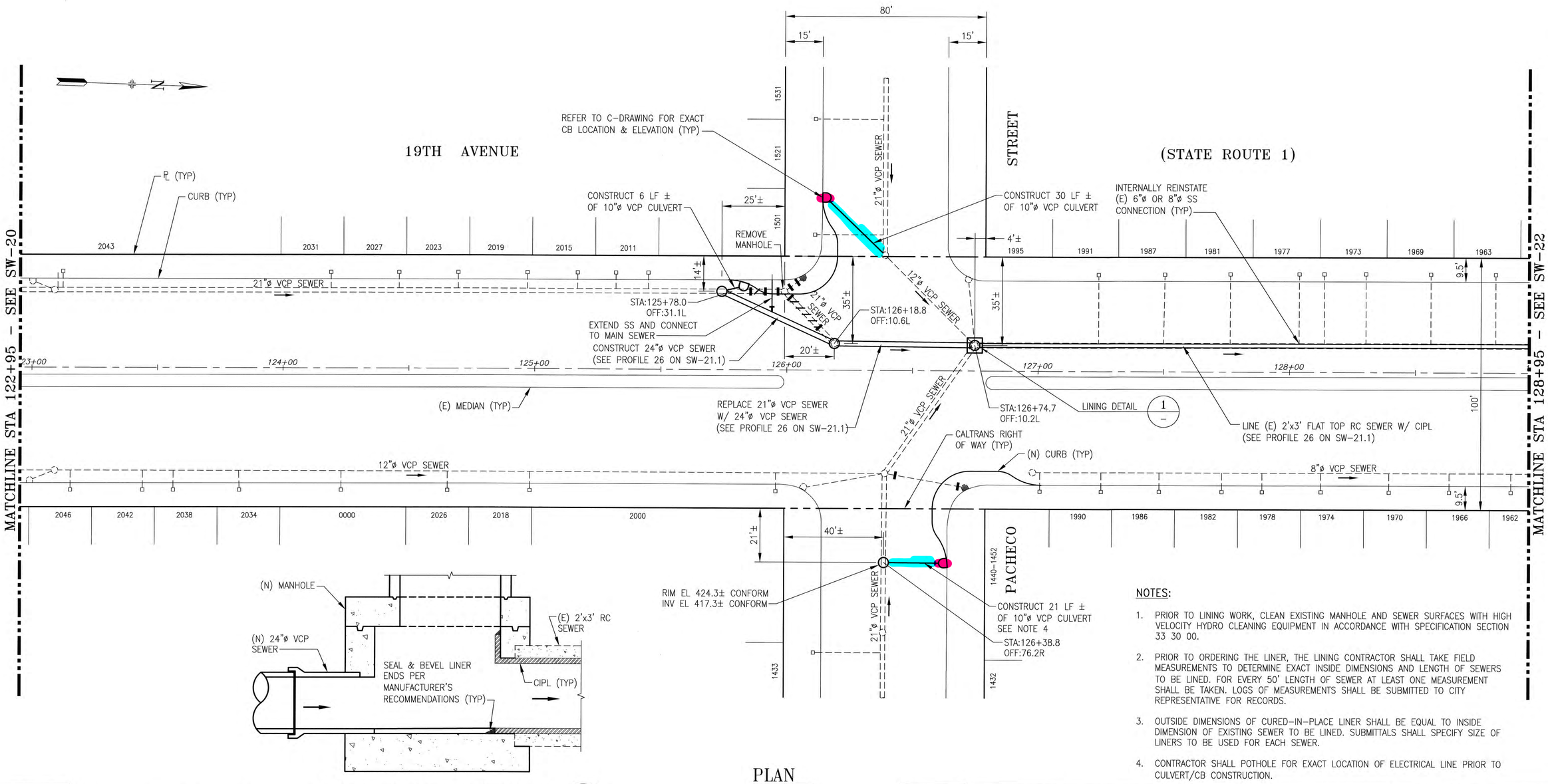

2'x3' RC SEWER LINING DETAIL 1

SCALE: NONE

PLAN

SCALE: 1"=20'

NOTES:

1. PRIOR TO LINING WORK, CLEAN EXISTING MANHOLE AND SEWER SURFACES WITH HIGH VELOCITY HYDRO CLEANING EQUIPMENT IN ACCORDANCE WITH SPECIFICATION SECTION 33 30 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 50' 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.
4. CONTRACTOR SHALL POTHOLE FOR EXACT LOCATION OF ELECTRICAL LINE PRIOR TO CULVERT/CB CONSTRUCTION.

SEWER SIZED BY B.S.. BS
APPROVED BY B.S. [illegible]

ELEVATION DATUM NAVD88

PLAN APPROVAL DATE	CONTRACT No.	PROJECT ID	DISTRICT	COUNTY	ROUTE	POST MILES TOTAL PROJECT
	04-0G3501	0400000325	04	SF	1	R0.94/4.05

NO.	DATE	DESCRIPTION	BY	APP.
0	12/19	ISSUE FOR BID	BN	LW

TABLE OF REVISIONS

REFERENCE INFORMATION & FILE NO. OF SURVEYS
A-1949
A-12821
A-13591
A-13591.1

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

		Date:
Section Mgr: LESLEY WONG	[signature]	12/12/19
Deputy Bureau Mgr: FERNANDO CISNEROS	[signature]	12/16/19
Acting Bureau Mgr: IQBAL DHAPA	[signature]	12/16/19

DESIGNED: B.NG	BN	DATE: 12/2019
DRAWN: S.LIM	SL	DATE: 12/2019
CHECKED: G.FONG	GF	DATE: 12/2019

REGISTERED PROFESSIONAL ENGINEER PENNY NG No. C72192 CIVIL STATE OF CALIFORNIA
12/11/19

SCALE: AS SHOWN
SHEET OF SHEETS 166 OF 356

19TH AVENUE (STATE ROUTE 1)
COMBINED CITY PROJECT

19TH AVENUE SEWER REPLACEMENT
STA 122+95 TO STA 128+95
PLAN

CONTRACT ID 1000005832
DRAWING NO. SW-21
FILE NO. 111,464
REV. NO. 0

HYD PROJECT NO. 2767J