

N.W. 1/4, SEC. 26, T. 21 N., R. 4 E., W.M.

PEPPER HILL ESTATES

KING COUNTY, WA

LEGEND

EXISTING	PROPOSED	
—S— SANITARY SEWER MAIN	— SANITARY SEWER FORCE MAIN	— WATER MAIN
⊙ SEWER MANHOLE	⊗ ISOLATION GATE VALVE W/BOX	⊗ WATER VALVE
—SD— STORM LINE	⊗⊗ FORCE MAIN CLEANOUT W/PIG PORT (INLINE)	⊗ WATER METER
—W— WATER MAIN	⊕ WYE	⊕ TEE W/CONCRETE THRUST BLOCK
⊕ WATER METER	⊗⊗ FORCE MAIN CLEANOUT W/PIG PORT (END OF PIPE RUN)	⊕ ELBOW W/CONCRETE THRUST BLOCK
⊗ WATER VALVE	⊕ ELBOW	⊕ CAP W/CONCRETE THRUST BLOCK
⊕ FIRE HYDRANT	⊕ REDUCER	⊕ FIRE HYDRANT
PP⊙ POWER POLE	⊕ SIDE SERVICE	⊕ REDUCER
LP⊗ LIGHT POLE	⊕ ELBOW W/WATERTIGHT BOLTED BLIND FLANGE FOR FUTURE EXPANSION	— STORM LINE
—GUY WIRE		— TYPE I CB
—OHP— OVER HEAD POWER LINE		— TYPE II CB
—GAS— GAS MAIN		— ROOF DRAIN MAINFOLD
⊕ TYPE I CB		— ASPHALT PAVEMENT
⊕ TYPE II CB		— CONCRETE SIDEWALK
— ASPHALT PAVING		— CONCRETE CURB AND GUTTER
—422— CONTOUR		—422— CONTOUR
—W— WATER MAIN ASSUMED LOCATION		
—G— GAS MAIN ASSUMED LOCATION		

LAKEHAVEN UTILITY DISTRICT

0 Water Plan 9 Sewer Plan

Dated _____

APPROVED FOR CONSTRUCTION
SUBJECT TO CHANGES NOTED

The District's review is not a check of any dimension or quantities and will not relieve the Developer from responsibility for errors of any sort. No changes shall be made in the plans except by the consent of the District.

General Manager/District Engineer _____ Date _____

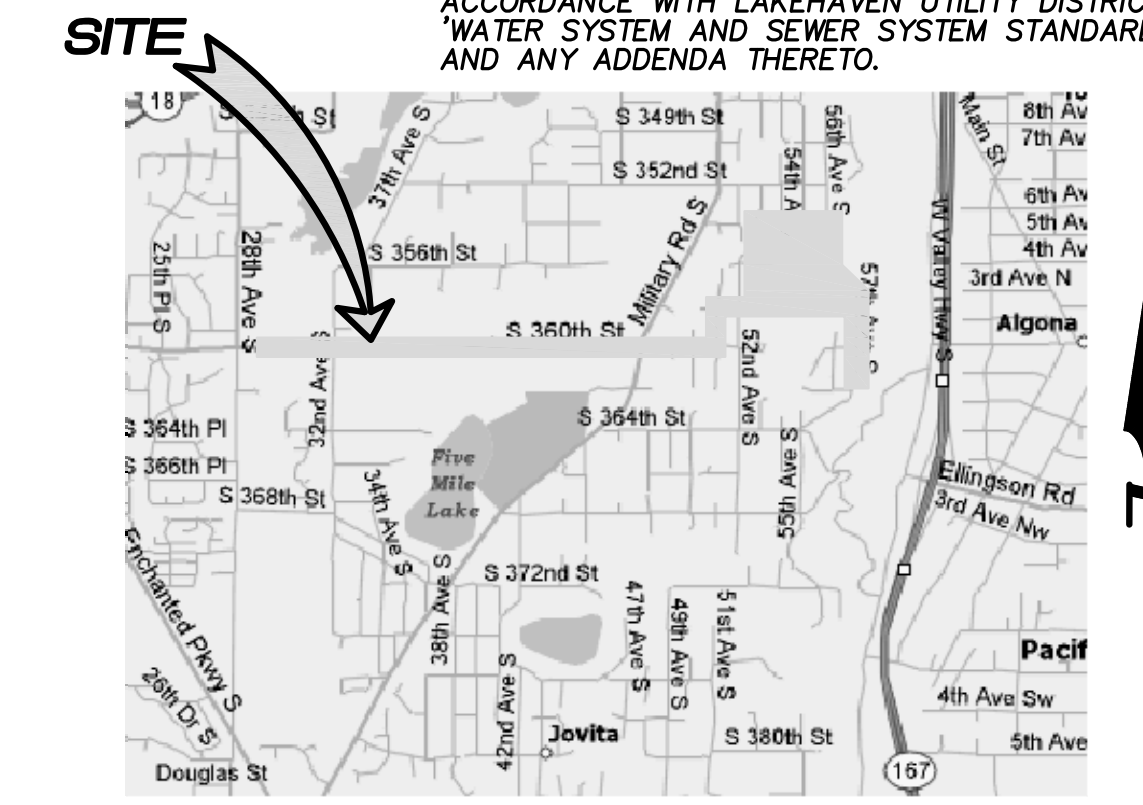
This construction plan will expire one year from plan approval date, if construction has not commenced.



15445 53RD AVE. S.
SEATTLE, WA 98188
PHONE: (206) 431-7970
FAX: (206) 388-1648
WEB SITE: PACENG.COM

Pacific Engineering Design, LLC
Civil Engineering and Planning Consultants

NOTE :
THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH LAKEHAVEN UTILITY DISTRICT WATER SYSTEM AND SEWER SYSTEM STANDARDS AND ANY ADDENDA THERETO.



VICINITY MAP

SHEET INDEX

- SS01 FORCE MAIN SANITARY SEWER COVER SHEET
- SS02 FORCE MAIN SANITARY SEWER S 360TH ST STA. 171+00.70 TO STA. 181+07.00 PLAN AND PROFILE
- SS03 FORCE MAIN SANITARY SEWER S 360TH ST STA. 181+07.00 TO STA. 191+07.00 PLAN AND PROFILE
- SS04 FORCE MAIN SANITARY SEWER S 360TH ST STA. 191+07.00 TO STA. 201+07.00 PLAN AND PROFILE
- SS05 FORCE MAIN SANITARY SEWER S 360TH ST STA. 201+07.00 TO STA. 215+47.15 PLAN AND PROFILE
- SS06 FORCE MAIN SANITARY SEWER S 360TH ST STA. 215+47.15 TO STA. 228+90.70 PLAN AND PROFILE
- SS07 FORCE MAIN SANITARY SEWER S 360TH ST/51ST AVE S STA. 228+90.70 TO STA. 238+50.33 PLAN AND PROFILE
- SS08 FORCE MAIN SANITARY SEWER S 358TH ST/53RD AVE S/S 356TH ST STA. 238+50.33 TO STA. 248+37.28 PLAN AND PROFILE
- SS09 FORCE MAIN SANITARY SEWER S 356TH ST STA. 248+37.28 TO STA. 251+77.45=110+00.00 TO STA. 112+73.36 PLAN AND PROFILE
- SS10 FORCE MAIN SANITARY SEWER 53RD AVE S PLAN AND PROFILE
- SS11 FORCE MAIN SANITARY SEWER 54TH AVE S PLAN AND PROFILE
- SS12 FORCE MAIN SANITARY SEWER S 354TH ST STA. 112+73.36 TO STA. 123+00.00 PLAN AND PROFILE
- SS13 FORCE MAIN SANITARY SEWER 55TH AVE S PLAN AND PROFILE
- SS14 FORCE MAIN SANITARY SEWER 56TH AVE S AND S 356TH ST STA. 22+35.37 TO STA. 30+00.00 PLAN AND PROFILE
- SS15 FORCE MAIN SANITARY SEWER S 356TH ST AND 57TH AVE S STA. 14+29.00 TO STA. 22+35.37 PLAN AND PROFILE
- SS16 FORCE MAIN SANITARY SEWER 57TH AVE S STA. 7+38.92 TO STA. 14+29.00 PLAN AND PROFILE
- SS17 FORCE MAIN SANITARY SEWER 57TH AVE S STA. 04+71.08 TO STA. 7+38.92 PLAN AND PROFILE
- SS18 FORCE MAIN SANITARY SEWER 56TH AVE S/S 360TH ST PLAN AND PROFILE
- SS19 FORCE MAIN SANITARY SEWER 56TH AVE S PLAN AND PROFILE
- SS20 FORCE MAIN SANITARY SEWER DETAILS
- SS21 FORCE MAIN SANITARY SEWER CROSS SECTIONS
- SS22 FORCE MAIN SANITARY SEWER PUMP STATION DETAILS
- SS23 FORCE MAIN SANITARY SEWER PUMP STATION DETAILS

KEY MAP
SCALE : 1" = 400'

HORIZONTAL CONTROL

- KING COUNTY SURVEY CONTROL POINT No. 6897, EAST QUARTER OF SECTION 28, T 21 N, R 4 E, W.M., CONCRETE MONUMENT WITH LEAD AND BRASS TACK, SET 1.6 FEET BELOW GRADE, IN STANDARD KC MON. CASE. NORTHING: 105165.739 (FEET) EASTING: 1278265.994 (FEET)
- KING COUNTY SURVEY CONTROL POINT No. 6907, NE CORNER OF SECTION 33, T 21 N, R 4 E, W.M., CONCRETE MONUMENT WITH LEAD AND BRASS TACK, SET 0.6 FEET BELOW GRADE, IN STANDARD KC MON. CASE. NORTHING: 102529.986 (FEET) EASTING: 1278209.517 (FEET)

VERTICAL DATUM :

NAVD 88

BENCH MARK :

KING COUNTY SURVEY CONTROL POINT No. 6905, SW CORNER OF SECTION 27, T 24 N, R 4 E, W.M., CONCRETE MONUMENT WITH LEAD AND BRASS TACK, SET 1.2 FEET BELOW GRADE, IN STANDARD KC MON. CASE. ELEVATION = 367.06

TO CONVERT FROM NAVD 88 TO NGVD-29 USE -3.58'

EXAMPLE : 367.06 NAVD 88
-3.58
= 363.48 NGVD-29

THE DATUM WILL BE CONVERTED TO KCAS (NGVD-29) DURING 'AS-BUILDING' STAGE.

UTILITY PURVEYORS

WATER:	LAKEHAVEN UTILITY DISTRICT
SEWER:	LAKEHAVEN UTILITY DISTRICT
POWER:	PUGET SOUND ENERGY
TELEPHONE:	QWEST COMMUNICATIONS
CABLEVISION:	ATT BROADBAND
GAS:	PUGET SOUND ENERGY
SCHOOL DISTRICT:	FEDERAL WAY SCHOOL DISTRICT
FIRE DISTRICT:	FIRE DISTRICT

WASTEWATER ENGINEER

CORRECT EQUIPMENT, INC.
14576 NE 95TH ST.
REDMOND, WA, 98052
PHONE: (425) 869-1233
FAX: (425) 869-1033

PROJECT ENGINEER/PLANNER

PACIFIC ENGINEERING DESIGN, LLC
15445 53RD AVE. S.
SEATTLE, WA, 98188
PHONE: (206) 431-7970
FAX: (206) 388-1648

OWNERS

PACIFIC HOUSING GROUP I, LLC
1420 5TH AVE., SUITE 2200
SEATTLE, WA., 98101-1346
PHONE: (206) 521-5979
FAX: (206) 224-2880

SURVEYOR

HANSEN SURVEYING
17420 116TH AVE S.E.
RENTON, WA, 98058
PHONE: (425) 253-8440
FAX: (425) 253-0266

APPLICANT

PACIFIC HOUSING GROUP I, LLC
1420 5TH AVE., SUITE 2200
SEATTLE, WA., 98101-1346
PHONE: (206) 521-5979
FAX: (206) 224-2880

SURVEYOR

C.E.S. NW INC.
5210 12TH AT. E.,
SUITE 200
FIFE, WA, 98424
PHONE: (253) 922-1532
FAX: (253) 922-1954

LAKEHAVEN UTILITY DISTRICT PROJECT No. 6304025
PEPPER HILL ESTATES

PROJECT NO.: 05052
DRAWN BY: JGC
ISSUE DATE: 09-30-05
SHEET REV.: 10-17-11

FORCE MAIN SANITARY SEWER COVER SHEET

05052SS01.DWG
SS01