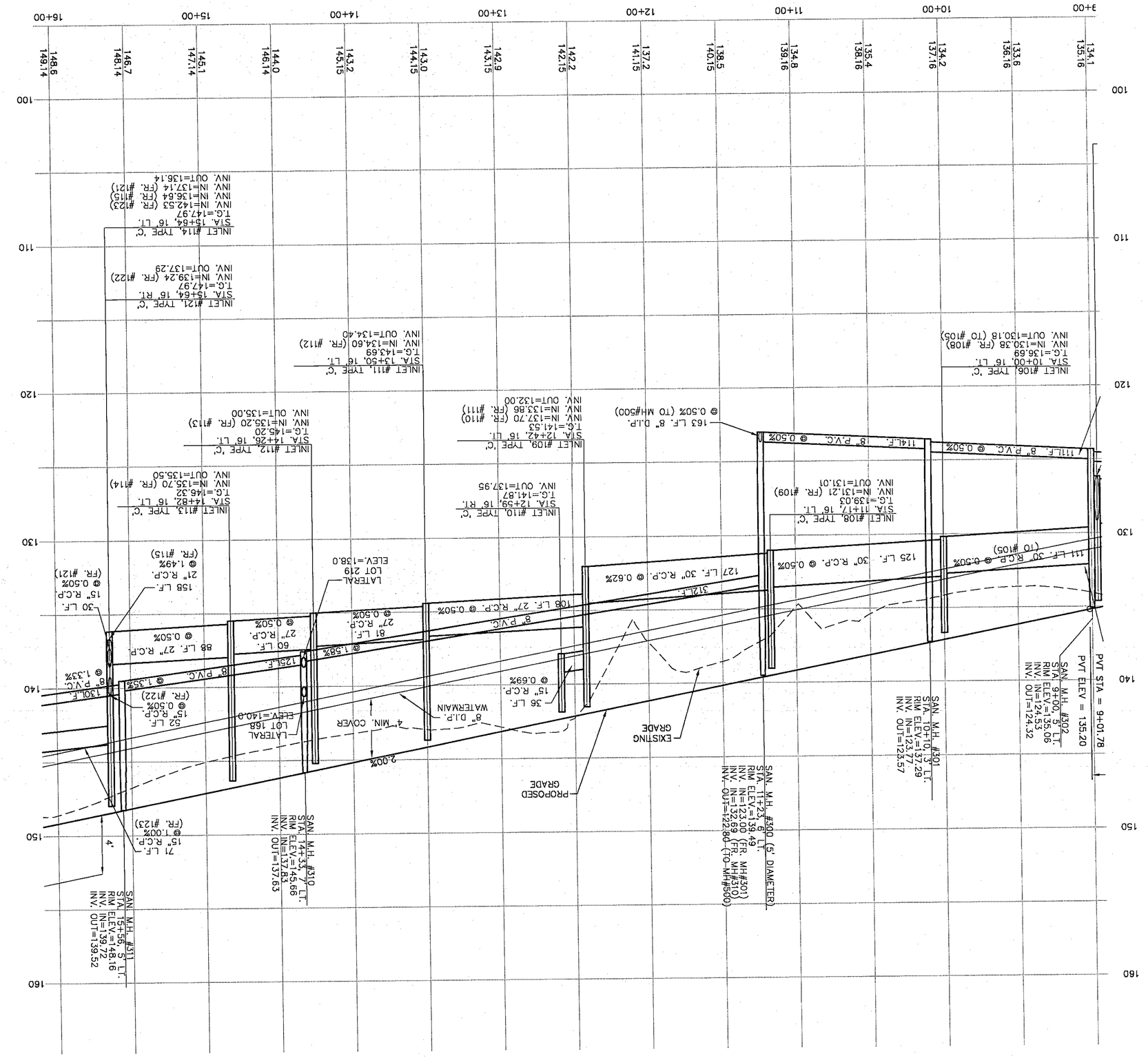
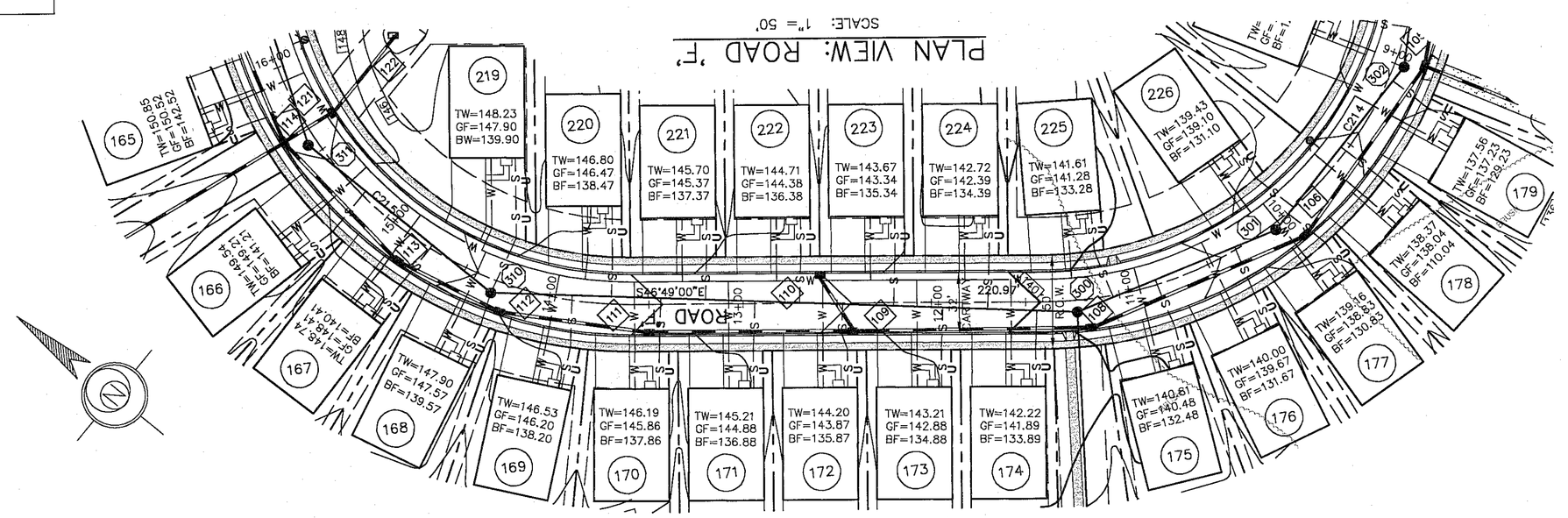
ROAD AND UTILITY PLAN & PROFILE
ROAD 'F' STA. 9+00 TO STA.16+00
REGENCY AT PROVIDENCE
(a.k.a. FOGEL TRACT)

UPPER PROVIDENCE TWP., PENNSYLVANIA

DATE:	SCALE:
12/8/03	AS NOTED
DESIGN: JT	DRAWN: PAB
JOB NO.: 1114	FILE NAME: S-PRO-F-2
REF. NO.: SD07.09	
SHEET NO.: 28 OF 78	

NOTE:
1. CONTRACTOR TO PROVIDE A MINIMUM OF 1.5' OF CLEARANCE WHERE WATERMAIN CROSSES PROPOSED SANITARY SEWER AND STORM SEWER COLLECTION SYSTEM.
2. CONTRACTOR TO PROVIDE A MINIMUM OF TWELVE (12) INCHES OF CLEARANCE BETWEEN STORM SEWER PIPE AND SANITARY SEWER SERVICE LATERALS. DEEP CUT LATERALS AND LATERAL RISERS TO BE USED WHERE NECESSARY.





CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	CHORD BEARING	DELTA
C214	200.00'	398.89'	309.59'	335.99'	N76°02'47"E	114°18'26"
C215	200.00'	291.70'	178.71'	266.52'	S05°02'02"E	83°33'56"

ESE
EASTERN STATES ENGINEERING
CIVIL ENGINEERS - LAND SURVEYORS - LANDSCAPE ARCHITECTS - LAND PLANNERS
250 GIBRALTAR ROAD
SUITE 2E
HORSHAM, PA 19044
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COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL ENGINEER
JAMES D. TAKACS
No. PE-050041

REV.	DATE	DRAWN	DESCRIPTION
1	6/07/04	PAB	AGENCY REVIEW LETTERS, TOWNSHIP COMMENTS
2	6/11/04	MDD	PA. AMERICAN WATER LETTER DATED 6/9/04
3	7/21/04	MDD	AGENCY REVIEW LETTER DATED 6/29/04, 6/30/2004
4	8/04/04	MDD	AGENCY REVIEW LETTER DATED 7/30/04, 8/4/2004
5	11/22/04	MDD	REVIEW LETTER 9/28/04, REQ. A, B, D COMM CTR
6	1/31/05	MDD	FINAL CONSTRUCTION DRAWINGS