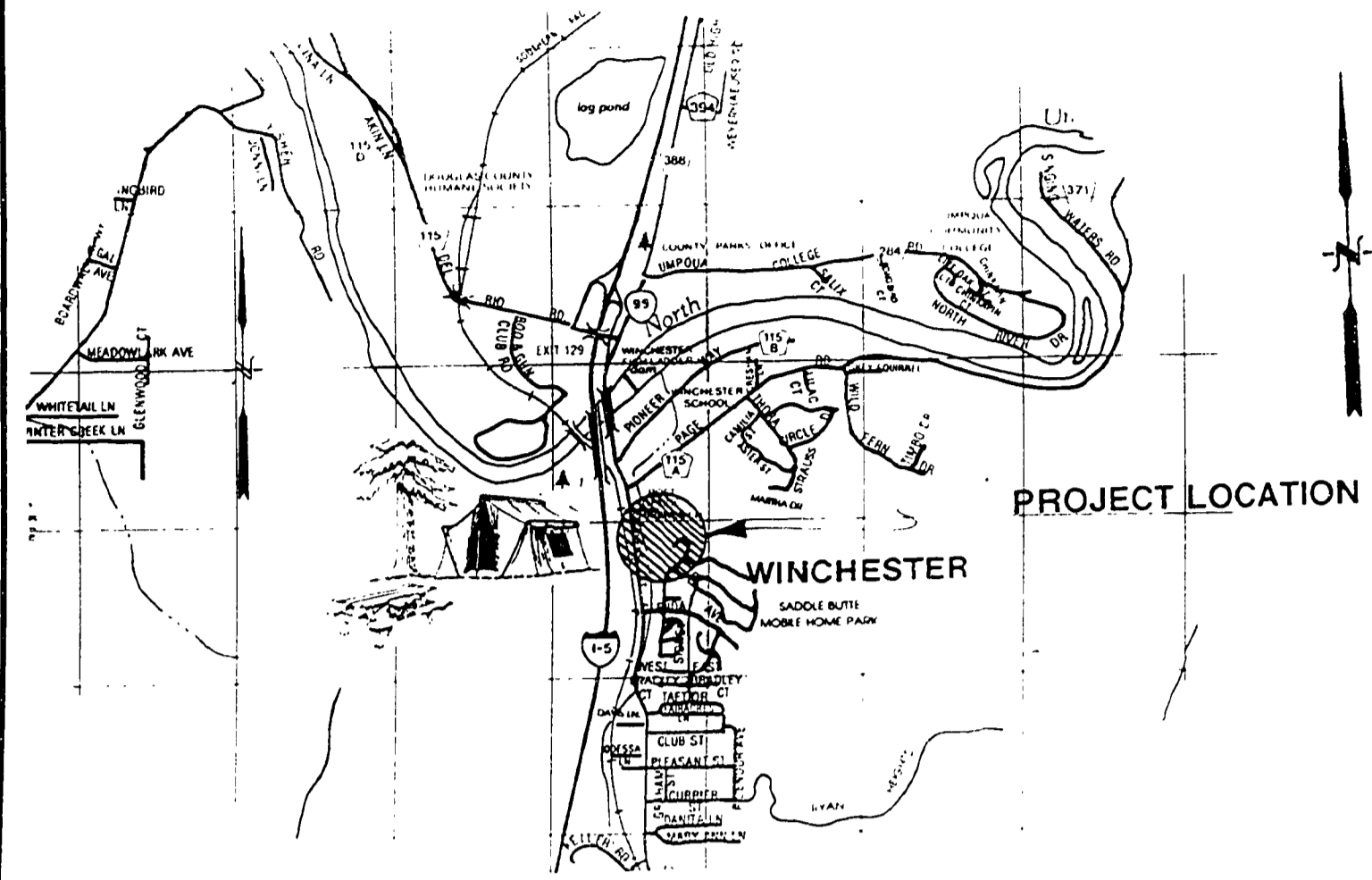


SADDLE BUTTE RANCH SUBDIVISION PHASE 1

VICINITY MAP



PROJECT LOCATION

LEGEND

- PROPOSED SUBDIVISION BOUNDARY
- 8" W — PROPOSED WATER MAINLINE
- 8" SS — PROPOSED SANITARY SEWER
- 12" STS — PROPOSED STORM SEWER
- ⊠ PROPOSED CURB INLET
- PROPOSED MANHOLE
- PROPOSED WATER VALVE
- ⊙ PROPOSED 2" BLOW-OFF
- PROPOSED WATER SERVICE
- PROPOSED SEWER SERVICE
- - - - - EXISTING UTILITY LINE (AS LABELED)
- ⋯ EASEMENT LINE
- EXISTING MANHOLE

GENERAL NOTES

- The 1990 edition of the Standard Specifications for Public Works Construction prepared by the American Public Works Association Oregon Chapter will be considered the Standard Specifications with the exception of Division 1 and all measurement and payment sections.
- Trench backfill shall be Class "B" 1 3/4"-0" crushed rock under all streets shoulder to shoulder, and Class "A" (Suitable excavated material elsewhere unless shown different on trench detail or in specs. All trenches will be compacted with hand operated pneumatic compactor.
- The contractor shall replace any and all survey monuments which are affected by the construction. All monuments will be reset by a licensed land surveyor.
- Locations shown on engineering drawings are approximate. The exact location will be staked in the field by the engineer. Contractor to give 7 days notice to engineer for stakes.
- Contractor shall maintain a minimum horizontal separation of 10 feet between water main and sewer mains measured edge to edge.
- 14 gage copper toning wire approved for direct bury shall be placed in all trenches where pipe has been laid. Except for water lines which shall have 12 gage THHN stranded wire. All wire connections shall be wrapped with heatshrink tape.
- The contractor shall notify all affected utility companies for locations of mainline and service line locations prior to digging. Utilities which are damaged and were marked properly will be repaired by the contractor at his cost. Utilities which are damaged by the contractor that were unmarked or improperly marked will be paid for by the owner of the affected utility. Contractor to contact "ONE-CALL" at least 48 hours prior to construction at 673-6676.

GENERAL SANITARY SEWER NOTES

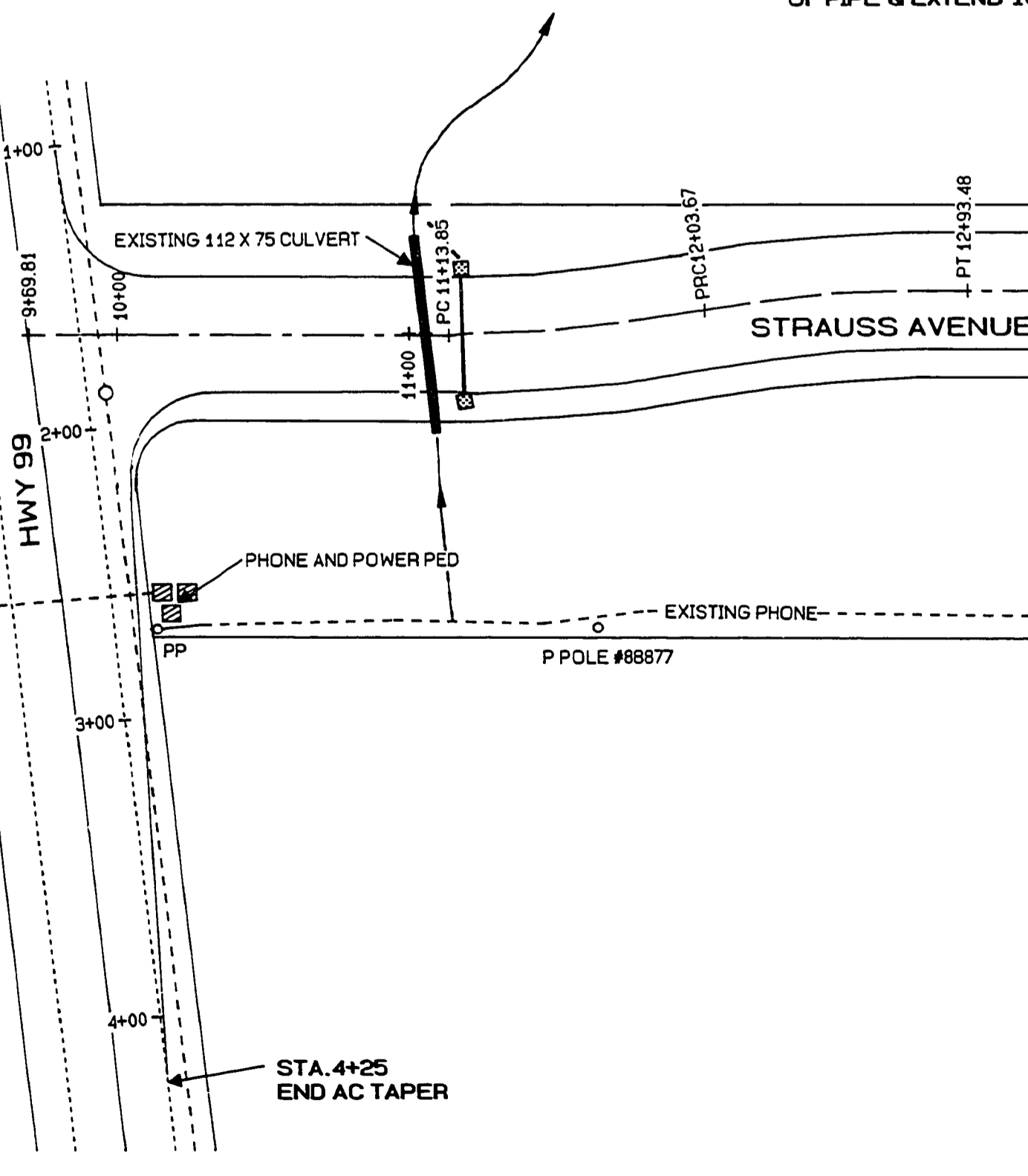
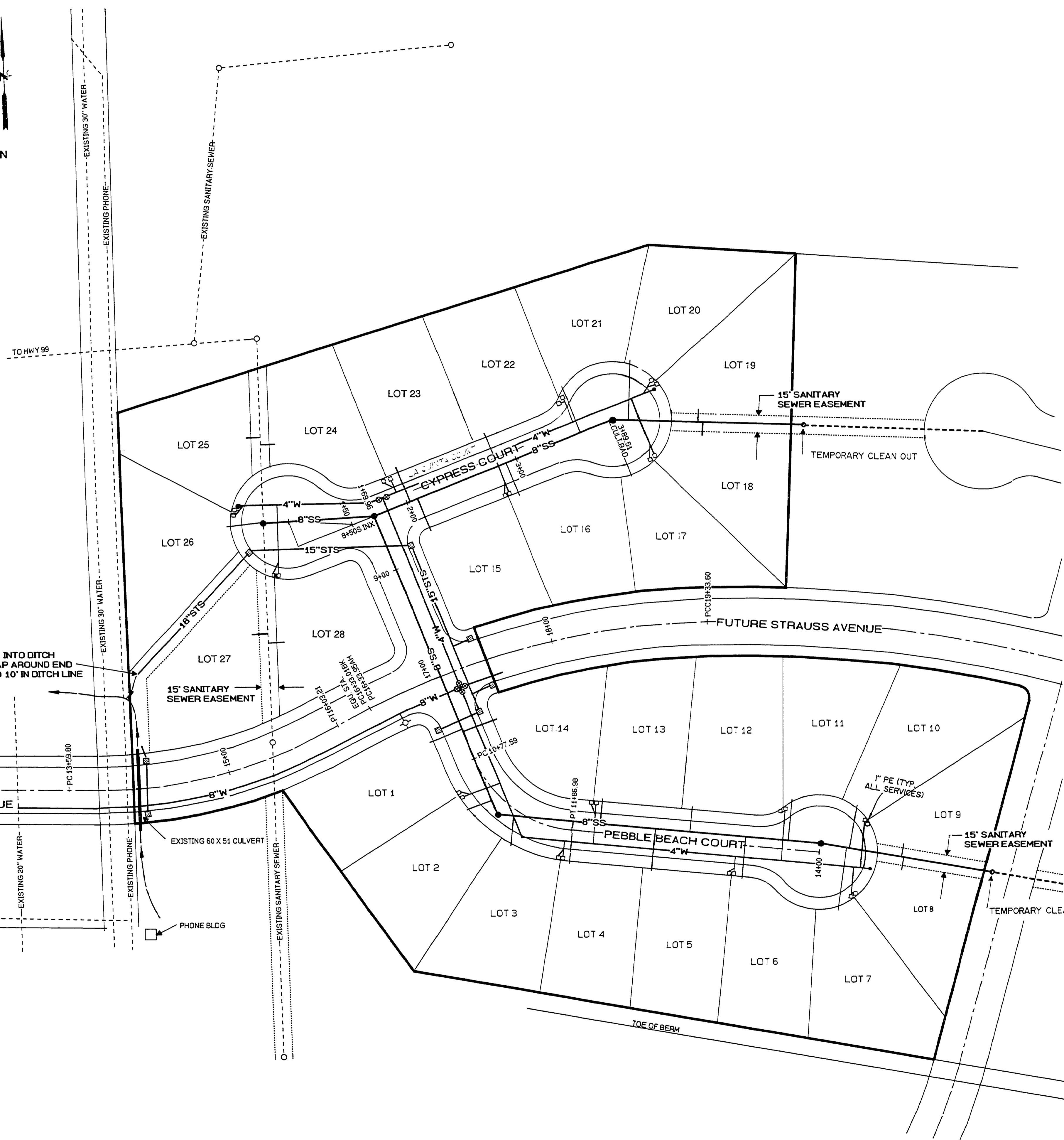
- All sanitary sewer work shall be in conformance with Roseburg Urban Sanitary Authority Specifications and Ordinance. In cases of conflict Roseburg Urban Sanitary Authority Specifications shall take precedence over the Standard Specifications.
- Sanitary sewer laterals shall be constructed in accordance with Oregon State Department of Commerce, Building Codes Division, 1988 Uniform Plumbing Code and its amendments, except for 8" and larger public sewers which shall be constructed in accordance with DEQ standards for public sewers and to the lines, grades and details shown on the plans. 4" and 6" laterals shall be PVC ASTM 3034. All lines shall have toning wire installed in the trench for future locating.
- All sewer laterals shall be air tested in accordance with applicable code.
- Sanitary sewer pipe shall be PVC ASTM 3034 SDR 35.
- Sanitary sewers shall be air tested in accordance with standard specifications, Unibell B-06.85, after compaction of backfill.
- Concrete shall be Class 5 (1 1/2" max. aggregate size) with 6 sacks cement per cubic yard of concrete, with a minimum compressive strength of not less than 3,000 P.S.I. at 28 days when tested in accordance with ASTM C-39.85.
- Whenever sewer laterals cross water lines with less than 18" clearance vertical the sewer lateral shall be cast or ductile iron pipe 9" minimum each side of the water lines.
- Manholes to be tested according to 1990 APWA Standard Specification 306.3.03. Water to be filled to the rim.
- Contractor to provide preformed plastic gaskets in all manhole joints.
- Grout for top of manhole frames and bases shall be non-shrink grout.
- Use commercial concrete bonding agent on all concrete to be grouted.
- The contractor shall replace any and all survey monuments which are affected by the construction. All monuments will be reset by a licensed land surveyor.

GENERAL STREET IMPROVEMENT NOTES

- All street improvement work shall be in conformance with the latest version of Douglas County Public Works Department Design Standards and Standard Drawings. In cases of conflict the Douglas County Standards shall take precedence over the Standard Specifications.
- All asphalt pavement shall be "C" mix meeting Oregon State Highway Department standards.

GENERAL WATER SYSTEM NOTES

- All water system work shall be in conformance with sections 2.3 & 4 of the City of Roseburg "General Specifications, Materials and Installation of Water Mains" dated January 1991, available from the City of Roseburg Water Department. In cases of conflict the City of Roseburg specifications shall take precedence over the Standard Specifications.
- All pipe for water mainlines shall be class 150 PVC C-900 pipe.
- The contractor shall flush, hydrostatically test and Chlorinate all new water mainlines installed. The Engineer shall witness all test made by the contractor to insure they are performed properly. Test pressure shall be determined by the engineer prior to testing.
- All construction is subject to inspection by the City of Roseburg Water Department. The contractor shall give the City 48 hours notice prior to beginning construction.
- No other major utilities shall run parallel within 3 feet of the new watermain.
- Thrust blocks shall be installed at all bends and fittings as per City of Roseburg Standard Drawing No. 102.



AS-BUILTS



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Project Name:
**SADDLE BUTTE RANCH
SUBDIVISION PHASE 1**

Rev.	Date	Description
1	7/23/92	PLAN REVIEW CHANGES

Title: OVERALL UTILITY LAYOUT	
DES SNL	PROJECT NO.: 140 - 03
DWG SNL	DATE: JUNE 1992
CHK MAP	SCALE: 1"=50'
APP MAP	SHEET 1 OF 6

RD901COV