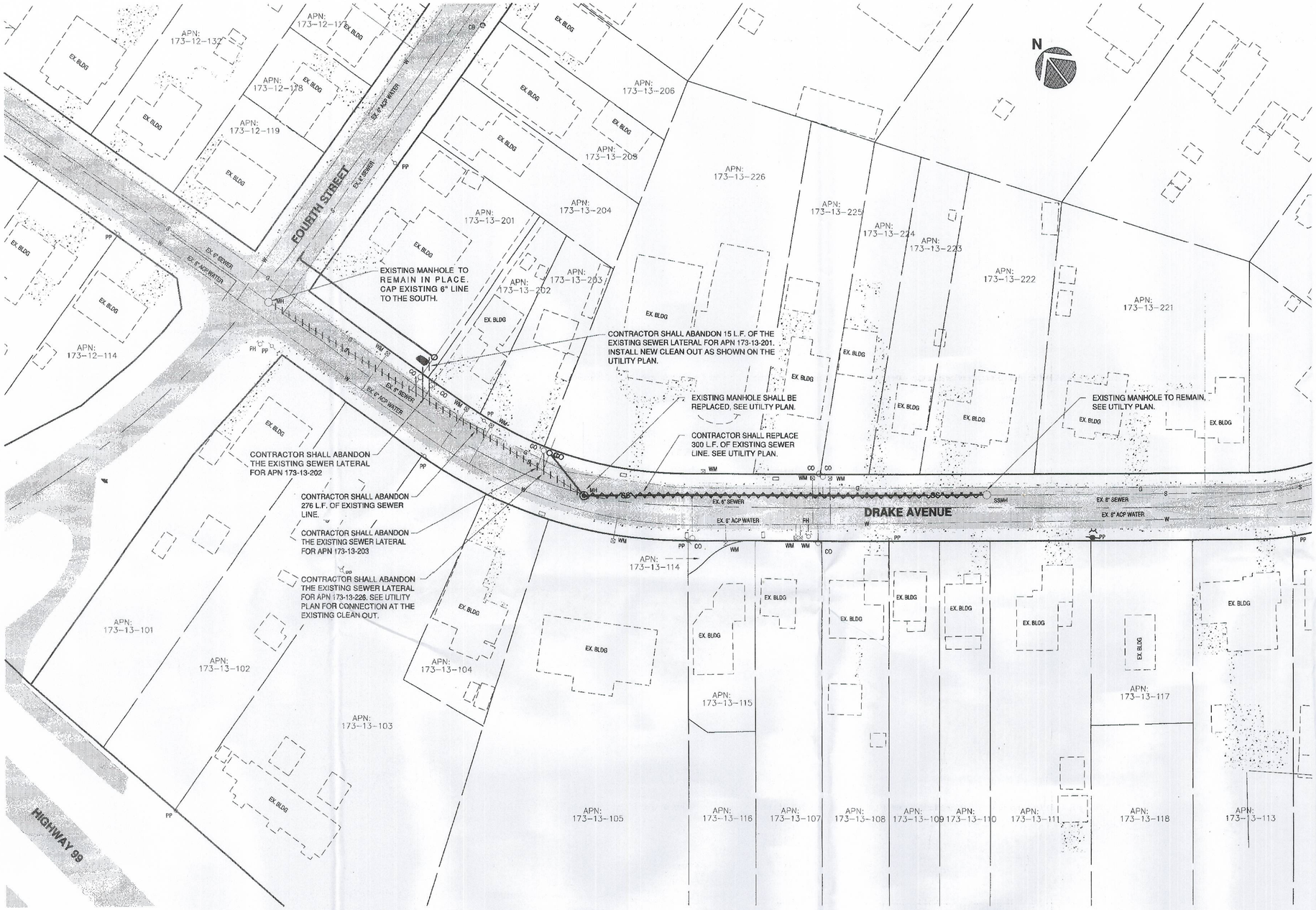

LEGEND

PP	EX. POWER POLE
E	EX. ELECTROLIER
CB	EX. CATCH BASIN
SDMH	EX. STORM DRAIN MANHOLE
CO	EX. SANITARY SEWER CLEANOUT
SSMH	EX. SANITARY SEWER MANHOLE
WM	EX. WATER METER
	EX. GATE VALVE
	EX. CONCRETE
EP	EX. EDGE OF PAVEMENT
SS	EX. SANITARY SEWER LINE
W	EX. WATER LINE
SD	EX. STORM DRAIN LINE
G	EX. GAS LINE
T	EX. TELEPHONE LINE
FO	EX. FIBER OPTIC LINE
	EX. AREA OF CONCRETE
	EX. AREA OF PAVEMENT
	EX. SANITARY SEWER LINE TO BE ABANDONED
	EX. SANITARY SEWER LINE TO BE REPLACED

UTILITY LOCATIONS

EXISTING UNDERGROUND UTILITIES SHOWN ARE TAKEN FROM RECORD INFORMATION TO AID THE CONTRACTOR. THE CONTRACTOR SHALL VERIFY THE LOCATIONS, BOTH HORIZONTAL AND VERTICAL, OF ALL EXISTING UNDERGROUND UTILITIES AND NOTIFY THE CONSTRUCTION MANAGER OF ANY DISCREPANCIES OR CONFLICTS PRIOR TO THE START OF WORK.

EXISTING UTILITIES ARE SHOWN AS THEY ARE BELIEVED TO EXIST FROM RECORDS SUPPLIED BY OTHERS. THE CITY OF STOCKTON DOES NOT ACCEPT RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF WORK, THE CONTRACTOR SHALL HAVE EACH UTILITY COMPANY ACCURATELY LOCATE IN THE FIELD THEIR MAINS AND SERVICE LINES. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES, SO THAT NO DAMAGE RESULTS TO THEM DURING THE PERFORMANCE OF THIS CONTRACT. CONTACT U.S.A. AT PH: 800-227-2600

NOTE: SECTION 1540 (A) (1) OF THE CONSTRUCTION SAFETY ORDERS (TITLE 8, CALIFORNIA ADMINISTRATION CODE SECTION 1540) ISSUED BY THE OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD PURSUANT TO THE CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ACT OF 1973, AS AMENDED, WHICH STATES:

"PRIOR TO OPENING AN EXCAVATION, EFFORTS SHALL BE MADE TO DETERMINE WHETHER UNDERGROUND INSTALLATION I.E., SEWER, WATER, FUEL, ELECTRIC, ETC. WILL BE ENCOUNTERED AND IF SO, WHERE SUCH UNDERGROUND INSTALLATIONS ARE LOCATED. WHEN EXCAVATION APPROACHES THE APPROXIMATE LOCATION OF SUCH AN INSTALLATION, THE EXACT LOCATION SHALL BE DETERMINED BY CAREFUL PROBING OR HAND DIGGING AND WHEN IT IS UNCOVERED, ADEQUATE PROTECTION SHALL BE PROVIDED FOR THE INSTALLATION. ALL KNOWN OWNERS OF UNDERGROUND FACILITIES IN THE AREA CONCERNED SHALL BE ALL ADVISED OF PROPOSED WORK AT LEAST 48 HOURS PRIOR TO THE START OF ACTUAL EXCAVATION".

ABANDONED PIPELINE NOTES

EXISTING UTILITY PIPELINES, WHERE SHOWN ON THE PLANS TO BE ABANDONED, SHALL BE ABANDONED IN PLACE. RESULTING OPENINGS INTO EXISTING STRUCTURES THAT ARE TO REMAIN IN PLACE SHALL BE PLUGGED WITH CONCRETE CONFORMING TO THE PROVISIONS IN SECTION 90-10 "MINOR CONCRETE," OF THE CALTRANS STANDARD SPECIFICATIONS. THE CONCRETE SHALL CONTAIN NOT LESS THAN 505 POUNDS OF CEMENTITIOUS MATERIAL PER CUBIC YARD.

ABANDONED PIPELINES SHALL CONFORM TO THE FOLLOWING:

1. PIPELINES 12" IN DIAMETER AND LARGER, SHALL, AT THE CONTRACTOR'S OPTION, BE BACKFILLED WITH EITHER SAND, CONTROLLED LOW STRENGTH MATERIAL OR SLURRY CEMENT BACKFILL CONFORMING TO PROVISIONS IN SECTION 19-3.062, "SLURRY CEMENT BACKFILL", OF THE CALTRANS STANDARD SPECIFICATIONS BY ANY METHOD ACCEPTABLE TO THE ENGINEER THAT COMPLETELY FILLS THE PIPE. SAND BACKFILL MATERIAL SHALL BE CLEAN, AND FREE FROM ROOTS AND OTHER DELETERIOUS SUBSTANCES.
2. THE ENDS OF THE PIPELINE SHALL BE SECURELY CLOSED BY A 0.5-FOOT THICK TIGHT FITTING PLUG OR WALL OF COMMERCIAL QUALITY CONCRETE.
3. THE PIPELINES SHALL NOT BE ABANDONED UNTIL THEIR USE IS NO LONGER REQUIRED. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN ADVANCE OF ANY INTENDED PIPELINE ABANDONMENT.

CALL USA TOLL FREE
800-227-2600

BEFORE PLANTING TREES, TRENCHING, DIGGING FENCE POST HOLES, BLASTING, GRADING, EXCAVATING, DRILLING, PIPE PUSHING, ETC., CALL UNDERGROUND SERVICE ALERT FOR UNDERGROUND CLEARANCE.

USA WILL PROVIDE INFORMATION ABOUT OR LOCATE AND MARK UNDERGROUND FACILITIES FOR YOU.

SURVEY

VERTICAL DATUM: NGVD 1929
COORDINATE SYSTEM: CCS 83 (1991.35) ZONE 3

BENCHMARK

BENCHMARK #1	BENCHMARK #2
DESC: SPIKE	DESC: SPIKE
N: 2163210.550	N: 2162861.217
E: 6350437.366	E: 6350925.828
ELEV: 28.630	ELEV: 27.430

ABANDONED MANHOLE NOTES

ABANDONED MANHOLES SHALL CONFORM TO THE FOLLOWING:

1. WHEN EXISTING MANHOLES ARE TO BE ABANDONED, PIPES ENTERING THE MANHOLE SHALL BE SECURELY CLOSED BY A TIGHT FITTING PLUG OR WALL OF MINOR CONCRETE NOT LESS THAN 0.5-FOOT THICK, OR BY A TIGHT BRICK WALL NOT LESS THAN 0.67-FOOT THICK WITH CEMENT MORTAR JOINTS.
2. MINOR CONCRETE SHALL CONFORM TO THE PROVISIONS IN SECTION 90-10, "MINOR CONCRETE," OF THE 2006 STATE OF CALIFORNIA STANDARD SPECIFICATIONS.
3. THE BASES OF MANHOLES SHALL BE BROKEN IN A MANNER TO PREVENT ENTRAPMENT OF WATER.
4. THE MANHOLE SHALL BE DEMOLISHED TO AN ELEVATION 3.5 FEET BELOW FINISHED GRADE AND BACKFILLED IN CONFORMANCE WITH THE PROVISIONS IN SECTION 19-3.06, "STRUCTURE BACKFILL" OF THE 2006 STATE OF CALIFORNIA STANDARD SPECIFICATIONS.

SUBMITTALS		REVISIONS				
#	DATE	NO.	DESCRIPTION	DATE	BY	APRVD. BY

SCALE	1"=40
DESIGNED BY	M.P.K.
DRAWN BY	M.P.K
CHECKED BY	A.T.
F. B. NO.:	-
RECORD DWG:	-

REGISTERED PROFESSIONAL ENGINEER — ANTONIO S. TOVAR — NO. C59733 EXP. 12/31/13 — CIVIL — CALIFORNIA
DATE: 2/14/13

CITY OF STOCKTON
MUNICIPAL UTILITIES DEPT.
2500 NAVY DRIVE
STOCKTON, CA 95206
PHONE: (209) 937-8700
WWW.STOCKTONGOV.COM

DATE: 01/31/13
ORIGINAL DRAWING SCALE
0 1/2" 1"

MUNICIPAL UTILITIES DEPARTMENT
CITY OF STOCKTON, CALIFORNIA
APPROVED BY: DATE 2/14/13
ASSISTANT DIRECTOR OF MUNICIPAL UTILITIES

HIGHWAY 99 WIDENING
SANITARY SEWER RELOCATIONS

EXISTING TOPOGRAPHY & DEMOLITION PLAN - DRAKE AVE

SHEET NO. 4
OF 8 SHEETS
PROJECT NO. M12015

10857