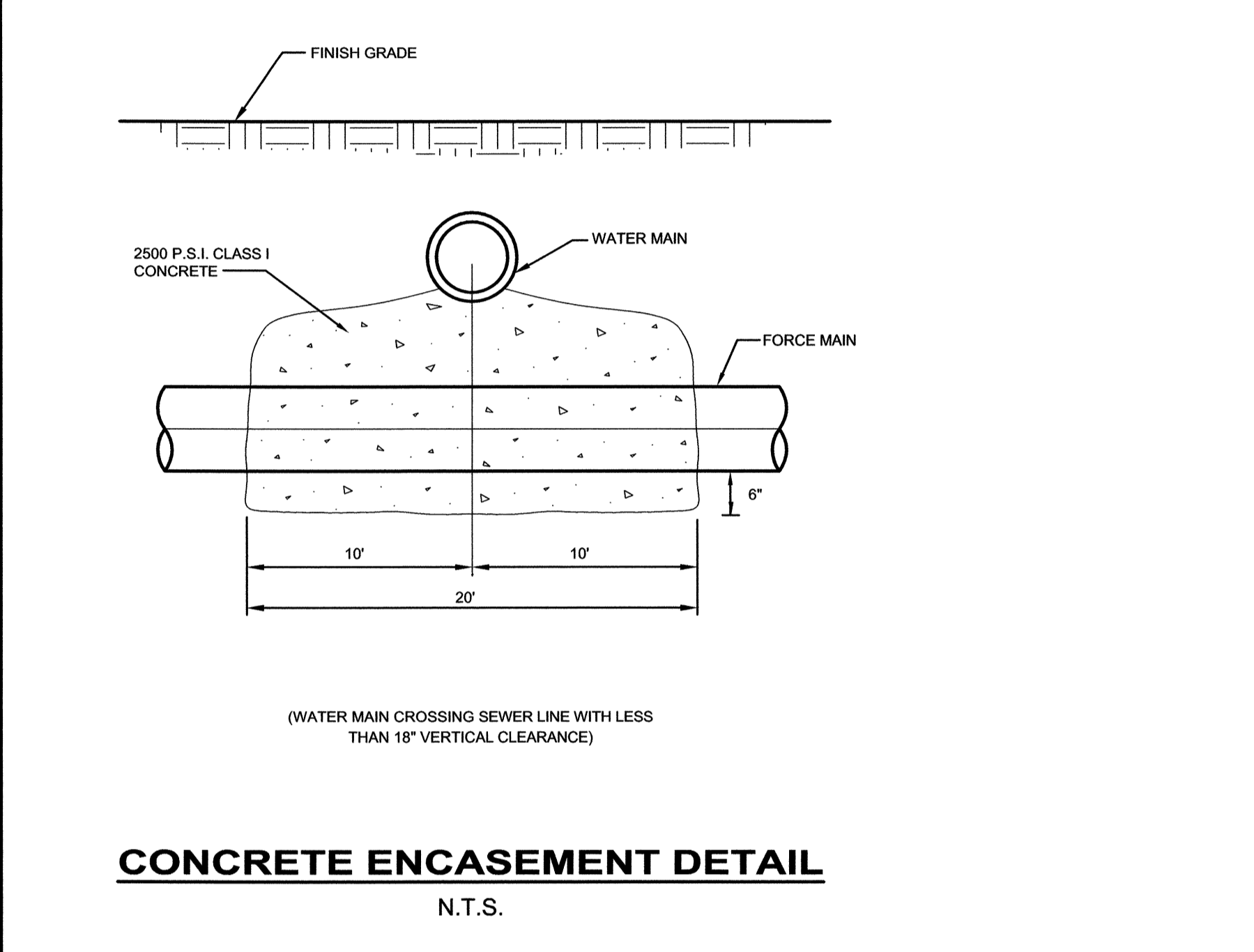
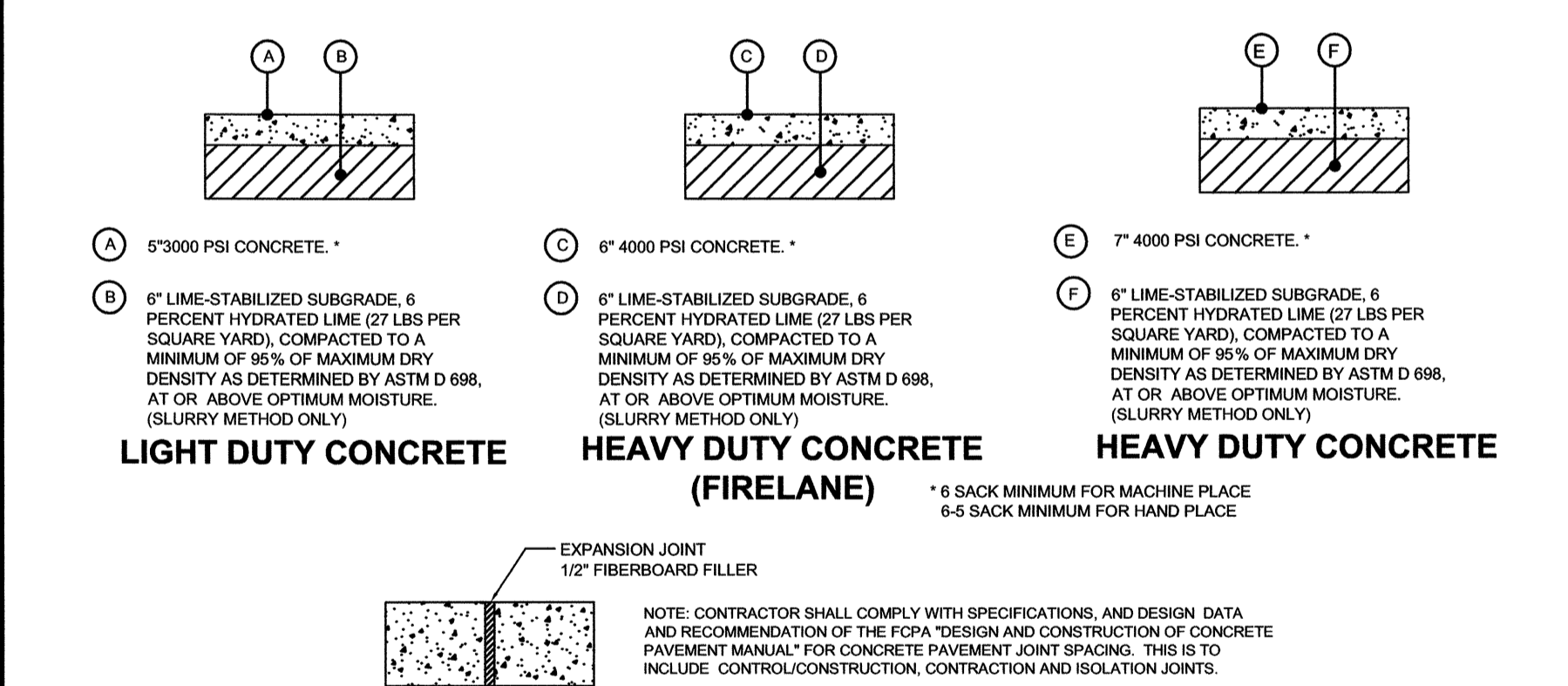


**CONCRETE FLUME**



**CONCRETE ENCASEMENT DETAIL**

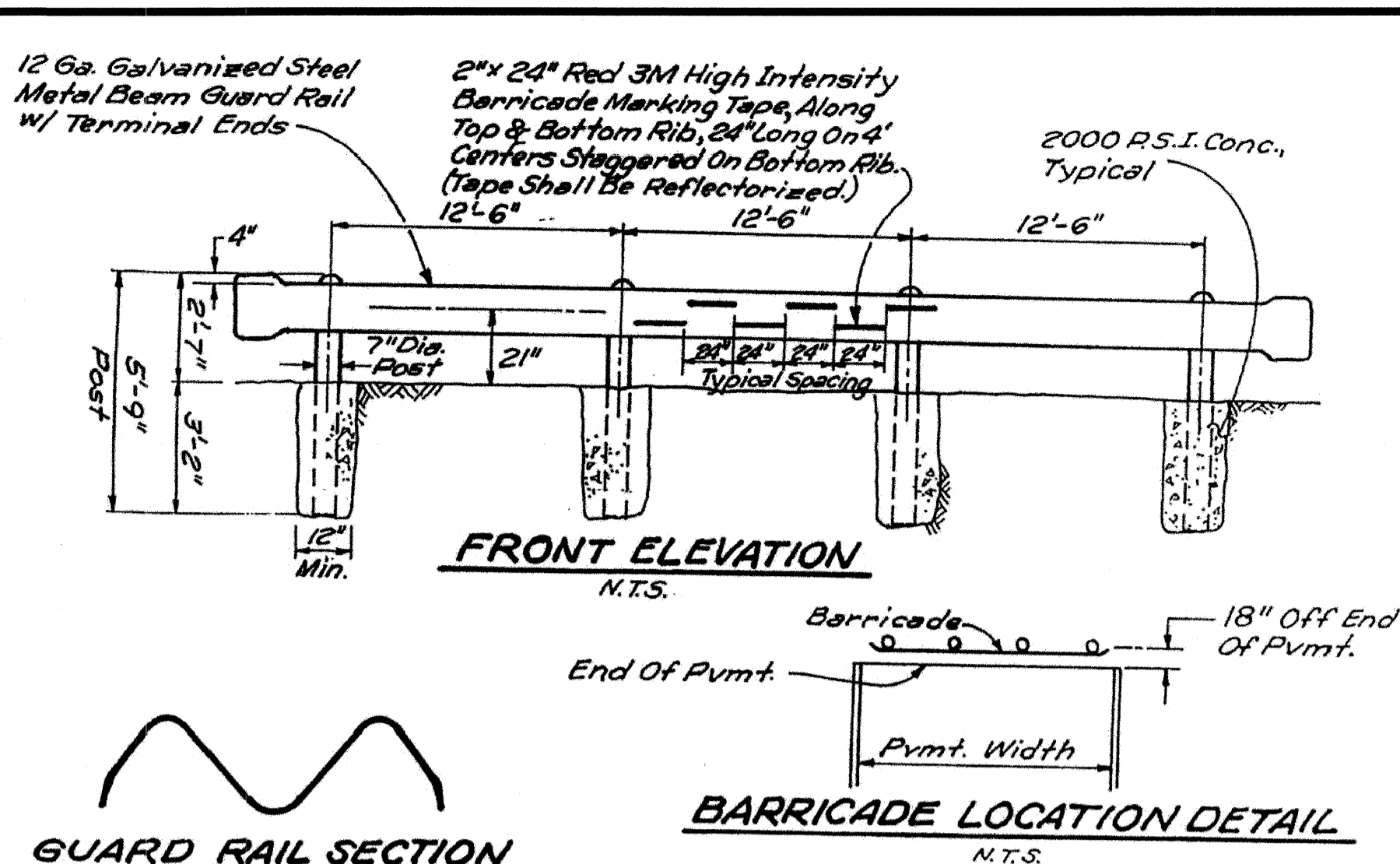


**RIGID PAVEMENT CONSTRUCTION**

- NOTES:**
- REFER TO GEOTECHNICAL INVESTIGATIVE REPORT PREPARED BY BUREAU VERITAS NORTH AMERICA, INC. - REPORT NO. DE07-023 - DATES FEBRUARY 27, 2007.
  - REFER TO TxDOT STANDARD SPECIFICATIONS BOOK, ITEM 340 H/MAC PAVEMENT. WHERE CONCRETE PAVEMENT IS CONSTRUCTED ALL CURBS ADJACENT TO IT SHALL BE INTEGRAL CURB.
  - CONCRETE PAVEMENT SHOULD BE CONSTRUCTED ONLY OVER STABLE AND SMOOTH COMPACTED SUBGRADES. ANY SURFACE DISTURBANCES OR WHEEL RUTTING SHOULD BE PREPARED PRIOR TO PLACEMENT OF CONCRETE. THE SUBGRADE SHOULD BE THOROUGHLY WETTED IMMEDIATELY PRIOR TO THE PLACEMENT OF CONCRETE TO MINIMIZE ABSORPTION OF MOISTURE FROM THE CONCRETE DURING CURING.
  - CONCRETE PAVEMENT THICKNESS SHOULD BE UNIFORM THROUGHOUT, WITH THE EXCEPTION OF CURBS OR THICKENED EDGES.
  - LINE STABILIZATION OF PAVEMENT IS RECOMMENDED DURING WET CONSTRUCTION SEASON. CONTACT THE GEOTECHNICAL ENGINEER TO DETERMINE IF LINE STABILIZATION IS REQUIRED.
  - REINFORCE CONCRETE PAVEMENT WITH #3 BARS AT 18" ON CENTER (BOTH WAYS). CONCRETE PAVEMENT SECTIONS SHOULD BE SAW CUT AT AN APPROXIMATE SPACING IN FEET OF 2.5 TO 3 TIMES THE PAVEMENT THICKNESS EXPRESSED IN INCHES. THE ACTUAL JOINT PATTERN SHOULD BE DESIGNED TO AVOID IRREGULAR SHAPES.
  - 6.5 SACK MINIMUM FOR MACHINE PLACED, AND 7.0 SACK MINIMUM FOR HAND PLACED CONCRETE.

A RAW CBR FOR THE SUBGRADE SOILS OF 2 IS RECOMMENDED FOR DESIGN PURPOSES.

**PAVING DETAILS**

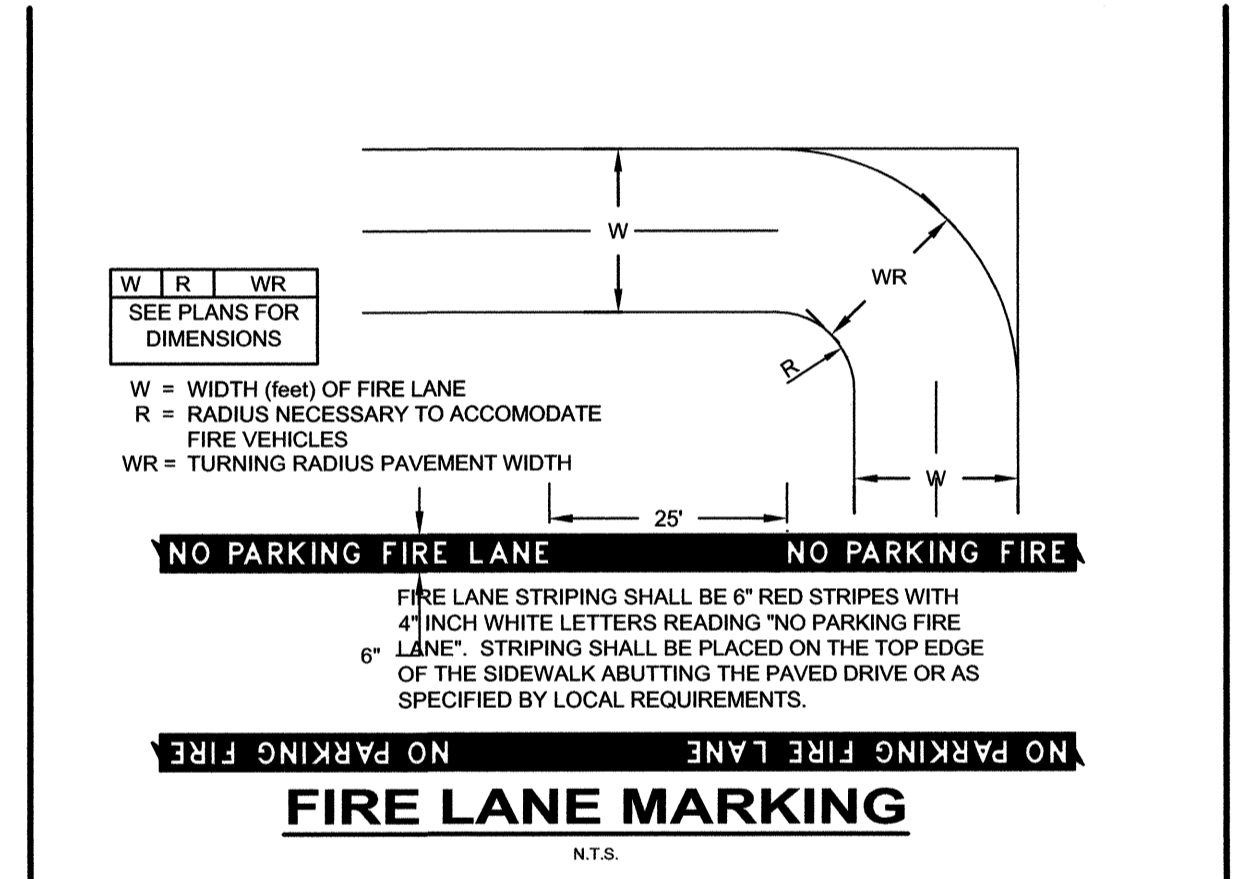
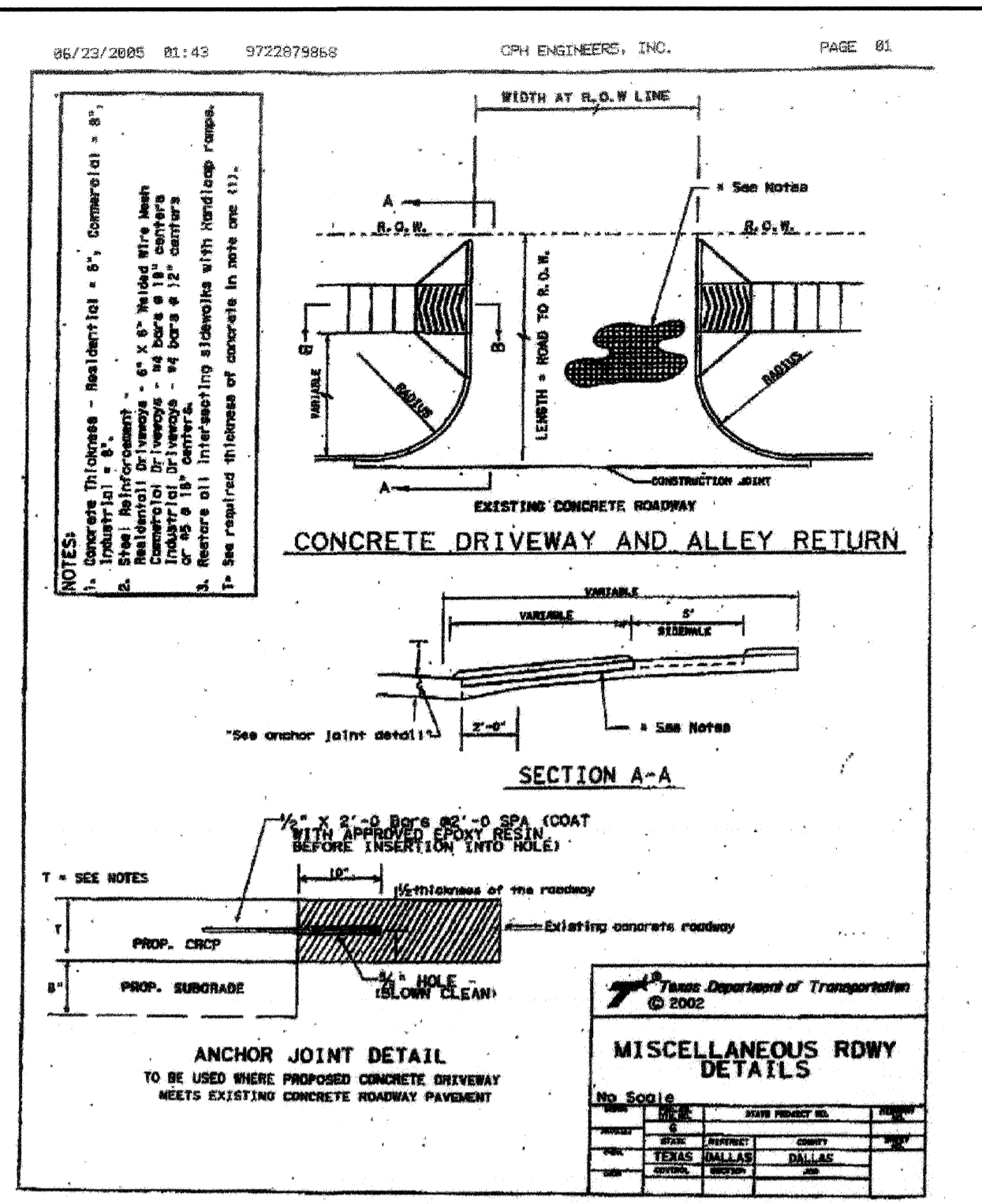


**GUARD RAIL SECTION**

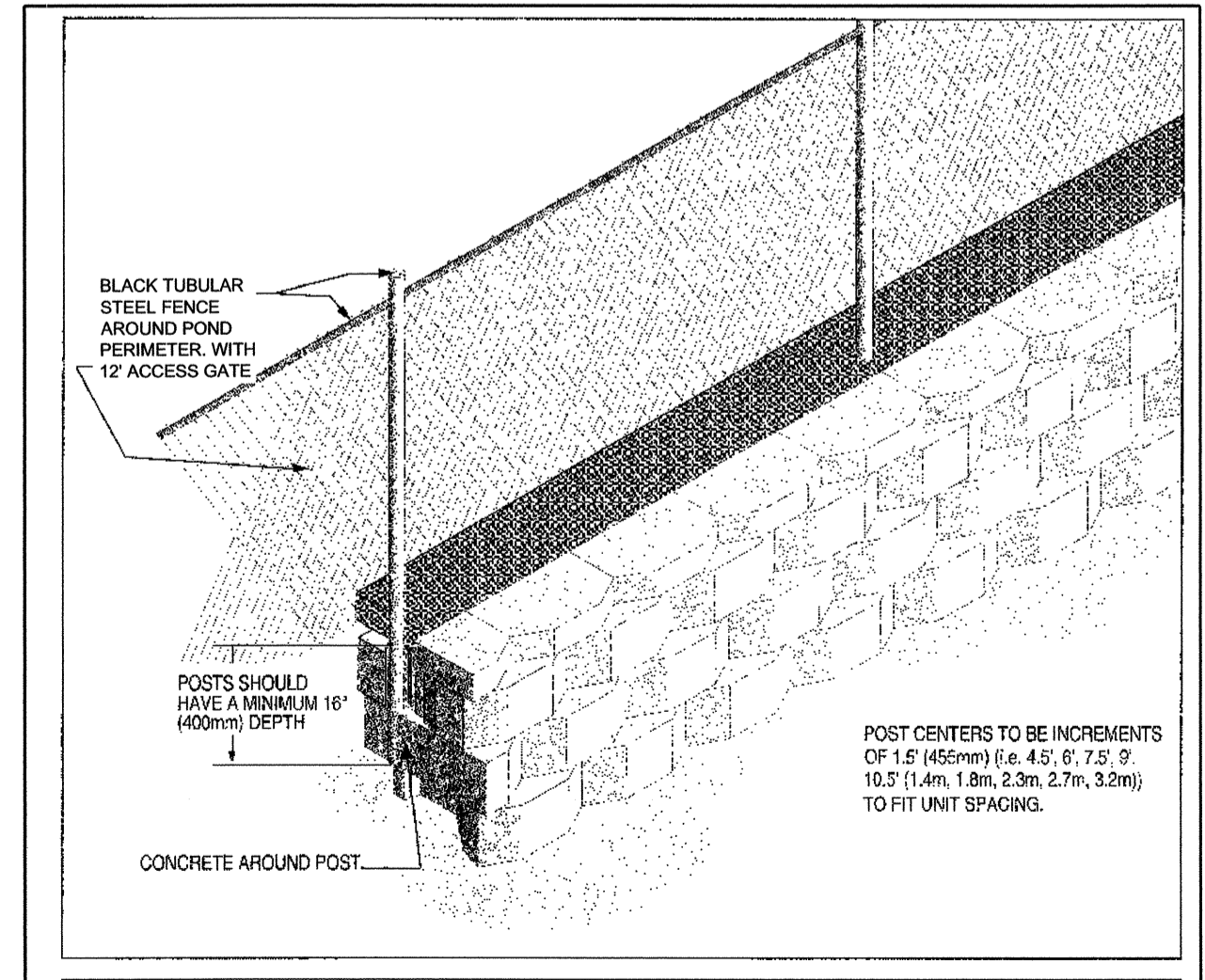
**BARRICADE LOCATION DETAIL**

**METAL BEAM BARRICADE DETAIL**

**Note:**  
For Dimensions And Details, See North Central Texas C.O.G. Standard Specifications For Public Works Construction, Standard Drawing No. 2290 - Metal Beam Barricade At End Of Road Detail.



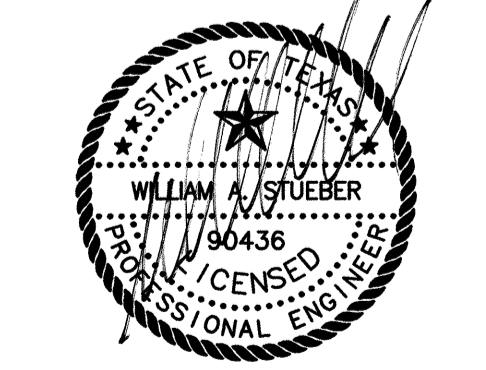
**FIRE LANE MARKING**



**STORM DRAINAGE AND PAVEMENT DETAILS**

**NOTE:**  
1. REFER TO CITY OF ROCKWALL STANDARD DETAILS AND NCTCOG 3RD EDITION FOR ALL UTILITY AND STORM DRAINAGE DETAILS AND SPECIFICATIONS

**RECORD DRAWING**  
TO THE BEST OF OUR KNOWLEDGE CPH ENGINEERS, INC. HEREBY STATES THAT THIS PLAN IS A REPRESENTATION OF THE AS-BUILT CONDITIONS OF THE SUBJECT PROJECT. THE INFORMATION PRESENTED IS BASED ON INFORMATION PROVIDED BY THE CONTRACTOR ALONG WITH DATA PROVIDED BY THE PROJECT LAND SURVEYOR.



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY WILLIAM A. STUEBER, P.E. 90436 ON 05/04/2009. ALTERATION OF A SEALED DOCUMENT TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

**"NOTICE"**  
THE SIZE OF THIS PLAN MAY HAVE BEEN SLIGHTLY ALTERED BY REPRODUCTION PROCESSES. THIS MUST BE CONSIDERED WHEN SCALING ANY REPRODUCED PLAN FOR THE PURPOSE OF COLLECTING DATA.

NO.	DATE	BY	REVISION
03/05/09	NO CHANGES THIS SHEET	WAS	NO
03/05/09	PER AS-BUILTS	WAS	NO
01/09/09	NO CHANGES THIS SHEET	WAS	NO
11/06/08	NO CHANGES THIS SHEET	WAS	NO
09/23/08	NO CHANGES THIS SHEET	WAS	NO
08/24/08	NO CHANGES THIS SHEET	WAS	NO
06/26/08	NO CHANGES THIS SHEET	WAS	NO
06/03/08	PER CITY COMMENTS 05/29/08	WAS	NO
05/19/08	NO CHANGES THIS SHEET	WAS	NO
03/07/08	NO CHANGES THIS SHEET	WAS	NO
12/05/07	NO CHANGES THIS SHEET	WAS	NO
10/31/07	NO CHANGES THIS SHEET	WAS	NO
10/19/07	PER CLIENTS NEW SITE LAYOUT	WAS	NO
10/19/07	DETAILS	WAS	NO

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**STORM DRAINAGE AND PAVEMENT DETAILS**  
**ROCKWALL CENTRE CORNERS**  
INTERSTATE HIGHWAY 30 AND S.H. 205  
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

Sheet No.  
**C-22**