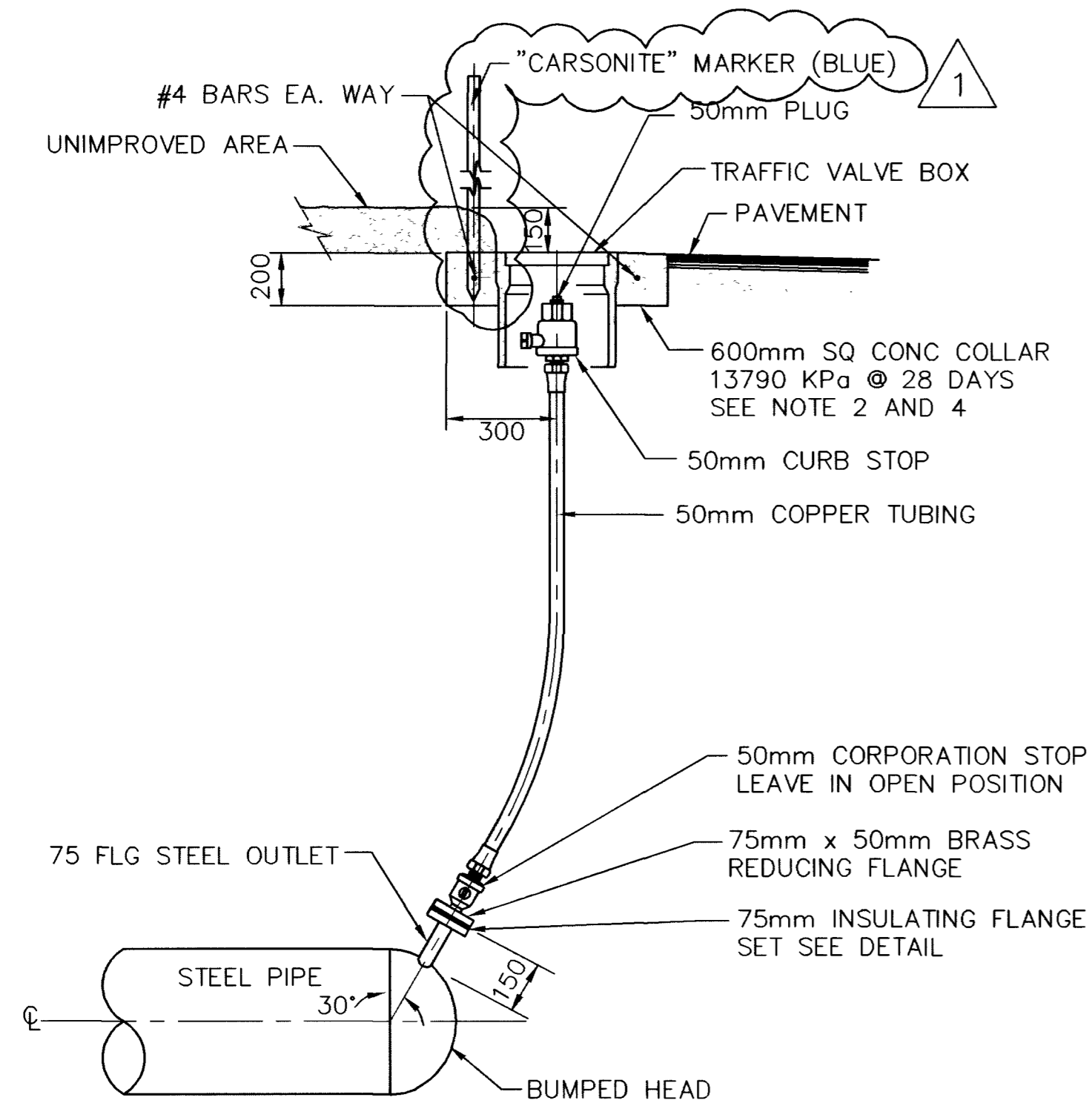


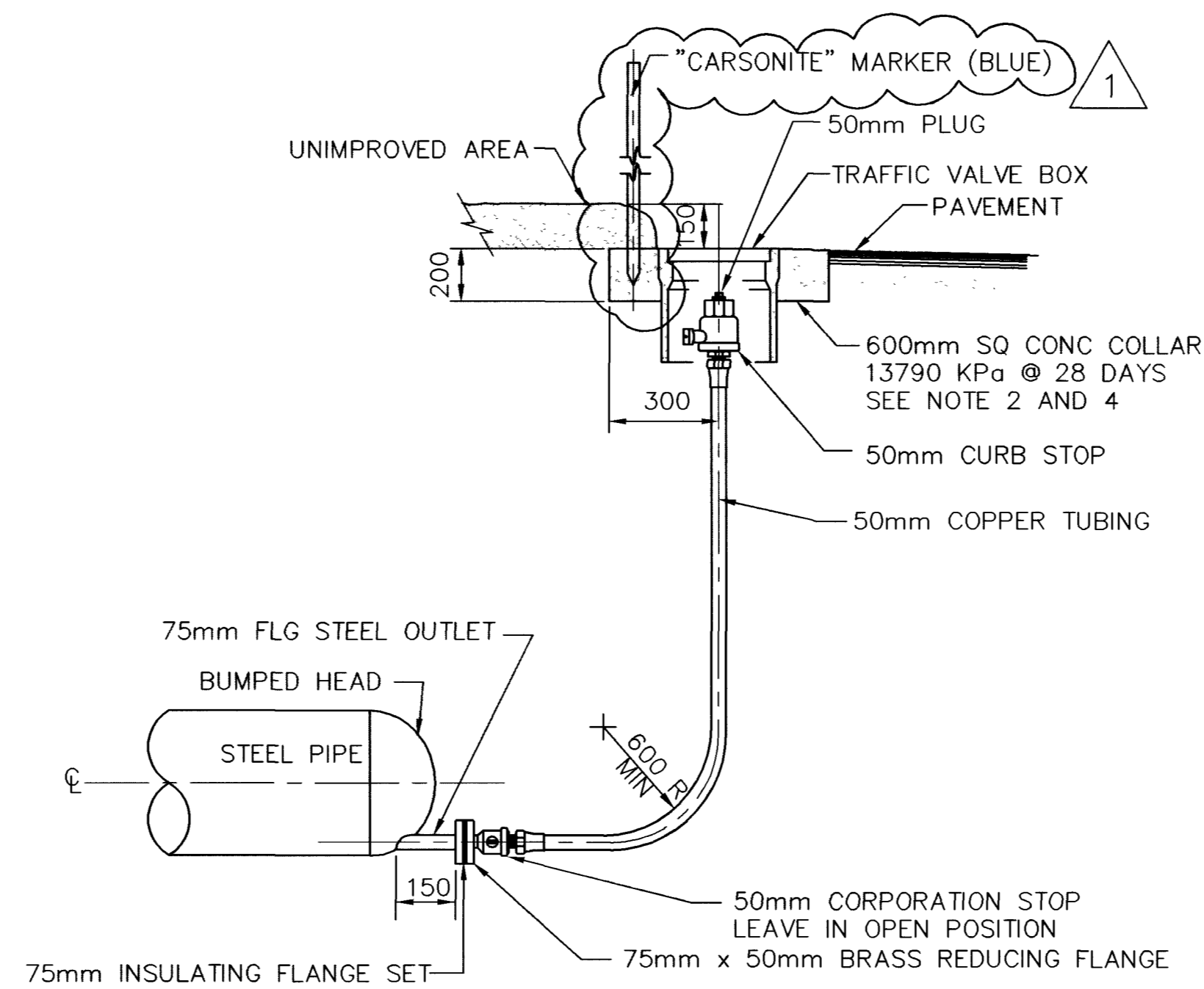
ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED



NOTES

1. WRAP OUTLET FLANGES AND CORPORATION STOP WITH TWO LAYERS OF 6 MIL POLYETHYLENE FILM AND SEAL TIGHTLY.
2. CONCRETE TO BE 30mm TO 60mm BELOW FINAL STREET GRADE.
3. ALL MATERIALS SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS.
4. ALL CONCRETE COLLARS TO BE 250mm THICK WHEN LOCATED IN UNPAVED OR UNIMPROVED AREAS.

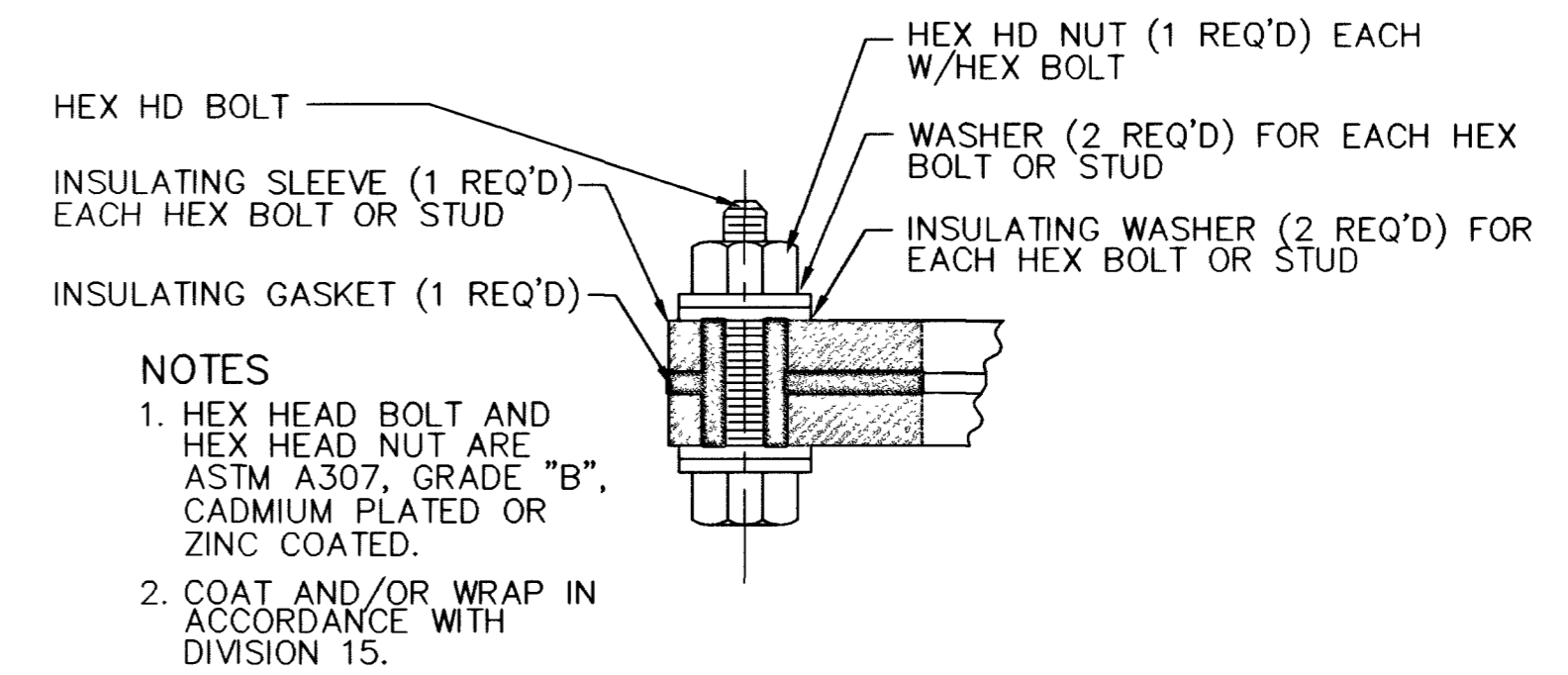
50mm MANUAL AIR RELEASE ASSEMBLY



NOTES

1. LAYERS OF 6 MIL POLYETHYLENE FILM AND SEAL TIGHTLY. LAYERS OF 6 MIL POLYETHYLENE FILM AND SEAL TIGHTLY.
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4. ALL CONCRETE COLLARS TO BE 250mm THICK WHEN LOCATED IN UNPAVED OR UNIMPROVED AREAS.

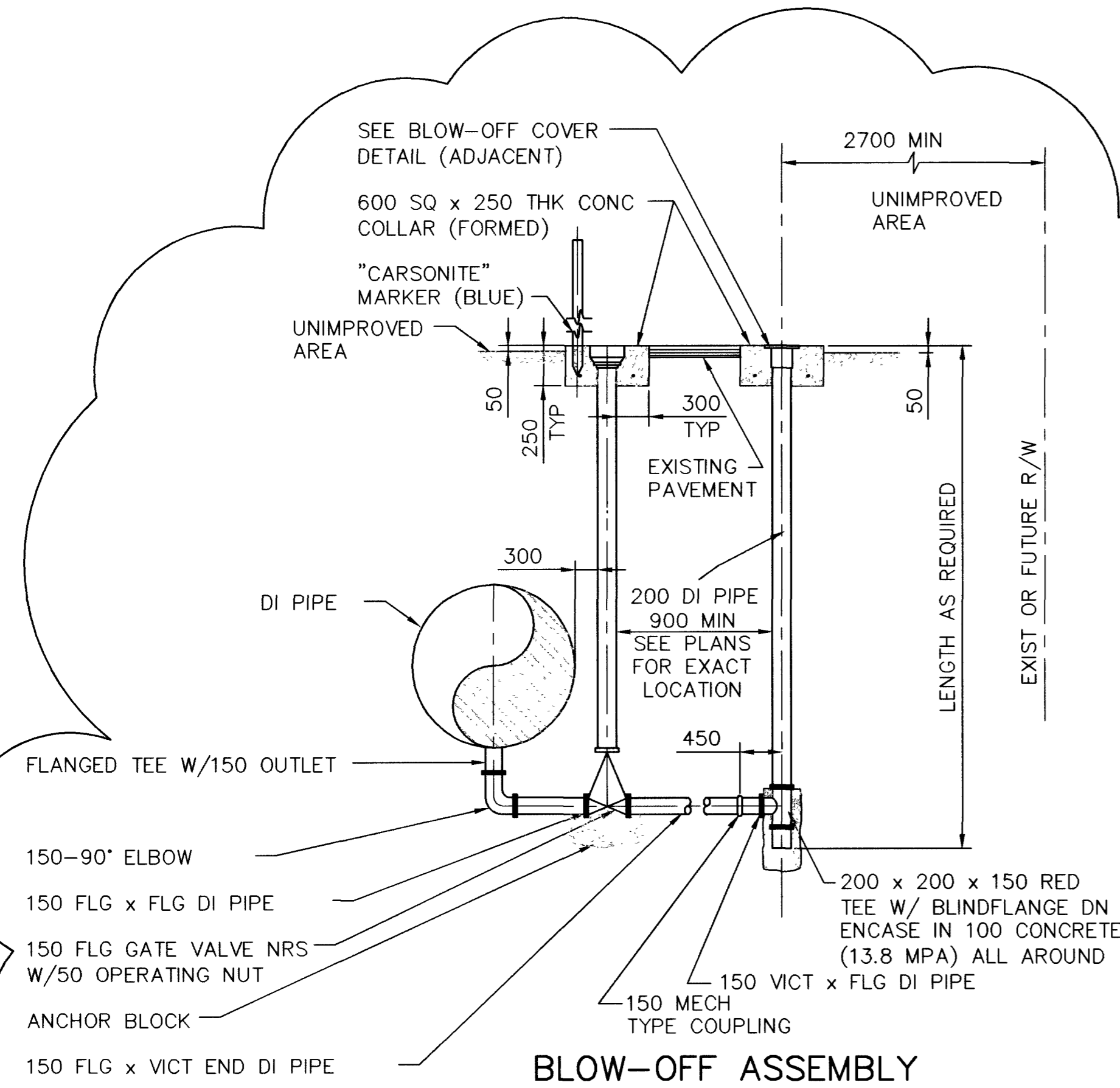
50mm MANUAL BLOW-OFF ASSEMBLY



NOTES

1. HEX HEAD BOLT AND HEX HEAD NUT ARE ASTM A307, GRADE "B", CADMIUM PLATED OR ZINC COATED.
2. COAT AND/OR WRAP IN ACCORDANCE WITH DIVISION 15.

INSULATING FLANGE DETAIL

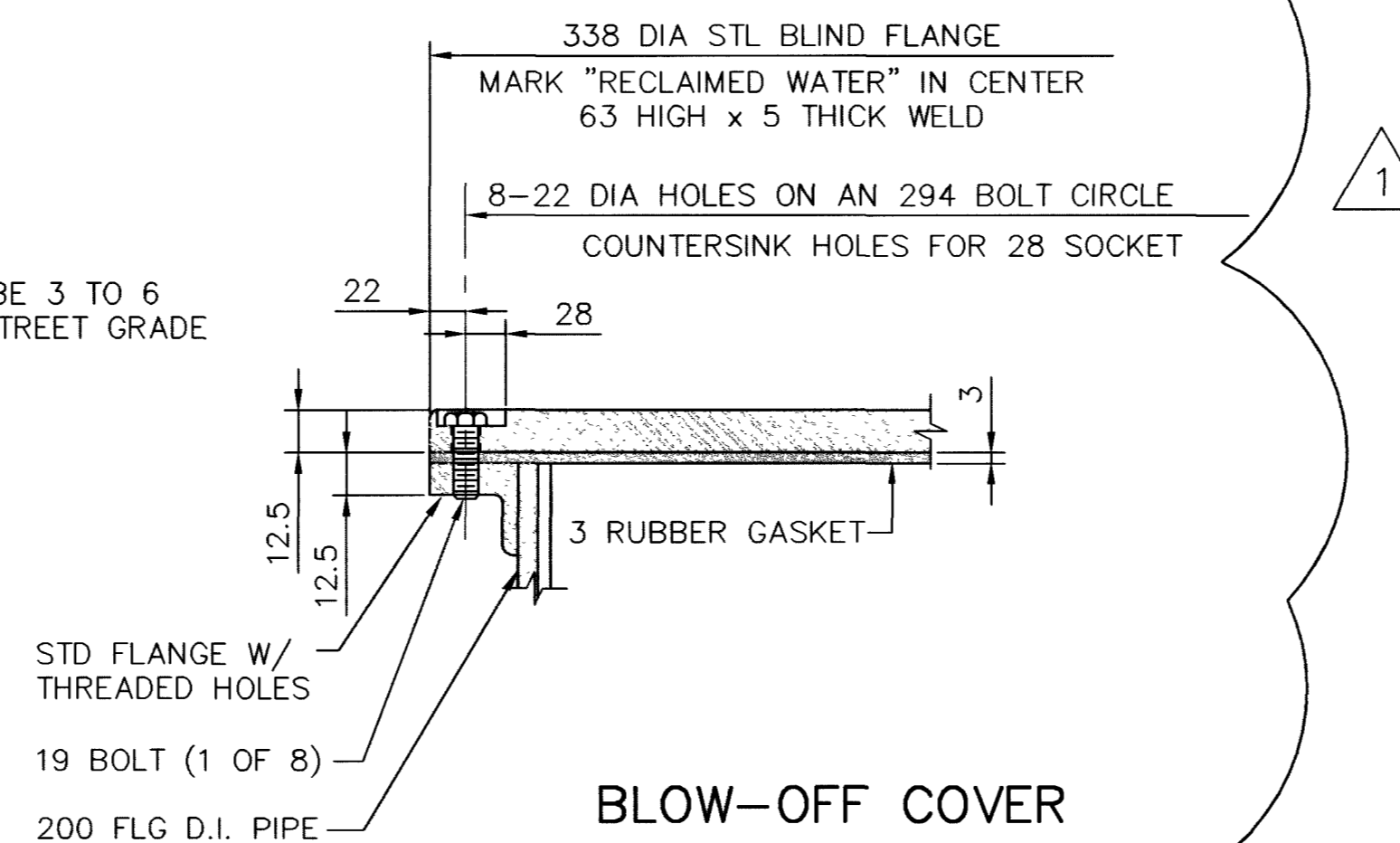


BLOW-OFF ASSEMBLY

BLOW-OFF ASSEMBLY AND COVER DETAIL DUCTILE IRON PIPE

NOTE

1. CONCRETE TO BE 3 TO 6 BELOW FINAL STREET GRADE



BLOW-OFF COVER

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT DATE

DATE	3/20/00
REVISIONS	ADDENDUM 2
PROJECT #	31804
DESIGN BY	LWMD
DATE	DEC 17, 1999
SCALE (V)	1:10 m
SCALE (H)	1:10 m
FLD. Bk. #	N/A

**PARSONS BRINCKERHOFF**  
Las Vegas, Nevada

STATE OF NEVADA  
PLUMBING ENGINEER  
No. 11501

DEPARTMENT OF PUBLIC WORKS  
I-15 FREEWAY CHANNEL  
UTILITY DETAILS

DRAWING No. 203  
**U-44**  
241

RECORD DRAWING METRIC