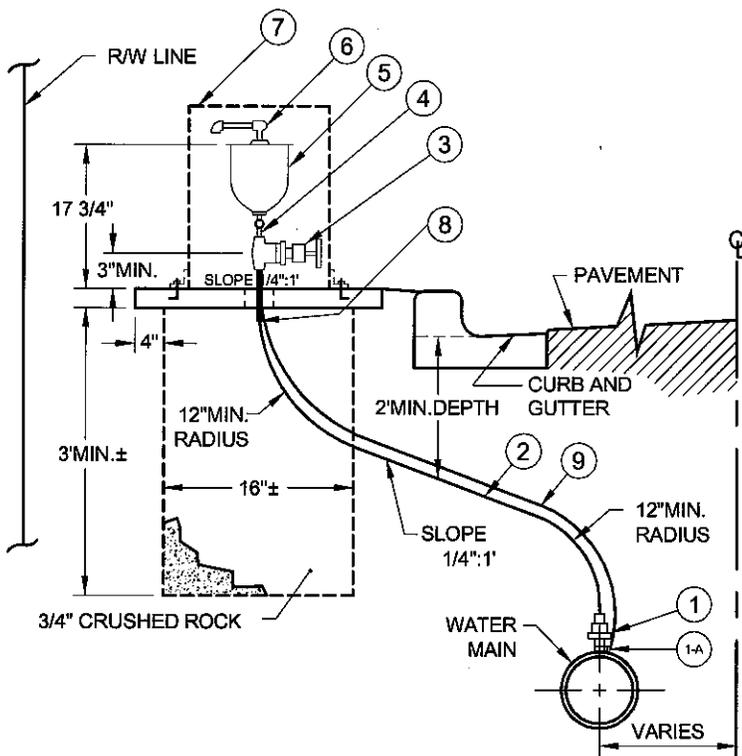


**LEGEND**

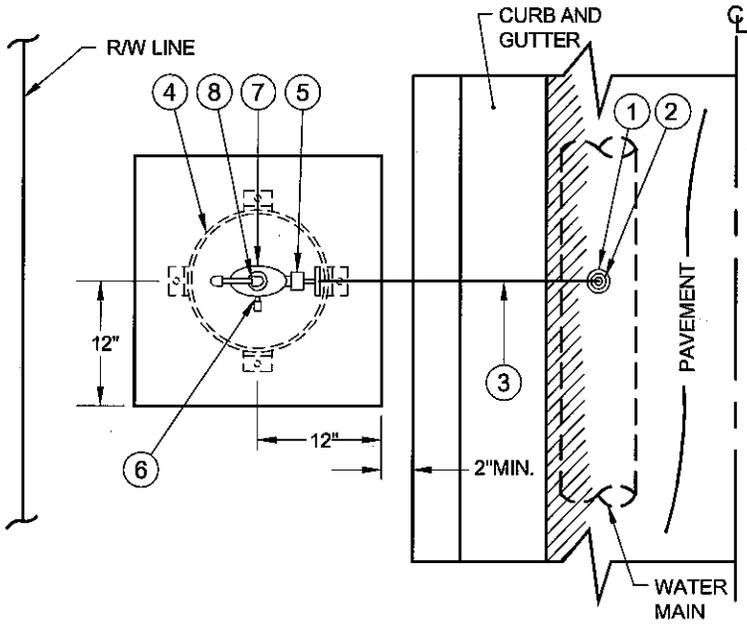
- ① CORP. STOP: FORD FB1100-4Q
- ①-A SERVICE SADDLES ON PVC PIPE USE FORD 202B2. ON DUCTILE PIPE USE FORD 202B.
- ② LATERAL PIPE 1" HDPE (CTS).
- ③ BALL VALVE 2"- "FORD" TYPE 500 OR AS APPROVED BY CITY ENGINEER.
- ④ NIPPLE WITH S/JOINTS 2" DIAMETER x 2" LENGTH- "ANACONDA TYPE "K" COPPER.
- ⑤ AIR VACUUM RELEASE VALVE ASSEMBLY, 1"- "APCO" UNIVERSAL AIR VACUUM RELEASE VALVE SCREWED BODY WITH 1-S TOP OR AS APPROVED BY CITY ENGINEER.
- ⑥ OVERFLOW ASSEMBLY WITH SCREEN, 2" (GALVANIZED STREET ELBOW, GALVANIZED NIPPLE 2" x 6" LENGTH, 2" GALVANIZED ELBOW).
- ⑦ COVER ASSEMBLY - ARMOR CAST CAN P6002002.
- ⑧ INSTALL COPPER RISER 12" MINIMUM BELOW CONCRETE SLAB OR BRASS NIPPLE.
- ⑨ LOCATING WIRE PER NOTE I, DETAIL 009.



**NOTES**

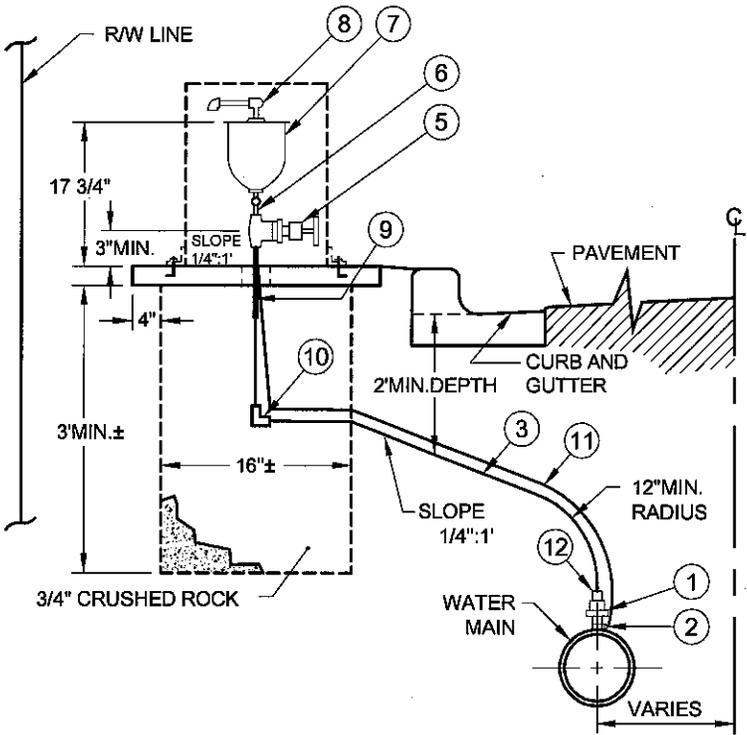
- 1. SEE CITY STANDARD DETAIL 001 - GENERAL WATER NOTES.
- 2. ALL CONCRETE SHALL BE 520-C-2500.
- 3. ALL MANUFACTURED ITEMS INDICATED SHALL BE AS NOTED OR AN APPROVED EQUAL AUTHORIZED BY THE CITY ENGINEER IN WRITING.
- 4. ALL FITTINGS SHALL BE BRAZE FITTINGS, EXCEPT AS NOTED AND SHALL CONFORM TO AB 1953.

<b>CITY OF SAN BUENAVENTURA</b>		PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION
<b>1" AIR AND VACUUM RELEASE ASSEMBLY</b>		STD. DET. NO. <b>016</b>
APPROVED BY:	APPROVED BY:	DATE <b>7-7-16</b> SHEET 1 of 3
WATER GENERAL MANAGER		CITY ENGINEER R.C.E. 37064



**LEGEND**

- ① CORP. STOP: FORD FB1100-7Q
- ② SERVICE SADDLES ON PVC PIPE USE FORD 202B2. ON DUCTILE PIPE USE FORD 202B.
- ③ LATERAL PIPE 2" HDPE (CTS).
- ④ COVER ASSEMBLY - ARMOR CAST CAN P6002001.
- ⑤ BALL VALVE 2"- "FORD" TYPE 500 OR AS APPROVED BY CITY ENGINEER.
- ⑥ NIPPLE WITH S/JOINTS 2" DIAMETER x 2" LENGTH- "ANACONDA TYPE "K" COPPER.
- ⑦ AIR VACUUM RELEASE VALVE ASSEMBLY, 2"- "APCO" UNIVERSAL AIR VACUUM RELEASE VALVE SCREWED BODY WITH 1-S TOP OR AS APPROVED BY CITY ENGINEER.
- ⑧ OVERFLOW ASSEMBLY WITH SCREEN, 2" (GALVANIZED STREET ELBOW, GALVANIZED NIPPLE 2" x 6" LENGTH, 2" GALVANIZED ELBOW).
- ⑨ INSTALL COPPER RISER 12" MINIMUM BELOW CONCRETE SLAB OR BRASS NIPPLE.
- ⑩ 90° BRASS COMP x COMP, FORD L4477Q-NL.
- ⑪ LOCATING WIRE PER NOTE I, DETAIL 009.
- ⑫ USE 90° BEND WHEN NECESSARY TO ENSURE LATERAL PIPE HAS PROPER EMBEDMENT OR COVER BENEATH THE ROADWAY.



**NOTES**

- 1. SEE CITY STANDARD DETAIL 001 - GENERAL WATER NOTES.
- 2. ALL CONCRETE SHALL BE 520-C-2500.
- 3. ALL MANUFACTURED ITEMS INDICATED SHALL BE AS NOTED OR AN APPROVED EQUAL AUTHORIZED BY THE CITY ENGINEER IN WRITING.
- 4. ALL FITTINGS SHALL BE BRAZE FITTINGS EXCEPT AS NOTED AND SHALL CONFORM TO AB 1953.

**CITY OF SAN BUENAVENTURA**

PUBLIC WORKS DEPARTMENT  
ENGINEERING DIVISION

**2" AIR AND VACUUM RELEASE ASSEMBLY**

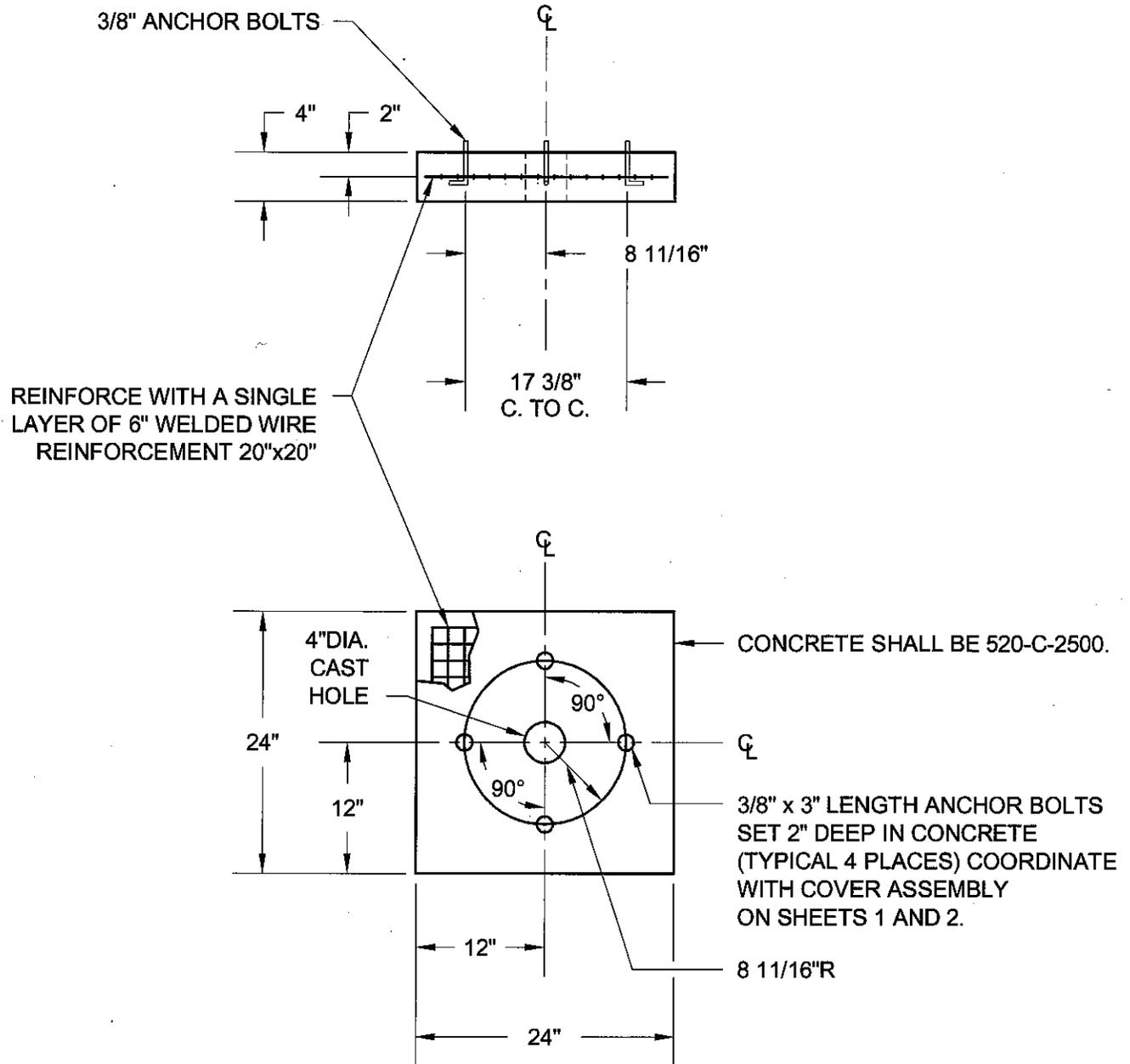
STD. DET. NO.  
**016**

APPROVED BY: *[Signature]*  
WATER GENERAL MANAGER

APPROVED BY: *[Signature]*  
CITY ENGINEER R.C.E. 37064

DATE *7-7-16*

SHEET  
2 of 3



**NOTES**

1. TO BE CAST IN PLACE UNLESS OTHERWISE INDICATED BY CITY ENGINEER.

**CITY OF SAN BUENAVENTURA**

PUBLIC WORKS DEPARTMENT  
ENGINEERING DIVISION

**AIR AND VACUUM RELEASE BASE**

STD. DET. NO.

**016**

APPROVED BY

*[Signature]*  
WATER GENERAL MANAGER

APPROVED BY

*[Signature]*  
CITY ENGINEER R.C.E. 37064

DATE **7-7-16**

SHEET  
3 of 3