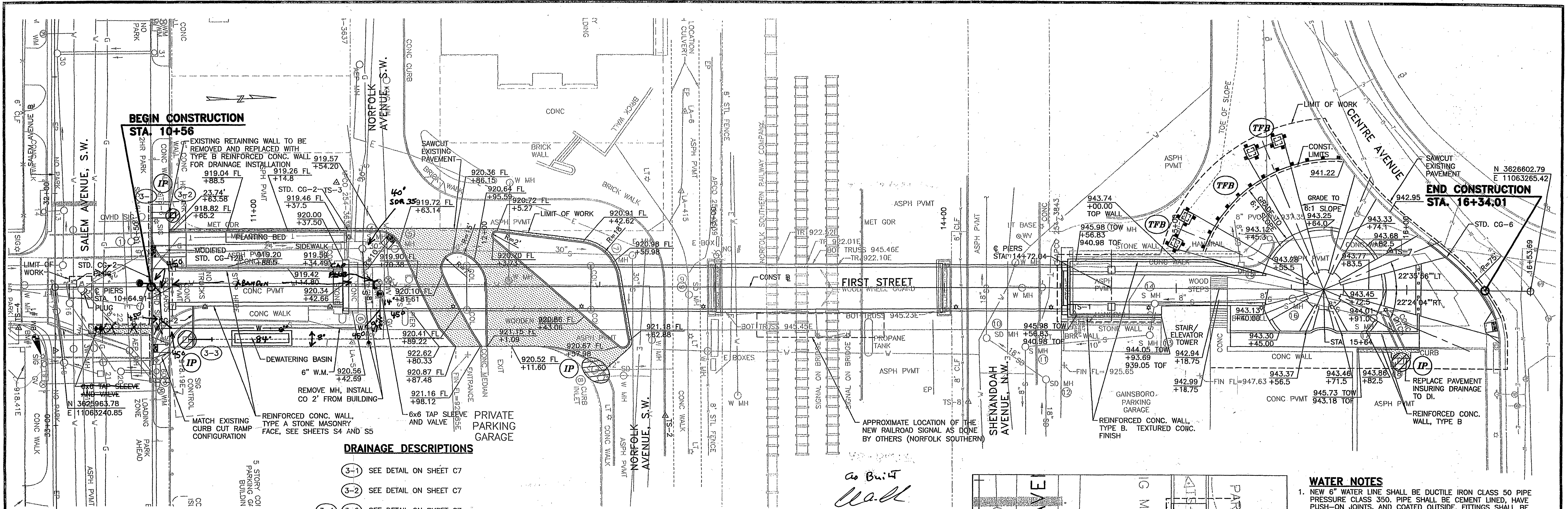
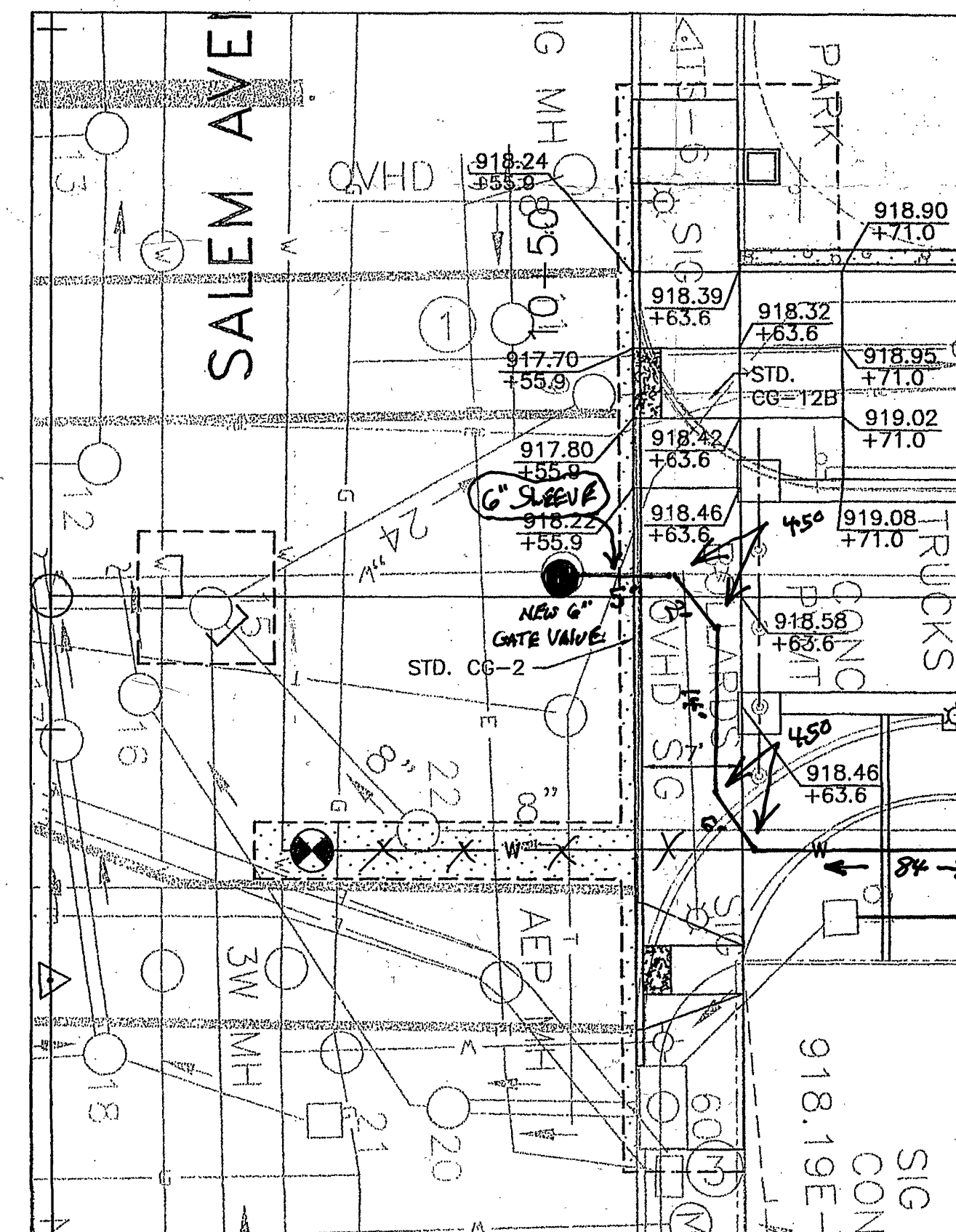




- DRAINAGE DESCRIPTIONS**
- 3-1 SEE DETAIL ON SHEET C7
 - 3-2 SEE DETAIL ON SHEET C7
 - 3-1-3-2 SEE DETAIL ON SHEET C7
 - 3-3 REMOVE EXISTING D.I. 10'-8" PVC PIPE CONNECT TO EXISTING 8" PIPE 45° BEND REQ'D. AND 8" COUPLING REQ'D. 100'-8" PERFORATED PVC PIPE BEDDED IN A 1' SQUARE OF NO. 57 STONE AND WRAPPED WITH GEOTEXTILE FABRIC

PLAN
SCALE: 1" = 20'



SALEM AVENUE AND FIRST STREET INTERSECTION ELEVATION DETAIL
SCALE: 1" = 10'

WATER NOTES

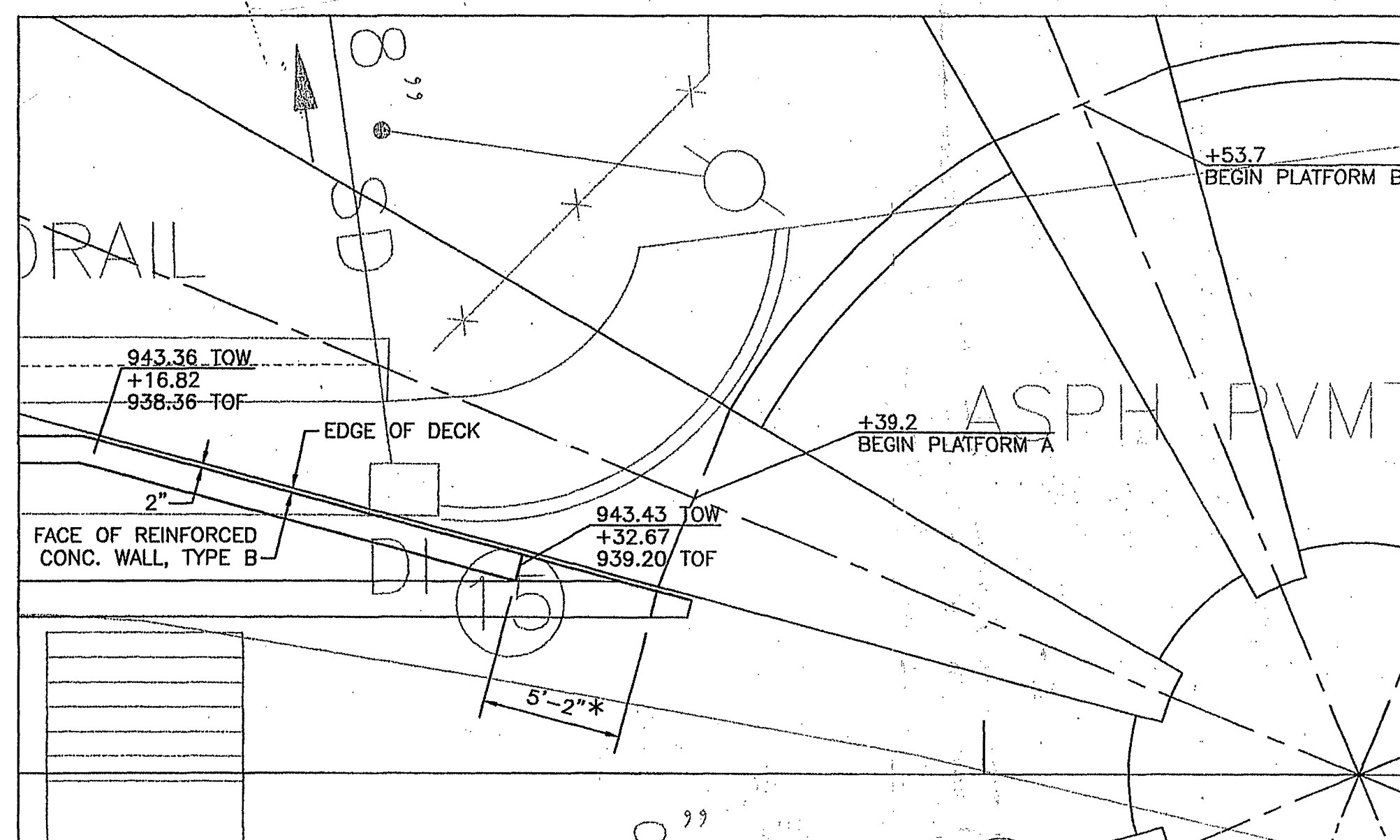
- NEW 6" WATER LINE SHALL BE DUCTILE IRON CLASS 50 PIPE PRESSURE CLASS 350. PIPE SHALL BE CEMENT LINED, HAVE PUSH-ON JOINTS, AND COATED OUTSIDE. FITTINGS SHALL BE DUCTILE IRON WITH MECHANICAL JOINT ENDS.
- GATE VALVES SHALL BE IRON BODY, BRONZE TRIM, NON-RISING STEM WITH SQUARE NUT, SINGLE WEDGE, RESILIENT SEAT, MECHANICAL JOINT ENDS. VALVES SHALL OPEN LEFT, COUNTER-CLOCKWISE.

LEGEND

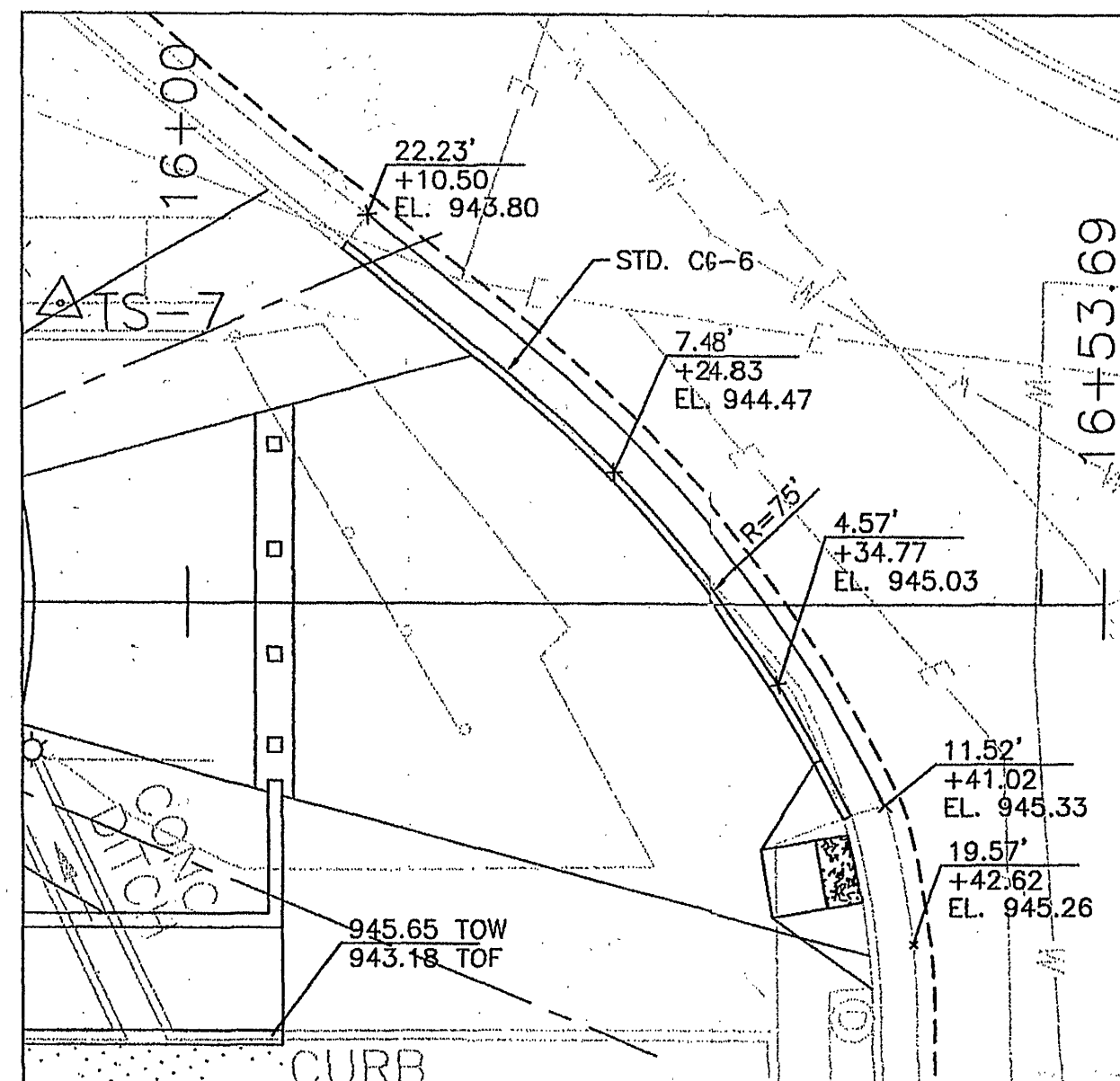
- IP DENOTES INLET PROTECTION
 - TFB DENOTES TEMPORARY FILTER BARRIER
 - DENOTES AREAS OF NEW PAVEMENT
- ALL 45° BENDS AND SLEEVES ARE MEGA LUGGED AND RIGID WITH THURMET BLOCKS INCLUDING NEW 6" VALVE.

GRAPHIC SCALES

REFERENCES	
BRIDGE PLANS	B1-B16
SURVEY CONTROL	C2
OVERALL APPROACH PROFILE	C3A
PAVEMENT MARKING PLAN	C4
DETAILS	C6
WATER LINE DETAILS	C7
RETAINING WALL DETAILS	C9
HANDICAP RAMP DETAILS	C13
LAYOUT PLANS	L1,L2

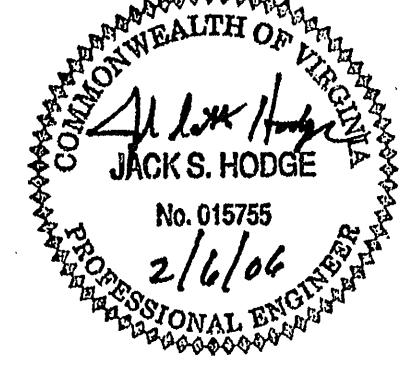


RETAINING WALL ELEVATION DETAIL
SCALE: 1" = 5'



CENTRE AVENUE AND FIRST STREET INTERSECTION ELEVATION DETAIL
SCALE: 1" = 10'

SEALS



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**REHABILITATION OF THE
DR. MARTIN LUTHER KING, JR.
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STRUCTURE NO. 8002**

CITY OF ROANOKE
ROANOKE, VIRGINIA

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CIVIL

OVERALL APPROACH PLAN,
WATER AND SEWER PLAN,
AND EROSION AND SEDIMENT
CONTROL PLAN

C3