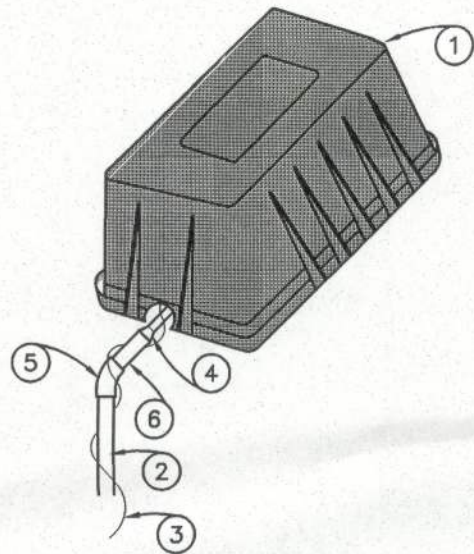


\\Server3\engprojects\City Electric Lake City\Plan Sets\02-20-12 BID SET\C111211.dwg - C5.20 UTILITY DETAILS
Printed Feb 20, 2012 - 11:25:55 - Tim Rockwell



SINGLE SERVICE

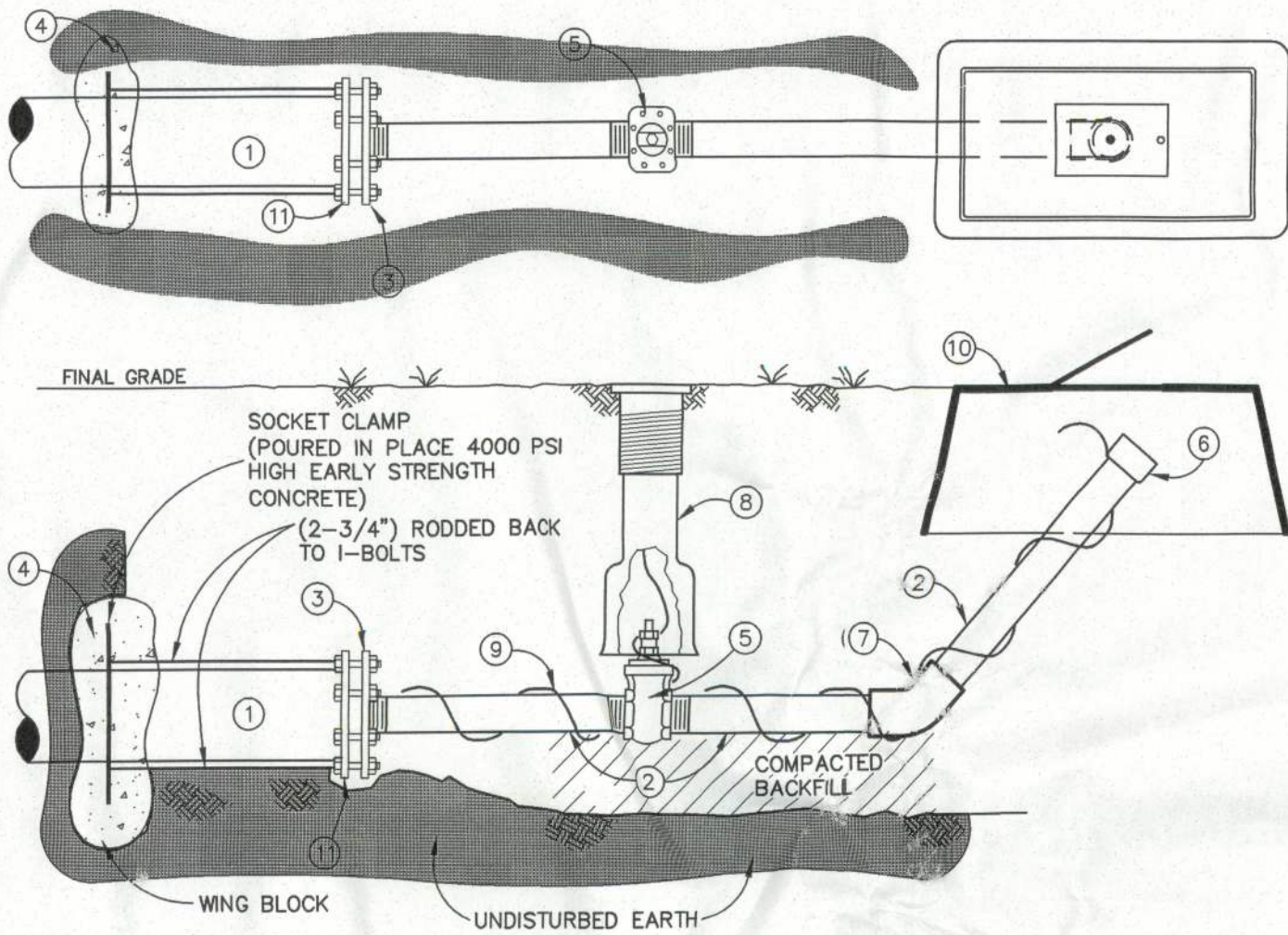
MATERIALS	
ITEM	DESCRIPTION
1	METER BOX
2	2" PVC PIPE
3	TRACER WIRE, COPPER, BLUE INSULATED, #10 AWG
4	1" x 3/4" PVC REDUCER
5	1" 90° BEND
6	1" PVC PIPE

NOTES:

1. GAINESVILLE REGIONAL UTILITIES WILL INSTALL WATER METERS.
2. CONTRACTOR IS RESPONSIBLE FOR 1 YEAR WARRANTY PERIOD OF INSTALLATION OF WATER METER BOX AND FITTINGS, EXCLUDING ITEMS PROVIDED BY LAKE CITY, (EFFECTIVE OCTOBER 1, 2007)

WATER METER ASSEMBLY DETAIL

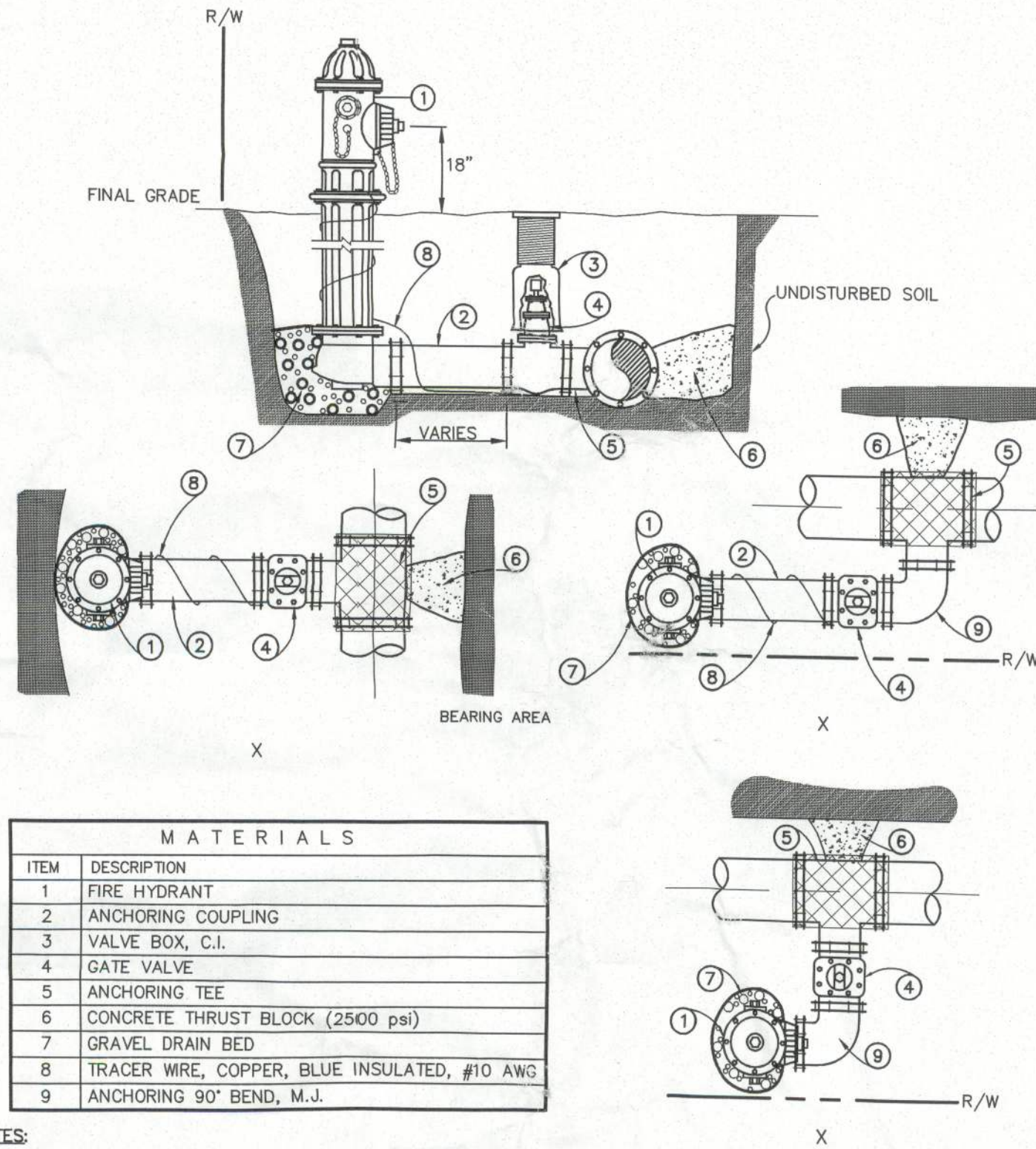
N.T.S.



MATERIALS	
ITEM	DESCRIPTION
1	4", 6" or 8" WATER MAIN SIZE
2	3" GALVANIZED PIPE
3	3" (TAP) CAP D.I. (THREADED)
4	CONCRETE WING BLOCK (4000 psi HIGH EARLY STRENGTH)
5	3" GATE VALVE, SQUARE NUT, RESILIENT WEDGE
6	3" GALV. CAP
7	3" GALV. 45° BEND
8	VALVE BOX, C.I.
9	TRACER WIRE, COPPER, BLUE INSULATED, #10 AWG
10	METER BOX
11	EBAA MEGALUG, MECHANICALLY RESTRAINED GLAND

3" BLOW OFF AND SAMPLE POINT DETAIL

N.T.S.



MATERIALS	
ITEM	DESCRIPTION
1	FIRE HYDRANT
2	ANCHORING COUPLING
3	VALVE BOX, C.I.
4	GATE VALVE
5	ANCHORING TEE
6	CONCRETE THRUST BLOCK (2500 psi)
7	GRAVEL DRAIN BED
8	TRACER WIRE, COPPER, BLUE INSULATED, #10 AWG
9	ANCHORING 90° BEND, M.J.

NOTES:

1. SEE W-2.2 FOR BEARING AREA REQUIRED.
2. A NONPOROUS MATERIAL 8 MILS (MIN.) VISQUEEN OR 15 lb (MIN.) FELT SHOULD BE PLACED BETWEEN THE CONCRETE AND THE ENTIRE FITTING.

FIRE HYDRANT (PARALLEL AND PERPENDICULAR) ASSEMBLY DETAIL

N.T.S.

SCALES:
AS SHOWN



CLAY ELECTRIC COOPERATIVE
LAKE CITY DISTRICT OFFICE
COLUMBIA COUNTY, FLORIDA

UTILITY DETAILS

Project:

Project phase:

BID SET

Designed: SJR Drawn: TAR

Project No: 11-121 Date: 02/17/12

Professional Engineer of Record:

Sergio J. Reyes, P.E. 47311
Engineer Certificate No.

Sheet No.:

C5.20

Sheet title:

No.	Date	Comment
1.	2/10/12	REVISION A