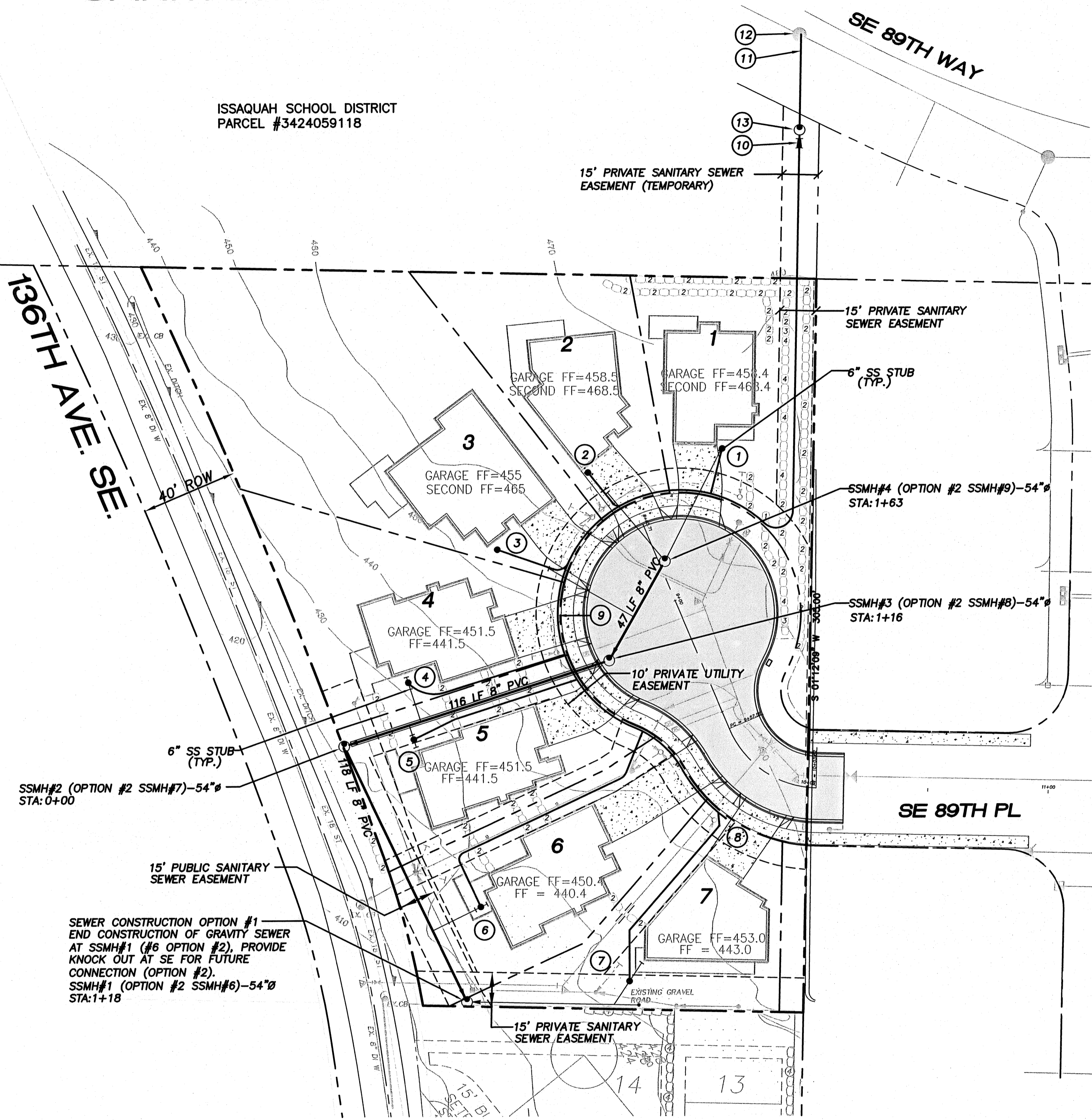


VARNEY SUBDIVISION

SANITARY SEWER PLANS

CITY OF NEWCASTLE



SEWER CONSTRUCTION

USE E-ONE GRINDER PUMPS AND SEWER FORCE MAINS TO PUMP SEWERAGE TO EXISTING SEWER MANHOLE AT SE 88TH WAY.

- ① E-ONE MODEL WH231-73, W/75 LF 1.50" HDPE SDR-11 LATERAL, PA1998P01 1.50" HDPE SDR-11 LATERAL KIT, SEE DETAIL SHEET 7
- ② E-ONE MODEL WH231-73, W/105 LF 1.50" HDPE SDR-11 LATERAL, PA1998P01 1.50" HDPE SDR-11 LATERAL KIT, SEE DETAIL SHEET 7
- ③ E-ONE MODEL WH231-73, W/70 LF 1.50" HDPE SDR-11 LATERAL, PA1998P01 1.50" HDPE SDR-11 LATERAL KIT, SEE DETAIL SHEET 7
- ④ E-ONE MODEL WH231-73, W/60 LF 1.50" HDPE SDR-11 LATERAL, PA1998P01 1.50" HDPE SDR-11 LATERAL KIT, SEE DETAIL SHEET 7
- ⑤ E-ONE MODEL WH231-73, W/25 LF 1.50" HDPE SDR-11 LATERAL, PA1998P01 1.50" HDPE SDR-11 LATERAL KIT, SEE DETAIL SHEET 7
- ⑥ E-ONE MODEL WH231-73, W/15 LF 1.50" HDPE SDR-11 LATERAL, PA1998P01 1.50" HDPE SDR-11 LATERAL KIT, SEE DETAIL SHEET 7
- ⑦ E-ONE MODEL WH231-73, W/15 LF 1.50" HDPE SDR-11 LATERAL, PA1998P01 1.50" HDPE SDR-11 LATERAL KIT, SEE DETAIL SHEET 7
- ⑧ CLEAN OUT W/ PIG PORT. SEE DETAIL SHEET 2
- ⑨ 400 LF 1.50" HDPE SDR-11 FORCEMAIN
- ⑩ 6" CLEANOUT, 6"x4" REDUCER, 4"x2" REDUCER, 2"x1-1/2" REDUCER
- ⑪ 26 LF 6" PVC @2.50%
- ⑫ CORE DRILL CONNECT TO EXISTING SSMH @ 88TH WAY, W/ KOR-N-SEAL BOOT, RECHANNELIZE EXISTING SSMH BASE AS REQUIRED.
- ⑬ INSTALL MANHOLE

NOTE:

OPTION 1:
SANITARY SEWER WILL CONNECT TO THE EXISTING MANHOLE IN S.E. 89TH WAY. A PRIVATE FORCEMAIN SYSTEM WILL BE TEMPORARILY INSTALLED TO PROVIDE SEWER SERVICE IN THE EVENT THAT DOWNSTREAM EASEMENTS CANNOT BE OBTAINED FROM PRIVATE PROPERTY OWNERS. A MANHOLE WILL BE INSTALLED ON ISSAQUAH SCHOOL DISTRICT PROPERTY AT THE NORTHERLY PROPERTY LINE ADJACENT TO S.E. 89TH WAY TO RECEIVE THE FORCEMAIN. A GRAVITY SEWER MAIN FROM THIS PRIVATE MANHOLE TO THE EXISTING MANHOLE IN S.E. 89TH WAY WILL SEPARATE THE PRIVATE SYSTEM FROM THE PUBLIC GRAVITY SEWER SYSTEM. THE ON-SITE PORTION OF OPTION 2 OF THE GRAVITY SEWER SYSTEM WILL BE INSTALLED IN CONJUNCTION WITH THE TEMPORARY PRIVATE FORCEMAIN SYSTEM TO PROVIDE GRAVITY HOOKUPS WHEN THE DOWNSTREAM SYSTEM IS EXTENDED TO THE SOUTHERLY PROPERTY LINE. A GRAVITY SEWER MAIN FROM EXISTING MANHOLE WITHIN THE COX PROPERTY TO SEWER MANHOLE No. 2 (THE NORTHERLY BOUNDARY OF THE COX PROPERTY) WILL BE CONSTRUCTED, AS SHOWN ON SHEET 4 OF 7.

OPTION 2:
IN THE EVENT THAT DOWNSTREAM EASEMENTS ARE PROCURED, THE GRAVITY SEWER SYSTEM ONLY WILL BE CONSTRUCTED PROVIDING CONNECTION TO MANHOLE No. 2 (THE NORTHERLY BOUNDARY OF THE COX PROPERTY) SHOWN ON SHEET 4 OF 7.

OWNERS

MARK AND DORTHEA VARNEY
GREACEN CONSTRUCTION, INC
1140 140TH AVE NE STE D
BELLEVUE, WA 98005-2976
PHONE: (425) 746-6440
FAX: (425) 766-2303

PROJECT ENGINEER/PLANNER

PACIFIC ENGINEERING DESIGN, LLC
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SEATTLE, WA 98188
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FAX: (206) 388-1648
WEB SITE: PACENG.COM

SURVEYOR

HANSEN SURVEYING
17420 116TH AVE S.E.
RENTON, WA, 98058
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FAX: (425) 235-0266

SHEET INDEX

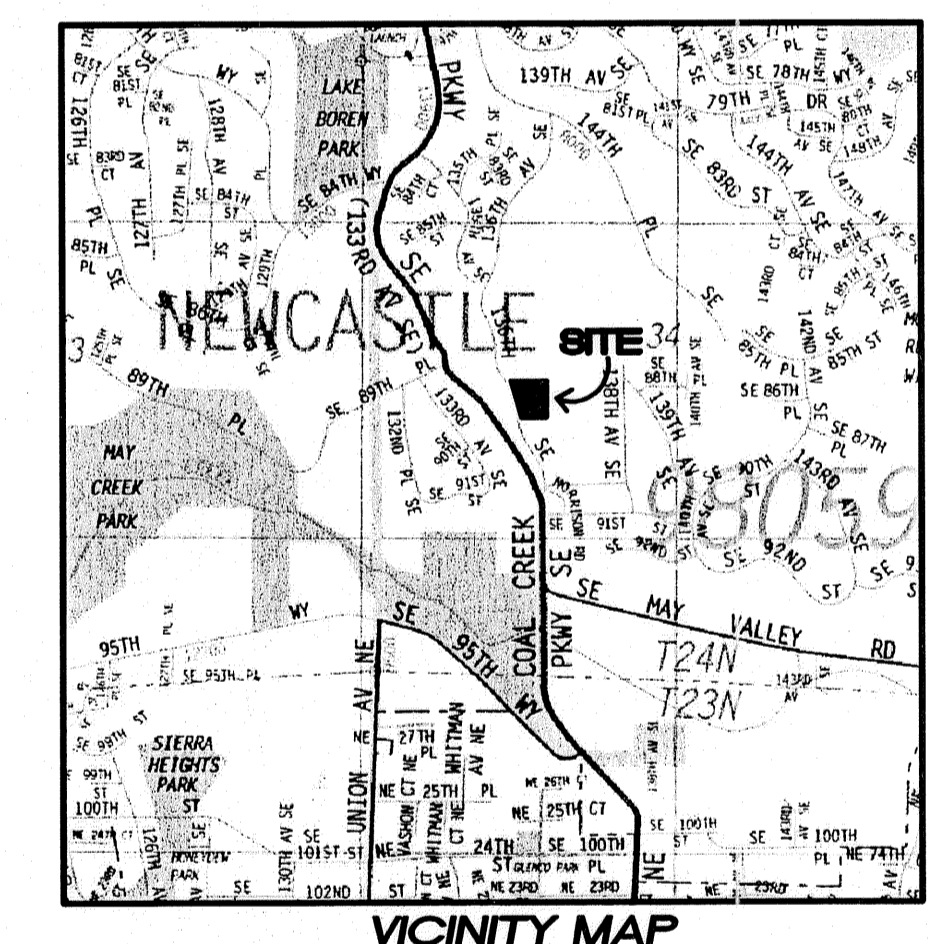
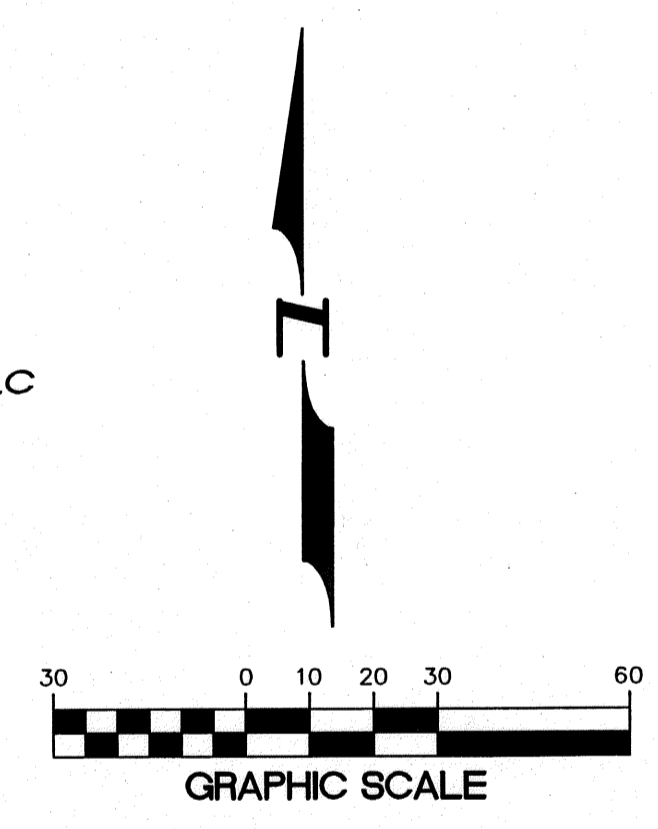
- 1 SANITARY SEWER PLAN/COVER SHEET (OPTION #1)
- 2 SANITARY SEWER ON-SITE PLAN AND PROFILE (OPTION #1)
- 3 SANITARY SEWER ON-SITE PLAN AND PROFILE (OPTION #2)
- 4 SANITARY SEWER OFF-SITE PLAN AND PROFILE (OPTION #2)
- 5 STANDARDS NOTES
- 6 STANDARDS DETAILS
- 7 E-ONE PUMP DETAILS (OPTION #1)

CAUTION

LOCATION OF EXISTING UTILITIES SHOWN IS APPROXIMATE AND MAY NOT BE ACCURATE OR ALL INCLUSIVE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY LOCATION OF UTILITIES PRIOR TO PROCEEDING WITH CONSTRUCTION.

UTILITY PURVEYORS

WATER: COAL CREEK UTILITY DISTRICT
SEWER: COAL CREEK UTILITY DISTRICT
POWER: PUGET SOUND ENERGY
TELEPHONE: QWEST COMMUNICATIONS
SCHOOL DISTRICT: ISSAQUAH #411
FIRE DISTRICT: BELLEVUE FIRE DISTRICT

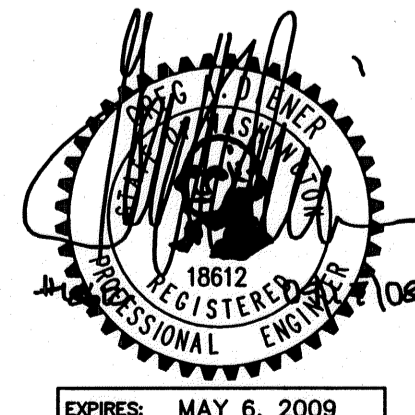


SITE INFORMATION

PROPERTY ADDRESS: 8824 136TH AVE. SE.
NEWCASTLE, WA 98059
EXISTING SITE ZONING: R-6, CITY OF NEWCASTLE
TOTAL SITE AREA: 1.5 AC.
PROPOSED LAND USE: SINGLE FAMILY DETACHED
PROPERTY PARCEL NO.: 3424059012
PROPOSED NUMBER OF LOTS: 7 LOTS
PROPOSED DWELLING UNITS: 7 DWELLING UNITS

Approved By:
Coal Creek Utility District
Date *9/26/08 Dave Hardy*

CALL BEFORE YOU DIG
Call: TOLL FREE
1-800-424-5555



FILE NAME (UPDATED BY) PROJECT DATE & TIME

| | | | | | |
|----------|-----|--|----------|-----|-------|
| DESIGNED | | | | | |
| DRAWN | JRL | REVISED PER COAL CREEK UTILITY DISTRICT COMMENTS | 09/17/08 | JGC | DGS |
| CHECKED | DGS | ADD FORCE MAIN/PRESENT TWO OPTIONS | 08/21/08 | JGC | DGS |
| | SYM | REVISION | DATE | BY | APP'D |

Pacific Engineering Design, LLC
15445 53RD AVE. S. SEATTLE, WA 98188
PHONE: (206) 431-7970 FAX: (206) 388-1648 WEB SITE: PACENG.COM
Civil Engineering and Planning Consultants

COAL CREEK UTILITY DISTRICT
6801 132ND PLACE S.E.
NEWCASTLE, WASHINGTON 98059

| | |
|-----------------------|---------------|
| REFERENCE INFORMATION | DATE |
| FIELD BOOK: | JULY 26, 2007 |
| SURV. CPU FILE: | SCALE |
| DATUM: NGVD29 | NOTED |

**VARNEY SEWER EXTENTION
SANITARY SEWER PLAN
OPTION # 1**

| | |
|---------------------|----------|
| JOB NUMBER | 07020.00 |
| DWG NO. 0601555.DWG | |
| SHEET | 1 OF 7 |