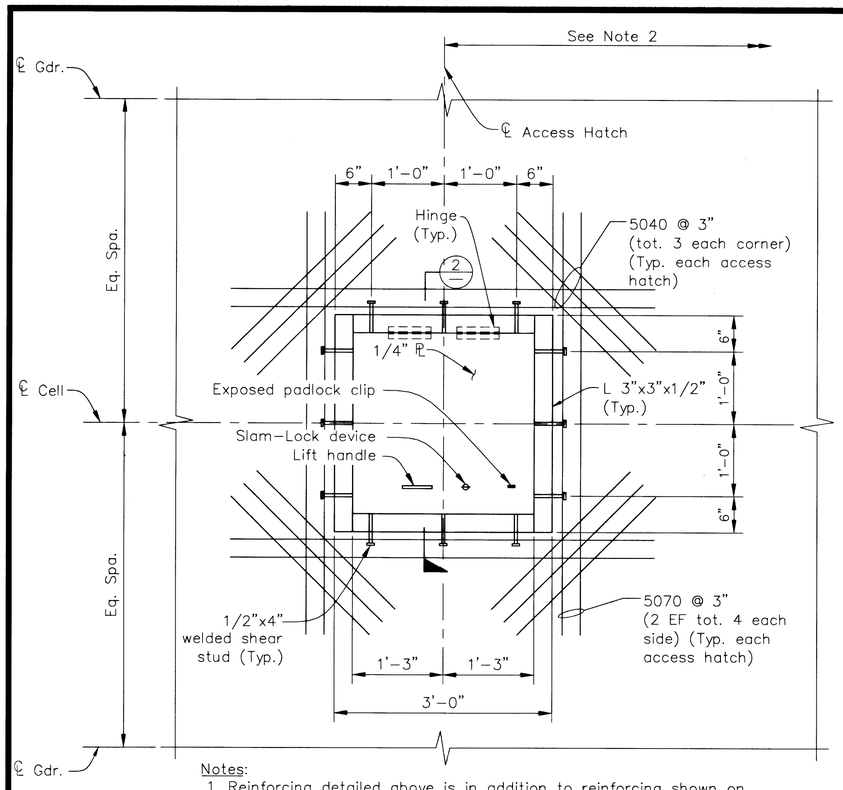
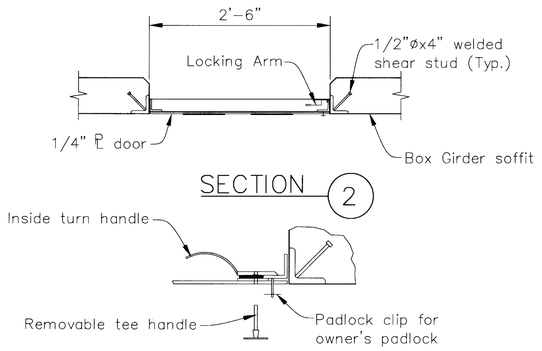


Notes:
1. Reinforcing detailed above is in addition to reinforcing shown on B-14. Cut bottom slab reinforcing as required to clear access hatch. Maximum clearance between end of reinforcing and face of opening shall be 3".
2. See B-14 for location of access hatches.

PLAN ACCESS HATCH

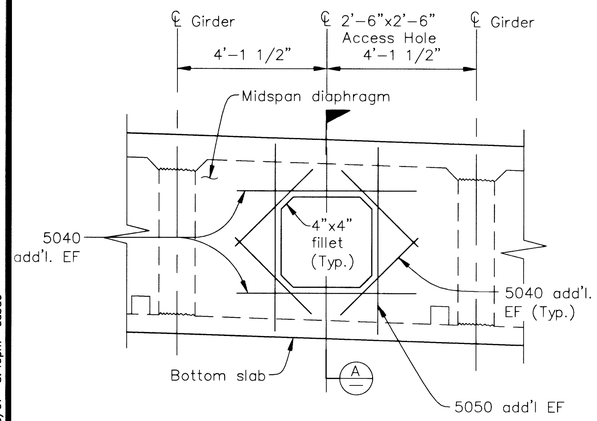
Access Door Notes:

1. Material shall be hot rolled steel conforming to ASTM A36 for bars, angles and plate.
2. Each hatch shall be equipped with a locking arm. The door shall lock open in the 90° position. Locking arm shall have a red vinyl grip handle. Locking arm shall be fastened to the frame with a 1/2" grade 316 stainless steel bolt.
3. Hinges shall be of heavy duty design and made of 3/8" steel plate. Hinge pin shall be 1/2" diameter, made of Grade 316 stainless steel.
4. Each hatch shall be supplied with a Grade 316 stainless steel slam lock and an exposed padlock clip for owner's padlock. It is anticipated that to open the hatch, personnel will first remove the padlock then with the tee handle, release the stainless steel bolts and washers.
5. The complete unit shall be galvanized in accordance with the standard specification on galvanizing. Welding of parts shall be done prior to galvanizing.
6. Access hatch shall be style "SL" galvanized steel access hatch as manufactured by Syracuse Castings Sales Corporation, or approved equal.

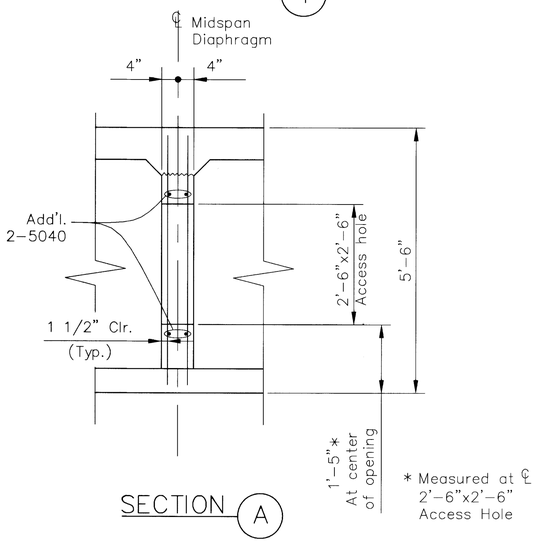


LOCKING DEVICE DETAIL

ACCESS HATCH DETAILS 1



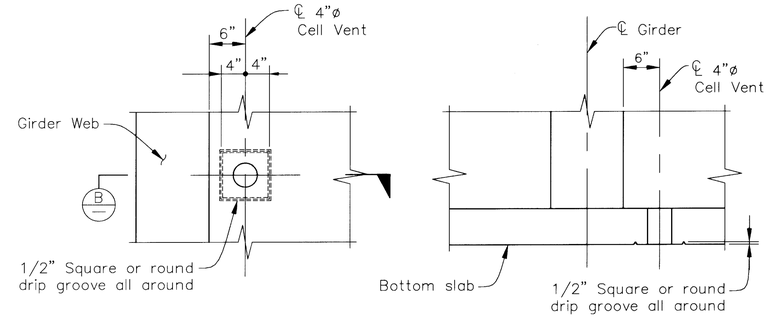
ELEVATION



SECTION A

ACCESS HOLE IN MIDSPAN DIAPHRAGM DETAILS 4

Note:
Reinforcing detailed above is in addition to reinforcing shown in Section 3



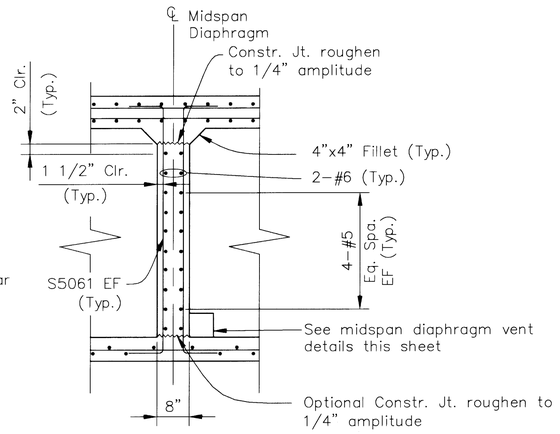
PARTIAL PLAN

SECTION B

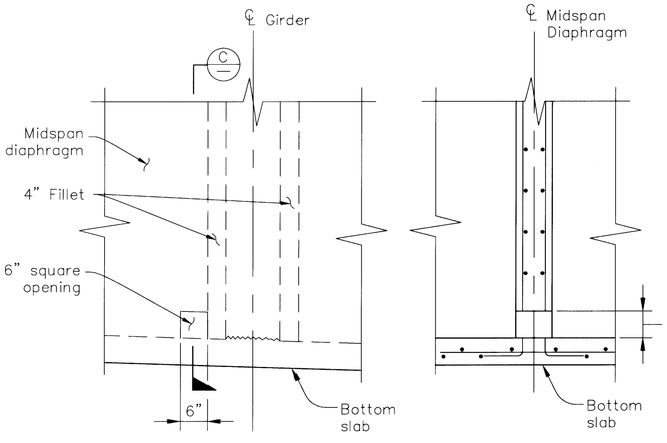
CELL VENT DETAILS 5

Notes:
1. 4"ø Cell vent in bottom slab between girder webs. Vent to be located at 1'-6" from face of abutment.
2. See B-15 for location of cell vents.

Note:
Adjust bars to clear prestressing ducts.



SECTION 3



PARTIAL ELEVATION

SECTION C

MIDSPAN DIAPHRAGM VENT DETAILS 6

REVISIONS

NO.	DATE:	DESCRIPTION	APP'D

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DESIGN SECTION
CITY ENGINEER: JORGE CERVANTES, P.E.
PROGRAM MANAGER: MARK SORENSEN, P.E.
DESIGNED BY: MA
DRAWN BY: CG
CHECKED BY: CS
HDR Engineering, Inc.
HORIZONTAL SCALE: N/A
VERTICAL SCALE: N/A
DATE: 10/2007

TITLE: TENAYA WAY OVERPASS AT SUMMERLIN PKWY H-2858
SHEET: MIDSPAN DIAPHRAGM ACCESS HOLE AND VENT DETAILS

MANAS ASTHANA Exp. 12-31-08 CIVIL
11-2-07

Sheet B-27
69 of 96
DRAWING NO. 107Y4452

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