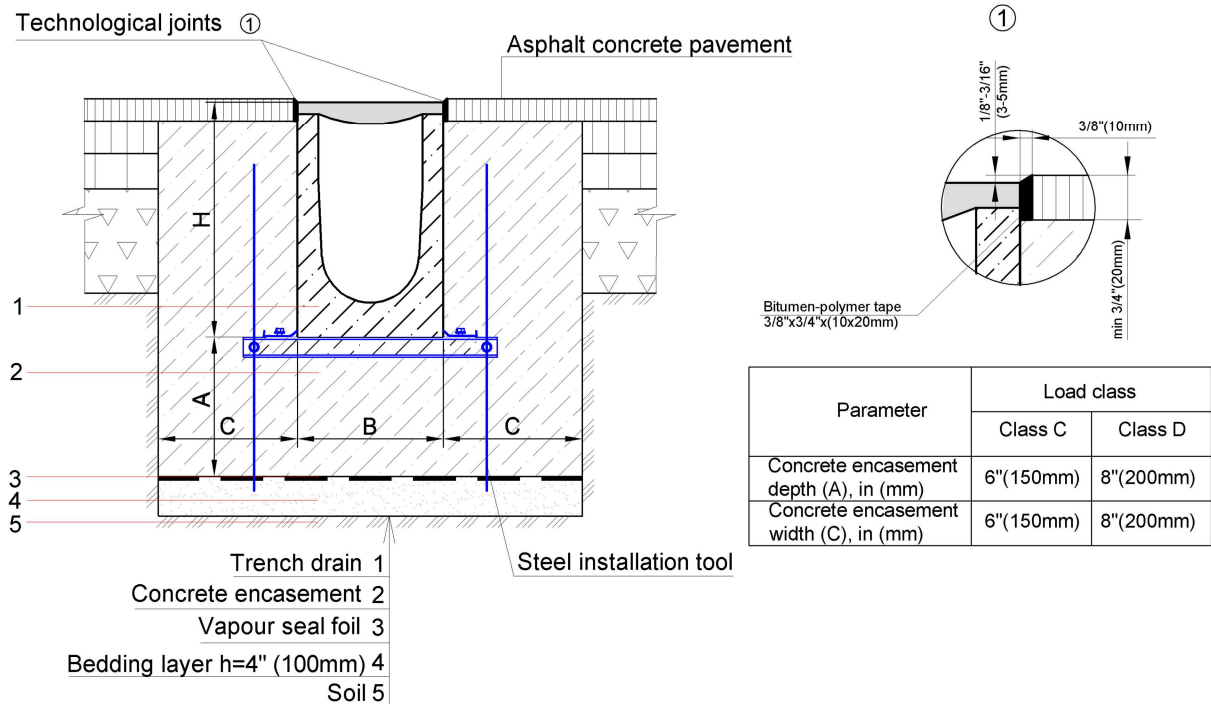


8" (200mm) REINFORCED CONCRETE TRENCH DRAIN



NOTES:

1. REFER TO VODALAND-USA WEBSITE FOR DETAILED INSTALLATION INSTRUCTIONS AND SCHEMES.
2. SPECIFIER IS RESPONSIBLE FOR CONCRETE ENCASEMENT AND REINFORCING BASED UPON APPLICATION AND LOCAL CODES.
3. EXPANSION AND CONTRACTION CONTROL JOINTS AND REINFORCEMENT ARE RECOMMENDED TO PROTECT CHANNEL AND CONCRETE SURROUND. ENGINEERING ADVICE MAY BE REQUIRED.
4. THE FINISHED LEVEL OF THE CONCRETE SURROUND MUST BE APPROX. 1/8"-3/16" (3-5mm) ABOVE THE TOP OF THE CHANNEL EDGE.

GENERAL: THE TRENCH DRAIN SHALL BE VODALAND-USA 8" (200mm) REINFORCED CONCRETE COMPLETE WITH GRATES AS MANUFACTURED BY VODALAND OR APPROVED EQUAL.

SPECIFICATION: CHANNELS SHALL BE 39.4" (1000mm) LONG AND THE NOMINAL CLEAR OPENING SHALL BE 8" (200mm) WITH 10.2" (260mm) OVERALL WIDTH AND BUILT-IN SLOPE OF 0.5% OR 1% PER SPECIFIER'S REQUIREMENTS. CHANNELS SHALL HAVE A MALE-TO-FEMALE INTERLOCKING JOINTS. EACH UNIT WILL BE PROVIDED WITH STANDARD DUCTILE CAST IRON GRATES FASTENED TO THE EDGE RAILS AND RATED LOAD CLASS D400 PER EN1433 LOAD SPECIFICATION.

MATERIALS: 8" (200mm) REINFORCED CONCRETE TRENCH DRAIN SHALL BE MANUFACTURED FROM FIBER REINFORCED CONCRETE WITH CAST-IN GALVANIZED STEEL EDGE RAILS.

COMPRESSIVE STRENGTH:	APPROX. 7,000 PSI
FLEXURAL STRENGTH:	APPROX. 3,000 PSI
WATER ABSORPTION SUFFICIENT FOR ADHESION WITH CONCRETE SURFACES:	YES
NON-FLAMMABLE:	YES
FROST PROOF:	YES
UV RESISTANT:	YES
RECYCLABLE 100%:	YES
DILUTE ACID AND ALKALI RESISTANT:	YES
MATERIAL FREE OF VOC, BIOCIDES, HEAVY METALS:	YES

THE COMPLETE DRAINAGE SYSTEM SHALL BE BY VODALAND-USA ANY DEVIATION OR PARTIAL SYSTEM DESIGN AND/OR IMPROPER INSTALLATION WILL VOID ANY AND ALL WARRANTIES PROVIDED BY VODALAND-USA.

REVISED: 2022