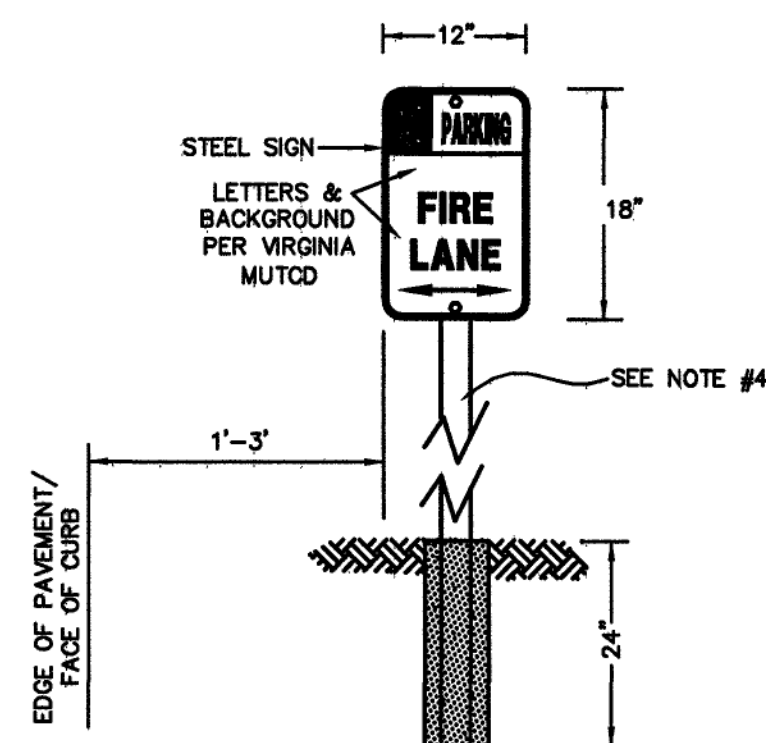
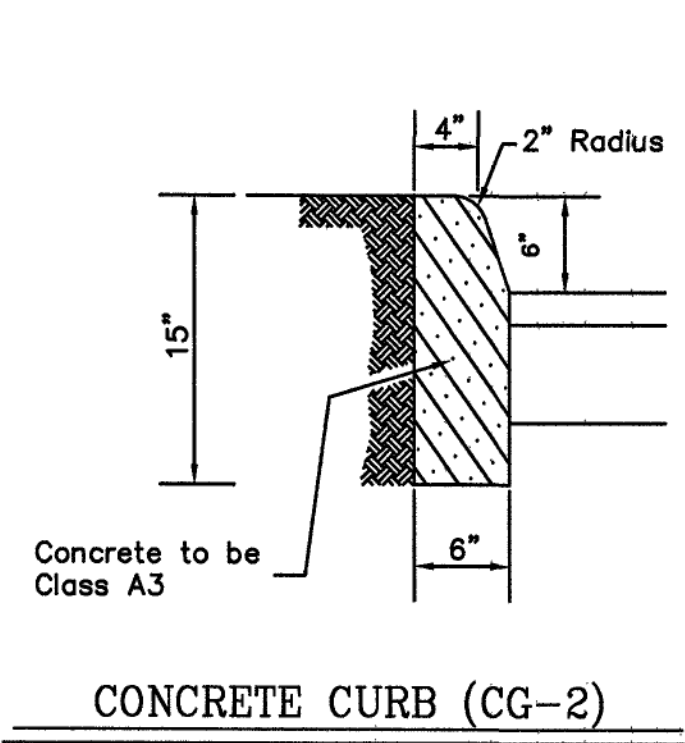
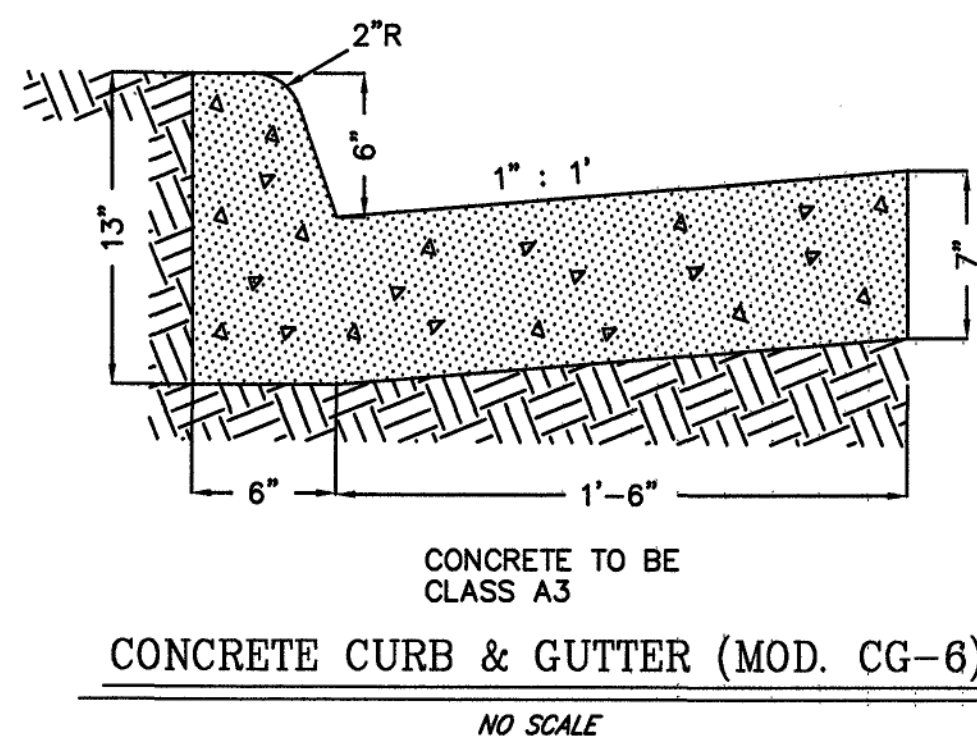


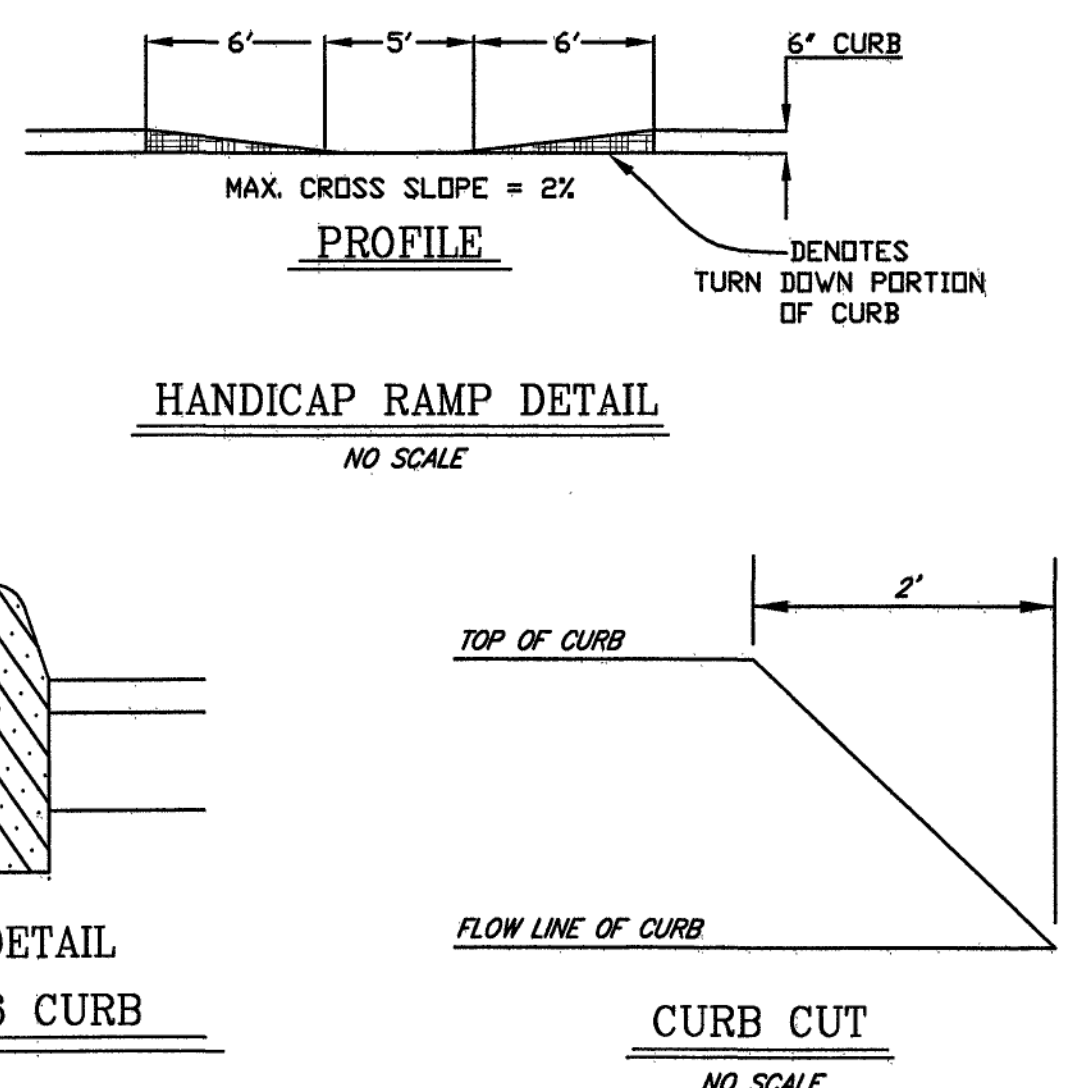
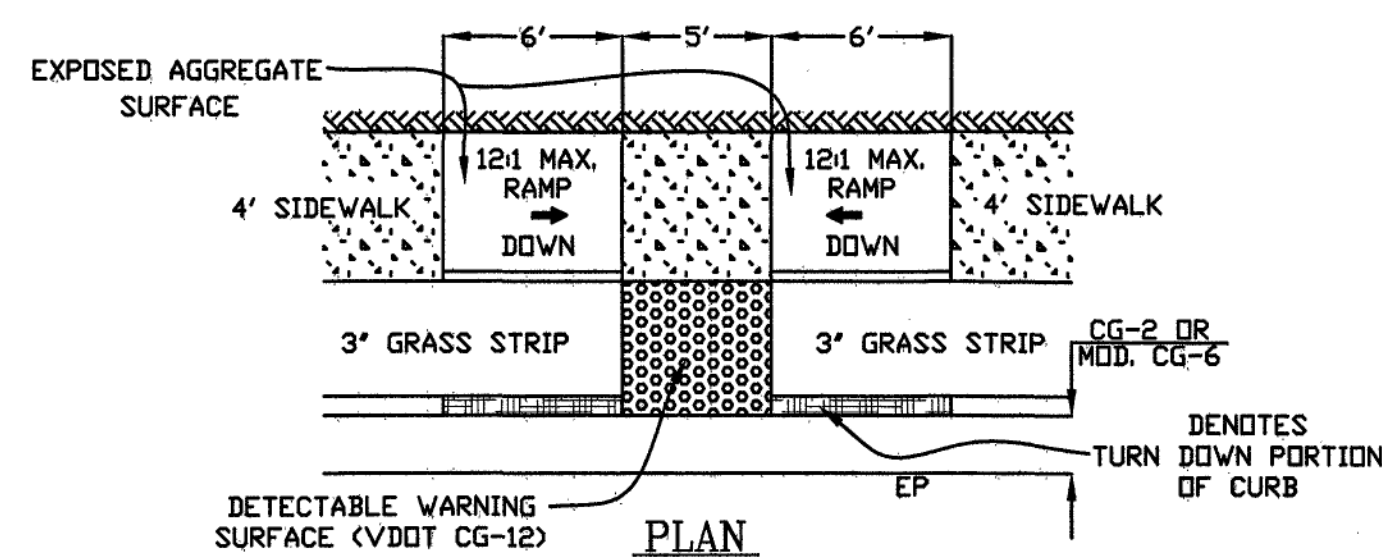
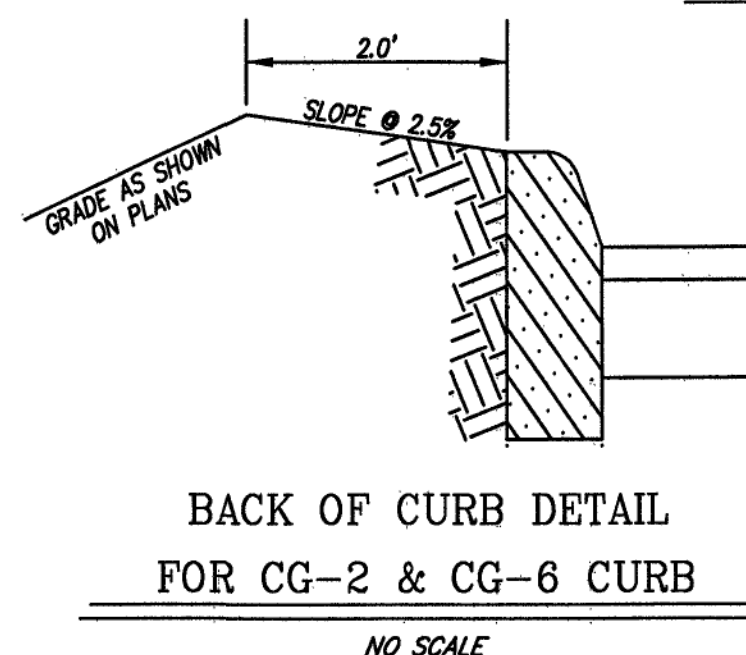
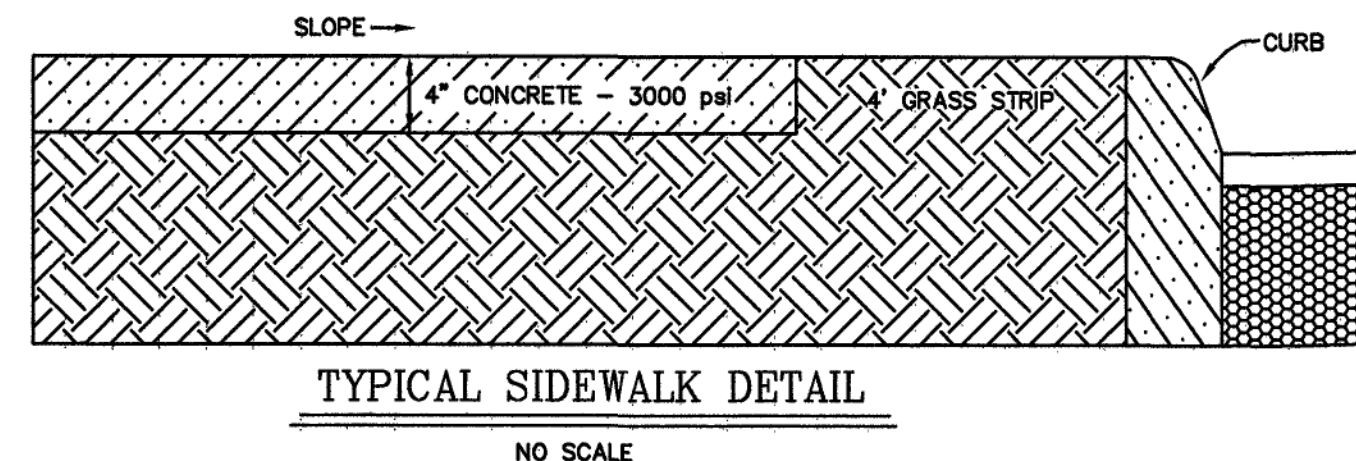


NOTES:

1. MOUNTING HEIGHT SHALL BE MINIMUM OF 5' FROM BOTTOM OF SIGN TO NEAR EDGE OF PAVEMENT OR TOP OF NEAR CURB. 7' WHERE POTENTIALLY OBSCURED BY PEDESTRIANS OR VEHICLES.
2. NUMBER OF SIGNS - AT LEAST ONE PER EACH 50 L.F. OF FIRE LANE & AS OTHERWISE DETERMINED NECESSARY BY FIRE OFFICIAL.
3. LOCATE SIGNS AT EACH END OF FIRE LANE AND EVENLY SPACED BETWEEN AT NO MORE THAN 50' O.C. ARROW SHALL BE AS APPROPRIATE TO SIGN LOCATION.
4. POST SHALL BE RIB BACK STEEL, ELEVEN FEET (11') IN LENGTH WITH THREE EIGHTS INCH (3/8") HOLES DRILLED ONE HALF LENGTH OF POST (OR FIVE FEET AND SIX INCHES - 5'6"). FINISH SHALL BE GREEN ALKALD AND RESIN GLOSS BAKED ON ENAMEL. CONTRACTOR SHALL VERIFY WITH LOCALITY.

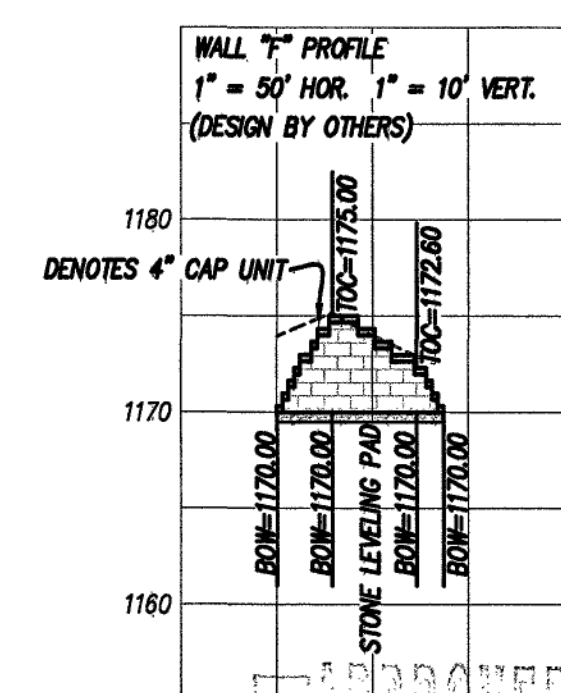
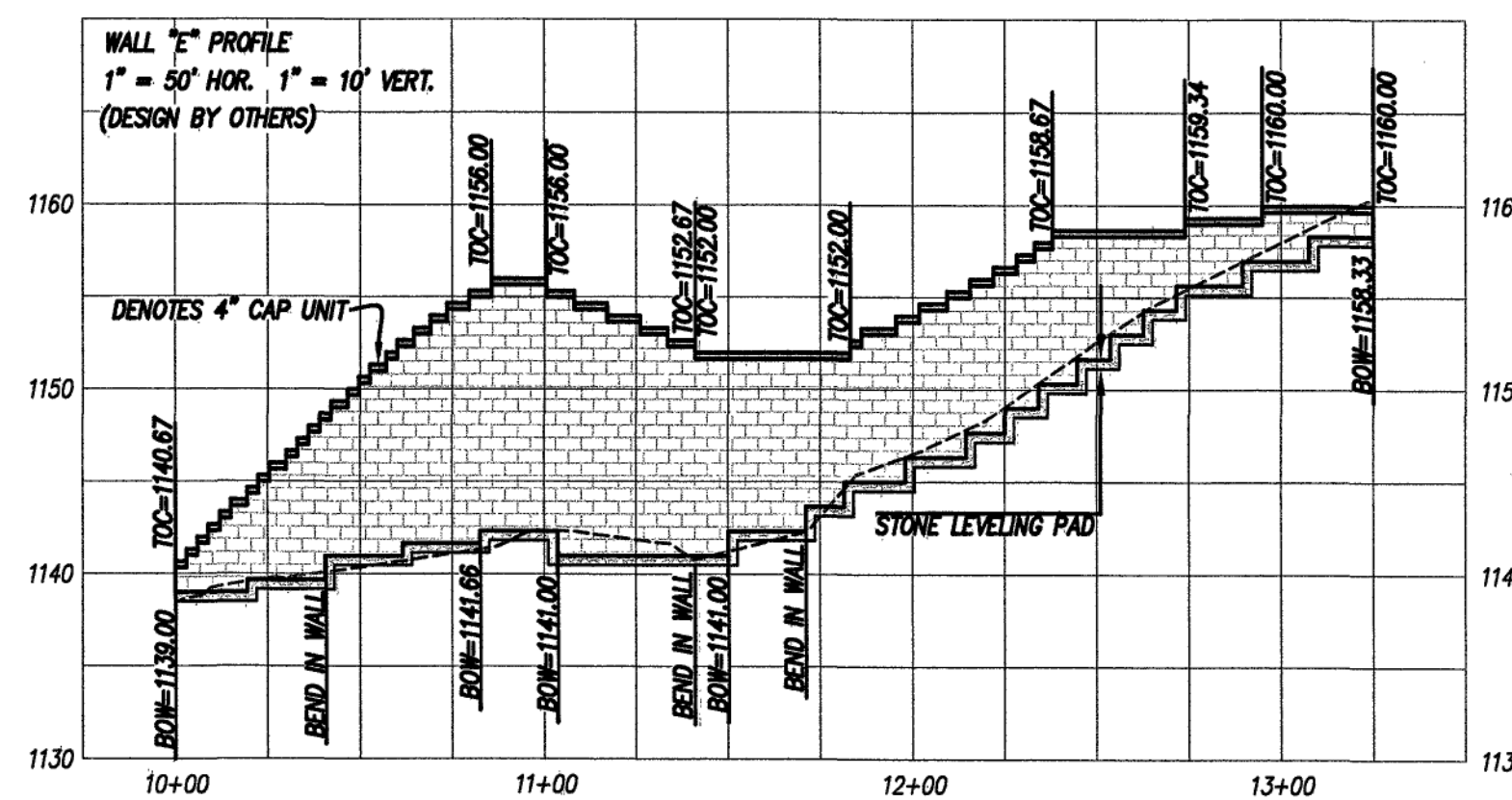
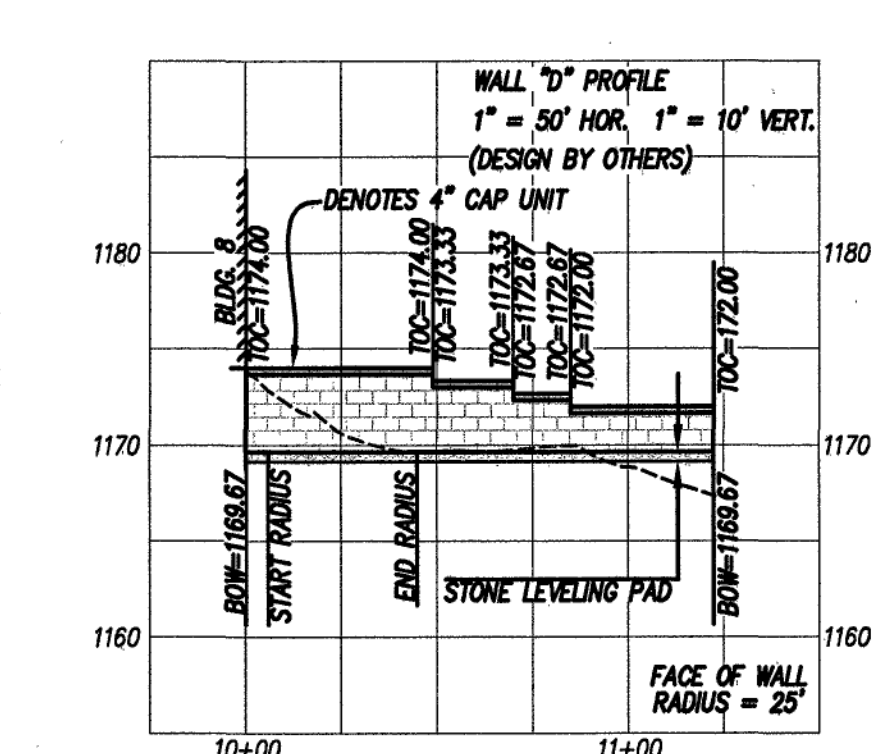
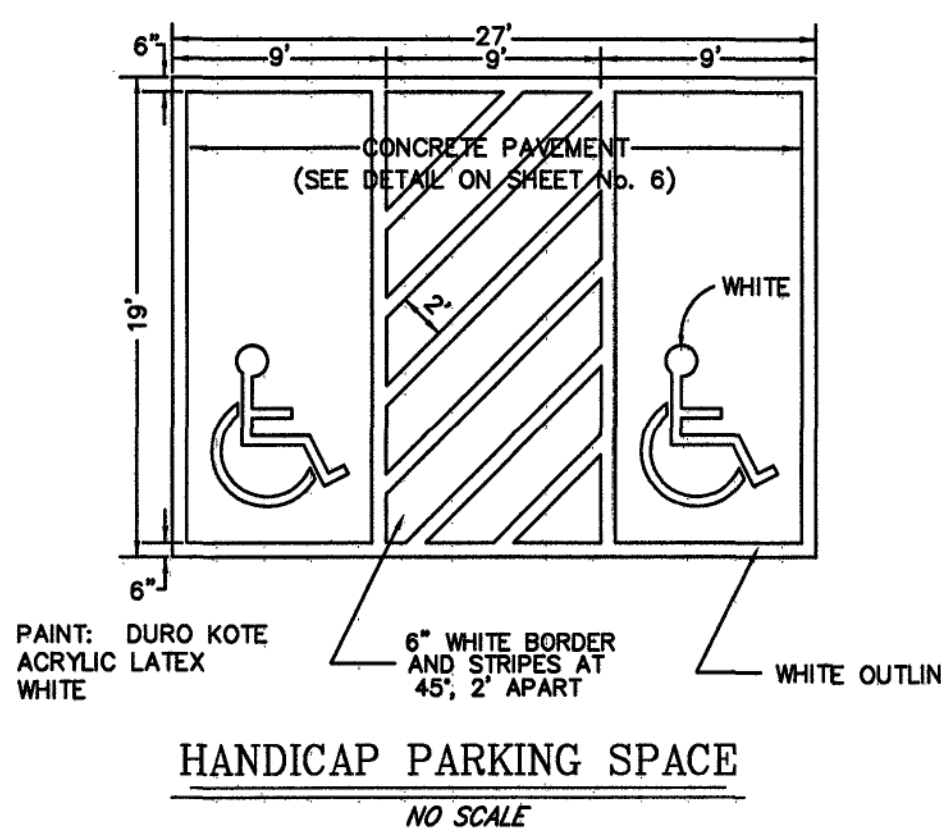
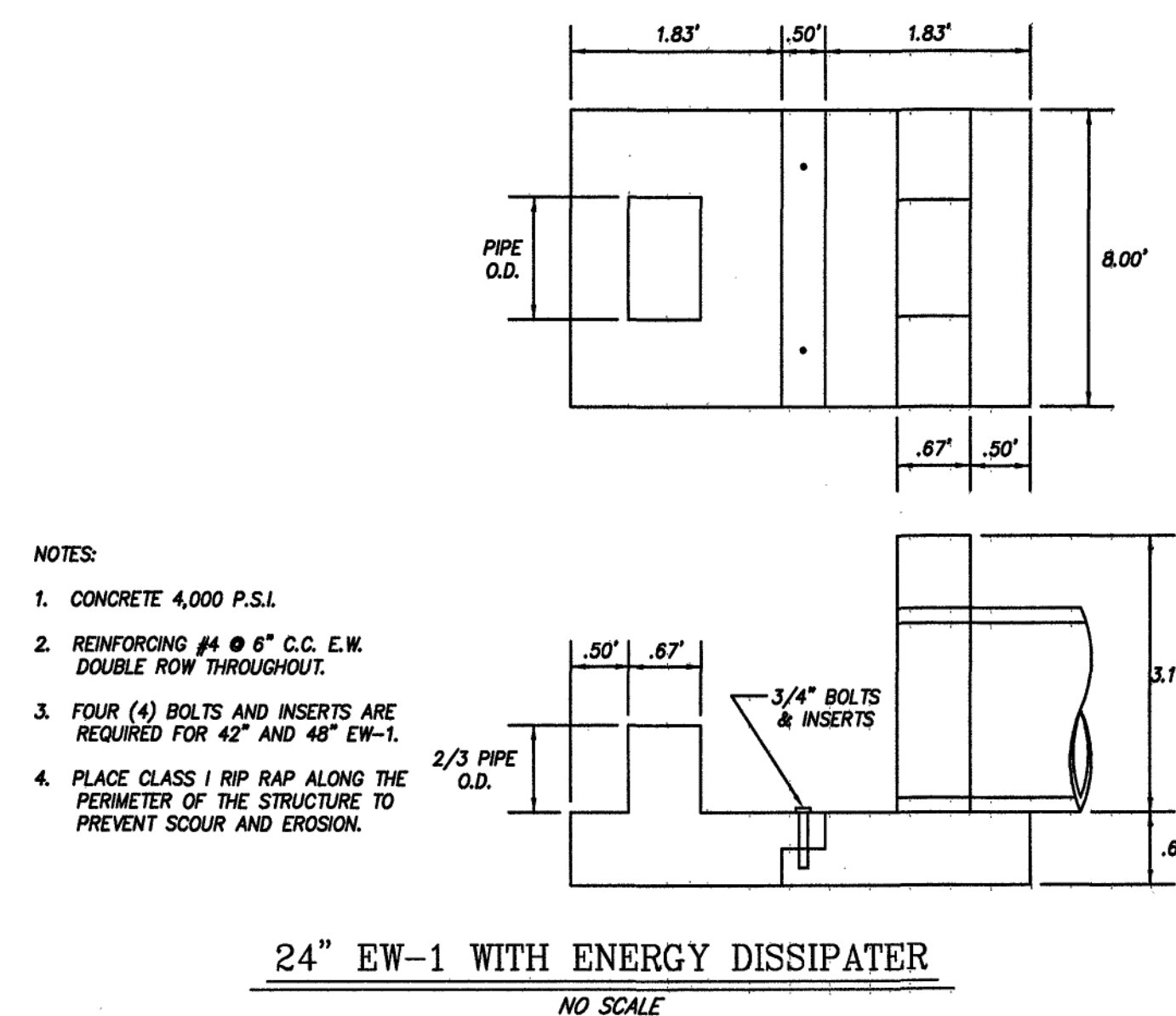
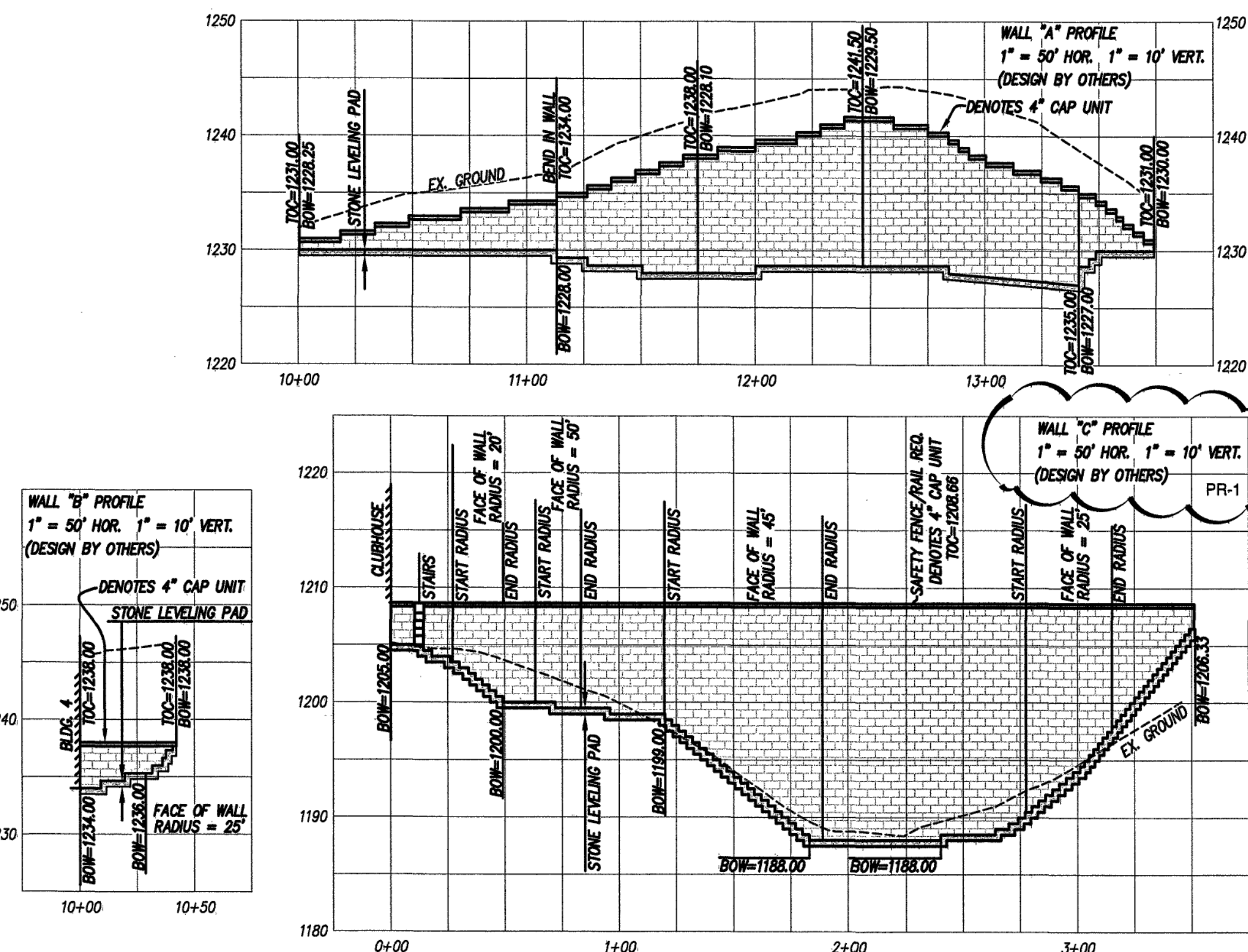
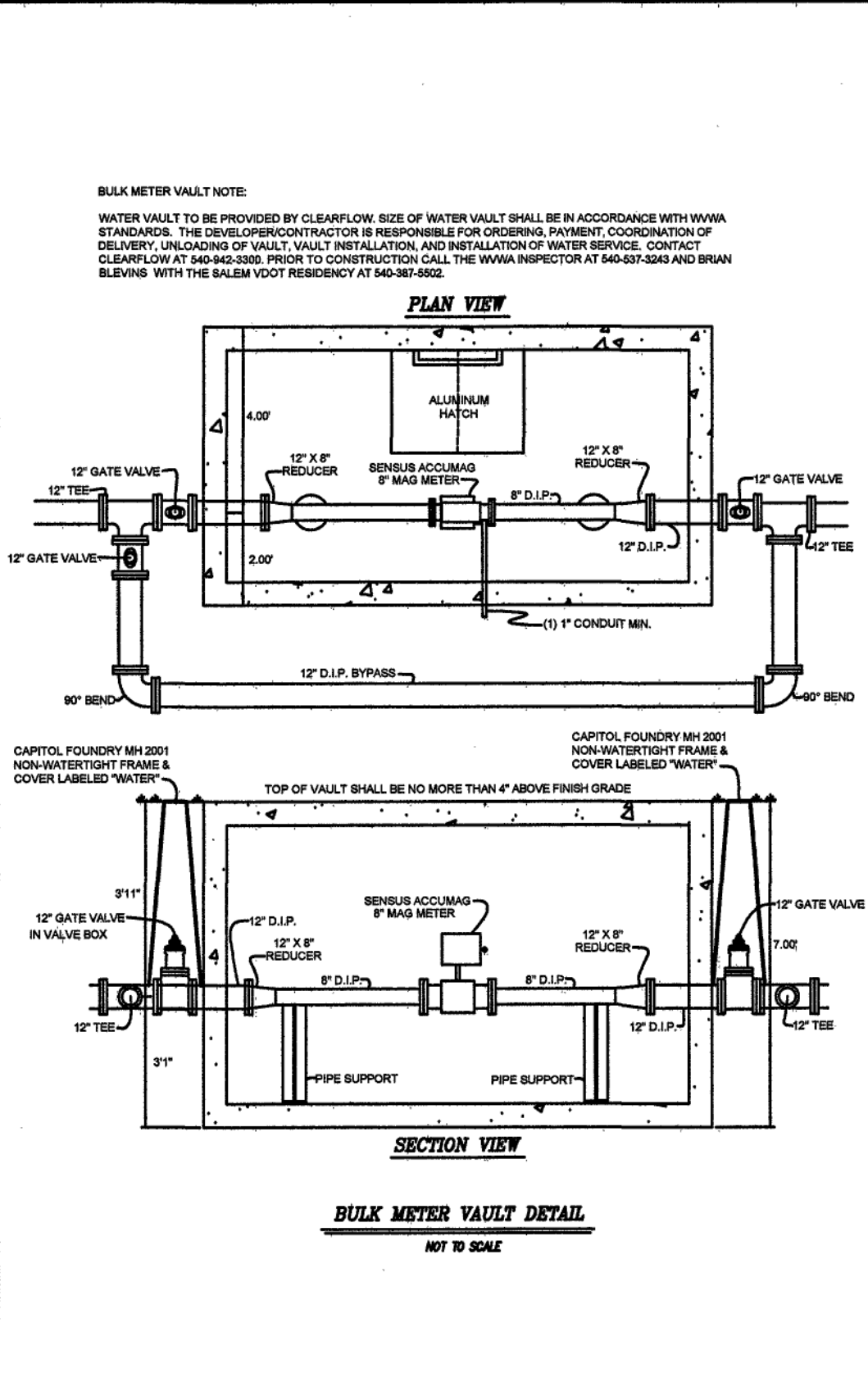
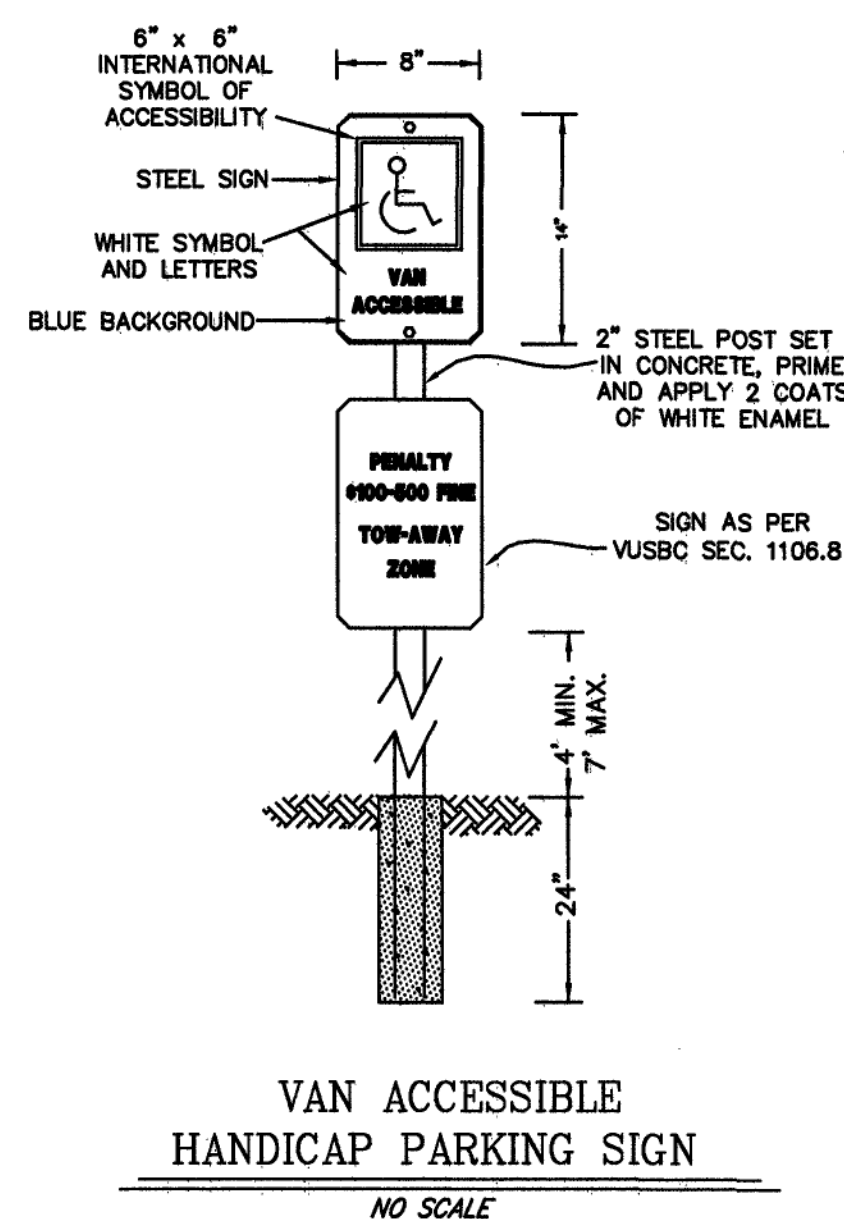
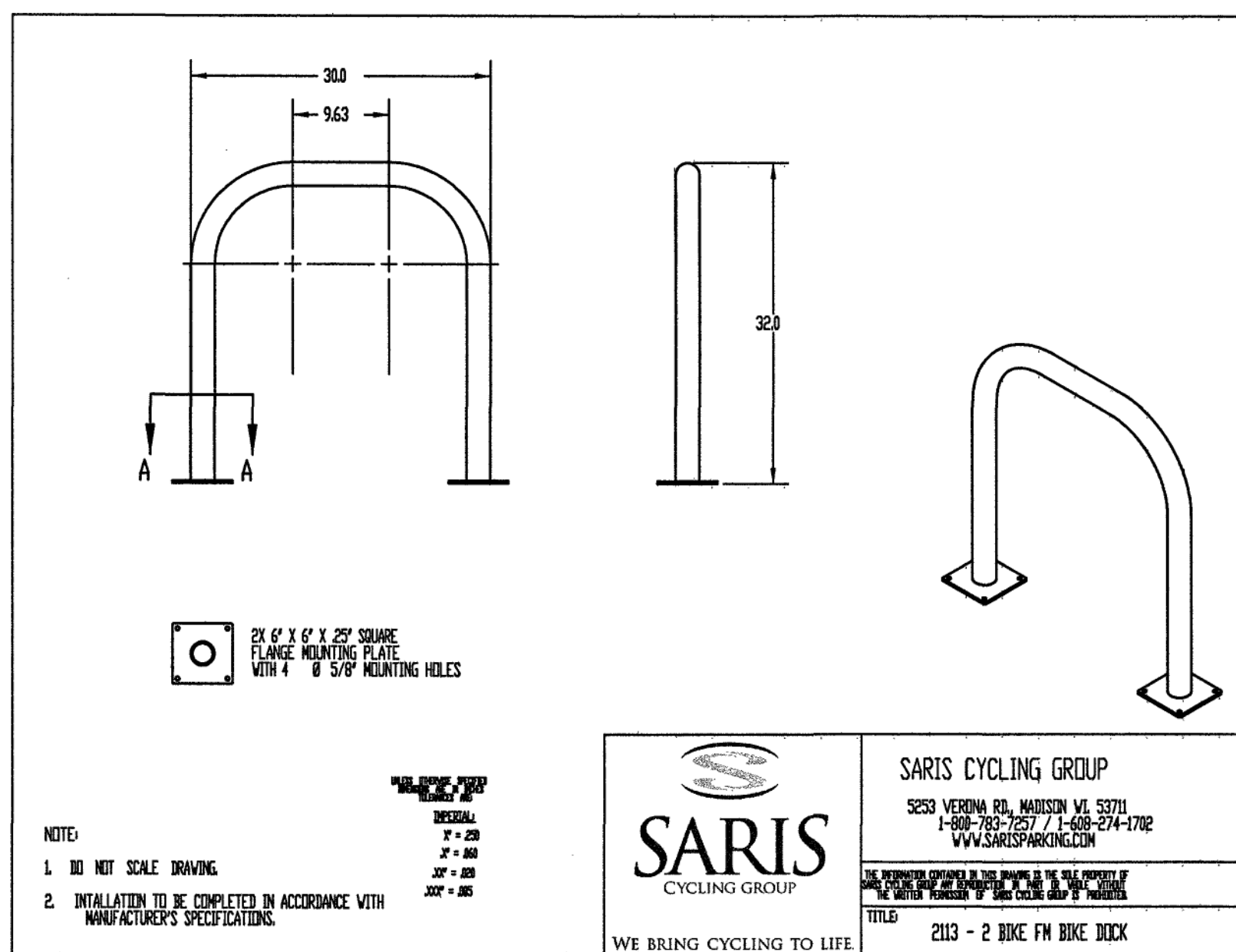
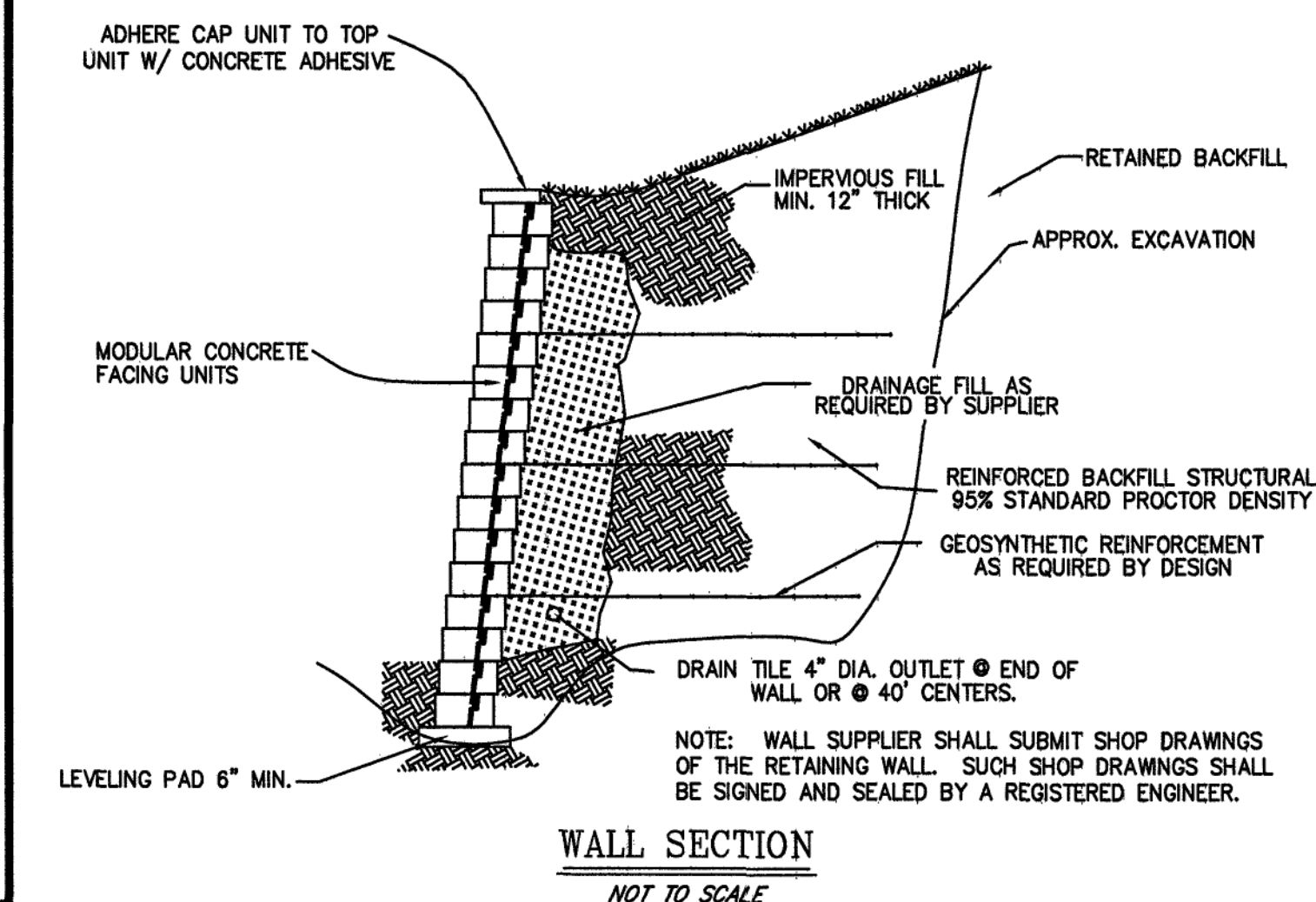


NOTE:
CURB & SIDEWALK MAY BE POURED MONOLITHICALLY. SIDEWALK WIDTH SHOWN ON PLANS INCLUDE CURB. CONTRACTION JOINTS AT 4' TYPICAL. SCORE TO 25% OF SIDEWALK THICKNESS. EXPANSION JOINTS MAX. 30' APART, TRIM JOINT AND APPLY SEALANT.

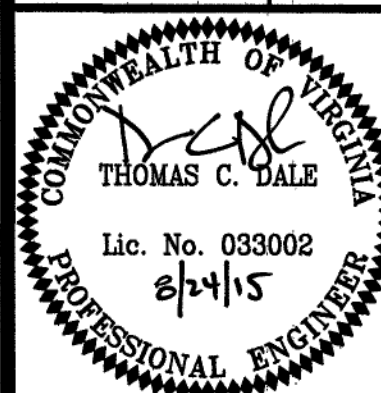


RETAINING WALL NOTES:

1. WALL DETAILS AND PROFILES SHOWN IN THESE PLANS ARE FOR SCHEMATIC DETAIL ONLY.
2. WALL DESIGNER SHALL PROVIDE TO THE OWNER DESIGN DRAWINGS FOR THE RETAINING WALL. SUCH DRAWINGS TO INCLUDE TYPE AND STYLE OF WALLS. DRAWINGS SHALL BE SIGNED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF VIRGINIA. WALL INFORMATION SHOWN IN THESE PLANS ARE FOR SCHEMATIC DETAIL ONLY. LUMSDEN ASSOCIATES ASSUMES NO RESPONSIBILITY OR LIABILITY RELATING TO FAILURES RESULTING FROM SAME.
3. A QUALIFIED GEOTECHNICAL ENGINEER SHOULD MONITOR THE INSTALLATION OF THE RETAINING WALL AND THE CONSTRUCTION OF THE CUT AND FILL SLOPES TO INSURE ADEQUATE SOIL COMPACTION, TESTING, STABILIZATION, SLOPE STABILITY, AND STRUCTURAL INTEGRITY, ETC. GEOTECHNICAL ENGINEER SHALL BE LICENSED AS A PROFESSIONAL ENGINEER IN THE STATE OF VIRGINIA.
4. ALL RETAINING WALLS OVER 2' IN HEIGHT MUST GET APPROVAL AND A PERMIT FROM ROANOKE COUNTY.
5. ALL RETAINING WALLS 4 FEET OR GREATER IN HEIGHT MUST BE DESIGNED BY A PROFESSIONAL ENGINEER.



LUMSDEN ASSOCIATES, P.C.
ENGINEERS-SURVEYORS-PLANNERS
ROANOKE, VIRGINIA



DETAILS & RETAINING
WALL PROFILES

DEVELOPMENT PLAN FOR
THE RETREAT
PREPARED FOR
EDWARD ROSE DEVELOPMENT COMPANY, LLC
CATAWBA MAGISTERIAL DISTRICT
ROANOKE COUNTY, VIRGINIA

NO.	DATE	DESCRIPTION
1	8/24/15	SEE FIELD REVISION TABLE ON SHEET No. 2
2		
3		
4		
5		

DATE: October 10, 2013

SCALE: NONE

COMMISSION NO: 07-130

SHEET 33 OF 38

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