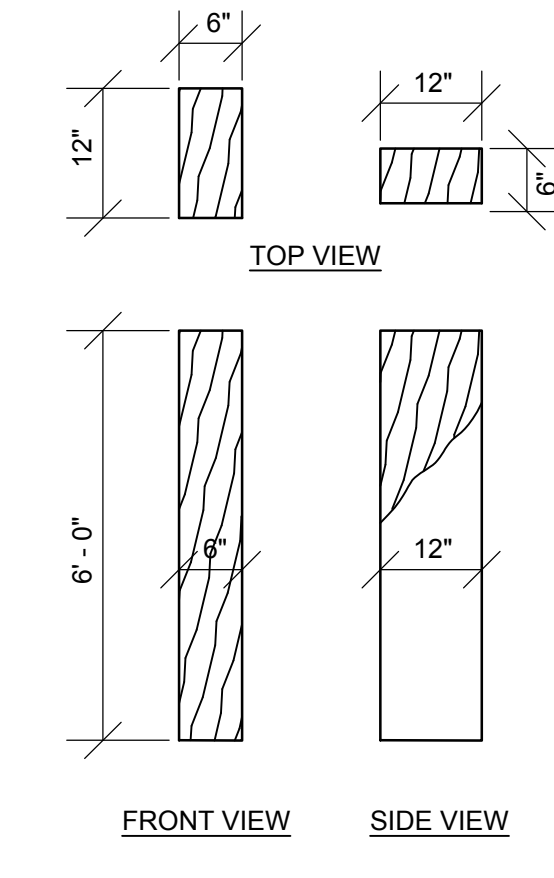
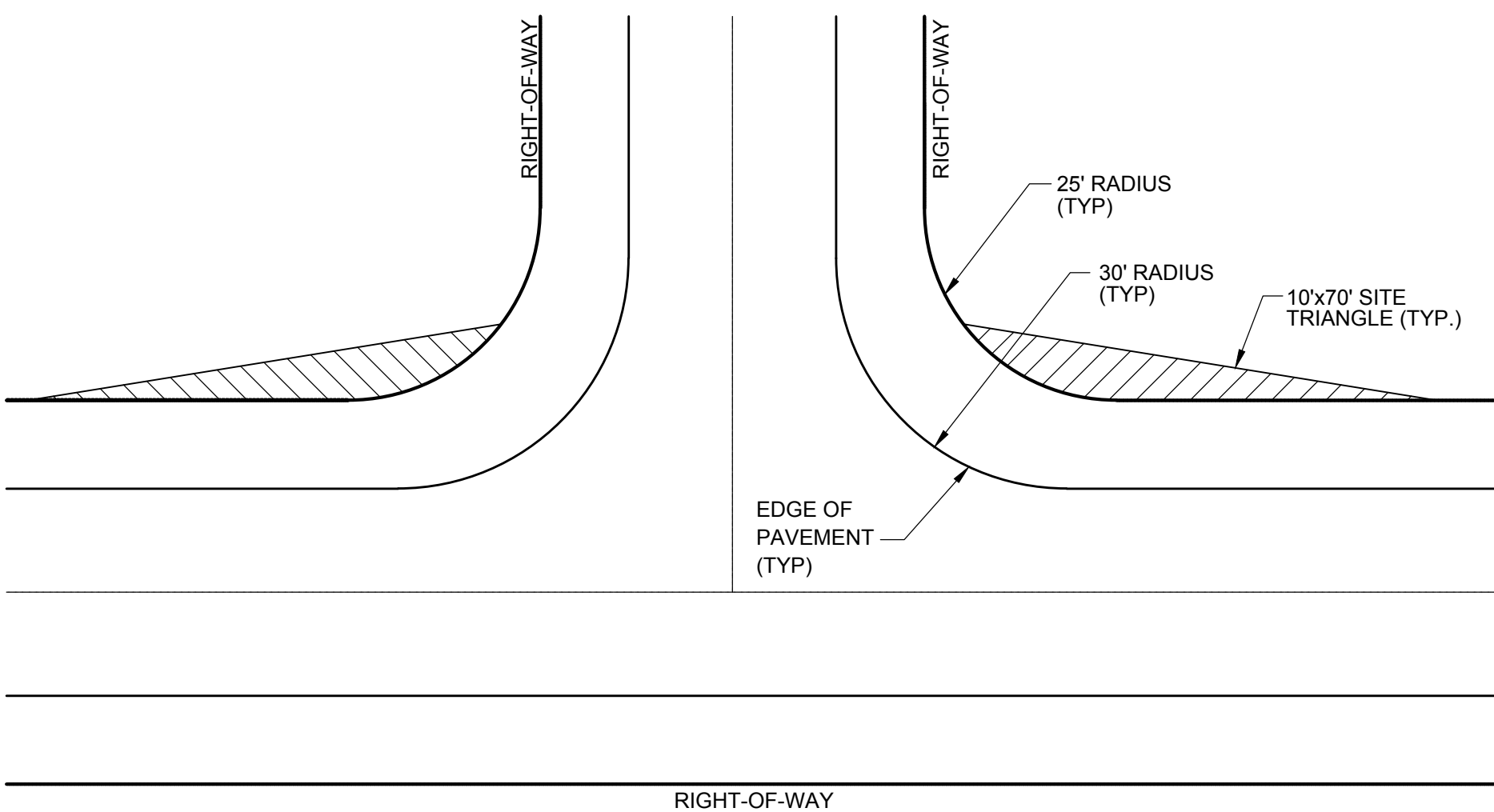


- GENERAL CONSTRUCTION NOTES**
- EXISTING UNDERGROUND STRUCTURES AND UTILITIES SHOWN ARE BASED ON FIELD SURVEYS AND BEST AVAILABLE RECORD DRAWINGS. THE CONTRACTOR SHALL FIELD VERIFY CONDITIONS, INCLUDING THE HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES, PRIOR TO STARTING CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
 - THE CONTRACTOR SHALL CONTACT NORTH CAROLINA ONE CALL AT 1-800-632-4949. THE CONTRACTOR SHALL CALL AT LEAST 48 HOURS PRIOR TO ANY DIGGING.
 - ALL WATER UTILITY CONSTRUCTION SHALL CONFORM TO THE CHATHAM COUNTY STANDARDS AND SPECIFICATIONS.
 - THE SUBJECT PROPERTY IS LOCATED IN A FLOOD HAZARD AREA PER FEMA FIRM PANEL 9755, MAP NUMBER 370299 J, DATED 02/02/07, & FEMA FIRM PANEL 9746, MAP NUMBER 370299 J, DATED 02/02/07.
 - ALL WATER MAINS SHALL HAVE A MINIMUM OF 3.0' OF COVER AS MEASURED FROM FINISHED GRADE AT THE LOCATION WHERE INSTALLED.
 - ALL WATER MAINS UNDER STORM DRAINAGE PIPING SHALL BE CONSTRUCTED WITH ONE (1) JOINT OF DUCTILE IRON PIPE CENTERED ON THE STORM PIPE CROSSING. ALL WATER AND STORM DRAINAGE CROSSINGS SHALL HAVE 18" MIN. SEPARATION.
 - INSTREAM WORK SHALL BE PROHIBITED FROM MARCH 15 THROUGH JUNE 30 TO MINIMIZE IMPACTS TO SPAWNING FISH.
 - TOPOGRAPHIC INFORMATION PROVIDED BY CE GROUP, INC. RALEIGH, NC. PROFILE DATA FROM FIELD SURVEY BACKGROUND TOPOGRAPHY FROM AERIAL MAPPING.
 - DISTURBANCE IS LIMITED TO NO MORE THAN 15 AC OF GRADUAL SLOPED LAND AT ANY ONE TIME (0 - 14.9% SLOPE).
 - DISTURBANCE IS LIMITED TO NO MORE THAN 10 AC OF MODERATELY SLOPED LAND AT ANY ONE TIME (15 - 24.9% SLOPE).



GENERAL NOTES:

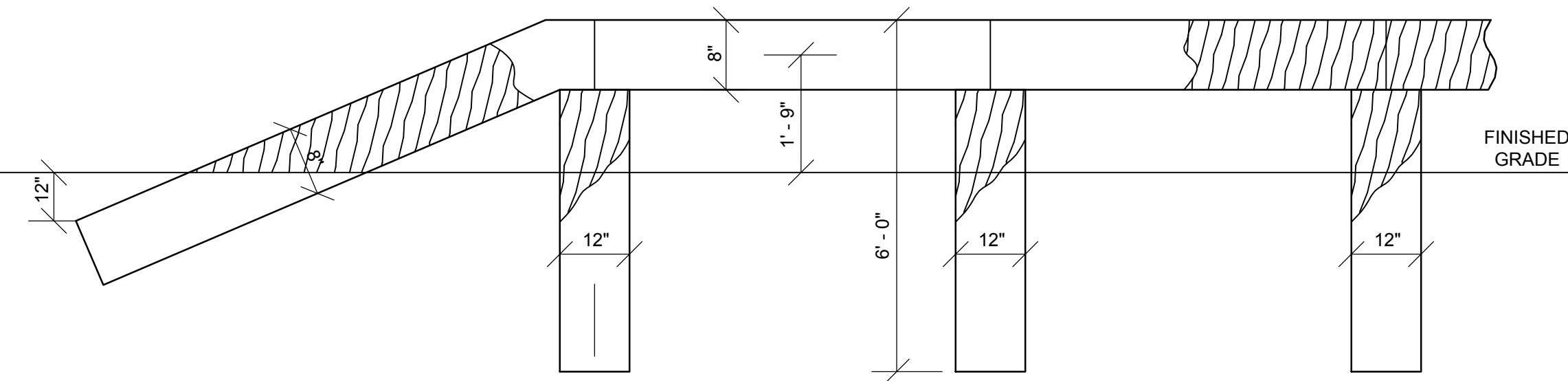
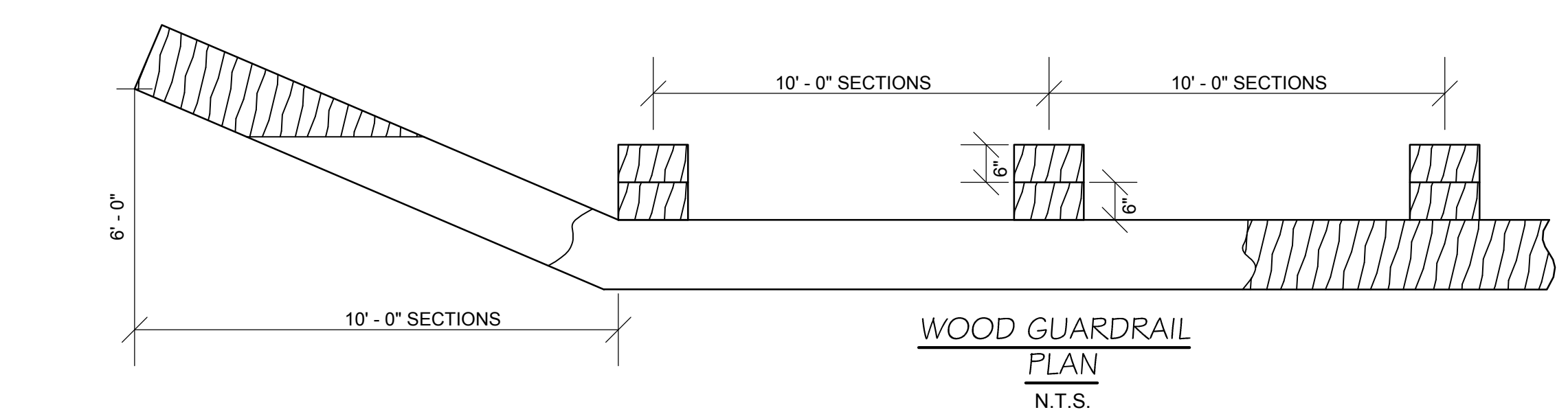
PROPOSED TREATED GUARDRAIL POST, OFFSET BLOCKS, AND GUARDRAIL SHALL BE CONSTRUCTED IN ACCORDANCE WITH DETAILS SHOWN ON THE PLANS.

ALL WOOD MEMBERS SHALL BE TREATED AND GRADED IN ACCORDANCE WITH CURRENT GRADING GUIDELINES OF THE INSPECTION BUREAU. GRADE MARKED LUMBER WILL NOT BE REQUIRED. ALL TREATED MEMBERS WILL BE INSPECTED BY THE ENGINEER.

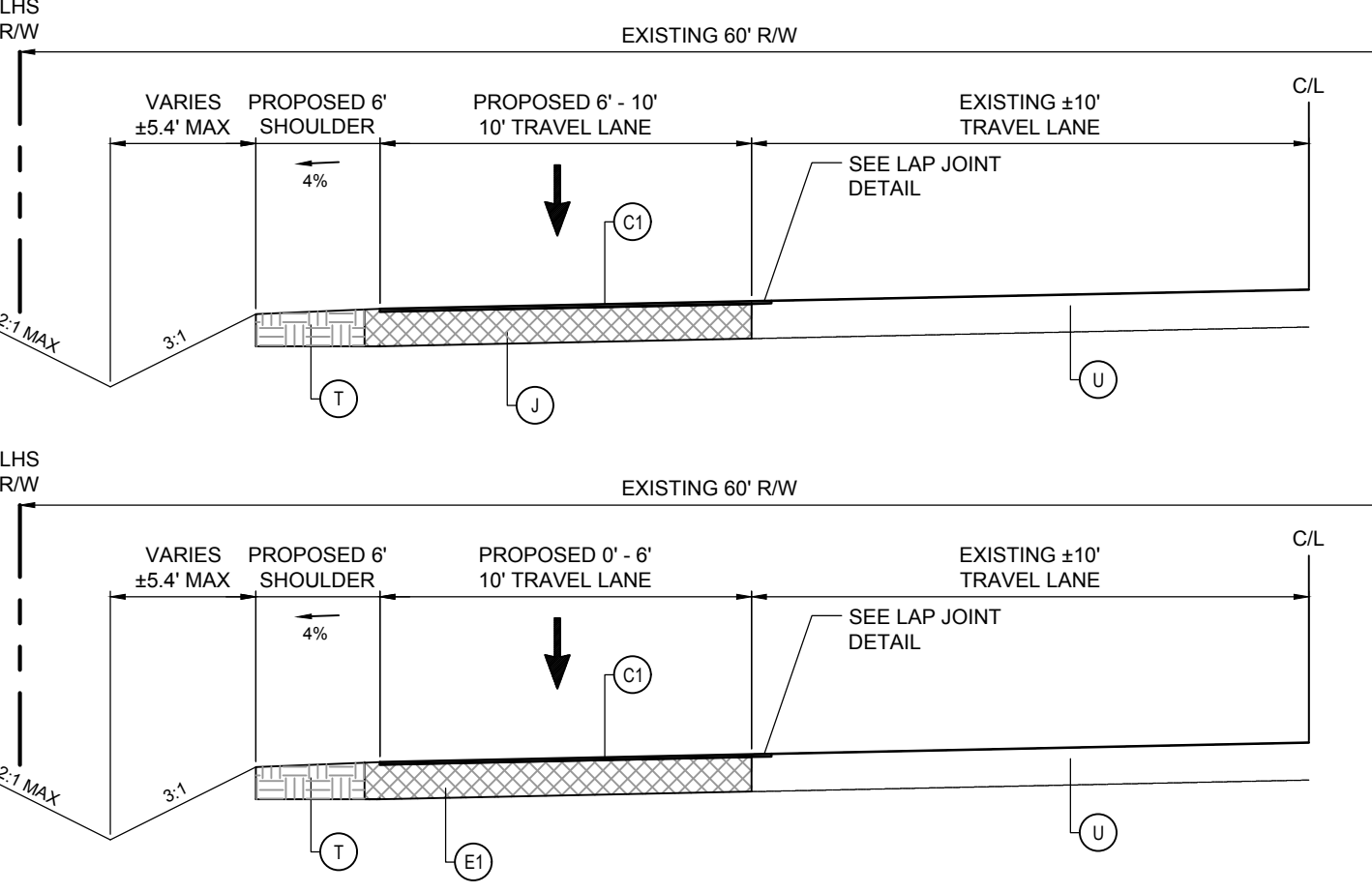
BOLTS SHALL BE CONSTRUCTED AS SHOWN ON DETAILS. ALL BOLTS, WASHERS, AND NUTS SHALL CONFORM TO AASHTO M-180.

HOLES FOR BOLTS SHALL BE FIELD DRILLED AT THEIR CORRECT LOCATIONS AND IN A MANNER THAT ENSURES PERFECT ALIGNMENT OF HOLES. HOLES SHALL BE DRILLED AT A TOLERANCE OF 1/16" MAX. OVER BOLT SIZE.

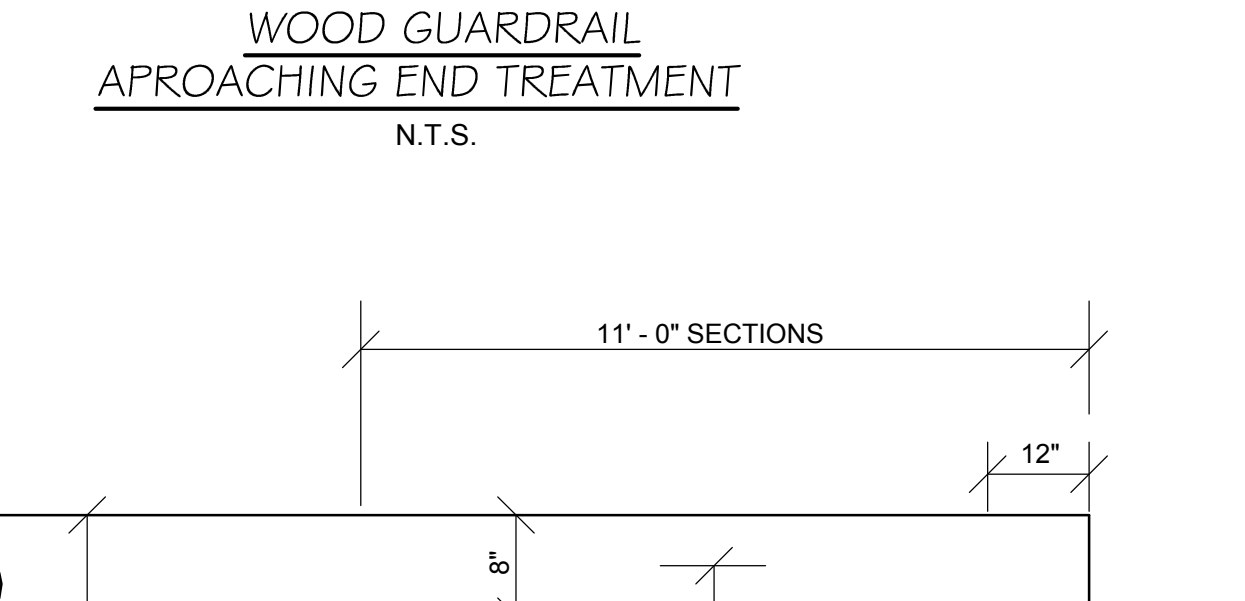
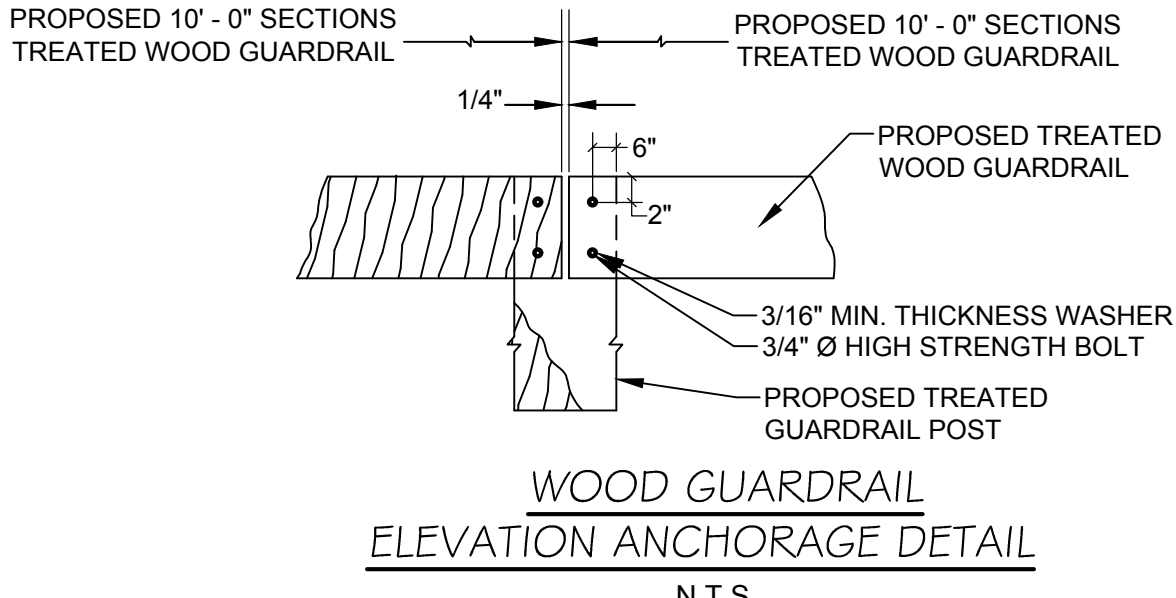
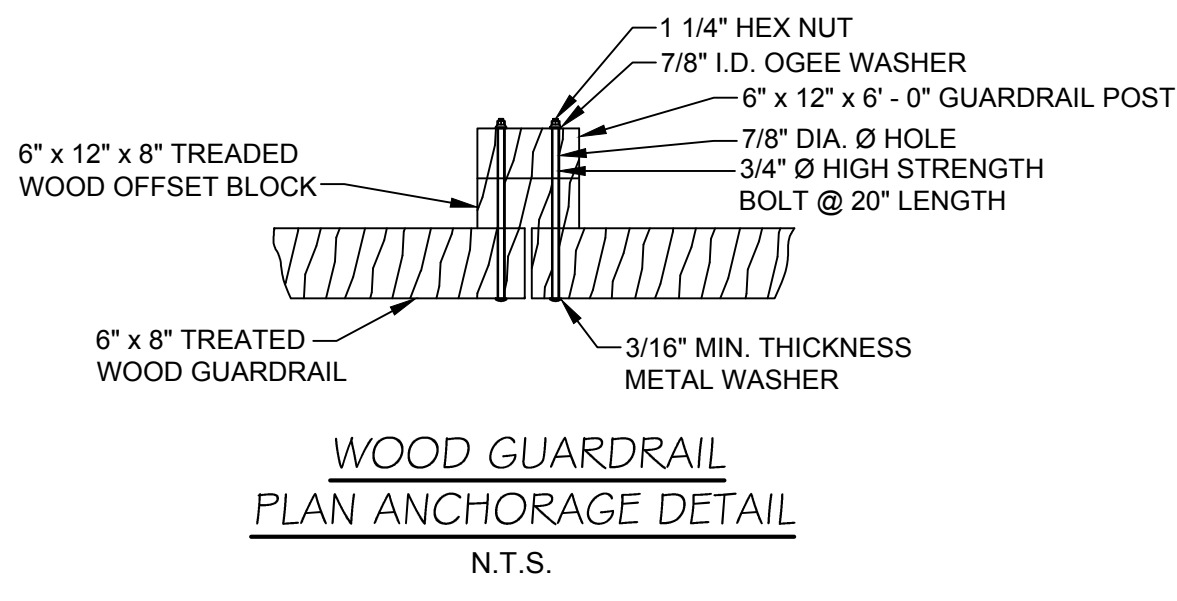
ALL WORKMANSHIP SHALL BE OF ACCEPTABLE QUALITY AND APPROVED BY THE ENGINEER.



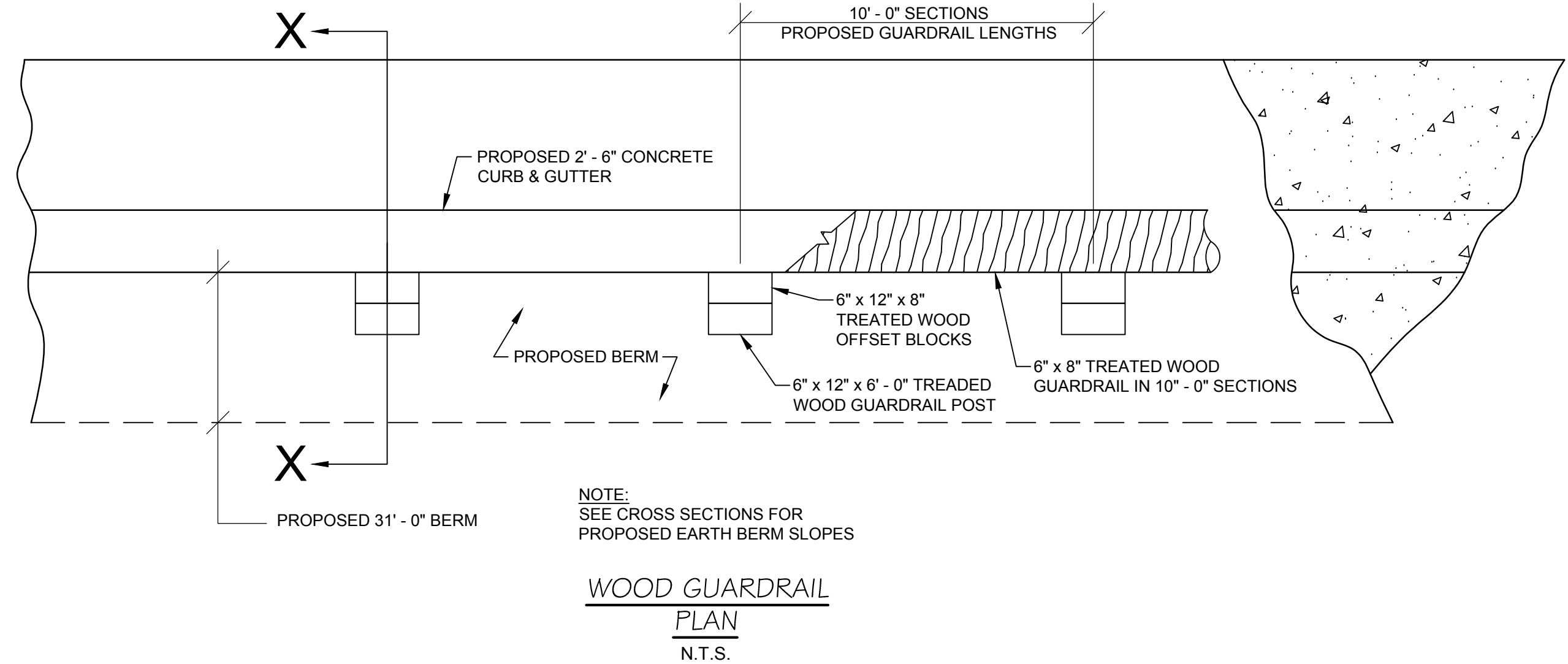
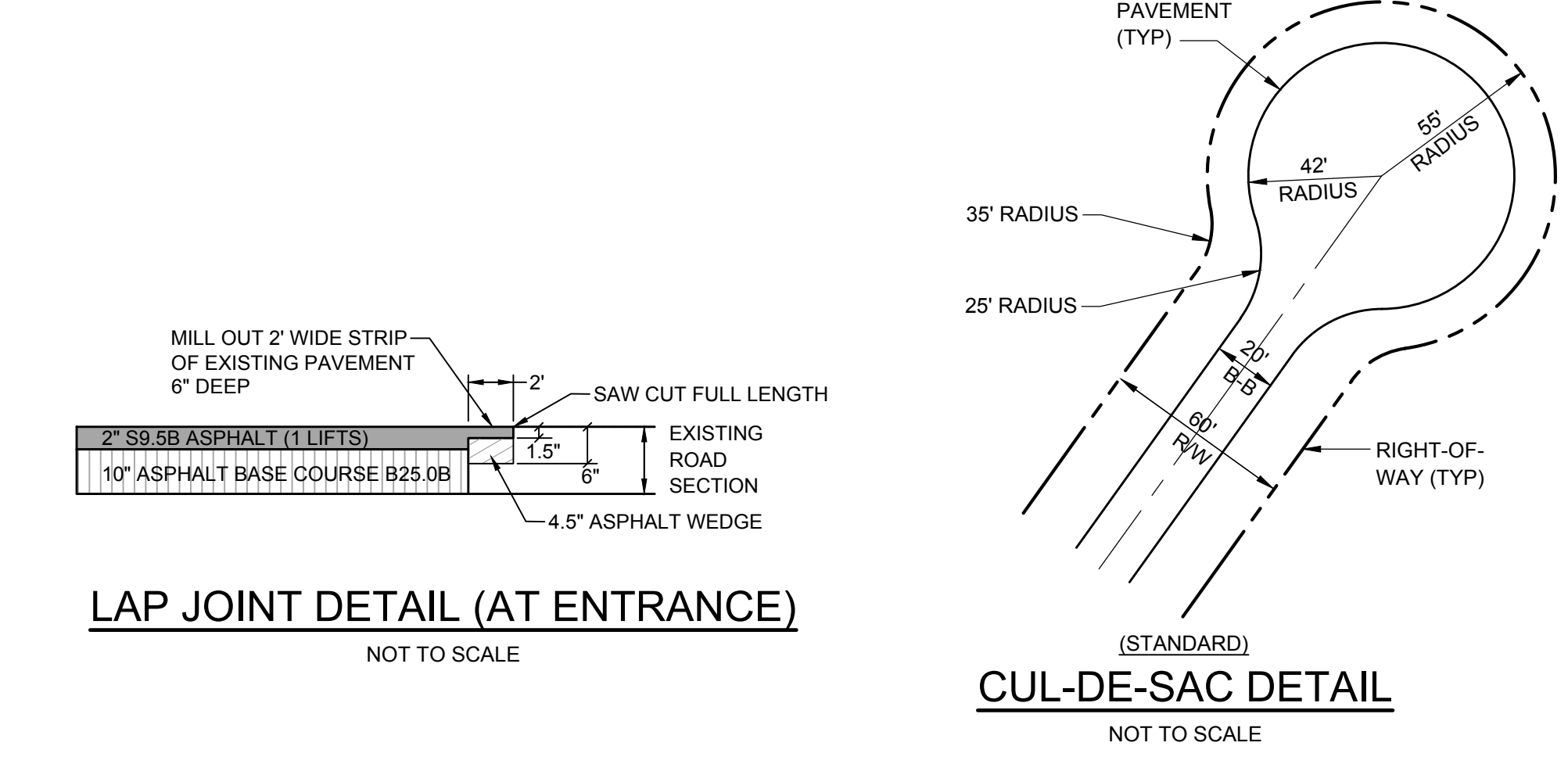
TYPICAL INTERSECTION DETAIL
NOT TO SCALE



- PAVEMENT SCHEDULE**
- (C) 2" SF9.5B SURFACE COURSE OVERLAY AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
 - (E) 10" B25.0B BASE COURSE AT AN AVERAGE RATE OF 570 LBS PER SQ. YD.
 - (J) 10" AGGREGATE BASE COURSE
 - (T) COMPACTED EARTH MATERIAL
 - (U) EXISTING PAVEMENT SECTION



**TYPICAL OFFSITE ROAD
WIDENING SECTION**
NOT TO SCALE



NOTE:
SEE CROSS SECTIONS FOR
PROPOSED EARTH BERM SLOPES



FINAL DESIGN
NOT RELEASED
FOR CONSTRUCTION

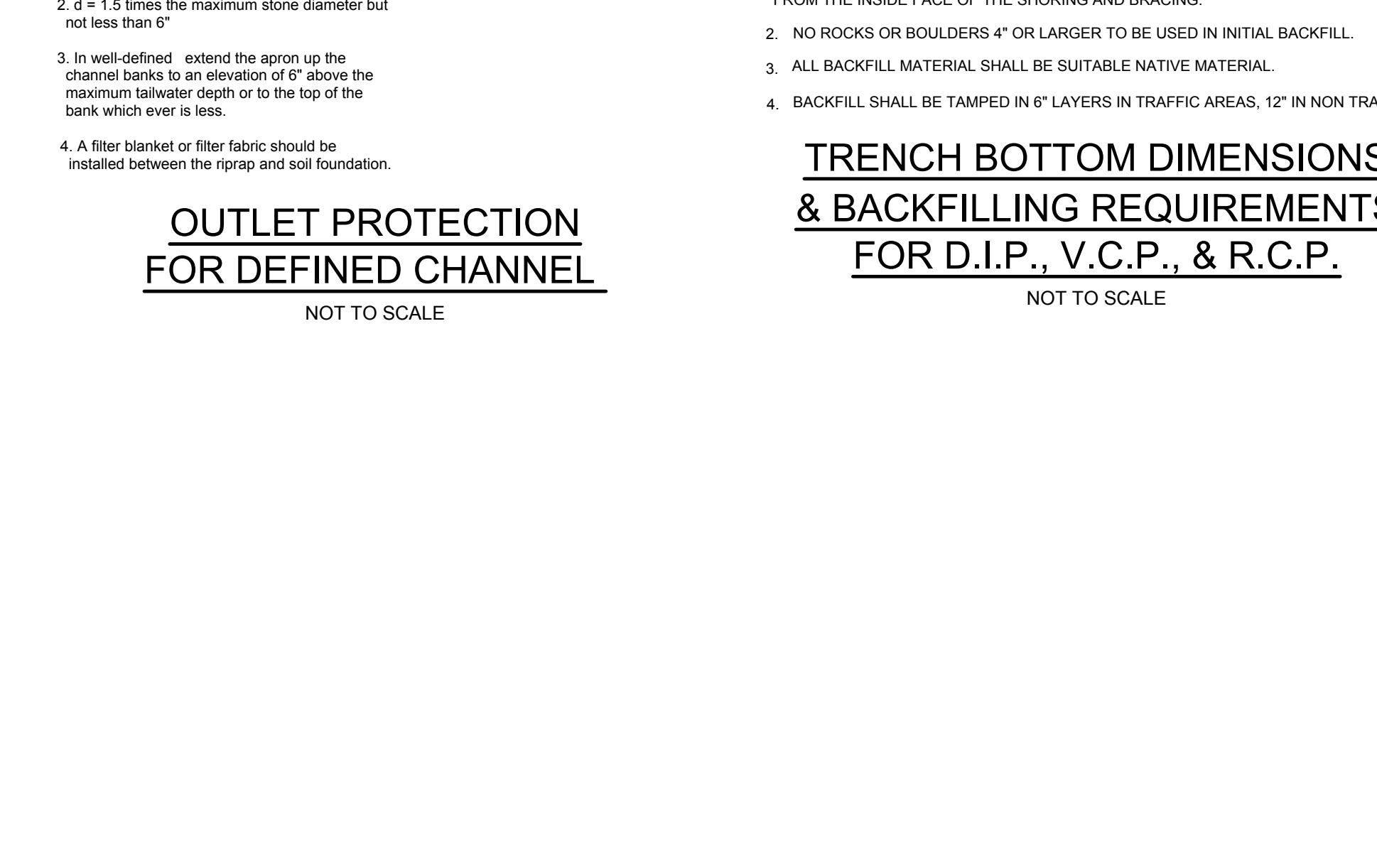
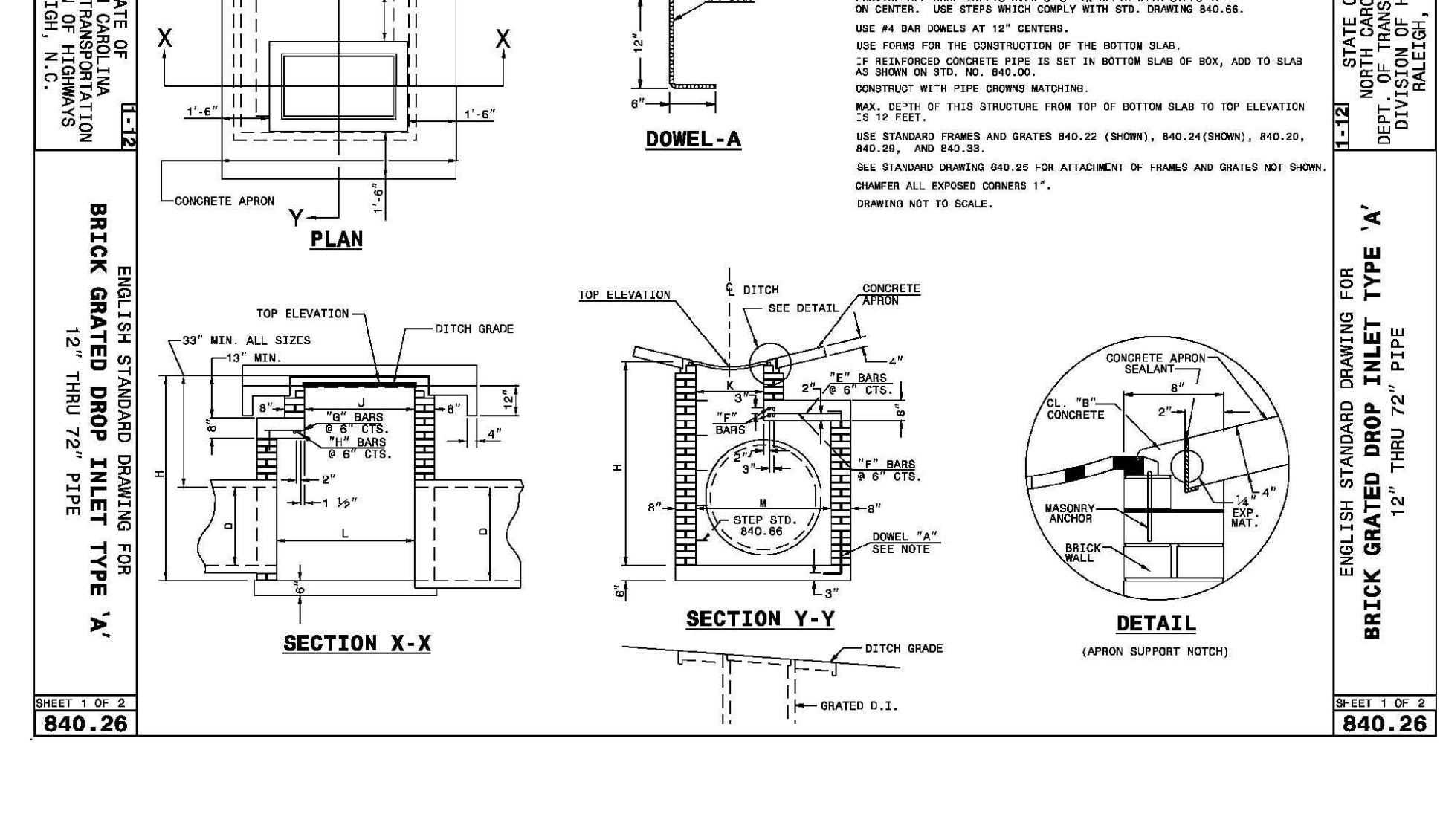
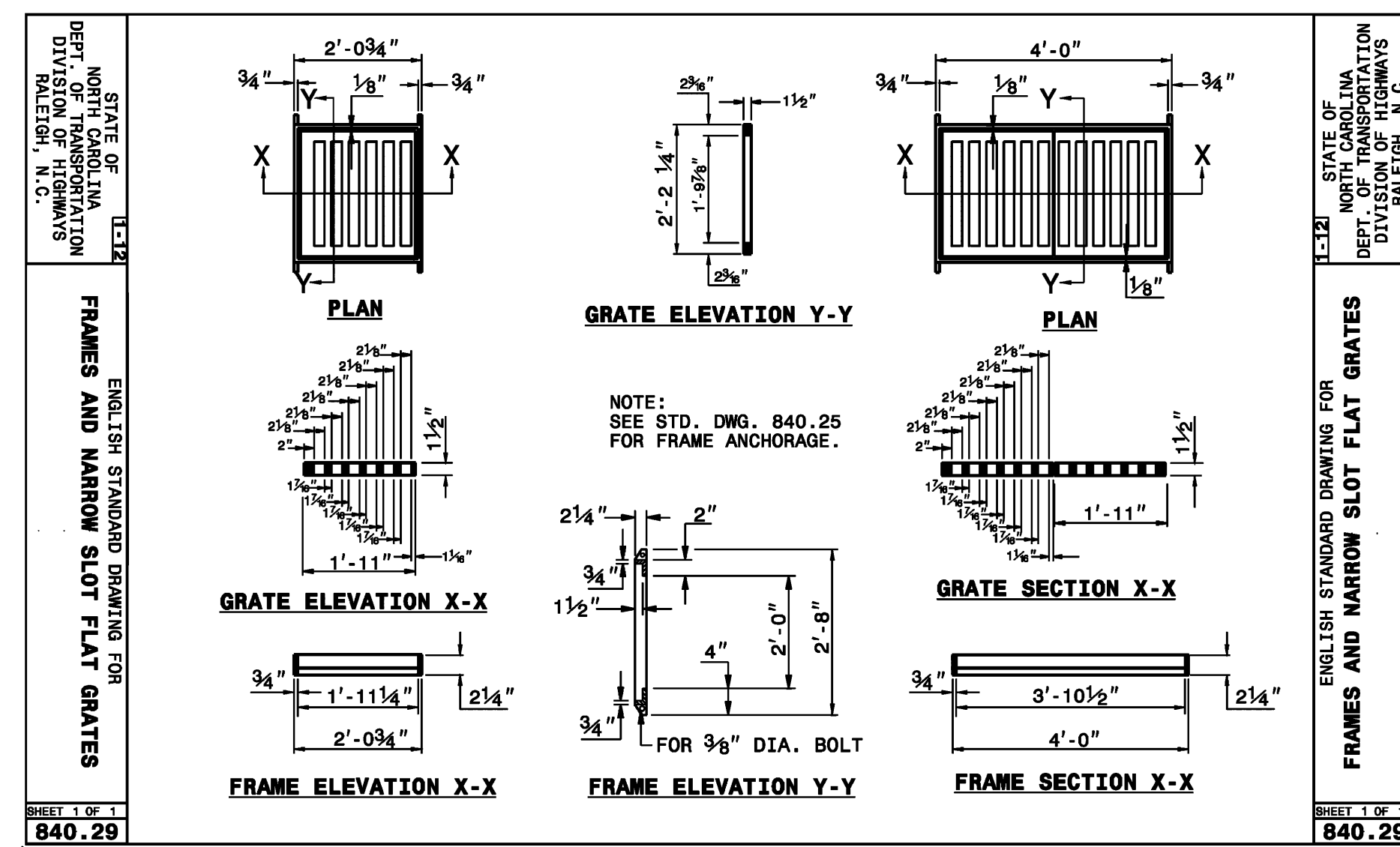
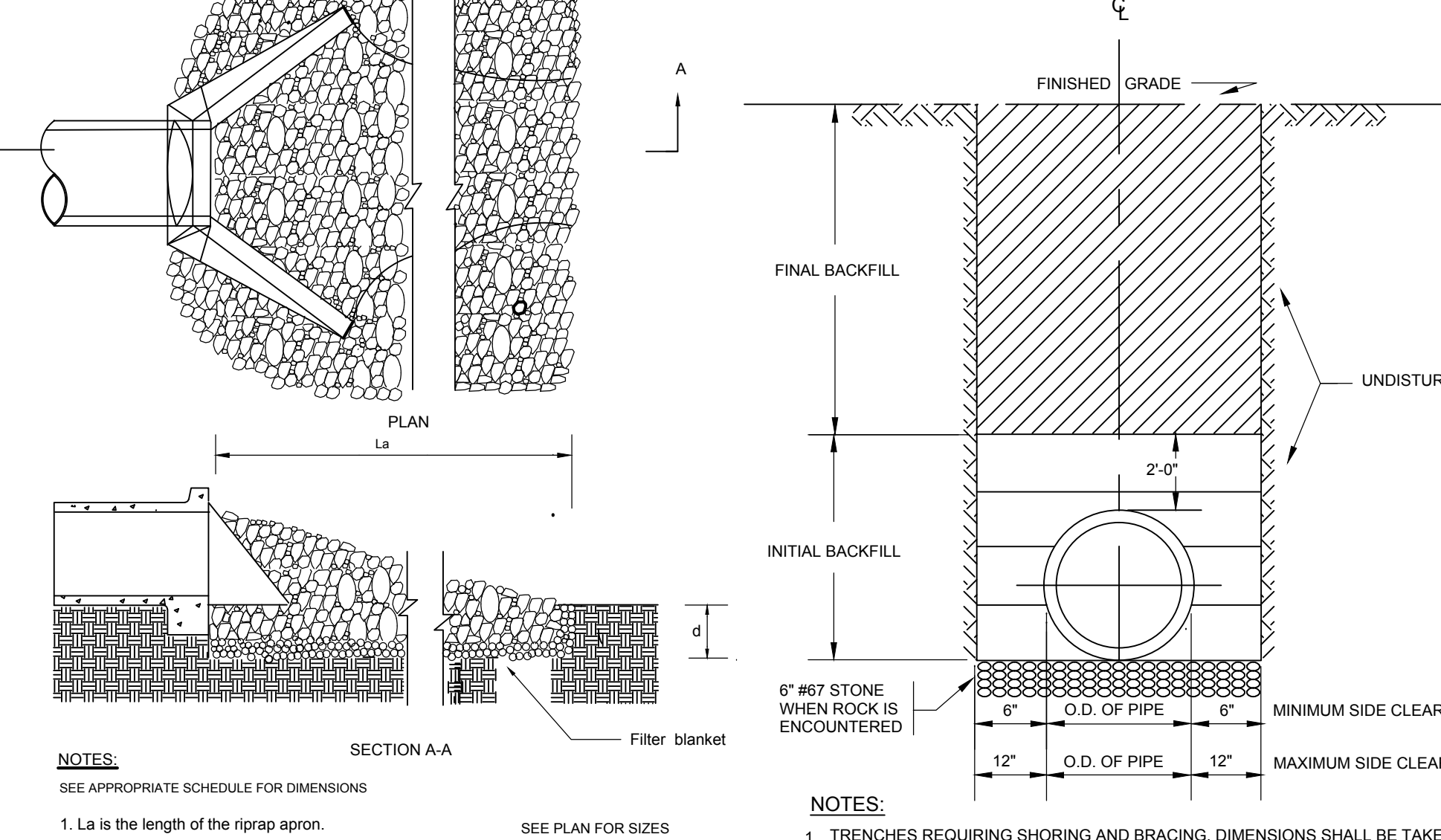
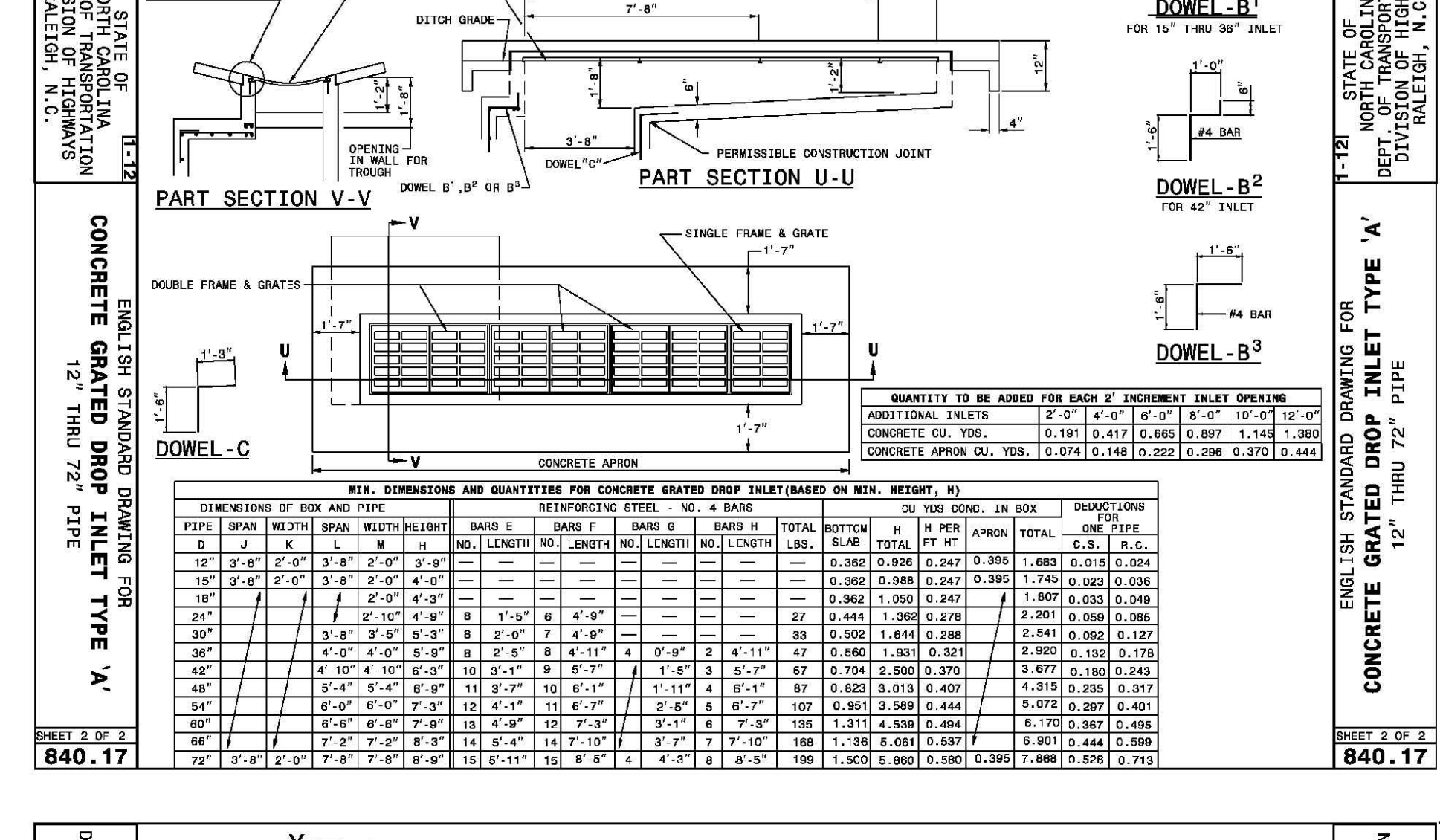
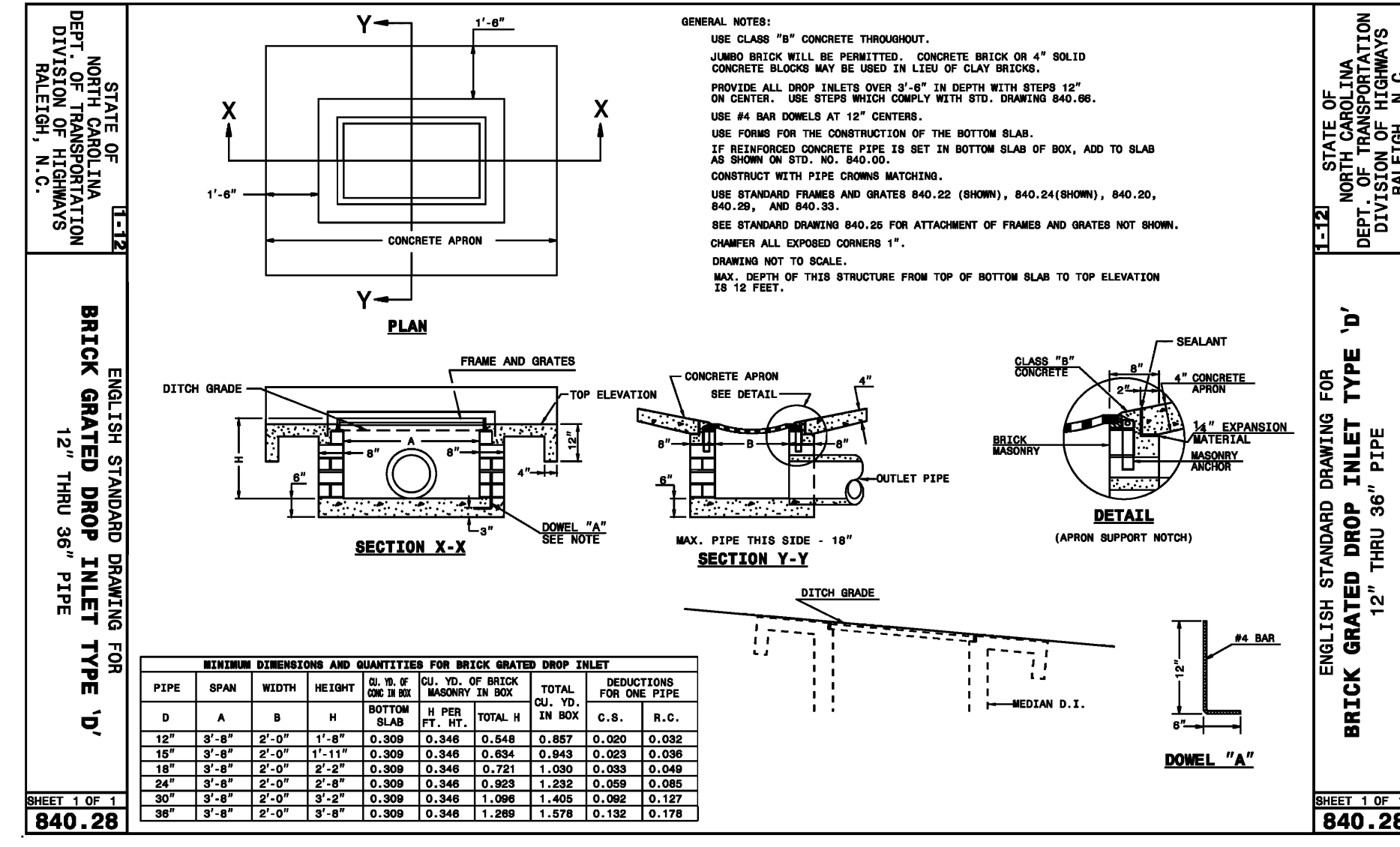
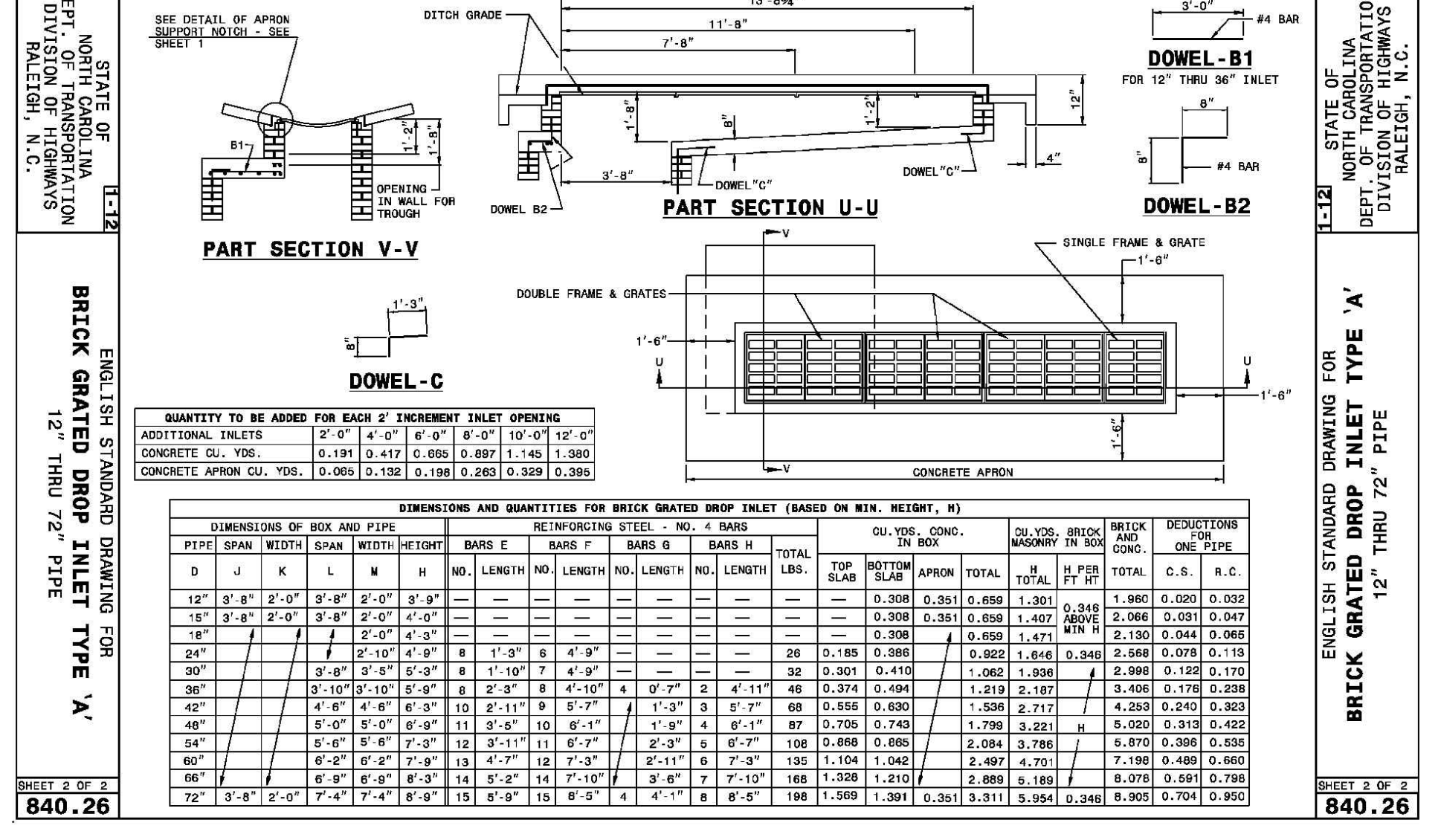
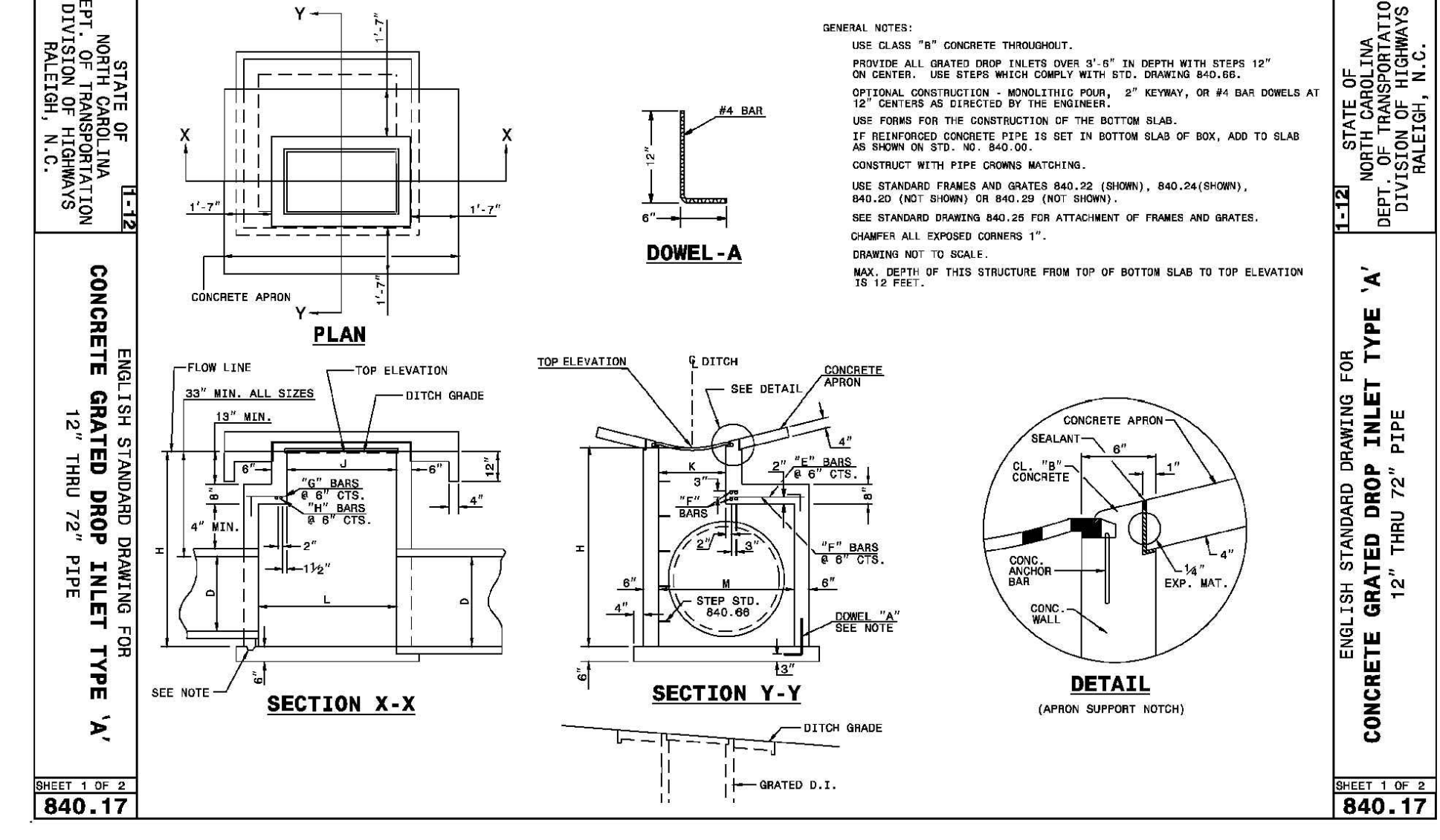
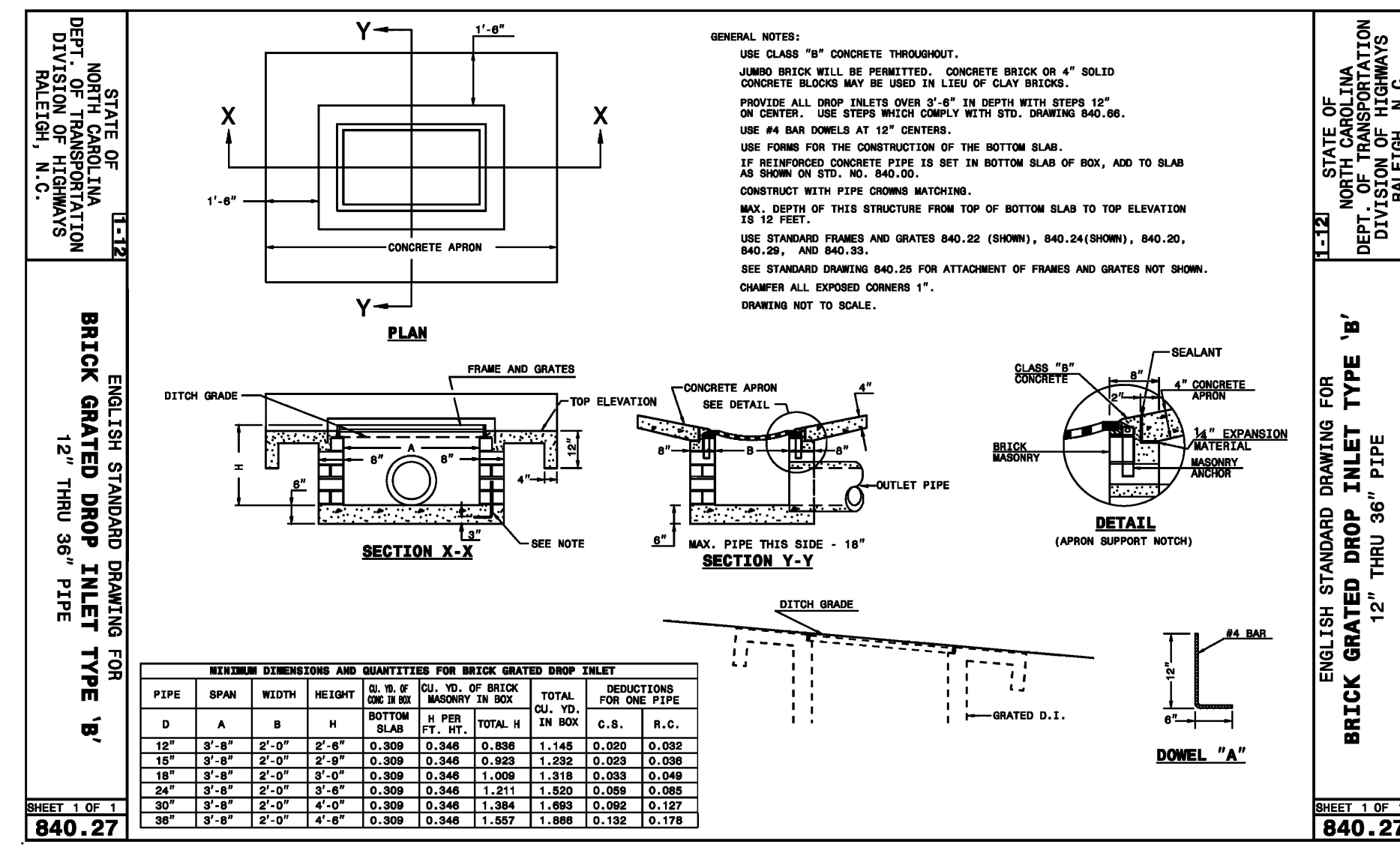
NO.	REVISIONS	DATE

CE GROUP
301 GLENWOOD AVE. 220
RALEIGH, NC 27603
PHONE: 919-367-8790
FAX: 919-322-0032
www.cegroupinc.com
License # C-1739



STONECREST AT NORWOOD SUBDIVISION
CONSTRUCTION DRAWINGS
ROADWAY DETAILS
CHATHAM COUNTY, NC

Date:	May 2017
Scale:	N/A
Drawn:	JPD
Checked:	MFA
Project No.:	127-209
Computer Dwg. Name:	127-209 roadway details



STOP!
BEFORE YOU DIG CALL
THE NC ONE CALL CENTER
1-800-632-4949
IT'S THE LAW!

FINAL DESIGN
NOT RELEASED
FOR CONSTRUCTION

TRENCH BOTTOM DIMENSIONS & BACKFILLING REQUIREMENTS FOR D.I.P., V.C.P., & R.C.P.

NOT TO SCALE

DATE: May 2017
SCALE: N/A
DRAWN: JPD
CHECKED: MPA
PROJECT NO: 127-209
COMPUTER Dwg. NAME: 127-209 storm details
SHEET NO: 21
OF 25

NO.	REVISIONS	DATE

CE GROUP

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RALEIGH, NC 27603
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FAX: 919-322-0032

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SEAL

NORTH CAROLINA
18894

STONECREST AT NORWOOD SUBDIVISION
CONSTRUCTION DRAWINGS
STORM DETAILS

CHATHAM COUNTY, NC