

**NOTES:**

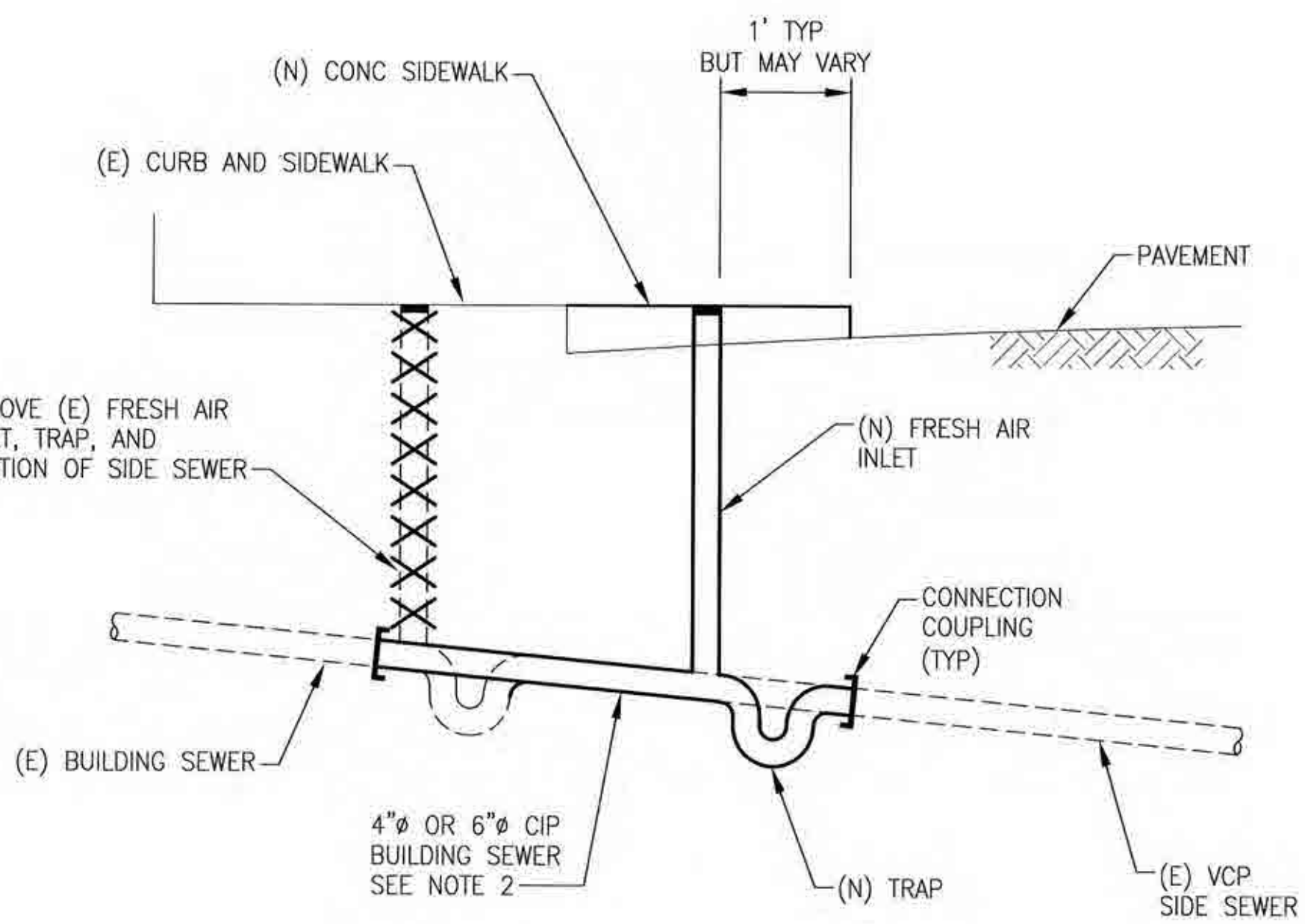
1. PLACE 1" PROTECTION BAR HORIZONTALLY ACROSS THE ENTIRE LENGTH OF THE CURB OPENING, AND EMBEDDED IN END WALLS W/ 2" MIN COVER FROM FACE OF CURB (ALHAMBRA FOUNDRY A-1563 OR APPROVED EQUAL). PROTECTION BAR SHALL BE CENTERED VERTICALLY WITHIN THE OPENING.
2. ALL METAL SHALL BE GALVANIZED AFTER FABRICATION.
3. REFER TO SFDPW STD PLAN 87,187 FOR CURB INLET DETAILS.
4. ALL CATCH BASINS W/ CURB INLET SHALL INCLUDE PRETECTION BAR.

**CATCH BASIN W/ CURB INLET**

SCALE: NONE

1

SW-1, SW-2, SW-9, SW-10, SW-11, SW-12, SW-13



**NOTES:**

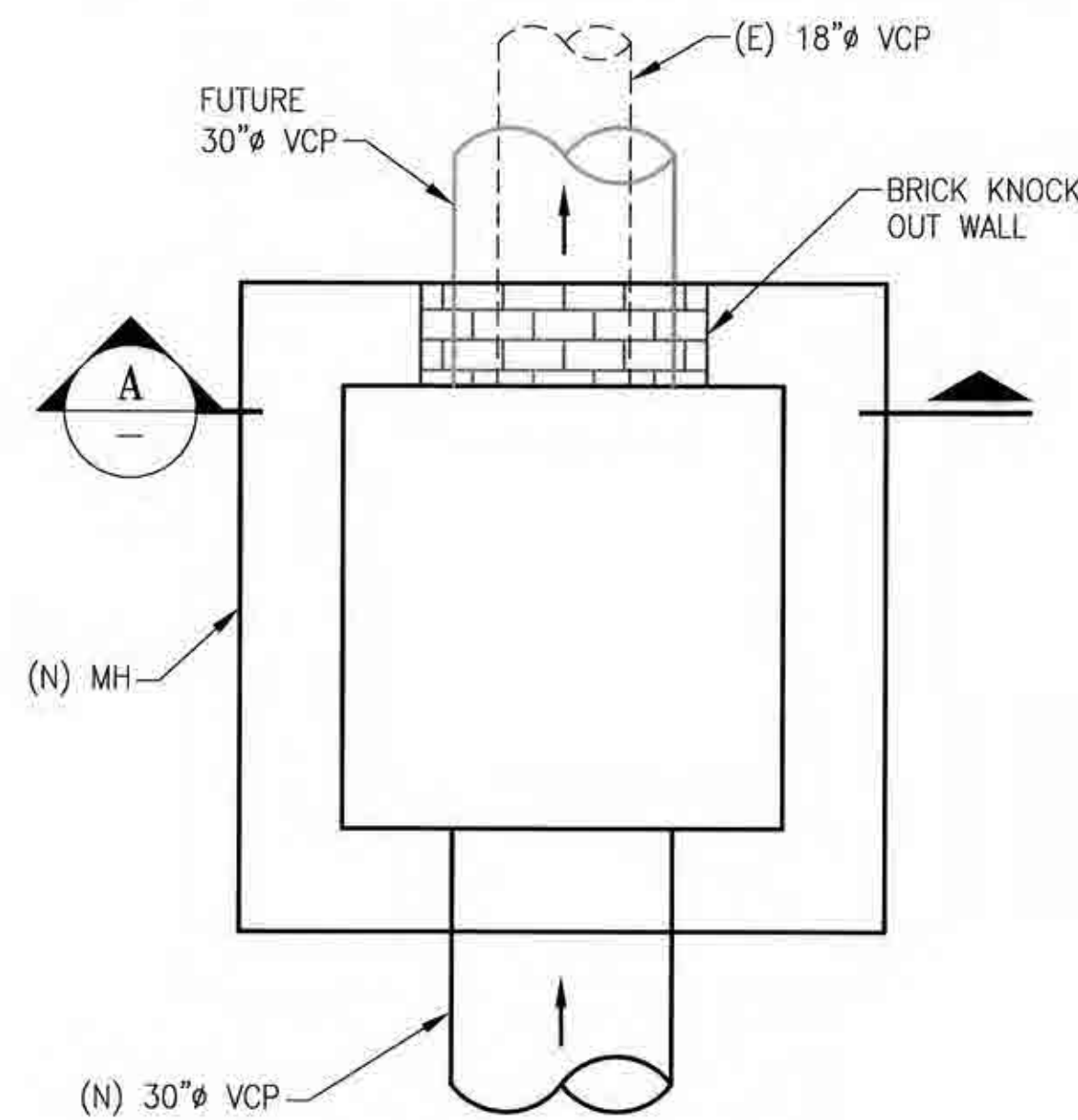
1. FOR DETAILS OF SIDE SEWER FRESH AIR INLET AND TRAP, REFER TO SFDPW STD. PLAN 87,196.
2. WHEN THE (E) BUILDING SEWER SHOWN IN THE DETAIL IS LARGER THAN 4" OR 6", THEN THE IDENTICAL SIZE OF (N) CIP AND TRAP SHALL BE USED.
3. (E) VCP SIDE SEWER TO REMAIN UNLESS NOTED OTHERWISE ON SW DRAWINGS OR IF REPLACEMENT IS DIRECTED BY THE CITY REPRESENTATIVE POST VIDEO INSPECTION
4. RESTORE ALL AFFECTED PANELS OF SIDEWALK.

**RELOCATION OF (E) SIDE SEWER TRAP AND FRESH AIR INLET ASSEMBLY**

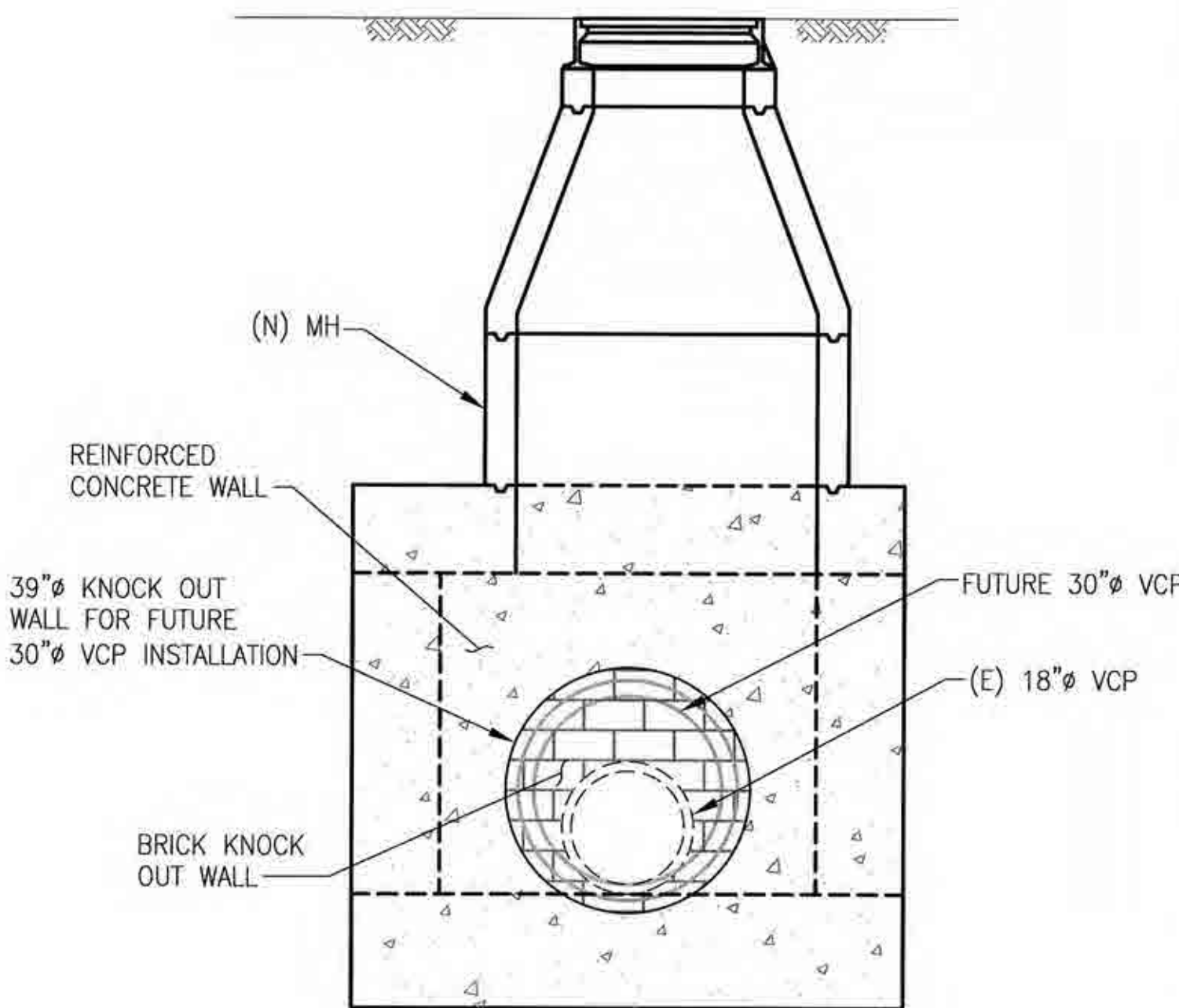
SCALE: NONE

2

SW-1, SW-8, SW-10, SW-12, SW-13, SW-15, SW-16, SW-19, SW-20, SW-24, SW-26, SW-29



**PLAN**



**SECTION A**

**MANHOLE KNOCK OUT WALL DETAIL**

SCALE: NONE

3

SW-15

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

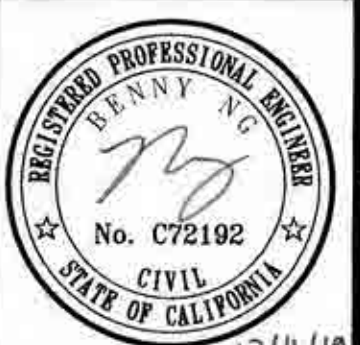
REFERENCE INFORMATION & FILE NO. OF SURVEYS



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

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

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



SCALE:	AS SHOWN
SHEET OF SHEETS	124 OF 356

19TH AVENUE (STATE ROUTE 1) COMBINED CITY PROJECT
19TH AVENUE SEWER REPLACEMENT DETAILS

CONTRACT ID	1000005832
DRAWING NO.	SW-G3
FILE NO.	111,422
REV. NO.	0

ELEVATION DATUM	PLAN APPROVAL DATE	CONTRACT No.	PROJECT ID	DISTRICT	COUNTY	ROUTE	POST MILES TOTAL PROJECT
NAVD88		04-0G3501	0400000325	04	SF	1	R0.94/4.05