

**ZONE 7 WATER AGENCY  
MOCHO 2 WELL REPAIR PROJECT  
# 264-17  
ADDENDUM NO. 1  
January 26, 2018**

This Addendum No. 1 (“Addendum”) is dated the date set forth above and modifies certain Bidding Documents issued by the Alameda County Flood Control and Water Conservation District, acting by and through its Zone 7 Water Agency (“District”) in connection with the District’s project: *MOCHO 2 WELL REPAIR PROJECT- Project # 264-17.*

All capitalized terms not otherwise defined herein shall have the meanings provided in the Bidding Documents. There are no other amendments to the Bidding Documents other than expressly contained in this Addendum No. 1.

<b>The following clarifications and/or modifications shall be incorporated into plans and specifications for the above-referenced project and shall become part of the Contract Documents. All other provisions and requirements shall remain unchanged.</b>		
<b>CONTRACT DOCUMENTS AND SPECIFICATIONS</b>		
Addendum Item	Document/ Section	Location and Description of Change
1	Exhibit A - Contract Drawings	<b>Please <i>replace</i> Contract Drawings C-03 thru C-05</b> with the attached drawings to reflect the addition of a 2-inch conduit in a joint trench with the well-to-waste Ductile Iron piping, for collecting drainage from the turbidity meter sample wastewater and pump motor cooling wastewater pipelines at the well.

**Please be reminded that all bidders shall acknowledge receipt of this Addendum No. 1 in Document 00400A (Bid Form) and failure to acknowledge addendum in the Bid Form shall render the bid non-responsive and shall be cause for its rejection.**

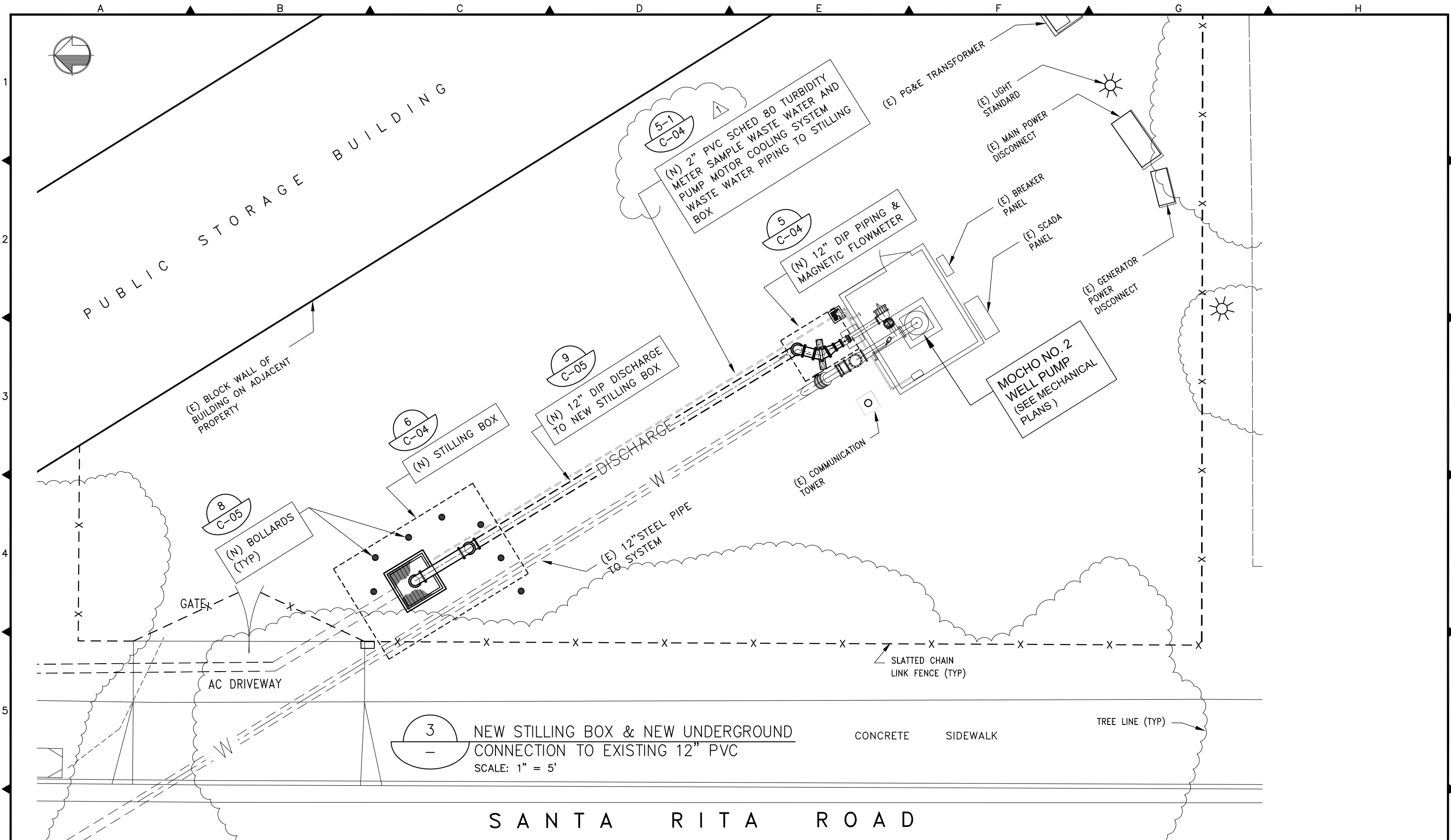
**Acknowledgement of receipt of Addendum No. 1 for the Mocho 2 Well Repair Project, Livermore, California, Project No. 259-16.**

Please also sign and email a copy of this page to John Koltz, Zone 7 Water Agency, at [jkoltz@zone7water.com](mailto:jkoltz@zone7water.com) to acknowledge receipt of Addendum No. 1 for this project.

\_\_\_\_\_  
Signature and Print Name

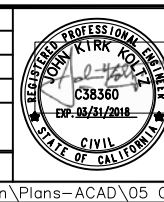
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Date

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Company

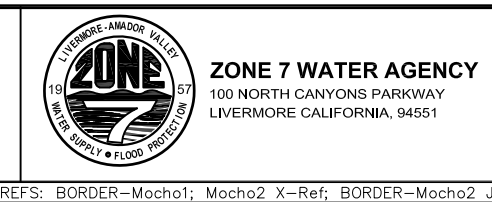


3 NEW STILLING BOX & NEW UNDERGROUND CONNECTION TO EXISTING 12" PVC  
SCALE: 1" = 5'

REV	DATE	BY	Description
Δ	01/25/2018	ESB	SPECIFY STEEL PIPE CLAMP AND ADD TURBIDITY METER SAMPLE WASTE AND PUMP MOTOR COOLING WASTE PIPING TO DRAIN DETAIL.



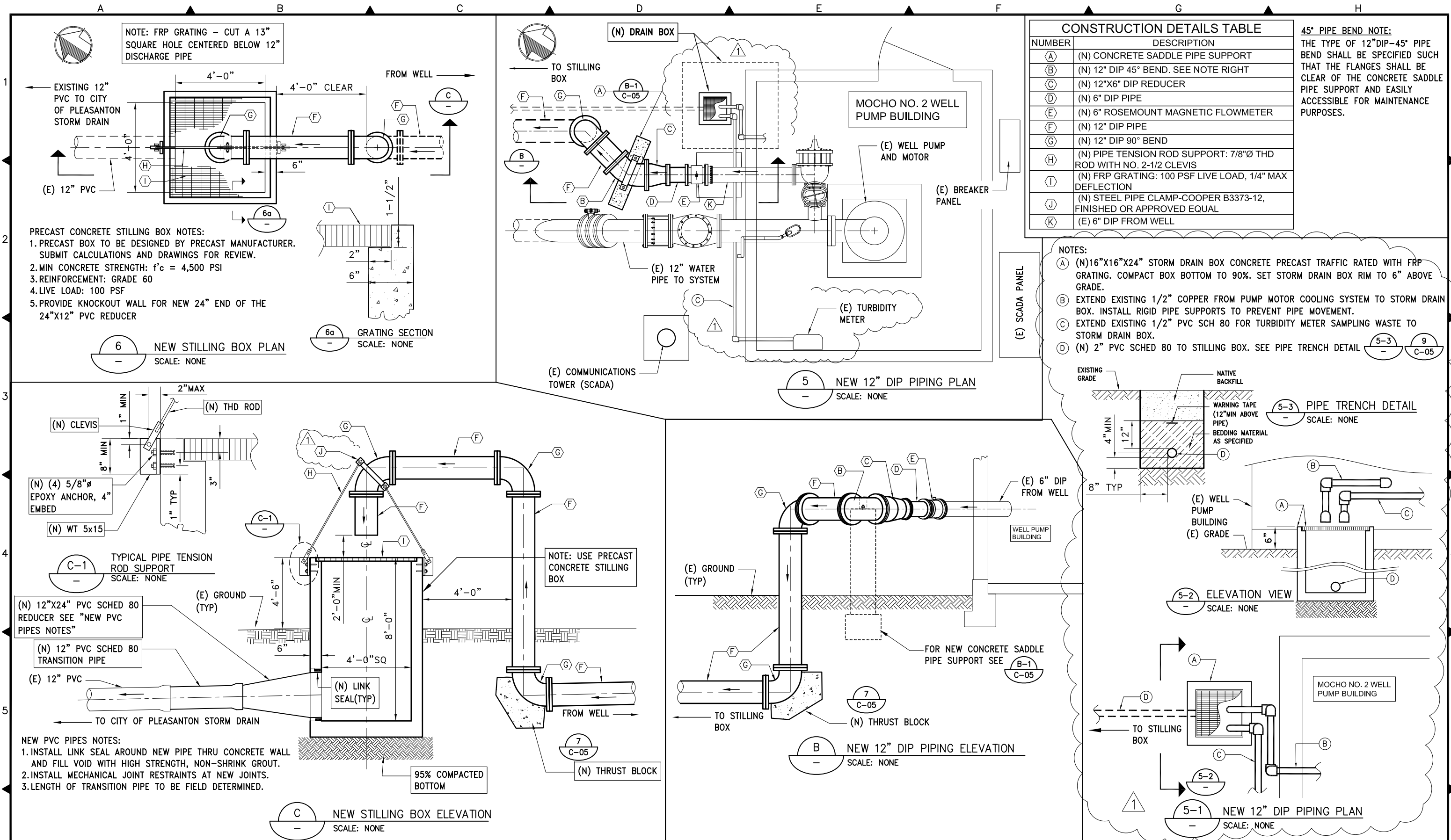
Designed  
ESB  
Drawn  
ESB  
Checked  
JK  
Date  
SEPTEMBER 2016



BAR IS ONE INCH AT FULL SCALE  
0 1"  
IF NOT ONE INCH SCALE ACCORDINGLY

**MOCHO 2 WELL REPAIR PROJECT**  
CIVIL  
**STILLING BOX & NEW 12" DIP PIPING & MAGNETIC FLOWMETER**

SHEET NO. 5 OF 9  
DRAWING NO. C-03  
FILE NO. WC-278

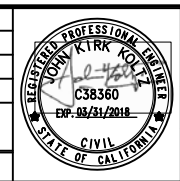


CONSTRUCTION DETAILS TABLE	
NUMBER	DESCRIPTION
(A)	(N) CONCRETE SADDLE PIPE SUPPORT
(B)	(N) 12" DIP 45° BEND. SEE NOTE RIGHT
(C)	(N) 12"x6" DIP REDUCER
(D)	(N) 6" DIP PIPE
(E)	(N) 6" ROSEMOUNT MAGNETIC FLOWMETER
(F)	(N) 12" DIP PIPE
(G)	(N) 12" DIP 90° BEND
(H)	(N) PIPE TENSION ROD SUPPORT: 7/8" THD ROD WITH NO. 2-1/2 CLEVIS
(I)	(N) FRP GRATING: 100 PSF LIVE LOAD, 1/4" MAX DEFLECTION
(J)	(N) STEEL PIPE CLAMP-COOPER B3373-12, FINISHED OR APPROVED EQUAL
(K)	(E) 6" DIP FROM WELL

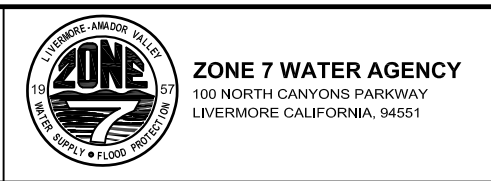
**45° PIPE BEND NOTE:**  
 THE TYPE OF 12"DIP-45° PIPE BEND SHALL BE SPECIFIED SUCH THAT THE FLANGES SHALL BE CLEAR OF THE CONCRETE SADDLE PIPE SUPPORT AND EASILY ACCESSIBLE FOR MAINTENANCE PURPOSES.

- NOTES:  
 (A) (N) 16"x16"x24" STORM DRAIN BOX CONCRETE PRECAST TRAFFIC RATED WITH FRP GRATING. COMPACT BOX BOTTOM TO 90%. SET STORM DRAIN BOX RIM TO 6" ABOVE GRADE.  
 (B) EXTEND EXISTING 1/2" COPPER FROM PUMP MOTOR COOLING SYSTEM TO STORM DRAIN BOX. INSTALL RIGID PIPE SUPPORTS TO PREVENT PIPE MOVEMENT.  
 (C) EXTEND EXISTING 1/2" PVC SCH 80 FOR TURBIDITY METER SAMPLING WASTE TO STORM DRAIN BOX.  
 (D) (N) 2" PVC SCHED 80 TO STILLING BOX. SEE PIPE TRENCH DETAIL (5-3) (9 C-05)

REV	DATE	BY	Description
Δ	01/25/2018	ESB	SPECIFY STEEL PIPE CLAMP AND ADD TURBIDITY METER SAMPLE WASTE AND PUMP MOTOR COOLING WASTE PIPING TO DRAIN DETAIL.



Designed  
ESB  
 Drawn  
ESB  
 Checked  
JK  
 Date  
SEPTEMBER 2016



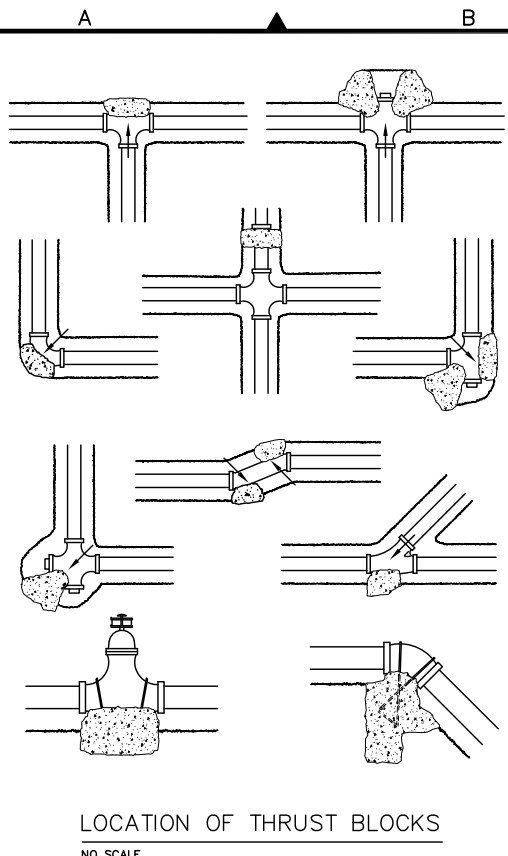
BAR IS ONE INCH AT FULL SCALE  
 0 1"  
 IF NOT ONE INCH SCALE ACCORDINGLY

**MOCHO 2 WELL REPAIR PROJECT**  
 CIVIL  
**CONSTRUCTION DETAILS**

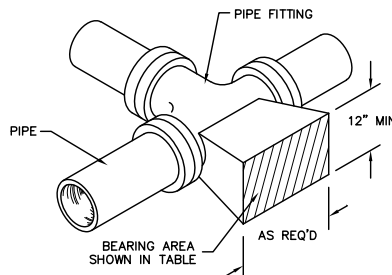
SHEET NO. 6 OF 9  
 DRAWING NO. C-04  
 FILE NO. WC-278

**CONCRETE THRUST BLOCK SCHEDULE**  
MINIMUM AREA OF CONCRETE BEARING ON UNDISTURBED EARTH

PIPE SIZE	BEARING AREA IN SQUARE FEET			
	22-1/2"	TEE	90° ELL	45° ELL
10"	4	11	15	8
12"	6	15	22	12

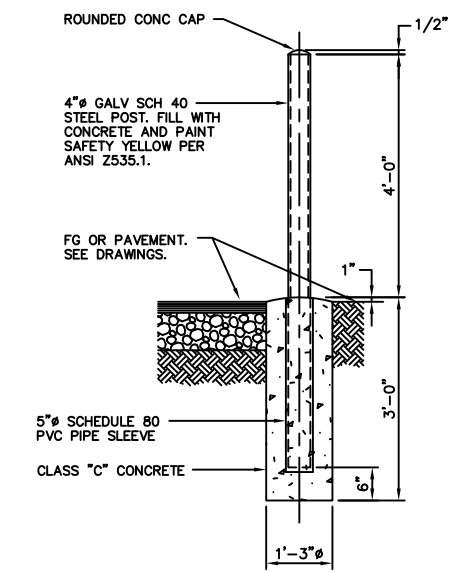


LOCATION OF THRUST BLOCKS  
NO SCALE



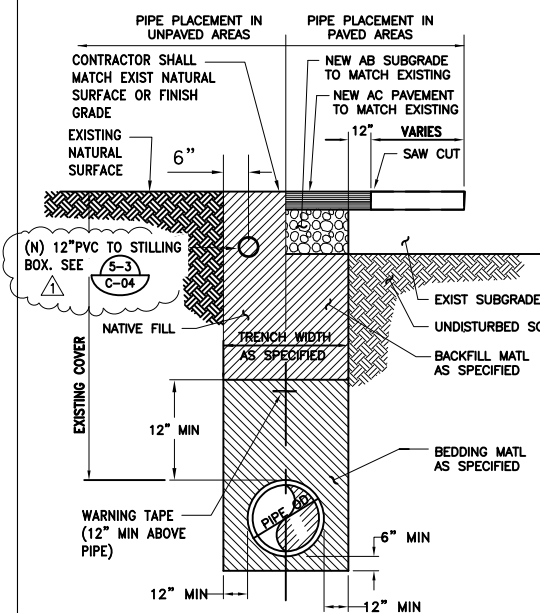
NOTE: ALL THRUST BLOCKS SHALL HAVE TWO (2) PIPE CLAMPS ATTACHED TO THE PIPE FITTING, ANCHORED WITH 1/2" DIA. X 6" (MIN) CAST IN PLACE ANCHOR BOLTS.

7 CONCRETE THRUST BLOCK DETAIL  
C-04 NO SCALE

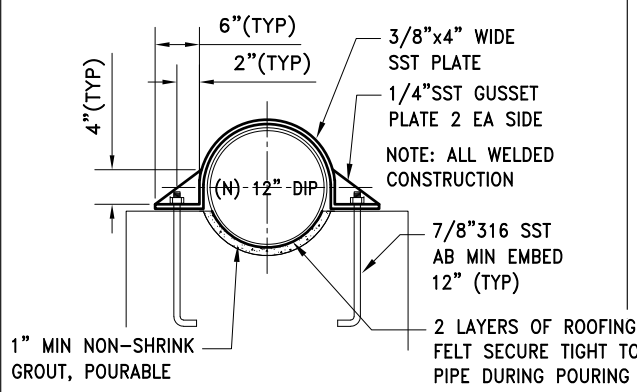


NOTE:  
1. PROVIDE 3/8" EJ MATERIAL WHERE INSTALLED IN CONC PAVING.

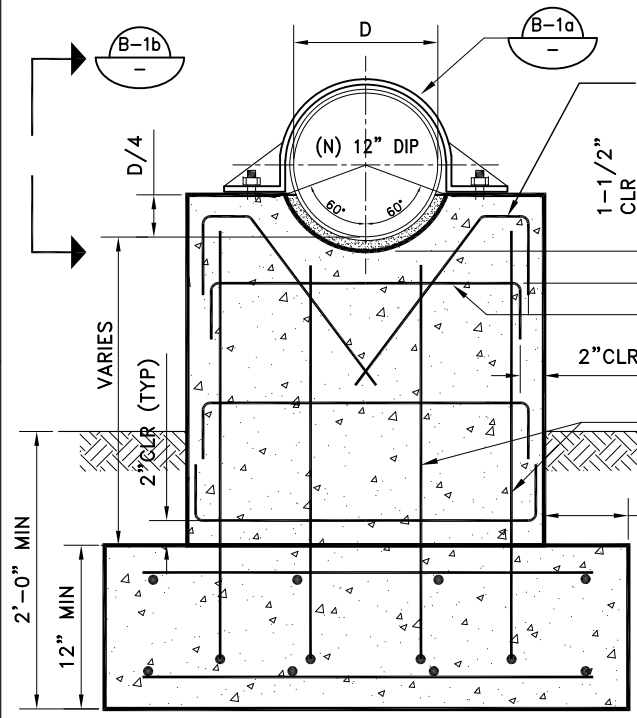
8 NEW BOLLARD  
C-03 SCALE: NONE



9 TRENCH DETAIL  
C-03 SCALE: NONE

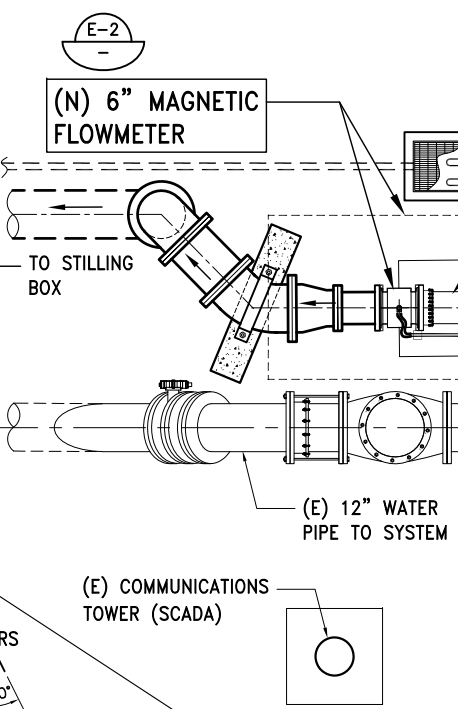


B-1a PIPE STRAP DETAIL  
SCALE: NONE

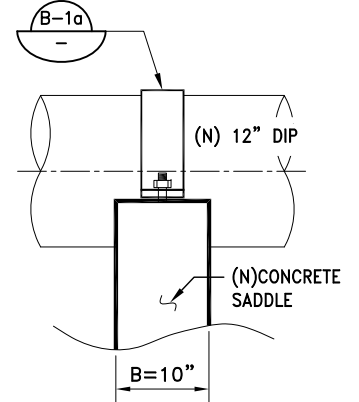


CONCRETE PIPE SUPPORT NOTES:  
1. THICKNESS "B" OF SADDLE: B = 10" (WHEN 24" ≤ D < 36")  
2. FOR "B" = 10" OR THICKER, USE 2 LAYERS OF REINFORCING, TURN HORIZONTAL BARS 90° TO HOOK AROUND VERTICALS, 1-1/2" CLEAR OF CONCRETE.  
3. FORM 3/4" BEVEL ON ALL EXPOSED CORNERS OF SUPPORT.

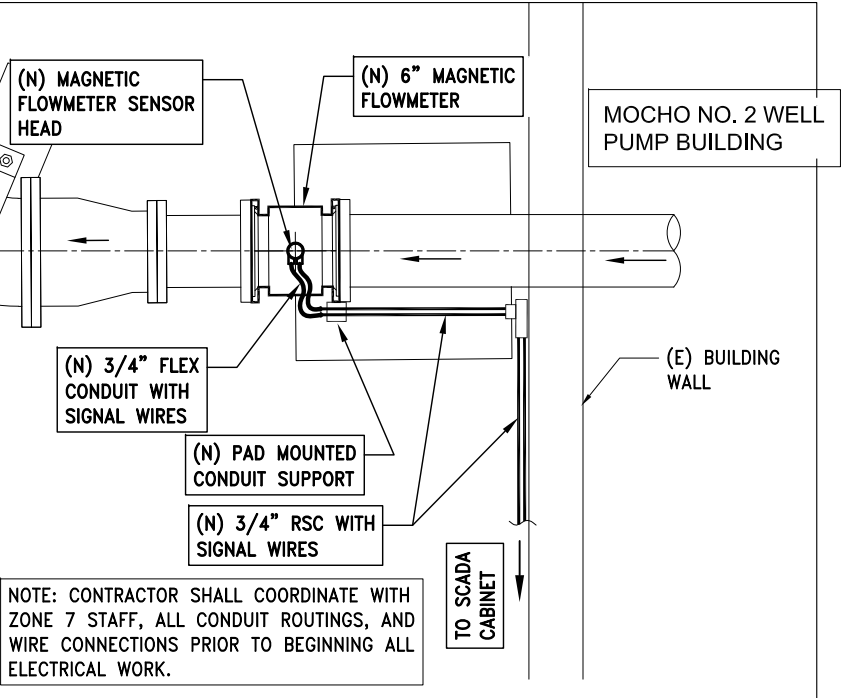
B-1 NEW CONCRETE CRADLE PIPE SUPPORT DETAIL  
SCALE: NONE



E-1 NEW 6" MAGNETIC FLOWMETER  
SCALE: NONE



B-1b TOP SECTION  
SCALE: NONE



E-2 NEW 6" MAGNETIC FLOWMETER CONDUIT PLAN  
SCALE: NONE

CIVIL

ELECTRICAL



Designed  
ESB  
Drawn  
ESB  
Checked  
JK  
Date  
SEPTEMBER 2016



ZONE 7 WATER AGENCY  
100 NORTH CANYONS PARKWAY  
LIVERMORE CALIFORNIA, 94551

BAR IS ONE INCH AT FULL SCALE  
0 1"  
IF NOT ONE INCH SCALE ACCORDINGLY

MOCHO 2 WELL REPAIR PROJECT  
CIVIL/ELECTRICAL  
MAGNETIC FLOWMETER ELECTRICAL AND CIVIL CONSTRUCTION DETAILS

SHEET NO. 6 OF 9  
DRAWING NO. C-05  
FILE NO. WC-278