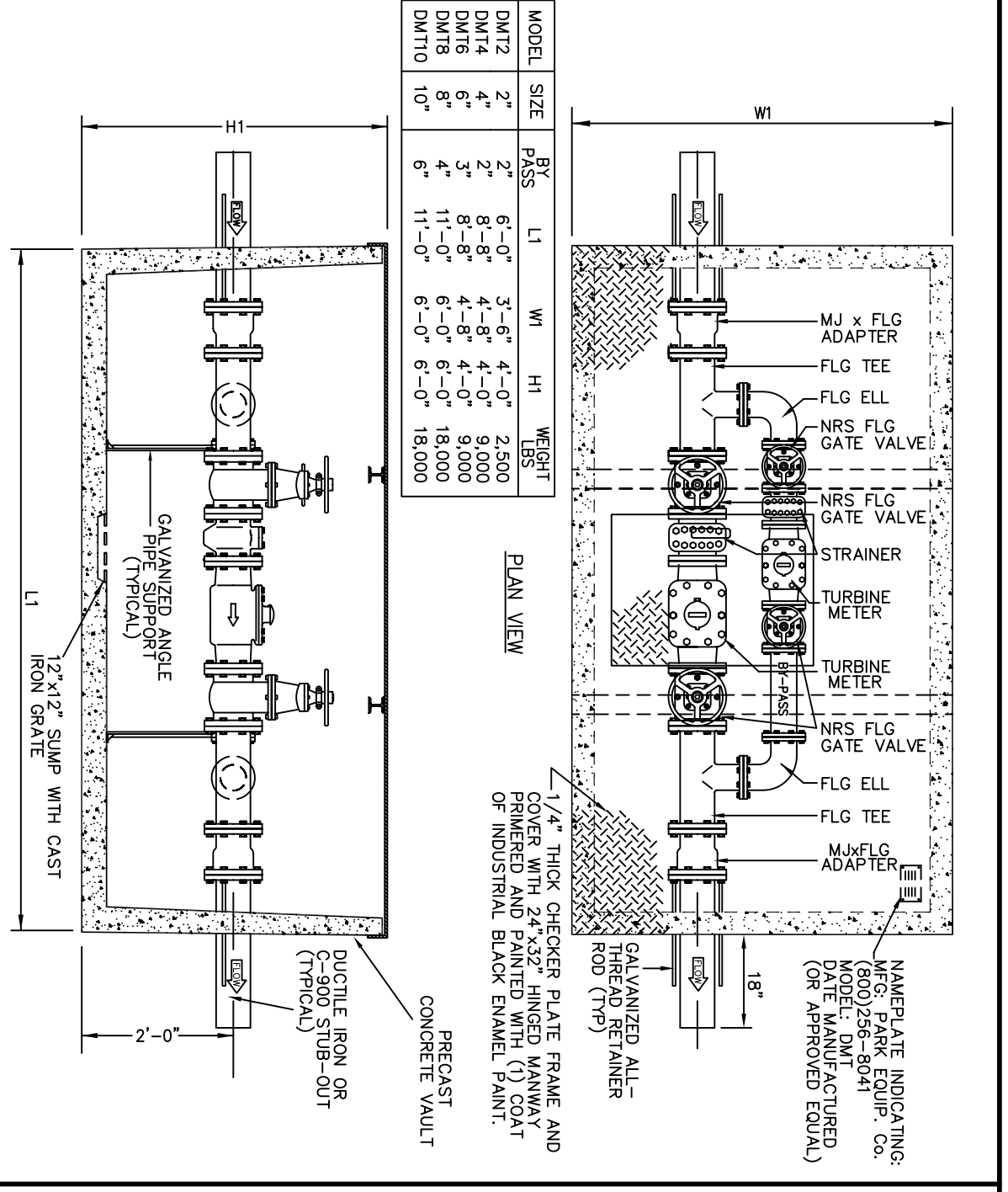


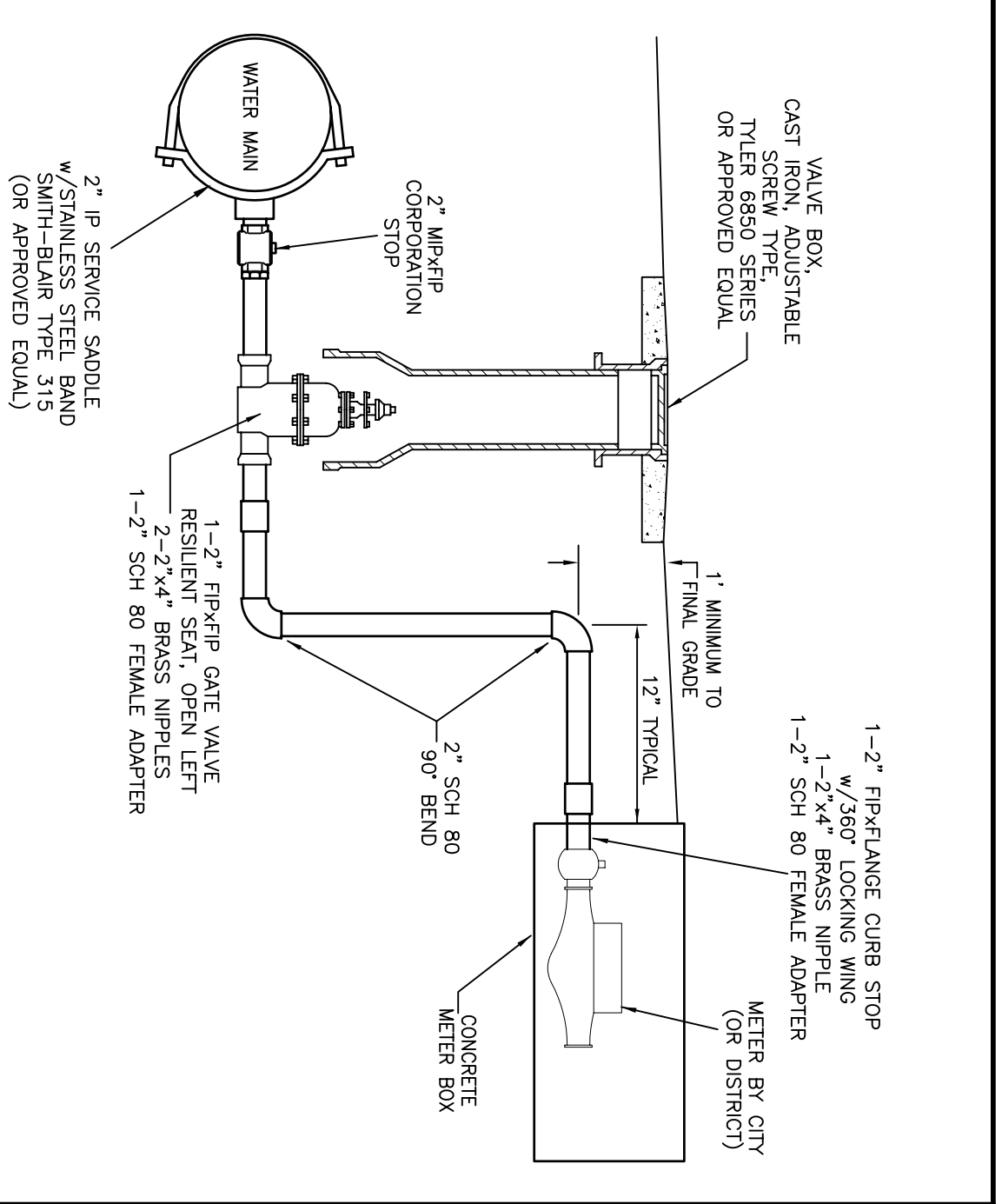
1. DOUBLE CHECK DETECTOR ASSEMBLY

Specifications
 CONCRETE - Class 1 concrete with design strength of 4500 psi at 28 days. Unit is of monolithic construction at floor and first slope of wall with sectional riser to required depth. Gross empty weight of approximately 3000 pounds.
 REINFORCEMENT - Grade 60 reinforcement. Steel rebar conforming to ASTM A615 on required centers or equal.
 STEEL COVER - 1/4" steel slab-resistant floor plate welded to 3" angle frame with (2) 3/4"-x-9/8" 1 beam supports.
 NOTES
 1. Valves assembly shall be factory assembled complete with concrete wall and be tested prior to setting in excavation. Manufacturer shall provide certified engineering data and buoyancy calculation.



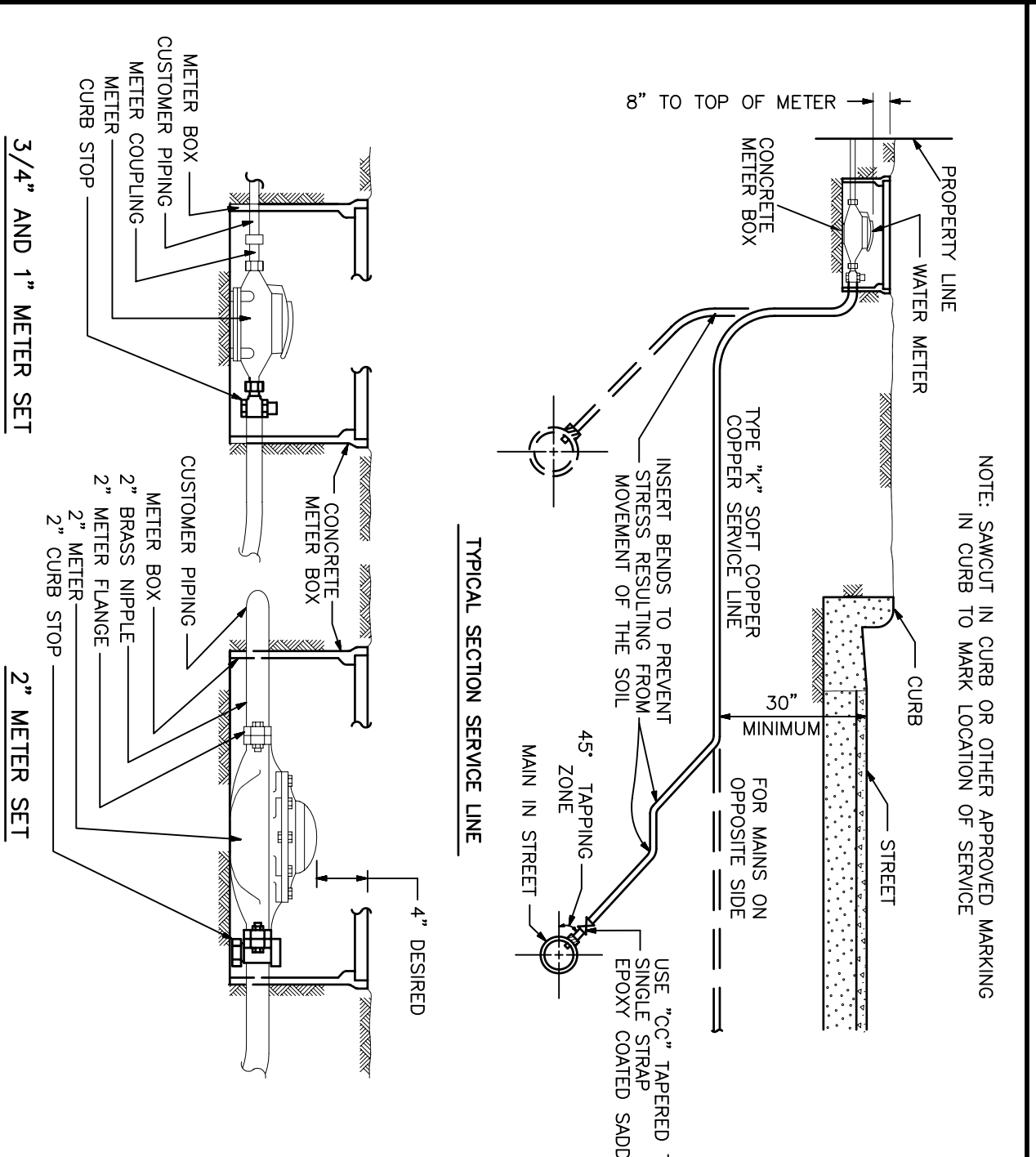
2. DOMESTIC TURBINE WATER METER ASSEMBLY

Specifications
 CONCRETE - Class 1 concrete with design strength of 4500 psi at 28 days. Unit is of monolithic construction at floor and first slope of wall with sectional riser to required depth.
 REINFORCEMENT - Grade 60 reinforcement. Steel rebar conforming to ASTM A615 on required centers or equal.
 STEEL COVER - 1/4" steel slab-resistant floor plate welded to 3" angle frame with (2) 3/4"-x-9/8" 1 beam supports (300 lbs).



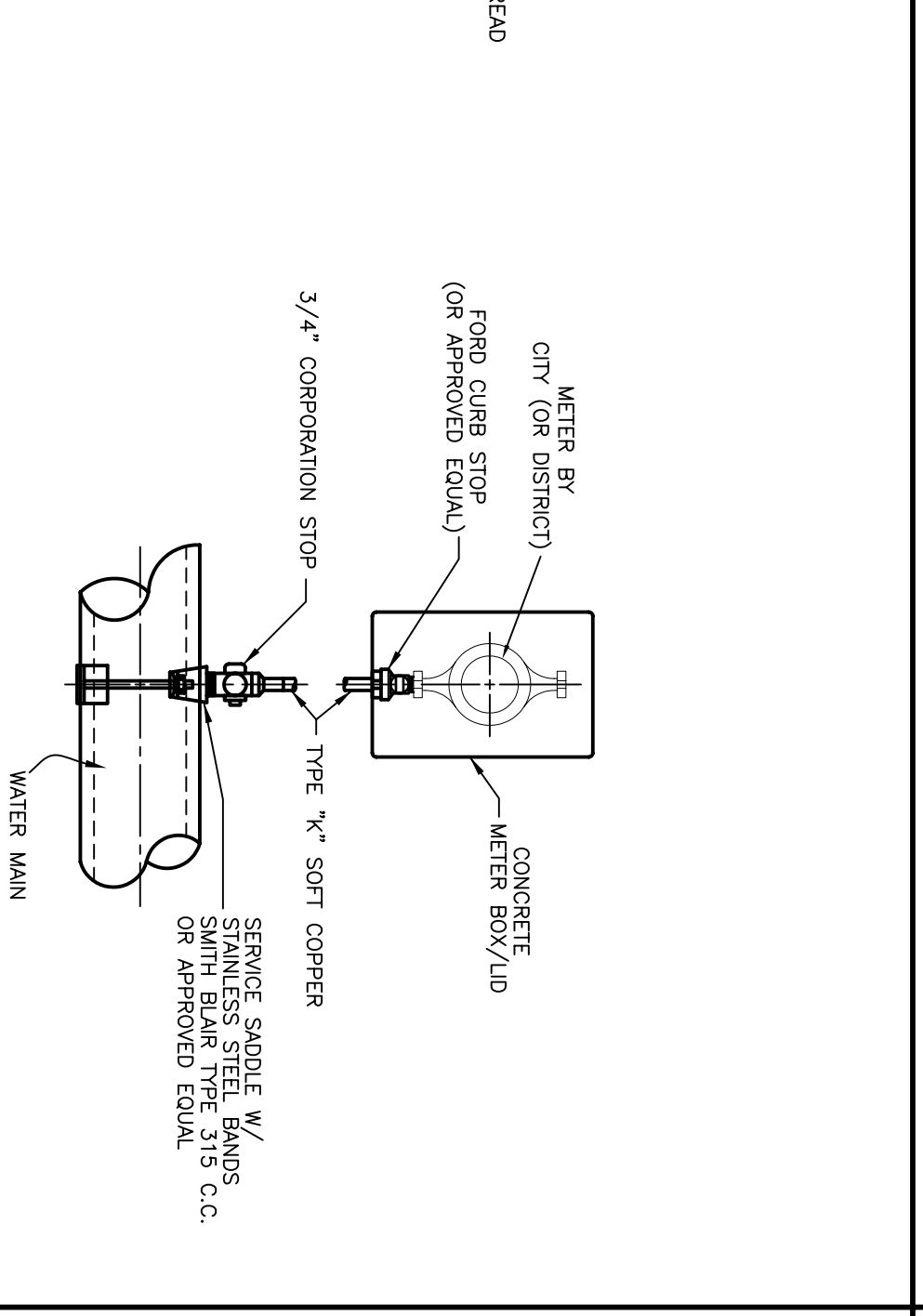
3. 2" WATER SERVICE CONNECTION

NOTE:
 USE ONLY 2" SCH 80 PVC PIPE AND FITTINGS



4. RESIDENTIAL WATER METER AND SERVICE LINE

NOTE: SAWCUT IN CURB OR OTHER APPROVED MARKING IN CURB TO MARK LOCATION OF SERVICE



3/4" CORPORATION STOP

NOTES:
 1. SINGLE WATER SERVICES ONLY.
 2. TYPING FROM CORPORATION STOP TO METER SHALL BE 45 DEGREE.
 3. IN NEW DEVELOPMENT ALL RESIDENTIAL SERVICE LINES SHALL BE INSTALLED WITH INITIAL CONSTRUCTION AND SHALL BE MARKED WITH A 4"x4"x5'-0" TIMBER (PAINTED BLUE) AND EXTENDING TWO FEET (2') ABOVE FINISHED GRADE.
 4. METER BOXES SHALL COMPLY WITH CITY OF RICHMOND REQUIREMENTS.

NO.	DATE	REVISIONS	APP.
CITY OF RICHMOND APPROVALS			
		ENERG KUNZ, DIRECTOR OF PUBLIC WORKS	DATE
		GARREN SCHMIDT, WATER SUPERINTENDENT	DATE
		JIM SEBESTA, WASTEWATER SUPERINTENDENT	DATE
		JIM WHITEHEAD, STREET SUPERINTENDENT	DATE
		DIANNE PRICE, PARKS SUPERINTENDENT	DATE

CITY OF RICHMOND STANDARD CONSTRUCTION DETAILS WATER	
SCALE	DESIGNED BY: RWS
HORIZONTAL: 1" = NTS	DRAWN BY: DGB
VERTICAL: 1" = NTS	CHECKED BY: KRK
	DATE: OCTOBER 24, 2005
	JOB NO.:
	DMC NO.:
	Sheet: