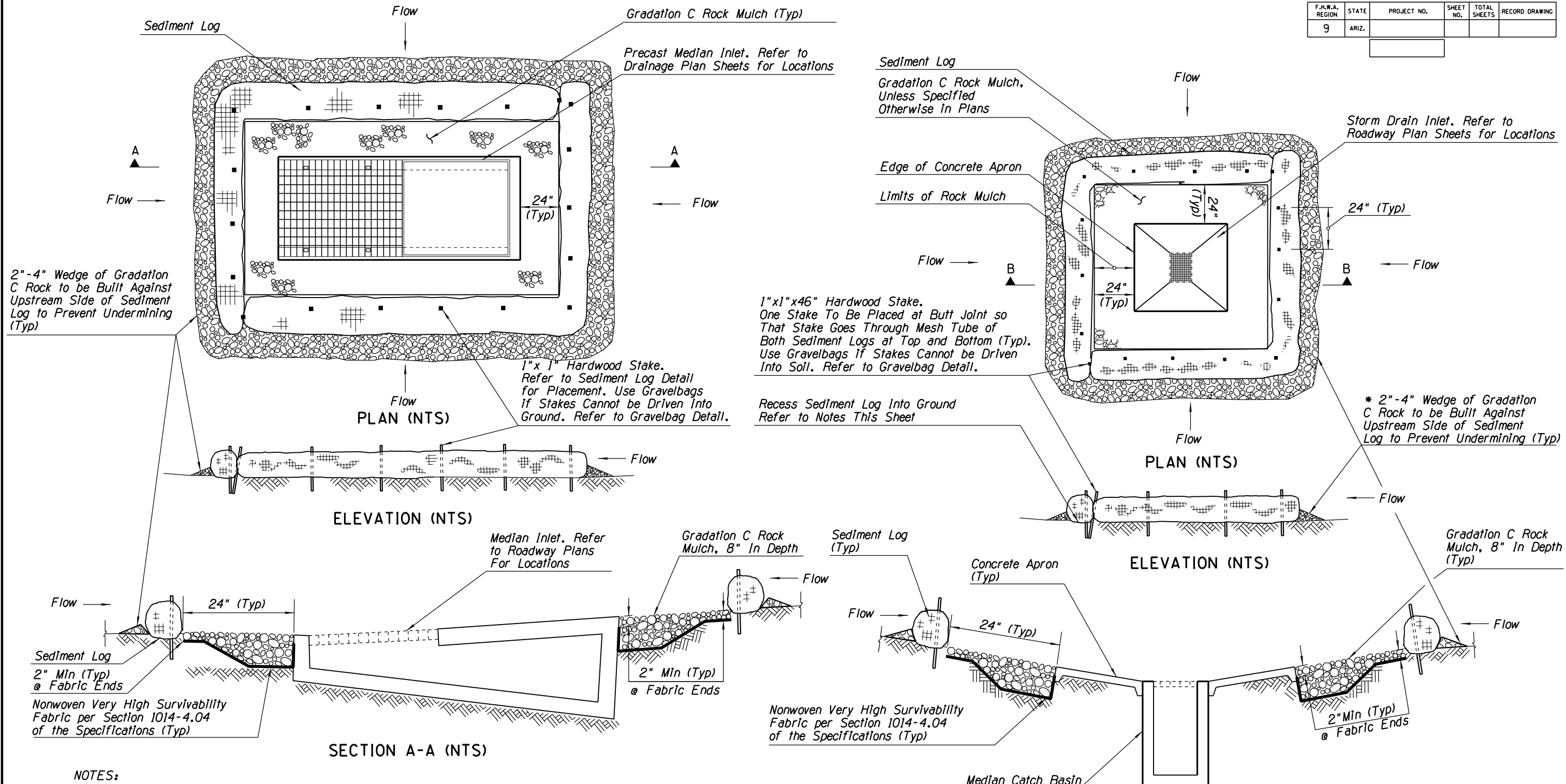


F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	ARIZ.				



**NOTES:**

- Sediment logs shall be located as indicated on plans or as directed by the Engineer. They shall be selected, installed, and maintained per manufacturer's specifications and good engineering practices. Log shall be installed perpendicular to the flow of water. Continuous contact between the bottom of the log and the ground is mandatory.
- Stake log with 1"x1"x46" Min. hardwood stakes 24" on center. The stake shall be placed through the downstream side only. It is necessary for the stakes to grab one or two inches of netting. Do not drive stake through center of log. The stakes must be driven into the ground 24". Stakes at corners shall be placed in an "X" pattern.
- Make sure no gaps exist between subgrade and sediment log. Runoff must not pass under sediment log. May require subgrade preparation as directed by Engineer.
- Repair any rills or gullies promptly.
- Remove Sediment Log and stakes once construction activities are complete. Dispose of sediment logs and trapped sediment material and fill trench created by sediment log.
- Refer to Roadway and Drainage Plans and Details for Locations of Inlets and Catch Basins.
- Make field adjustments and corrections of Inlet Protection CM/BMP immediately if it is causing flooding, erosion, and/or affecting roadway safety.
- Make field adjustments and corrections to ensure NO sensitive biological resources (native species / habitats) will be adversely impacted.
- \* Construct Rock Wedge with angular-shaped Gradation C Rock Mulch as defined in Section 810-2.03 of the Specifications and project special provisions. Natural river-run materials such as rounded river rocks/cobblestones and pebbles are NOT acceptable.

# DETAIL ES13

## INLET PROTECTION COMBINED BMPs

DESIGN	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADSIDE DEVELOPMENT SECTION
DESIGN	TAO ZI FONG	6-2020	STORMWATER QUALITY PROTECTION & EROSION/SEDIMENT CONTROL DETAILS
DESIGN	HAN MENG	6-2020	
DRAWN	TAO ZI FONG	6-2020	STORMWATER QUALITY PROTECTION & EROSION/SEDIMENT CONTROL DETAILS
DRAWN	HAN MENG	6-2020	
CHECKED	JOHN R. HUCKO	6-2020	STORMWATER QUALITY PROTECTION & EROSION/SEDIMENT CONTROL DETAILS
TEAM LEADER	E LEROY BRADY	6-2020	
ROUTE	MP	LOCATION	
TRACS NO.			SHEET OF
			OF

NO.1 DESCRIPTION OF REVISION DATE MADE BY NO.2 DESCRIPTION OF REVISION DATE MADE BY