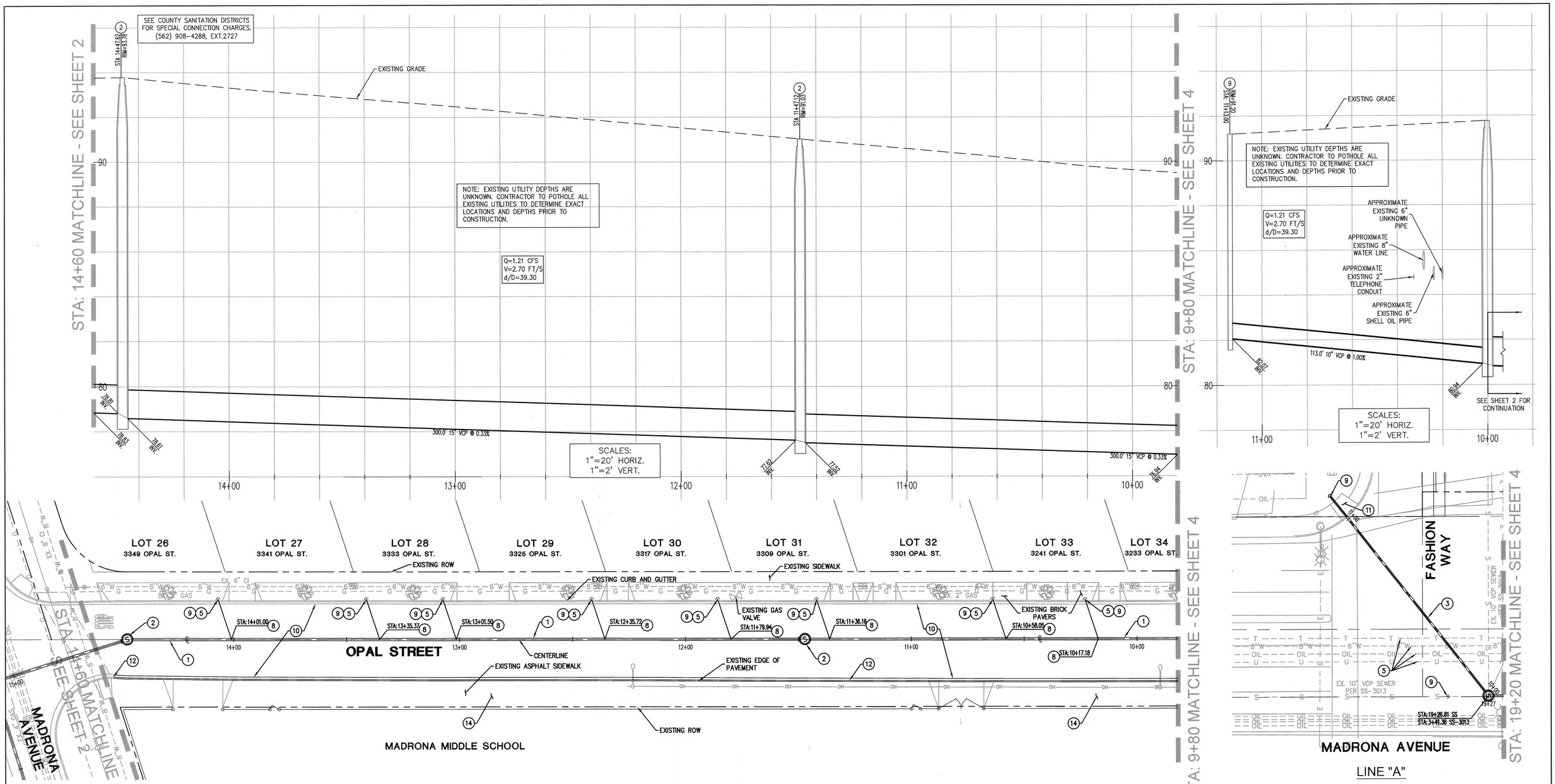

CONSTRUCTION NOTES

1. CONSTRUCT 15" EXTRA STRENGTH VCP SEWER PIPE. BEDDING PER CITY OF TORRANCE STD. T204, TRENCHING AND PAVEMENT REPAIR PER CITY OF TORRANCE STD. T116.
2. CONSTRUCT SEWER MANHOLE PER SPPWC STD. 200 (60" DIA.).
3. CONSTRUCT 10" EXTRA STRENGTH VCP SEWER PIPE. BEDDING PER CITY OF TORRANCE STD. T204, TRENCHING AND PAVEMENT REPAIR PER CITY OF TORRANCE STD. T116.
5. PROTECT IN PLACE EXISTING IMPROVEMENT.
8. CONSTRUCT 6" SEWER LATERAL PER CITY OF TORRANCE STD. T203 AND SPPWC STD. 222-2, TYPE C., TRENCHING AND PAVEMENT REPAIR PER CITY OF TORRANCE STD. T116.
9. INSTALL TERMINAL CLEANOUT PER SPPWC 204-2.
10. SLURRY SEAL OPAL STREET, ENTIRE STREET WIDTH FOLLOWING TRENCH REPAIR, REPAINT PAVEMENT MARKERS.
11. RECONSTRUCT RAMP PER SPPWC 111-5 CASE A TYPE 1.
12. CONSTRUCT CURB AND GUTTER PER SPPWC STD. 120-2.
14. REMOVE EXISTING AC PAVEMENT AND CONSTRUCT PCC SIDEWALK AND DRIVEWAY APPROACHES PER SPPWC STD. 110 (TYPE B) AND 112 RESPECTIVELY.

N

GRAPHIC SCALE
0 20 40 80
(IN FEET)
1 inch = 20 ft.

BENCH MARK

QUAD. YEAR	ELEV. FOOT	DESCRIPTION	BM NUMBER	DATUM
TORRANCE (2005)	97.315	DPW BM TAG IN E CB 2M(6.5 FT) S/O BCR @ SE COR FASHION WAY & HAWTHORNE BLVD	Y 10948	NAVD 1988

CITY OF TORRANCE
PUBLIC WORKS DEPARTMENT

NO WORK SHALL BE DONE ON THIS SITE UNTIL BELOW AGENCY IS NOTIFIED OF INTENTION TO GRADE OR EXCAVATE.

811 Know what's below. Call before you dig.
TWO WORKING DAYS BEFORE YOU DIG

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REVISIONS

REV	DATE	BY	CHECKED	DESCRIPTION

OPAL STREET
SEWER PROJECT
(MADRONA AVENUE BETWEEN FASHION WAY AND OPAL STREET AND OPAL STREET BETWEEN MADRONA AVENUE AND MAPLE AVENUE)
14+60.00 TO 9+80.00

PREPARED UNDER THE SUPERVISION OF
TAIT & ASSOCIATES, INC.
MICHAEL P. SILVEY
RCE No. 58651
12/18/15
DATE

REGISTERED PROFESSIONAL ENGINEER MICHAEL P. SILVEY No.C058651 Exp.12/31/2016 CIVIL STATE OF CALIFORNIA
SEAL

DRAWN:
DESIGNED:
PROJECT ENGINEER:
ENGINEERING MANAGER:

APPROVED: 1/5/2016
CRAIG BILEZERIAN, PE
CITY ENGINEER
R.C.E. NO. 55339 (EXP. 12/31/2016)
DATE

SCALE: AS SHOWN SHEET 3 OF 5
PLAN NO. **SS-390**

OPAL-SWR-3

Dec 18, 2015 - 11:14am by ggalaviz K:\Drawings\CP\SP0370\DWG\Plans 8X\SP0370-11-SSW-OPAL.dwg