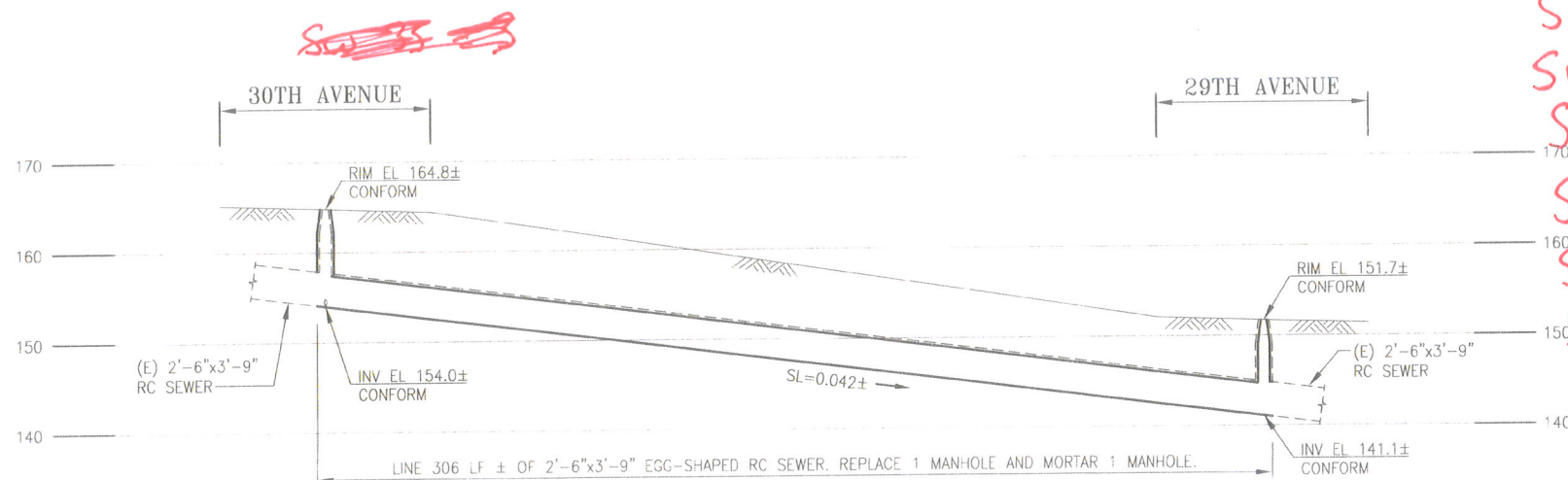
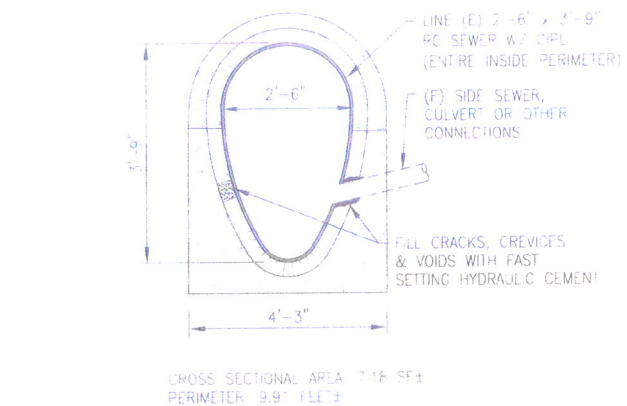


PLAN
SCALE: 1"=30'



PROFILE
SCALE: HORIZ 1"=30'
VERT 1"=10'



NOTES:

1. PRIOR TO LINING WORK, CLEAN EXISTING MANHOLE AND SEWER SURFACES WITH HIGH VELOCITY HYDRO CLEANING EQUIPMENT IN ACCORDANCE WITH SPECIFICATION SECTION 33.33.00.
2. PRIOR TO ORDERING THE LINER, THE LINING CONTRACTOR SHALL TAKE FIELD MEASUREMENTS TO DETERMINE EXACT INSIDE DIMENSIONS AND LENGTH OF SEWERS TO BE LINED. FOR EVERY 25' LENGTH OF SEWER, AT LEAST ONE MEASUREMENT SHALL BE TAKEN. LOGS OF MEASUREMENTS SHALL BE SUBMITTED TO CITY REPRESENTATIVE FOR RECORDS.
3. OUTSIDE DIMENSIONS OF CURED-IN-PLACE LINER SHALL BE EQUAL TO INSIDE DIMENSION OF EXISTING SEWER TO BE LINED. SUBMITTALS SHALL SPECIFY SIZE OF LINERS TO BE USED FOR EACH SEWER.

Sw 11 = 306 LF
Sw 23 = 101 LF
Sw 30 = 3 EA
Sw 35 = 3 CY
Sw 13 = 0.5 LS
Sw 14 = 0.5 LS
Sw 15 = 4 EA
Sw 16 = 4 EA
Sw 4 = 1 EA

LINING 2'-6"x3'-9" RC SEWERS DETAIL

1

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

NO.	DATE	DESCRIPTION	BY	APP.

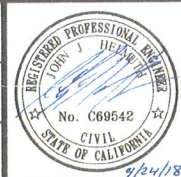
REFERENCE INFORMATION
& FILE NO. OF SURVEYS
A-27,414
A-773
BK-035_PG-053
P2-005
P2-008
SH-16-86



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
66 OF 89

VARIOUS LOCATIONS PAVEMENT
RENOVATION NO. 37 AND SEWER REPLACEMENT
CALIFORNIA STREET SEWER REHABILITATION
29TH AVENUE TO 30TH AVENUE
PLAN, PROFILE AND DETAIL

CONTRACT NO.
2792J
DRAWING NO.
SW-16
FILE NO.
110,004
REV. NO.
0