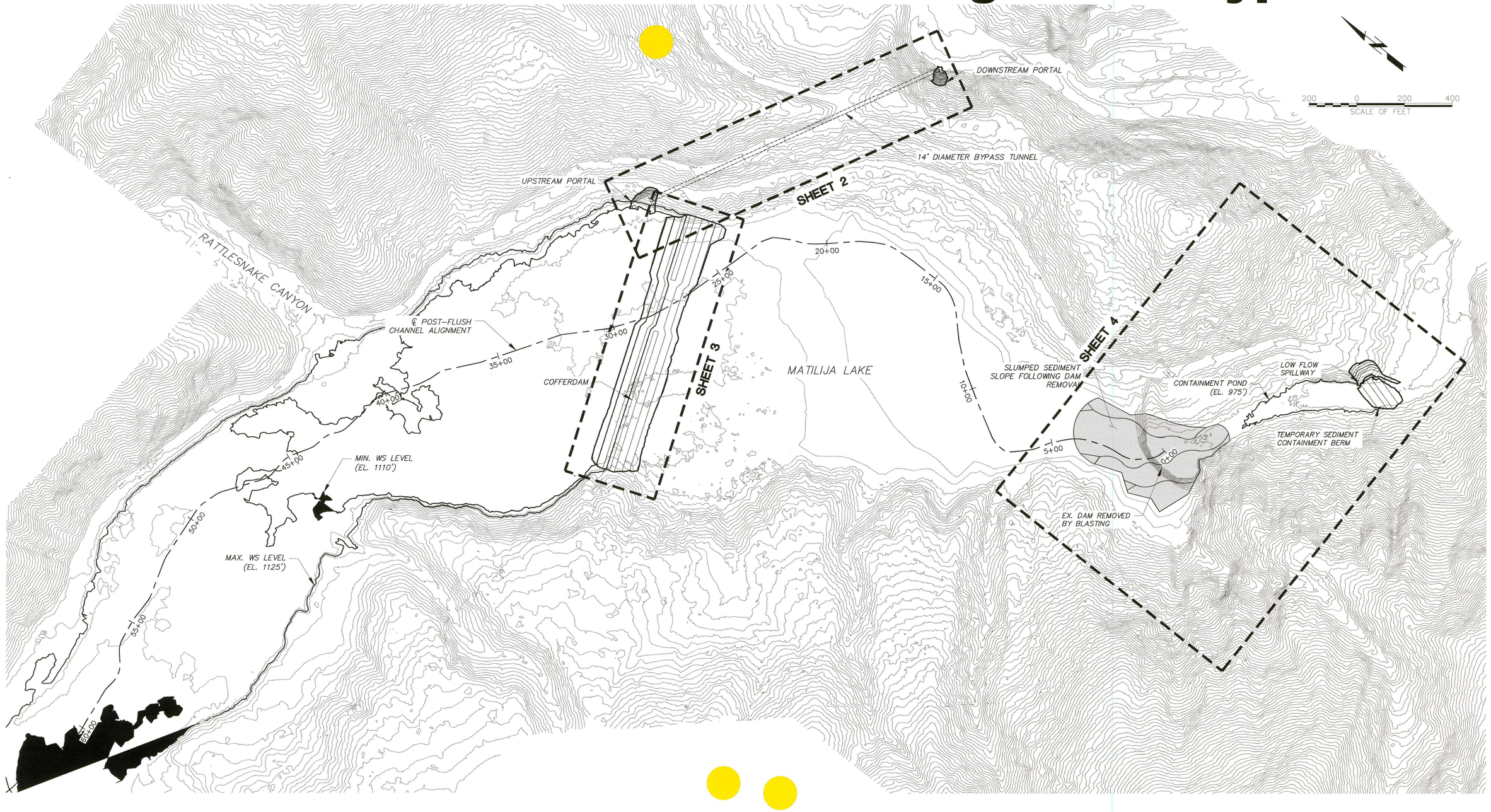
DRC-1: Containment Berm with High Flow Bypass



NOTES:
1. PROJECT COORDINATE SYSTEM IS NAD83, CALIFORNIA STATE PLANE ZONE 5.
2. PROJECT VERTICAL DATUM IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
3. TOPOGRAPHY IS BASED ON LIDAR DATA FROM AIRBORNE 1 IN U.S. SURVEY FEET, DATED MARCH 2005.
4. EXISTING TOPOGRAPHY IS SHOWN AT 10-FOOT CONTOUR INTERVALS.
5. PROPOSED TOPOGRAPHY IS SHOWN AT 10-FOOT CONTOUR INTERVALS.

PLOT DATE: 6/23/15

SAVE DATE: 3/28/15 LATHA_CHANDRASEKARAN A:\MATILIJADAM_03124235\5000 TECHNICAL\5001CAD\05_CAD\C3D_CONCEPTS_EVALUATION\02_SHEETS\C_SHEET-1.DWG

	REVISION	DESCRIPTION	APP.	DATE
D				
C				
B				
A				
△				

AECOM
1999 BROADWAY, SUITE 600
OAKLAND, CA 94612
PHONE: (510) 893 3600
FAX: (510) 874 3268

DESIGNED –
DRAWN –
CHECKED –

PROJECT MANAGER DATE
DEPUTY DIRECTOR DATE
DISTRICT DIRECTOR DATE

COUNTY OF VENTURA
PUBLIC WORKS AGENCY
WATERSHED PROTECTION DISTRICT

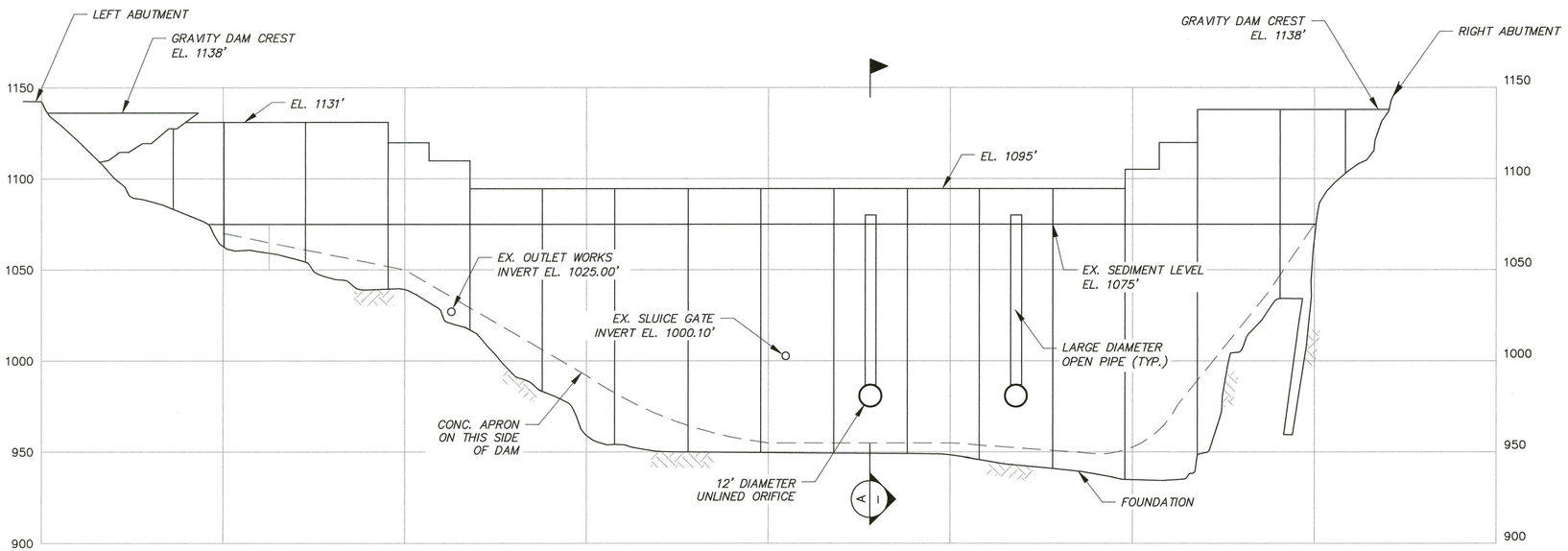
SPEC. NO. –
PROJ. NO. –

MATILIJA DAM REMOVAL, SEDIMENT TRANSPORT, AND ROBLES DIVERSION MITIGATION PROJECT

DAM REMOVAL CONCEPT 1 – GENERAL ARRANGEMENT PLAN

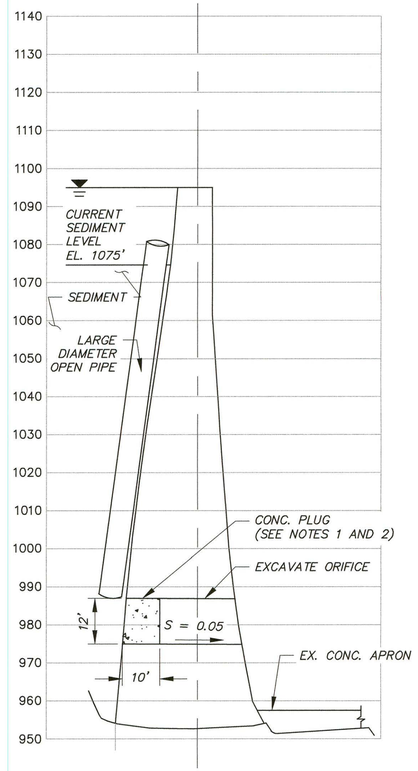
SHEET 1 OF 16
DRAWING NO.

DRC-2: Uncontrolled Orifices with Optional Gates



UPSTREAM ELEVATION OF DAM
(ALONG CL OF TOP ARCH RING)

SCALE: HORZ: 1" = 40'
VERT: 1" = 40'



SECTION A

SCALE: HORZ: 1" = 20'
VERT: 1" = 20'

NOTES:

1. PREPARE CONCRETE PLUG FOR REMOVAL BY DRILLING BLAST HOLES.
2. REMOVE PLUG BY LOADING BLAST HOLES WHEN 4-YEAR RETURN OR GREATER STORM IDENTIFIED AND BLAST AS STORM FLOWS BEGIN TO PASS OVER DAM CREST.
3. DAM REMOVAL TO BE PERFORMED DURING DRY SEASON FOLLOWING PLUG REMOVAL, UNLESS IT IS DETERMINED THAT OPTIONAL GATES ARE TO BE INSTALLED.
4. SEE SHEET 9 FOR OPTIONAL GATES.

PLOT DATE: 6/23/15

SAVE DATE: 6/23/15 LATHA_CHANDRASEKARAN A:\MATILIJADAM_03124235\5000 TECHNICAL\5001CAD\05_CAD\C3D_CONCEPTS_EVALUATION\02_SHEETS\C_SHEET-8.DWG

	REVISION	DESCRIPTION	APP.	DATE
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AECOM
1333 BROADWAY, SUITE 800
OAKLAND, CA 94612
PHONE: (510) 893 3600
FAX: (510) 874 3268

DESIGNED –
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PROJECT MANAGER DATE
DEPUTY DIRECTOR DATE
DISTRICT DIRECTOR DATE

COUNTY OF VENTURA
PUBLIC WORKS AGENCY
WATERSHED PROTECTION DISTRICT

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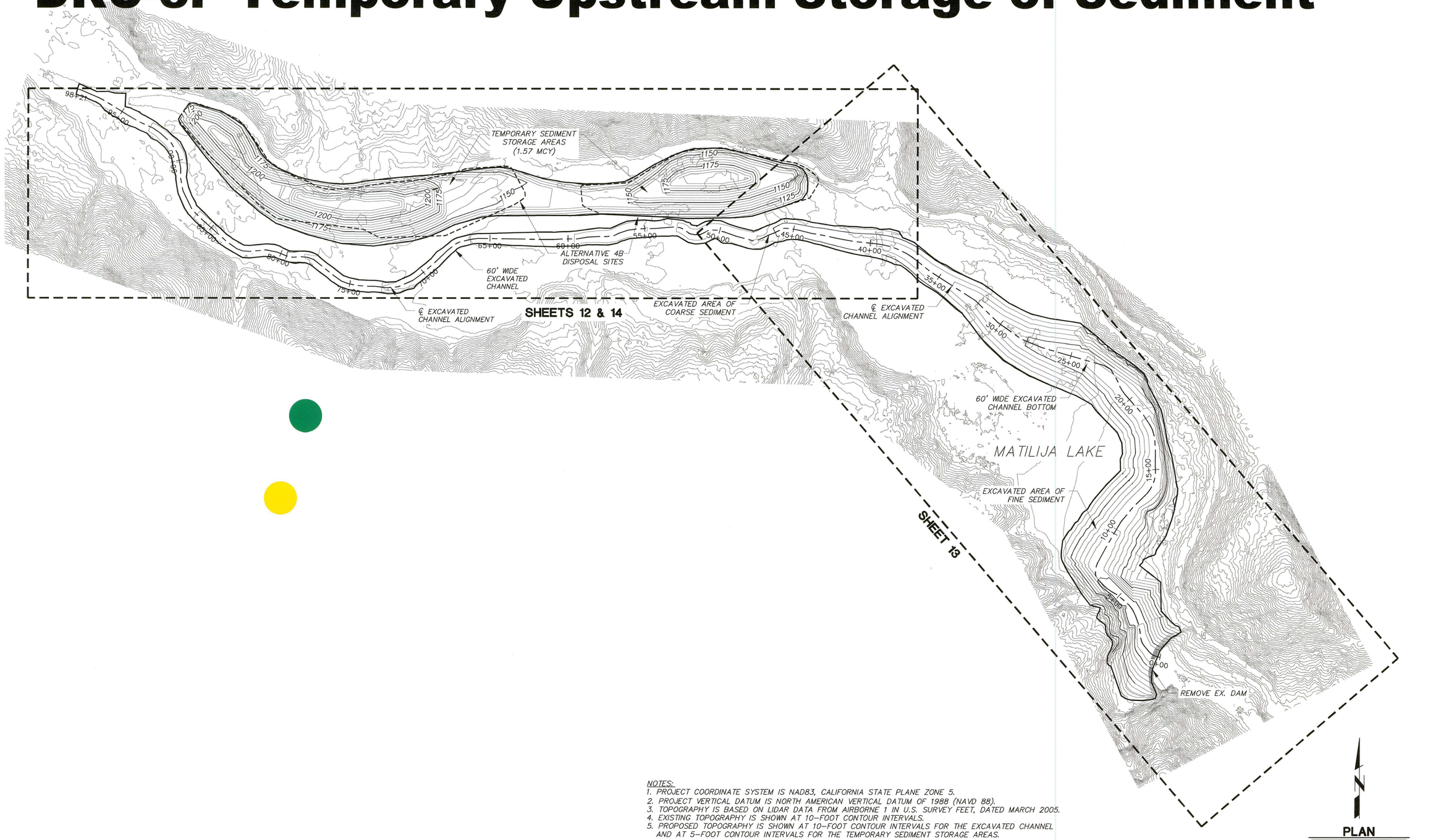
MATILIJA DAM REMOVAL, SEDIMENT TRANSPORT, AND ROBLES DIVERSION MITIGATION PROJECT

DAM REMOVAL CONCEPT 2A – DAM PROFILE AND SECTION

SHEET 8
OF 16
DRAWING NO.

DRC-3: Temporary Upstream Storage of Sediment



NOTES:
1. PROJECT COORDINATE SYSTEM IS NAD83, CALIFORNIA STATE PLANE ZONE 5.
2. PROJECT VERTICAL DATUM IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
3. TOPOGRAPHY IS BASED ON LIDAR DATA FROM AIRBORNE 1 IN U.S. SURVEY FEET, DATED MARCH 2005.
4. EXISTING TOPOGRAPHY IS SHOWN AT 10-FOOT CONTOUR INTERVALS.
5. PROPOSED TOPOGRAPHY IS SHOWN AT 10-FOOT CONTOUR INTERVALS FOR THE EXCAVATED CHANNEL AND AT 5-FOOT CONTOUR INTERVALS FOR THE TEMPORARY SEDIMENT STORAGE AREAS.

PLOT DATE: 3/31/15

SAVE DATE: 3/31/15 LATHA_CHANDRASEKARAN A:\MATILIJADAM_03124235\5000 TECHNICAL\5001CAD\05_CAD\C3D_CONCEPTS_EVALUATION\02_SHEETS\C_SHEET-11.DWG

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AECOM
1999 BROADWAY, SUITE 500
OAKLAND, CA 94612
PHONE: (510) 893 3600
FAX: (510) 874 3268

DESIGNED –
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CHECKED –

PROJECT MANAGER DATE
DEPUTY DIRECTOR DATE
DISTRICT DIRECTOR DATE

COUNTY OF VENTURA
PUBLIC WORKS AGENCY
WATERSHED PROTECTION DISTRICT

SPEC. NO. –
PROJ. NO. –

MATILIJA DAM REMOVAL, SEDIMENT TRANSPORT, AND ROBLES DIVERSION MITIGATION PROJECT

DAM REMOVAL CONCEPT 3 – GENERAL ARRANGEMENT PLAN

SHEET 11
OF 16
DRAWING NO.