

| PROJECT REFERENCE NO. | SHEET NO. |
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| U-5711                | 2C-3      |

STATE OF  
NORTH CAROLINA  
DEPT. OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH, N.C.

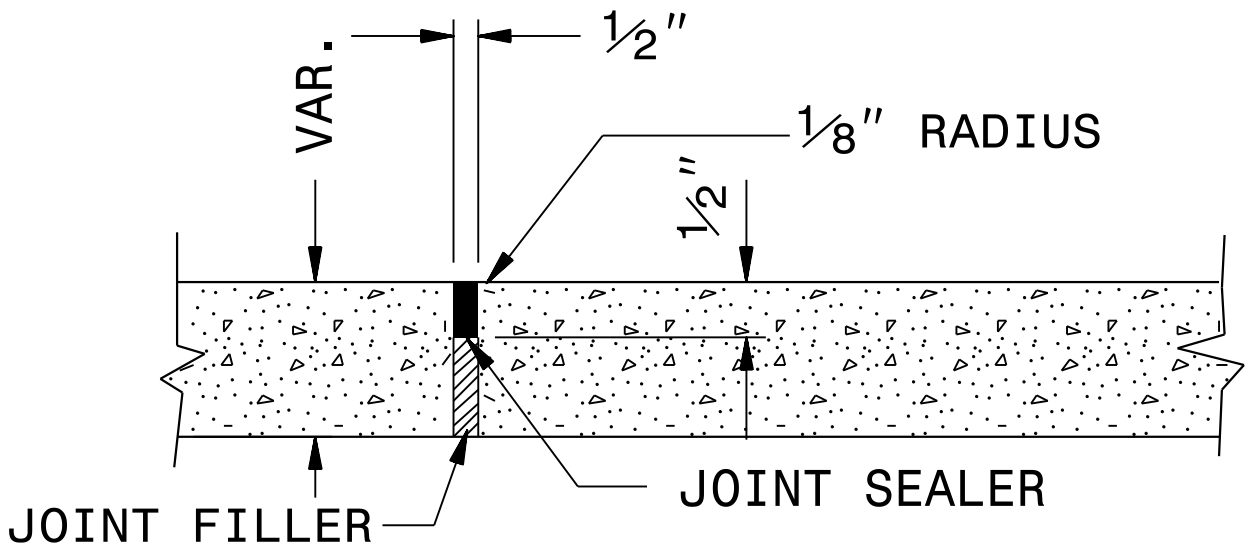
ENGLISH DETAIL DRAWING FOR  
**CONCRETE ISLANDS**  
**6" NON-MOUNTABLE**

SHEET 1 OF 1  
**852D01**

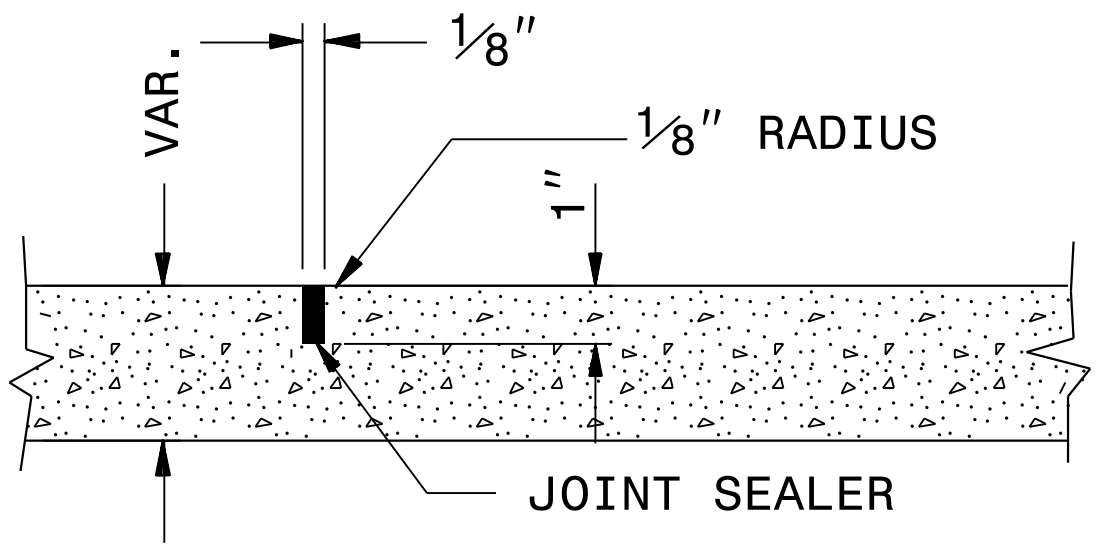
STATE OF  
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ENGLISH DETAIL DRAWING FOR  
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SHEET 1 OF 1  
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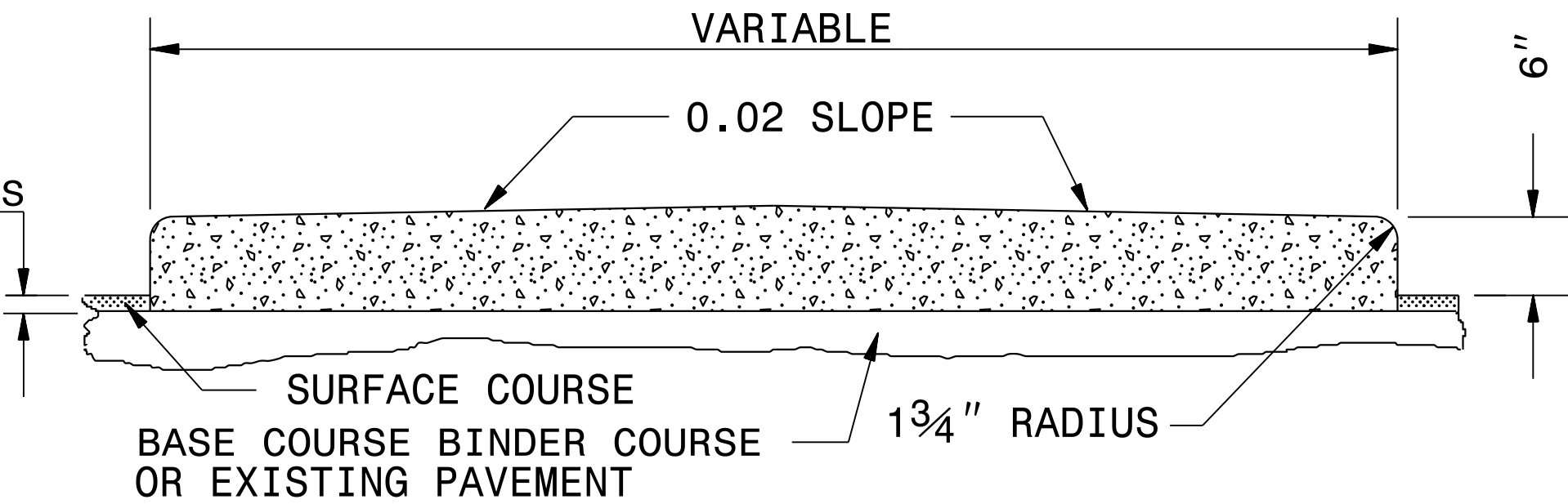
SHOWING EXPANSION JOINT



SHOWING GROOVED JOINT

PARTIAL LONGITUDINAL SECTIONS  
OF PAVED ISLANDS

SEE TYPICAL SECTIONS  
FOR PAVEMENT DEPTH.  
KEY IN ON THE  
LAST LAYER OF  
PAVEMENT SURFACE  
COURSE



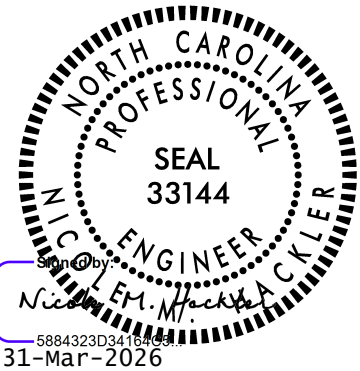
6" MONOLITHIC CONCRETE ISLAND (KEYED IN)  
ON ASPHALT OR CONCRETE PAVEMENT

NOTE:

WHEN MONOLITHIC CONCRETE ISLAND IS ON TOP OF SURFACE COURSE, DRIVE 40d SPIKES INTO SURFACE UNDER MONOLITHIC CONCRETE ISLAND. STAGGER SPIKES ON 2' CENTERS EACH WAY.

IN THE CONCRETE PAVEMENT (ISLAND) AND CONCRETE ISLAND (MONOLITHIC) PLACE 1/2" EXPANSION JOINTS AT 30' INTERVALS AND GROOVED JOINTS 1" DEEP AT 10' INTERVALS BETWEEN EXPANSION JOINTS.

LINE UP THE JOINTS IN THE CONCRETE PAVEMENT (ISLAND) WITH THE JOINTS IN THE CURB OR CURB AND GUTTER. FILL AND SEAL THE TOP 1/2" OF THE EXPANSION JOINTS AND THE ENTIRE DEPTH OF GROOVED JOINTS WITH JOINT SEALER.



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| CONTRACT STANDARDS<br>AND DEVELOPMENT UNIT     |                  |
|------------------------------------------------|------------------|
| Office 919-707-6950                            | FAX 919-250-4119 |
| SEE PLATE FOR TITLE                            |                  |
| ORIGINAL BY: STD.852.01                        | DATE: _____      |
| MODIFIED BY: K.A.Kempf                         | DATE: 1-31-08    |
| CHECKED BY: _____                              | DATE: _____      |
| FILE SPEC.: w:tspell1/stand/852d01is1keyin.dgn |                  |