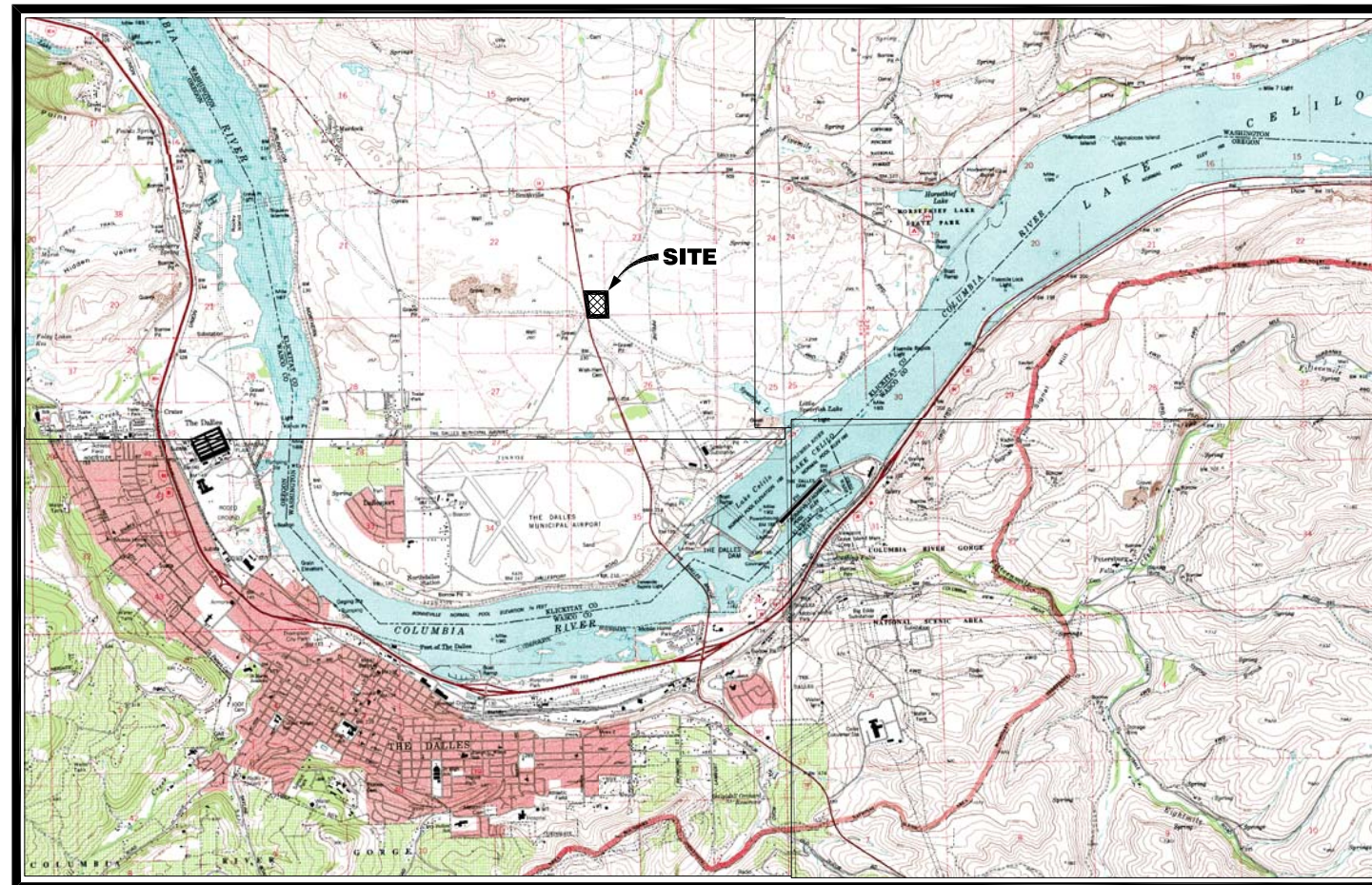


# PROPOSED DIP LOT 80 WATER WELL PROJECT FOR Klickitat County Port District No. 1 Dallesport Industrial Park SEPTEMBER 2014

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- SHEET 1 COVER SHEET**
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- SHEET 3 WELL DETAIL**



**DALLESPORT VICINITY MAP**  
SCALE: N.T.S.

**OWNER:**

**Klickitat County Port District No. 1**  
**154 East Bingen Point Way, Ste. A**  
**Bingen, WA 98605**  
**PH: (509) 493-1655**  
**FAX: (509) 493-4257**  
**MARC THORNSBURY,**  
**EXECUTIVE DIRECTOR**

**ENGINEER:**

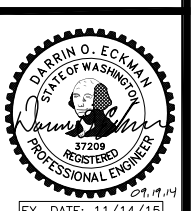
**TENNESON ENGINEERING CORP.**  
**3775 CRATES WAY**  
**THE DALLES, OR. 97058**  
**PH: (541) 296-9177**  
**FAX: (541) 296-6657**  
**DARRIN ECKMAN (PROJECT MANAGER)**  
**RILEY SKOV (PROJECT ENGINEER)**

DESIGN	D.O.E.	SURVEY	OTHERS
DWG. NO.			
K:\WORK\ORDERS\14367\14367\DRAWINGS\WATERWELL\14367			
DATE		DRAWN	
9/19/2014			R.S.S.
WORK ORDER NO.	SCALE		
14367	AS NOTED		

**COVER SHEET**  
FOR THE  
**DIP LOT 80 WATER WELL PROJECT**  
DALLESPORT, KICKITAT COUNTY, WASHINGTON  
Plot Date: 9/19/2014

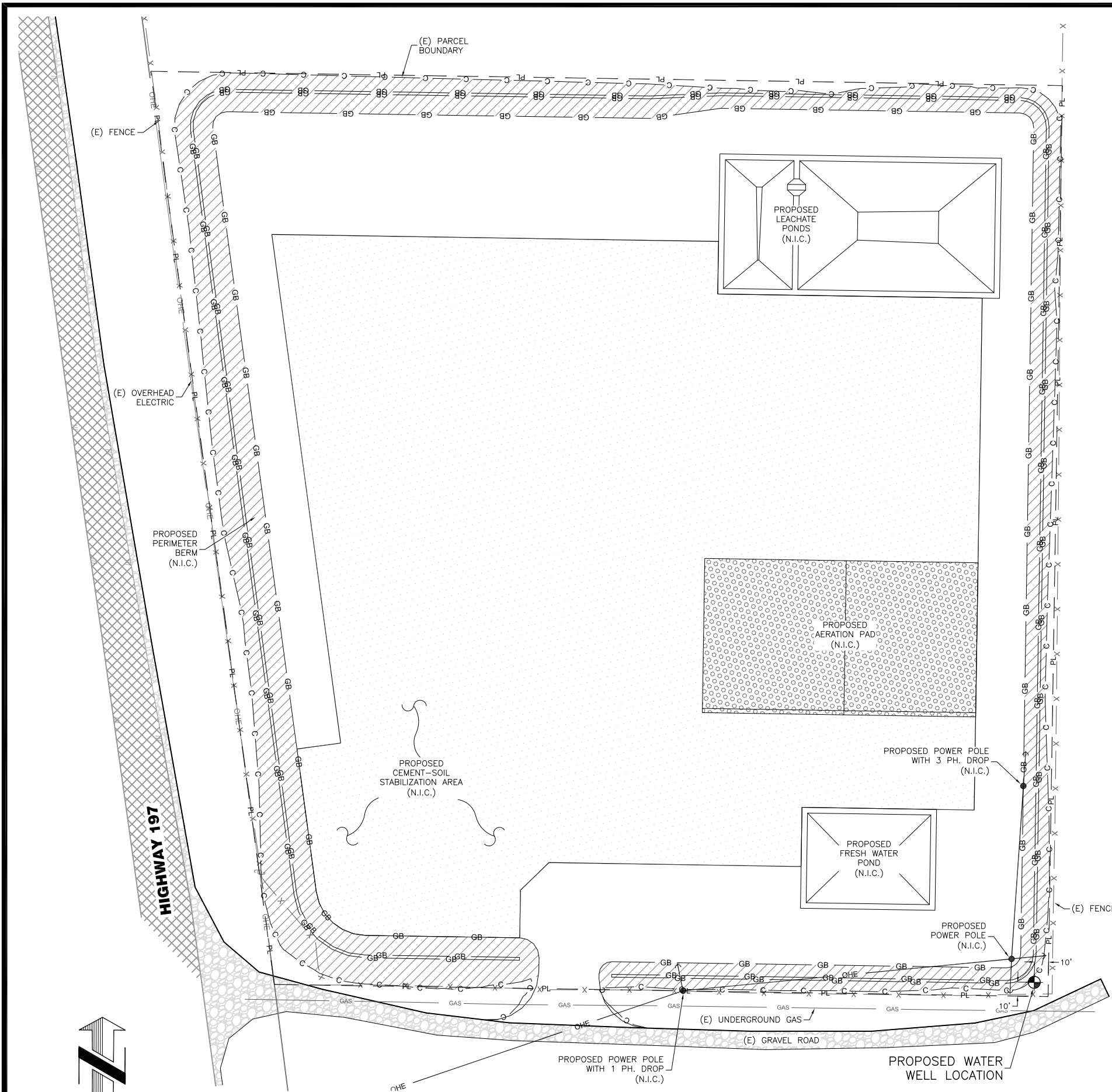
**TENNESON ENGINEERING CORP.**  
CONSULTING ENGINEERS  
3775 CRATES WAY  
THE DALLES, OREGON 97058  
PH. 541-296-9177 FAX 541-296-6657

**FOR CONSTRUCTION**



**COVER SHEET**  
**1 3**

Work Order No. 14367



**SITE PLAN**  
SCALE: 1" = 80'

**LEGEND :**

- MANHOLE
- (S) --- (E) SAN SEWER
- SAN --- SAN --- PROPOSED SAN SEWER
- (S) --- (E) STORM SEWER
- SD --- PROPOSED STORM SEWER
- ▭ CATCH BASIN
- CLEAN OUT
- (W) --- (E) WATER LINE
- W --- W --- PROPOSED WATER LINE
- ⊕ FIRE HYDRANT
- ⊗ WATER VALVE
- BLOW-OFF VALVE
- ⊕ WM = WATER METER
- GB --- GB --- GRADE BREAK
- C --- C --- CATCH LINE
- D --- D --- DITCH LINE
- OHE --- OVERHEAD ELECTRIC POWER LINE
- UE --- UE --- UE --- UE --- UNDERGROUND ELECTRIC POWER LINE
- (E) --- (E) POWER POLE
- (E) --- (E) FENCE LINE
- ⊕ TELEPHONE PEDESTAL
- ⊕ P --- POWER TRANSFORMER
- ⊕ G --- GAS METER
- ⊕ EM --- ELECTRIC METER
- (E) --- (E) CONTOUR LINE
- 100 --- (E) INDEX CONTOUR LINE
- 100 --- PROPOSED F.G. INDEX CONTOUR LINE
- 100 --- PROPOSED F.G. CONTOUR LINE

N O T E : ALL OTHERS AS NOTED ON PLAN

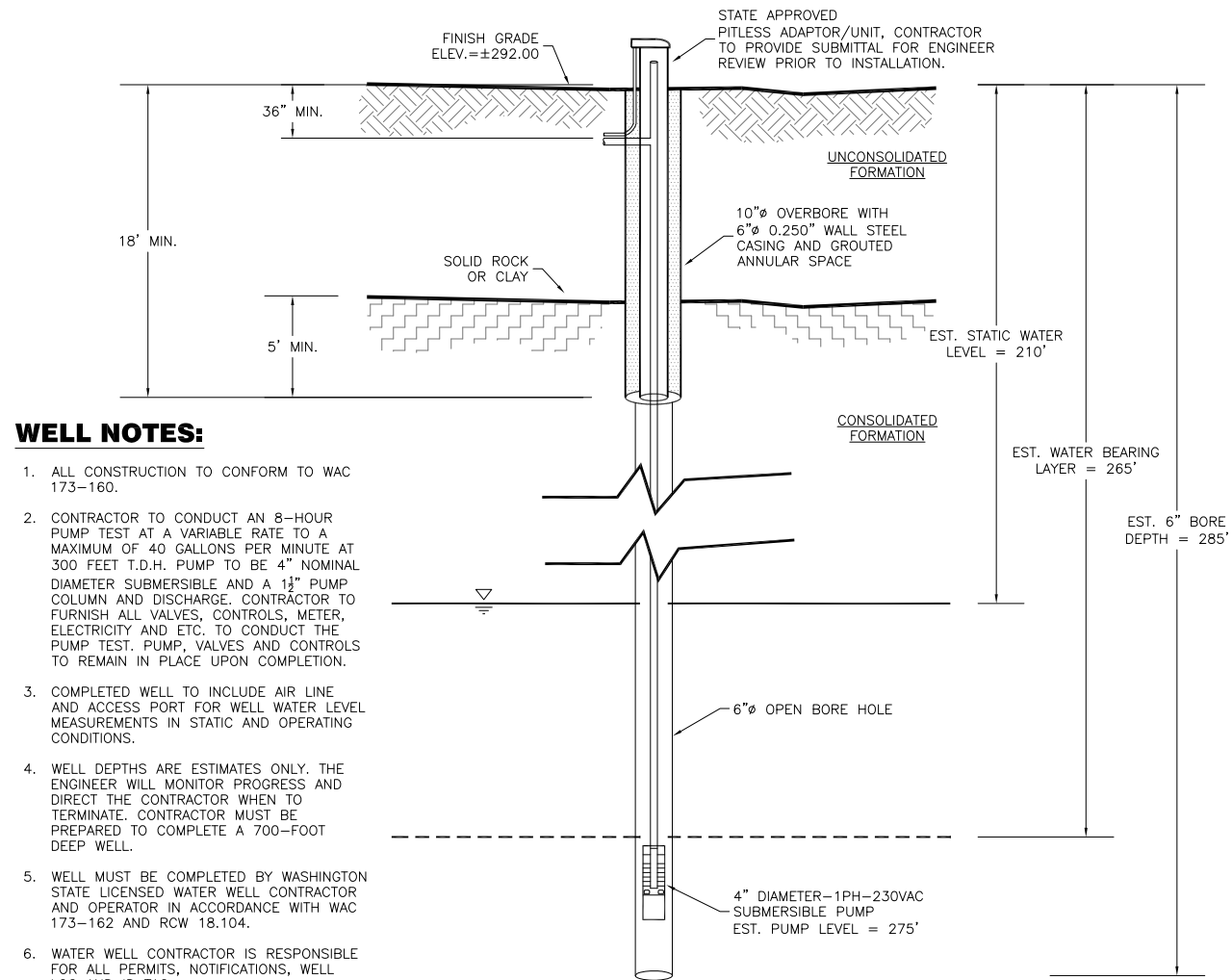
**HATCH LEGEND :**

- ▭ PROPOSED LANDSCAPING
- ▭ EXISTING CONCRETE
- ▭ EXISTING GRAVEL
- ▭ EXISTING ASPHALT
- ▭ EXISTING BUILDING
- ▭ PROPOSED CONCRETE
- ▭ PROPOSED GRAVEL
- ▭ PROPOSED ASPHALT

**GENERAL NOTES:**

1. CONTRACTOR SHALL COMPLY WITH STATE UTILITY LOCATE PROVISIONS. NO EXCAVATION SHALL BE PERFORMED WITHOUT PROPER NOTIFICATION OF UTILITIES.
2. KNOWN UTILITIES IN THE AREA OF WORK HAVE BEEN SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR. NO RESPONSIBILITY IS ASSUMED BY EITHER THE OWNER OR THE CONSULTING ENGINEER FOR THE COMPLETENESS OR ACCURACY OF THE LOCATIONS, TYPE, OR NUMBER OF EXISTING UTILITIES.
3. CONTRACTOR TO ARRANGE A PRE-CONSTRUCTION MEETING PRIOR TO START OF WORK WITH THE OWNER, ENGINEER, LESSEE AND APPLICABLE UTILITY STAFF.
4. CONTRACTOR TO PAY ALL PROJECT UTILITY TAPPING, TV, AND CHLORINATION COSTS. COST FOR RETESTING SHALL BE BORNE BY THE CONTRACTOR. CONTRACTOR SHALL COORDINATE AND PAY ALL COSTS ASSOCIATED WITH CONNECTING TO EXISTING WATER, SANITARY SEWER AND STORM SEWER FACILITIES.
5. UNLESS OTHERWISE APPROVED BY THE JURISDICTION, CONSTRUCTION OF ALL PUBLIC FACILITIES SHALL BE DONE BETWEEN 7:00 AM. AND 6:00 P.M., MONDAY THROUGH FRIDAY.
6. ANY INSPECTION BY THE OWNER OR OTHER AGENCIES SHALL NOT, IN ANY WAY, RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE CONTRACT DOCUMENTS, APPLICABLE CODES AND AGENCY REQUIREMENTS.
7. MOST INFRASTRUCTURE SHOWN IS NOT IN CONTRACT (N.I.C.)
8. LESSEE WILL REMOVE PORTIONS OF BERM AS NECESSARY FOR WELL AND ELECTRICAL POLE CONSTRUCTION.

<b>DESIGN</b>	D.O.E.	SURVEY	OTHERS
<p><b>SITE PLAN</b></p> <p>FOR THE</p> <p><b>DIP LOT 80 WATER WELL PROJECT</b></p> <p>DALLESPORT, CLATSOP COUNTY, WASHINGTON</p> <p style="font-size: small;">Plot Date: 9/19/2014</p>			
<p><b>TENNESON ENGINEERING CORP.</b></p> <p>CONSULTING ENGINEERS</p> <p>3775 CRATES WAY</p> <p>THE DALLES, OREGON 97058</p> <p>PH. 541-296-9177 FAX 541-296-6657</p>			
<p><b>FOR CONSTRUCTION</b></p>			
<p><b>SITE PLAN</b></p> <p>SHEET</p> <p style="font-size: 2em; font-weight: bold;">2 3</p>			
<p>Work Order No. 14367</p>			



**WELL NOTES:**

1. ALL CONSTRUCTION TO CONFORM TO WAC 173-160.
2. CONTRACTOR TO CONDUCT AN 8-HOUR PUMP TEST AT A VARIABLE RATE TO A MAXIMUM OF 40 GALLONS PER MINUTE AT 300 FEET T.D.H. PUMP TO BE 4" NOMINAL DIAMETER SUBMERSIBLE AND A 1 1/4" PUMP COLUMN AND DISCHARGE. CONTRACTOR TO FURNISH ALL VALVES, CONTROLS, METER, ELECTRICITY AND ETC. TO CONDUCT THE PUMP TEST. PUMP, VALVES AND CONTROLS TO REMAIN IN PLACE UPON COMPLETION.
3. COMPLETED WELL TO INCLUDE AIR LINE AND ACCESS PORT FOR WELL WATER LEVEL MEASUREMENTS IN STATIC AND OPERATING CONDITIONS.
4. WELL DEPTHS ARE ESTIMATES ONLY. THE ENGINEER WILL MONITOR PROGRESS AND DIRECT THE CONTRACTOR WHEN TO TERMINATE. CONTRACTOR MUST BE PREPARED TO COMPLETE A 700-FOOT DEEP WELL.
5. WELL MUST BE COMPLETED BY WASHINGTON STATE LICENSED WATER WELL CONTRACTOR AND OPERATOR IN ACCORDANCE WITH WAC 173-162 AND RCW 18.104.
6. WATER WELL CONTRACTOR IS RESPONSIBLE FOR ALL PERMITS, NOTIFICATIONS, WELL LOG AND ID TAG.

**WELL DETAIL**

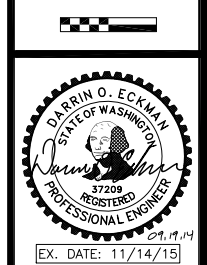
SCALE: N.T.S.

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WORK ORDER NO.	14367	SCALE	AS NOTED

**WELL DETAILS**  
 FOR THE  
**DIP LOT 80 WATER WELL PROJECT**  
 DALLESPORT, KICKITAT COUNTY, WASHINGTON  
 Plot Date: 9/19/2014

**TENNESON ENGINEERING Corp.**  
 CONSULTING ENGINEERS  
 3775 CRATES WAY  
 THE DALLES, OREGON 97058  
 PH. 541-296-9177 FAX 541-296-6657

**FOR CONSTRUCTION**



**WELL SHEET 3 3**

Work Order No. 14367