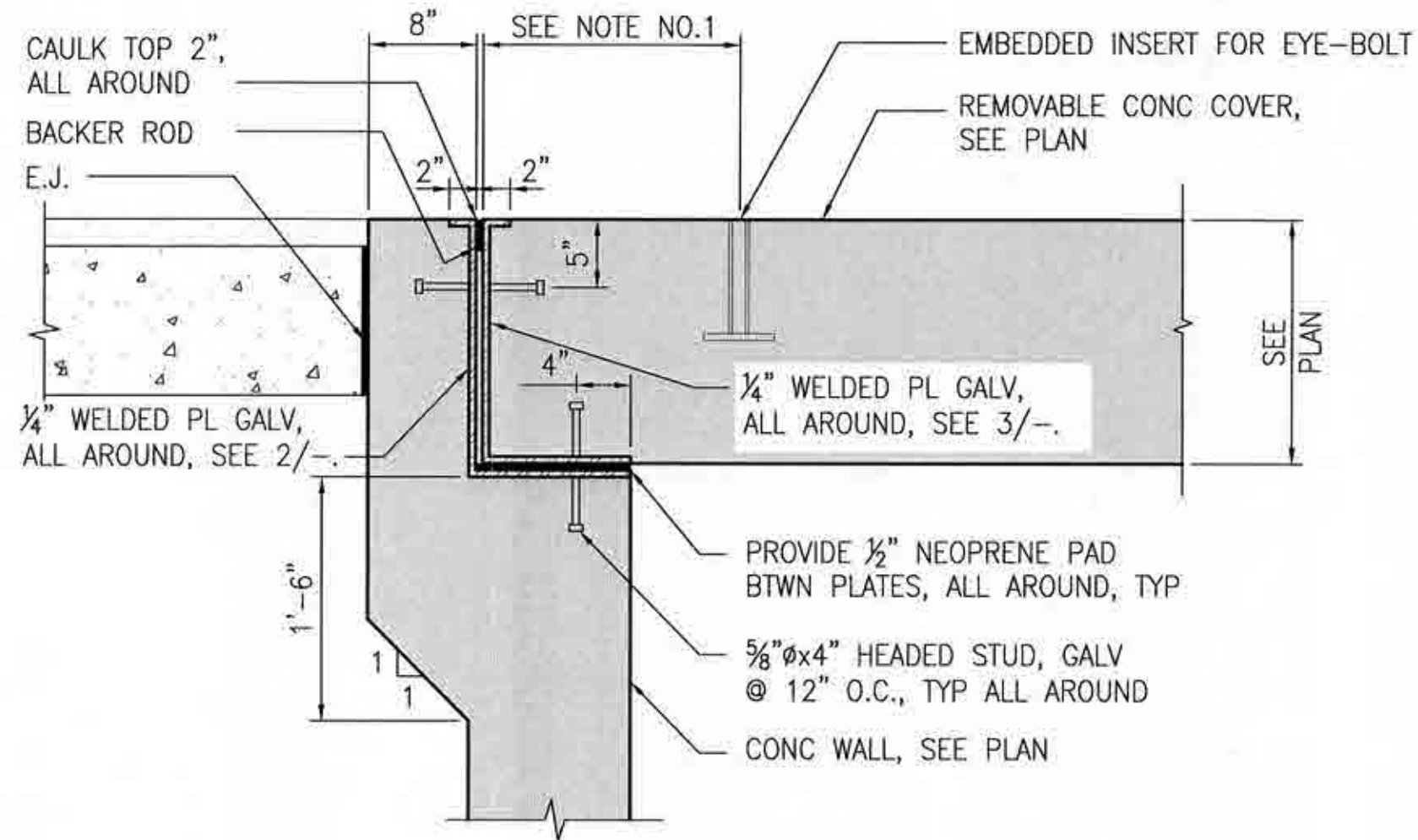


FILE: NAME:\2652\19th\_avenue\_combined\_city\_project\2\_Design\working\_drawings\EME\current\_aves\Structural\_drawings\2652\_19thAve-S2.dwg

SAVE Monday, December 17, 2018 9:13:40 AM

PLOT: EXTENTS  
SCALE: 1"=1'-0"  
BORDER:  
22,34  
COLOR: No.  
RED 0.70MM  
YELLOW 0.20MM  
GREEN 0.25MM  
CYAN 0.40MM  
BLUE 0.50MM  
MAGENTA 0.20MM  
WHITE 0.35MM  
GRAY 0.15MM  
9 0.15MM  
10 1.00MM  
100 0.50MM  
210 0.50MM



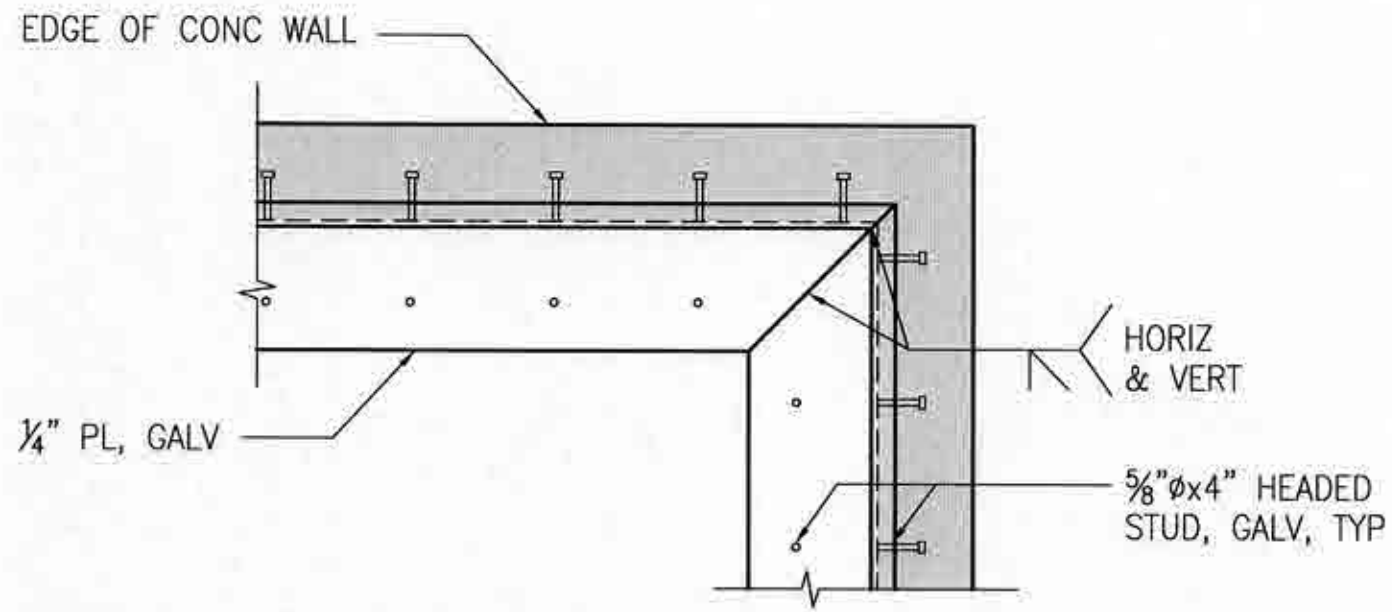
NOTES:

- CONTRACTOR SHALL SUBMIT THE FOLLOWING FOR REVIEW AND APPROVAL PRIOR TO FABRICATION OF REMOVABLE TOP SLAB:
  - SHOP DRAWINGS INCLUDING PRODUCT DATA AND CERTIFICATE OF EMBEDDED INSERTS.
  - CALCULATIONS, INCLUDING PROPOSED LOCATION OF EMBEDDED INSERTS, STAMPED AND SIGNED BY A CIVIL ENGINEER REGISTERED IN CALIFORNIA.
  - SHOP DRAWINGS FOR THE BENT PLATES.
- INSERTS SHALL BE 316 STAINLESS STEEL.
- TESTING OF EMBEDDED INSERTS: APPLY DIRECT TENSION TEST LOAD OF 1.5 TIMES THE FORCE AT EACH INSERT. TEST ALL INSERTS.
- CONTRACTOR SHALL INSTALL INSERTS PER MANUFACTURER'S RECOMMENDATIONS.
- PLUG ALL INSERTS WITH PLASTIC THREADED BOLTS, FLUSH WITH SURFACE.

DETAIL

SCALE: 1"=1'-0"

1

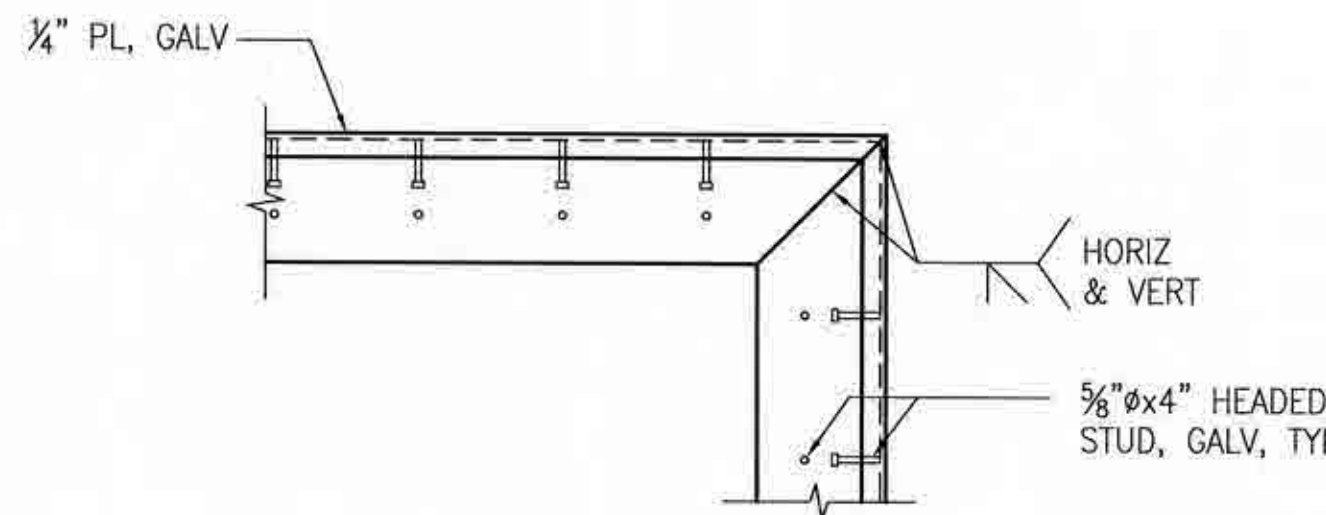


PLAN

WALL PLATE DETAIL

3/4"=1'-0"

2

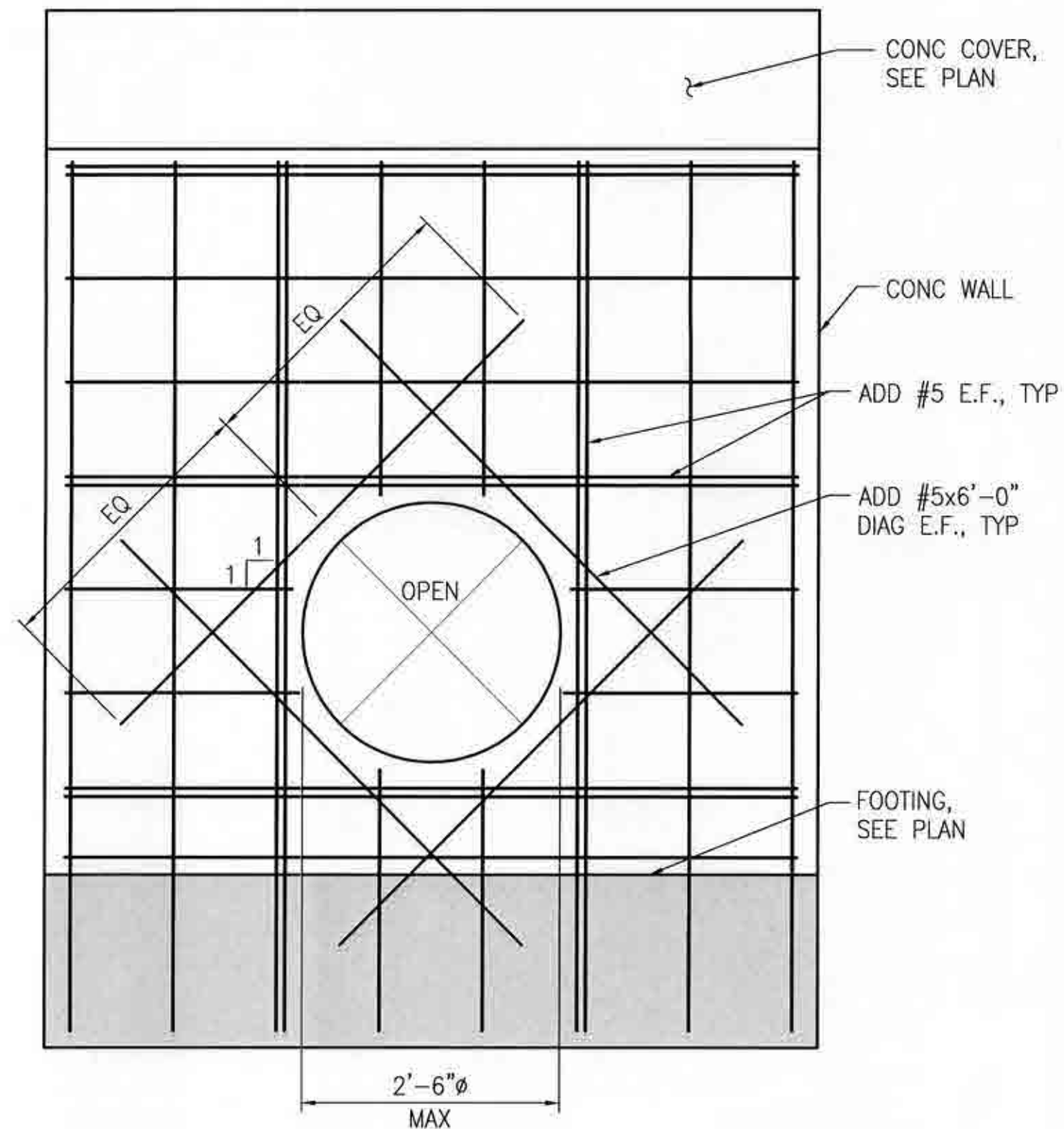


PLAN

SLAB PLATE DETAIL

3/4"=1'-0"

3

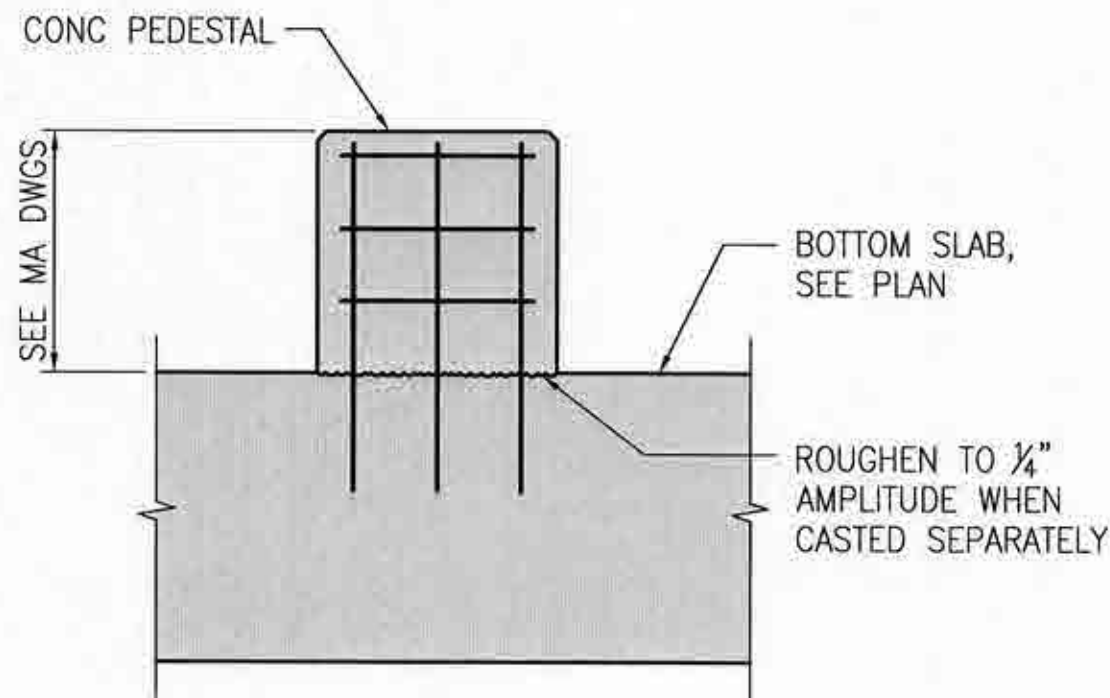


ELEVATION

TYPICAL REINFORCEMENT AROUND WALL OPENING

3/4"=1'-0"

4



NOTES:

- VERIFY ALL DIMENSIONS AND LOCATIONS WITH MA DRAWINGS PRIOR TO START OF CONSTRUCTION.
- REBARS MAY BE EITHER CAST-IN-PLACE OR POST INSTALLED.
- POST INSTALLED DOWELS SHALL BE SET IN EPOXY W/ MIN 6" EMBED INTO CONC FOOTING.
- FOOTING REINF NOT SHOWN FOR CLARITY.
- FOR INFORMATION NOT SHOWN OR NOTED, SEE MA DRAWINGS.

DETAIL

3/4"=1'-0"

5

FOR THE SOLE USE OF THE DOCUMENT  
RECIPIENT - DO NOT CITE, COPY, OR  
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PERMISSION OF THE SFPUC.

REFERENCES

GATE BOOK PAGES, PLANS,  
SURVEY NOTES, ETC., USED

GATE BOOK PAGES  
NO.



CITY AND COUNTY OF SAN FRANCISCO  
SAN FRANCISCO PUBLIC WORKS  
BUREAU OF DESIGN AND ENGINEERING

SECTION MANAGER  
DESIGNED  
CHECKED  
DATE  
12/19/18  
12/24/18  
12/18/18

NO. DATE DESCRIPTION BY APPROV'D SHEET  
REVISIONS

CITY AND COUNTY OF SAN FRANCISCO  
PUBLIC UTILITIES COMMISSION  
WATER ENTERPRISE  
CITY DISTRIBUTION DIVISION

19TH AVENUE (STATE ROUTE 1)  
COMBINED CITY PROJECT

AUXILIARY WATER SUPPLY SYSTEM WORK

DETAILS III

APPROVED  
ENGINEERING MANAGER  
MANAGER, CITY DISTRIBUTION DIVISION  
SCALE  
AS SHOWN  
DATE  
01/2019  
REVISION NO.  
0

297 OF 356 MA-S2.3 111,595