



COUNTY PURCHASING AGENT
Fort Bend County, Texas

Jaime Kovar
County Purchasing Agent

(281) 341-8640
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October 13, 2020

TO: All Prospective Bidders

RE: Addendum No. 1 – Fort Bend County Bid 21-016 – Reconstruction of Bryan Road from City of Rosenberg City Limit to FM 2977 for Fort Bend County Bond Project 17118

Addendum 1:

Attached is addendum 1. Vendors are to use Addendum 1 document while preparing their solicitation response. Changes are to add Standard Air Release Valve Drawing and Questions and Answers

Immediately upon your receipt of this addendum, please fill out the following information and email this page to Jessica Carabajal at jessica.carabajal@fortbendcountytexas.gov

Company Name

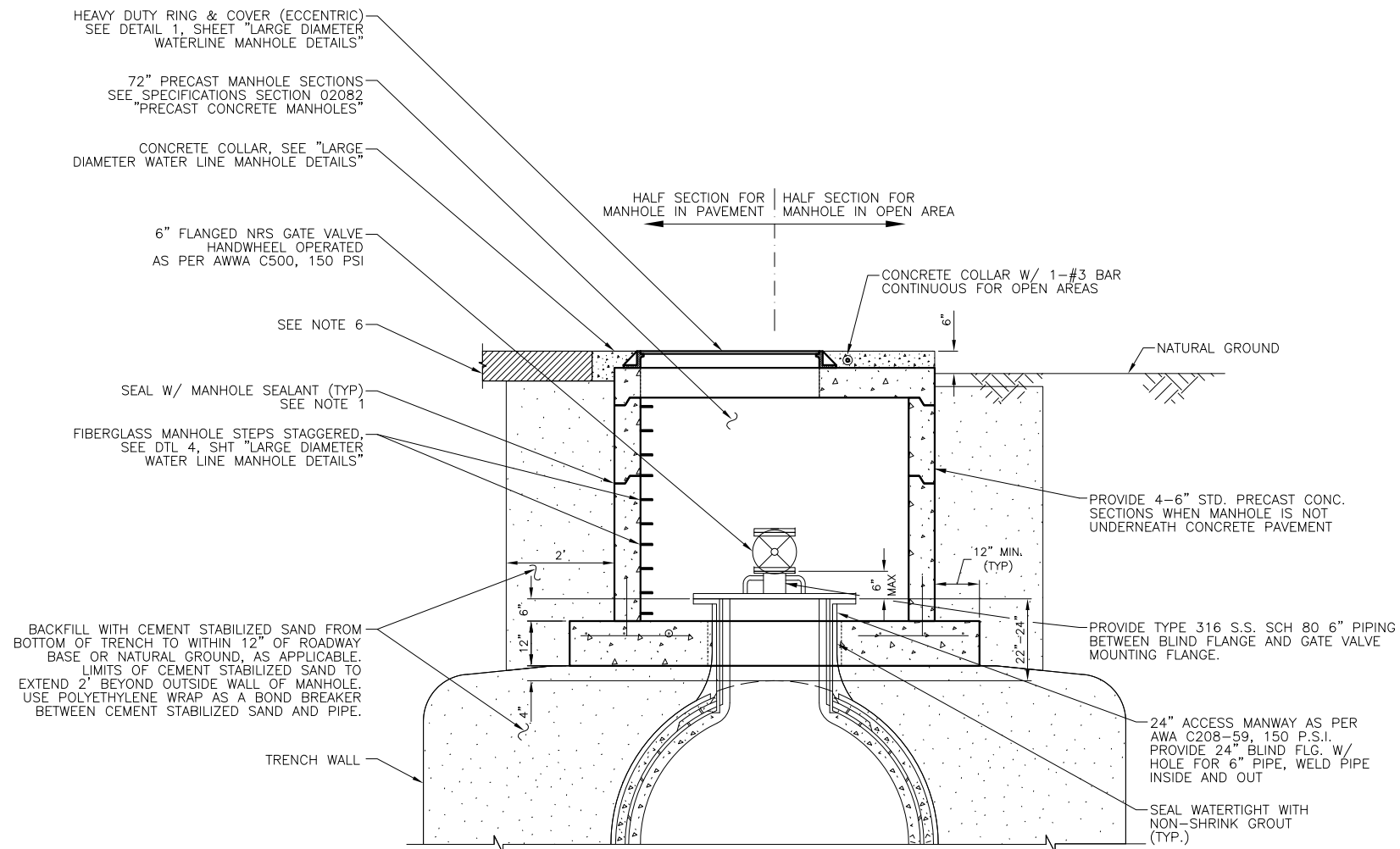
Signature of person receiving addendum

Date

If you have any questions, please contact this office.

Sincerely,

Jaime Kovar
County Purchasing Agent



1 ACCESS MANWAY IN ACCESS MANHOLE
(FOR WATER LINES 36-INCH TO 90-INCH DIAMETER)

WATER MAIN DIAMETER	MANUFACTURER (1)	VACUUM (AI/VR)		AIR RELEASE		
		SERIES	ORIFICE SIZE	SERIES	INLET SIZE (NPT)	ORIFICE SIZE (2)
>=36" <=96"	APCO	1500C		200A	1"	
	CLAVAL	38VB		34AR-C	1"	
	PRATT	WAVVB		WAR 02	1"	

AIR VALVE & TYPE TABLE

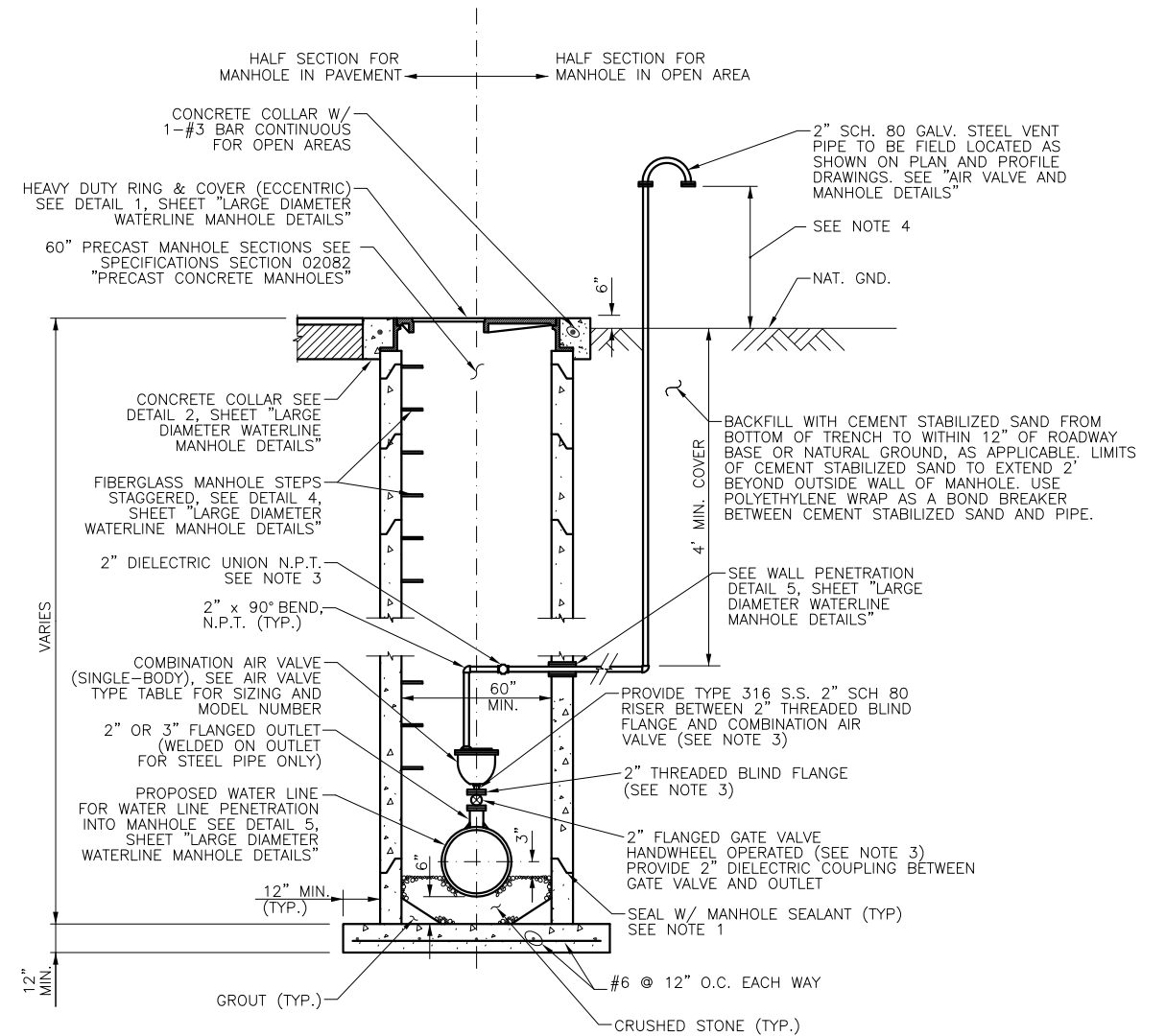
(FOR WATER LINES 36" TO 90" DIAMETER)

- (1) OR APPROVED EQUAL.
(2) MINIMUM ORIFICE SIZE REQUIRED. TO BE UPDATED FOR EACH PROJECT BASED ON TRANSIENT ANALYSIS.

WATER MAIN DIAMETER	MANUFACTURER (1)	VACUUM (AI/VR)	
		SERIES	ORIFICE SIZE
<=36"	APCO	140C	
	CLAVAL	36	
	PRATT	WCV 01	

AIR VALVE & TYPE TABLE

(FOR WATER LINES SMALLER THAN 36" DIAMETER)



2 COMBINATION AIR VALVE ASSEMBLY IN SERVICE MANHOLE
(FOR WATER LINES SMALLER THAN 36-INCHES DIAMETER)

NOTES:

- PROVIDE RAM-NEK OR APPROVED EQUAL BETWEEN PRECAST SEGMENTS OF THE MANHOLE.
- FOR MANHOLES DEEPER THAN 20 FEET, SAFETY CLIMBING RAIL MUST BE PROVIDED (SAF-T-CLIMB OR APPROVED EQUAL).
- PIPING AND APPURTENANCES OF THE SAME DIAMETER AND CONSTRUCTED OF THE SAME MATERIAL AND CLASS.
- VERIFY THAT LOCATION OF VENT PIPE SCREEN IS 1 FOOT ABOVE 100-YEAR FLOOD PLAIN ELEVATION OR 4 FEET ABOVE NATURAL GROUND WHICHEVER IS HIGHER.
- REFER TO PLAN AND PROFILE SHEETS FOR LOCATIONS OF AIR VALVES.
- FOR PAVEMENT REPAIR, SEE SHEET "EXCAVATION, BEDDING, BACKFILL AND PAVEMENT REPAIR DETAILS".
- PROVIDE AN APPROVED PETROLATUM BASED TAPE ENCAPSULATING ALL BOLTS IN ACCESS MANHOLE.

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

STANDARD LDWL
AIR VALVE & MANHOLE DETAILS

SHEET 2 OF 2 (NOT TO SCALE)

APPROVED BY:	APPROVED BY:
CITY ENGINEER	DIRECTOR OF PUBLIC WORKS AND ENGINEERING
EFF DATE: NOV-10-2016	DWG NO:

Fort Bend County
Bid 21-016 Reconstruction of Bryan Road from City of Rosenberg City Limit to FM 2977
for Fort Bend County Bond Project 17118

Q&A #1

Question 1: What strength will the stabilized sand be? 100 PSI, 1.5 sack, or two (2) sack?

Answer: Specs says no less than 1.5 sack/CY for c-sand. So, either one. Also, review the geotechnical report.

Question 2: Will the storm manholes have to be precast or can they be poured in place?

Answer: HC Spec 471 calls for pre-cast; however, cast-in-place is allowed if field conditions require.

Question 3: The plans show a combination air valve. Can you please provide a detail. S

Answer: See Addendum #1 for Standard Air Release Valve drawing.

Question 4: 14.2.4 Materials testing necessary for the Project and required by laws and regulations, construction industry standards as approved by Fort Bend County and this Contract; the frequency of testing shall be approved by Fort Bend County. **It is the contractor's responsibility to engage a material testing laboratory to perform testing on the structural concrete to be used for foundation work in this project. The cost of testing shall be incidental to bid item for drill shaft foundation. Testing of concrete shall comply with current TXDOT criteria.** Contractor has to submit the name of the testing laboratory, intended to be used by the contractor for this project, for County's approval.

Please clarify if contractor is responsible for lab and how payment is made, or if lab will be by FBC.

Answer: Fort Bend County will provide the materials testing for this project.