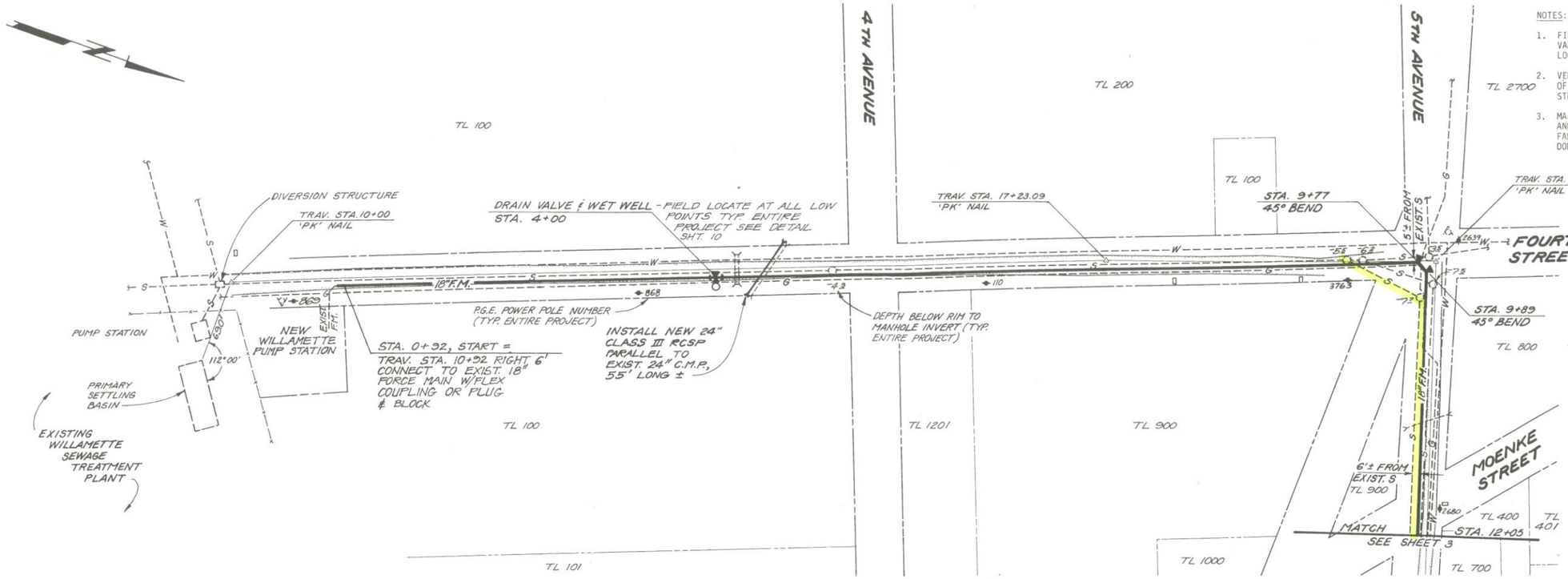
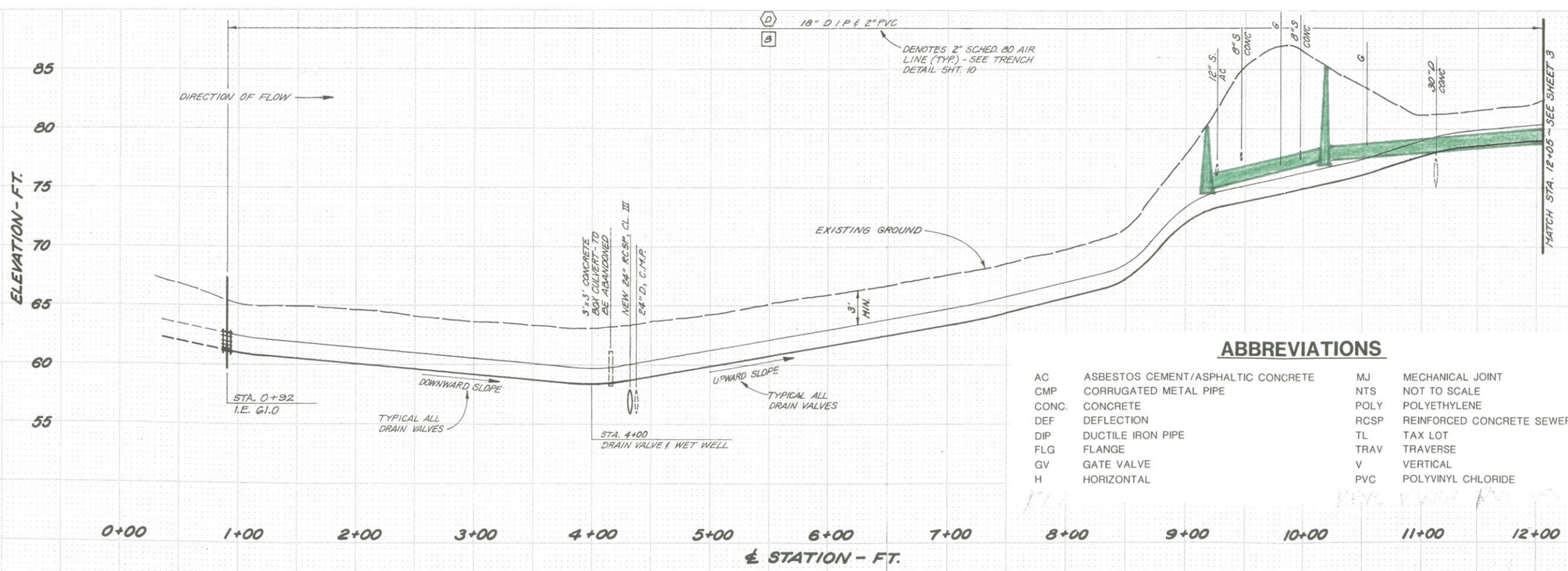
NOTES:

1. FIELD LOCATE ALL AIR RELEASE VALVES & DRAIN VALVES AT ACTUAL HIGH AND LOW POINTS, RESPECTIVELY. LOCATIONS SHOWN ARE APPROXIMATE.
2. VERIFY BY POT-HOLING THE LOCATION AND ELEVATION OF ALL UTILITY CROSSINGS PRIOR TO STARTING CONSTRUCTION OF PIPELINES.
3. MAINTAIN RISING SLOPES DOWNSTREAM OF DRAIN VALVES AND UPSTREAM OF AIR RELEASE VALVES. MAINTAIN FALLING SLOPES UPSTREAM OF DRAIN VALVES AND DOWNSTREAM OF AIR RELEASE VALVES.



NOTE:

PROPERTY BOUNDARIES REPRESENTED ON THIS DRAWING ARE APPROXIMATE ONLY BASED ON ASSESSORS RECORDS AND DO NOT CONSTITUTE A PROPERTY SURVEY.



ABBREVIATIONS

AC	ASBESTOS CEMENT/ASPHALTIC CONCRETE	MJ	MECHANICAL JOINT
CMP	CORRUGATED METAL PIPE	NTS	NOT TO SCALE
CONC.	CONCRETE	POLY	POLYETHYLENE
DEF	DEFLECTION	RCSP	REINFORCED CONCRETE SEWER PIPE
DIP	DUCTILE IRON PIPE	TL	TAX LOT
FLG	FLANGE	TRAV	TRAVERSE
GV	GATE VALVE	V	VERTICAL
H	HORIZONTAL	PVC	POLYVINYL CHLORIDE

REGISTERED PROFESSIONAL ENGINEER 7754 OREGON JULY 13, 1973 PHILIP H. SMITH

NO.	REVISION	BY	DATE

PLAN & PROFILE
STA. 0+00 to 12+05

SCALE 1" = 50' H., 1" = 5' V. | DATE FEB., 1986

TRI-CITY SERVICE DISTRICT
CLACKAMAS COUNTY, OREGON
WEST LINN FORCE MAIN AND GRAVITY SEWER

DESIGNED NLV | DRAWN R.F.D. | CHECKED P.H.S.

MURRAY, SMITH & ASSOCIATES, P.C.
Engineers / Planners
Yeon Square
1800 S.W. First Avenue
Portland, Oregon 97201
503-225-9010
MSA

SHEET 2 of 17

FILE NO. 83-0066.20

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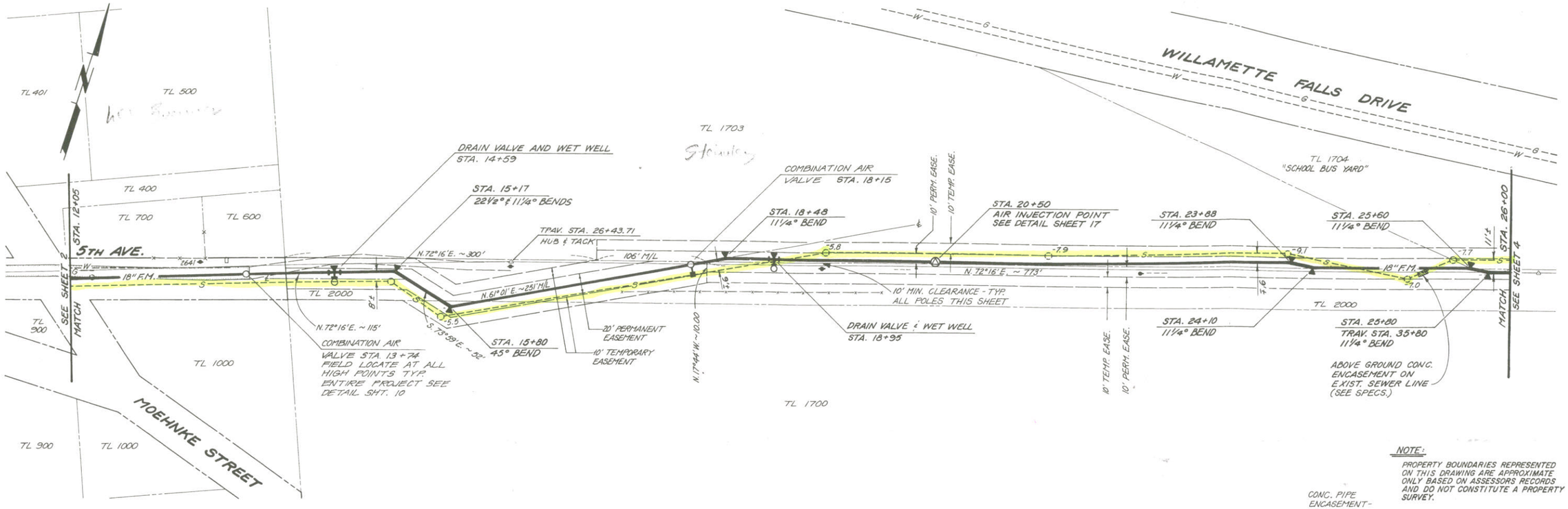

NOTE:
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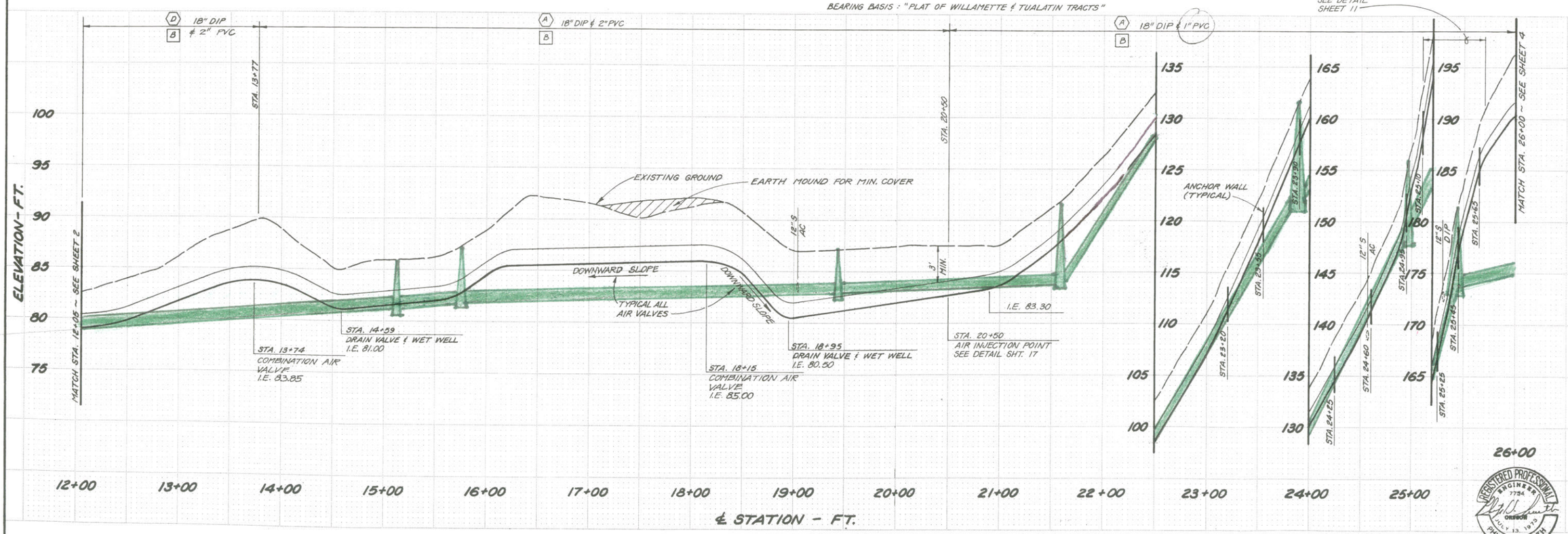
BEARING BASIS : "PLAT OF WILLAMETTE & TUALATIN TRACTS"



REGISTERED PROFESSIONAL ENGINEER 7734 OREGON JULY 13, 1973 PHILIP H. SMITH

NO.	REVISION	BY	DATE

PLAN & PROFILE
STA 12+05 to 26+00

SCALE 1" = 50' H, 1" = 5' V. | DATE FEB., 1986

TRI-CITY SERVICE DISTRICT
CLACKAMAS COUNTY, OREGON
WEST LINN FORCE MAIN
AND GRAVITY SEWER

DESIGNED N.L.V. | DRAWN R.F.D. | CHECKED P.H.S.

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SHEET 3 of 17

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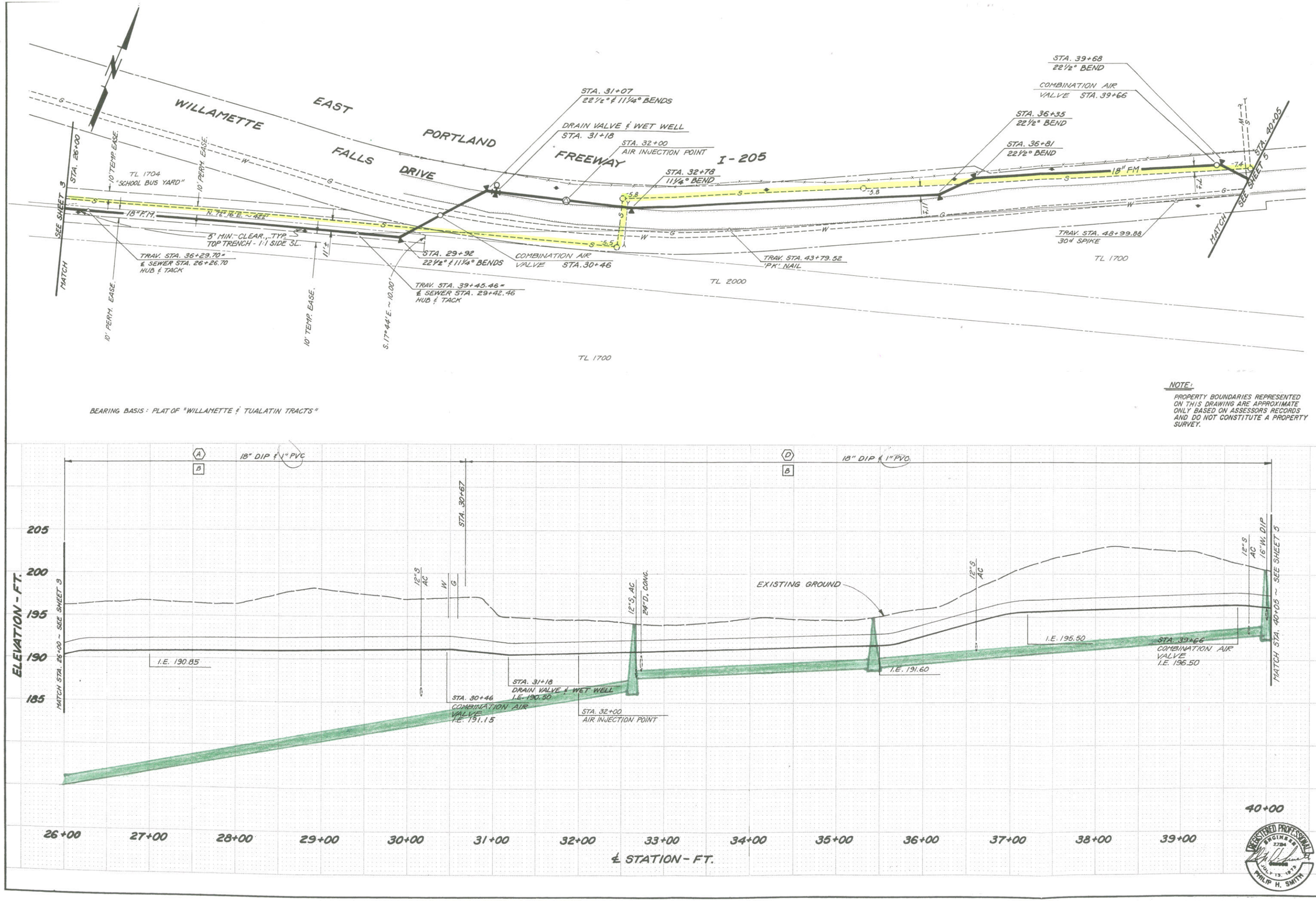

NO.	REVISION	BY	DATE

PLAN & PROFILE
STA. 26+00 to 40+05

SCALE 1" = 50' H, 1" = 5' V. | DATE FEB., 1986

TRI-CITY SERVICE DISTRICT
CLACKAMAS COUNTY, OREGON
WEST LINN FORCE MAIN
AND GRAVITY SEWER

DESIGNED NLV | DRAWN RFD | CHECKED PHS

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MSA

REGISTERED PROFESSIONAL ENGINEER 7784 OREGON JULY 13, 1973 PHILIP H. SMITH

SHEET 4 of 17

FILE NO. 83-0066.20

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