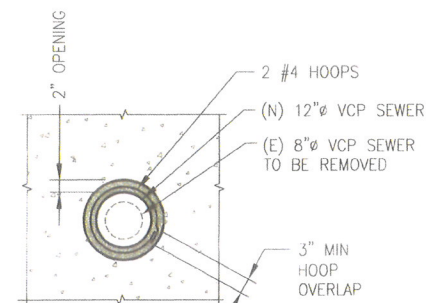


PLAN  
SCALE: 1"=30'

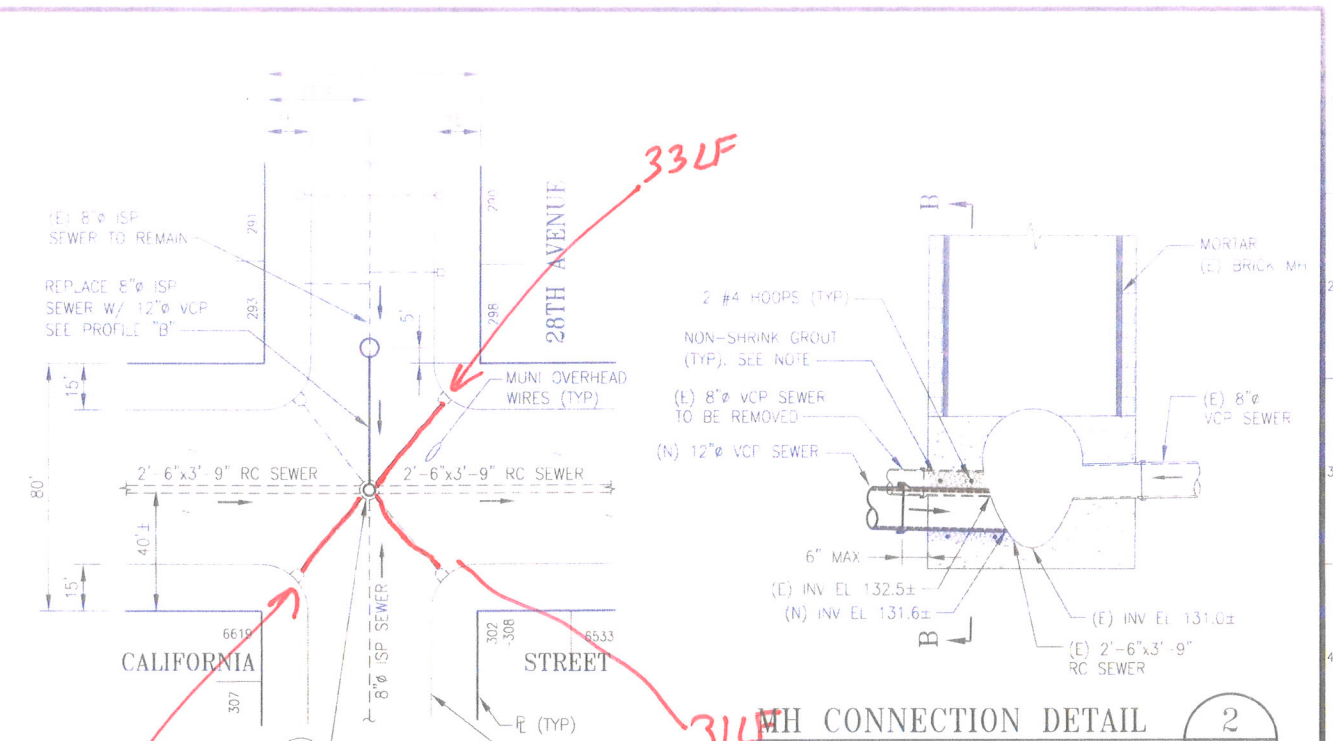
MH CONNECTION DETAIL 1

DETAIL 1 NOTES:

1. CORE DRILL (E) SEWER WALL TO PROVIDE AN OPENING 4" LARGER THAN THE OD OF (N) 12" VCP SEWER. PLACE TWO #4 HOOPS AROUND THE (N) SEWER AND PACK THE ANNULAR SPACE WITH NON-SHRINK GROUT. VCP SHALL BE FLUSH WITH THE INTERIOR OF THE RC SEWER.
2. REFER TO REFERENCE PLAN FOR 2'-6"x3'-9" RC SEWER DETAILS.



SECTION A

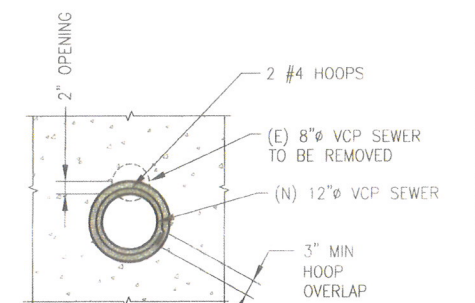


PLAN  
SCALE: 1"=30'

MH CONNECTION DETAIL 2

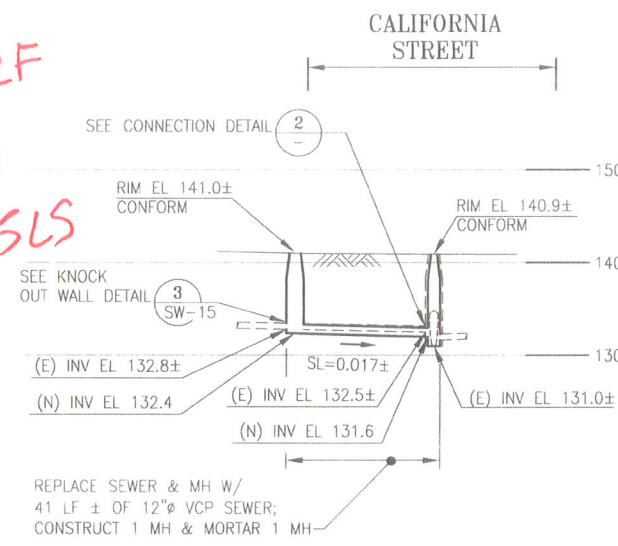
DETAIL 2 NOTES:

1. CORE DRILL (E) SEWER WALL TO PROVIDE AN OPENING 4" LARGER THAN THE OD OF (N) 12" VCP SEWER. PLACE TWO #4 HOOPS AROUND THE (N) SEWER AND PACK THE ANNULAR SPACE WITH NON-SHRINK GROUT. VCP SHALL BE FLUSH WITH THE INTERIOR OF THE RC SEWER.
2. REFER TO REFERENCE PLAN FOR 2'-6"x3'-9" RC SEWER DETAILS.



SECTION B

SW 23 = 158 LF  
SW 30 = 5 EA  
SW 14 = 0.5 LS



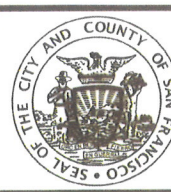
PROFILE B (LOOKING EAST)  
SCALE: HORIZ 1"=30'  
VERT 1"=10'



SEWER SIZED BY  
B.A. FA  
APPROVED BY  
B.S. BS

| NO. | DATE | DESCRIPTION | BY | APP. |
|-----|------|-------------|----|------|
|     |      |             |    |      |
|     |      |             |    |      |
|     |      |             |    |      |
|     |      |             |    |      |

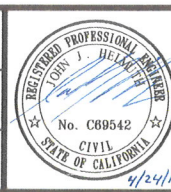
REFERENCE INFORMATION  
& FILE NO. OF SURVEYS  
A-773  
BK-035\_PG-053  
L-4084  
P-17



DESIGN & ENGINEERING  
CITY & COUNTY OF SAN FRANCISCO  
SAN FRANCISCO PUBLIC WORKS  
30 VAN NESS AVENUE, 5TH FLOOR  
SAN FRANCISCO, CA 94102 - 6028

| Section Mgr       | Date    |
|-------------------|---------|
| LESLEY WONG       | 4/25/18 |
| Deputy Bureau Mgr | Date    |
| IQBAL DHAPA       | 4/27/18 |
| Bureau Mgr        | Date    |
| PATRICK RIVERA    | 4/27/18 |

| DESIGNED  | DATE    |
|-----------|---------|
| J.KUNG    | 4/20/18 |
| DRAWN     | DATE    |
| S.HUEY    | 4/20/18 |
| CHECKED   | DATE    |
| J.HELMUTH | 4/20/18 |



| SCALE           |
|-----------------|
| AS NOTED        |
| SHEET OF SHEETS |
| 67 OF 89        |

VARIOUS LOCATIONS PAVEMENT  
RENOVATION NO. 37 AND SEWER REPLACEMENT  
INTERSECTION OF 27TH AVE & CALIFORNIA ST  
INTERSECTION OF 28TH AVE & CALIFORNIA ST  
SEWER PLANS, PROFILES, DETAILS & SECTIONS

| CONTRACT NO. |
|--------------|
| 2792J        |
| DRAWING NO.  |
| SW-17        |
| FILE NO.     |
| 110,005      |
| REV. NO.     |
| 0            |