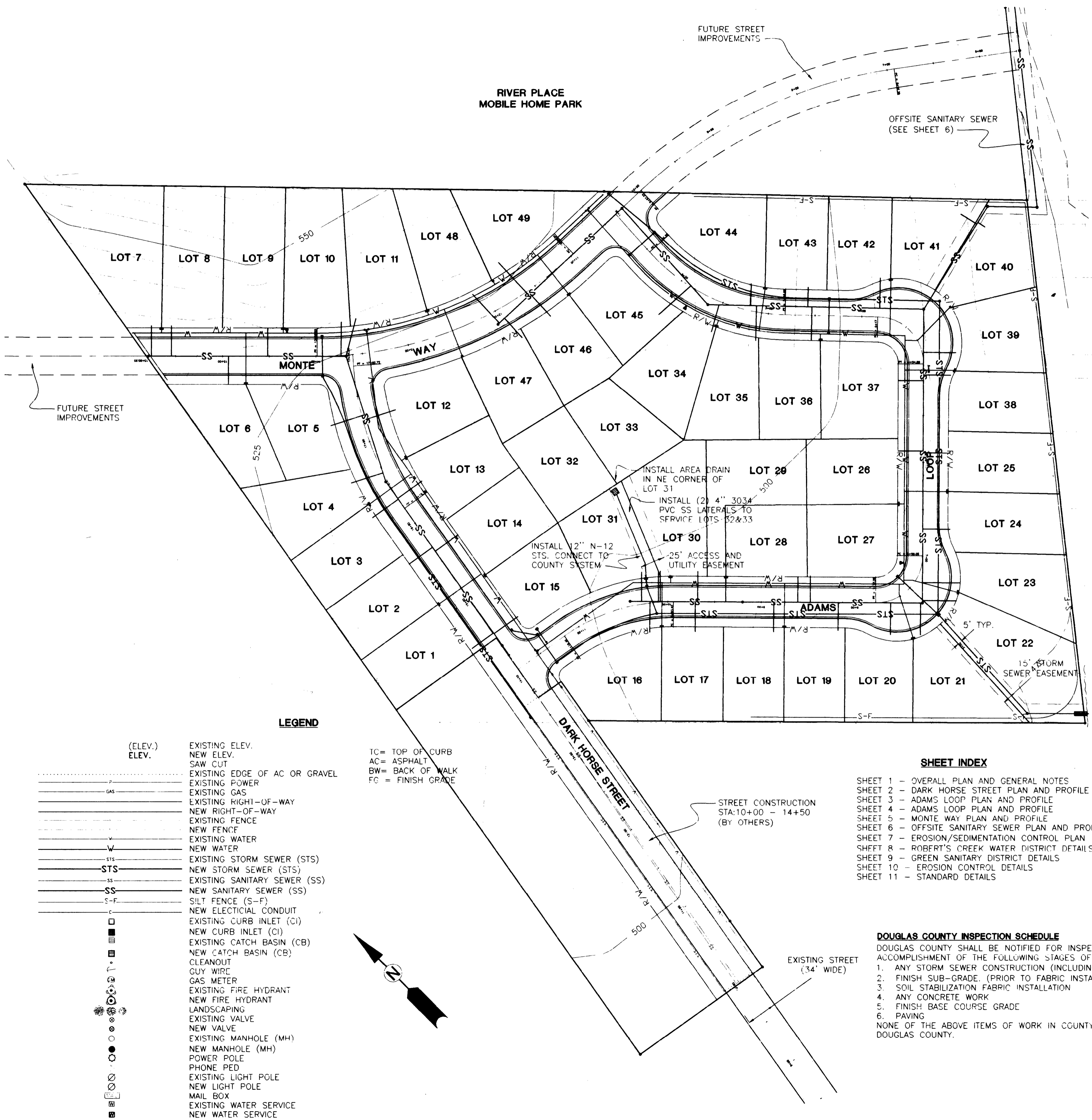


ROBERTS CREEK ESTATES

FILED
 Date: 1-6-2000 By: JP
 This survey consists of:
 Map:
 Narrative:
 Corner Pts:
 DOUGLAS COUNTY SURVEYOR

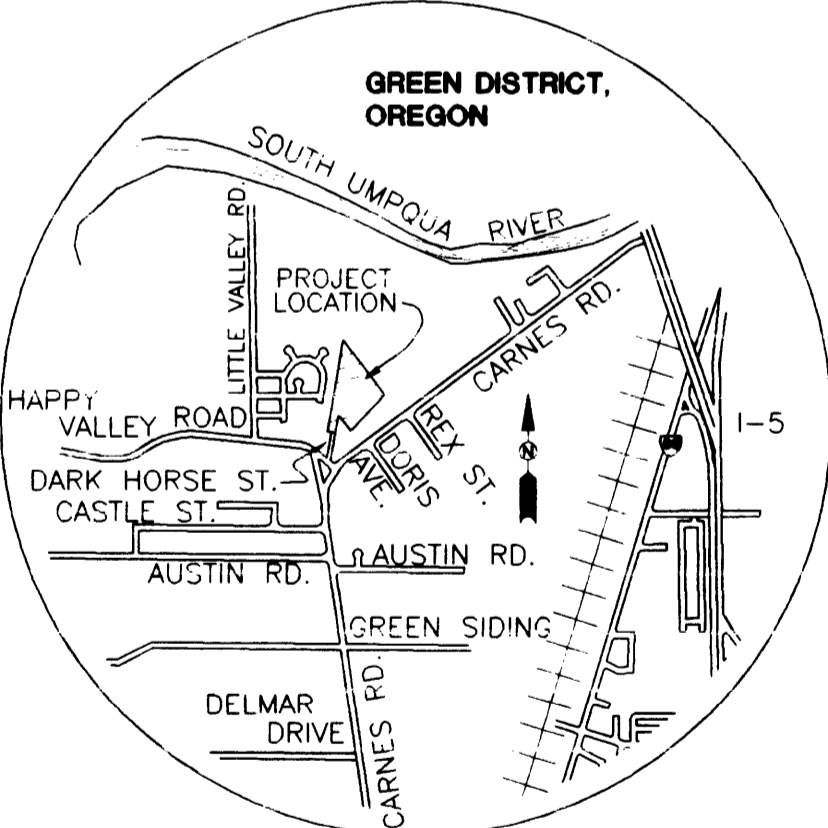


GENERAL COUNTY APWA NOTES

1. THE 1990 EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION WITH THE LATEST REVISIONS PREPARED BY THE AMERICAN PUBLIC WORKS ASSOCIATION OREGON CHAPTER WILL BE CONSIDERED THE STANDARD SPECIFICATIONS.
2. TRENCH BACKFILL SHALL BE CLASS B (3/4" - 0" CRUSHED ROCK) UNDER ALL STREETS AND PARKING LOTS, 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.
3. 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.
4. 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.
5. CONTRACTOR SHALL MAINTAIN A MINIMUM HORIZONTAL SEPARATION OF 10 FEET BETWEEN WATER MAIN AND SEWER MAINS MEASURED EDGE TO EDGE.
6. INSULATED COPPER TONING WIRE APPROVED FOR DIRECT BURY SHALL BE PLACED IN ALL TRENCHES WHERE PIPE HAS BEEN LAID. ALL TONE WIRE SHALL BE TESTED PRIOR TO ACCEPTANCE.
7. 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 1-800-332-2344. 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.
8. ENGINEER AND COUNTY TO BE NOTIFIED FOR INSPECTION AS SHOWN ON SCHEDULE OR AS SPECIFIED IN "GENERAL NOTES" FOR THAT SPECIFIC CONSTRUCTION ITEM.
9. CONTRACTOR TO FIELD VERIFY TYPE, LOCATION, AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF NEW PIPING.

GENERAL WATER NOTES

1. ALL WATER SYSTEM WORK SHALL BE IN CONFORMANCE WITH ROBERTS CREEK WATER DISTRICT RULES AND REGULATIONS. IN CASES OF CONFLICT ROBERTS CREEK SPECIFICATIONS SHALL TAKE PRECEDENCE OVER THE STANDARD SPECIFICATION. DEVELOPER SHALL WARRANTY WATERLINE FOR 2 YEARS AFTER FINAL ACCEPTANCE.
2. ALL PIPE FOR WATER MAINLINES SHALL BE CLASS AWWA C-900 PVC PIPE CLASS 150.
3. THE CONTRACTOR SHALL FLUSH, HYDROSTATICALLY TEST, AND CHLORINATE ALL NEW WATER MAINLINES INSTALLED. THE ENGINEER AND ROBERTS CREEK WATER DISTRICT SHALL WITNESS ALL TESTS MADE BY THE CONTRACTOR TO INSURE THEY ARE PERFORMED PROPERLY. COMPLETED WATERLINES SHALL BE CHLORINATED AND BACTERIOLOGICALLY TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF ORS 333.61050 (11).
4. ALL CONSTRUCTION IS SUBJECT TO INSPECTION BY ROBERTS CREEK WATER DISTRICT. THE CONTRACTOR SHALL GIVE THE DISTRICT 48 HOURS NOTICE PRIOR TO BEGINNING CONSTRUCTION.
5. NO OTHER MAJOR UTILITIES SHALL RUN PARALLEL WITHIN 3 FEET OF THE NEW WATERMAIN.
6. THRUST BLOCKS SHALL BE INSTALLED AT ALL BENDS AND FITTINGS AS PER STANDARD DRAWING.
7. WATER SERVICE SHALL BE 1" POLYETHYLENE PER ROBERTS CREEK STANDARD DETAIL. CONTRACTOR TO INSTALL ALL ROAD SERVICE CROSSINGS IN (1 1/2" MIN.) SCH 40 PVC CONDUIT.
8. ALL MJ FITTINGS SHALL HAVE MEGA LUG RESTRAINT RINGS IN ADDITION TO THRUST BLOCKS.
9. PIPE BEDDING SHALL BE REJECT SAND PER ROBERTS CREEK WATER DISTRICT SPECIFICATIONS.
10. CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL FEDERAL, STATE, COUNTY, AND LOCAL REGULATIONS REGARDING THE CONSTRUCTION OF THIS PROJECT. NO WATERLINE CONSTRUCTION SHALL BEGIN UNTIL WRITTEN APPROVAL OF THE CONSTRUCTION PLANS IS RECEIVED FROM THE OREGON HEALTH DIVISION.
11. VALVES SHALL BE RESILIENT SEAT GATE VALVES, PER AWWA C-509 MUELLER, KENNEDY, CLOW, OR APPROVED.
12. FITTINGS SHALL BE DUCTILE IRON PER AWWA C-110, 250 P.S.I. RATING, WITH MECHANICAL JOINT OR FLANGED ENDS, AS DETAILED.
13. 14 GA. SOLID COPPER TONING WIRE, INSULATED FOR IN GROUND USE SHALL BE INSTALLED DIRECTLY OVER ALL WATERMAIN AND SERVICE LINE INSTALLATIONS. WIRE SHALL BE BROUGHT TO THE SURFACE AT ALL VALVES, HYDRANTS, AND METER BOXES. SPLICES FROM MAINLINE TO SERVICE LINE TONING WIRE SHALL BE MADE WITH 3M-DIRECT BURY SPLICE KITS DESIGNED FOR IN GROUND USE.
14. FIRE HYDRANTS SHALL BE CLOW "CHALLENGER", 500F MUELLER "CENTURION" OR H&M #129-T. HYDRANT SHALL HAVE TWO 1/2" PORTS AND ONE 4" THREADED PUMPER NOZZLE. HYDRANT VALVE SHALL BE 5 1/4" COMPRESSION TYPE. HYDRANT SHALL BE MECHANICAL JOINT.
15. METER LOCATION TO BE MARKED FOR HORIZONTAL AND VERTICAL ALIGNMENT.
16. ALL WATER MAINLINES SHALL BE INSTALLED WITH A MINIMUM COVER OF 36".



VICINITY MAP

LEGEND

- (ELEV.) ELEV.
 --- EXISTING ELEV.
 --- NEW ELEV.
 --- SAW CUT
 --- EXISTING EDGE OF AC OR GRAVEL
 --- EXISTING POWER
 --- EXISTING GAS
 --- EXISTING HIGH-OFF-WAY
 --- NEW RIGHT-OFF-WAY
 --- EXISTING FENCE
 --- NEW FENCE
 --- EXISTING WATER
 --- NEW WATER
 --- STS EXISTING STORM SEWER (STS)
 --- STS NEW STORM SEWER (STS)
 --- SS EXISTING SANITARY SEWER (SS)
 --- SS NEW SANITARY SEWER (SS)
 --- S-F SILT FENCE (S-F)
 --- NEW ELECTRICAL CONDUIT
 --- EXISTING CURB INLET (CI)
 --- NEW CURB INLET (CI)
 --- EXISTING CATCH BASIN (CB)
 --- NEW CATCH BASIN (CB)
 --- CLEANOUT
 --- GUY WIRE
 --- GAS METER
 --- EXISTING FIRE HYDRANT
 --- NEW FIRE HYDRANT
 --- LANDSCAPING
 --- EXISTING VALVE
 --- NEW VALVE
 --- EXISTING MANHOLE (MH)
 --- NEW MANHOLE (MH)
 --- POWER POLE
 --- PHONE PED
 --- EXISTING LIGHT POLE
 --- NEW LIGHT POLE
 --- MAIL BOX
 --- EXISTING WATER SERVICE
 --- NEW WATER SERVICE
- TC = TOP OF CURB
 AC = ASPHALT
 BW = BACK OF WALK
 FC = FINISH GRADE

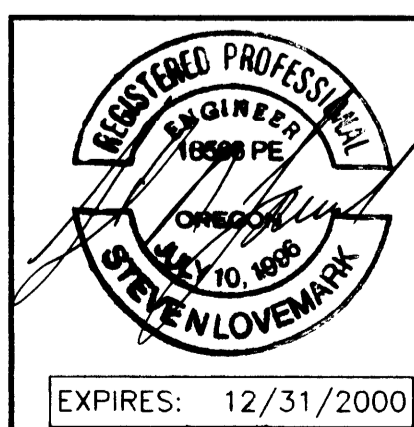
SHEET INDEX

- SHEET 1 - OVERALL PLAN AND GENERAL NOTES
 SHEET 2 - DARK HORSE STREET PLAN AND PROFILE
 SHEET 3 - ADAMS LOOP PLAN AND PROFILE
 SHEET 4 - ADAMS LOOP PLAN AND PROFILE
 SHEET 5 - MONTE WAY PLAN AND PROFILE
 SHEET 6 - OFFSITE SANITARY SEWER PLAN AND PROFILE
 SHEET 7 - EROSION/SEDIMENTATION CONTROL PLAN
 SHEET 8 - ROBERTS CREEK WATER DISTRICT DETAILS
 SHEET 9 - GREEN SANITARY DISTRICT DETAILS
 SHEET 10 - EROSION CONTROL DETAILS
 SHEET 11 - STANDARD DETAILS

DOUGLAS COUNTY INSPECTION SCHEDULE

- DOUGLAS COUNTY SHALL BE NOTIFIED FOR INSPECTION AT LEAST 24 HOURS PRIOR TO THE ACCOMPLISHMENT OF THE FOLLOWING STAGES OF CONSTRUCTION. PHONE: 440-4481
1. ANY STORM SEWER CONSTRUCTION (INCLUDING STRUCTURES)
 2. FINISH SUB-GRADE. (PRIOR TO FABRIC INSTALLATION)
 3. SOIL STABILIZATION FABRIC INSTALLATION
 4. ANY CONCRETE WORK
 5. FINISH BASE COURSE GRADE
 6. PAVING
- NONE OF THE ABOVE ITEMS OF WORK IN COUNTY SHALL BE COVERED UNTIL INSPECTED BY DOUGLAS COUNTY.

CALL BEFORE YOU DIG!
 ONE CALL (800) 332-2344
 ORS 757.541 TO 757.571



Rev.	Date	Dwg	Description
1	8/13/99	RGZ	PER MULTIPLE AGENCY REVIEW
2	10/28/99	TAR	AS-BUILTS

i.e. ENGINEERING
 741 SE Jackson Street
 Roseburg, Oregon 97470
 PHONE (541) 673-0166
 FAX (541) 440-9392

Project Name: **ROBERTS CREEK ESTATES**

Title: **OVERALL PLAN AND GENERAL NOTES**

DES: RJS PROJECT NO. 1644-01
 DWG: TAR DATE: JULY 23, 1999
 CHK: SNL SCALE: 1" = 60'
 APP: SNL SHEET: 1 OF 11