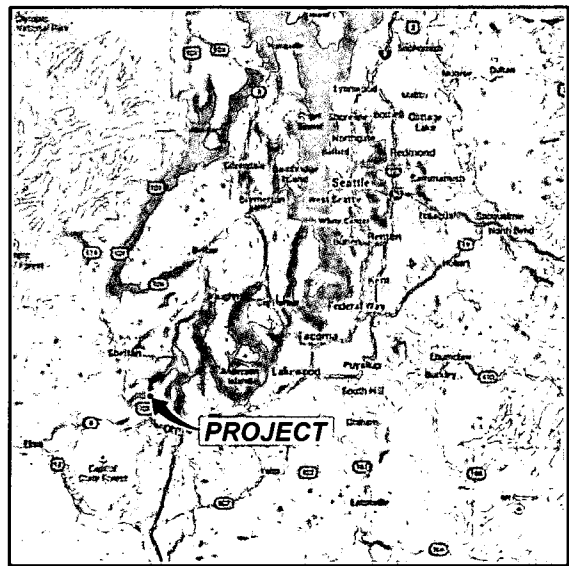


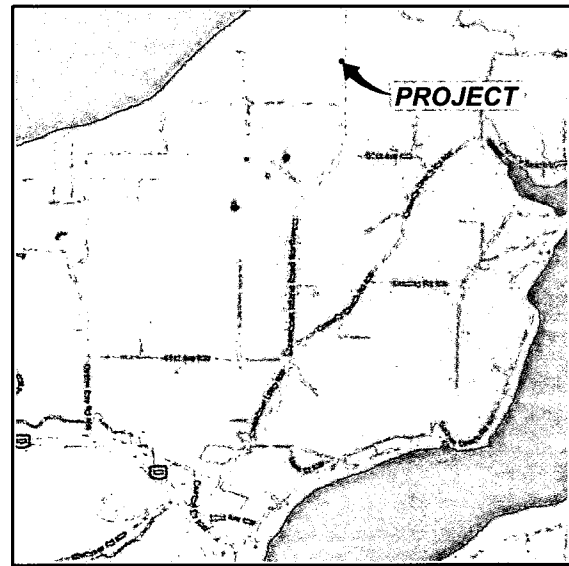
verizonwireless

# OLY ELD INLET

5541 STEAMBOAT ISLAND RD NW  
OLYMPIA, WA 98502



**VICINITY MAP**  
NOT TO SCALE



**GENERAL LOCATION MAP**  
NOT TO SCALE

## DRIVING DIRECTIONS

FROM VERIZON WIRELESS OFFICE:

- HEAD SOUTHWEST ON 158TH AVE SE
- TURN RIGHT ONTO SE EASTGATE WAY
- TURN LEFT TO MERGE ONTO I-90 W TOWARD SEATTLE
- TAKE EXIT 10 FOR INTERSTATE 405 S TOWARD RENTON
- MERGE ONTO I-405 S
- TAKE THE INTERSTATE 5 S EXIT TOWARD PORTLAND
- MERGE ONTO I-5 S
- TAKE EXIT 104 TO MERGE ONTO US-101 N
- SLIGHT RIGHT ONTO HWY 101 N/US-101 N (SIGNS FOR SHELTON/PORT ANGELES)
- TAKE THE EXIT TOWARD STEAMBOAT ISLAND
- TURN LEFT ONTO SEXTON DR NW
- TURN RIGHT ONTO STEAMBOAT ISLAND ROAD NORTHWEST

## APPROVAL / SIGN OFF

APPROVED BY	DATE	SIGNATURE
SITE ACQUISITION		
ZONING		
RF		
CONSTRUCTION MANAGER		
PROJECT MANAGER		

REVIEWERS SHALL CLEARLY PLACE INITIALS ADJACENT TO EACH REDLINE NOTE AS DRAWINGS ARE BEING REVIEWED

## LEGAL DESCRIPTION

LOT 5 OF LARGE LOT SUBDIVISION NO LLS-05-107525-TC, AS RECORDED JUNE 2ND, 2006 UNDER AUDITOR'S FILE NOS. 38366814 AND 38366815.

IN THURSTON COUNTY, WASHINGTON

## PROJECT CONTACT LIST

### APPLICANT:

VERIZON WIRELESS  
3245 158TH AVENUE SE, MS231  
BELLEVUE, WA 98008

### PROJECT ARCHITECT:

LDC, INC.  
14201 NE 200TH ST, SUITE 100  
WOODINVILLE, WA 98072  
CONTACT: RICHARD B. HALL, AIA  
PHONE: (425) 806-1869  
FAX: (425) 482-2893

### PROJECT SURVEYOR:

LDC, INC.  
14201 NE 200TH ST, SUITE 100  
WOODINVILLE, WA 98072  
CONTACT: VANCE BLUE, PLS  
PHONE: (425) 806-1869  
FAX: (425) 482-2893

### PROJECT ENGINEER:

LDC, INC.  
14201 NE 200TH ST, SUITE 100  
WOODINVILLE, WA 98072  
CONTACT: JESSICA WREN, PE, SE  
PHONE: (425) 806-1869  
FAX: (425) 482-2893

### PROPERTY OWNER:

5541 STEAMBOAT ISLAND RD NW  
OLYMPIA, WA 98502  
CONTACT: ROBERT A SKILLMAN  
PHONE: (360) 791-0082

### SITE ACQUISITION & PERMITTING:

TECHNOLOGY ASSOCIATES EC INC.  
CONTACT: ALICIA VORE  
PHONE: (503) 888-9317  
EMAIL: alicia.vore@taec.net

### CIVIL ENGINEER:

LDC, INC.  
14201 NE 200TH ST, SUITE 100  
WOODINVILLE, WA 98072  
CONTACT: MATTHEW MERRETT, PE  
PHONE: (425) 806-1869  
FAX: (425) 482-2893

## PROJECT INFORMATION

### CODE INFORMATION:

ZONING CLASSIFICATION: RRR 1/5 - RURAL RESIDENTIAL RESOURCE 1/5  
BUILDING CODE: IBC 2012  
CONSTRUCTION TYPE: IIB  
OCCUPANCY: U, S-2  
JURISDICTION: THURSTON COUNTY  
PROPOSED BUILDING USE: UNMANNED TELECOM

### SITE LOCATION (NAD83):

LATITUDE: 47° 06' 42.69" N (47.111857° N)  
LONGITUDE: 123° 00' 31.41" W (123.008725° W)  
TOP OF STRUCTURE: 275.15' AMSL 150'-0" AGL  
BASE OF STRUCTURE: 125.15' AMSL 0'-0" AGL

### PROJECT LEASE AREA:

1,200 SF

### PARCEL NUMBER:

13925220106

### NEW IMPERVIOUS AREA:

4,004 SF (LEASE AREA & GRAVEL DRIVEWAY)

### AREA OF PARCEL:

11.85 ACRES

### GENERAL INFORMATION:

1. PARKING REQUIREMENTS ARE UNCHANGED.
2. TRAFFIC IS UNAFFECTED.
3. SIGNAGE IS UNAFFECTED.

### PROJECT DESCRIPTION:

VERIZON WIRELESS PROPOSES TO CONSTRUCT AN UNMANNED TELECOMMUNICATIONS FACILITY CONSISTING OF 150'-0" MONOPOLE WITHIN A 30'X40' FENCED LEASE AREA.

## DRAWING INDEX

DWG NO.	DESCRIPTION
T-1.0	TITLE SHEET
G-1.0	GENERAL NOTES
C-1.0	CIVIL SURVEY
ER-01	TESC PLAN
ER-02	NOTES AND DETAILS
ER-03	NOTES AND DETAILS
A-1.0	SITE PLAN
A-2.0	ENLARGED SITE PLAN
A-3.0	ELEVATIONS
A-4.0	CONSTRUCTION DETAILS
A-4.1	CONSTRUCTION DETAILS
A-4.2	CONSTRUCTION DETAILS
A-4.3	CONSTRUCTION DETAILS
A-5.0	CONSTRUCTION DETAILS
S-1.0	STRUCTURAL GENERAL NOTES
S-1.1	SCHEDULE OF SPECIAL INSPECTIONS
S-2.0	STRUCTURAL DETAILS
M-1.0	MECHANICAL SPECIFICATIONS
RF-1.0	ANTENNA CONFIGURATIONS
E-1.0	SINGLE LINE DIAGRAM
E-2.0	ELECTRICAL SITE PLAN
E-2.1	ELECTRICAL DETAILS
E-3.0	SCHEMATIC GROUNDING PLAN
E-4.0	GROUNDING DETAILS
E-5.0	GROUNDING DETAILS
L-1.0	LANDSCAPING PLAN-TREE PRESERVATION AREA

## UTILITY COMPANIES

### POWER:

PUGET SOUND ENERGY  
PHONE: (888) 225-5773

### TELEPHONE:

CENTURY LINK  
PHONE: (800) 777-9594

## SCALE DISCLAIMER

DO NOT SCALE DRAWINGS. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND ADVISE CONSULTANTS OF ANY ERRORS AND OMISSIONS. ALL PREVIOUS ISSUES OF THIS DRAWINGS ARE SUPERSEDED BY THE LATEST REVISION.

## PROPRIETARY INFORMATION

THE INFORMATION CONTAINED IN THIS SET OF CONSTRUCTION DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO VERIZON WIRELESS SERVICES IS STRICTLY PROHIBITED.



verizonwireless

**LDC** Architectural  
Engineering  
Structural  
Survey  
THE CIVIL ENGINEERING GROUP  
14201 NE 200th St, #100 Ph: 425.806.1869  
Woodinville, WA 98072 Fx: 425.482.2893  
www.LDCcorp.com

DATE: 8-13-14

DRAWN BY: JDM

CHECKED BY: RBH

REVISIONS			
REV	DATE	DESCRIPTION	BY
1	8-13-14	PRELIMINARY ZONING	RBH
2	2-6-15	FINAL ZONING	RBH
3	3-4-15	PRELIMINARY CONSTRUCTION	RBH
4	4-16-15	REVISED PRELIM. CONSTRUCTION	RBH
5	9-22-15	FINAL CONSTRUCTION	RBH
6	9-25-15	FINAL CONSTRUCTION	RBH

8828 REGISTERED  
ARCHITECT  
Richard B. Hall  
RICHARD B. HALL  
STATE OF WASHINGTON

### SITE

OLY ELD INLET  
5541 STEAMBOAT ISLAND RD NW  
OLYMPIA, WA 98502

### SHEET TITLE

TITLE SHEET

### SHEET NUMBER

T-1.0

GENERAL NOTES:

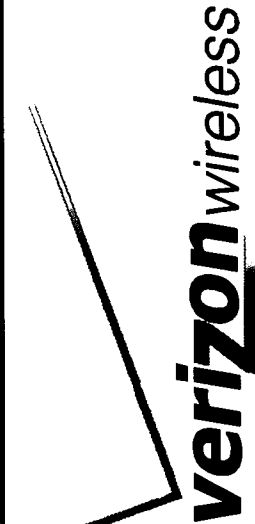
1. THE PROPOSED INSTALLATION WILL BE UNMANNED AND DOES NOT REQUIRE POTABLE WATER OR SEWER SERVICE.
2. THE PROPOSED INSTALLATION IS UNMANNED AND IS NOT FOR HUMAN HABITATION (NO HANDICAP ACCESS IS REQUIRED)
3. OCCUPANCY IS LIMITED TO PERIODIC MAINTENANCE AND INSPECTION, APPROXIMATELY 2 TIMES PER MONTH, BY VERIZON WIRELESS TECHNICIANS.
4. NO NOISE, SMOKE, DUST OR ODOR WILL RESULT FROM THIS PROPOSAL.
5. OUTDOOR STORAGE AND SOLID WASTE CONTAINERS ARE NOT PROPOSED.
6. ALL REFERENCES TO SPECIFIC STANDARDS FOR THIS PROPOSAL ARE UNDERSTOOD TO BE THE LATEST VERSION.
7. THE TENDERED MUST UNDERGO A SITE VISIT TO CAREFULLY EXAMINE AND UNDERSTAND THE SCOPE OF THE WORK REQUIRED BEFORE BID SUBMISSION. NO COMPENSATION IN ANY FORM WILL BE PAID FOR EXPENSES RESULTING FROM FAILURE TO DO SO.
8. IF THE SPECIFIED EQUIPMENT CAN NOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION FOR APPROVAL BY THE CONSTRUCTION MANAGER.
9. CONTRACTOR IS RESPONSIBLE FOR FIELD MEASUREMENTS TO CONFIRM LENGTHS OF CABLE TRAYS, ELECTRICAL LINES, AND ANTENNA CABLES.
10. ROUTING OF ALL CONDUITS, CABLES, CABLE TRAYS, ETC. IS INDICATED AS PROPOSED LOCATIONS ONLY. CONFIRM THE EXACT ROUTING WITH THE ON-SITE CONSTRUCTION MANAGER PRIOR TO THE START OF WORK.
11. ALL DAMAGE OR OPENING UP OF THE EXISTING STRUCTURE MUST BE MADE GOOD TO THE PRE-CONSTRUCTION CONDITION OR BETTER.
12. INSPECTION OF COMPLETED WORK IS REQUIRED BEFORE COVERING UP. PROVIDE A MINIMUM OF 72 HOURS NOTICE TO CONSULTANT.
13. REMOVE AND CLEAN UP ANY DEBRIS OR MATERIAL FROM THE SITE THROUGHOUT THE DURATION OF THE CONTRACT ON A DAILY BASIS AND UPON COMPLETION OF THE WORK AS DIRECTED BY THE CONSTRUCTION MANAGER.
14. OBTAIN AND PAY FOR ALL ELECTRICAL PERMITS AND INSPECTIONS REQUIRED FOR COMPLETION OF WORK AND ACCEPTANCE. PROVIDED CERTIFICATES TO THE CONSTRUCTION MANAGER VERIFYING THAT THE WORK CONFORMS TO THE REQUIREMENTS OF ALL CODES AND AUTHORITIES HAVING JURISDICTION.
15. PROVIDE VERIZON WIRELESS WITH A WRITTEN WARRANTY, EFFECTIVE FOR ONE YEAR AFTER DATE OF ACCEPTANCE. FOR THE COMPLETE INSTALLATION REPAIR OR REPLACE ANY DEFECTS ARISING DURING THIS PERIOD AT NO EXTRA COST TO VERIZON WIRELESS.
16. NO DEVIATIONS FROM DESIGN SHOWN ON THESE DRAWINGS IS ALLOWED WITHOUT WRITTEN APPROVAL FROM THE CONSULTANT. FAILURE TO OBSERVE THIS RULE MAY RESULT IN CONTRACTOR CORRECTING THE INSTALLATION AT THEIR EXPENSE.
17. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL AND NATIONAL CODES, REGULATIONS AND SAFETY REGULATIONS. ALL OSHA REGULATIONS, ALL PUBLIC AND MUNICIPAL AUTHORITIES, AND ANY UTILITY COMPANIES' REGULATIONS AND DIRECTIVES.
18. THE DRAWINGS AND SPECIFICATIONS ARE A GENERAL DIRECTIVE FOR THE SCOPE OF WORK. EXACT DIMENSIONS AND LOCATIONS MAY CHANGE IN THE FIELD. THE CONTRACTOR IS TO VERIFY THE DIMENSIONS AND LOCATIONS AND REPORT ANY AND ALL DISCREPANCIES TO REPRESENTATIVE. ANY MINOR ERRORS AND OMISSIONS IN THE DRAWINGS AND SPECIFICATIONS DOES NOT EXCUSE THE CONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS.
19. CONTRACTOR IS RESPONSIBLE FOR FIELD MEASUREMENTS TO CONFIRM LENGTHS OF CABLE TRAYS AND ELECTRICAL LINES AND ANTENNA MOUNTING.
20. VERIFICATION THAT EXISTING TOWER/POLE CAN SUPPORT THE PROPOSED ANTENNA, COAX AND ADDITIONAL EQUIPMENT LOADING IS TO BE DONE BY OTHERS.
21. ANTENNA AZIMUTHS SHOWN ON THESE DRAWINGS ARE BASED ON TRUE NORTH. ALL AZIMUTHS MUST BE VERIFIED WITH THE CORRECT SMR PRIOR TO CONSTRUCTION.

LEGEND AND SYMBOLS:

CHAIN LINK FENCE	
CEDAR FENCE	
POWER	
UNDERGROUND POWER	
TELCO	
UNDERGROUND TELCO	
OVERHEAD POWER	
BOUNDARY	
CENTERLINE	
REVISION BUG	
ELEVATION	
DETAIL NUMBER	
SHEET NUMBER	
SECTION BUG	

ABBREVIATIONS:

AFF	ABOVE FINISHED FLOOR	JT	JOINT
AFG	ABOVE FINISHED GRADE	LAM	LAMINATED
AFS	ABOVE FINISHED SLAB	LF	LINEAL FOOT
ALUM	ALUMINUM	MANUF	MANUFACTURER
AB	ANCHOR BOLT	MAX	MAXIMUM
L	ANGLE	MECH	MECHANICAL
ARCH	ARCHITECTURAL	MH	MANHOLE
BTS	BASE TRANSMISSION SYSTEM	MM	MILLIMETER
BLDG	BUILDING	MIN	MINIMUM
BM	BEAM	MISC	MISCELLANEOUS
BOT	BOTTOM	MPH	MILES PER HOUR
B.O.	BOTTOM OF	MTL	METAL
BOC	BOTTOM OF CONCRETE	NIC	NOT IN CONTRACT
BOS	BOTTOM OF STEEL	NOM	NOMINAL
CJ	CONTROL JOINT	NTS	NOT TO SCALE
CL	CENTER LINE	OC	ON CENTER
CLG	CEILING	OD	OUTSIDE DIAMETER
CLR	CLEAR	OH	OVERHEAD
CMU	CONCRETE MASONRY UNIT	OPNG	OPENING
COL	COLUMN	OPP	OPPOSITE
CONC	CONCRETE	PCS	PERSONAL COMMUNICATION
CONST	CONSTRUCTION	SYSTEM	
CONT	CONTINUOUS	PLATE	
CTR	CENTER	PR	PAIR
DIA / Ø	DIAMETER	PSI	POUNDS PER SQUARE INCH
DTL	DETAIL	PSF	POUNDS PER SQUARE FOOT
(E)	EXISTING	PT	PRESSURE TREATED
EA	EACH	RAD	RADIUS
EJ	EXPANSION JOINT	RD	ROOF DRAIN
ELEC	ELECTRIC/ELECTRICAL	REINF	REINFORCED/REINFORCING
EL	ELEVATION	REQ'D	REQUIRED
EQ	EQUAL	RM	ROOM
EW	EACH WAY	RW	RIGHT OF WAY
EXP	EXPANSION	SCHED	SCHEDULE
EXT	EXTERIOR	SECT	SECTION
FD	FLOOR DRAIN	SF	SQUARE FOOT
FIN	FINISH	SIM	SIMILAR
FIN FLR	FINISH FLOOR	SQ FT	SQUARE FOOT
FLR	FLOOR	SS	STAINLESS STEEL
FTG	FOOTING	STD	STANDARD
GA	GAUGE	STL	STEEL
GALV	GALVANIZED	STRUC	STRUCTURAL
GYP	GYPNUM	TEMP	TEMPORARY
GB	GYPNUM BOARD	THK	THICK
HM	HOLLOW METAL	T.O.	TOP OF
HOR	HORIZONTAL	TOS	TOP OF STEEL
HR	HOUR	TOC	TOP OF CONCRETE
HT	HEIGHT	TYP	TYPICAL
HVAC	HEATING VENTILATION AIR	UNO	UNLESS NOTED OTHERWISE
CONDITIONING		VERT	VERTICAL
INSUL	INSULATION	W/	WITH
INT	INTERIOR	WWM	WELDED WIRE MESH



DATE:	8-13-14
DRAWN BY:	JDM
CHECKED BY:	RBH

REV	DATE	DESCRIPTION	BY
1	8-13-14	PRELIMINARY ZONING	RBH
2	2-6-15	FINAL ZONING	RBH
3	3-4-15	PRELIMINARY CONSTRUCTION	RBH
4	4-18-15	REVISED PRELIM. CONSTRUCTION	RBH
5	9-22-15	FINAL CONSTRUCTION	RBH
6	9-25-15	FINAL CONSTRUCTION	RBH

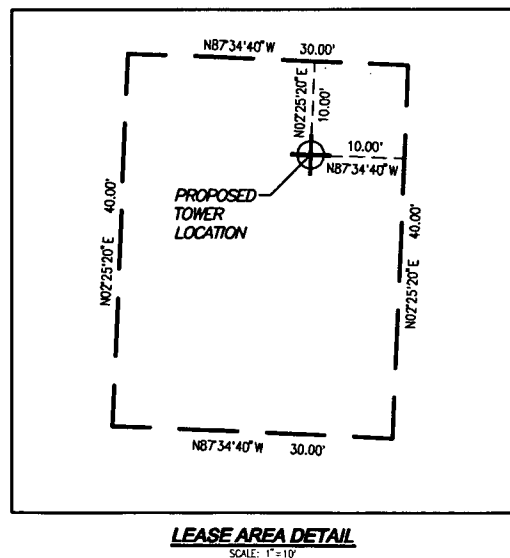
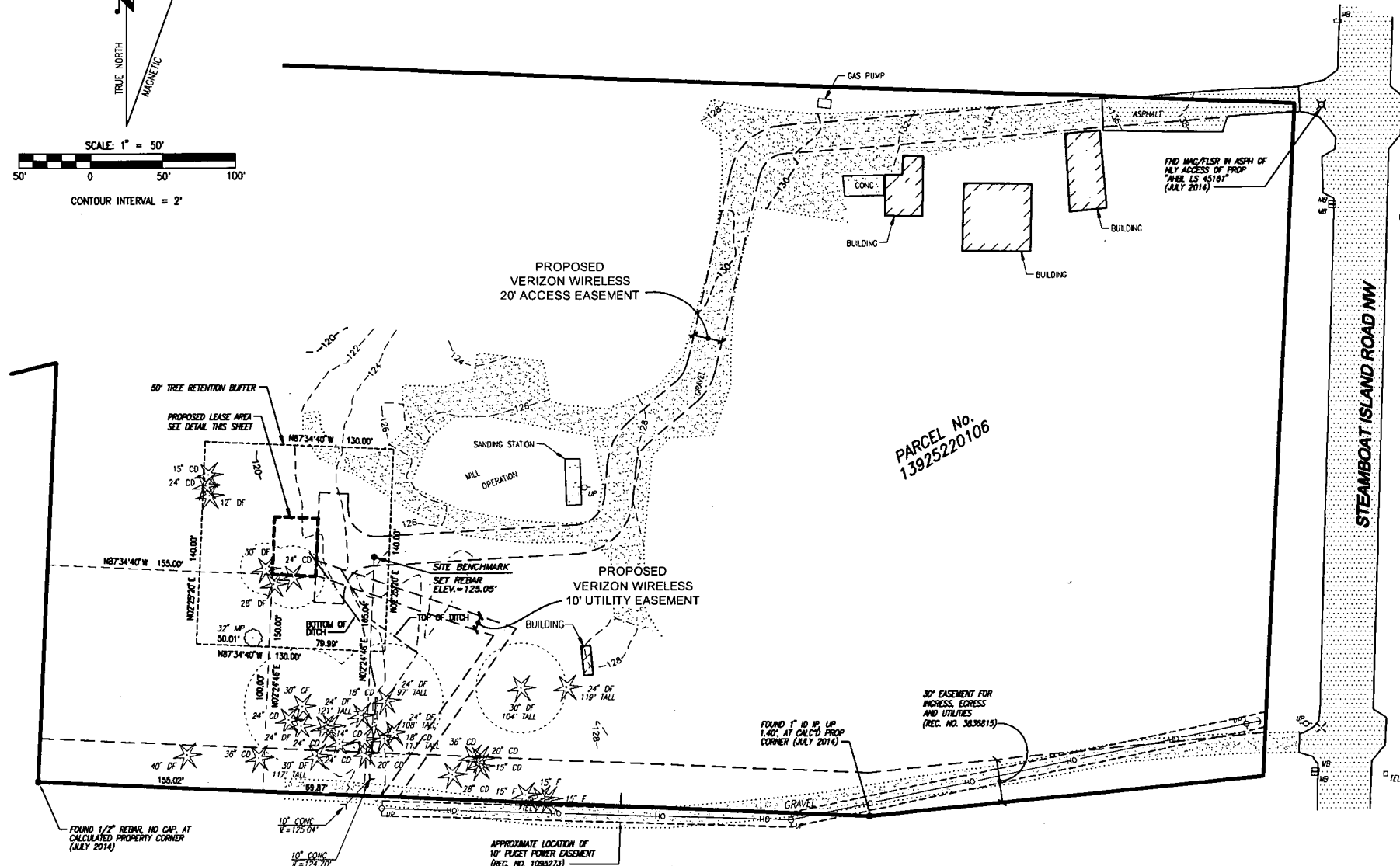
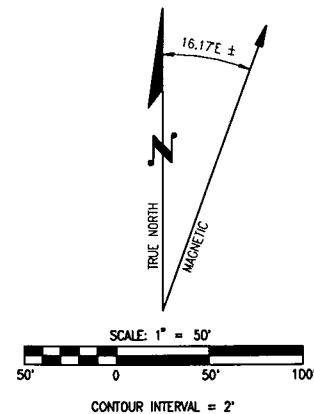


SITE
OLY ELD INLET
5541 STEAMBOAT ISLAND RD NW
OLYMPIA, WA 98502

SHEET TITLE
GENERAL NOTES

SHEET NUMBER
G-1.0

**OLY ELD INLET**  
NW 1/4, NW 1/4, SEC. 25, T 19 N, R 3 W, W.M.  
THURSTON COUNTY, WASHINGTON



**SERVIENT PARCEL DESCRIPTION**

LOT 5 OF LARGE LOT SUBDIVISION NO. LLS-05-107525-TC, AS RECORDED JUNE 2ND, 2006 UNDER AUDITOR'S FILE NOS. 38368814 AND 3836815.

IN THURSTON COUNTY, WASHINGTON

**LEASE AREA DESCRIPTION**

THAT PORTION OF LOT 5 OF LARGE LOT SUBDIVISION NO. LLS-05-107525-TC, AS RECORDED JUNE 2ND, 2006 UNDER AUDITOR'S FILE NOS. 38368814 AND 3836815, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE MOST SOUTHERLY SOUTHWEST CORNER OF SAID LOT 5; THENCE SOUTH 87°35'14" EAST ALONG THE SOUTH LINE THEREOF A DISTANCE OF 155.02 FEET; THENCE NORTH 02°24'45" EAST A DISTANCE OF 150.00 FEET TO THE POINT OF BEGINNING; THENCE NORTH 02°25'20" EAST A DISTANCE OF 40.00 FEET; THENCE SOUTH 87°34'40" EAST A DISTANCE OF 30.00 FEET; THENCE SOUTH 02°25'20" WEST A DISTANCE OF 40.00 FEET; THENCE NORTH 87°34'40" WEST A DISTANCE OF 30.00 FEET TO THE POINT OF BEGINNING.

IN THURSTON COUNTY, WASHINGTON

**TREE RETENTION BUFFER DESCRIPTION**

THAT PORTION OF LOT 5 OF LARGE LOT SUBDIVISION NO. LLS-05-107525-TC, AS RECORDED JUNE 2ND, 2006 UNDER AUDITOR'S FILE NOS. 38368814 AND 3836815, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE MOST SOUTHERLY SOUTHWEST CORNER OF SAID LOT 5; THENCE SOUTH 87°35'14" EAST ALONG THE SOUTH LINE THEREOF A DISTANCE OF 155.02 FEET; THENCE NORTH 02°24'45" EAST A DISTANCE OF 150.00 FEET TO THE POINT OF BEGINNING; THENCE NORTH 02°25'20" EAST A DISTANCE OF 40.00 FEET; THENCE SOUTH 87°34'40" EAST A DISTANCE OF 30.00 FEET; THENCE SOUTH 02°25'20" WEST A DISTANCE OF 40.00 FEET; THENCE NORTH 87°34'40" WEST A DISTANCE OF 30.00 FEET TO THE POINT OF BEGINNING.

EXCEPT THE PORTION OF THE FOLLOWING DESCRIBED PARCEL:

COMMENCING AT THE MOST SOUTHERLY SOUTHWEST CORNER OF SAID LOT 5; THENCE SOUTH 87°35'14" EAST ALONG THE SOUTH LINE THEREOF A DISTANCE OF 155.02 FEET; THENCE NORTH 02°24'45" EAST A DISTANCE OF 150.00 FEET TO THE POINT OF BEGINNING; THENCE NORTH 02°25'20" EAST A DISTANCE OF 40.00 FEET; THENCE SOUTH 87°34'40" EAST A DISTANCE OF 30.00 FEET; THENCE SOUTH 02°25'20" WEST A DISTANCE OF 40.00 FEET; THENCE NORTH 87°34'40" WEST A DISTANCE OF 30.00 FEET TO THE POINT OF BEGINNING.

IN THURSTON COUNTY, WASHINGTON

**ACCESS & UTILITY EASEMENT DESCRIPTION**

TO BE DETERMINED AFTER REVIEW.

**ACCESS & UTILITY EASEMENT DESCRIPTION**

TO BE DETERMINED AFTER REVIEW.

**SURVEYOR'S NOTES**

1. TITLE REPORT ISSUED BY CHICAGO TITLE INSURANCE CO. (GUARANTEE NO. 140003439).
2. LATITUDE AND LONGITUDE TAKEN AT PROPOSED TOWER LOCATION.
3. MAGNETIC NORTH DECLINATION OF APPROXIMATELY 16.17° FOR THE DATE OF 7-28-14, COMPUTED BY USING THE MAGNETIC FIELD CALCULATOR ON THE NOAA NATIONAL GEOPHYSICAL DATA CENTER WEBSITE AND DOES NOT ACCOUNT FOR ANY LOCAL VARIATION OR ANOMALY.

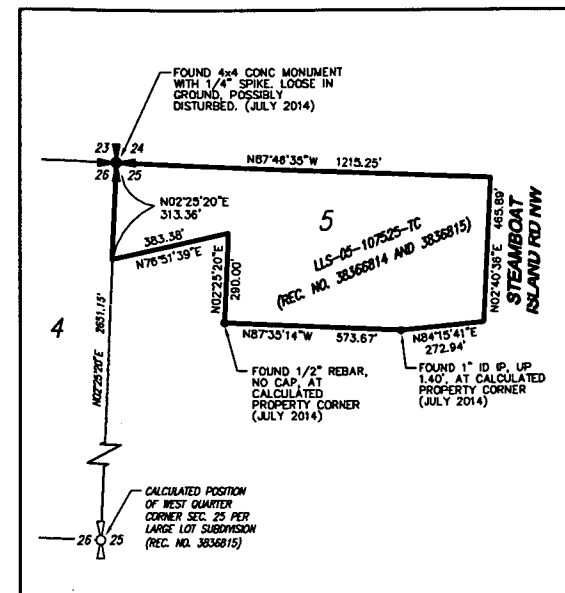
**UTILITY NOTE**

THE LOCATION OF EXISTING UTILITY FACILITIES HAS NOT BEEN RESEARCHED. SURVEYOR DOES NOT GUARANTEE THAT ALL UTILITIES ARE SHOWN OF THEIR LOCATIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND DEVELOPER TO CONTACT THE "ONE-CALL SERVICE" AND ANY OTHER INVOLVED AGENCIES TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION, REMOVAL, RELOCATION AND/OR REPLACEMENT IS THE RESPONSIBILITY OF THE CONTRACTOR. THE SURVEYOR ASSUMES NO RESPONSIBILITY FOR THE BELIEF OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF BURIED OBJECTS WHICH ARE NOT SHOWN ON THE MAP.

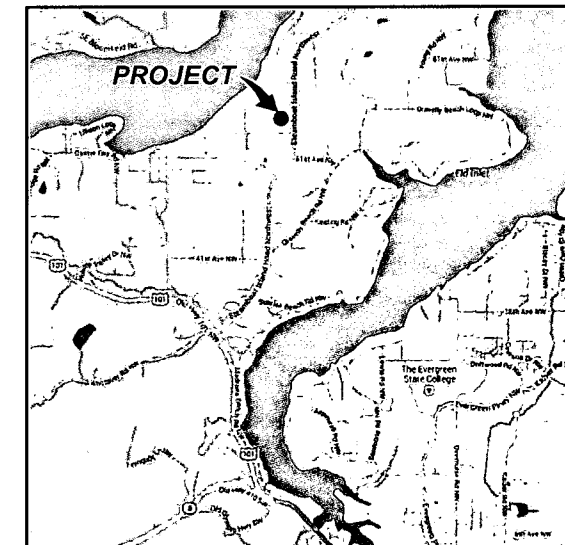
**BOUNDARY DISCLAIMER**

THIS SURVEY HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF PARTIES WHOSE NAMES APPEAR HEREON ONLY, AND DOES NOT EXTEND TO ANY UNNAMED THIRD PARTIES WITHOUT EXPRESS RE-CERTIFICATION BY THE LAND SURVEYOR.

BOUNDARY LINES SHOWN AND CORNERS SET REPRESENT DEED LOCATIONS; OWNERSHIP LINES MAY VARY. NO GUARANTEE OF OWNERSHIP IS EXPRESSED OR IMPLIED.



**CONTROL DIAGRAM**  
SCALE: 1"=50'



**VICINITY MAP**  
NOT TO SCALE

**PROJECT INFORMATION**

**SITE NAME:** OLY ELD INLET  
**SITE ADDRESS:** 5541 STEAMBOAT ISLAND RD NW, OLYMPIA, WASHINGTON 98502  
**OWNERS NAME:** ROBERT A. SKILLMAN  
**OWNERS ADDRESS:** 5541 STEAMBOAT ISLAND RD NW, OLYMPIA, WASHINGTON 98502  
**PARCEL NUMBER(S):** 13925220106  
**PARCEL AREA:** 11.85 AC  
**PROJECT LEASE AREA:** 1,200 SF  
**TOWER COORDINATES:** 47°06'42.69" N (47.111857° N), 123°00'31.41" W (123.008725° W)  
**GROUND ELEVATION:** 125.15' (EDGE OF GRAVEL)  
**SITE BENCHMARK:** REBAR SET, ELEV. = 125.05'  
**VERTICAL DATUM:** NAVD 88 BASED ON GPS OBSERVATION  
**BASIS OF BEARINGS:** WASHINGTON STATE PLANE, SOUTH ZONE, NAD 83

**BASIS OF ELEVATION**

ELEVATION ESTABLISHED FROM GPS DERIVED ORTHOMETRIC HEIGHTS, APPLYING GROUND SEPARATIONS USING WSRN RTK NETWORK SOLUTION. ACCURACY MEETS OR EXCEEDS 1A STANDARDS AS DEFINED ON THE FAA ASAC INFORMATION SHEET 91-003.

**BASIS OF BEARING**

GEODETIC BEARINGS PER GPS OBSERVATION.

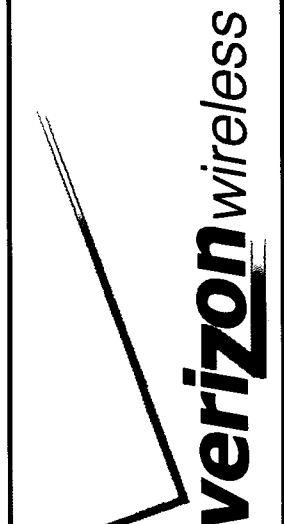
**SURVEY DATE**

JULY 18, 2014

**LEGEND**

- POWER/UTILITY POLE
- JUNCTION BOX
- TELECOM RISER
- WALL BOX
- CONIFEROUS TREE
- DECIDUOUS TREE
- EXISTING BUILDING
- GLY ANCHOR
- SPICOT

LDC JOB: 14-721



**LDC** Commercial Infrastructure Residential Telecom  
THE CIVIL ENGINEERING GROUP  
14201 NE 200th St., #100 Ph. 425.806.1869  
Woodinville, WA 98072 Fx. 425.482.2893  
www.LDCorp.com

DATE:	7-28-14
DRAWN BY:	RMD
CHECKED BY:	VVB

REVISIONS			
REV	DATE	DESCRIPTION	BY



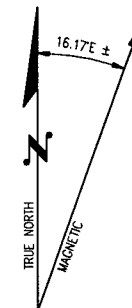
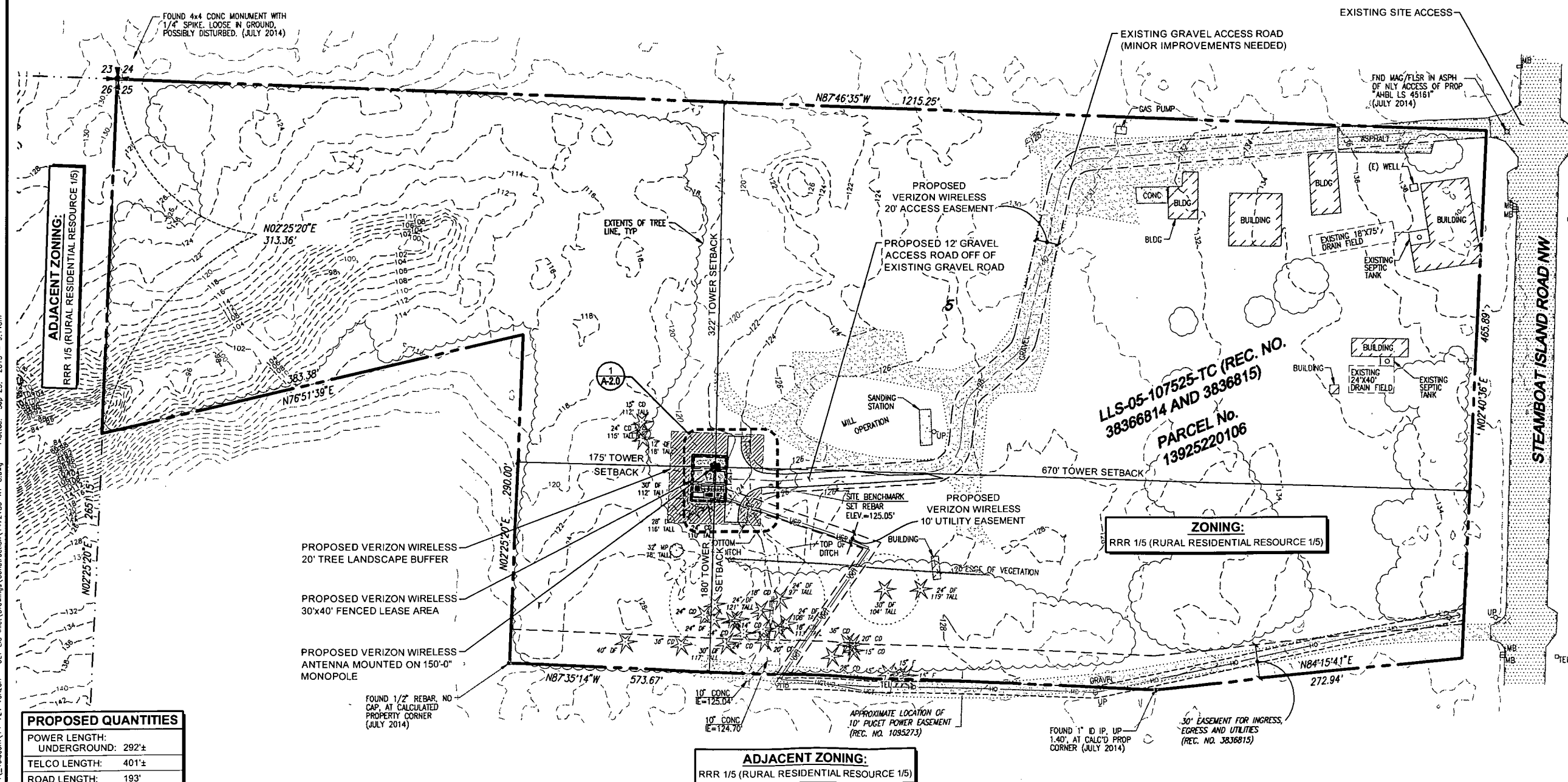
**SITE**  
OLY ELD INLET  
5541 STEAMBOAT ISLAND RD NW  
OLYMPIA, WA 98502

**SHEET TITLE**  
CIVIL SURVEY

**SHEET NUMBER**  
**C-1.0**



**ADJACENT ZONING:**  
RRR 1/5 (RURAL RESIDENTIAL RESOURCE 1/5)

**verizon** *wireless*

**LDC**  
THE CIVIL ENGINEERING GROUP

---

14201 NE 200th St., #100  
Woodinville, WA 98072

---

Ph. 425.806.1869  
F. 425.482.2893

---

[www.LDCcorp.com](http://www.LDCcorp.com)

DATE:	8-13-14
DRAWN BY:	JDM
CHECKED BY:	RBH

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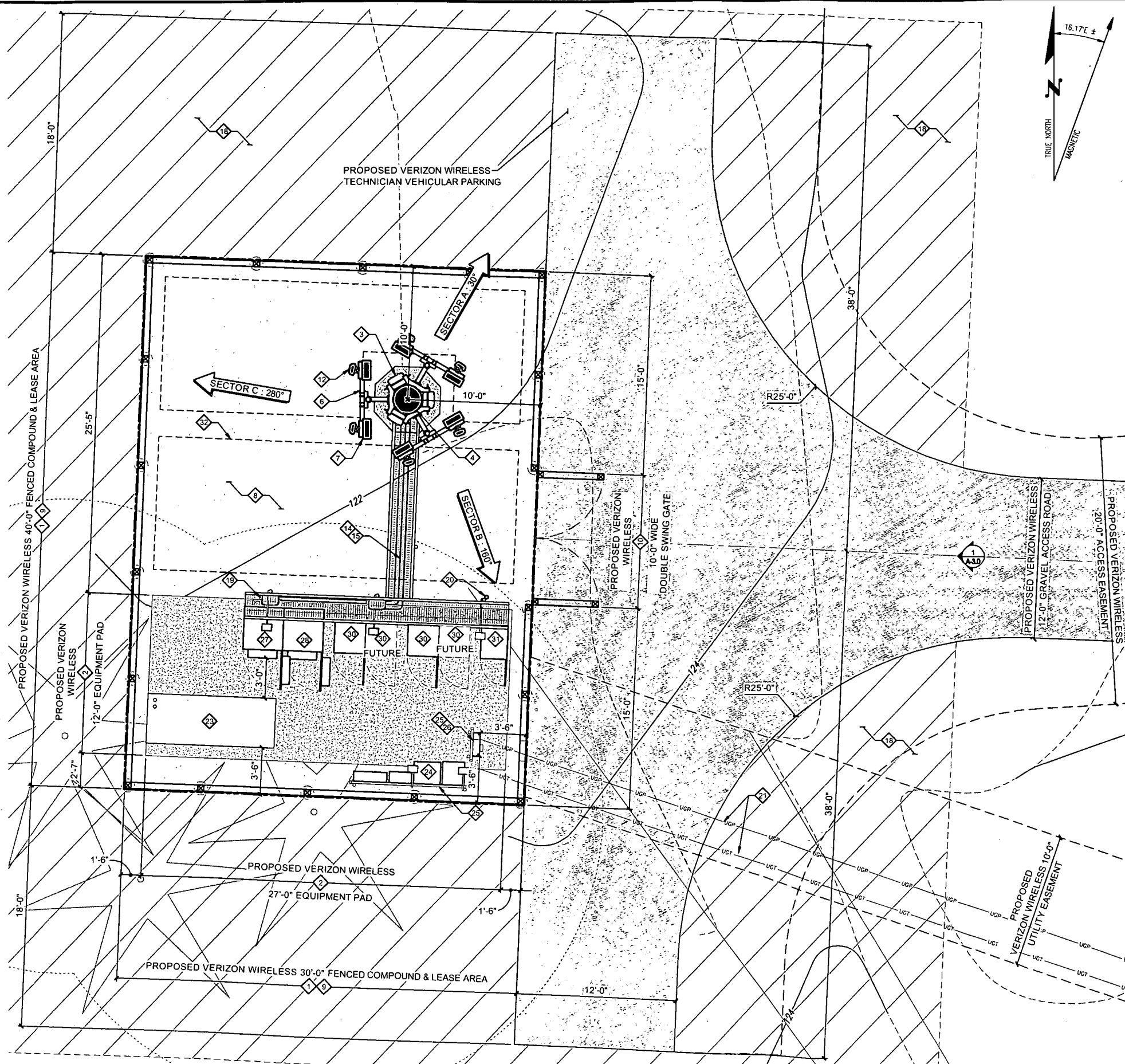
SITE
OLY ELD INLET
5541 STEAMBOAT ISLAND RD NW OLYMPIA, WA 98502

<b>SHEET TITLE</b>
SITE PLAN

**SHEET NUMBER**

**A-1.0**

Drawing: P:\2014\Telcom\14-721 Verizon - QTY Etd.mxd (Drawing) Construction\14721CD-42-0.dwg Plotted: Sep 25, 2015 - 9:11am



## ENLARGED SITE PLAN

22"x34" SCALE: 1/4" = 1'-0" 11"x17" SCALE: 1/8" = 1'-0"

## CONSTRUCTION PLAN KEYED NOTES

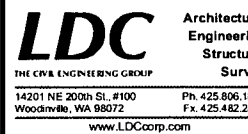
- 1 PROPOSED VERIZON WIRELESS FENCED LEASE AREA (30'x40').
- 2 PROPOSED VERIZON WIRELESS EQUIPMENT CONCRETE PAD (12'-0"x27'-0").
- 3 PROPOSED VERIZON WIRELESS RAYCAP DISTRIBUTION OVP BOX MOUNTED TO TOWER NEAR ANTENNAS (3 TOTAL).
- 4 PROPOSED 150' MONOPOLE PAINTED GREEN, ENGINEERED BY OTHERS. SEE SITE NOTE NO.1.
- 6 PROPOSED VERIZON WIRELESS TRI ANTENNA MOUNT.
- 7 PROPOSED VERIZON WIRELESS RRUS W/ A2 UNIT MOUNTED ON ANTENNA PIPE (TYP 3 PER SECTOR - 9 TOTAL).
- 8 SITE TO BE FILLED WITH 6" OF 3/4" CRUSHED ROCK W/ WEED BARRIER ON 95% COMPACTED FILL.
- 9 PROPOSED VERIZON WIRELESS 6'-0" HIGH UNFINISHED CEDAR FENCE.
- 10 PROPOSED VERIZON WIRELESS 10'-0" WIDE UNFINISHED CEDAR DOUBLE SWING GATE WITH LOCKING MECHANISM. VZW SIGNAGE MOUNTED TO GATE.
- 12 PROPOSED VERIZON WIRELESS PANEL ANTENNA (2 PER SECTOR, 6 TOTAL).
- 14 PROPOSED HYBRID FIBER CABLE TO ANTENNAS (3 TOTAL).
- 15 PROPOSED 10'-0" HIGH PEDESTAL MOUNTED ICE BRIDGE WITH 8'-0" CLEAR BELOW COAX SUPPORT.
- 18 PROPOSED 20' TREE LANDSCAPING BUFFER.
- 19 PROPOSED VERIZON WIRELESS RAYCAP OVP DISTRIBUTION MOUNTED TO PROPOSED ICE BRIDGE LEG NEAR CABINETS (3 TOTAL).
- 20 PROPOSED VERIZON WIRELESS GPS ANTENNA MOUNTED TO ICE BRIDGE LEG.
- 21 PROPOSED UNDERGROUND POWER & FIBER ROUTING.
- 23 PROPOSED VERIZON WIRELESS 30 KW DIESEL GENERATOR MOUNTED ON CONCRETE PAD.
- 24 PROPOSED VERIZON WIRELESS TELCO CABINET.
- 25 PROPOSED UTILITY H-FRAME.
- 26 PROPOSED WP METER/MAIN WITH METER BASE AND DISCONNECT MOUNTED TO PROPOSED UTILITY H-FRAME.
- 27 PROPOSED VERIZON WIRELESS BBU CABINET.
- 28 PROPOSED VERIZON WIRELESS POWER CABINET.
- 30 PROPOSED VERIZON WIRELESS LTE CABINET.
- 31 PROPOSED VERIZON WIRELESS MICROWAVE CABINET.
- 32 FUTURE OTHER CARRIER LEASE AREA - TYPICAL.

## SITE NOTES

1. ANALYSIS OF TOWER & FOUNDATION SHALL BE PERFORMED BY OTHERS & STAMPED BY A LICENSED STRUCTURAL ENGINEER.

## GENERAL NOTES

1. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL AND NATIONAL CODES, REGULATIONS AND SAFETY REGULATIONS. ALL OSHA REGULATIONS, ALL PUBLIC AND MUNICIPAL AUTHORITIES, AND ANY UTILITY COMPANIES REGULATIONS AND DIRECTIVES.
2. THE DRAWINGS AND SPECIFICATIONS ARE A GENERAL DIRECTIVE FOR THE SCOPE OF WORK. EXACT DIMENSIONS AND LOCATIONS MAY CHANGE IN THE FIELD. THE CONTRACTOR IS TO VERIFY THE DIMENSIONS AND LOCATIONS AND REPORT ANY AND ALL DISCREPANCIES TO REPRESENTATIVE. ANY MINOR ERRORS AND OMISSIONS IN THE DRAWINGS AND SPECIFICATIONS DOES NOT EXCUSE THE CONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS.
3. CONTRACTOR IS RESPONSIBLE FOR FIELD MEASUREMENTS TO CONFIRM LENGTHS OF CABLE TRAYS AND ELECTRICAL LINES AND ANTENNA MOUNTING.
4. VERIFICATION THAT PROPOSED TOWER/POLE CAN SUPPORT THE PROPOSED ANTENNA, COAX AND ADDITIONAL EQUIPMENT LOADING IS TO BE DONE BY OTHERS.
5. ANTENNA AZIMUTHS SHOWN ON THESE DRAWINGS ARE BASED ON TRUE NORTH. ALL AZIMUTHS MUST BE VERIFIED WITH THE CORRECT SCF PRIOR TO CONSTRUCTION.



DATE: 8-13-14  
DRAWN BY: JDM  
CHECKED BY: RBH

REVISIONS			
REV	DATE	DESCRIPTION	BY
1	8-13-14	PRELIMINARY ZONING	RBH
2	2-6-15	FINAL ZONING	RBH
3	3-4-15	PRELIMINARY CONSTRUCTION	RBH
4	4-16-15	REVISED PRELIM. CONSTRUCTION	RBH
5	9-22-15	FINAL CONSTRUCTION	RBH
6	9-25-15	FINAL CONSTRUCTION	RBH



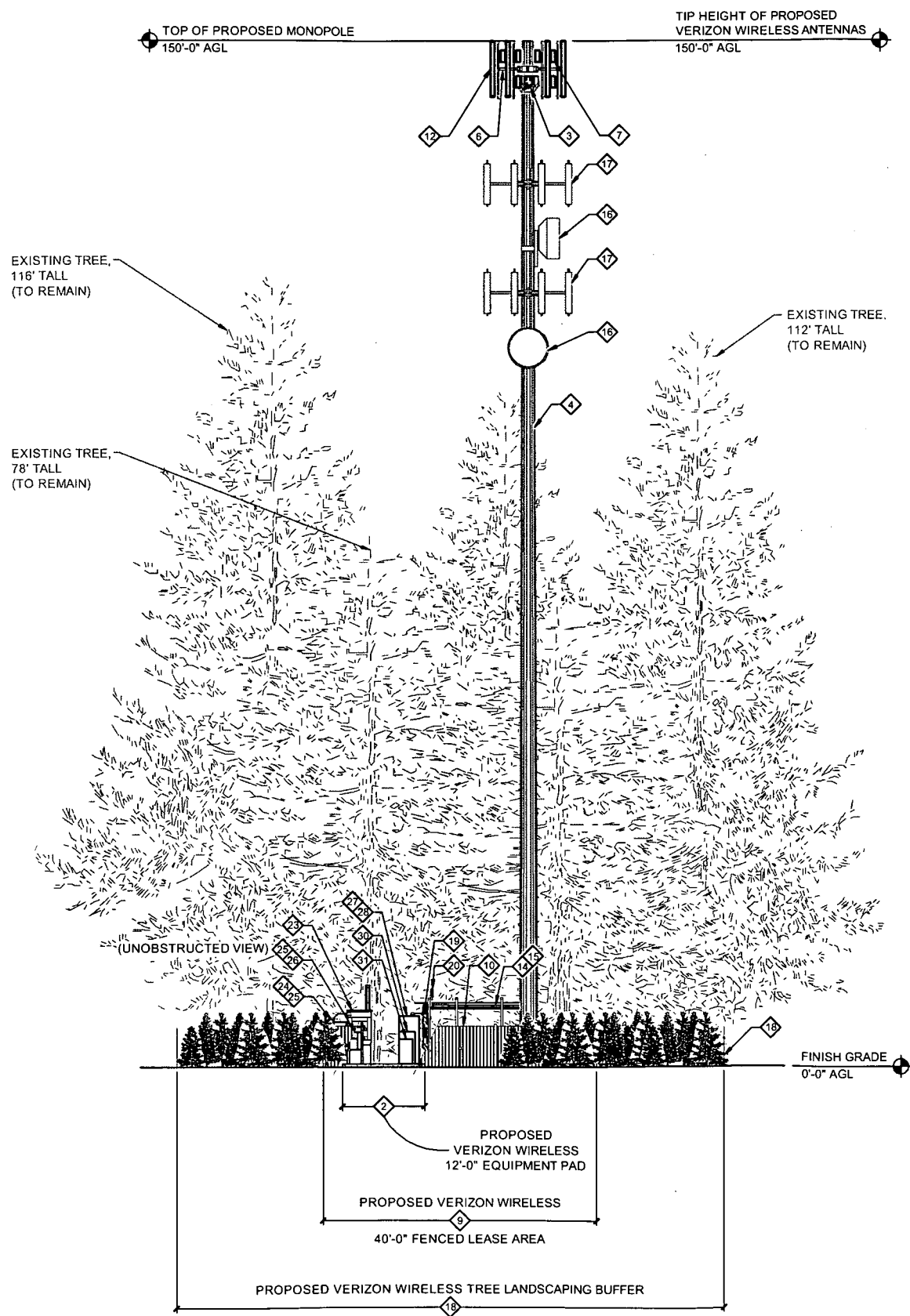
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5541 STEAMBOAT ISLAND RD NW  
OLYMPIA, WA 98502

SHEET TITLE  
ENLARGED SITE PLAN

SHEET NUMBER  
A-2.0



Drawing: P:\2014\Tellico\4-721 Verizon - OLY Eld Inlet\Drawings\Construction\4721CD-A3-0.dwg Plotted: Sep 25, 2015 - 9:12am



PROPOSED EAST ELEVATION (LOOKING WEST)

22"x34" SCALE: 3/32" = 1'-0" 11"x17" SCALE: 3/64" = 1'-0"

### CONSTRUCTION PLAN KEYED NOTES

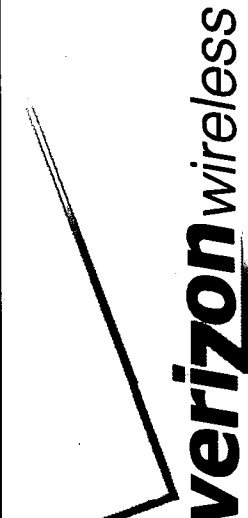
- 2 PROPOSED VERIZON WIRELESS EQUIPMENT CONCRETE PAD (12'-0"x27'-0") (ALL 5-20)
- 3 PROPOSED VERIZON WIRELESS RAYCAP DISTRIBUTION OVP BOX MOUNTED TO TOWER NEAR ANTENNAS (3 TOTAL). (3 A-3)
- 4 PROPOSED 150' MONOPOLE PAINTED GREEN. ENGINEERED BY OTHERS. SEE SITE NOTE NO.1
- 6 PROPOSED VERIZON WIRELESS TRI ANTENNA MOUNT. (4&5 A-3)
- 7 PROPOSED VERIZON WIRELESS RRUS W/ A2 UNIT MOUNTED ON ANTENNA PIPE (TYP 3 PER SECTOR - 9 TOTAL). (1 A-3)
- 9 PROPOSED VERIZON WIRELESS 6'-0" HIGH UNFINISHED CEDAR FENCE. (4 A-1)
- 10 PROPOSED VERIZON WIRELESS 10'-0" WIDE UNFINISHED CEDAR DOUBLE SWING GATE WITH LOCKING MECHANISM. VZW SIGNAGE MOUNTED TO GATE. (4 A-1)
- 12 PROPOSED VERIZON WIRELESS PANEL ANTENNA (2 PER SECTOR, 6 TOTAL). (1&2 A-3) (ALL R-10)
- 14 PROPOSED HYBRID FIBER CABLE TO ANTENNAS (3 TOTAL).
- 15 PROPOSED 10'-0" HIGH PEDESTAL MOUNTED ICE BRIDGE WITH 8'-0" CLEAR (1 A-1)
- 16 FUTURE OTHER CARRIER MICROWAVE.
- 17 FUTURE OTHER CARRIER ANTENNA ARRAY.
- 18 PROPOSED 20' TREE LANDSCAPING BUFFER. (1 E-10)
- 19 PROPOSED VERIZON WIRELESS RAYCAP OVP DISTRIBUTION MOUNTED TO PROPOSED ICE BRIDGE LEG NEAR CABINETS (3 TOTAL). (3 A-3)
- 20 PROPOSED VERIZON WIRELESS GPS ANTENNA MOUNTED TO ICE BRIDGE LEG. (3 A-3)
- 23 PROPOSED VERIZON WIRELESS 30 KW DIESEL GENERATOR MOUNTED ON CONCRETE PAD. (3 A-3) (ALL M-10)
- 24 PROPOSED VERIZON WIRELESS TELCO CABINET. (2 E-1)
- 25 PROPOSED UTILITY H-FRAME. (2&3 A-1) (2&4 E-1)
- 26 PROPOSED WP METER/MAIN WITH METER BASE AND DISCONNECT MOUNTED TO PROPOSED UTILITY H-FRAME. (4 E-1)
- 27 PROPOSED VERIZON WIRELESS BBU CABINET. (5 A-3)
- 28 PROPOSED VERIZON WIRELESS POWER CABINET. (4 A-3)
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**LDC** Architectural  
Engineering  
Structural  
Survey  
THE CIVIL ENGINEERING GROUP  
14201 NE 200th St., #100 Ph: 425.806.1869  
Woodinville, WA 98072 Fx: 425.482.2893  
www.LDCcorp.com

DATE: 8-13-14  
DRAWN BY: JDM  
CHECKED BY: RBH

REVISIONS			
REV	DATE	DESCRIPTION	BY
1	8-13-14	PRELIMINARY ZONING	RBH
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**SHEET TITLE**  
ELEVATION

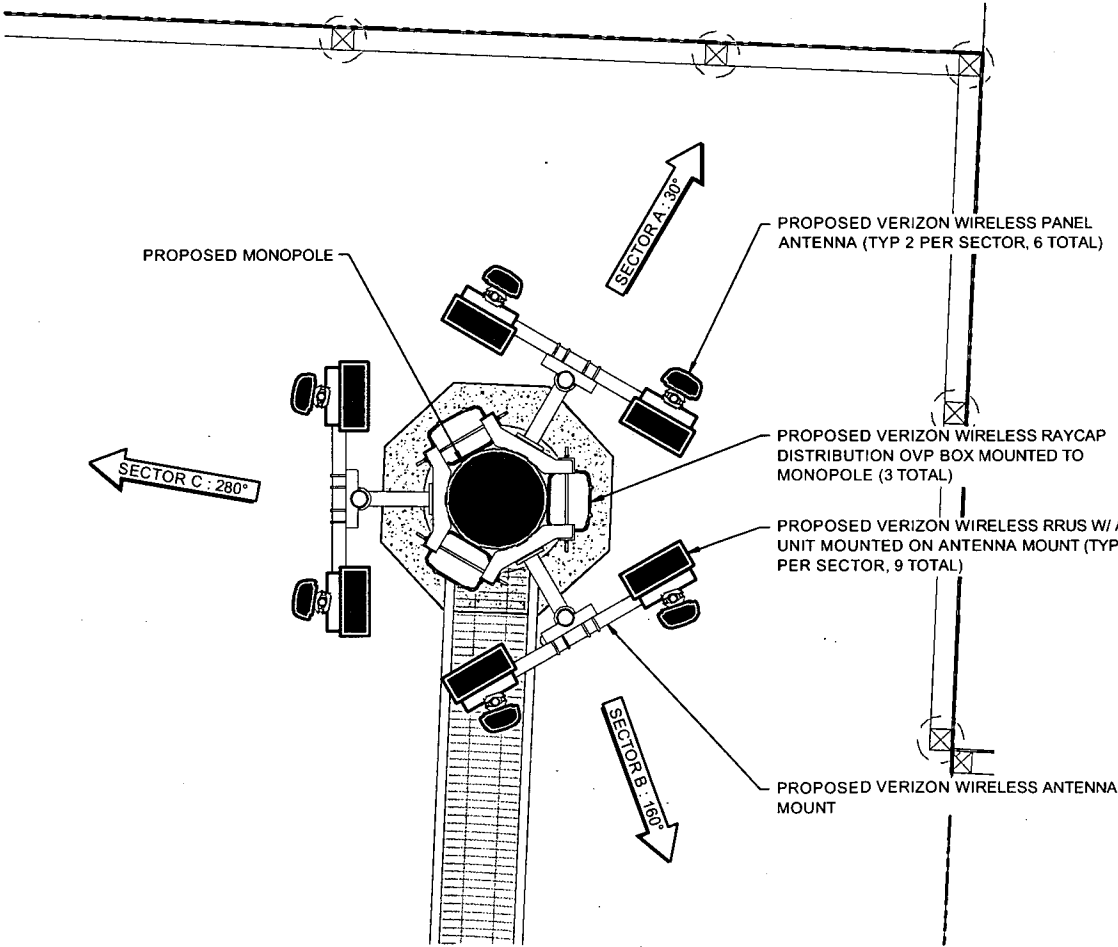
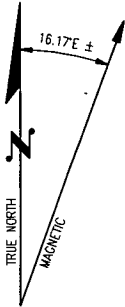
**SHEET NUMBER**  
A-3.0

Drawing: F:\2014\Telecom\14-721 Verizon - OLY Eld Inlet\Drawings\Construction\14721CD-RF1-0.dwg Plotted: Sep 25, 2015 - 8:14am

PROPOSED ANTENNA CONFIGURATION									
SECTOR	ANTENNA QUANTITY	AZIMUTH	TECH	TIP HEIGHT	ANTENNA SIZE	MECH. TILT	COAX PER ANTENNA	COAX Ø	COAX LENGTH
A	1	30°	700/AWS	150'	98.3"	0°	0	HYBRID	
	1	30°	700/PCS	150'	98.3"	0°	1	HYBRID	175'
SECTOR	ANTENNA QUANTITY	AZIMUTH	TECH	TIP HEIGHT	ANTENNA SIZE	MECH. TILT	COAX PER ANTENNA	COAX Ø	COAX LENGTH
B	1	160°	700/AWS	150'	98.3"	0°	0	HYBRID	
	1	160°	700/PCS	150'	98.3"	0°	1	HYBRID	175'
SECTOR	ANTENNA QUANTITY	AZIMUTH	TECH	TIP HEIGHT	ANTENNA SIZE	MECH. TILT	COAX PER ANTENNA	COAX Ø	COAX LENGTH
C	1	280°	700/AWS	150'	98.3"	0°	0	HYBRID	
	1	280°	700/PCS	150'	98.3"	0°	1	HYBRID	175'
TASK SUBMITTED ON: 09/08/15							3 TOTAL	HYBRID	175'

NOTES

1. ADD (3) HYBRID INTEGRATED FIBER AND POWER CABLES TO FEED THE REMOTE RADIO HEADS - EACH HYBRID CABLE IS ABOUT 1.5" IN DIAMETER AND WILL HAVE ENOUGH FIBER AND POWER CABLE INSIDE TO FEED (1) SECTOR.



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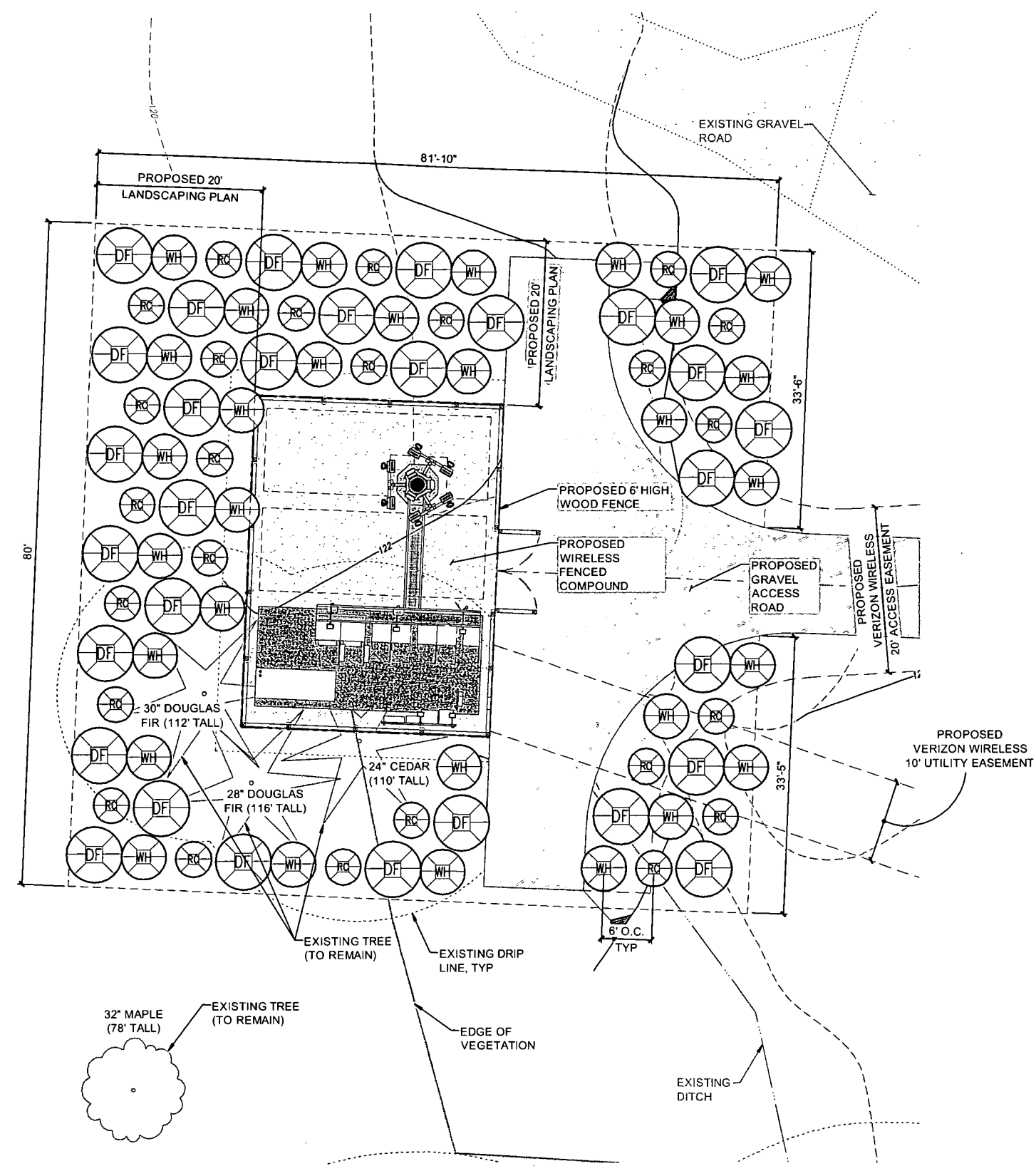
**SHEET TITLE**  
ANTENNA CONFIGURATIONS

**SHEET NUMBER**  
RF-1.0

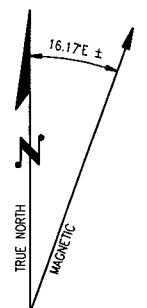
PROPOSED ANTENNA CONFIGURATION

22"x34" SCALE: 1/2" = 1'-0" 11"x17" SCALE: 1/4" = 1'-0"

Drawing: P:\2014\Telecom\14-721 Verizon - QV Eld Inlet\Drawings\Construction\14721CD-L-0.dwg Plotted: Sep 25, 2015 - 9:16am

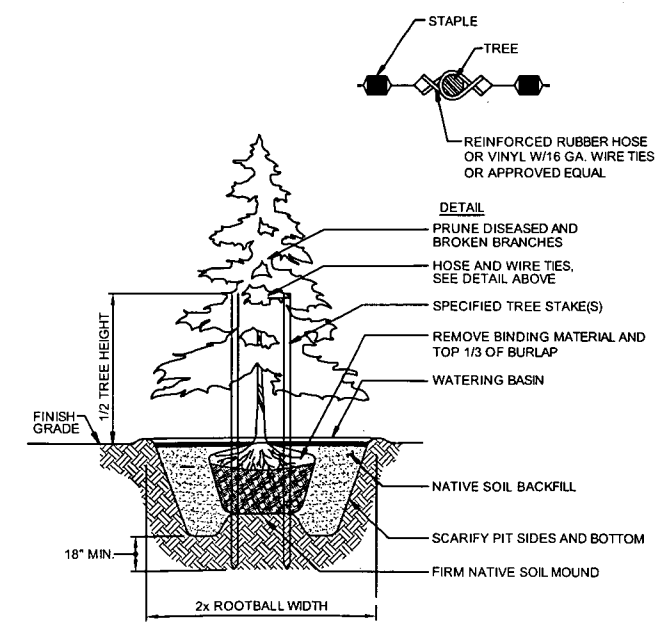


PLANT SCHEDULE						
SYMBOL	BOTANICAL NAME	COMMON NAME	QTY	SIZE	SPACING	REMARKS
TREES						
DF	Pseudotsuga menziesii	Douglas Fir	30	Min. 6' ht	6' o/c	Full and Matching
WH	Tsuga heterophylla	Western Hemlock	30	Min. 6' ht	6' o/c	Full and Matching
RC	Thuja plicata	Western Red Cedar	25	Min. 6' ht	6' o/c	Full and Matching



- LANDSCAPE NOTES**
- CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING THEMSELVES WITH ALL OTHER SITE IMPROVEMENTS AND CONDITIONS PRIOR TO STARTING LANDSCAPE WORK.
  - CONTRACTOR SHALL USE CAUTION WHILE EXCAVATING TO AVOID DISTURBING ANY UTILITIES ENCOUNTERED. CONTRACTOR IS TO PROMPTLY ADVISE OWNER OF ANY DISTURBED UTILITIES. LOCATION SERVICE PHONE 1-800-424-5555
  - CONTRACTOR SHALL MAINTAIN AND WATER ALL PLANT MATERIAL FOR 1 YEAR OR UNTIL FINAL INSPECTION AND ACCEPTANCE BY OWNER.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR COMPUTING SPECIFIC QUANTITIES OF GROUND COVERS AND PLANT MATERIALS UTILIZING ON-CENTER SPACING FOR PLANTS AS STATED ON THE LANDSCAPE PLAN AND MINIMUM PLANTING DISTANCES AS SPECIFIED BELOW IN THESE NOTES.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE QUANTITIES OF PLANTS THAT ARE REPRESENTED BY SYMBOLS ON THE DRAWINGS.
  - SUBGRADE IS TO BE WITHIN 1/10" OF ONE FOOT AS PROVIDED BY OTHERS. ALL PLANTING AREAS TO BE CLEARED OF ALL CONSTRUCTION MATERIAL AND ROCKS AND STICKS LARGER THAN 2" DIAMETER.
  - NEW SHRUB BED AREAS AS SHOWN ON THE PLANS. SHALL RECEIVE A MINIMUM OF 2" ORGANIC MATERIAL.
  - CONTRACTOR TO INSTALL 3" DEPTH FINE BARK MULCH AT BASE OF ALL TREES, SHRUBS, AND GROUND COVER.
  - ALL PLANT MATERIAL SHALL BE FERTILIZED WITH AGRO TRANSPLANT FERTILIZER 4-2-2 PER MANUFACTURERS SPECIFICATIONS.
  - ALL PLANT MATERIAL SHALL CONFORM TO AAN STANDARDS FOR NURSERY STOCK, LATEST EDITION. ANY REPLACEMENTS MADE AT ONCE.  
A. GENERAL: ALL PLANT MATERIAL FURNISHED SHALL BE HEALTHY REPRESENTATIVES, TYPICAL OF THEIR SPECIES OF VARIETY AND SHALL HAVE A NORMAL GROWTH HABIT. THEY SHALL BE FULL, WELL BRANCHED, WELL PROPORTIONED, AND HAVE A VIGOROUS, WELL DEVELOPED ROOT SYSTEM. ALL PLANTS SHALL BE HARDY UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE IN THE LOCALITY OF THE PROJECT.  
B. TREES, SHRUBS, AND GROUND COVER: QUANTITIES, SPECIES, AND VARIETIES, SIZES AND CONDITIONS AS SHOWN ON THE PLANTING PLAN. PLANTS TO BE HEALTHY, VIGOROUS, WELL FOLIATED WHEN IN LEAF. FREE OF DISEASE, INJURY, INSECTS, DECAY, HARMFUL DEFECTS, AND ALL WEEDS. NO SUBSTITUTIONS SHALL MADE WITHOUT WRITTEN APPROVAL FROM LANDSCAPE ARCHITECT OR OWNER.
  - MECHANICALLY REMOVE (WITHOUT CHEMICALS) ALL NON-NATIVE PLANT SPECIES WITHIN TYPE A LANDSCAPE BUFFER AREA.
  - ALL TREES SHALL BE PLANTED IN AT LEAST THREE OFFSETTING ROWS.
  - AT LEAST 75 PERCENT OF SHRUBS SHALL BE OF THE EVERGREEN VARIETY. SHRUBS SHALL BE PLANTED IN A TRIANGULAR OR OFFSET PATTERN.
  - GROUND COVER SHALL BE OF THE EVERGREEN VARIETY AND PLANTED IN A TRIANGULAR OR OFFSET PATTERN.
  - ALL EXISTING NATIVE TREES AND VEGETATION SHALL BE RETAINED UNLESS A REPORT AND CLEARING PLAN FOR REMOVAL AND REPLACEMENT IS PREPARED BY A CERTIFIED ARBORIST AND THE PLAN IS APPROVED BY THE DEPARTMENT.

- IRRIGATION NOTES**
- PLANTS SHALL BE INSTALLED WITH GEL PACKS TO PROVIDE FIRST 60 DAYS OF WATER UNLESS PLANTS ARE INSTALLED DURING WET SEASON AND APPROVAL IS GRANTED BY DESIGNER.
  - HAND WATERING WILL BE PROVIDED BY ATC OPS DURING DRY SEASON AND DRY PERIODS WEEKLY UNTL PLANTS ARE ESTABLISHED (FIRST 2 DRY SEASONS).



NOTE: DO NOT PIERCE TREE ROOTBALL WITH TREE STAKES  
**CONIFEROUS TREE PLANTING & STAKING DETAIL**  
NOT TO SCALE



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8828 REGISTERED  
ARCHITECT  
*Richard B. Hall*  
RICHARD B. HALL  
STATE OF WASHINGTON

**SITE**  
OLY ELD INLET  
5541 STEAMBOAT ISLAND RD NW  
OLYMPIA, WA 98502

**SHEET TITLE**  
LANDSCAPING PLAN  
TREE PRESERVATION AREA

**SHEET NUMBER**  
**L-1.0**