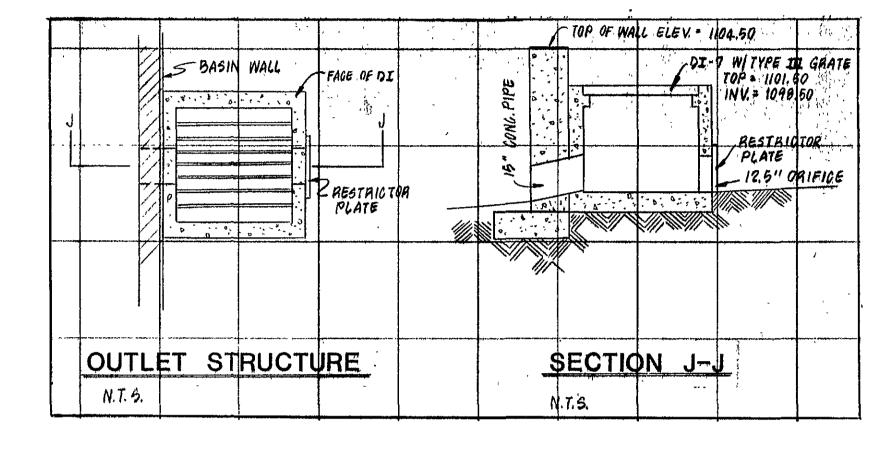
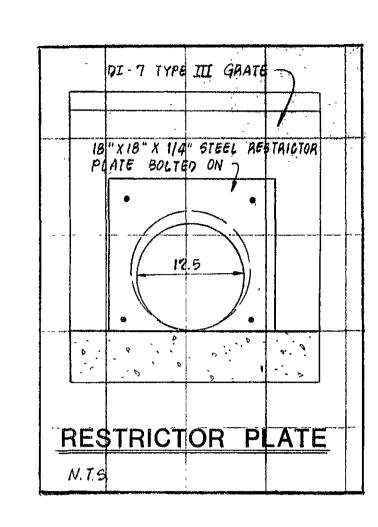
---- HAND RAIL (IF REQUIRED) ADHERE CAP UNIT TO TOP
UNIT W/ CONCRETE ADHESIVE RETAINED BACKFILL - APPROX. EXCAVATION MODULAR CONCRETE \
FACING UNITS REINFORCED BACKFILL STRUCTURAL 95% STANDARD PROCTOR DENSITY GEOSYNTHETIC REINFORCEMENT
AS REQUIRED BY DESIGN - Drain tile 4" dia. Outlet @ end of Wall or @ 40' centers. LEVELING PAD 6" MIN. ----

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





1110	END CORNER	CORNER		GORNER END	BUILDING				
1100		FINISHED GRA	DE 7 T.F 1096.90 7		ORIGINA	al Grade -	#4e	2-#5 #4e12" 10" #4e10"	-
1090	16" 5.0.		ON H-H				31.	#6@10" #5@10"	#4e12"
		RETAINING DETENTION	WALL "A" POND WALL	-			SE	CTION H-H	

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. CONSRUCTION 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 DESIGNED	DATE	DESCRIPTION					
			RETAINING WALL & POND DETAILS FOR					
	DRAWN		"OLDE DOMINION OFFICE PARK"					
2	CHECKED		PREPARED FOR JAVA, LLC					
SE SE			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