

NO.	ITEM	MATERIAL	SIZE	MANUFACTURER	USE
1.	VALVE BOX BOTTOM	C.I.	30"	EJ85556030U	ALL AREAS
2.	VALVE BOX TOP VALVE BOX TOP	C.I. C.I.	18" 16"	EJ00366410U EJ85557016U	NOT IN ADA AREA ADA/LOCKING TOP
3.	VALVE BOX COVER VALVE BOX COVER VALVE BOX COVER	C.I. C.I. C.I.	6-5/8" 7-5/16" 7-5/16"	EJ00366420U EJ06800001U EJ06800025U	NOT IN ADA AREA ADA AREA COVER LOCKING COVER

MATCH EXISTING PAVEMENT THICKNESS OR 3" MIN. DEPTH, 1/2" HMA ASPHALT PATCH SEE DETAIL TBR-6.

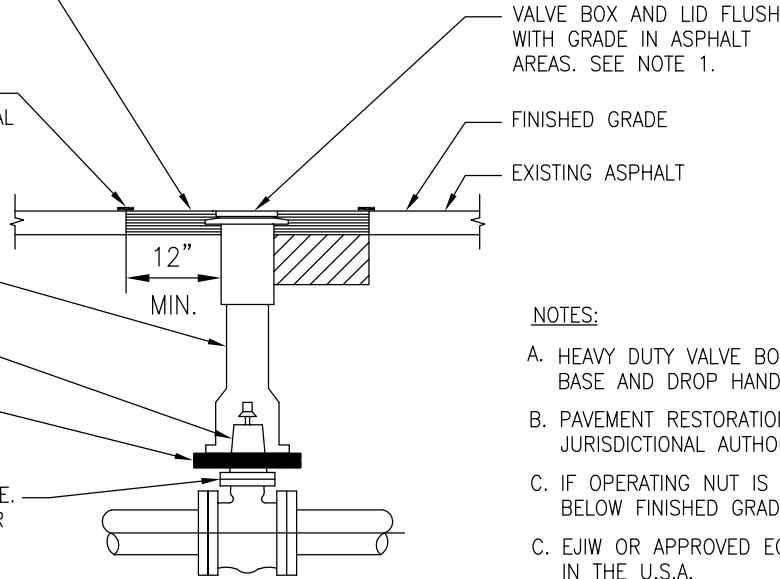
CLEAN AND TACK EDGES WITH SEALER CSS1 AND SEAL JOINTS WITH HOT ASPHALT CEMENT (AR4000W). SAND AFTER SEALANT IS APPLIED.

VALVE BOX CENTERED OVER OPERATING NUT

VALVE

SET VALVE BOX ON ETHAFOAM 2" THICK (TYP)

VALVE SHOWN IS GATE VALVE. USE SAME INSTALLATION FOR BUTTERFLY VALVE



VALVE BOX IN ASPHALT AREA

NOTES:

- A. HEAVY DUTY VALVE BOX WITH MIN. 30" LENGTH BASE AND DROP HANDLE COVER.
- B. PAVEMENT RESTORATION IN ACCORDANCE WITH JURISDICTIONAL AUTHORITY AND DIVISION 7.
- C. IF OPERATING NUT IS MORE THAN 3 FEET BELOW FINISHED GRADE SEE DETAIL WD-14.
- C. EJW OR APPROVED EQUAL, MANUFACTURED IN THE U.S.A.

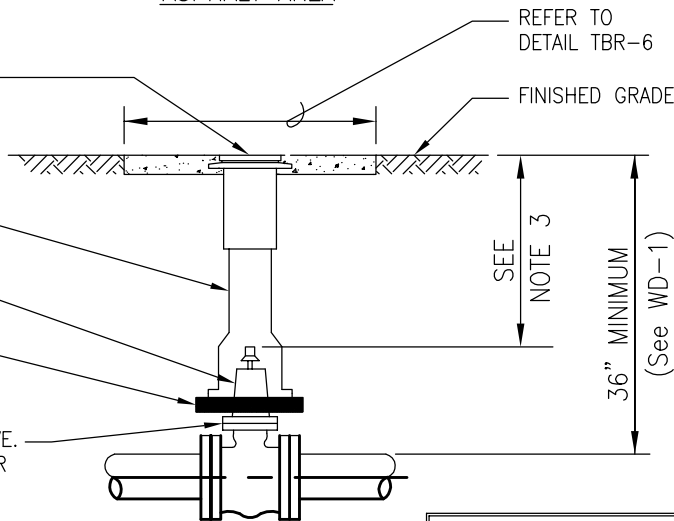
VALVE BOX AND LID (ALIGN LID WITH PIPE DIRECTION)

VALVE BOX CENTERED OVER OPERATING NUT

VALVE

SET VALVE BOX ON ETHAFOAM 2" THICK (TYP)

VALVE SHOWN IS GATE VALVE. USE SAME INSTALLATION FOR BUTTERFLY VALVE



VALVE BOX IN UNIMPROVED AREA

CSS1 = CATIONIC SLOW SETTING TYPE 1  
AR4000W = ASPHALT RUBBER TYPE 4000W  
HMA = HOT MIX ASPHALT



CAST IRON VALVE BOX

DATE: 08-2017

DWG. WD-13

APPROVED BY: \_\_\_\_\_ SDS  
DEVELOPMENT ENGINEER