

MELODY SUBDIVISION - PHASE I

DATE: JUNE 5, 2002 JOB #98-088

ENGINEER & SURVEYOR:
BTS ENGINEERING & SURVEYING
431 S.E. MAIN ST.
ROSEBURG, OR 97470

DEVELOPER:
ERIK HELLENTHAL
10190 N. UMPQUA HWY.
ROSEBURG, OR 97470

PHASE I
16 - SINGLE FAMILY DWELLINGS
LOT 17 SHALL BE DEVELOPED
IN FUTURE PHASES
LOTS 15 & 16 SHALL BE REQUIRED
TO BE SINGLE STORY HOMES

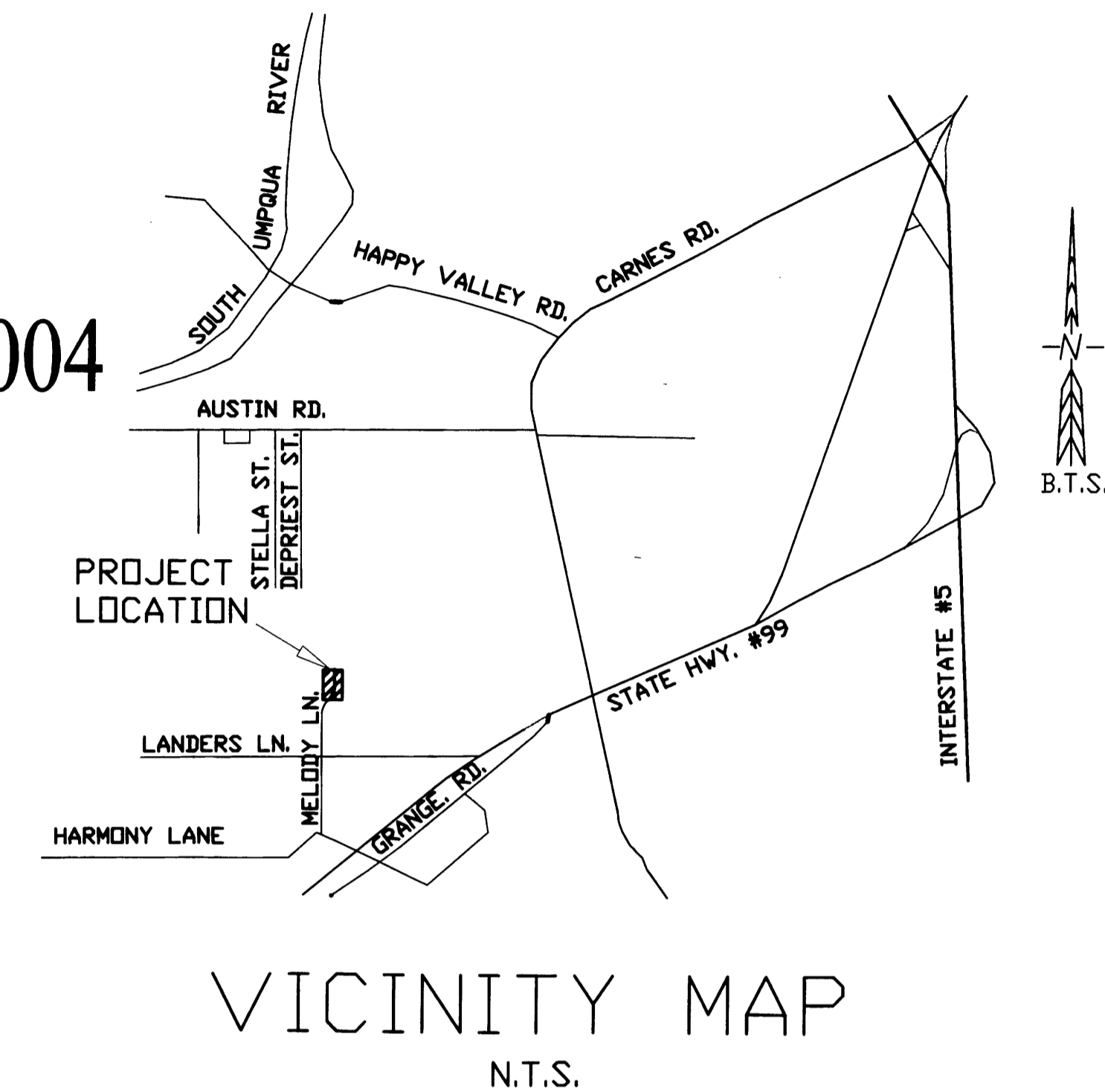
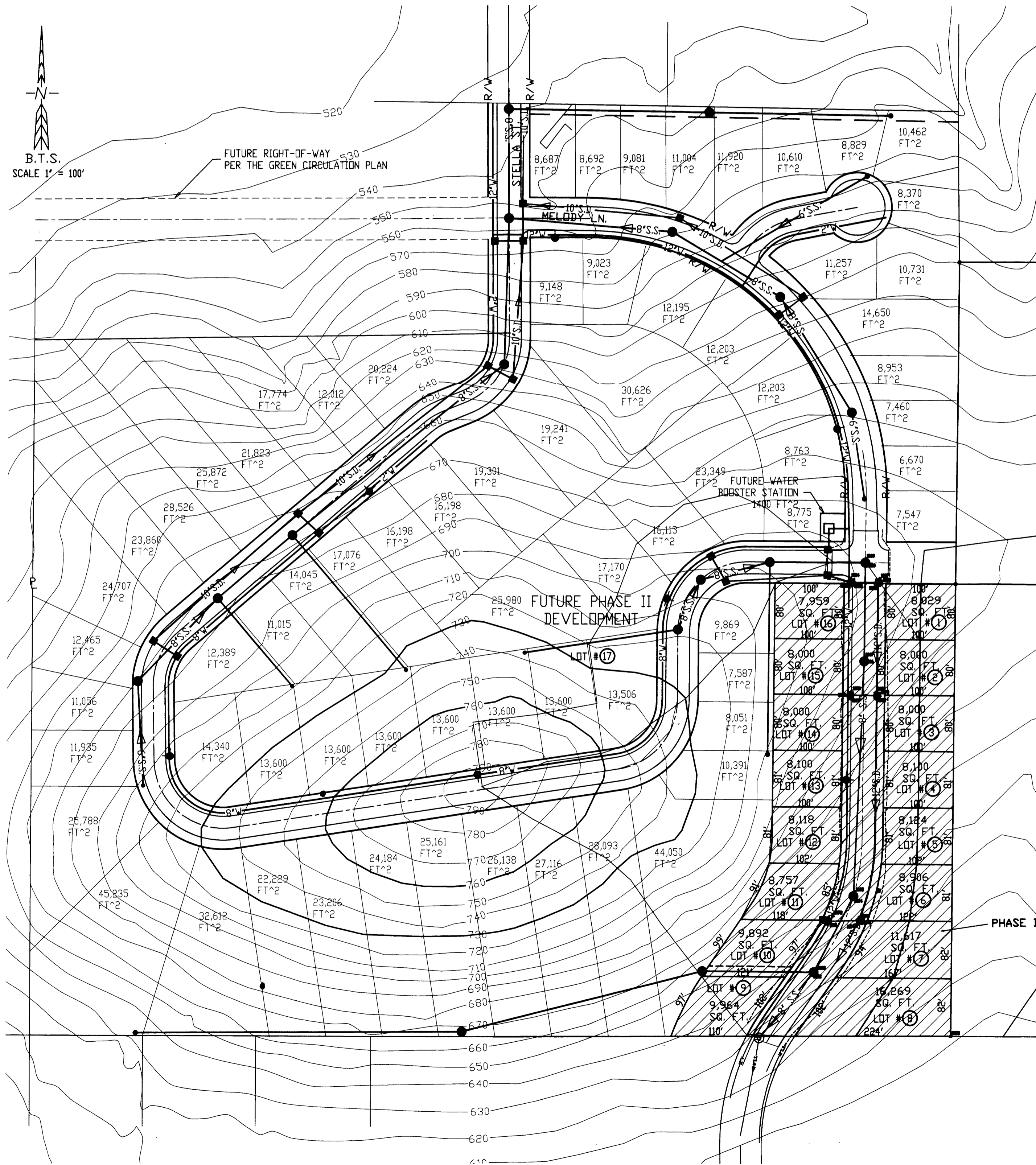
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- SHEET 8 - GREEN SANITARY DISTRICT CONSTRUCTION SPECIFICATIONS

FILED
Date: 7-9-2005 By: SC
This survey consists of:
Map:
Name:
Corner Rpt:
DOUGLAS COUNTY
SURVEYOR

MELODY SUBDIVISION AS-BUILTS JULY 21, 2004

NOTE: THE AS-BUILTS ARE BASED ON BEST AVAILABLE INFORMATION. LOCATIONS WERE DETERMINED BY PERIODIC OBSERVATIONS & INFO PROVIDED BY THE CONTRACTOR.



SPECIFICATIONS:

GENERAL:

1. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE REQUIREMENTS OF THE 'STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION', 1990 W/ 1992 & 1996 ADDITIONS, PUBLISHED BY THE AMERICAN PUBLIC WORKS ASSOCIATION, OREGON CHAPTER.
2. BTS ENGINEERING & SURVEYING (DAVID G. PHILLIPS P.E.) WILL BE RESPONSIBLE FOR INSPECTION & TESTING.
3. UPON APPROVAL & ACCEPTANCE OF THE NEW STREET, AND STORM DRAIN IMPROVEMENTS, THEY WILL BECOME THE PROPERTY OF DOUGLAS COUNTY.
4. UPON APPROVAL & ACCEPTANCE OF THE NEW WATERLINE IMPROVEMENTS, THEY WILL BECOME THE PROPERTY OF THE ROBERTS CREEK WATER DISTRICT.
5. UPON APPROVAL & ACCEPTANCE OF THE NEW SEWER IMPROVEMENTS, THEY WILL BECOME THE PROPERTY OF GREEN SANITARY DISTRICT.
6. CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL FEDERAL, STATE, COUNTY AND LOCAL REGULATIONS REGARDING THE CONSTRUCTION OF THIS PROJECT.
7. CONTRACTOR IS REQUIRED TO NOTIFY 'ONE CALL' AT 1-800-332-2344 FOR UTILITY LOCATION PRIOR TO BEGINNING ANY EXCAVATION. CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL EXISTING UTILITIES, AND FOR MAINTAINING THEM IN SERVICE DURING CONSTRUCTION.
8. BACKFILL: BACKFILL FOR ALL STORM DRAIN, WATERLINES, AND SEWERLINES WITHIN PUBLIC RIGHT-OF-WAYS SHALL BE CLASS 'B' - 1' MINUS CRUSHED AGGREGATE.

STREET CONSTRUCTION:

1. ALL EMBANKMENT FOR STREET CONSTRUCTION AND EXISTING EARTH WITHIN ONE FOOT OF FINISHED SUBGRADE ELEVATION SHALL BE COMPACTED TO 95% DENSITY IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS. ADD WATER AS REQUIRED.
2. CRUSHED ROCK BASE SHALL BE 1'-0" CRUSHED QUARRY ROCK, IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS.
3. ASPHALTIC CONCRETE PAVEMENT SHALL BE CLASS 'C' IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

STORM DRAIN:

1. STORM DRAIN PIPE SHALL BE SMOOTH LINED, RIBBED POLYETHYLENE. ADS 'N-12" OR HANCOR 'HI-0' OR EQUIVALENT.

WATERLINE CONSTRUCTION:

1. NO WATERLINE CONSTRUCTION SHALL BEGIN UNTIL WRITTEN APPROVAL OF THE CONSTRUCTION PLANS IS RECEIVED FROM THE OREGON HEALTH DIVISION.
2. ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH APWA STANDARD SPECIFICATIONS AND THE REQUIREMENTS OF THE ROBERTS CREEK WATER DISTRICT. DEVELOPER SHALL WARRANT WATERLINE FOR 2 YEARS AFTER ACCEPTANCE.
3. PIPE FOR WATER MAINS SHALL BE RUBBER RING JOINT P.V.C. PER AWWA C900, CLASS 150.
4. VALVES SHALL BE RESILIENT SEAT GATE VALVES, PER AWWA C-509.
5. FITTINGS SHALL BE DUCTILE IRON PER AWWA C-110, 250 P.S.I. RATING, WITH MECHANICAL JOINT OR FLANGED ENDS, AS DETAILED.
6. PIPE BEDDING SHALL BE REJECT SAND PER THE APWA STANDARD SPECIFICATIONS.
7. 14 GA. SOLID COPPER TONING WIRE, INSULATED FOR IN GROUND USE, SHALL BE INSTALLED DIRECTLY OVER ALL WATER MAIN AND SERVICE LINE INSTALLATIONS. SPLICES SHALL BE MADE WITH 3M - DIRECT BURY SPLICE KITS DESIGNED FOR IN GROUND USE.
8. FIRE HYDRANT SHALL BE CLOW 'CHALLENGER', 5001 MUELLER 'CENTURIAN' DR M&H #129-T. HYDRANT SHALL HAVE TWO 2 1/2" PORTS AND ONE 4" THREADED PUMPER NOZZLE. HYDRANT VALVE SHALL BE 5 1/4" COMPRESSION TYPE. HYDRANTS SHALL BE MECHANICAL JOINT.
9. COMPLETED WATER LINE INSTALLATIONS SHALL BE FLUSHED AND PRESSURE TESTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. COMPLETED WATER LINE INSTALLATION SHALL BE CHLORINATED AND BACTERIOLOGICALLY TESTED IN ACCORDANCE W/ THE REQUIREMENTS OF ORS 333-61-050 (11). ENGINEER AND WATER DISTRICT REPRESENTATIVE SHALL BE PRESENT FOR TESTING.
10. ALL SERVICE CROSSINGS SHALL HAVE A 1 1/2" PVC CARRIER PIPE FROM WATER MAIN TO R/W LINE WITH A PULL WIRE AND TONING WIRE. MARK EACH END WITH A 3/4" PVC PIPE PAINTED BLUE. MAINLINE WATER PIPE TO BE LEFT EXPOSED AT SERVICE LOCATIONS, FOR INSTALLATION OF SERVICE FITTINGS AND LINE BY WATER DISTRICT PERSONNEL. COORDINATE W/ ROBERTS CREEK WATER DISTRICT PERSONNEL.
11. METER LOCATION TO BE MARKED FOR HORIZONTAL & VERTICAL ALIGNMENT.
12. ROBERTS CREEK WATER DISTRICT SHALL BE NOTIFIED 48 HRS PRIOR TO ANY WATERLINE EXCAVATION.
13. ALL WATERLINE SHALL BE COVERED WHILE A DISTRICT INSPECTOR IS PRESENT.
14. NO OTHER UTILITY SHALL RUN PARALLEL WITHIN 3 FEET OF NEW WATER MAINS.
15. WATERLINE MAINS AND LATERALS SHALL CONFORM TO OREGON HEALTH DIVISION ADMINISTRATIVE RULES CHAPTER 333 PUBLIC WATER SYSTEMS.
16. ALL MECHANICAL JOINT FITTINGS SHALL HAVE MEGA LUG RESTRAINT RINGS IN ADDITION TO THRUST BLOCKS.
17. THRUST BLOCKS SHALL BE INSTALLED AT ALL BENDS AND FITTINGS PER WATERMAIN DETAIL SHEET.
18. MINIMUM COVER FOR WATER MAIN LINE IS 36 INCHES.
19. CONTRACTOR WILL SUPPLY THE DISTRICT WITH A COMPLETE COST BREAKDOWN ON THE EXTENSION OF THE WATER MAIN.

GREEN SANITARY DISTRICT GENERAL CONSTRUCTION SPECIFICATIONS:

1. SEE SHEET 8 OF 8 - 'GREEN SANITARY DISTRICT CONSTRUCTION SPECIFICATIONS'.

MELODY SUBDIVISION - PHASE I

TITLE SHEET

PROJECT:

DATE: DECEMBER, 2001
REV. #1: 2/06/2002
REV. #2: 4/01/2002
REV. #3: 6/05/02
REV. #4:
REV. #5:



EXPIRATION DATE: 12/31/02

PROJ. #98-088

SHEET NO.

1 of 8

OWNER: ERIK HELLENTHAL

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