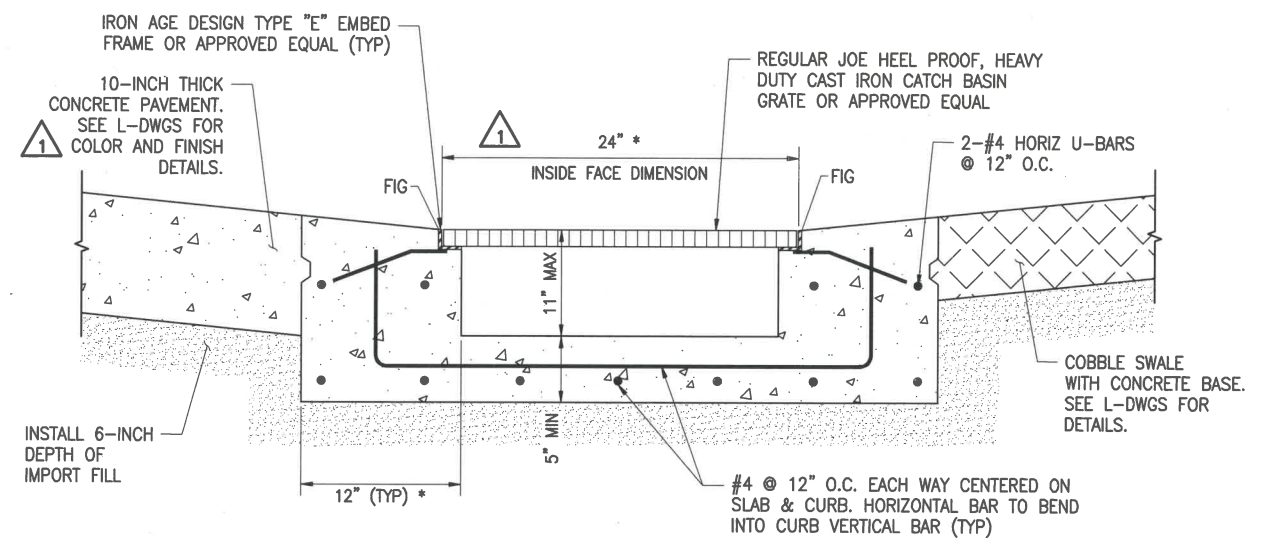


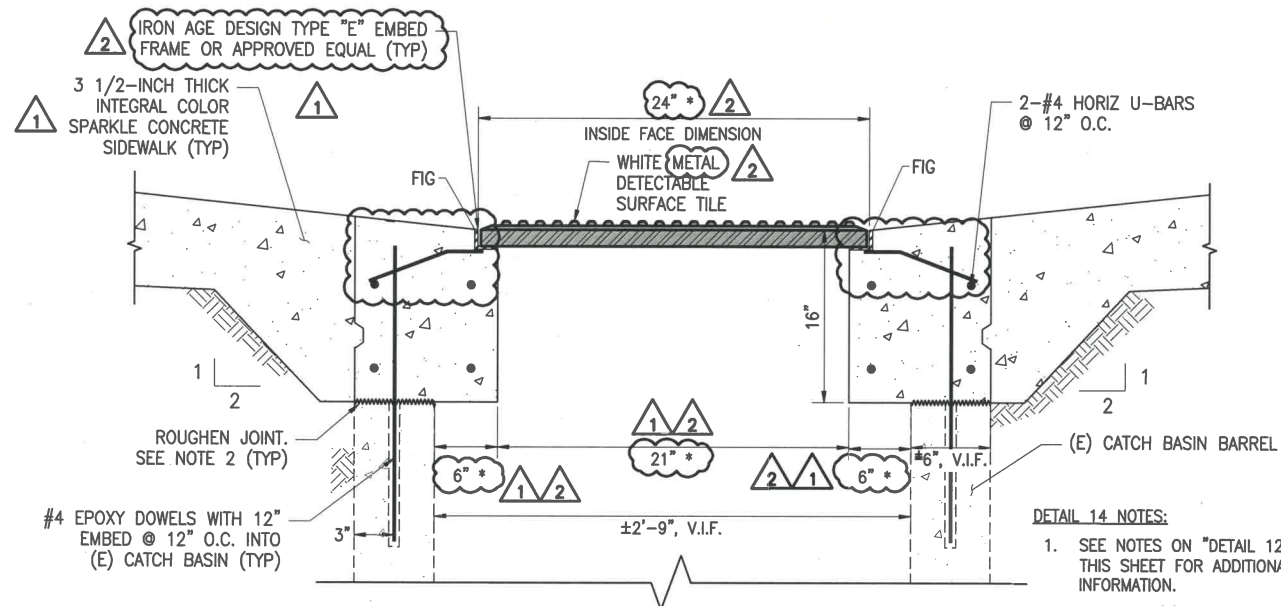
PARTIAL PLAN AT (E) CATCH BASIN 12
NOT TO SCALE

- DETAIL 12 NOTES:**
1. SEE STRUCTURAL GENERAL NOTES FOR ADDITIONAL INFORMATION.
 2. REMOVE (E) CAST IRON FRAME AND RING.
 3. ALL DIMENSIONS DENOTED WITH * REQUIRES CONTRACTOR TO COORDINATE WITH THE MANUFACTURER TO ENSURE THE GRATING AND SUPPORT WILL FIT ONTO CONCRETE CURB. DIMENSIONS SHALL BE APPROVED BY CITY REPRESENTATIVE PRIOR TO FABRICATION.
 4. ALL DIMENSIONS DENOTED WITH ** REQUIRES CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS AND COORDINATE LAYOUT WITH CITY REPRESENTATIVE PRIOR TO FABRICATION AND CONCRETE POUR.
 5. CONTRACTOR TO SUBMIT MANUFACTURER SHOP DRAWINGS FOR CITY REPRESENTATIVE REVIEW AND APPROVAL PRIOR TO FABRICATION.



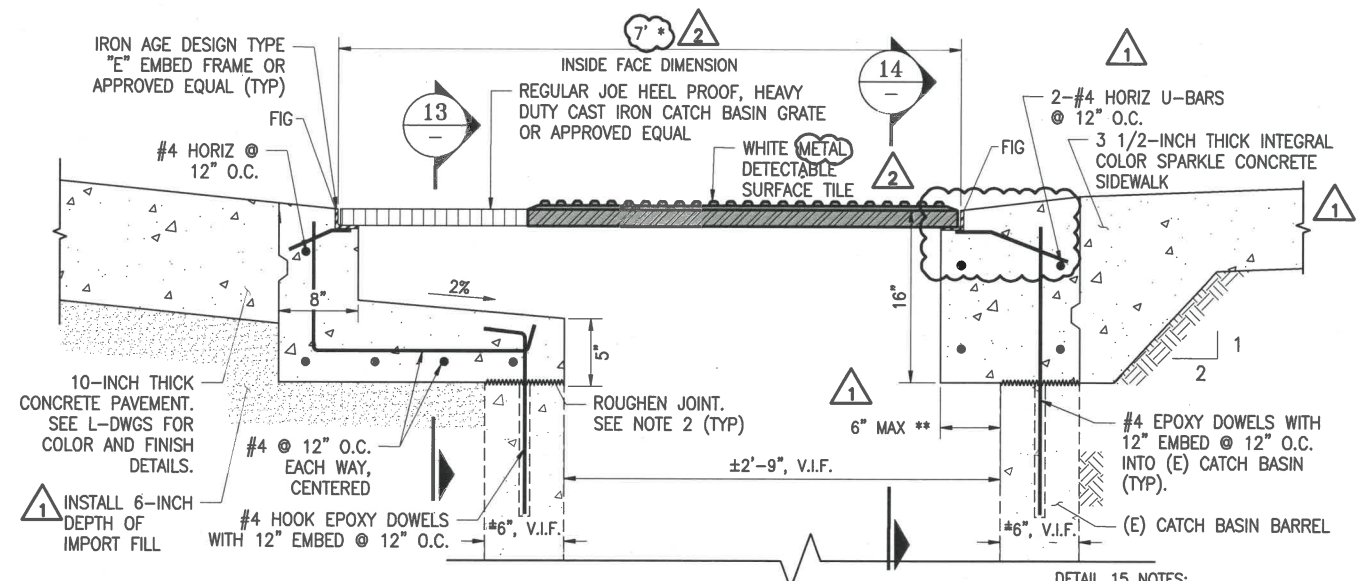
SECTION AT SWALE 13
NOT TO SCALE

- DETAIL 13 NOTES:
1. SEE NOTES ON "DETAIL 12" ON THIS SHEET FOR ADDITIONAL INFORMATION.



SECTION AT (E) CATCH BASIN 14
NOT TO SCALE

- DETAIL 14 NOTES:**
1. SEE NOTES ON "DETAIL 12" ON THIS SHEET FOR ADDITIONAL INFORMATION.
 2. ROUGHEN (E) SURFACE WITH 1/4" AMPLITUDE. APPLY SIKA ARMANTEC 110 EPO CEM OR APPROVED EQUAL BONDING AGENT.



SECTION AT NORTH (E) CATCH BASIN 15
NOT TO SCALE P-2A

- DETAIL 15 NOTES:
1. SEE NOTES ON "DETAIL 12" ON THIS SHEET FOR ADDITIONAL INFORMATION.
 2. ROUGHEN (E) SURFACE WITH 1/4" AMPLITUDE. APPLY SIKA ARMANTEC 110 EPO CEM OR APPROVED EQUAL BONDING AGENT.

REFER TO DRAWING REVISION 0
FOR MANAGER SIGNATURES

2	12/18	REVISE REINFORCEMENT, METAL PLATES, AND DIMENSIONS	KC	DMC	
1	08/18	REVISE FOR COVER PLATE AND DOMES	YL	KC	
NO.	DATE	DESCRIPTION	BY	APP.	
<p style="text-align: center;">TABLE OF REVISIONS</p> <p>THIS DRAWING WAS LAST MODIFIED: 12/11/18 10:02, BY: keochong</p>					



**BUREAU OF DESIGN &
ENGINEERING**
PUBLIC WORKS
CITY & COUNTY OF SAN FRANCISCO

30 VAN NESS AVENUE, 5TH FLOOR
SAN FRANCISCO, CA 94102 - 6028

	Date:
Acting Section Mgr: ERIC KJELSBERG	
Deputy Division Mgr: FERNANDO CISNEROS	
Division Mgr: PATRICK RIVERA	

DESIGNED:	DATE:
K.CHANG	12/1
DRAWN:	DATE:
K.CHANG	12/1
CHECKED:	DATE:
J. NG	12/1



SCALE:
N.T.S.
SHEET OF SHEETS

SECOND STREET IMPROVEMENT PROJECT

NATOMA STREET
DETAIL SECTIONS I OF II
REINFORCED CONCRETE BASIN AND CURBS

EHY JO NO. 2835J
CONTRACT NO. 1064J (R)
DRAWING NO. R-12A
FILE NO. 106,335.1
REV. - NO. 2