

**NOTES**

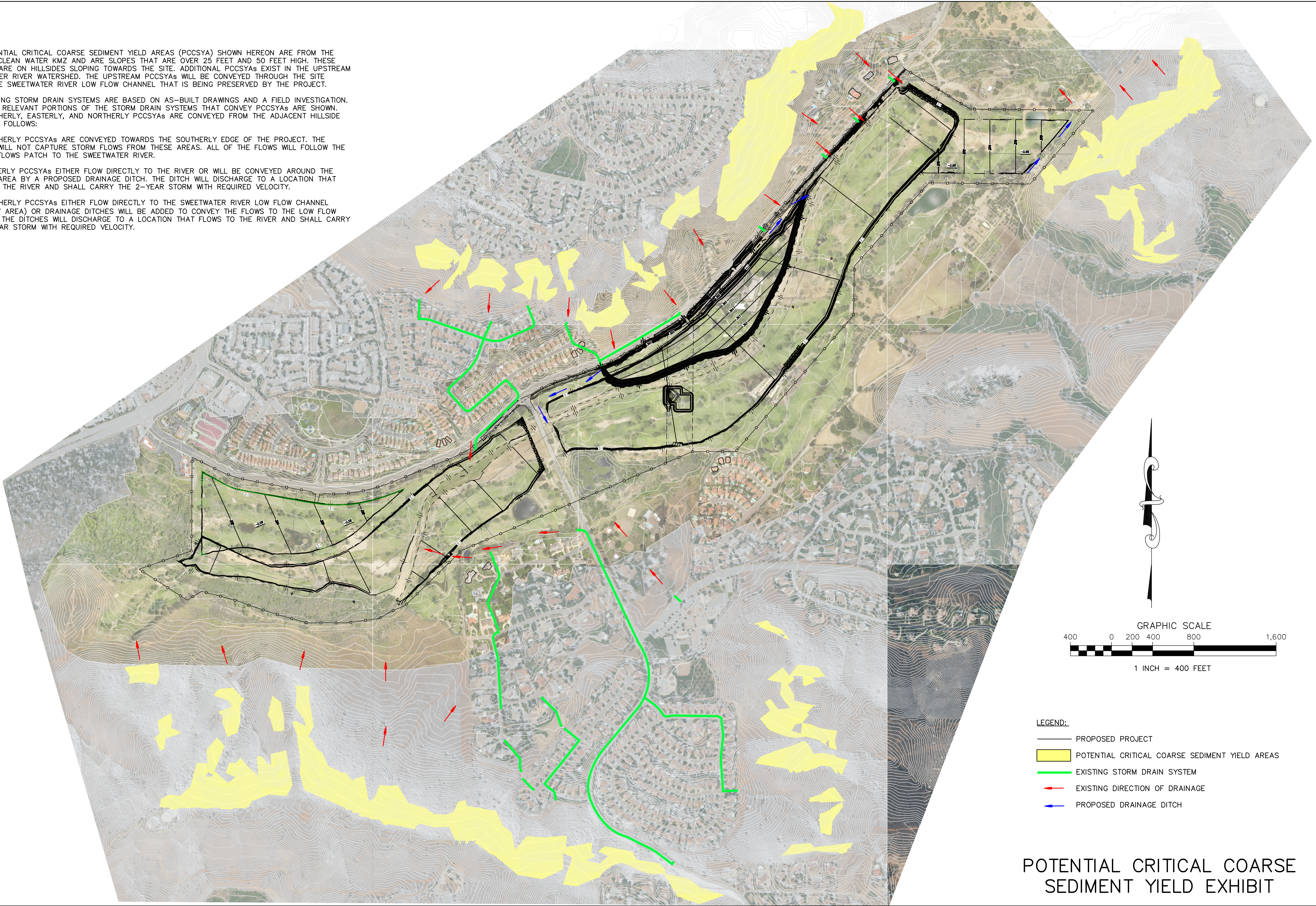
THE POTENTIAL CRITICAL COARSE SEDIMENT YIELD AREAS (PCCSYA) SHOWN HEREON ARE FROM THE PROJECT CLEAN WATER KMZ AND ARE SLOPES THAT ARE OVER 25 FEET AND 50 FEET HIGH. THESE PCCSYAs ARE ON HILLSIDES SLOPING TOWARDS THE SITE. ADDITIONAL PCCSYAs EXIST IN THE UPSTREAM SWEETWATER RIVER WATERSHED. THE UPSTREAM PCCSYAs WILL BE CONVEYED THROUGH THE SITE WITHIN THE SWEETWATER RIVER LOW FLOW CHANNEL THAT IS BEING PRESERVED BY THE PROJECT.

THE EXISTING STORM DRAIN SYSTEMS ARE BASED ON AS-BUILT DRAWINGS AND A FIELD INVESTIGATION. ONLY THE RELEVANT PORTIONS OF THE STORM DRAIN SYSTEMS THAT CONVEY PCCSYAs ARE SHOWN. THE SOUTHERLY, EASTERLY, AND NORTHERLY PCCSYAs ARE CONVEYED FROM THE ADJACENT HILLSIDE AREAS AS FOLLOWS:

THE SOUTHERLY PCCSYAs ARE CONVEYED TOWARDS THE SOUTHERLY EDGE OF THE PROJECT. THE PROJECT WILL NOT CAPTURE STORM FLOWS FROM THESE AREAS. ALL OF THE FLOWS WILL FOLLOW THE EXISTING FLOWS PATCH TO THE SWEETWATER RIVER.

THE EASTERLY PCCSYAs EITHER FLOW DIRECTLY TO THE RIVER OR WILL BE CONVEYED AROUND THE PROJECT AREA BY A PROPOSED DRAINAGE DITCH. THE DITCH WILL DISCHARGE TO A LOCATION THAT FLOWS TO THE RIVER AND SHALL CARRY THE 2-YEAR STORM WITH REQUIRED VELOCITY.

THE NORTHERLY PCCSYAs EITHER FLOW DIRECTLY TO THE SWEETWATER RIVER LOW FLOW CHANNEL (EASTERLY AREA) OR DRAINAGE DITCHES WILL BE ADDED TO CONVEY THE FLOWS TO THE LOW FLOW CHANNEL. THE DITCHES WILL DISCHARGE TO A LOCATION THAT FLOWS TO THE RIVER AND SHALL CARRY THE 2-YEAR STORM WITH REQUIRED VELOCITY.



- LEGEND:**
- PROPOSED PROJECT
  - POTENTIAL CRITICAL COARSE SEDIMENT YIELD AREAS
  - EXISTING STORM DRAIN SYSTEM
  - EXISTING DIRECTION OF DRAINAGE
  - PROPOSED DRAINAGE DITCH

POTENTIAL CRITICAL COARSE  
SEDIMENT YIELD EXHIBIT



### 9.3 Resource Protection Ordinance (RPO) Methods (BMPDM Appendix H.1.1.1)

- Either of two Resource Protection Ordinance (RPO) methods may also be used to demonstrate compliance with CCSYA requirements. Select either option and document the selection below:

☐ **RPO Scenario 1: PDP is subject to and in compliance with RPO requirements<sup>5</sup>**

- **Select** if the project requires one or more discretionary permits;
- **Demonstrate** that onsite AND upstream offsite CCSYAs will be avoided and/or bypassed.

☐ **RPO Scenario 2: PDP is entirely exempt/not subject to RPO requirements<sup>6</sup>**

- **Select** if the project does not require discretionary permits;
- **Demonstrate** that all upstream offsite CCSYAs will be bypassed<sup>7</sup>.

**A. Mapping Results** -- At a minimum, show as applicable: (1) the project footprint, (2) areas of proposed development, (3) locations of onsite and upstream offsite CCSYAs, and (4) bypass of all identified CCSYAs.

N/A

<sup>5</sup> RPO applicability is normally confirmed during discretionary review. Check with your project manager if you're not sure of your status.

<sup>6</sup> Does not include PDPs utilizing exemption(s) via RPO Section 86.604(e)(2)(cc) or 86.604(e)(3).

<sup>7</sup> This scenario does not impose requirements for onsite CCSYAs.



**B. Explanation** -- Provide documentation as needed to demonstrate that (1) onsite CCSYAs are avoided and bypassed [if applicable], and (2) upstream offsite CCYSAs are effectively bypassed. Add pages as necessary.

N/A



#### 9.4 No Net Impact Analysis (BMPDM Appendix H.4)

- When impacts to CCSYAs cannot be avoided or effectively bypassed, applicants must demonstrate that their project generates no net impact to the receiving water per the performance metrics identified in BMPDM Appendix H.4.
- Use the space below to document that the PDP will generate no net impact to any receiving water.

##### **No Net Impact Analysis** (add or attach pages as necessary)

N/A