



LEGEND

--- 4" TC ---	EXISTING 4" DIA. PVC TELEPHONE CONDUIT	----- 2" PVC W	NEW 2" DIA. SCH. 40 PVC WATERLINE
--- 2" SS ---	EXISTING 2" DIA. PVC SANITARY SEWER PIPING	----- 2" SS	NEW 2" DIA. PVC SANITARY SEWER TRANSPORT PIPE.
---	EXISTING SEPTIC DRAINFIELD LATERAL	160 FT	NEW 3" DIA. PVC ELECTRICAL CONDUIT, 2" DIA. PVC TELEPHONE CONDUIT, 1" DIA. PVC WATERLINE, 1.25" DIA. PVC SANITARY SEWER TRANSPORT PIPE, WITH LENGTH OF TRENCH SHOWN. SEE DTL. C, SHEET C-4.
- - - X - - -	EXISTING PIPE STUB-UP LOCATION, SEE SURVEY "X" FOR EXACT LOCATION	--- E/T ---	PROVIDE AND INSTALL 1000 GALLON SEPTIC TANK, PUMP AND RISERS BY OTHERS. STUB OUT 1.25" PVC SEPTIC TRANSPORT PIPE TO RISER LOCATION. SEE DTL. B, SHEET C-9.
- - - E/T - - -	EXISTING BURIED ELECTRICAL AND TELEPHONE LINES	---	NEW GRAVEL DRIVE AND PARKING AREAS, CLEAR AND GRUB, GRADE AND COMPACT 3" GRAVEL BASE COURSE, 2" GRAVEL TOP COURSE. SEE DTL. D, SHEET C-4.
- - - 1.25" W - - -	EXISTING 1.25" DIA. WATERLINE	---	PROVIDE AND INSTALL NEW WATER SERVICE. SEE DTL. B, SHEET C-9.
- - - 3" EC - - -	EXISTING 3" DIA. PVC ELECTRICAL CONDUIT	---	NEW ELECTRICAL TRANSFORMER AND METERS BY OTHERS.
---	PROPERTY LINE	---	
ⓔ	EXISTING ELECTRICAL TRANSFORMER	---	
Ⓜ	SURVEYED LOCATION, DESCRIPTION AND ELEVATION OF EXISTING FEATURES	---	
ⓧ	EXISTING TREE TO REMAIN. PROTECT FROM DAMAGE. NOT ALL TREES ARE SHOWN.	---	

- GENERAL SITE PREPARATION AND UTILITY CONSTRUCTION NOTES:**
- TELEPHONE: CONTRACTOR TO PROVIDE AND INSTALL CONDUITS TO EACH OF THE TRANSFORMER LOCATIONS, AND PROVIDE DITCHING FOR DIRECT BURY PHONE LINES TO EACH HOUSE SITE. CONTRACTOR SHALL ALSO PROVIDE AND INSTALL A 1" CONDUIT FROM THE TRANSFORMER TO EACH HOUSE SITE FOR FUTURE TELECOMMUNICATION NEEDS. CENTURY-TEL TO PROVIDE AND INSTALL WIRE AND PEDESTALS, N.I.C. CONTRACTOR SHALL SCHEDULE WORK WITH CENTURY-TEL 6 WEEKS PRIOR TO CONSTRUCTION (376-2160), IN ORDER TO SCHEDULE WORK WITH POTELCO AND ORDER MATERIALS.
 - ELECTRICAL: CONTRACTOR SHALL INSTALL 2" ROLLED CONDUIT TO EACH OF THE TRANSFORMER LOCATIONS, PER OPALCO SPECIFICATIONS. OPALCO WILL PROVIDE CONDUIT AND INSTALL WIRE, TRANSFORMERS AND METERS AND ARE N.I.C. CONTRACTOR SHALL COORDINATE WITH OPALCO ELECTRICIAN THE INSTALLATION OF ONE 2" ELECTRICAL CONDUIT FROM THE METERS TO EACH OF THE BUILDING SITES FOR FUTURE WIRE INSTALLATION BY OTHERS. CONTACT OPALCO TO SCHEDULE WORK.
 - SANITARY SEWER: CONTRACTOR SHALL PROVIDE AND INSTALL SEPTIC TANKS AND PIPING CONNECTIONS FROM TANK TO THE EXISTING DRAINFIELD USING SOME NEW AND SOME EXISTING PIPING. PUMP SYSTEMS SHALL BE PROVIDED AND INSTALLED BY ORCAS SEWAGE DESIGN AND ARE N.I.C. AN AS-BUILT OF THE EXISTING DRAINFIELD IS AVAILABLE FROM THE OWNER.
 - FOUNDATION LAYOUTS, UTILITY TRENCHING ROUTES AND CLEARING LIMITS SHALL BE STAKED AND FLAGGED BY THE OWNER.
- SPECIFIC CONSTRUCTION NOTES: (SEE PLAN FOR LOCATIONS)**
- LOCATE AND CONNECT (5) 2" SEPTIC TRANSPORT PIPES (STUBBED UP) TO EXISTING DRAINFIELD. LOCATE AND CONNECT (1) 2" SEPTIC TRANSPORT PIPE (WHICH IS NOT STUBBED UP) TO EXISTING DRAINFIELD.
 - NEW ELECTRICAL TRANSFORMER AND 4 POWER METERS TO BE INSTALLED IN THIS LOCATION BY OPALCO USING EXISTING CONDUITS. PHONE LINES TO BE EXTENDED BY CENTURY-TEL USING EXISTING CONDUITS. LOCATE AND CONNECT 4 SEPTIC TRANSPORT PIPES FOR LOTS G, D AND B. PROVIDE AND INSTALL 4 WATER METERS AND CONNECT SERVICES TO NEW 1.5" PVC WATER DISTRIBUTION MAIN.
 - LOCATE AND CONNECT 1.25" PVC AS SEWER TRANSPORT PIPE FROM LOT F TO 2" PVC SEPTIC TRANSPORT PIPE STUBBED UP. NEW ELECTRICAL TRANSFORMER AND 2 POWER METERS TO BE INSTALLED IN THIS LOCATION BY OPALCO USING EXISTING CONDUITS. PHONE LINES TO BE EXTENDED BY CENTURY-TEL USING EXISTING CONDUITS.
 - LOCATE AND CONNECT (1) 2" SEPTIC TRANSPORT PIPE FOR LOT E. PROVIDE AND INSTALL 1 WATER METER AND CONNECT SERVICE TO NEW 1.5" PVC WATER DISTRIBUTION MAIN.
 - LOCATE AND CONNECT (1) 1.25" SEPTIC TRANSPORT PIPE FOR LOT F. PROVIDE AND INSTALL 1 WATER METER AND CONNECT SERVICE TO NEW 1.5" PVC WATER DISTRIBUTION MAIN.
 - CUT IN NEW 2" AND 1.5" DISTRIBUTION WATER MAINS PER DETAIL E, SHEET C-6. OPALCO TO INSTALL POWER METER AT HIS LOCATION FOR THE WATER SYSTEM.

NO.	DATE	REVISION	HPE 410-04	PREPARED BY:	PREPARED FOR:	OPAL HOUSING - LAHARI - DEER HARBOR	SCALE:	DRAWING NO.
			DESIGNED BY GAB	HART PACIFIC ENGINEERING	OPAL COMMUNITY LAND TRUST	SITE PREPARATION AND UTILITIES PLAN	AS NOTED	C-2
			DRAWN BY GAB	P.O. BOX 3287, FRIDAY HARBOR, WASHINGTON 98250 360/378-7048	P.O. BOX 1133		DATE:	SHEET NO.
			CHECKED BY JPH	P.O. BOX 124, EASTBOUND, WASHINGTON 98245 360/376-3606	EASTBOUND, WA 98245		JULY 2004	2 of 9

