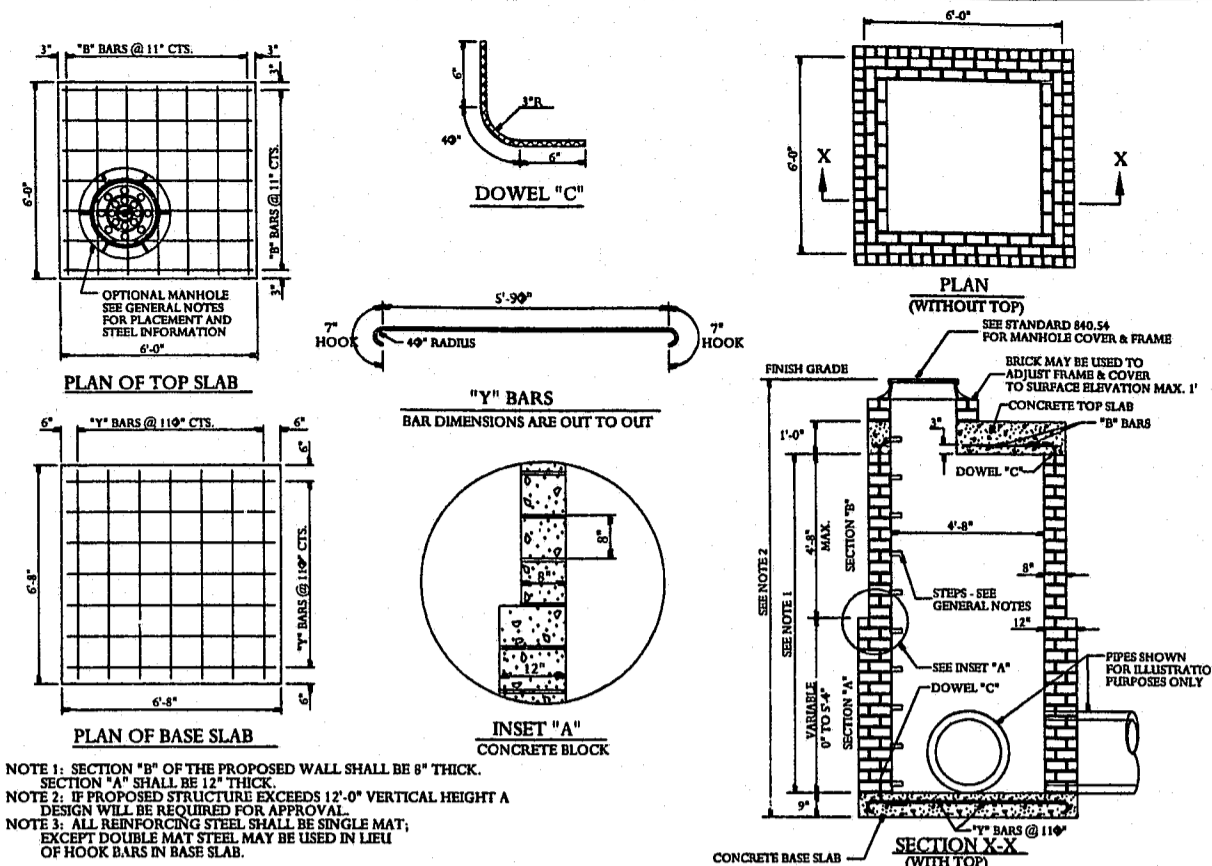


STATE OF NORTH CAROLINA  
DEPT. OF TRANSPORTATION  
RALEIGH, N.C.

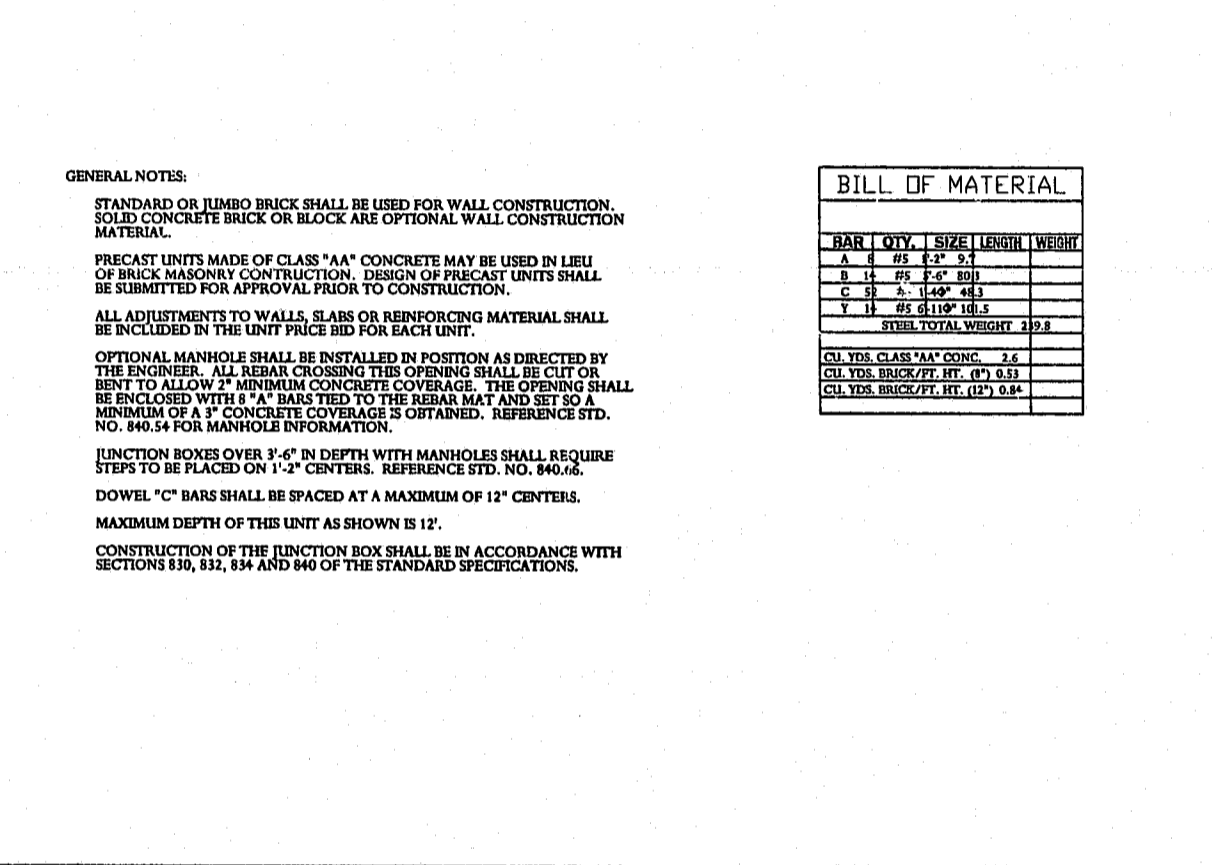
ENGLISH STANDARD DRAWING FOR  
TRAFFIC BEARING JUNCTION BOX  
FOR USE WITH PIPES 36" AND UNDER



NOTE 1: SECTION 'Y-Y' OF THE PROPOSED WALL SHALL BE 8" THICK.  
SECTION 'A-A' SHALL BE 12" THICK.  
NOTE 2: IF PROPOSED STRUCTURE EXCEEDS 12'-0" VERTICAL HEIGHT A DESIGN WILL BE REQUIRED FOR APPROVAL.  
NOTE 3: ALL REINFORCING STEEL SHALL BE SINGLE MAT, EXCEPT DOUBLE MAT STEEL MAY BE USED IN LIEU OF HOOK BARS IN BASE SLAB.

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

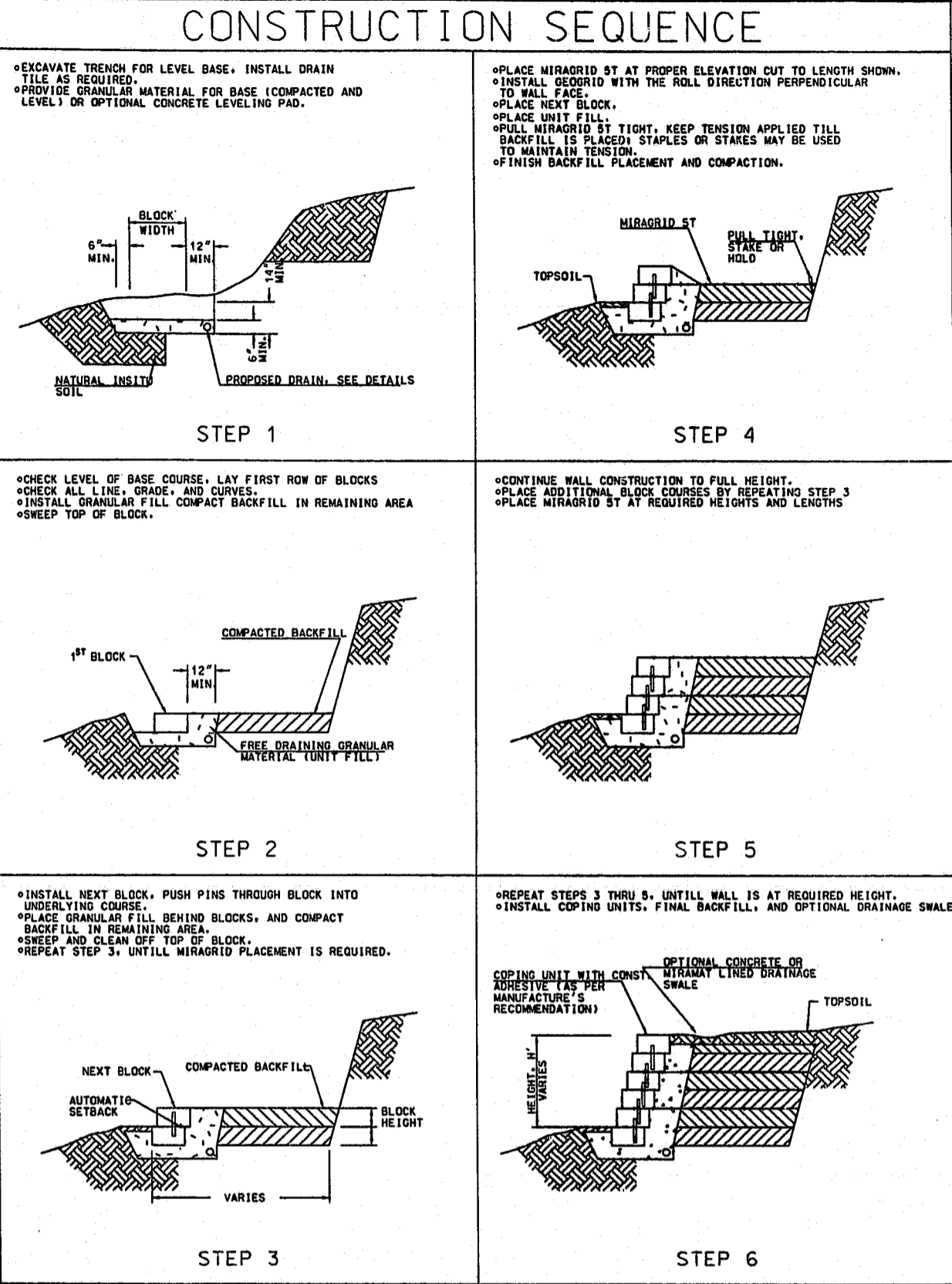
ENGLISH STANDARD DRAWING FOR  
TRAFFIC BEARING JUNCTION BOX  
FOR USE WITH PIPES 36" AND UNDER



GENERAL NOTES:  
STANDARD OR TUMBO BRICK SHALL BE USED FOR WALL CONSTRUCTION. SOLID CONCRETE BRICK OR BLOCK ARE OPTIONAL WALL CONSTRUCTION MATERIAL.  
PRECAST UNITS MADE OF CLASS 'A' CONCRETE MAY BE USED IN LIEU OF BRICK MASONRY CONSTRUCTION. DESIGN OF PRECAST UNITS SHALL BE SUBMITTED FOR APPROVAL PRIOR TO CONSTRUCTION.  
ALL ADJUSTMENTS TO WALLS, SLABS OR REINFORCING MATERIAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR EACH UNIT.  
OPTIONAL MANHOLE SHALL BE INSTALLED IN POSITION AS DIRECTED BY THE ENGINEER. ALL REBAR CROSSING THIS OPENING SHALL BE CUT OR BENT TO ALLOW 2" MINIMUM CONCRETE COVERAGE. THE OPENING SHALL BE ENCLOSED WITH #4 BARS TIED TO THE REBAR MAT AND SET TO A MINIMUM OF A 3" CONCRETE COVERAGE IS OBTAINED. REFERENCE STD. NO. 840.54 FOR MANHOLE INFORMATION.  
JUNCTION BOXES OVER 3'-6" IN DEPTH WITH MANHOLES SHALL REQUIRE STEPS TO BE PLACED ON 1'-2" CENTERS. REFERENCE STD. NO. 840.66.  
DOWEL 'C' BARS SHALL BE SPACED AT A MAXIMUM OF 12" CENTERS. MAXIMUM DEPTH OF THIS UNIT AS SHOWN IS 12".  
CONSTRUCTION OF THE JUNCTION BOX SHALL BE IN ACCORDANCE WITH SECTIONS 830, 832, 834 AND 840 OF THE STANDARD SPECIFICATIONS.

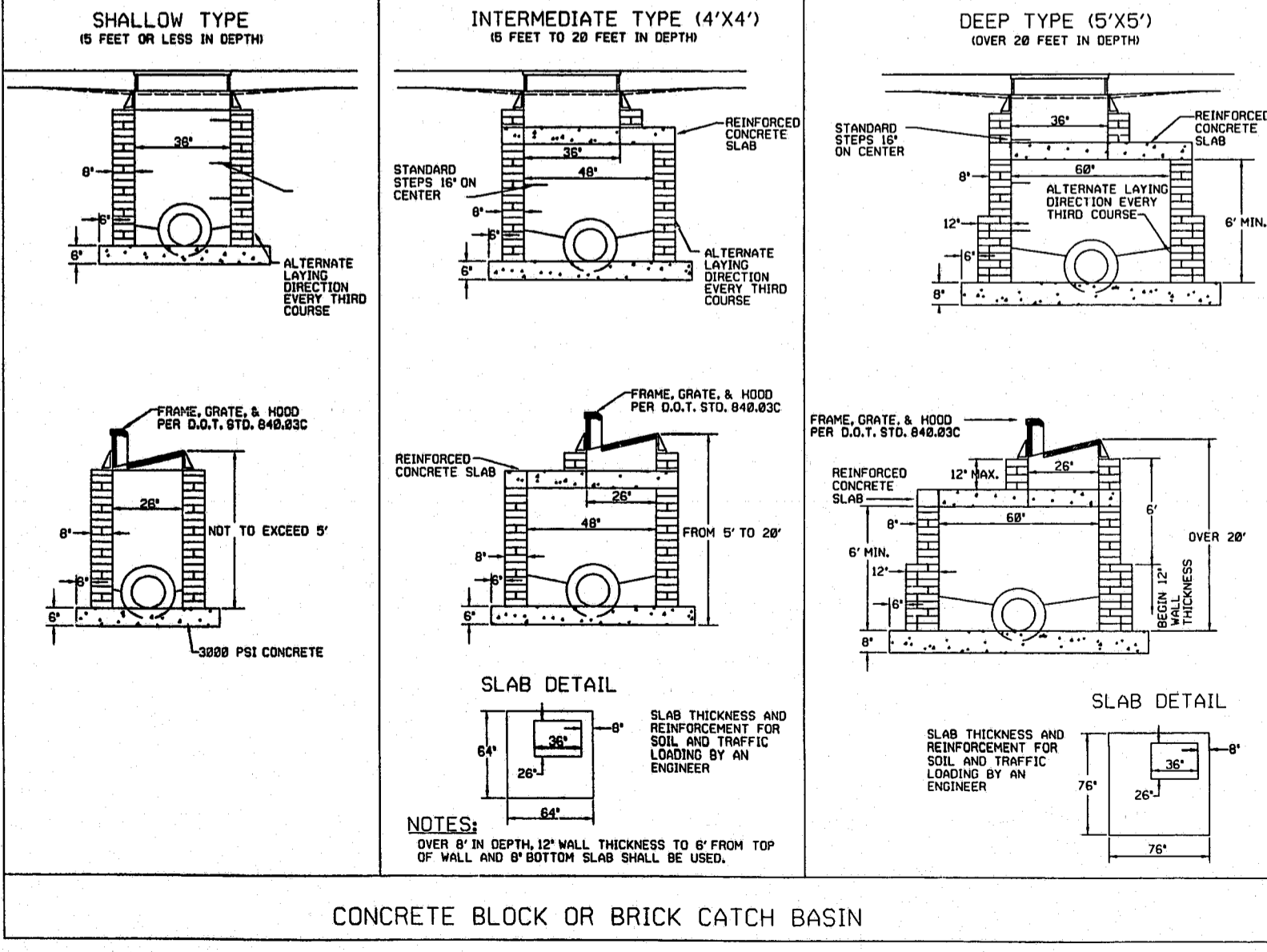
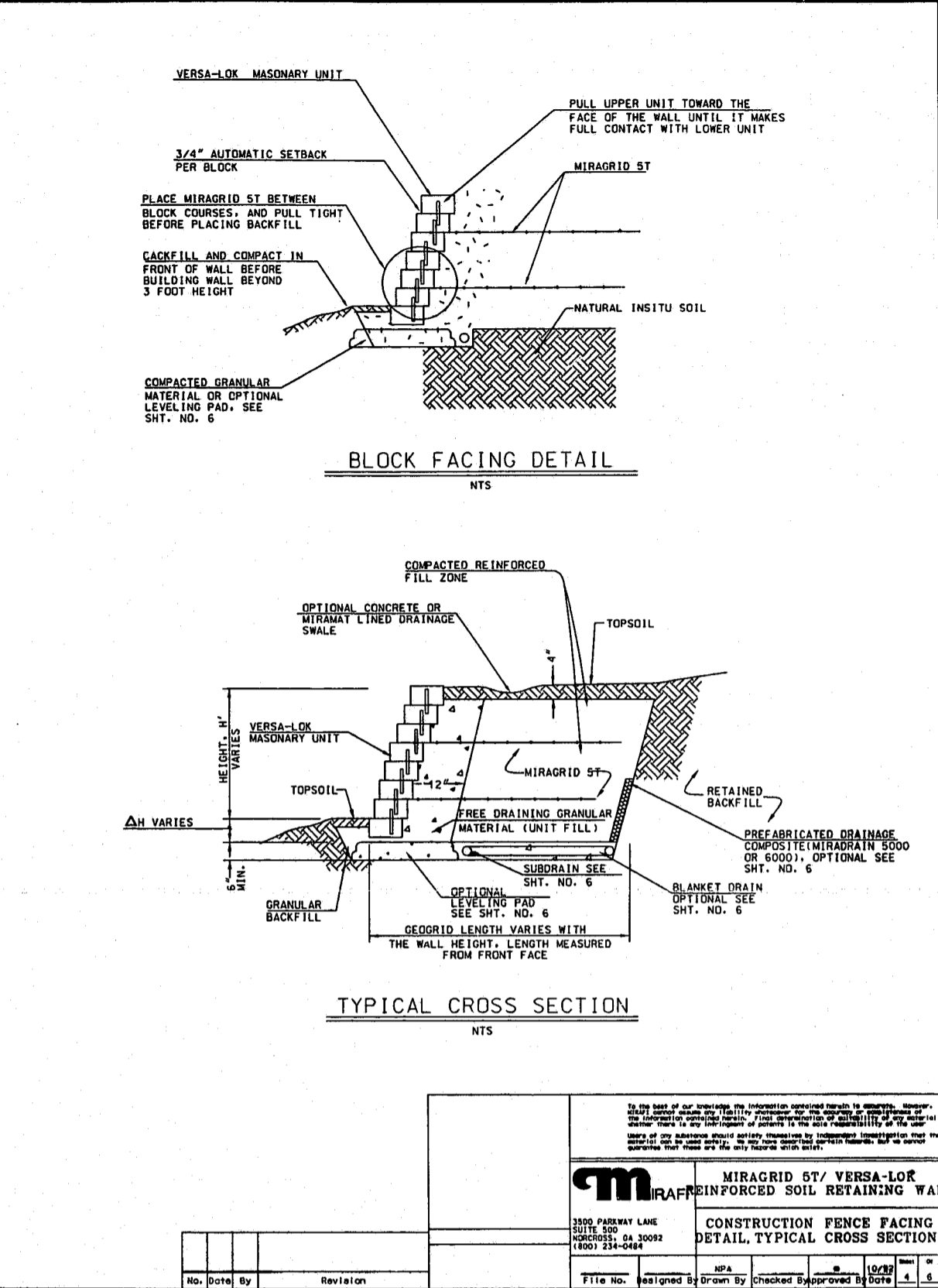
STATE OF NORTH CAROLINA  
DEPT. OF TRANSPORTATION  
RALEIGH, N.C.

ENGLISH STANDARD DRAWING FOR  
TRAFFIC BEARING JUNCTION BOX  
FOR USE WITH PIPES 36" AND UNDER



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

ENGLISH STANDARD DRAWING FOR  
TRAFFIC BEARING JUNCTION BOX  
FOR USE WITH PIPES 36" AND UNDER



APPROVED  
10/10/2000  
10/10/2000

79-SP-261  
10/10/2000

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

**BNK**

BASS, NIXON & KENNEDY, INC., CONSULTING ENGINEERS  
7416 CHAPEL HILL ROAD, RALEIGH, NORTH CAROLINA 27607  
TELEPHONE: (919)851-4422, FAX: (919)851-8968

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

ENGLISH STANDARD DRAWING FOR  
TRAFFIC BEARING JUNCTION BOX  
FOR USE WITH PIPES 36" AND UNDER

94488000 7/10/00 L-JONES

JOB NO. DATE DRAWN BY 1 8-25-00/ADDED DET. S DATE REVISIONS

NO. DATE BY REVISION

3300 PARKWAY LAKE  
RALEIGH, NC 27609  
(919) 234-0848

MIRAGRIDS ST/ VERSA-LOR  
REINFORCED SOIL RETAINING WALL  
CONSTRUCTION FENCE FACING  
DETAIL, TYPICAL CROSS SECTION

SCALE: AS SHOWN

PRESTONWOOD COUNTRY CLUB  
TENNIS COURTS  
CARY/MORRISVILLE WAKE COUNTY NORTH CAROLINA

SHEET 6 OF 6