


**NOTES:**

1. INSTALLATION TYPICAL FOR TWO WIRE, FOUR WIRE, INSULATING JOINT AND CASING TEST STATIONS. SEE SHEET 2 FOR LABELING STANDARDS.
2. PROVIDE 3 FEET OF COILED SLACK IN EACH WIRE AT EACH END (I.E. AT PIPE AND INSIDE THE PEDESTAL).
3. STRIP INSULATION FROM END OF EACH TEST LEAD. MIN. 1/4-INCH, MAX. 1/2-INCH. INSTALL WIRE NUTS AND ANTI-ARC COMPOUND TO PROTECT BARE WIRE ENDS.
4. THE IDENTIFICATION TAG SHALL BE ROTARY ENGRAVED WITH IDENTIFYING LETTERS AND NUMBERS. THE CIRCULAR PLASTIC TAG SHALL BE 1/16-INCH THICK, 2-INCH DIAMETER, AND THE EXTERIOR SHALL BE UV RESISTANT 3 PLY (COLOR ON BOTH SIDES) LAMICOID PLASTIC BY ROWMARK, GRAVOPLY OR APPROVED EQUAL. COLOR SHALL BE BLUE WITH A WHITE CORE FOR POTABLE, PURPLE WITH A WHITE CORE FOR RECYCLED, LIGHT-BLUE WITH A WHITE CORE FOR UNTREATED, OR GREEN WITH A WHITE CORE FOR SEWER. CITY SHALL PROVIDE THE UN-ENGRAVED PLASTIC TAGS TO THE CONTRACTOR FOR ENGRAVING.

**ITEM MATERIALS**

- 1 — 560-C-3250 CONCRETE PAD, 3'-0" X 4'-0" X 6" THICK.
- 2 — NO. 8 STRANDED COPPER WIRE WITH BLACK INSULATION. COIL BOTH ENDS PER NOTE 2.
- 3 — 20-INCH WIDE X 18-INCH DEEP X 31-INCH HIGH NEMA 3R PEDESTAL CABINET, TYPE 316SS, PAINTED GREEN, WITH BACKPANEL AND PAD LOCKABLE HINGED DOOR, MYERS MEUG-UM-31, HOFFMAN OR EQUAL. ANCHOR TO 6-INCH THICK CONCRETE SLAB PER MANUFACTURER'S RECOMMENDATION USING TYPE 316SS MOUNTING HARDWARE WITH LEVELING NUTS. INSTALL 1-1/2-INCH THICK NON-SHRINK GROUT UNDER PEDESTAL FRAME.
- 4 — NYLON WIRE.
- 5 — 3/16-INCH DIA. HOLE.
- 6 — 2-INCH DIA. PLASTIC TAG WITH ENGRAVED IDENTIFYING LETTERS AND NUMBERS. DETAIL HEREON. SEE SHEET 2 FOR STATION IDENTIFICATION TAG AND WIRE IDENTIFICATION TAG LABELING STANDARDS.
- 7 — 1/4-INCH HIGH LETTERS AND NUMBERS.
- 8 — 6 INCHES OF 3/4-INCH CRUSHED ROCK BEDDING.
- 9 — 2-INCH SCH. 80 PVC CONDUITS THROUGH HOUSEKEEPING PAD.

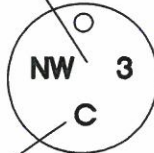
**TEST PEDESTAL AND WIRING**

REVISION			APPROVED		CITY OF CORONA
NO.	APPROVED	DATE	DATE	DATE	
1	V. New	9/4/13	Nelson D. Nelson, PE. CITY ENGINEER	12-19-13	 STD 454 SHEET 1 OF 2
			Tom Koper, PE. DISTRICT ENGINEER DEPARTMENT OF WATER AND POWER	12-16-13	

**WIRE NUMBER AND DIRECTION**

**NW** = COMPASS DIRECTION THAT WIRE RUNS ON PIPE. ONE OF THE EIGHT PRIMARY DIRECTIONALS; N, E, S, W, NW, NE, SW, SE. USE ALPHA CHARACTER "X" FOR CPTS CONNECTIONS RIGHT AT OR NEAREST TO THE CPTS BOX.

**3** = SEQUENTIAL, 1 DIGIT NUMBER ASSIGNED TO EACH TEST STATION WIRE; UNIQUE TO EACH TEST WIRE. LOWEST NUMBERS (1 & 2) ARE TO BE CLOSEST TO THE JOINT OR TEST BOX SITE.



**FACILITY IDENTIFIER**

- P** = PIPELINE
- C** = CASING
- A** = ANODE
- RC** = REFERENCE COUPON
- IJ** = INSULATING JOINT

**WIRE IDENTIFICATION LABELING STANDARDS**

**STATION NUMBER = CP - \_ \_**

**CP** = CATHODIC PROTECTION TEST STATION

**3** = SEQUENTIAL, 2 DIGIT NUMBER ASSIGNED TO EACH TEST STATION; UNIQUE TO THE ATLAS PAGE. (I.E. START NUMBERING OVER AT 01 ON EACH ATLAS PAGE)

**ATLAS PAGE AND QUADRANT CO-ORDINATES**



**SYSTEM TYPE**

- DW** = DOMESTIC
- RW** = RECLAIM
- UT** = UNTREATED
- FM** = FORCE MAIN

**STATION IDENTIFICATION LABELING STANDARDS**

**TEST PEDESTAL AND WIRING**

REVISION			APPROVED	
NO.	APPROVED	DATE		DATE
1	<i>YRW</i>	9/4/13	<i>Nelson D. Nelson</i>	12-18-13
			<i>Tom Koper</i>	12-16-13

NELSON D. NELSON, PE.  
CITY ENGINEER

TOM KOPER, PE. DISTRICT ENGINEER,  
DEPARTMENT OF WATER AND POWER

CITY OF CORONA

STD 454

SHEET 2 OF 2

