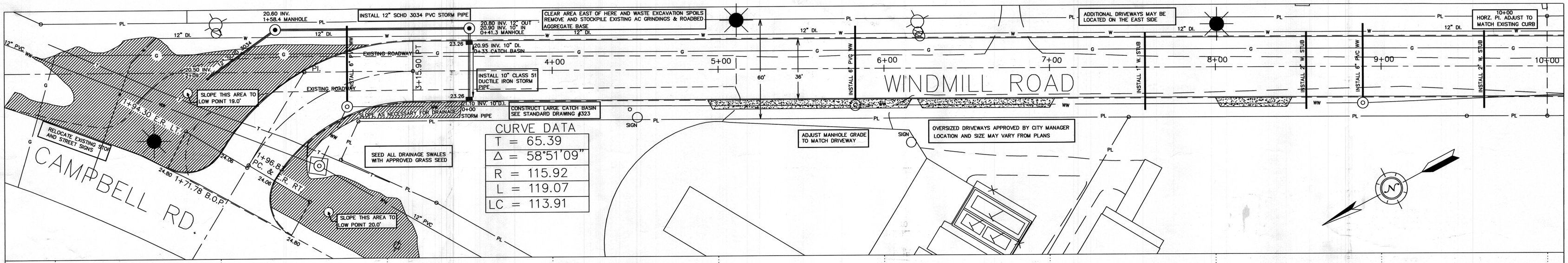
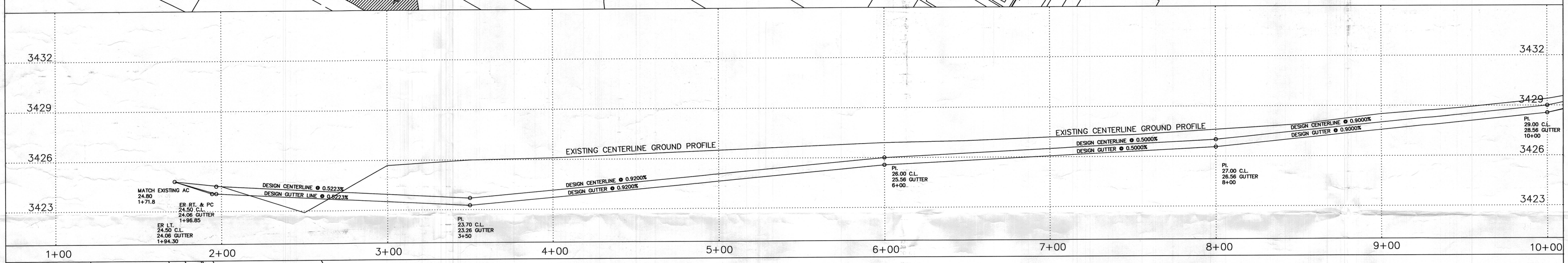
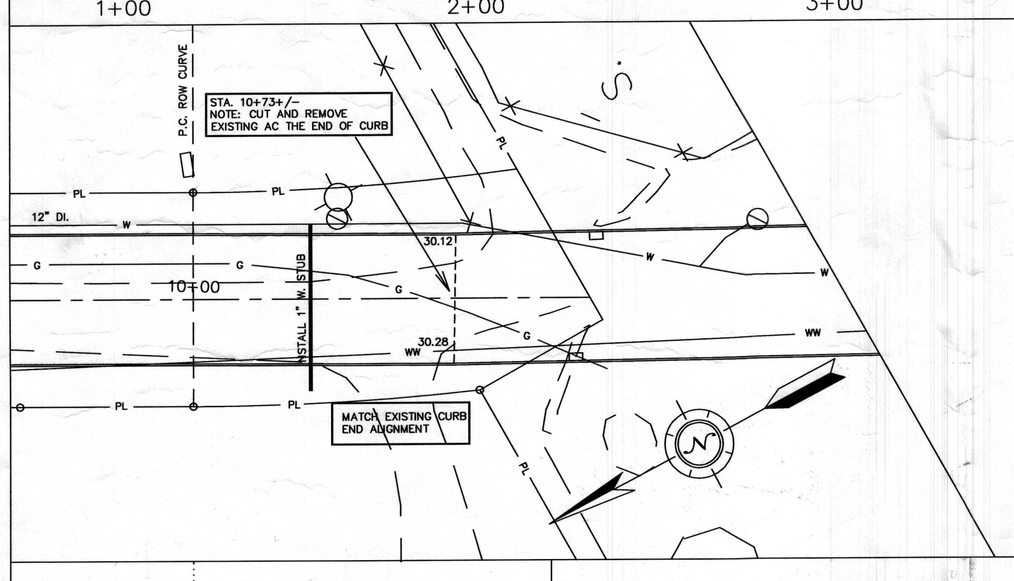


CURVE DATA

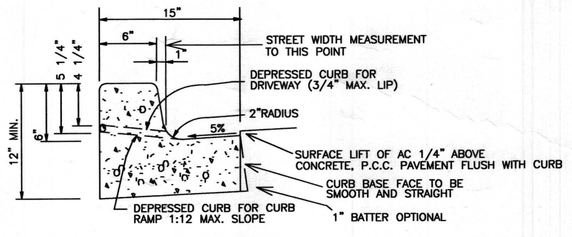
T =	65.39
Δ =	58°51'09"
R =	115.92
L =	119.07
LC =	113.91



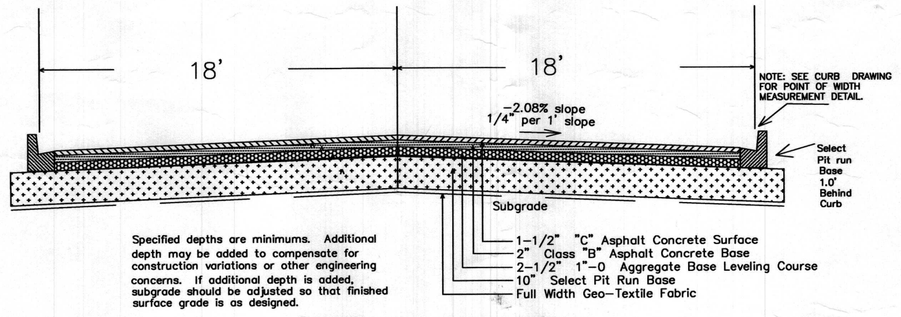


AIRMAP COORDINATES

POINT DESCRIPTION	NORTH	EAST
C.L. 1+96.83 P.C.	419244.33	8902761.12
C.L. PI.	419188.29	8902794.81
C.L. 3+15.90 P.T.	419130.47	8902764.26
C.L. 10+00	418525.59	8902444.72

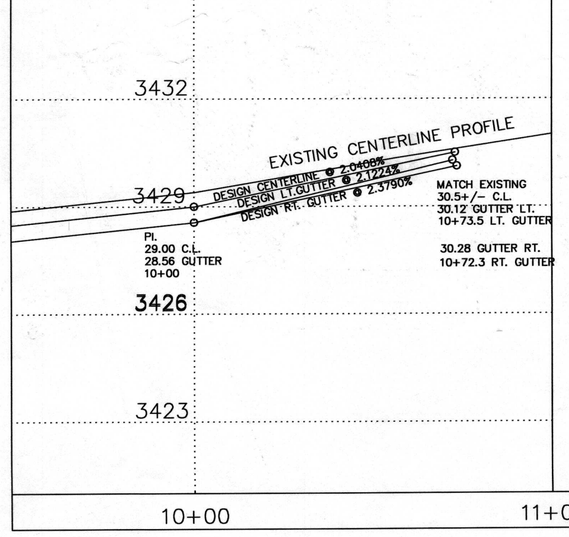


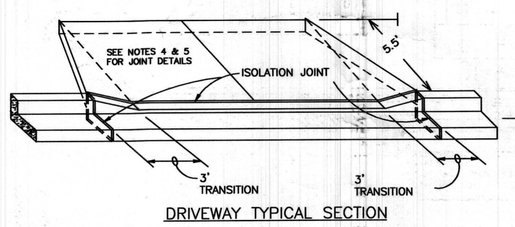
TYPICAL CURB & GUTTER
NOT TO SCALE



Specified depths are minimums. Additional depth may be added to compensate for construction variations or other engineering concerns. If additional depth is added, subgrade should be adjusted so that finished surface grade is as designed.

ASPHALT PAVING STANDARD
NOT TO SCALE





DRIVEWAY TYPICAL SECTION

NOTES:

1. DRIVEWAYS SHALL HAVE A MINIMUM THICKNESS OF SIX INCHES(15cm) OF CLASS 3000 PCC.
2. DRIVEWAYS SHALL HAVE A MINIMUM THICKNESS OF SIX INCHES(15cm) OF 3/4"-0 AGGREGATE BASE INSTALLED AS PER SECTION 207A. WELL GRADED WASHED GRAVEL, NOT TO EXCEED 3/4" AGGREGATE MAY ALSO BE USED.
3. MINIMUM WIDTH DRIVEWAY SHALL BE 10'(3m). MAXIMUM WIDTH DRIVEWAY SHALL BE 24'(7.3m) UNLESS OTHERWISE APPROVED BY THE CITY.
4. CONTRACTION JOINTS SHALL BE EVENLY SPACED BETWEEN ISOLATION JOINTS AT NO GREATER THAN 15'(457cm) SPACING IN ANY DIRECTION. JOINT SPACING SHALL BE SUCH THAT NO ONE SIDE DIMENSION EXCEEDS 150% OF EITHER CONNECTING SIDE DIMENSION.

LEGEND

EXISTING

- Right-of-way Centerline
- x — Fence
- ST — Storm Water Line
- PL — Property Line
- WW — Waste Water Line
- G — Gas Line
- T — Telephone Line
- W — Existing Water Line
- Existing fire hydrant
- Existing Manhole
- Existing Catch Basin

EXISTING

- Existing Street Light
- Existing Power Pole
- Down Guy
- Survey Control Point
- Existing Water Valve
- Existing water meter
- Bush or tree
- Existing Curb

PROPOSED

- Proposed Drainage Swale
- Proposed Concrete Driveway
- Proposed Curb
- Proposed Catch Basin
- Proposed Manhole
- Proposed Street Light

CONSTRUCTION NOTES

STREET CONSTRUCTION
STREET CONSTRUCTION SHALL BE IN ACCORDANCE WITH "CITY OF BAKER 1997 STANDARD SPECIFICATIONS AND DRAWINGS FOR PUBLIC WORKS CONSTRUCTION".

EXCAVATOR REGULATIONS
ATTENTION: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER AT 503-232-1987.

VERTICAL DATUM
TOP OF T-POST (BC53) ELEVATION 3450.56'
AIR MAP COORDINATES N. 418198.41, E. 8902031.59

STATIONING AND ALIGNMENT
STATION 10+00 IS LOCATED AT THE CENTERLINE OF THE WINDMILL ROAD AND THE PC (NORTH END) OF A 716.2' RADIUS CURVE

UNDERGROUND UTILITIES
UTILITY COMPANIES NEED TO PLAN FOR FUTURE DEVELOPENT OF THE LOTS ADJOINING THIS STREET PROJECT. ALL UNDERGROUND UTILITIES TO SERVE THESE LOTS NEED TO BE IN PLACE PRIOR TO STREET CONSTUCTION. UTILITIES NEEDED INCLUDE WASTEWATER, WATER, ELECTRICAL, QWEST, CABLE AND NATURAL GAS.

TEMPORARY DETOUR ROUTE
BRIAN WALDROP HAS GIVEN VERBAL PERMISSION TO ALLOW FOR A TEMPORARY DETOUR THROUGH HIS PROPERTY DURING CONSTRUCTION OF THIS PROJECT. DETOUR MUST BE MARKED CONES AND LOCATED TO HIS SATISFACTION.

DRAFT

JOB. NO. 9.2.2.01.02

BAKER CITY, OREGON

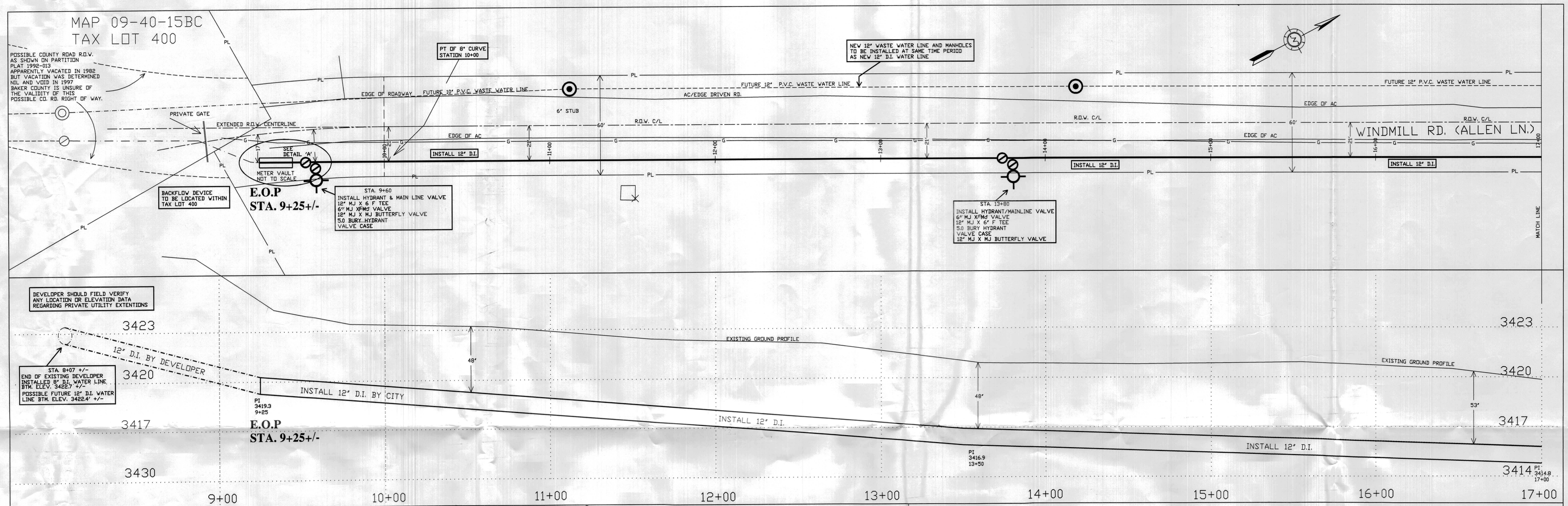
Office of Technical Services

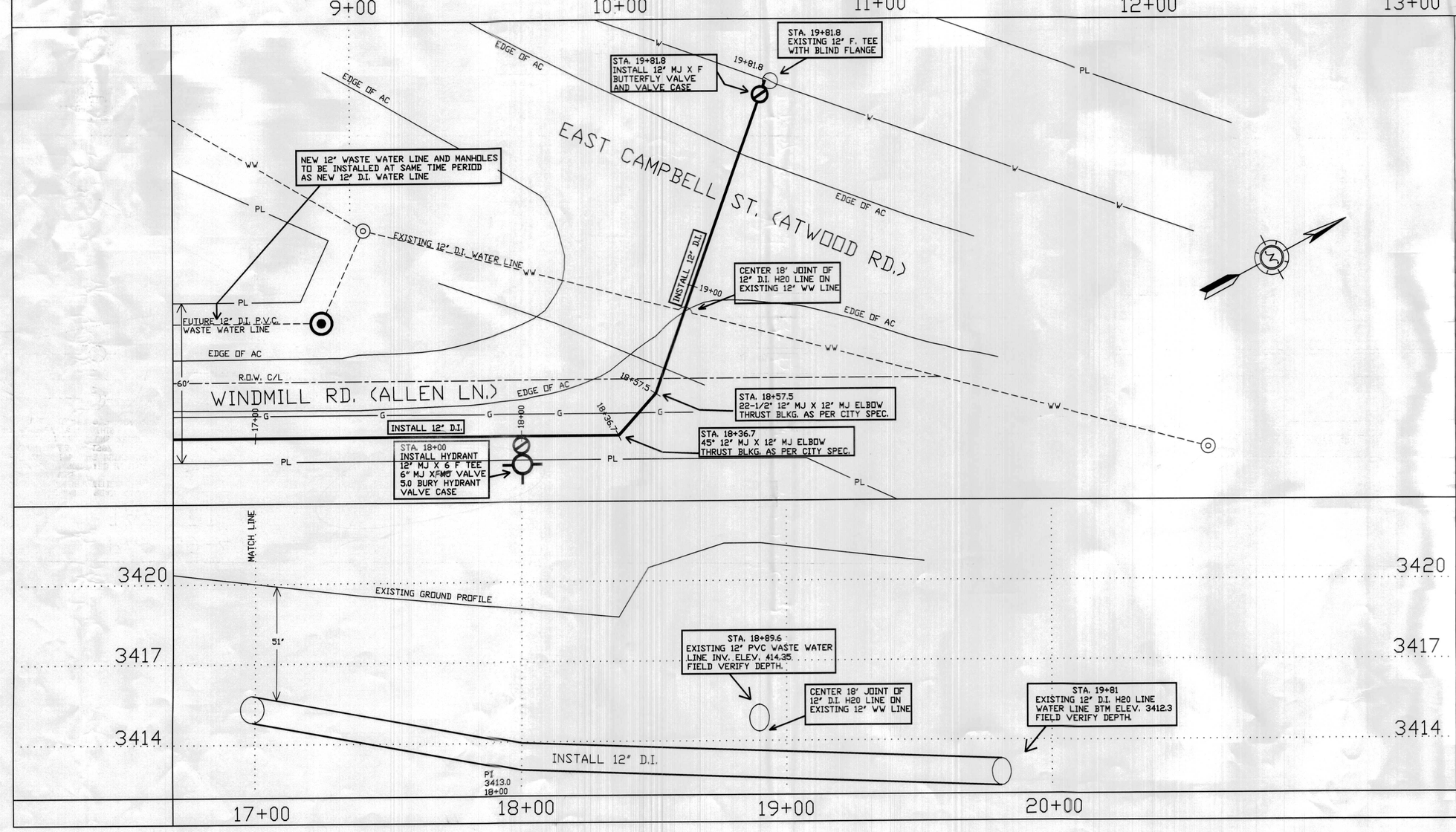
WINDMILL RD.

E. CAMPBELL – SOUTH

PRIMARY STREET CONSTRUCTION

DATE:	SEPTEMBER 2001	SCALE:	1"=30' HORZ 1"=3' VERT.
DRAWN: GVP	SHEET 1 OF 1	FILE:	WINDMILL2001





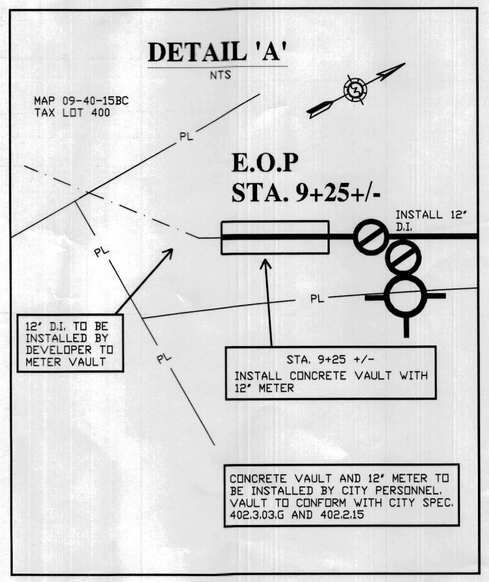
LEGEND

PROPOSED

- PROPOSED WATER VALVE
- PROPOSED WATER METER
- PROPOSED FIRE HYDRANT
- PROPOSED MANHOLE
- PROPOSED PVC WASTE WATER LINE BY CITY
- PROPOSED PVC WASTE WATER LINE BY DEVELOPER
- PROPOSED WATER LINE

EXISTING

- EXISTING WATER VALVE
- EXISTING WATER METER
- EXISTING FIRE HYDRANT
- EXISTING MANHOLE
- EXISTING CATCH BASIN
- EXISTING BUSH OR TREE
- EXISTING POWER POLE
- EXISTING STREET LIGHT
- EXISTING DOWN GUY
- SURVEY CONTROL POINT
- C/L CENTERLINE
- EXISTING PVC WASTE WATER LINE BY DEVELOPER
- RIGHT-OF-WAY CENTERLINE
- X EXISTING FENCE
- ST EXISTING STORM WATER LINE
- PL PROPERTY LINE
- WW EXISTING WASTE WATER LINE
- G EXISTING GAS LINE
- T EXISTING TELEPHONE LINE
- V EXISTING WATER LINE



CONSTRUCTION NOTES

WATER LINE
WATER LINE SHALL BE PRESSURE TESTED IN ACCORDANCE WITH AWWA C600, SECTION 4, AND DISINFECTED IN ACCORDANCE WITH AWWA C601 SEE CITY OF BAKER CITY STANDARD SPECIFICATIONS.

EXCAVATOR REGULATIONS
EXCAVATOR FOR THIS PROJECT MUST COMPLY WITH THE PROVISIONS OF ORS 757.541 TO 757.571.

VERTICAL DATUM
NORTH RIM OF WASTE WATER MANHOLE LOCATED APPROX. 350' DOWNSTREAM FROM B.O.P. MANHOLE ELEV. 3421.40'

STATIONING
STATION 10+00 IS LOCATED AT THE PT OF 8° CURVE LOCATED NEAR THE SOUTH END OF WINDMILL RD.

GRADE SEPARATION
WASTE WATER MAIN LINES CROSSINGS AND PARALLEL INSTALLATION WILL BE WITHIN THE OREGON HEALTH DIVISION ZONE 1 AREA. VERTICAL SEPARATION WILL BE A MINIMUM OF 18". IF WASTE WATER LATERAL CROSSINGS ARE ENCOUNTERED WITH LESS THAN 18" CLEARANCE, THEN CENTER WATER LINE JOINT AT THE CROSSING.

EXISTING WATER SERVICES
THERE ARE NO EXISTING WATER SERVICES AFFECTED BY THIS PROPOSED LINE.

JOB. NO. 4.2.1.99.05

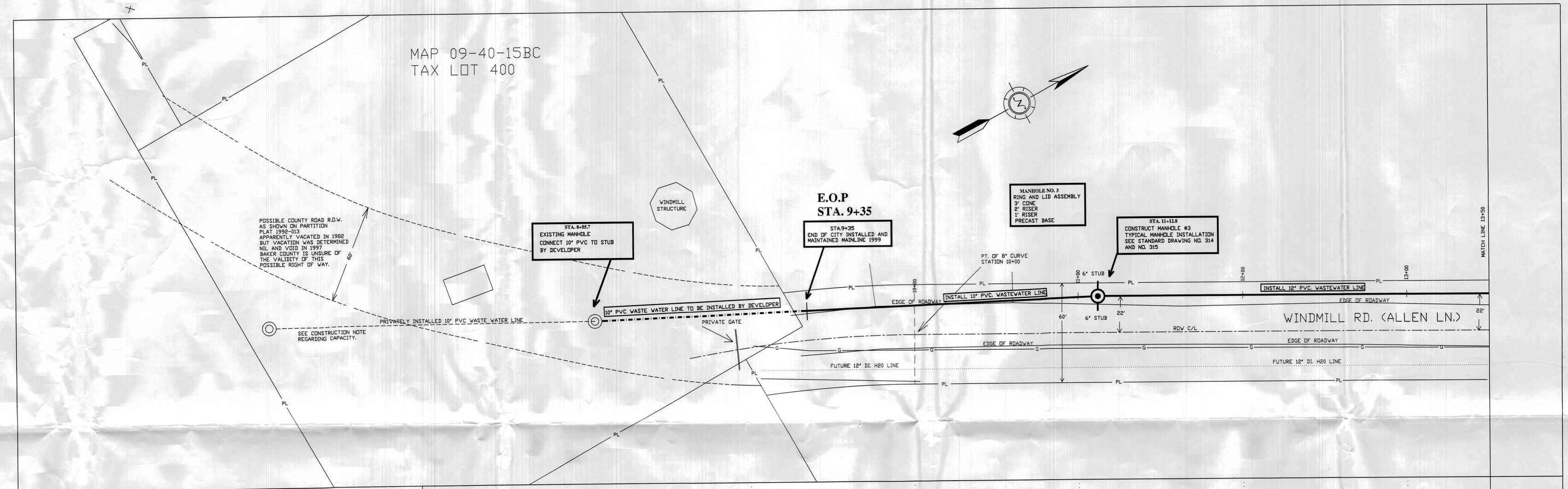
BAKER CITY, OREGON

Office of Technical Services

WINDMILL RD.
E. CAMPBELL - SOUTH
WATER DISTRIBUTION SYSTEM EXPANSION

DRAFT

DATE:	APRIL 1999	SCALE:	1"=30' HORZ. 1"=3' VERT.
DRAWN:	GVP & LPM	FILE:	WINDILL



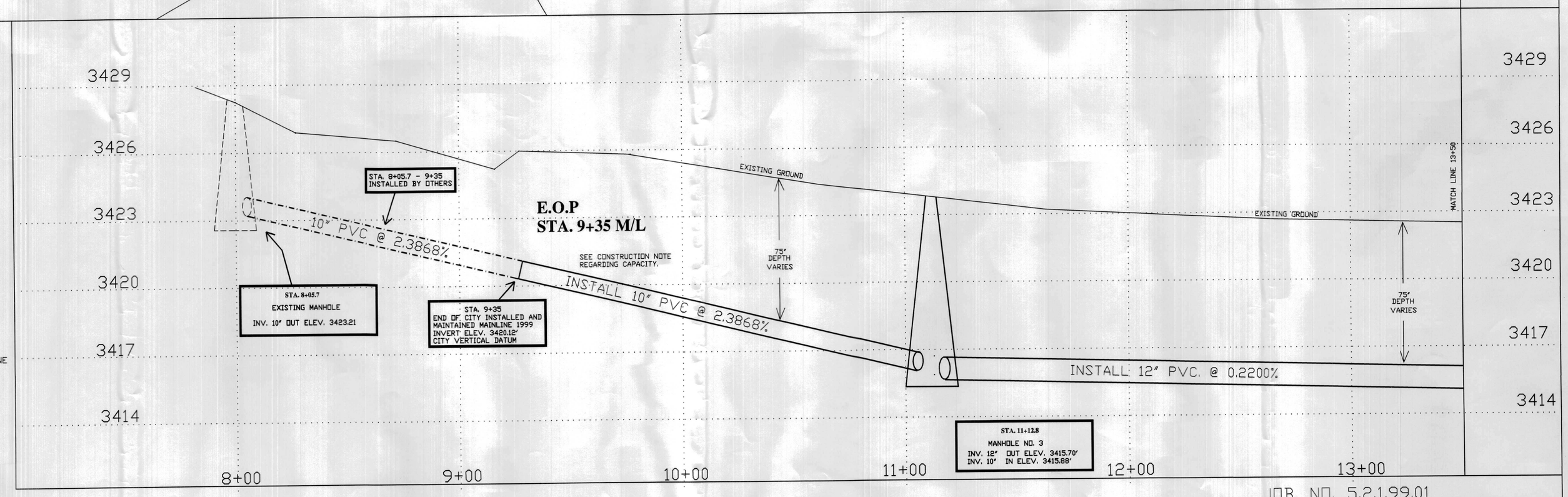
LEGEND

PROPOSED

- PROPOSED WATER VALVE
- PROPOSED WATER METER
- PROPOSED FIRE HYDRANT
- PROPOSED MANHOLE
- PROPOSED PVC WASTE WATER LINE BY CITY
- PROPOSED PVC WASTE WATER LINE BY DEVELOPER
- PROPOSED WATER LINE

EXISTING

- EXISTING WATER VALVE
- EXISTING WATER METER
- EXISTING FIRE HYDRANT
- EXISTING MANHOLE
- EXISTING CATCH BASIN
- EXISTING BUSH OR TREE
- EXISTING POWER POLE
- EXISTING STREET LIGHT
- EXISTING DOWN GUY
- SURVEY CONTROL POINT
- C/L CENTERLINE
- EXISTING PVC WASTE WATER LINE BY DEVELOPER
- RIGHT-OF-WAY CENTERLINE
- EXISTING FENCE
- EXISTING STORM WATER LINE
- PROPERTY LINE
- EXISTING WASTE WATER LINE
- EXISTING GAS LINE
- EXISTING TELEPHONE LINE
- EXISTING WATER LINE



CONSTRUCTION NOTES

WASTE WATER LINE
WASTE WATER LINE SHALL BE AIR TESTED BY THE TIME PRESSURE DROP METHOD IN ACCORDANCE WITH BAKER CITY STANDARD SPECIFICATIONS AND 1990 APWA STANDARD SPECIFICATIONS SEE CITY OF BAKER CITY STANDARD SPECIFICATIONS FOR DETAILS. DEFLECTION TESTING SHALL BE COMPLETED IN ACCORDANCE WITH BAKER CITY STANDARD SPECIFICATION 303.3.10

MANHOLE TESTING
MANHOLES SHALL BE HYDROSTATICALLY TESTED AS PER BAKER CITY 1997 REVISED STANDARD SPECIFICATION 306.3.03 HYDROSTATIC TESTING

EXCAVATOR REGULATIONS
EXCAVATOR FOR THIS PROJECT MUST COMPLY WITH THE PROVISIONS OF ORS 757.541 TO 757.571.

VERTICAL DATUM
NORTH RIM OF WASTE WATER MANHOLE LOCATED APPROX. 350' DOWNSTREAM FROM B.O.P. MANHOLE ELEV. 3421.40' CITY DATUM.

STATIONING
STATION 10+00 IS LOCATED AT THE PT OF 8° CURVE LOCATED NEAR THE SOUTH END OF WINDMILL RD.

FUTURE CAPACITY
NOTE THAT DUE TO THE SLOPE, THE PRIVATE SYSTEM EXCEEDS THE CAPACITY OF THE CITY SYSTEM. FUTURE EXPANSION OF THE PRIVATE SYSTEM BEYOND THE CAPACITY OF THE CITY SYSTEM WILL NOT BE ALLOWED.

LATERAL CONNECTIONS
NO LATERALS WILL BE ALLOWED BETWEEN STATION 9+35 AND 11+12.8 UNTIL THE CONNECTION IS COMPLETED TO THE MANHOLE AT 8+05.7 OR AN ADDITIONAL MANHOLE IS CONSTRUCTED NEAR 9+35.

CONSTRUCTION MATERIALS

SEE SHEET 1 FOR MATERIALS LIST

DRAFT

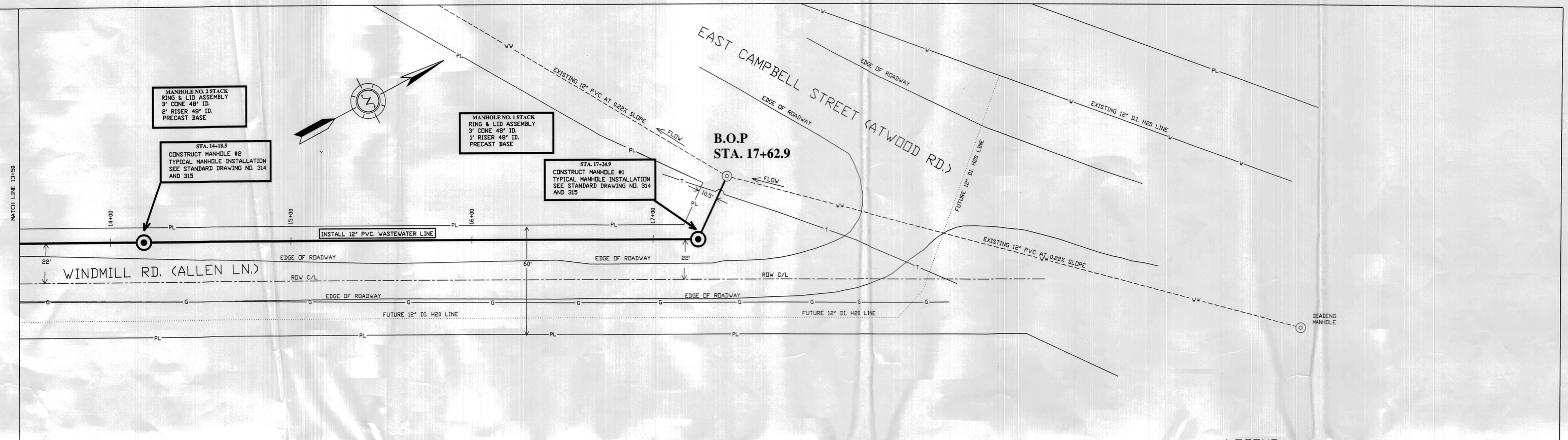
JOB. NO. 5.2.1.99.01

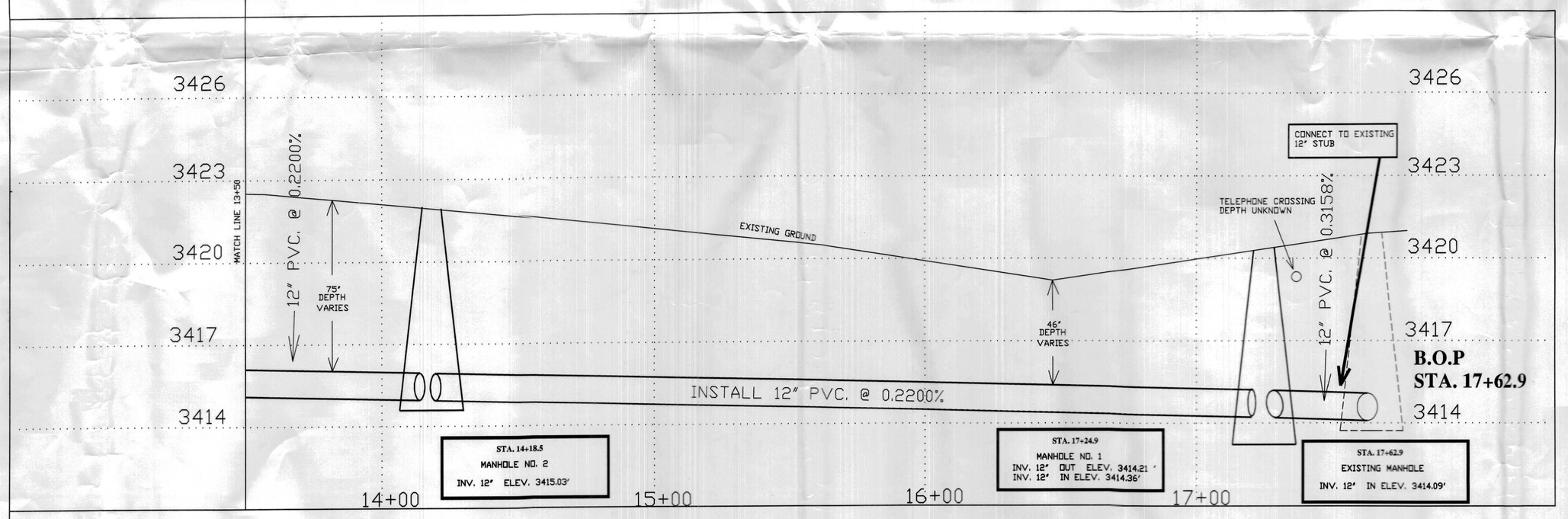
BAKER CITY, OREGON

Office of Technical Services

WINDMILL RD.
E. CAMPBELL - SOUTH WASTEWATER COLLECTION SYSTEM EXPANSION

DATE:	APRIL 1999	SCALE:	1"=30' HORZ. 1"=3' VERT.
DRAWN:	GVP SHEET 2 OF 2	FILE:	WINDILL





LEGEND

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- PROPOSED WATER METER
- PROPOSED FIRE HYDRANT
- PROPOSED MANHOLE
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- PROPOSED PVC WASTE WATER LINE BY DEVELOPER
- PROPOSED WATER LINE

EXISTING

- EXISTING WATER VALVE
- EXISTING WATER METER
- EXISTING FIRE HYDRANT
- EXISTING MANHOLE
- EXISTING CATCH BASIN
- EXISTING BUSH OR TREE
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- SURVEY CONTROL POINT
- C/L CENTERLINE
- EXISTING PVC WASTE WATER LINE BY DEVELOPER
- RIGHT-OF-WAY CENTERLINE
- X — EXISTING FENCE
- ST — EXISTING STORM WATER LINE
- PL — PROPERTY LINE
- WW — EXISTING WASTE WATER LINE
- G — EXISTING GAS LINE
- T — EXISTING TELEPHONE LINE
- W — EXISTING WATER LINE

CONSTRUCTION NOTES

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CONSTRUCTION MATERIALS

182 L.F. 10" SCHEDULE 3034 PVC PIPE
650 L.F. 12" SCHEDULE 3034 PVC PIPE
3 EA. RING & LID ASSEMBLY
3 EA. PRECAST BASE
3 EA. 3' CONE 48" ID.
2 EA. 2' RISER 48" ID.
2 EA. 1' RISER 48" ID.

DRAFT

JOB. NO. 5.2.1.99.01

BAKER CITY, OREGON
Office of Technical Services

WINDMILL RD.
E. CAMPBELL - SOUTH WASTEWATER COLLECTION SYSTEM EXPANSION

DATE: APRIL 1999	SCALE: 1"=30' HORZ. 1"=3' VERT.
DRAWN: GVP SHEET 1 OF 2	FILE: WINDILL