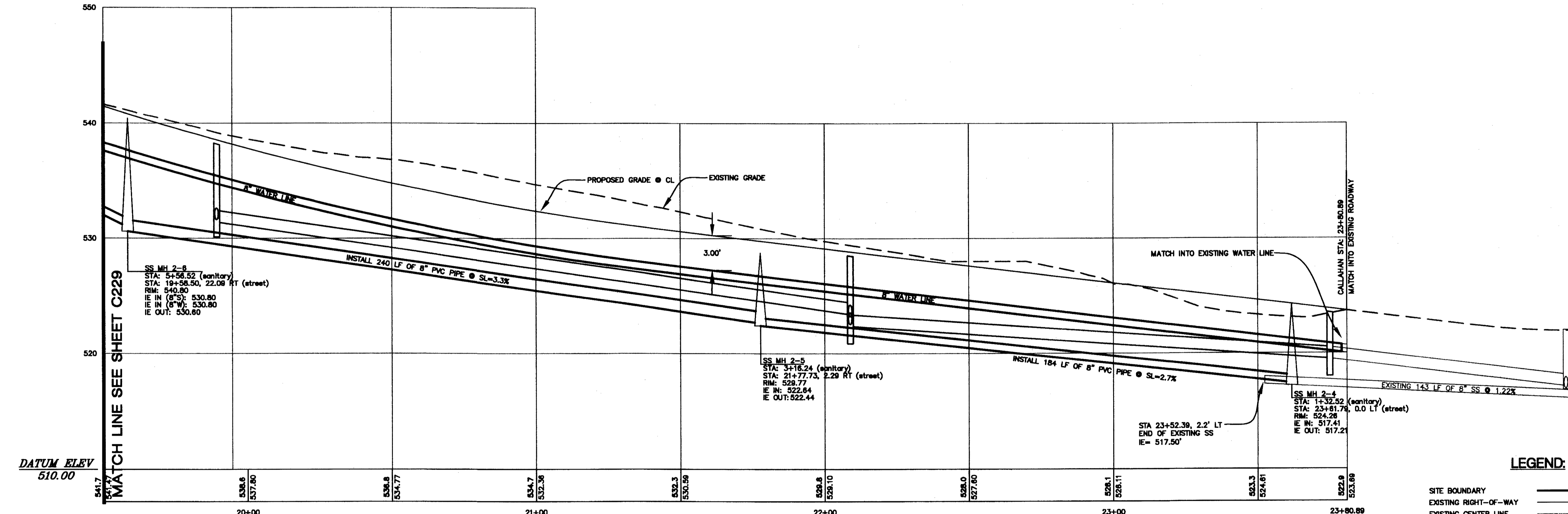


FILED
 Date: 10/3/08 By: JC
 This survey consists of:
 Map:
 Narrative:
 Corner Rpt:
 DOUGLAS COMPANY
 SURVEYORS

W R G
 DESIGN INC
 5415 SW Westgate Dr, Ste 100 Portland, OR 97221
 Tel. 503.419.2500 Fax 503.419.2800
 PLANNERS • ENGINEERS • LANDSCAPE ARCHITECTS • SURVEYORS



DATUM ELEV
510.00

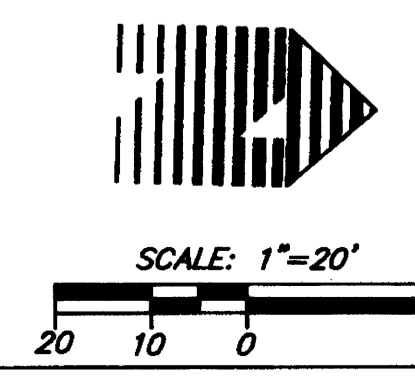
SCALE: 1" = 20' HORIZ. 1" = 5' VERT.
 STA: 19+50.00 - 23+80.89

WATER GENERAL NOTES:

- *ALL WATER MAIN LINES SHALL HAVE A MINIMUM OF 1' VERTICAL SEPARATION BETWEEN IT AND OTHER UTILITY LINES.
- *WATER METER LOCATIONS ARE SUBJECT TO CHANGE PER ROBERTS CREEK WATER DISTRICT STANDARDS.
- *WATER MAIN LINES SHALL MAINTAIN 36" OF COVER AT ALL TIMES.
- *NO WATER FIXTURE SHALL BE ALLOWED HIGHER THAN THE DISTRICTS SERVICE ELEVATION OF 688' UNLESS OTHERWISE SPECIFIED.

WATER NOTES:

- 1 INSTALL FIRE HYDRANT (COMPLETE WITH THRUST BLOCKING, 6" PIPE, 6" GATE VALVE, AND ALL FITTINGS). STA: 20+13.79 LT 24.50'
- 2 ROBERTS CREEK WATER DISTRICT TO TAP AND INSTALL ALL RESIDENTIAL SERVICE LATERALS, METER VAULTS AND METERS. CONTRACTOR TO COORDINATE WITH THEM (541-679-6321) TO PROVIDE ACCESS TO MAIN LINE BEFORE BACKFILLING.
- 3 INSTALL WATER LINE BEND AS NECESSARY WITH THRUST BLOCKING PER ROBERTS CREEK WATER DIST. STANDARDS.
- 4 STA: 23+75.00 LT 12.00' CONNECT INTO EXISTING 8" WATER LINE AND SECURE PER ROBERTS CREEK WATER DISTRICTS STANDARDS
- 5 INSTALL 394LF OF 8" C-900 WATER LINE
- 6 MAINTAIN 1' VERTICAL SEPARATION BETWEEN WATER MAIN LINE AND OTHER UTILITIES.



LEGEND:

SITE BOUNDARY	---
EXISTING RIGHT-OF-WAY	---
EXISTING CENTER LINE	---
EXISTING LOT LINE	---
EXISTING EASEMENT LINE	---
EXISTING CURB LINE	---
EXISTING SIDEWALK LINE	---
PHASE LINE	---
EXISTING GAS LINE	---
EXISTING STORM LINE	---
EXISTING CURB INLET	□
EXISTING SANITARY LINE	---
EXISTING SANITARY MANHOLE	○
PROPOSED RIGHT-OF-WAY	---
PROPOSED CENTER LINE	---
PROPOSED LOT LINE	---
PROPOSED EASEMENT LINE	---
PROPOSED CURB LINE	---
PROPOSED SIDEWALK	---
PROPOSED STORM LINE	---
PROPOSED CURB INLET	□
PROPOSED SANITARY LINE	---
PROPOSED SANITARY MANHOLE	○
PROPOSED WATER LINE	---
PROPOSED WATER VALVE	⊙
PROPOSED WATER METER	⊙
PROPOSED FIRE HYDRANT	⊙

CALLAHAN DR. SANITARY AND WATER PLAN STA 19+50.00 - 23+80.89
RIVER CREST ESTATES 2 - PHASE 2
 HAYDEN HOMES
 Green District, Oregon

AS-BUILT
 BASED ON CHANGES IDENTIFIED DURING CONSTRUCTION AS OF 3/7/08

REGISTERED PROFESSIONAL ENGINEER
 OREGON
 JULY 09, 2001
 KEVIN S. RUSSELL
 EXPIRES: 12-31-08

DATE: 11/03/08
 DRAWN: MIDB
 DESIGNED: MIDB
 CHECKED: IKBR
 PROJECT #: HAY819800
 SHEET TITLE: CALLAHAN SANITARY AND WATER PLAN
 SHEET NUMBER: C230
 OF 8 SHEETS

CO. RD. # 375J MP 031-039
CO. RD. 375J

SW375J03