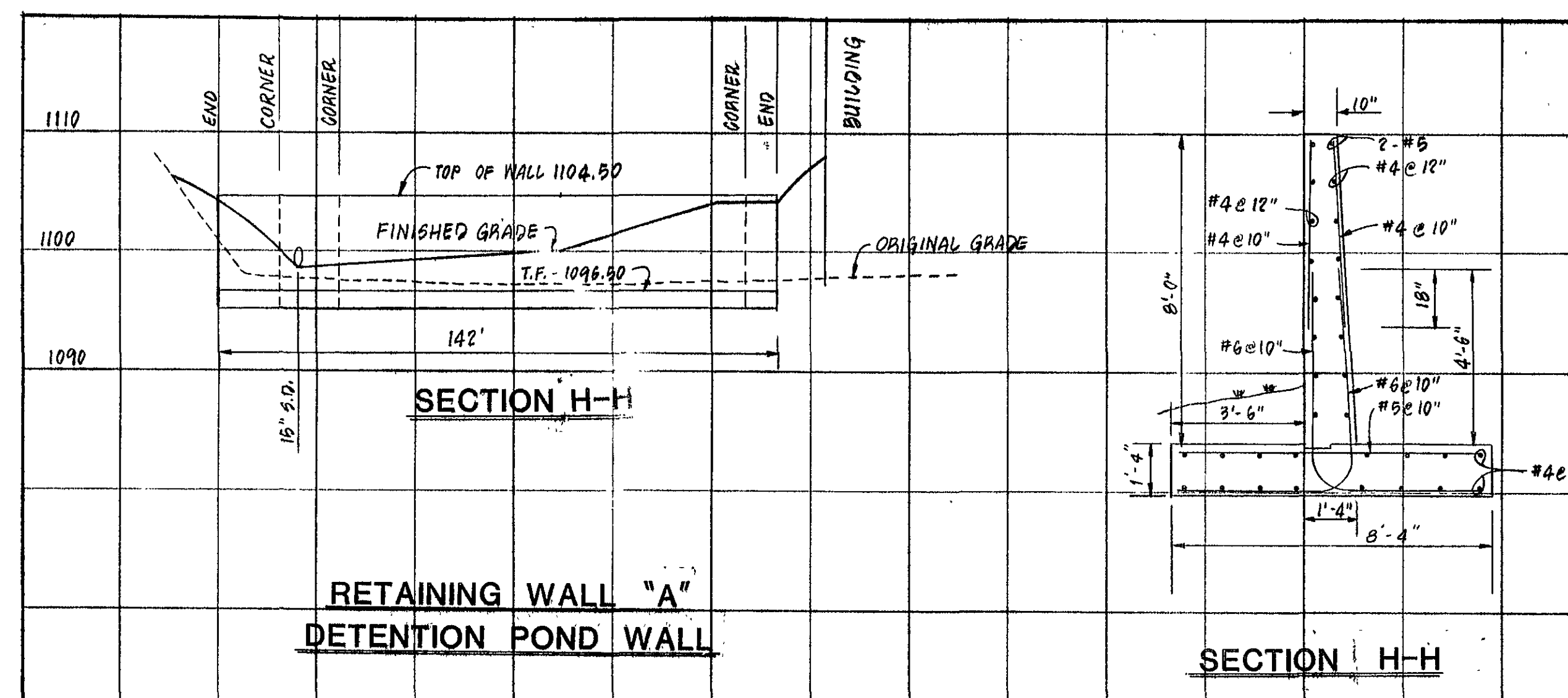
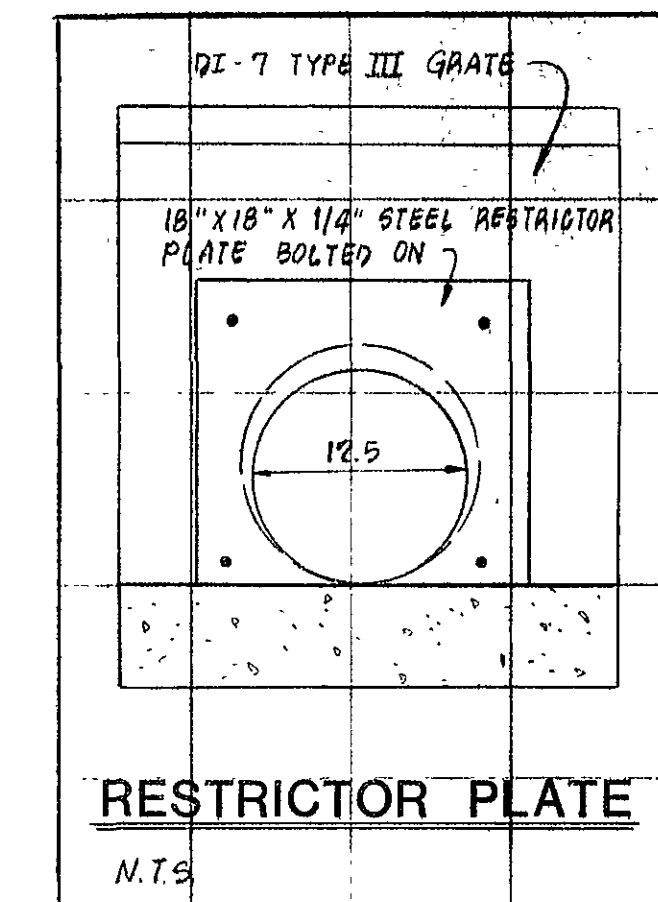
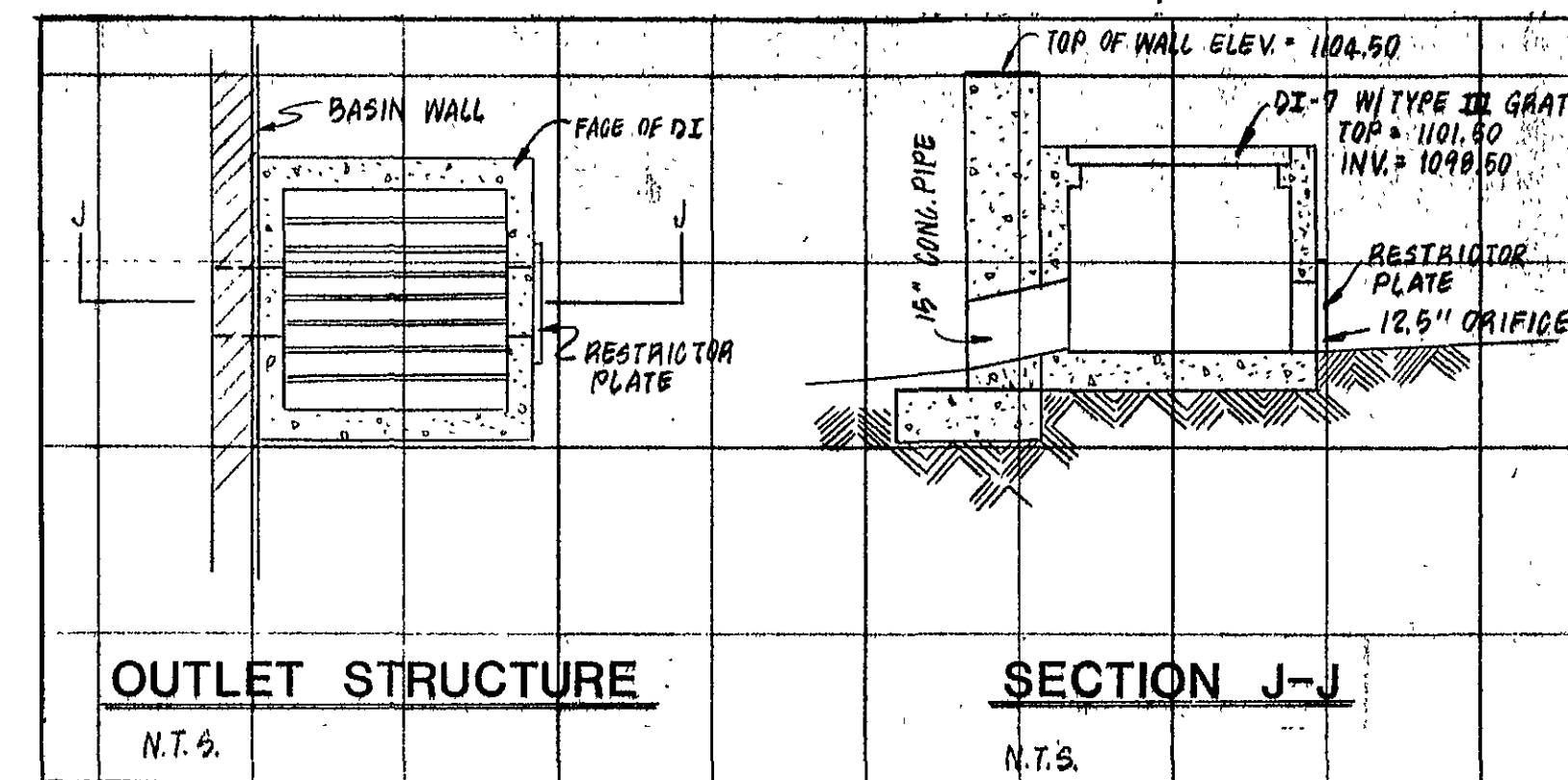


NOTE:

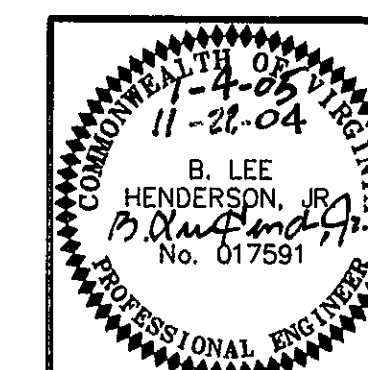
WALL DESIGNER SHALL PROVIDE TO THE OWNER DESIGN DRAWINGS FOR THE RETAINING WALLS. SUCH DRAWINGS TO INCLUDE TYPE AND STYLE. DRAWINGS SHALL BE SIGNED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF VIRGINIA. WALL DETAILS AND PROFILES SHOWN IN THESE PLANS ARE FOR SCHEMATIC DETAIL ONLY.

**RETAINING WALL WITH HAND RAIL**  
OTHER THAN WALL "A"  
NO SCALE



**CONSTRUCTION NOTES FOR WALL "A":**

1. FOUNDATION MATERIAL SHALL BE FIRM DESIGNED FOR 2.5 TON CAPACITY. NOTIFY GEOTECHNICAL ENGINEER FOR INSPECTION BEFORE PLACING FOOTING.
2. REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60.
3. CONCRETE SHALL BE A3 GENERAL USE, 3000 PSI, AIR ENTRAINED.
4. CONSTRUCTION JOINTS SHALL BE INSTALLED AT 15 FEET MAXIMUM INTERVALS.
5. NO SUBSOIL INVESTIGATIONS HAVE BEEN MADE BY THE DESIGNING ENGINEER.
6. HANDRAILS SHALL BE INSTALLED ON WALLS OVER 4 FEET IN HEIGHT. HAND RAILS SHALL BE 1 1/2 INCH STANDARD WEIGHT STEEL PIPE.
7. WEEP HOLES SHALL NOT BE INSTALLED IN WALL "A". POROUS BACKFILL TO DRAIN TO LOW POINT OF FINISH GRADE.



REVISION	DATE	DESCRIPTION
DESIGNED		RETAINING WALL & POND DETAILS FOR "OLDE DOMINION OFFICE PARK"
DRAWN		PREPARED FOR JAVA, LLC
CHECKED		WINSOR HILLS MAGISTERIAL DISTRICT ROANOKE COUNTY, VIRGINIA
LUMSDEN ASSOCIATES, P.C. ENGINEERS-SURVEYORS-PLANNERS ROANOKE, VIRGINIA		SCALE: 1" = 30' COMM: 95-283
DATE: JAN. 04, 05		SHEET 7 of 9