

GENERAL NOTES LOAD AND RESISTANCE FACTOR DESIGN

DESIGN:
AASHTO LRFD Bridge Design Specifications,
2007 edition with California Amendments

LIVE LOADING:
2'-0" Live Load Surcharge

SEISMIC LOADING:
 $K_h = 0.2$

REINFORCED CONCRETE:
 $f_y = 60$ ksi
 $f'_c = 3.6$ ksi

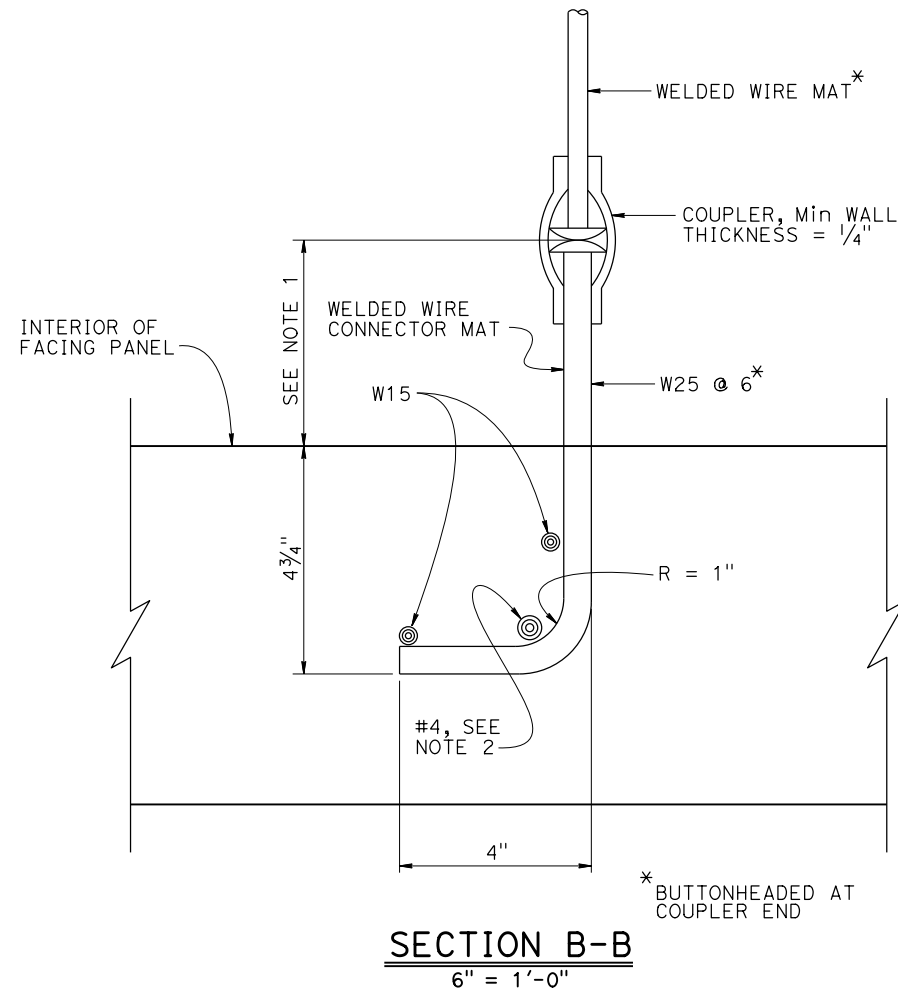
PRECAST CONCRETE PANELS:
 $f_y = 60$ ksi
 $f'_c = 4.0$ ksi

SOIL REINFORCEMENT:
Welded Wire Mats: $F_y = 65$ ksi
Coupler: $F_y = 36$ ksi
Corrosion rate = 1.1 mils/year

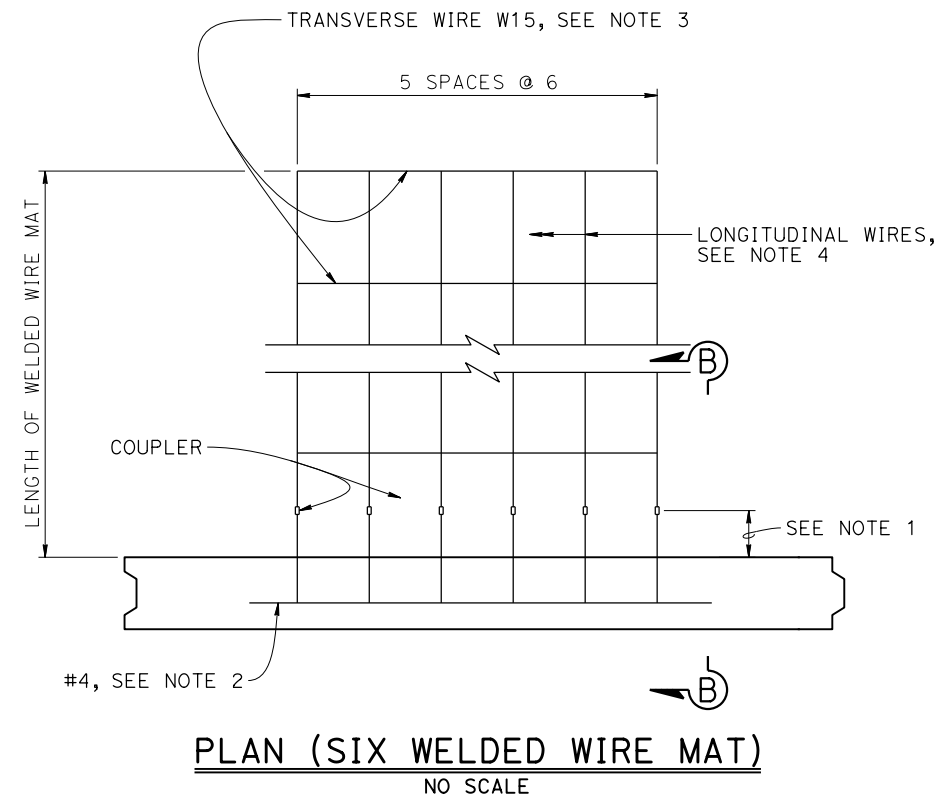
SOIL PARAMETERS:
Internal Design $\phi = 34^\circ$, $\gamma = 0.120$ kip/ft
External Design ϕ (Retained Backfill) = 30° , $\gamma = 0.120$ kip/ft
 ϕ (Foundation) = 30°

NOTES:

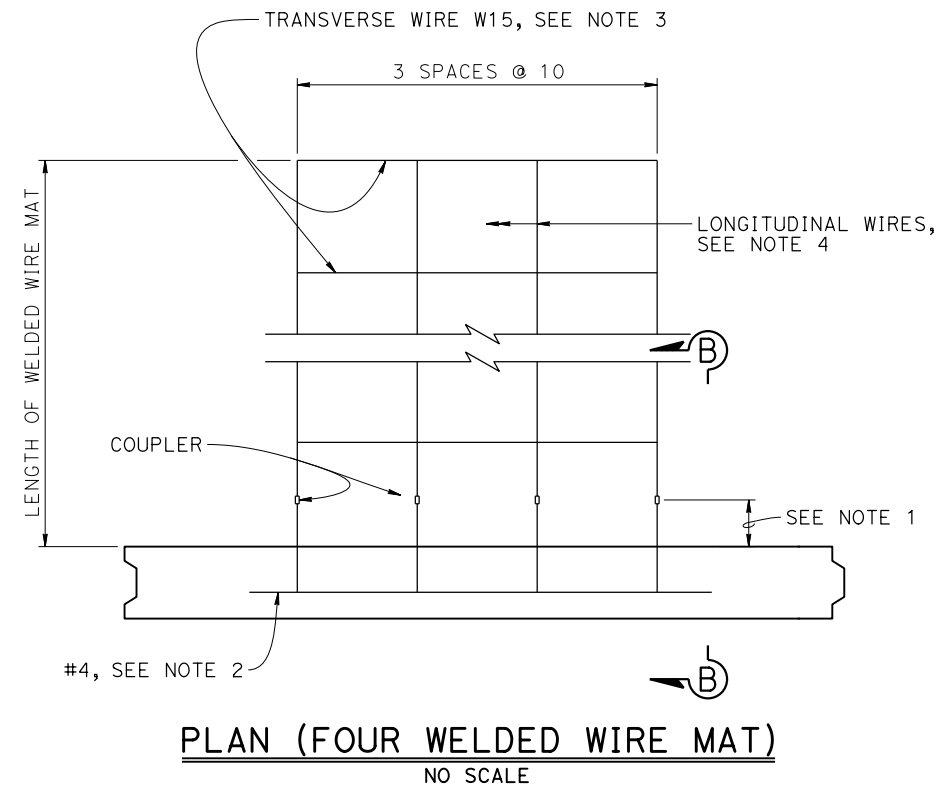
- Distance as required to permit Coupler to be swaged.
- Place #4 x 3'-2", centered on Connector Mat, but not welded to it.
- All Transverse Wires size W15 at various spacing as shown elsewhere.
- Size of Longitudinal Wires shown elsewhere.



NOTE: Panel reinforcement not shown.



PLAN (SIX WELDED WIRE MAT)
NO SCALE



PLAN (FOUR WELDED WIRE MAT)
NO SCALE

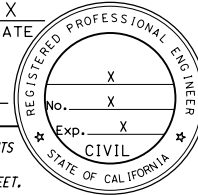
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER DATE X

PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

THE REGISTERED CIVIL ENGINEER FOR THE PROJECT IS RESPONSIBLE FOR THE SELECTION AND PROPER APPLICATION OF THE COMPONENT DESIGN AND ANY MODIFICATIONS SHOWN.



BRIDGE STANDARD DETAILS		
xs13-020-2 FILE No.	April 2024 APPROVAL DATE	The components of the Bridge Standard Details have been prepared under the responsible charge of the Technical Owner, a registered civil engineer in the State of California

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES	BRIDGE No. XX-XXXX POST MILE X.X	X
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MECHANICALLY STABILIZED EMBANKMENT DETAILS No. 2	
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UNIT: XXXX PROJECT NUMBER & PHASE: XXXXXXXXXX1	COUNTY/ROUTE/ZONE: XXX/XXX/X CONTRACT No.: XX-XXXXX4	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES	SHEET X	OF X
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