



CONSTRUCTION CROSS-SECTION DRAWINGS AND GUIDE SPECIFICATIONS FOR CAMBRIDGE INTERLOCKING PAVINGSTONES

Index of Drawings

| NO. | DESCRIPTION |
|-----|---|
| 01 | Residential Driveway With Concrete Edges |
| 02 | Patio/Sidewalk/Plaza On Compacted Aggregate Base |
| 03 | Patio/Sidewalk/Plaza On Concrete Base |
| 04 | Street/Parking Lot/Residential Driveway Overlay On Existing Concrete Pavement |
| 05 | Street/Parking Lot/Residential Driveway Overlay On Existing Asphalt Pavement |
| 06 | Heated Sidewalk/Driveway |
| 07 | Interior Concrete Base |
| 08 | Steps |
| 09 | Street/Parking Lot On Compacted Gravel Base |
| 10 | Concrete Curb And Gutter |
| 11 | Crosswalk On Compacted Aggregate Base |
| 12 | Crosswalk On Concrete Base |
| 13 | Crosswalk On Asphalt Or Cement Treated Base |
| 14 | Utility Structure |
| 15 | Utility Structure – Value Box/Pull Box/Lamphole |
| 16 | Catch Basin |
| 17 | Tree Pit – Non-Compacted Root Zone |
| 18 | Slope Protection |



| NO. | DESCRIPTION |
|-----|--|
| 19 | Fountain |
| 20 | Roof Deck Over Habitable Space |
| 21 | Roof Deck Over Uninhabited Space |
| 22 | Parking Garage Over Uninhabited Space – Expansion Joint |
| 23 | Parking Garage Over Inhabited/Uninhabited Space – Drain |
| 24 | Parking Garage Over Inhabited Space – Expansion Joint |
| 25 | Bridge Deck |
| 26 | Gas Station On Cement Treated Base |
| 27 | Port/Industrial/Airfield Pavement With Cement Treated Base |
| 28 | Port/Industrial Pavement On Existing Asphalt Or Concrete |
| 29 | Airfield Pavement With Cement Treated Or Asphalt Base |
| 30 | Airfield Pavement On Existing Asphalt Or Concrete |
| 31 | Turfstone – Firelane/Driveway/Intermittent Parking |
| 32 | Turfstone – Slope Protection |
| 33 | Turfstone – Riparian Stabilization |
| 34 | Ditch Liner For Intermittent Flows |
| 35 | Turfstone – Boat Ramp |

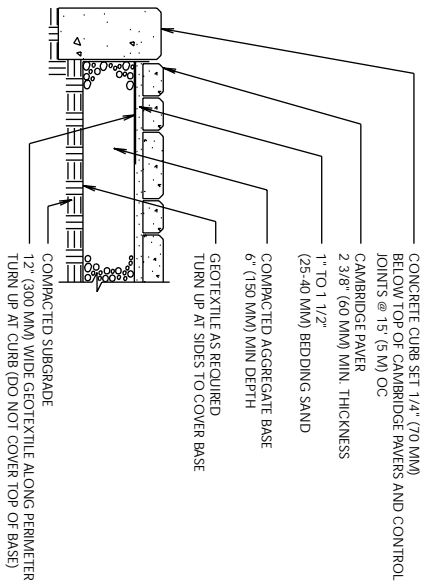
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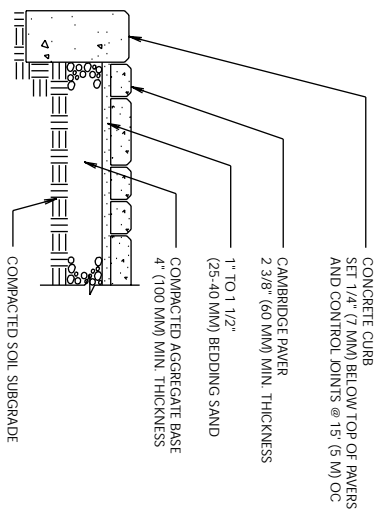
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- NOTES:
1. THICKNESS OF AGGREGATE BASE WILL VARY WITH SUBGRADE CONDITIONS AND CLIMATE. COLDER CLIMATES MAY REQUIRE THICKER BASES.
 2. CAMBRIDGE PAVERS SHOULD BE PLACED ON A CEMENT TREATED BASE IF SOIL IS EXTREMELY WEAK OR CONSTANTLY SATURATED. PAVERS CAN BE OVERLAIN OR INLAIN ON EXISTING ASPHALT OR CONCRETE DRIVEWAYS.
 3. PLASTIC, STEEL, ALUMINUM OR PRECAST CONCRETE EDGING MAY BE USED.

**RESIDENTIAL DRIVEWAY WITH
CONCRETE EDGES**

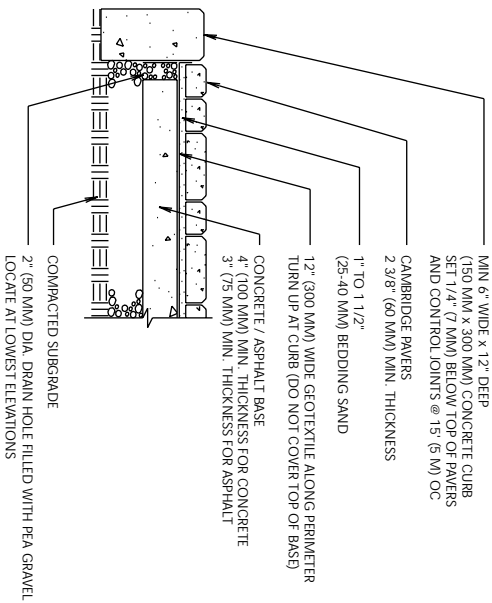
DRAWING NO.
CAMBRIDGE-01



- NOTE:
1. THICKNESS OF BASE WILL VARY WITH SUBGRADE CONDITIONS AND CLIMATE. COLDER CLIMATES MAY REQUIRE THICKER BASES.

**PATIO / SIDEWALK / PLAZA
ON COMPACTED AGGREGATE BASE**

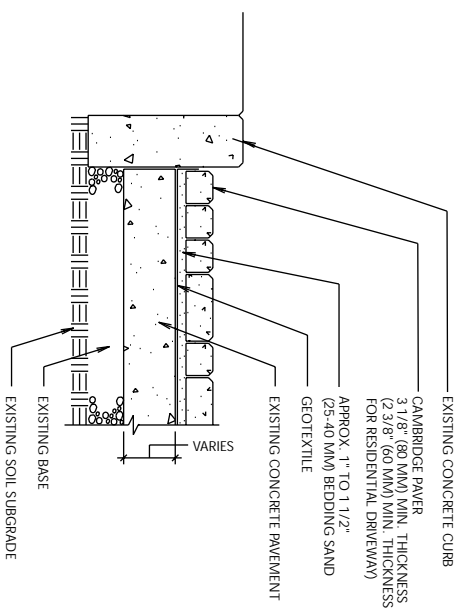
DRAWING NO.
CAMBRIDGE-02



- NOTE:
1. THICKNESS OF BASE WILL VARY WITH SUBGRADE CONDITIONS AND CLIMATE. COLDER CLIMATES MAY REQUIRE THICKER BASES.

**PATIO / SIDEWALK / PLAZA
ON CONCRETE BASE**

DRAWING NO.
CAMBRIDGE-03

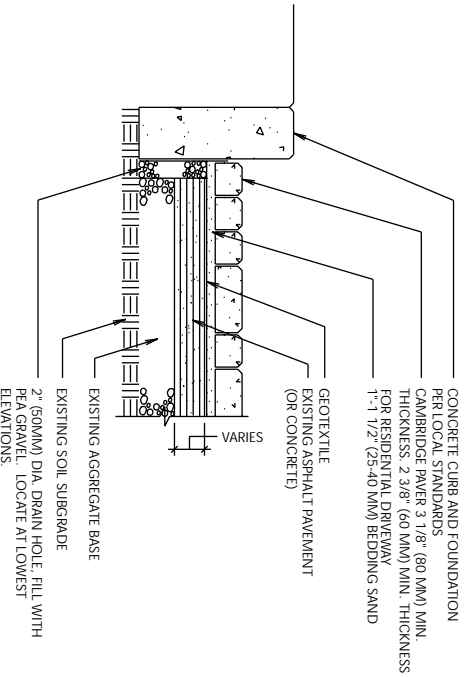


- NOTE:
1. DRAIN BEDDING SAND OF EXCESS MOISTURE THROUGH PAVEMENT AT LOWEST POINT OR AT CATCH BASIN(S). SEE DRAWING NO. CAMBRIDGE-03.

**STREET / PARKING LOT / RESIDENTIAL DRIVEWAY
OVERLAY ON EXISTING CONCRETE PAVEMENT**

DRAWING NO.
CAMBRIDGE-04

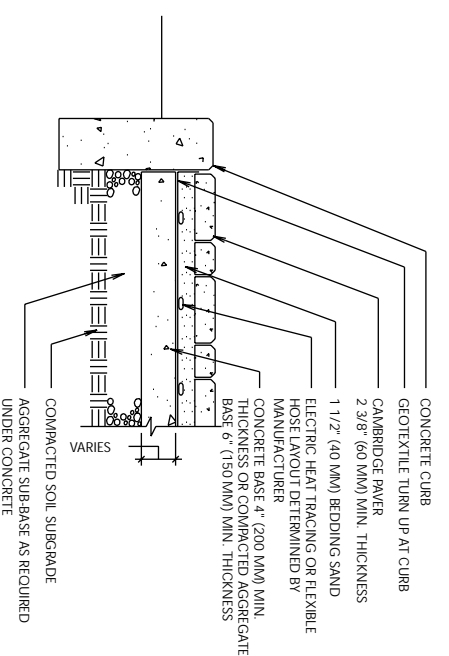
NOTE: 1. DRAIN BEDDING SAND OF EXCESS MOISTURE THROUGH PAVEMENT AT LOWEST POINTS AS SHOWN OR AT CATCH BASIN(S).



**STREET/PARKING LOT/RESIDENTIAL DRIVEWAY
OVERLAY ON EXISTING ASPHALT PAVEMENT**

DRAWING NO.
CAMBRIDGE-05

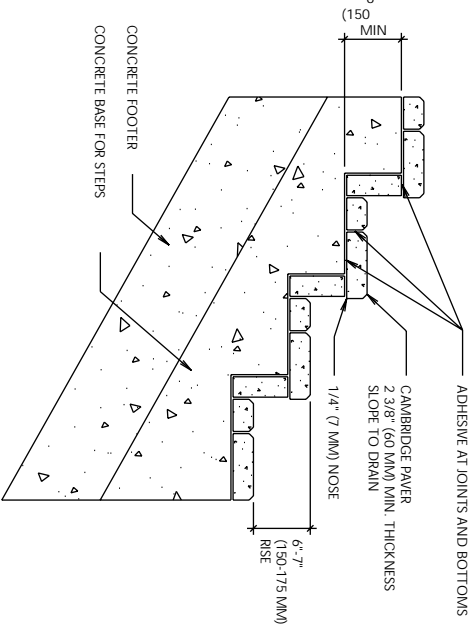
- NOTES:
- HEATED ASSEMBLIES CAN BE PLACED ON A CEMENT TREATED BASE OR COMPACTED GRAVEL.
 - ON CONCRETE BASE PROVIDE REA GRAVEL-FILLED WEEP HOLES) AT LOWEST POINT(S).
 - COVER TOP OF HOLE WITH GEOTEXTILE.
 - ON AN AGGREGATE BASE, GEOTEXTILE IS ONLY REQUIRED ALONG THE CURB.
 - FLEXIBLE HOSE CAN BE PLACED IN TOP LAYER OF AGGREGATE BASE.



HEATED SIDEWALK / DRIVEWAY

DRAWING NO.
CAMBRIDGE-06

NOTE: 1. USE OF MORTAR IS NOT RECOMMENDED IN PLACE OF ADHESIVE.

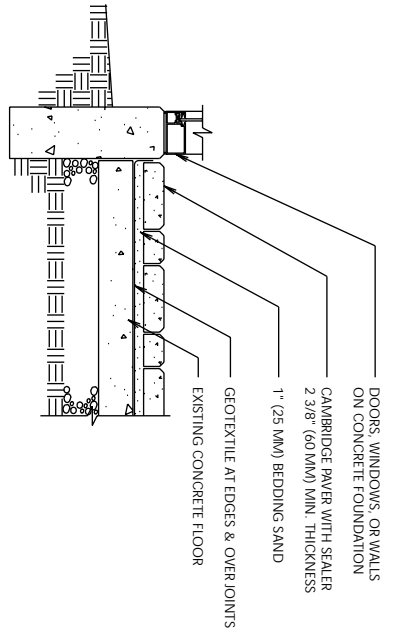


STEPS WITH CAMBRIDGE PAVERS

DRAWING NO.
CAMBRIDGE-08

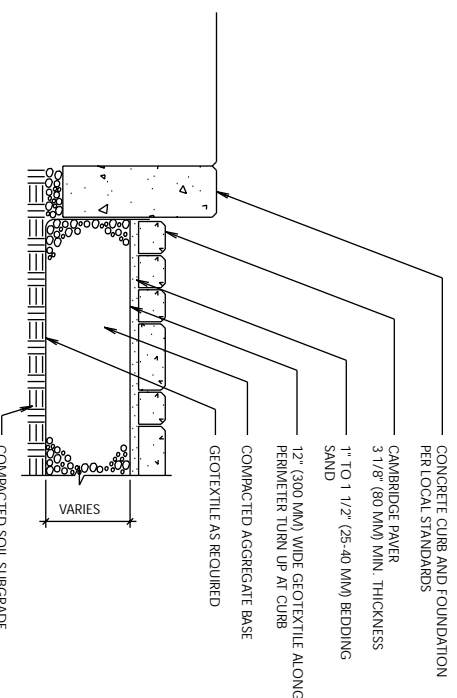
**INTERIOR
CONCRETE BASE**

DRAWING NO.
CAMBRIDGE-07



DRAWING NO.
CAMBRIDGE-07

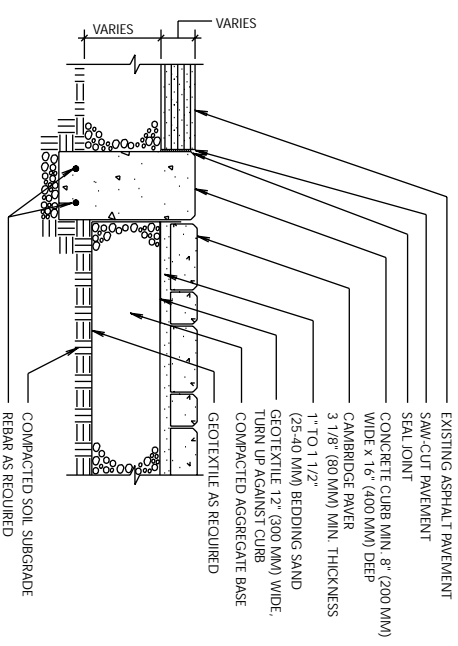
- NOTES:
1. DRAIN MAY BE NECESSARY IN SLOW DRAINING SUBGRADE.
 2. BASE THICKNESS VARIES WITH TRAFFIC, CLIMATE, AND SUBGRADE CONDITIONS. COLDER CLIMATES AND WEAK SOILS MAY REQUIRE THICKER BASES.
 3. DO NOT COVER ENTIRE TOP OF AGGREGATE BASE WITH GEOTEXTILE.



**STREET / PARKING LOT
ON COMPACTED GRAVEL BASE**

DRAWING NO.
CAMBRIDGE-09

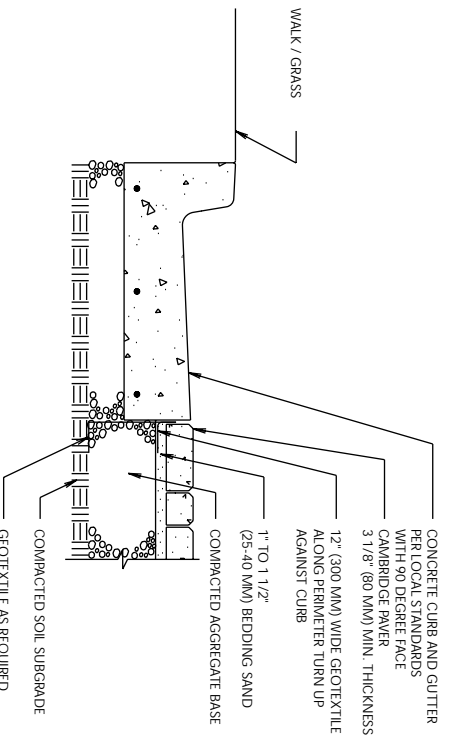
- NOTES:
1. BASE THICKNESS VARIES WITH TRAFFIC, CLIMATE, AND SUBGRADE CONDITIONS.
 2. CONCRETE CURBS DO NOT DEFLECT TO THE SAME DEPTH AS CAMBRIDGE PAVERS OR EXISTING ASPHALT. THIS DETAIL IS NOT RECOMMENDED FOR OTHER THAN LOW VOLUME RESIDENTIAL STREETS.
 3. THICKENING ASPHALT PAVEMENT ADJACENT TO CONCRETE CURB IS RECOMMENDED.



**CROSSWALK
ON COMPACTED AGGREGATE BASE**

DRAWING NO.
CAMBRIDGE-11

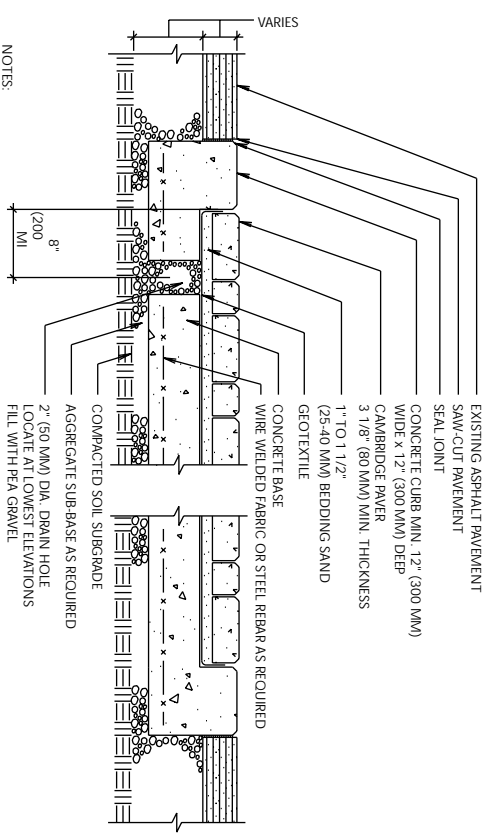
- NOTE: 1. DRAIN MAY BE NECESSARY IN SOIL SUBGRADE.



**CONCRETE CURB AND GUTTER
WITH CAMBRIDGE PAVERS**

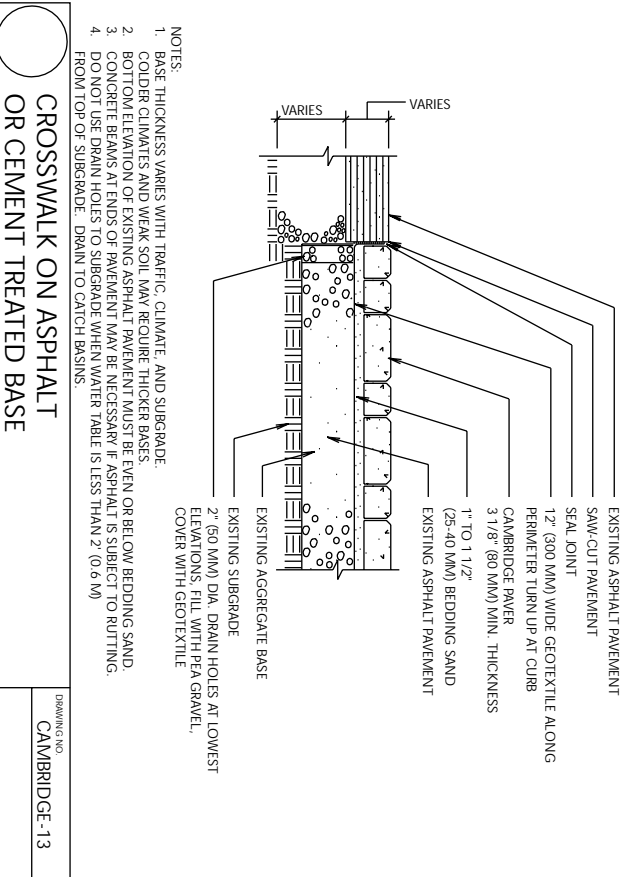
DRAWING NO.
CAMBRIDGE-10

- NOTES:
1. BASE THICKNESS AND REINFORCING VARIES WITH TRAFFIC, CLIMATE, AND SUBGRADE CONDITIONS.
 2. CONCRETE BASE MINIMUM 2% SLOPE FROM CENTRALLINE TO CURB.
 3. DO NOT USE DRAIN HOLES TO SUBGRADE WHEN WATER TABLE IS LESS THAN 2' (0.6 M) FROM TOP OF SUBGRADE. DRAIN TO CATCH BASINS.



CROSSWALK ON CONCRETE BASE

DRAWING NO.
CAMBRIDGE-12

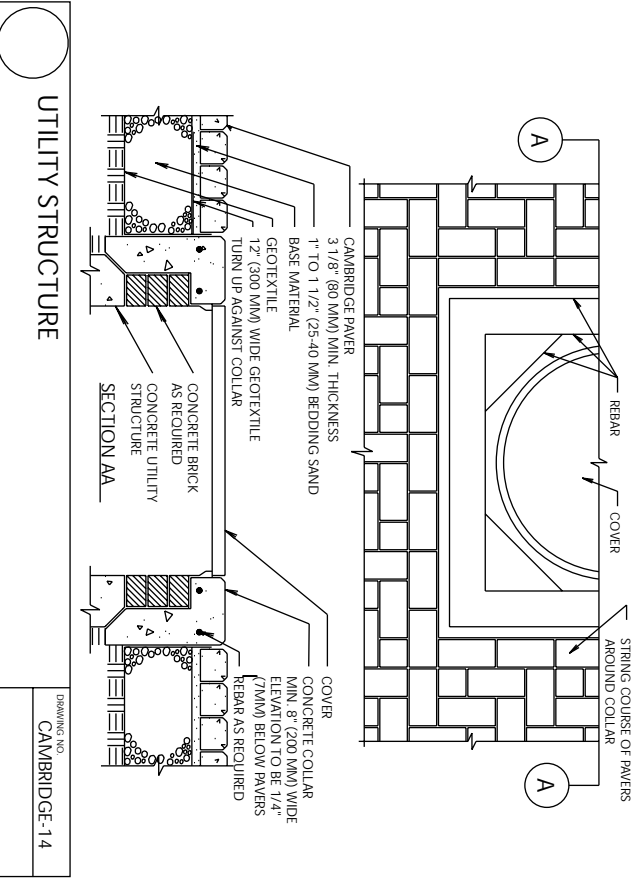


CROSSWALK ON ASPHALT OR CEMENT TREATED BASE

DRAWING NO. CAMBRIDGE-13

- NOTES:
1. BASE THICKNESS VARIES WITH TRAFFIC, CLIMATE, AND SUBGRADE.
 2. COLDER CLIMATES AND WEAK SOIL MAY REQUIRE THICKER BASES.
 3. BOTTOM ELEVATION OF EXISTING ASPHALT PAVEMENT MUST BE EVEN OR BELOW BEDDING SAND.
 4. CONCRETE BEAMS AT ENDS OF PAVEMENT MAY BE NECESSARY IF ASPHALT IS SUBJECT TO RUTTING.
- DO NOT USE DRAIN HOLES TO SUBGRADE WHEN WATER TABLE IS LESS THAN 2' (0.6 M) FROM TOP OF SUBGRADE. DRAIN TO CATCH BASINS.

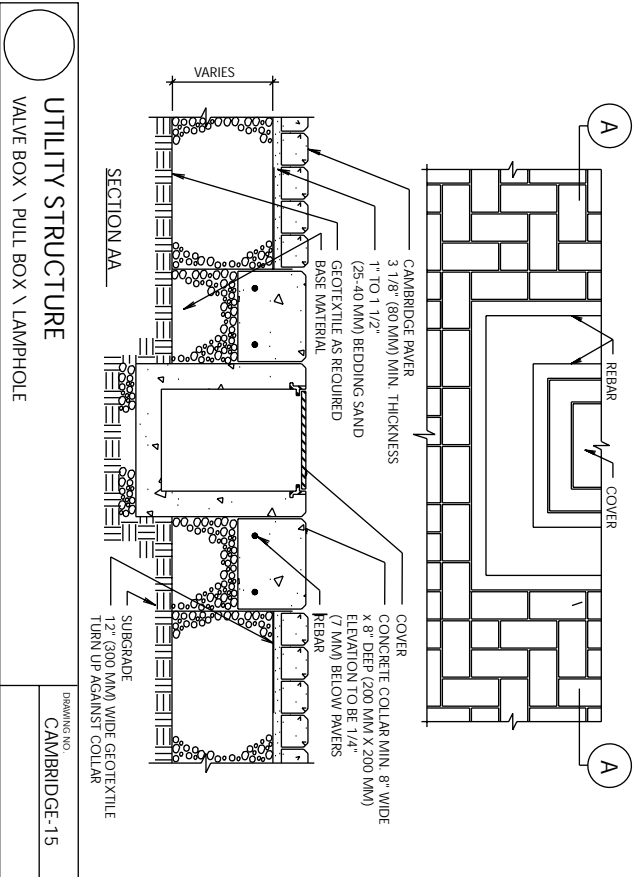
- EXISTING ASPHALT PAVEMENT
- SAM-CUT PAVEMENT
- SEAL JOINT
- 12" (300 MM) WIDE GEOTEXTILE ALONG PERIMETER TURN UP AT CURB
- CAMBRIDGE PAVERS
- 3 1/8" (80 MM) MIN. THICKNESS
- 1" TO 1 1/2" (25-40 MM) BEDDING SAND
- EXISTING ASPHALT PAVEMENT
- EXISTING SUBGRADE
- 2" (50 MM) DIA. DRAIN HOLES AT LOWEST ELEVATIONS. FILL WITH PEA GRAVEL. COVER WITH GEOTEXTILE



UTILITY STRUCTURE

DRAWING NO. CAMBRIDGE-14

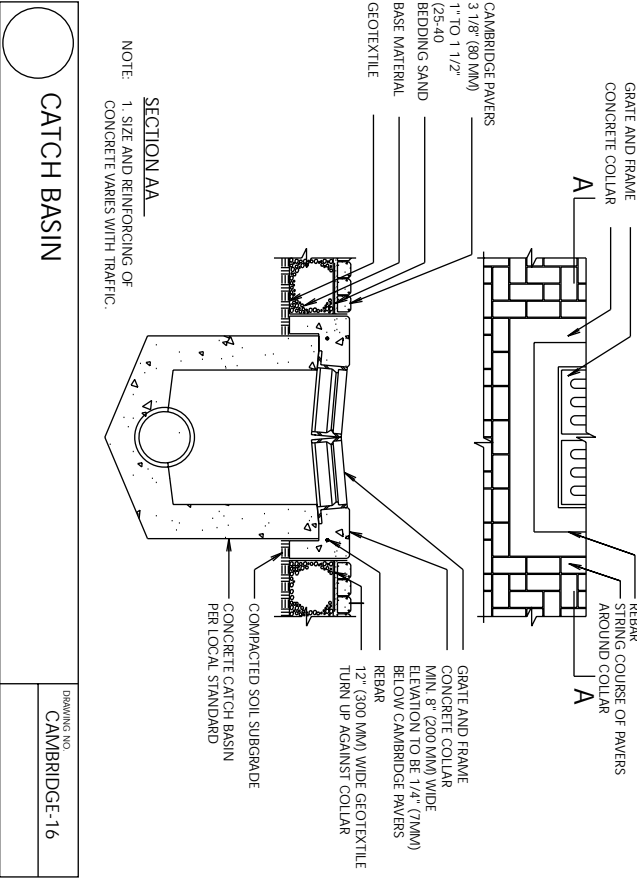
- REBAR
- COVER
- STRING COURSE OF PAVERS AROUND COLLAR
- CAMBRIDGE PAVERS
- 3 1/8" (80 MM) MIN. THICKNESS
- 1" TO 1 1/2" (25-40 MM) BEDDING SAND
- BASE MATERIAL
- 12" (300 MM) WIDE GEOTEXTILE TURN UP AGAINST COLLAR
- CONCRETE BRICK AS REQUIRED CONCRETE UTILITY STRUCTURE
- SECTION AA
- COVER
- CONCRETE COLLAR MIN. 8" (200 MM) WIDE ELEVATION TO BE 1/4" (7MM) BELOW PAVERS REBAR AS REQUIRED



UTILITY STRUCTURE

DRAWING NO. CAMBRIDGE-15

- REBAR
- COVER
- CAMBRIDGE PAVERS
- 3 1/8" (80 MM) MIN. THICKNESS
- 1" TO 1 1/2" (25-40 MM) BEDDING SAND
- GEOTEXTILE AS REQUIRED
- BASE MATERIAL
- COVER
- CONCRETE COLLAR MIN. 8" WIDE X 8" DEEP (200 MM X 200 MM) ELEVATION TO BE 1/4" (7 MM) BELOW PAVERS
- REBAR
- SUBGRADE 12" (300 MM) WIDE GEOTEXTILE TURN UP AGAINST COLLAR

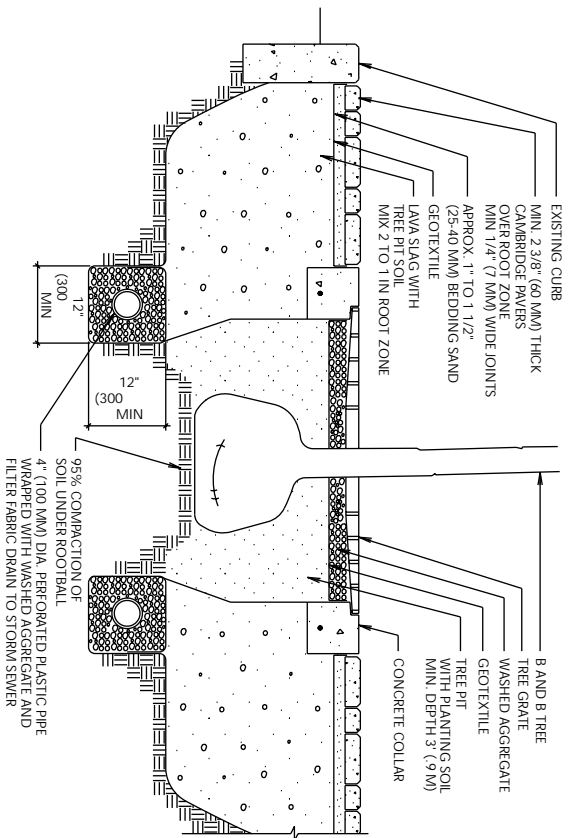


CATCH BASIN

DRAWING NO. CAMBRIDGE-16

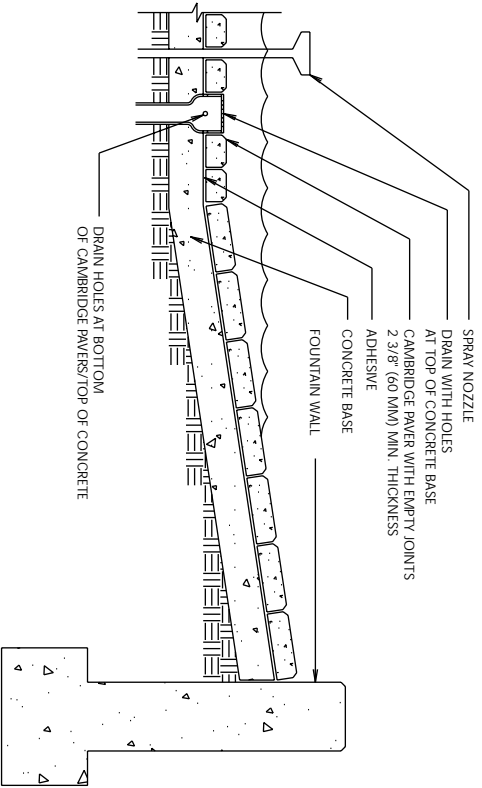
- GRATE AND FRAME CONCRETE COLLAR
- REBAR
- STRING COURSE OF PAVERS AROUND COLLAR
- CAMBRIDGE PAVERS
- 3 1/8" (80 MM)
- 1" TO 1 1/2" (25-40) BEDDING SAND
- BASE MATERIAL
- GEOTEXTILE
- GRATE AND FRAME CONCRETE COLLAR MIN. 8" (200 MM) WIDE ELEVATION TO BE 1/4" (7MM) BELOW CAMBRIDGE PAVERS
- REBAR
- 12" (300 MM) WIDE GEOTEXTILE TURN UP AGAINST COLLAR
- COMPACTED SOIL SUBGRADE FOR LOCAL STANDARD

NOTE: 1. SIZE AND REINFORCING OF CONCRETE VARIES WITH TRAFFIC.



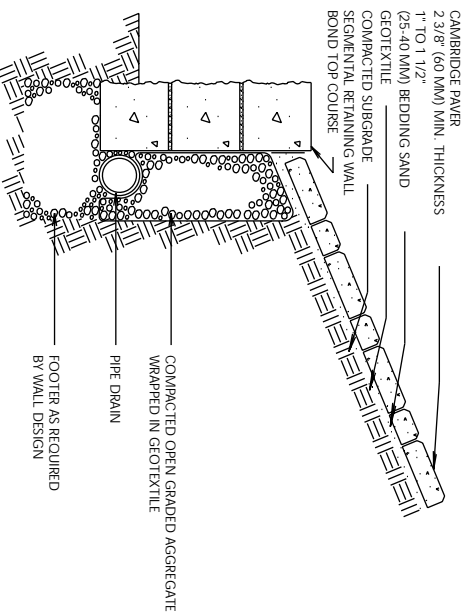
**TREE PIT - NON-COMPACTED
ROOT ZONE UNDER CAMBRIDGE PAVERS**

DRAWING NO.
CAMBRIDGE-17



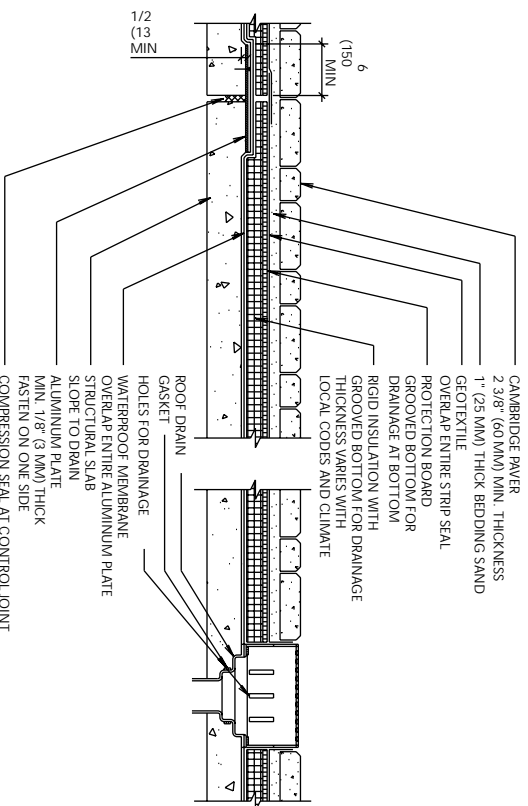
FOUNTAIN

DRAWING NO.
CAMBRIDGE-19



**SLOPE PROTECTION
CAMBRIDGE PAVERS**

DRAWING NO.
CAMBRIDGE-18



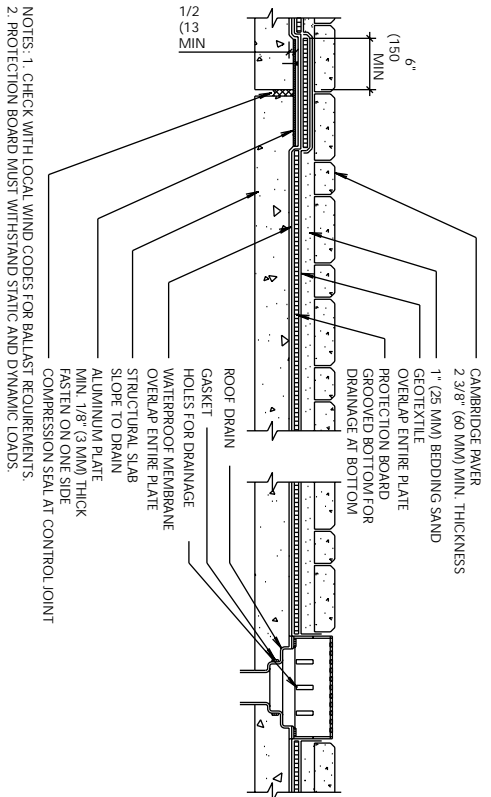
ROOF DECK OVER HABITABLE SPACE

DRAWING NO.
CAMBRIDGE-20

NOTE: 1. CAMBRIDGE PAVERS CAN BE LAID WITHOUT ADHESIVE.

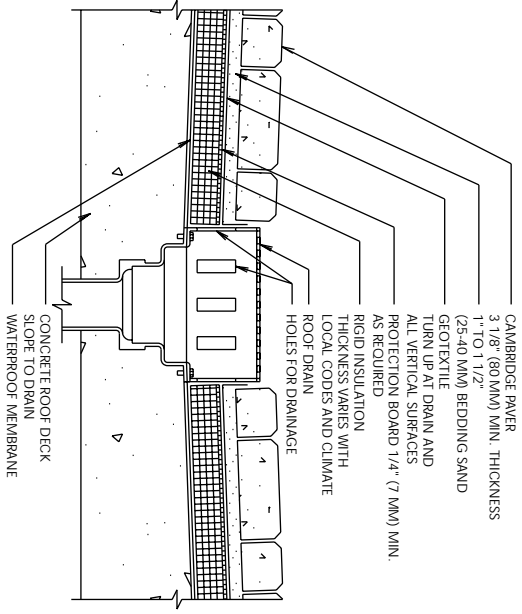
NOTES: 1. CHECK WITH LOCAL WIND CODES FOR BALLAST REQUIREMENTS.
2. PROTECTION BOARD AND INSULATION MUST WITHSTAND STATIC AND DYNAMIC LOADS.

NOTES:
1. MAXIMUM SLOPE SHOULD NOT EXCEED ANGLE OF REPOSE FOR BEDDING SAND.
2. PROVIDE EDGE RESTRAINTS ON SIDES OF INSTALLATION.
3. ENGINEERING OF THE SEGMENTAL RETAINING WALL IS REQUIRED WHEN HEIGHT EXCEEDS 4' (1.0 M).



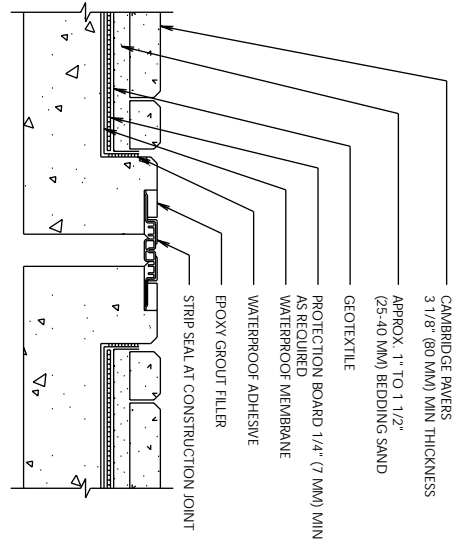
NOTES: 1. CHECK WITH LOCAL WIND CODES FOR BALLAST REQUIREMENTS.
2. PROTECTION BOARD MUST WITHSTAND STATIC AND DYNAMIC LOADS.

ROOF DECK OVER UNINHABITED SPACE
DRAWING NO. CAMBRIDGE-21

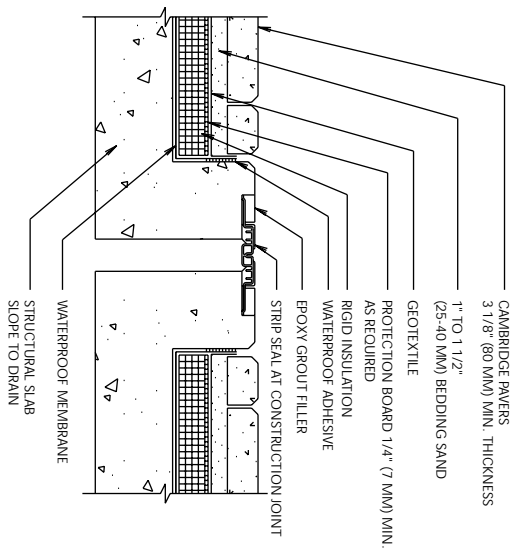


NOTES: 1. PROTECTION BOARD AND INSULATION MUST WITHSTAND STATIC AND DYNAMIC VEHICULAR LOADS.
2. INSULATION MAY BE EXCLUDED FOR SOME APPLICATIONS OVER UNINHABITED SPACE.

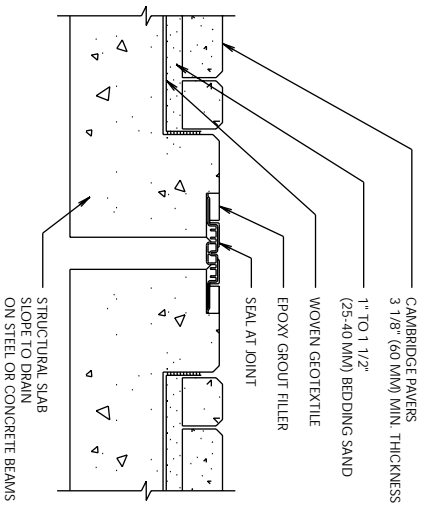
PARKING GARAGE OVER UNINHABITED / UNINHABITED SPACE - DRAIN
DRAWING NO. CAMBRIDGE-23



PARKING GARAGE OVER UNINHABITED SPACE - EXPANSION JOINT
DRAWING NO. CAMBRIDGE-22



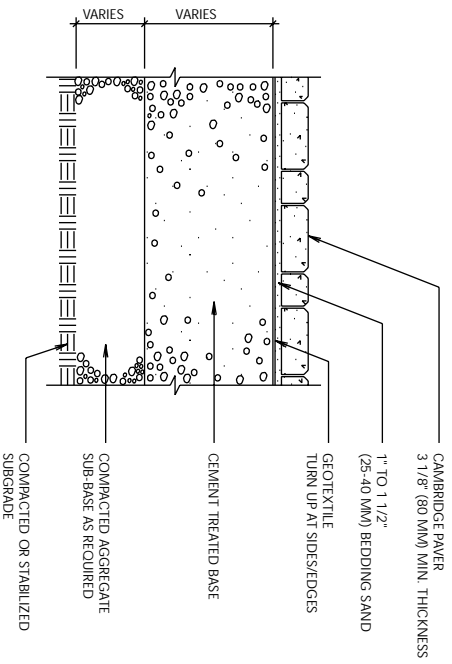
PARKING GARAGE OVER UNINHABITED SPACE - EXPANSION JOINT
DRAWING NO. CAMBRIDGE-24



NOTE: 1. PROVIDE DRAINAGE OF EXCESS MOISTURE IN BEDDING SAND AT PERIMETER OF STRUCTURAL SLAB.

BRIDGE DECK

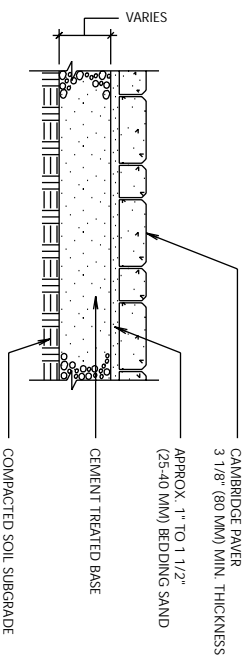
DRAWING NO. CAMBRIDGE-25



NOTE: 1. BASE, SUB-BASE, AND SUBGRADE THICKNESS VARY WITH LOADS; SUBGRADE STRENGTH, AND CLIMATE.

PORT / INDUSTRIAL / AIRFIELD PAVEMENT W/CEMENT TREATED BASE

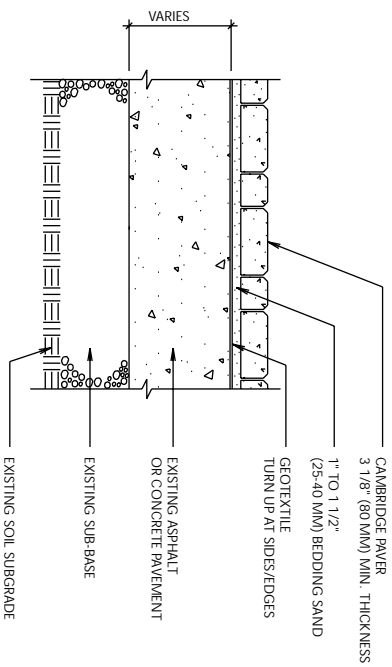
DRAWING NO. CAMBRIDGE-27



NOTES:
 1. BASE, SUB-BASE, AND SUBGRADE THICKNESS VARY WITH LOADS; SUBGRADE STRENGTH, AND CLIMATE.
 2. CAMBRIDGE PAVERS MAY BE INLAID ON EXISTING ASPHALT OR CONCRETE GAS STATION PAVEMENTS.
 3. SEALING JOINTS OF PAVERS IS RECOMMENDED.

GAS STATION ON CEMENT TREATED BASE

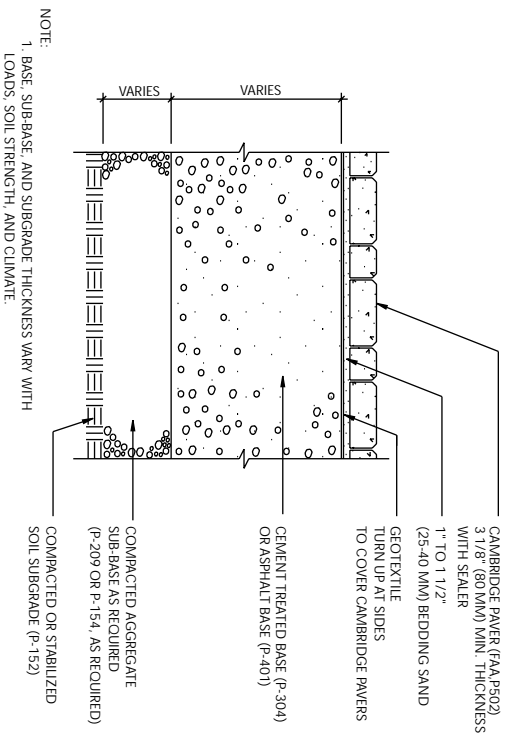
DRAWING NO. CAMBRIDGE-26



NOTES:
 1. EXISTING ASPHALT OR CONCRETE PAVEMENT SHALL BE THOROUGHLY INSPECTED FOR AREAS IN NEED OF PATCHING OR REPLACEMENT. CONDUCT ALL REPAIRS AND FILL ALL CRACKS GREATER THAN 1/4\" (7 MM) WIDE PRIOR TO PLACING GEOTEXTILE, SAND, AND CAMBRIDGE PAVERS.
 2. PROVIDE DRAINAGE OF SAND LAYER THROUGH GRAVEL-FILLED WEEP HOLES) OR CATCH BASINS).

PORT / INDUSTRIAL PAVEMENT ON EXISTING ASPHALT OR CONCRETE

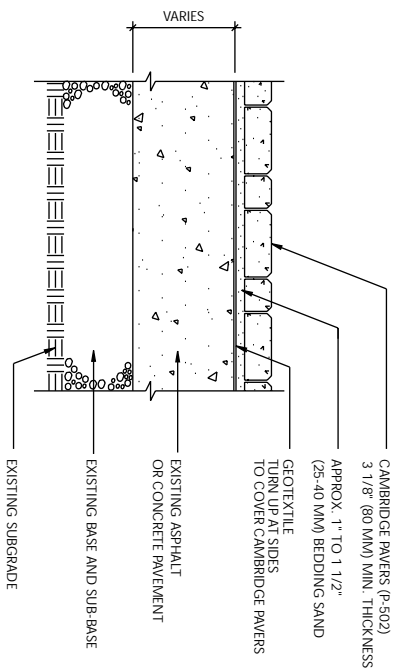
DRAWING NO. CAMBRIDGE-28



NOTE:
1. BASE, SUB-BASE, AND SUBGRADE THICKNESS VARY WITH LOADS, SOIL STRENGTH, AND CLIMATE.

AIRFIELD PAVEMENT WITH CEMENT TREATED OR ASPHALT BASE

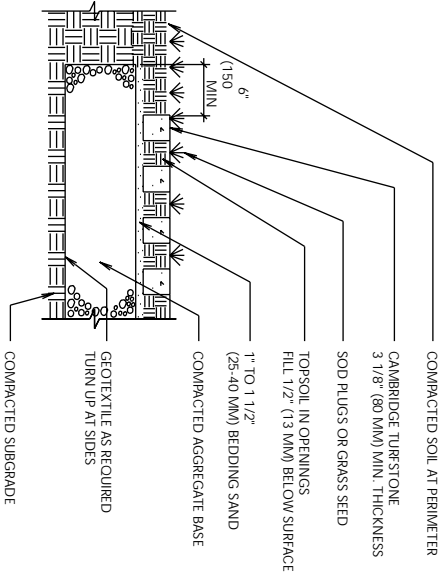
CAMBRIDGE-29



NOTE:
1. EXISTING ASPHALT OR CONCRETE PAVEMENT SHALL BE THOROUGHLY INSPECTED FOR AREAS IN NEED OF PATCHING OR REPAIRS AND FILL ALL CRACKS GREATER THAN 1/4" (7 MM) WIDE PRIOR TO PLACING GEOTEXTILE, SAND, AND CAMBRIDGE PAVERS.

AIRFIELD PAVEMENT ON EXISTING ASPHALT OR CONCRETE

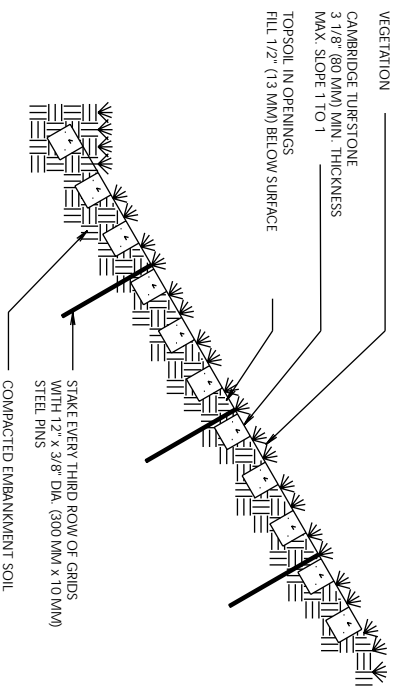
CAMBRIDGE-30



NOTES:
1. BASE THICKNESS VARIES WITH TRAFFIC, CLIMATE, AND SUBGRADE.
2. MINIMUM BASE THICKNESS: 6" (150 MM) RESIDENTIAL DRIVEWAYS, FIRELANES & PARKING LOTS.

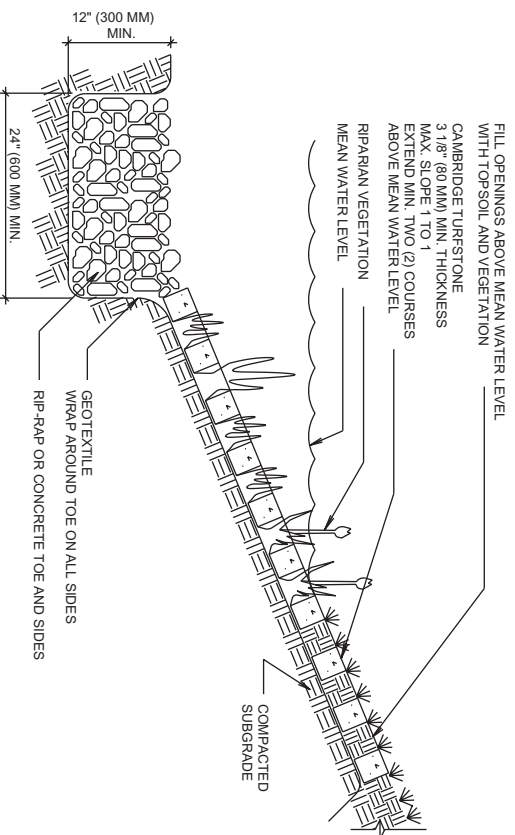
CAMBRIDGE TURFSTONE-FIRELANE, DRIVEWAY & INTERMITTENT PARKING

DRAWING NO.
CAMBRIDGE-31



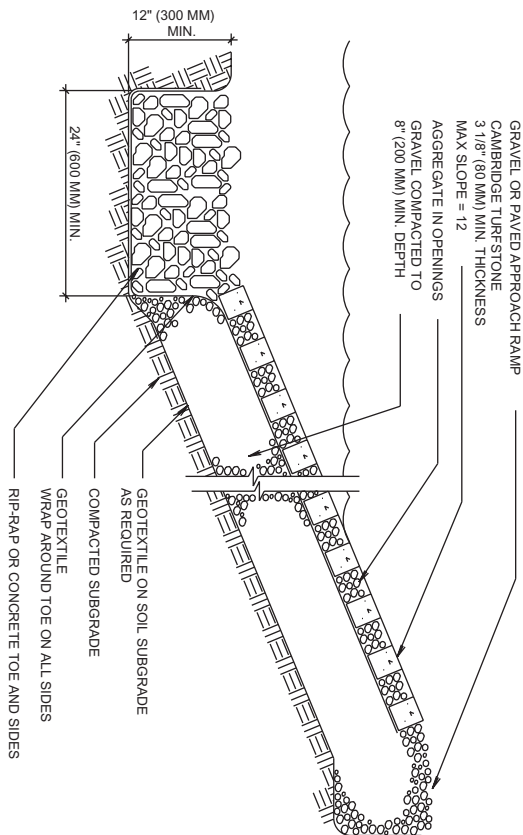
SLOPE PROTECTION CAMBRIDGE TURFSTONE

DRAWING NO.
CAMBRIDGE-32



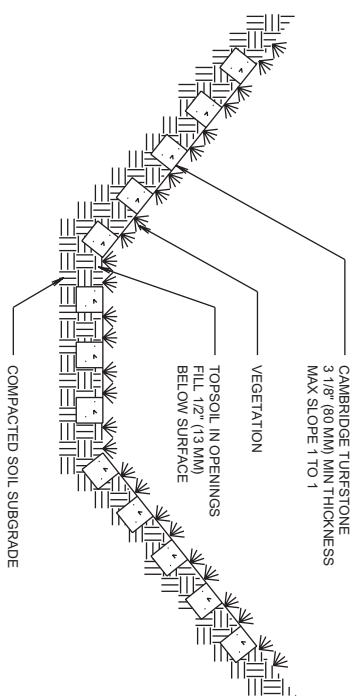
RIPARIAN STABILIZATION
CAMBRIDGE TURFSTONE FOR STREAM BANKS AND LAKESIDES

DRAWING NO.
CAMBRIDGE-33



BOAT RAMP
CAMBRIDGE TURFSTONE

DRAWING NO.
CAMBRIDGE-35



DITCH LINER FOR INTERMITTENT FLOWS - CAMBRIDGE TURFSTONE

DRAWING NO.
CAMBRIDGE-34

NOTE: 1. AGGREGATE MAY BE USED IN OPENINGS OF GRID PAVERS.

NOTE: ALL CROSS-SECTION DRAWINGS SHOWN ARE AVAILABLE ON CD-ROM.

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