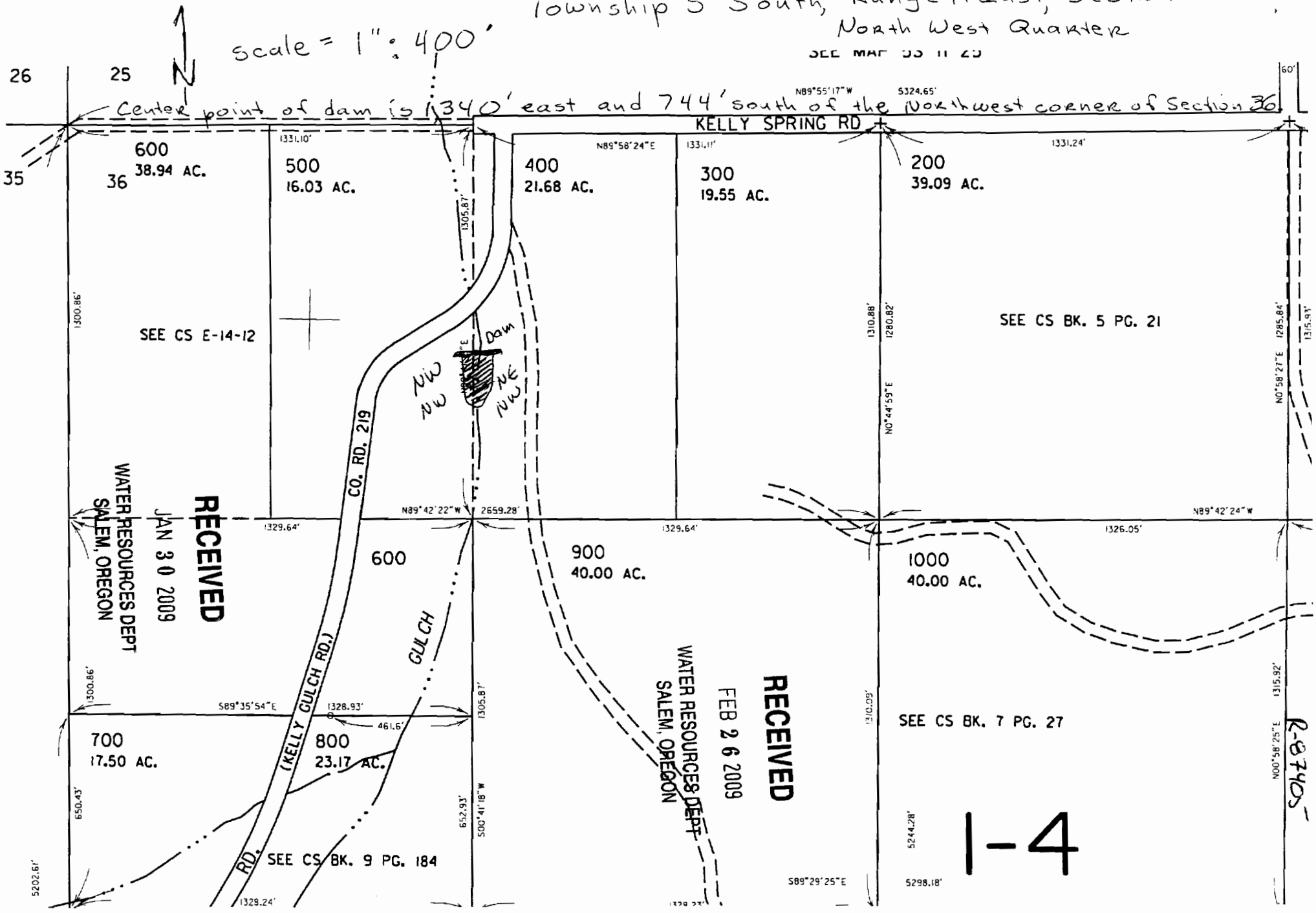
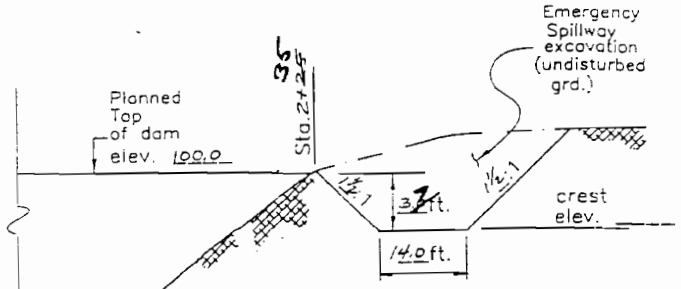
Township 5 South, Range 11 East, Section 36
North West Quarter

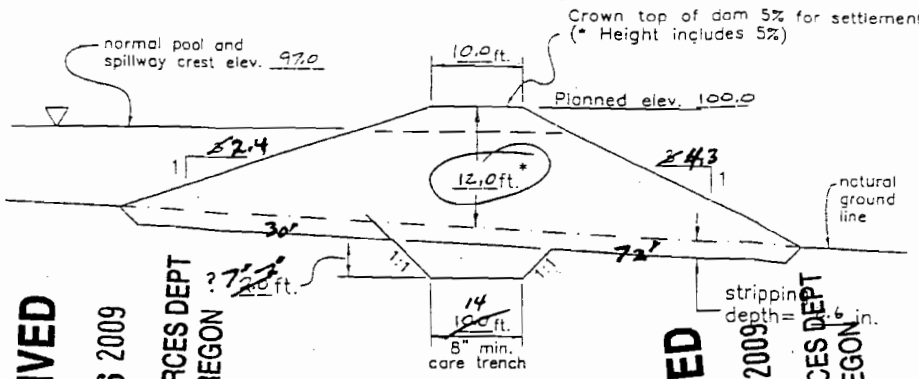


"As Built" 11/16/06

R-8740S



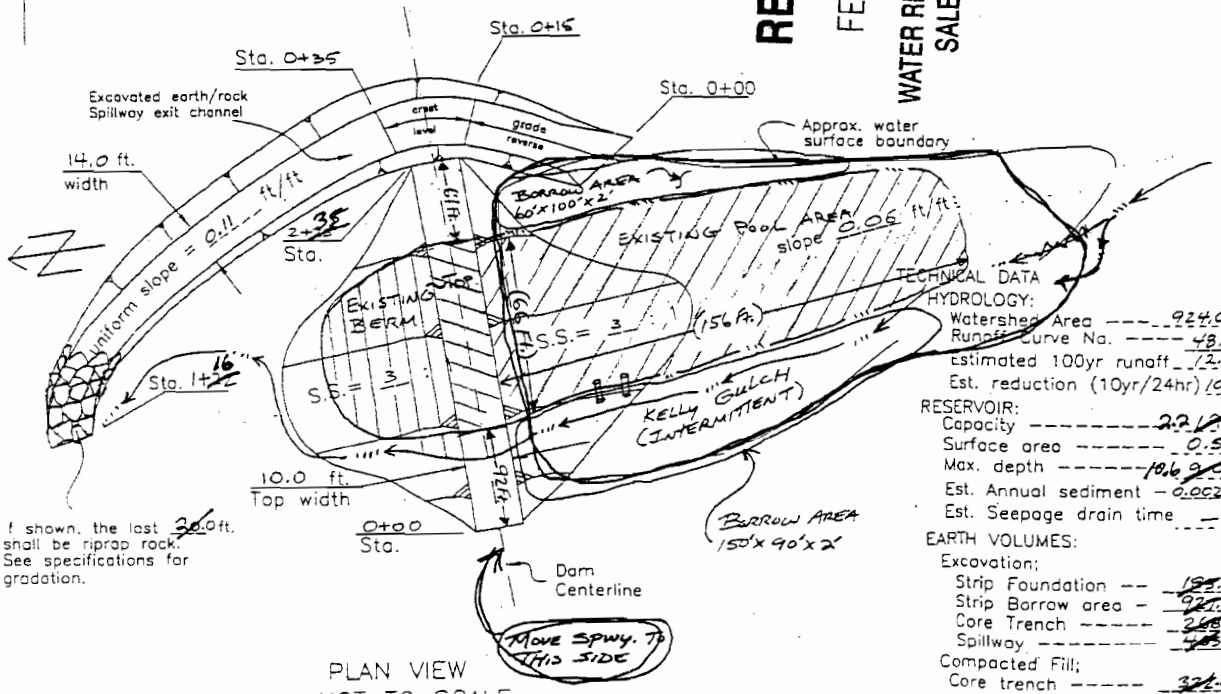
SPILLWAY CROSS SECTION ON DAM C L – looking downstream



MAXIMUM CROSS SECTION OF DAM

RECEIVED FEB 26 2009 WATER RESOURCES DEPT SALEM, OREGON

RECEIVED JAN 30 2009 WATER RESOURCES DEPT SALEM, OREGON



PLAN VIEW NOT TO SCALE

TECHNICAL DATA

HYDROLOGY:

Watershed Area	924.0 ac.
Runoff Curve No.	48.0 no.
Estimated 100yr runoff	12.0 cfs
Est. reduction (10yr/24hr)	100 %

RESERVOIR:

Capacity	22.12 acft
Surface area	0.52 ac.
Max. depth	10.6 9.0 ft.
Est. Annual sediment	0.0024 acft
Est. Seepage drain time	– days

EARTH VOLUMES:

Excavation;

Strip Foundation	189.0	cy 273
Strip Borrow area	921.0	cy 1920
Core Trench	268.0	cy 280
Spillway	463.0	cy 463

Compacted Fill;

Core trench	324.0	cy 336
Embankment	3009.0	cy 7679

CRITICAL AREA PLANTING 1.0 AC.

Wasco Co. Soils Survey (North Part)

PERTINENT DATA: Sheet 56

Soils/Geology: (29E) Ketchum loam 3-30% slopes. Unified Classification 0-11 inches ML, SM; 11-42 inches CL, GC. 42-45 inches CL.

Borrow area location (s): Upstream both banks; portions of old bank and pool area.

Spillway was design on the RIGHT LEFT abutment facing downstream. Material is better suited for planned exit velocities.

Construction Staking; NRCS rep. shall provide a min. of ℄ stakes, & TBM.

SPECIAL PROVISIONS

1. See attached NRCS Proj. Agreement
2. See attached Specifications
3. See attached Operation and Maintenance Plan.
4. Wasco or Sherman Co. SWCD Agreement.
5. ODWR Design Spec. letter
6. NRCS Design report
7. NRCS Inspection Plan

Revision 5/8/98

LANDOWNER: Don Skinner – Pine Grove
PROJECT: Kelly Gulch – New Embankment Ponds
LOCATION: T55, R11E, Sec. 36 SE/NW¼ Wasco Co. OR.

USDA – NATURAL RESOURCES CONSERVATION SERVICE

Designed: Gallison Jr. Date: 8/98 Approved: [illegible] Title: NRCS-SCT
Drawn: G. CARD 6/98
Traced: Checked: Title:

JOB CODE 378, JOB CLASS: II

PL 638, 3 SD

DRAWING FILE: DAMPT.dwg
DRAWING NO.
Sheet 1 of 1