



LOCATE & CONNECT TO EXISTING 8" WATER LINE IN TWIGS LANE, APPROXIMATELY 130 FEET FROM PROPERTY CORNER. CONNECTION TO EXISTING 8" AC PIPE TO BE SPECIFIED BY EWUA. F&I 8" FLX MJ GV&VB (WEST).

LOCATE & CONNECT TO EXISTING 3" SEWER LINE. F&I 2" CHECK VALVE (SOUTH)

REMOVE EXISTING TRANSFORMER SERVING LOT A AND INSTALL SWITCH PAT. CONNECT TO PUBLIC UTILITY (BY OTHERS)

LOCATE & CONNECT TO EXISTING 3" SEWER LINE. F&I 2" CHECK VALVE (SOUTH)

EXISTING WELL. SEE NOTE 1.

NOTES:

- EXISTING WELL NORTH OF FISHER PROPERTY TO BE REMOVED FROM SERVICE AND MAINTAINED FOR FUTURE MONITORING. REMOVE TOP OF WELL CASING AND COVER WITH PVC CAP. PLACE FOG TITE BOX WITH TRAFFIC LOAD BEARING LID OVER WELL. EXISTING WATER SERVICE TO LOT A TO BE ABANDONED.
- LOCATIONS OF UTILITIES APPROXIMATE. DEVIATIONS TO BE APPROVED BY ENGINEER.
- CONTRACTOR SHALL PROVIDE AND INSTALL SEPTIC TANKS AND PIPING PER EASTSOUND SEWER AND WATER DISTRICT STANDARDS. PUMP SYSTEMS SHALL BE PROVIDED AND INSTALLED BY ORCAS SEWAGE DESIGN AND ARE NOT IN THIS CONTRACT.
- COMMON PROPANE TANKS, LINED, AND METERS TO BE INSTALLED IN ACCORDANCE WITH SAN JUAN PROPANE PLAN.
- LOCATION OF TELEPHONE PEDESTAL TO BE DETERMINED BY CENTURY TEL.
- THE SITE EXCAVATION WORK IS BEING FUNDED IN PART BY COMMUNITY DEVELOPMENT BLOCK GRANT FUNDS. IN ORDER TO PROPERLY ACCOUNT FOR THESE FUNDS, BIDDERS ARE TO DIVIDE THEIR BID ONTO TWO SHEETS, AS FOLLOWS:
 - BID SHEET A COVERS COSTS FOR ALL WORK EAST OF THE MID-PROPERTY LINE
 - BID SHEET B COVERS COSTS FOR ALL WORK WEST OF THE MID-PROPERTY LINE.

SANITARY SEWER SYSTEM LEGEND

- EXISTING SEWER LINE
- 2" PVC SANITARY SEWER DISTRIBUTION LINE
- 1000 GALLON SEPTIC TANK - STEP SYSTEM W/ 1-1/4" SCHEDULE 40 PVC SERVICE TO DISTRIBUTION. COORDINATE LOCATION OF SEPTIC TANKS W/ OTHER UTILITIES ON EACH LOT.
- CLEAN OUT
- ⊠ COMBINATION AIR RELEASE/VACUUM ASSEMBLY
- ⌘ CHECK VALVE

ELECTRICAL LEGEND

- ELECTRICAL POWER LINE (BY OTHERS)
- ⊠ ELECTRICAL TRANSFORMER/METER BASE (BY OTHERS)

WATER SYSTEM LEGEND

- EXISTING WATER LINE
- 2" HDPE DOMESTIC WATER SUPPLY
- 6" PVC FIRE WATER MAIN
- 1" HDPE WATER SUPPLY
- GROUPED 3/4" BADGER WATER METERS INSTALLED ON FORD METER BOX CO. "COPPERSETTERS". MANIFOLD OF METERS TO BE LOCATED IN FOG TITE METER BOX WITH TRAFFIC LOAD BEARING LID. INDIVIDUAL RESIDENTIAL SERVICES TO BE 1" HDPE.
- LOCATION OF CROSS CONTAMINATION HUT PER EWUA SPECIFICATIONS AND DOMESTIC SUPPLY 1 1/2" BADGER COLD WATER RECORDALL TURBO 160 METER W/ INTEGRAL STRAINER. INSTALL PER MANUFACTURERS RECOMMENDATIONS.
- HYDRANT ASSEMBLY WITH TWO BOULDERS AS ROADSIDE PROTECTION
- ⌘ GATE VALVE & VALVE BOX (GV&VB) ON 6" MAIN. BALL VALVE AND VALVE BOX ON 2" MAIN.

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 Plot Date: 3/21/2008 4:28 PM
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 User: Todd Prescott
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No.	REVISION	BY	APPD	DATE
1	TESC ADDENDUM 2 - ADDED PHASING AS NEW SHEET	RK	ME	10/30/07
2	RE-ISSUED SET	RK	RK	03/08

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OPAL COMMUNITY LAND TRUST

TODD PRESCOTT
REGISTERED PROFESSIONAL ENGINEER

DESIGNED T. WRIGHT	DRAWN T. PRESCOTT
CHECKED A. BEHNKE	APPROVED M. EWBANK
SCALE AS NOTED	

OPAL COMMUNITY LAND TRUST
 882 MOUNT BAKER ROAD SINGLE FAMILY HOUSING
 LOW IMPACT DEVELOPMENT

UTILITIES PLAN

DATE MARCH 2008
PROJECT NO. 07-03873-001
DRAWING NO. C-4
SHEET NO. 7 OF 23

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ONE INCH
AT FULL SIZE. IF NOT ONE
INCH SCALE ACCORDINGLY.