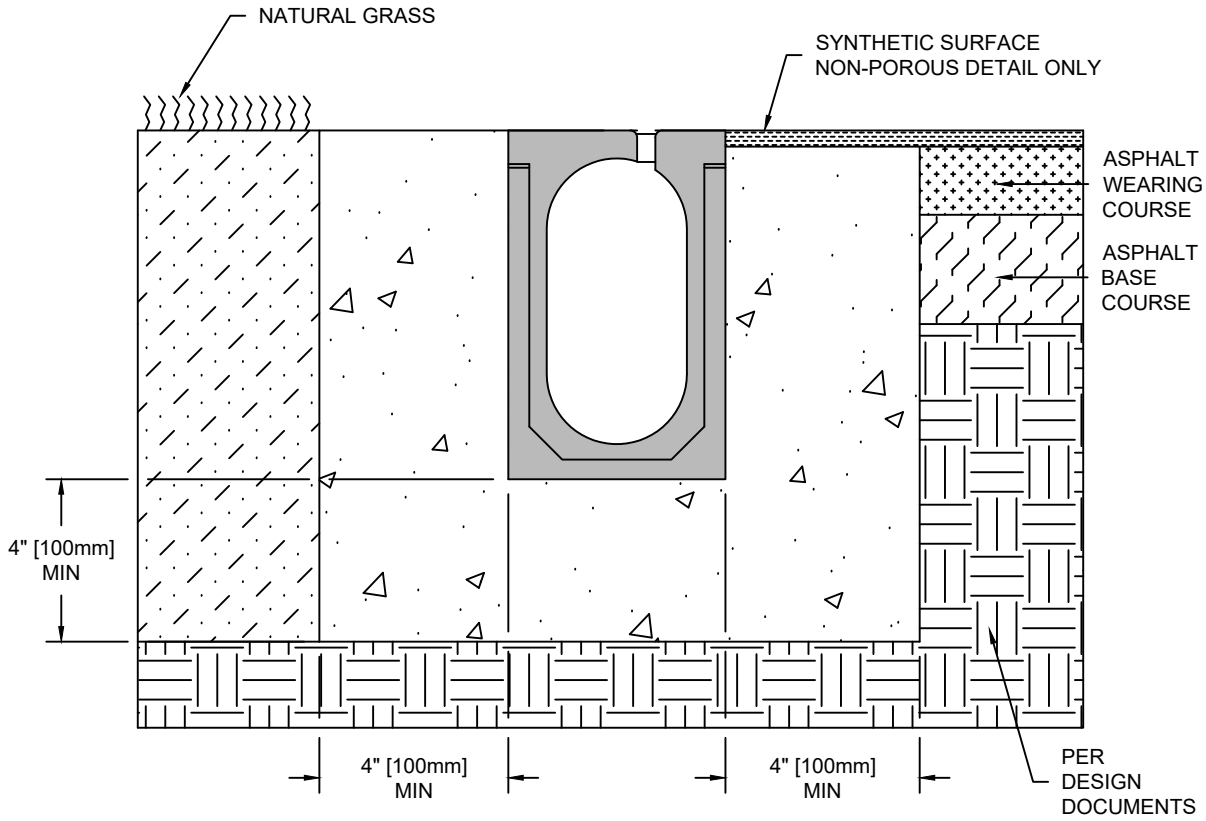

NOTES:
1. IT IS NECESSARY TO ENSURE MINIMUM DIMENSIONS SHOWN ARE SUITABLE FOR EXISTING GROUND CONDITIONS. *ENGINEERING ADVICE MAY BE REQUIRED.*
2. MINIMUM CONCRETE STRENGTH OF 4,000 PSI IS RECOMMENDED. CONCRETE SHOULD BE VIBRATED TO ELIMINATE AIR POCKETS.
3. EXPANSION AND CONTRACTION CONTROL JOINTS AND REINFORCEMENT ARE RECOMMENDED TO PROTECT CHANNEL AND CONCRETE SURROUND. *ENGINEERING ADVICE MAY BE REQUIRED.*.
4. REFER TO ACO'S LATEST INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS.

SPECIFICATION CLAUSE

SPORT 2000

GENERAL
THE SURFACE DRAINAGE SYSTEM SHALL BE POLYMER CONCRETE SYSTEM 2000 CHANNEL SYSTEM AS MANUFACTURED BY ACO, INC.

MATERIALS
CHANNELS SHALL BE MANUFACTURED FROM POLYESTER RESIN POLYMER CONCRETE. MINIMUM PROPERTIES OF POLYMER CONCRETE WILL BE AS FOLLOWS:

COMPRESSIVE STRENGTH:	13,000 PSI
FLEXURAL STRENGTH:	3,200 PSI
TENSILE STRENGTH:	1,500 PSI
WATER ABSORPTION:	0.07%
FROST PROOF	YES
DILUTE ACID AND ALKALI RESISTANT	YES
B117 SALT SPRAY TEST COMPLIANT	YES

THE SYSTEM SHALL BE 4" (100mm) NOMINAL INTERNAL WIDTH AND A 6.1" (155mm) OVERALL WIDTH. THE EVEN TOP CHANNEL SHALL BE 9.8" (249mm) IN OVERALL DEPTH. 10.3" (261mm) FOR UN-EVEN TOP. THE MINIMUM SLOT DIMENSION SHALL BE 0.625" (15mm). ALL CHANNELS SHALL BE INTERLOCKING WITH A MALE/FEMALE JOINT.

THE COMPLETE DRAINAGE SYSTEM SHALL BE BY ACO, INC. ANY DEVIATION OR PARTIAL SYSTEM DESIGN AND/OR IMPROPER INSTALLATION WILL VOID ANY AND ALL WARRANTIES PROVIDED BY ACO, INC.

THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.
REFER TO ARCHITECT'S PLANS FOR TRENCH AND CATCH BASIN LOCATION.

S2000-FCGN

DATE: 12/18/25

SYSTEM 2000:
Full/Partial Concrete, Grass & Non-Porous Synthetic Surface
INSTALLATION DRAWING - ACO SPORT

ACO, Inc.

825 W. Beechcraft St
Casa Grande, AZ 85122
Tel: 520-421-9988
Fax: 520-421-9899

P.O. Box 245
Chardon, OH 44024
Tel: 440-285-7000
Fax: 440-285-8517

481 Munn Rd. Suite #225
Fort Mill, SC 29715
Tel: 440-639-7230
Fax: 803-802-1063

Arizona Tel: 888-490-9552 e-mail: sales@acousa.com Ohio Tel: 800-543-4764 www.acoswm.com South Carolina Tel: 800-622-2377