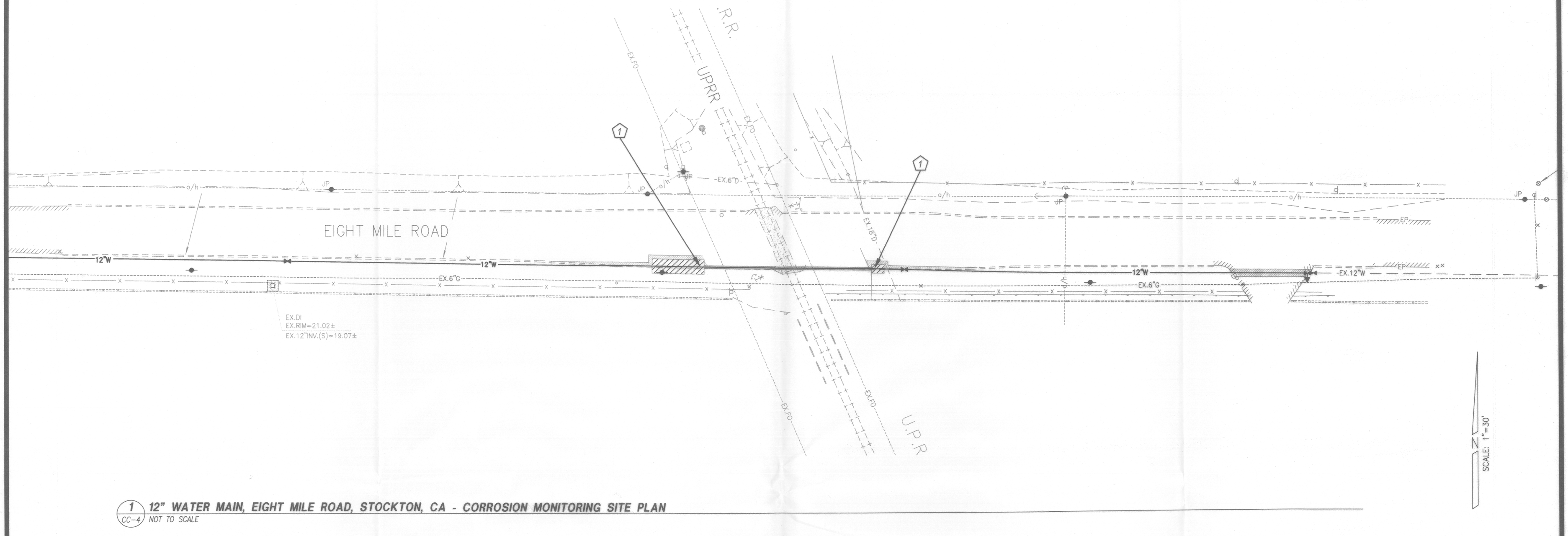

1 CC-4 **12" WATER MAIN, EIGHT MILE ROAD, STOCKTON, CA - CORROSION MONITORING SITE PLAN**
NOT TO SCALE

ABBREVIATIONS

CTS	CASING TEST STATION	HMWPE	HIGH MOLECULAR WEIGHT POLYETHYLENE
AWG	AMERICAN WIRE GAUGE	MIN	MINIMUM
AWWA	AMERICAN WATER WORKS ASSOCIATION	NO.	NUMBER
BFP	BACKFLOW PREVENTER	PIV	PRESSURE INDICATOR VALVE
CC	CORROSION CONTROL	PSI	POUNDS PER SQUARE INCH
DC	DRAIN CABLE	RP	REDUCED PRESSURE
DIA.	DIAMETER	THWN	THERMOPLASTIC HIGH HEAT & WATER RESISTANT
EA	EACH		NYLON COATED
FDC	FIRE DEPARTMENT CONNECTION	TT	TEST CABLE
FH	FIRE HYDRANT	TYP	TYPICAL
FS	FIRE SERVICE	USE	UNDERGROUND SERVICE ENTRANCE
FT	FEET	W	WATER
		W/	WITH
		ø	DIAMETER
		#	POUNDS

KEY

1 CASING - TEST STATION, SEE DETAIL 1/CC-2

GENERAL CORROSION CONTROL NOTES:

1. THE PIPELINES WHICH ARE THE SUBJECT OF THIS CORROSION MONITORING SYSTEM ARE THE BURIED DUCTILE IRON VALVES AND FITTINGS ON THE 12" WATER MAIN AND THE 22" STEEL CASING AT THE U.P.R.R. ALL FERROUS METAL PIPE & FITTINGS SHALL BE EPOXY COATED AND WRAPPED WITH 8-MIL POLYETHYLENE IN ACCORDANCE WITH AWWA C-105. ALL BURIED COPPER PIPE SHALL BE INSTALLED IN MINIMUM 6 MIL THICK POLYETHYLENE SLEEVES. THE CASING SHALL BE COATED WITH EPOXY COATING AMERLOCK 400 MANUFACTURED BY AMERON INC., OR EQUAL. THE MINIMUM FINAL DRY FILM COATING THICKNESS SHALL BE 16 mils.
2. TEST STATIONS ARE REQUIRED ONLY FOR THE CASING STRUCTURE. INSTALL ALL TEST STATIONS IN SIDEWALKS, LANDSCAPED AREAS, OR OTHER NON-TRAFFIC AREAS, ACCESSIBLE FOR FUTURE TESTING.
3. ALL METALLIC PIPE AND FITTINGS SHALL BE ELECTRICALLY ISOLATED FROM REBAR, WEEP RINGS, GROUNDING WIRES, FOREIGN PIPELINES, EXISTING PIPELINES, ABOVE GRADE STRUCTURES, AND OTHER METALLIC STRUCTURES.
4. AFTER COMPLETION, THE SYSTEM SHALL BE TESTED BY THE PROJECT CORROSION ENGINEER. PLEASE CALL JDH CORROSION CONSULTANTS, INC. AT (925)927-6630.

NOTE:

LOCATION OF EXISTING WATER SHOWN IS APPROXIMATE. CONTRACTOR TO VERIFY EXACT LOCATION AND SIZE PRIOR TO CONSTRUCTION. CONTRACTOR TO NOTIFY ENGINEER OF ANY DISCREPANCIES.

CAUTION:

LOCATION OF EXISTING GAS TRANSMISSION MAIN IS SHOWN PER RECORD INFORMATION. DEPTH IS UNKNOWN AND ACTUAL LOCATION MAY VARY AND ADDITIONAL CROSSINGS MAY EXIST IN THE FIELD. CONTRACTOR TO LOCATE PRIOR TO CONSTRUCTION AND TO EXERCISE EXTREME CAUTION.

CAUTION:

LOCATION OF EXISTING FIBER OPTIC LINES IS SHOWN PER RECORD INFORMATION. DEPTH IS UNKNOWN AND ACTUAL LOCATION MAY VARY AND ADDITIONAL CROSSINGS MAY EXIST IN THE FIELD. CONTRACTOR TO LOCATE PRIOR TO CONSTRUCTION AND TO EXERCISE EXTREME CAUTION.

EIGHT MILE ROAD

NOTES:

1. ALL EXISTING UTILITIES WERE PLOTTED FROM RECORD INFORMATION AND FIELD TOPOGRAPHY. ACTUAL LOCATIONS MAY VARY AND ADDITIONAL CROSSINGS MAY EXIST IN THE FIELD. IT IS IMPERATIVE THAT "U.S.A. LOCATING SERVICES" LOCATE AND MARK EXISTING UTILITIES PRIOR TO THE START OF EXCAVATION.
2. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN EXPOSING EXISTING UTILITY CROSSINGS AND SERVICES.
3. ANY DAMAGE TO EXISTING UTILITIES WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

CALL BEFORE YOU DIG USA 800-227-2600

REGISTERED PROFESSIONAL ENGINEER SCOTT CHAMBERLAIN No. CR 1035 Exp. June 30, 2011 CORROSION ENGINEERING CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER DARRY HOWARD No. CR001055 Exp. June 30, 2011 CORROSION STATE OF CALIFORNIA

REV.NO.	DESCRIPTION	DATE	BY	APPVD.
0	ISSUED FOR REVIEW	5/10	SC	
1	REVISED PER CITY COMMENTS	5/10	SC	
1	AS BUILT	9/21	SC	

jdh corrosion consultants, inc.
1100 Willow Pass Court
Concord, CA 94520
Ph (925) 927-6630 Fax (925) 927-6634
JDHCorrosion.com

FIELD SURVEY PERFORMED: 1-13-10
SUPPLEMENTAL FIELD SURVEY PERFORMED: 3-22-10

EIGHT MILE ROAD WATER MAIN

CORROSION MONITORING PLAN I & NOTES - EIGHT MILE ROAD

MUNICIPAL UTILITIES DEPARTMENT
CITY OF STOCKTON, CALIFORNIA

CHECKED BY: JDH	APPROVED BY: ASSISTANT DIRECTOR, MUNICIPAL UTILITIES DEPARTMENT	SHEET NO. CC-1
DESIGNED BY: SC		OF 2 SHEETS
DRAWN BY: SC		JOB NO.
DATE: 9/14/2010	DATE: 9/29/10	10032
SCALE: 1"=30'		

0998X