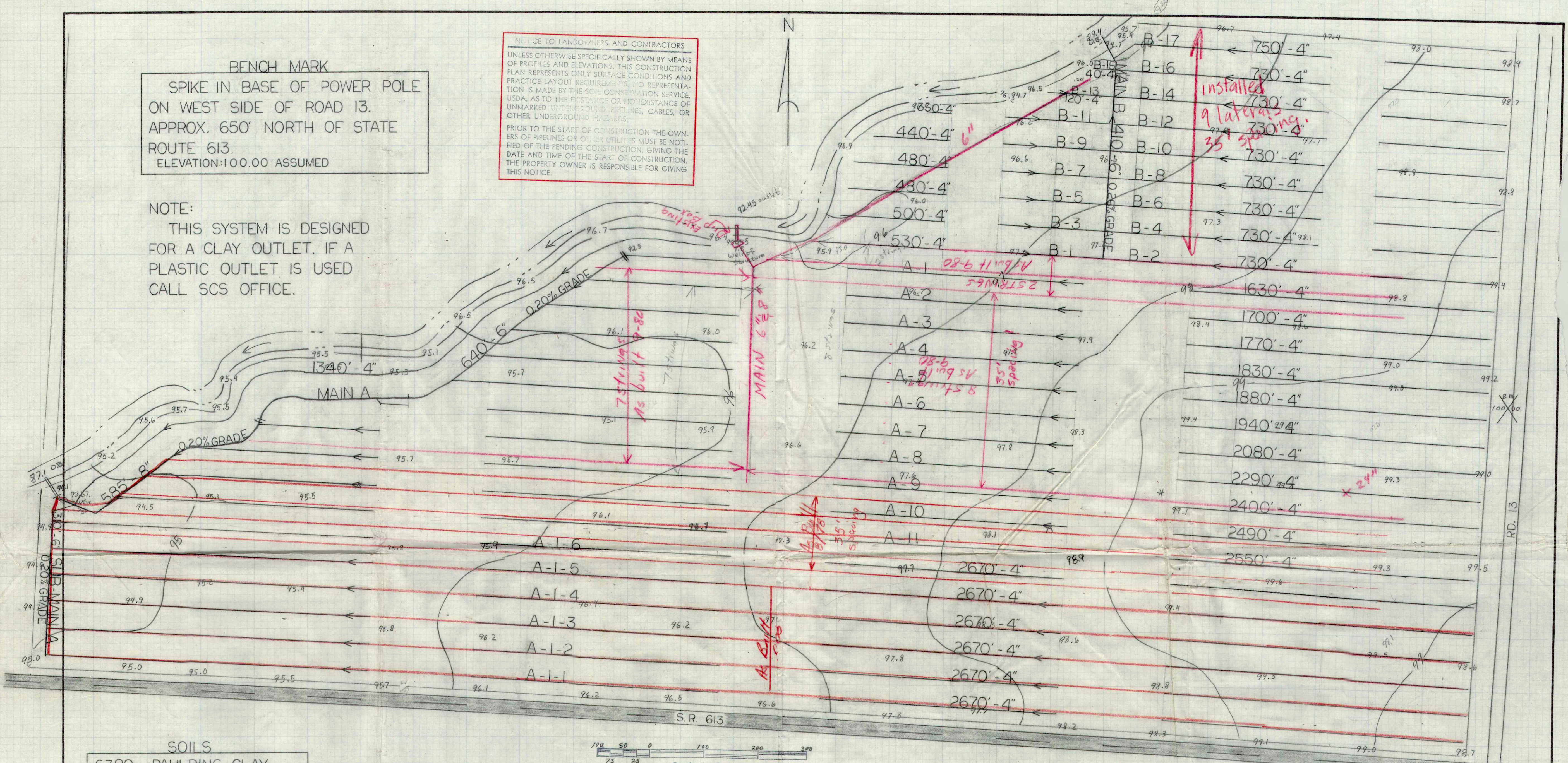


BENCH MARK
SPIKE IN BASE OF POWER POLE
ON WEST SIDE OF ROAD 13.
APPROX. 650' NORTH OF STATE
ROUTE 613.
ELEVATION: 100.00 ASSUMED

NOTE:
THIS SYSTEM IS DESIGNED
FOR A CLAY OUTLET. IF A
PLASTIC OUTLET IS USED
CALL SCS OFFICE.

NOTICE TO LANDOWNERS AND CONTRACTORS
UNLESS OTHERWISE SPECIFICALLY SHOWN BY MEANS
OF PROFILES AND ELEVATIONS, THIS CONSTRUCTION
PLAN REPRESENTS ONLY SURFACE CONDITIONS AND
PRACTICE LAYOUT REQUIREMENTS. NO REPRESENTA-
TION IS MADE BY THE SOIL CONSERVATION SERVICE,
USDA, AS TO THE EXISTENCE OR NON-EXISTENCE OF
UNMARKED UTILITIES, CABLES, OR
OTHER UNDERGROUND OBSTACLES.
PRIOR TO THE START OF CONSTRUCTION THE OWN-
ERS OF PIPELINES OR OTHER UTILITIES MUST BE NOTI-
FIED OF THE PENDING CONSTRUCTION, GIVING THE
DATE AND TIME OF THE START OF CONSTRUCTION.
THE PROPERTY OWNER IS RESPONSIBLE FOR GIVING
THIS NOTICE.



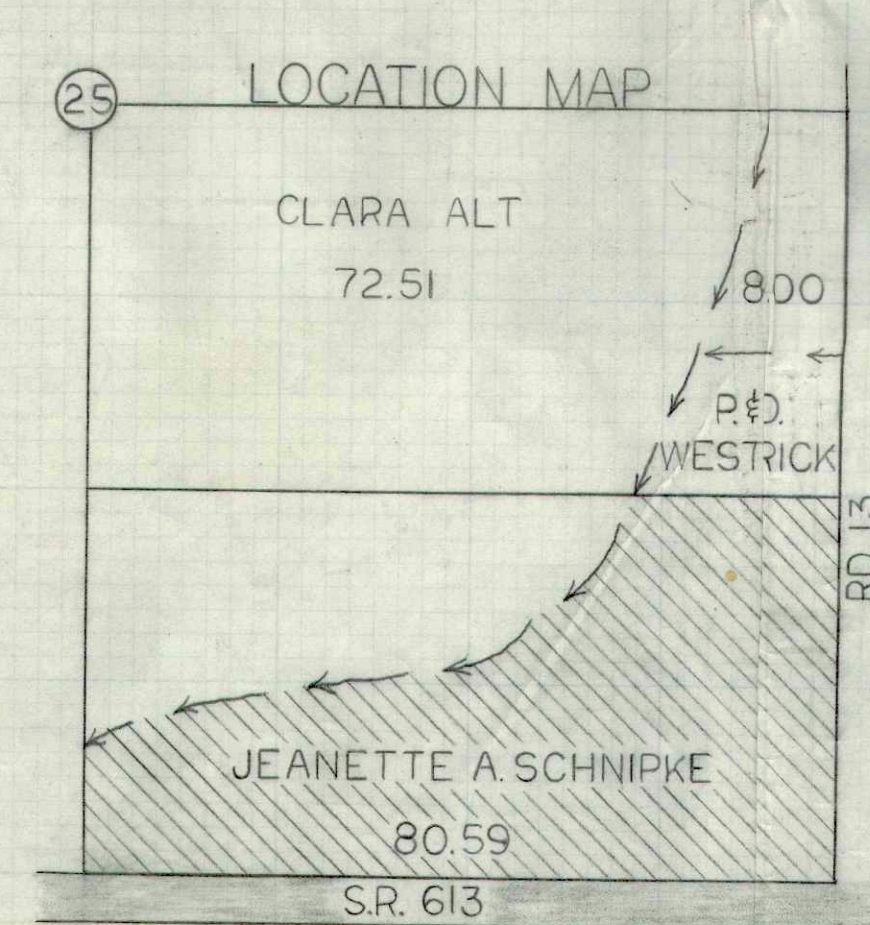
SOILS
6389 - PAULING CLAY
9188 - TOLEDO SILTY CLAY
632 - ROSELMS SILT LOAM

BILL OF MATERIALS

	8"	6"	4"	
MAIN A	585'	640'	23,900'	8' OF 10" PIPE
SUB MAIN A		310'	16,020'	
MAIN B		410'	9,530'	12' OF 8" PIPE
TOTAL	585'	1,360'	49,850'	

DESIGN DATA

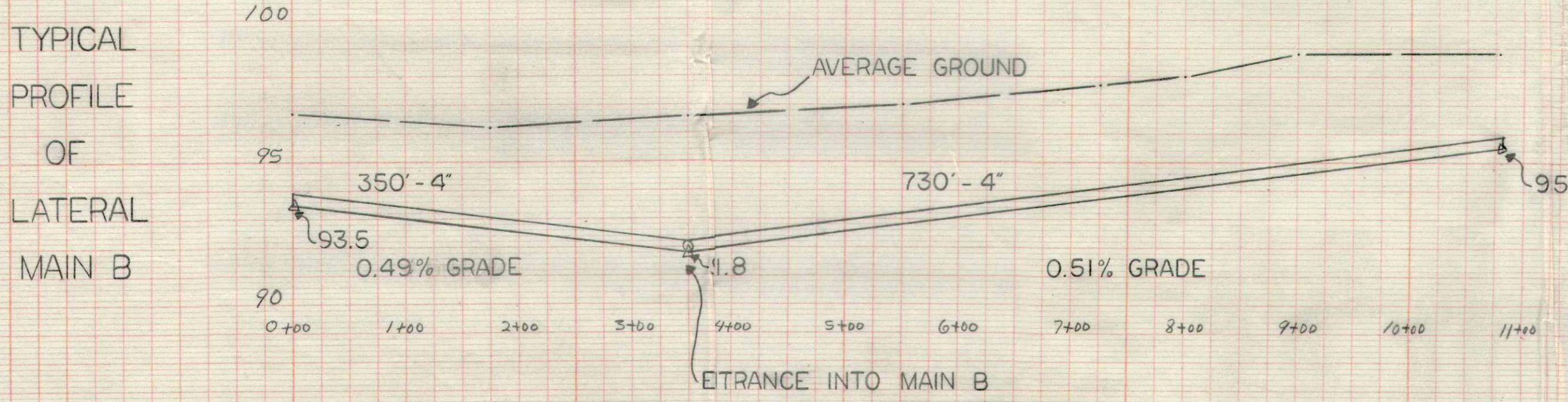
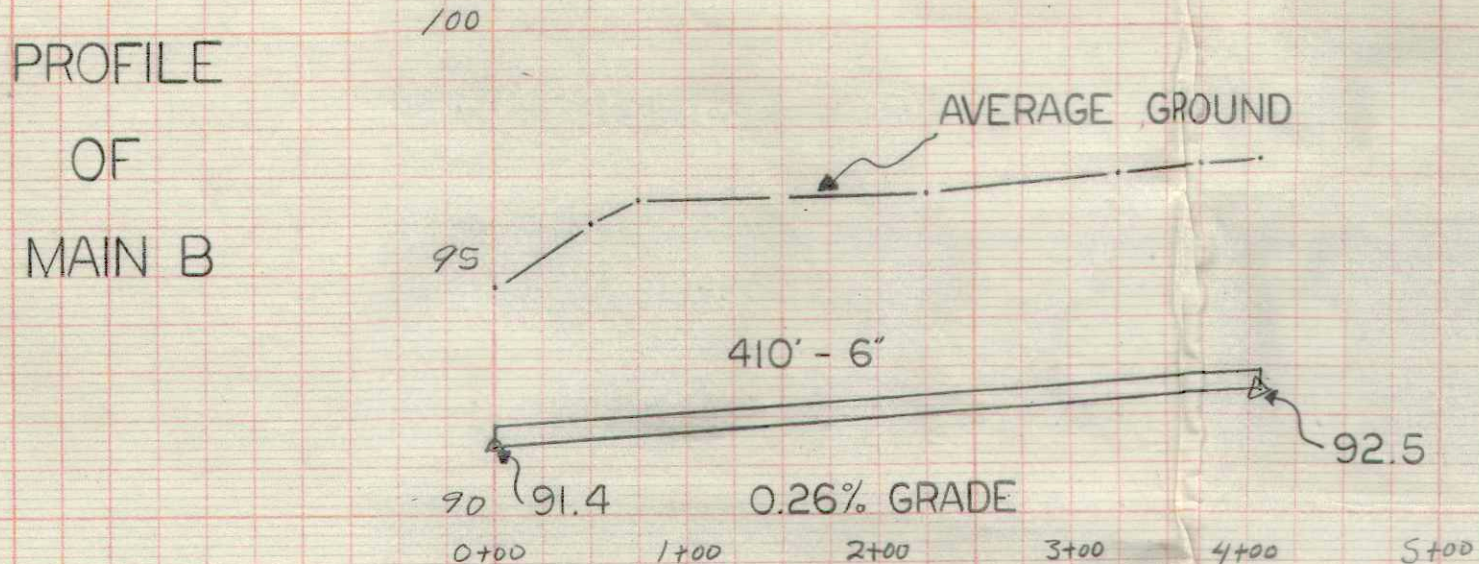
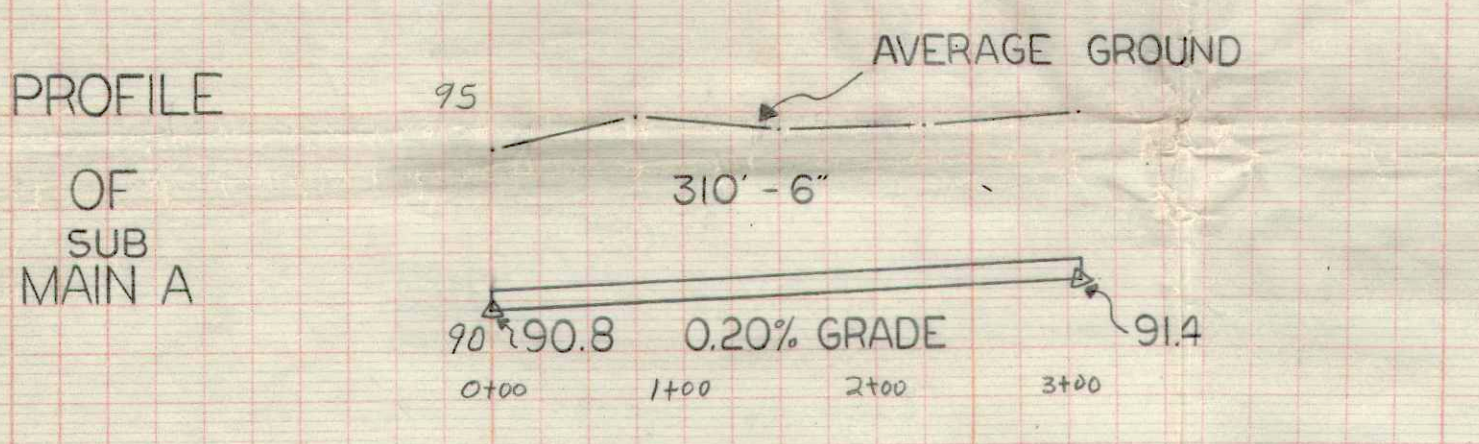
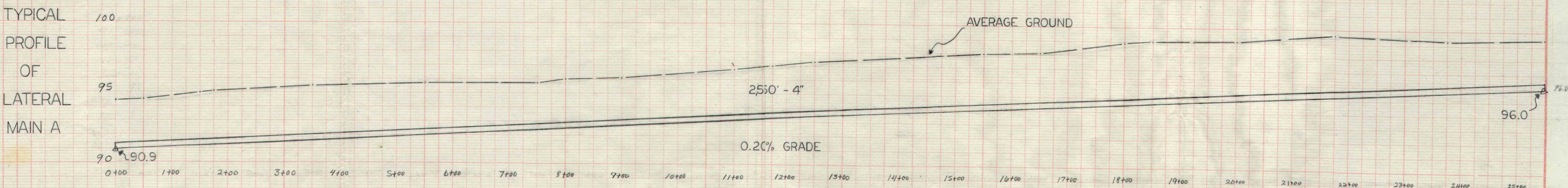
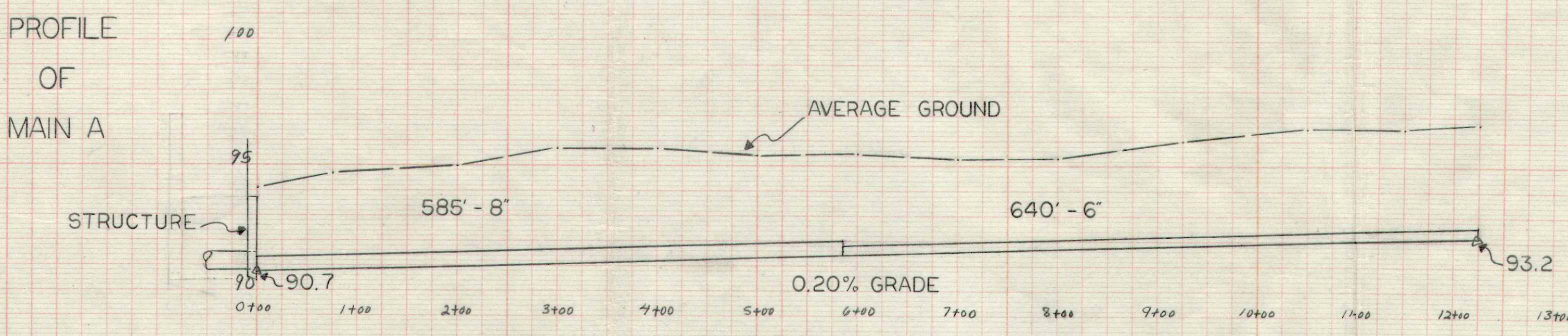
	STATION	SIZE	GRADE	ACRES	CAP. 3/8"
MAIN A	5+85	6"	0.20%	17.8	19.5
	0+00	8"	0.20%	26.6	41.4
SUB MAIN A	0+00	6"	0.20%	18.7	19.1
MAIN B	0+00	6"	0.26%	10.9	21.7



JEANETTE GLUSS
PROPOSED TILE
SEC. 25 PALMER TWP. PUTNAM CO. OHIO
U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Designed by D. BOWERS 4-75
Drawn by D. BOWERS 1-75
Traced by _____
Checked by _____

Approved by _____
Title _____
Sheet No. 1 of 2
Drawing No. OH-1-87-75-41



MAINTENANCE
THE CROP ROTATION SHOULD BE MAINTAINED DEEP-ROOTED LEGUMES
AND GRASS CROPS TO BE MAINTAINED IN A CONDITION
SO THAT THE TILE SYSTEM IS NOT CLOGGED.
THE OUTLET SHOULD BE KEPT FREE OF SILT AND
DEBRIS AT ALL TIMES.
ALL TILE MUST MEET ASTM DESIGNATIONS C 412, C 4,
OR C 498 FOR STANDARD OR BETTER TILE AT THE TIME
OF INSTALLATION. ALL CORRUGATED POLYETHYLENE
DRAINAGE TUBING MUST MEET THE REQUIREMENT OF SCS
NATIONAL ENGINEERING STANDARD, CODE 606.

CONSTRUCTION DATA
TILE SPACING 50' FT. EXCEPTIONS NOTED ON PLAN
MINIMUM DEPTH OF LATERALS 30". AVERAGE 36" TO 42".
USE MANUFACTURED BY CHOWS
GAP BETWEEN TILE 1/4" TO 3/8"
BLIND TILE 1/4" TO 3/8"
TILE OUTLETS SHOULD BE GUARDED
BY METAL PIPE AND BE GUARDED
TILE MAINS LAY ON A GRADE SHIP THAN 1.0%
SHOULD BE LAID CLOSE AND EARTH TAMPED AROUND
THE TILE.
ACRES BENEFITED 56.2

- LEGEND
- ROAD
 - FENCE
 - PROPERTY LINE
 - EXISTING TILE
 - PROPOSED TILE
 - NEW INSTALLATION
 - STATIONS
 - BENCH MARK
 - LANE
 - STREAM
 - CONTOUR ELEVATIONS
 - SOIL TYPE SYMBOLS 6086
 - BREATH-RELIEF WELL

JEANETTE GLUSS
PROPOSED TILE
SEC. 25 PALMER TWP. PUTNAM CO. OHIO
U. S. DEPARTMENT OF AGRICULTURE
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