



CITY OF MERCER ISLAND

CITY COUNCIL MEETING AGENDA

Tuesday
October 4, 2016
6:00 PM

Mayor Bruce Bassett
Deputy Mayor Debbie Bertlin
Councilmembers Dan Grausz, Jeff Sanderson,
Wendy Weiker, David Wisenteiner
and Benson Wong

Contact: 206.275.7793, council@mercergov.org
www.mercergov.org/council

All meetings are held in the City Hall Council Chambers at
9611 SE 36th Street, Mercer Island, WA unless otherwise noticed

“Appearances” is the time set aside for members of the public to speak to the City Council about any issues of concern. If you wish to speak, please consider the following points:
(1) speak audibly into the podium microphone, (2) state your name and address for the record, and (3) limit your comments to three minutes.
Please note: the Council does not usually respond to comments during the meeting.

REGULAR MEETING

CALL TO ORDER & ROLL CALL, 6:00 PM

AGENDA APPROVAL

STUDY SESSION

- (1) AB 5201 Fire Sprinkler Requirements for New Residential Construction

APPEARANCES, 7:00 PM

CONSENT CALENDAR

- (2) Payables: \$348,925.53 (09/15/16) & \$617,366.04 (09/22/16)
Payroll: \$757,009.49 (09/16/16)
Minutes: September 19, 2016 Regular Meeting Minutes, September 23, 2016 Special Meeting Minutes, & September 27, 2016 Special Meeting Minutes
AB 5212 2015 Water System Improvements Project Close Out

REGULAR BUSINESS

- (3) AB 5221 2017-2018 Preliminary Budget Presentation & Distribution
- (4) AB 5220 Crown Castle Small Cell Franchise Follow-Up
- (5) AB 5204 2015 Water System Plan Adoption
- (6) AB 5222 I-90 Loss of Mobility Negotiations Status Report

OTHER BUSINESS

Councilmember Absences
Planning Schedule
Board Appointments
Councilmember Reports

ADJOURNMENT



**BUSINESS OF THE CITY COUNCIL
CITY OF MERCER ISLAND, WA**

**AB 5201
October 4, 2016
Study Session**

**FIRE SPRINKLER REQUIREMENTS FOR NEW
RESIDENTIAL CONSTRUCTION**

Proposed Council Action:

Receive presentation and provide direction to staff.

DEPARTMENT OF	Fire (Steve Heitman & Herschel Rostov)
COUNCIL LIAISON	n/a
EXHIBITS	1. Current chapter 17.16 MICC, Automatic Fire-Sprinkler Systems
APPROVED BY CITY MANAGER	

AMOUNT OF EXPENDITURE	\$	n/a
AMOUNT BUDGETED	\$	n/a
APPROPRIATION REQUIRED	\$	n/a

SUMMARY

Background

On June 14, 2004, the Mercer Island City Council approved staff’s recommendation for required automatic sprinkler system installation in all “new buildings”, regardless of use, with a gross floor area greater than 5,000 sq. ft [Ordinance No. 04C-12, which became chapter 17.16 MICC (see Exhibit 1)]. These code amendments also included language addressing townhouses, additions, and substantial alterations.

In 2015, as part of the required Construction Code update process, the International Residential Code (IRC) adopted language making residential sprinkler systems mandatory in all new construction. The State of Washington placed this language in appendix V, which allows each individual jurisdiction to determine whether or not they want to adopt the IRC mandate. It is the Fire Chief’s responsibility to bring forth issues that may potentially increase the safety of citizens. Therefore, the Fire Marshal and Fire Chief recommend requiring residential sprinkler systems for all “new” single-family, two-family, and townhouse construction, including “substantial alterations.” Substantial alterations are those projects where the cost of the project is 50% or greater of the current valuation of the property.

Currently, in addition to the gross area greater than 5,000 sq. ft. requirement, residential sprinkler systems can also be required during a fire plan review, regardless of the square footage, based upon evaluation of three additional features:

1. Fire Flow: Can the available water system support manual firefighting based upon the square footage?
2. Hydrants: Is the closest available hydrant located within the code required distance from the house?
3. Access Roads: Are the fire access roads accessible to where they do not delay fire operations as per the fire code?

Any one of these review features can trigger the requirement for automatic sprinklers to provide equivalent or better fire protection as per the fire code. Unfortunately, due to the current fire sprinkler code, some permit applicants incorrectly assume that the 5,000 sq. ft. rule is the only requirement they need to concern

themselves with to avoid the installation of sprinklers. Often times, plans are submitted that are under 5,000 sq. ft., but are deficient in other IFC requirements. For example, an applicant with deficient fire flow, hydrant distance, or access is often surprised and upset that fire sprinklers will still be required. Sprinkler system installation over the last 5 years has been required in 85% to 92% in new Single Family Residences.

Benefits of Automatic Fire Sprinklers Protection

The adoption of IRC Appendix V would require the installation of a fire sprinkler system within all new dwellings and is optional for each jurisdiction. The benefits of requiring fire sprinkler systems are as follows:

- a) Reduce Residential Fire Fatalities. Data from the National Fire Protection Association (NFPA) shows 85% of all residential fire deaths are in single family residence fires, and residential fire sprinklers cut the risk of dying in a fire by 80%. Apartment buildings are required to have sprinkler systems and there are far fewer fire deaths.
- b) Reduce property damage by containing or extinguishing the fire. Homes are one of a family's largest investments and the loss due to fire has a significant financial impact. Even with insurance coverage, the impact by the loss of personal belongings, irreplaceable items, and memorabilia is significant.
- c) Limit post fire displacement. Most residential fires are suppressed with the activation of only a single sprinkler head. The clean-up is greatly reduced and the need to find other housing is greatly reduced or eliminated. Without a sprinkler system, a family often needs to move from 9 months to a year. This causes disruption with schools, transportation, and work.
- d) Provide insurance premium reduction. Most insurance companies provide an 8% to 12% reduction in premium (NFPA).
- e) Faster fire permit review time. Due to challenging topography, access, and water systems, our review process often involves a lengthy code alternate process in order to ensure "equivalent or better" fire protection. Most code alternate requests on new construction would be eliminated with the installation of Fire Sprinklers in all new residences. Fire review time is expected to be 2 to 3 weeks faster and the reduced workload would allow many permits to be reviewed sooner. Standardized universal requirements reduces plan review time and causes significant reduction in code alternate reviews.
- f) Predictable construction costs from the very beginning. It is very complicated for an architect or builder to predict when a sprinkler system will be required due to access, topography, or fire flow with our current system. Installation in all new homes will provide predictability. The average cost nationwide of residential fire sprinklers in 2013 was \$1.35 sq. ft. On Mercer Island, the typical cost of standard installation for New Single Family residences ranges from \$2.00 - \$2.50 per sq. ft., depending upon the system type, and does not include underground equipment or meter costs (Tracy Moore, Moore Fire).
- g) Less reliance on a large water system and improvement in water quality. Fire Flow and water quality can be competing factors in a water system. Larger pipes required for larger Fire Flow can produce more stagnant water or necessitate that other measures be taken to prevent this. A 4800 sf house requires Fire Flow of 2000 gpm (gallons per minute) without sprinklers but only 1000 gpm with sprinklers.
- h) Response personnel availability. The efficient nature of a sprinkler system means that there is decreased suppression time needed, which leads to expedited investigation, faster clean-up, and shorter out-of-service times for MIFD units.

Costs and Impacts of Automatic Fire Sprinklers

As stated prior, the typical cost of standard installation for a new Single Family residence of a sprinkler system on Mercer Island ranges from \$2.00 - \$2.50 per square foot. The current average construction cost

for a new home on Mercer Island is \$787,940, which results in the cost of sprinkler installation equating on average to about 1.2% of the construction cost (\$9.5k). The costs for sprinklers being required in a “substantial alteration”, which is considered the same as “new” construction, can be significantly more if walls and ceilings are left intact, which is not common. Typically, meter size should not increase for the addition of a standard residential sprinkler system from what is required to supply the residence.

In addition, requiring residential sprinkler systems in all “new” construction will reduce the need for code alternates, which can cause significant delays in the permitting process. A code alternate is an item that is proposed by the homeowner, such as smoke alarms, solid core doors, a yard hydrant, or increased road access, which will be equivalent or better to requirements as required by the International Fire Code.

Stakeholder Involvement

On June 9, 2016 MIFD hosted a forum that included local contractors, sprinkler system installers, the Building Official (Don Cole), and both the Fire Chief and Fire Marshal. The Fire Marshal provided a presentation on the intent of the mandatory residential sprinkler ordinance and then held a question and answer session. The intent of this meeting was to discover the concerns of local contractors if such changes to the current ordinance were implemented. This would then allow staff to address these concerns by crafting an ordinance that was supportive, as best as possible, of all those involved. Unfortunately, only two contractors accepted the invitation, despite the fact that it was sent out to about 300 email addresses, including the Master Builders Association. The Fire Marshal also scheduled a second meeting on June 15 with the same intent and purpose, and once again had low attendance. For those contractors that did attend, cost and how this ordinance would affect the permitting process were by far the two largest concerns. Once staff informed them of the actual costs (as calculated by the sprinkler contractor) and the increased efficiency in the permitting process due to the decreased need of code alternates, the contractors were far more receptive to the concept. To date, MIFD has not received any feedback from the Master Builders Association.

RECOMMENDATION

Fire Chief and Fire Marshall

Receive presentation. Provide direction to staff regarding requiring the installation of automatic fire-sprinkler systems in all new residential construction.

MERCER ISLAND CITY CODE
Chapter 17.16
AUTOMATIC FIRE-SPRINKLER SYSTEMS

Sections:

- [17.16.010](#) Applicability.
- [17.16.020](#) New construction.
- [17.16.030](#) New townhouses.
- [17.16.040](#) Additions and alterations to existing buildings.

17.16.010 Applicability.

For purposes of MICC [17.16.020](#) through [17.16.040](#), “gross floor area” shall be as defined in the International Fire Code (IFC) Section 1002.1, Definitions for FLOOR AREA, GROSS. (Ord. 04C-12 § 4).

17.16.020 New construction.

An automatic fire-sprinkler system shall be installed in all newly constructed buildings, regardless of use, with a gross floor area of 5,000 or greater square feet. (Ord. 04C-12 § 4).

17.16.030 New townhouses.

An automatic fire-sprinkler system shall be installed in all newly constructed zero lot-line townhouses with an aggregate area of connected townhouses of 5,000 or greater square feet. (Ord. 04C-12 § 4).

17.16.040 Additions and alterations to existing buildings.

An approved automatic fire-sprinkler system shall be installed in additions and substantial alterations to existing buildings regardless of use when such addition or substantial alteration plus the existing gross floor area equals 5,000 or greater square feet. For purposes of this section, a “substantial alteration” shall be defined as an alteration that costs 50 percent or more of the current assessed value of the structure.

Exception: Additions of up to 750 square feet of gross floor area to one- and two-family dwellings and Group R-3 and U Occupancies are permitted without compliance with this section. This is a one-time exemption that must be recorded on the title. (Ord. 07C-04 § 13; Ord. 04C-12 § 4).

CERTIFICATION OF CLAIMS

I, the undersigned, do hereby certify under penalty of perjury that the materials have been furnished, the services rendered, or the labor performed as described herein, that any advance payment is due and payable pursuant to a contract or is available as an option for full or partial fulfillment of a contractual obligation, and that the claim is a just, due and unpaid obligation against the City of Mercer Island, and that I am authorized to authenticate and certify to said claim.

Charles L. Corder

Finance Director

I, the undersigned, do hereby certify that the City Council has reviewed the documentation supporting claims paid and approved all checks or warrants issued in payment of claims.

Mayor

Date

<u>Report</u>	<u>Warrants</u>	<u>Date</u>	<u>Amount</u>
Check Register	183216-183330	09/15/16	\$ 348,925.53
			\$ 348,925.53

Accounts Payable Report by Check Number

Check No	Check Date	Vendor Name/Description	PO #	Invoice #	Invoice Date	Check Amount
00183216	09/15/2016	AIRGAS USA LLC Oxygen Charges/Fire	P92208	9054845274	08/26/2016	218.95
00183217	09/15/2016	ALL CITY FENCE CO Installation of hand rail at	P92132	108437	08/31/2016	1,875.74
00183218	09/15/2016	AMERIGAS-KENT 150 GAL PROPANE REFILL INV.	P92101	3055351487	08/27/2016	479.93
00183219	09/15/2016	AXIS SURVEY & MAPPING DESIGN - E MERCER WAY 5400-600	P91353	OH007048	08/30/2016	8,082.50
00183220	09/15/2016	BLUE FLAME HEATING & AC PERMIT REFUND		1607219	09/14/2016	190.40
00183221	09/15/2016	BROOKS, KENNETH 2 CUSTOM BRONZE PLAQUES		OH007038	09/09/2016	323.03
00183222	09/15/2016	BUZZ TURF LLC Gmax testing for South Mercer	P92108	1622	08/24/2016	600.00
00183223	09/15/2016	CAMDEN GARDENS 2016 Aljoia & Aubrey Davis Par	P89438	59438	09/01/2016	410.63
00183224	09/15/2016	CDW GOVERNMENT INC Mounting Equipment for Compute	P91954	DZT3791	08/16/2016	628.47
00183225	09/15/2016	CEDAR GROVE COMPOSTING INC Organic Waste Service - August	P92215	0000298652	08/31/2016	25.50
00183226	09/15/2016	CENTURYLINK PHONE USE SEPT 2016		OH007039	09/01/2016	1,194.49
00183227	09/15/2016	CESSCO INVENTORY PURCHASES	P92096	5632	08/26/2016	1,188.65
00183228	09/15/2016	CLEANERS PLUS 1 Patrol uniform cleaning	P92183	76367	09/01/2016	248.22
00183229	09/15/2016	COASTWIDE LABORATORIES INVENTORY PURCHASES	P92066	W2904949	08/26/2016	455.60
00183230	09/15/2016	COMMERCIAL LANDSC SUPPLY INC INVENTORY PURCHASES	P92068	196255	08/26/2016	148.48
00183231	09/15/2016	CONFIDENTIAL DATA DISPOSAL Shredding	P92141	88349	08/31/2016	143.55
00183232	09/15/2016	CONSOLIDATED PRESS Sept - Dec Looking Ahead Print	P92213	17097	08/29/2016	1,718.56
00183233	09/15/2016	CORK, TAMBI A SUPPLIES AND PARKING FEES		OH007040	09/06/2016	185.81
00183234	09/15/2016	CRIMINAL JUSTICE TRAINING COMM Training Fee - Parr - Intervie	P92118	201126949	08/31/2016	75.00
00183235	09/15/2016	CRYSTAL AND SIERRA SPRINGS 2016 MAINT WATER DELIVERY	P89733	14555831081316	08/13/2016	531.10
00183236	09/15/2016	CULLIGAN Water Service/Fire	P92206	201609672721	08/31/2016	189.08
00183237	09/15/2016	DATAQUEST LLC Background Check P. Lee	P89372	CMIYOUTH201608	08/31/2016	224.00
00183238	09/15/2016	DEPARTMENT OF ECOLOGY 1st HALF OF STORMWATER PERMIT	P92019	2017WAR045528	08/08/2016	7,992.85
00183239	09/15/2016	DKS ASSOCIATES ON CALL ENGINEER	P92078	0061620	08/23/2016	853.85
00183240	09/15/2016	EXCEL SUPPLY COMPANY INVENTORY PURCHASES	P92067	81119	08/26/2016	199.80
00183241	09/15/2016	FELIX, JIM MILEAGE EXPENSE		OH007041	09/07/2016	25.92

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Check No	Check Date	Vendor Name/Description	PO #	Invoice #	Invoice Date	Check Amount
00183242	09/15/2016	FIRE PROTECTION INC SECURITY ALARM MONITORING	P92152	33767	08/19/2016	935.35
00183243	09/15/2016	GAVIGLIO, MIKE MILEAGE EXPENSE		OH007042	09/08/2016	28.08
00183244	09/15/2016	GRAINGER INVENTORY PURCHASES	P92058	9207681603	08/25/2016	802.46
00183245	09/15/2016	GRANGE SUPPLY INC 8' ROUND WOOD POST	P92147	672902	08/31/2016	459.68
00183246	09/15/2016	HANSEN, TIMOTHY P MILEAGE EXPENSE		OH007043	09/09/2016	37.26
00183247	09/15/2016	HDR ENGINEERING INC 2015 WATER SYSTEM PLAN UPDATES	P80918	1200008541	08/25/2016	2,839.11
00183248	09/15/2016	HEDEEN & CADITZ PLLC Professional Services - FS 92	P92156	8239	09/02/2016	7,493.35
00183249	09/15/2016	HEWLETT-PACKARD COMPANY New HP Desktop	P91956	57586207	08/26/2016	907.66
00183250	09/15/2016	HOME DEPOT CREDIT SERVICE INVENTORY PURCHASES	P92202	0097976128126	09/09/2016	1,271.79
00183251	09/15/2016	HONEYWELL, MATTHEW V Professional Services - Invoic	P92145	931	09/06/2016	300.00
00183252	09/15/2016	IMS INFRASTRUCTURE MANGT SRVS MOBILE ASSET DATA COLLECTION F	P92175	131161R	08/15/2016	2,687.34
00183253	09/15/2016	INTERIOR FOLIAGE CO, THE CITY HALL INTERIOR LANDSCAPE	P92227	36290	09/01/2016	271.34
00183254	09/15/2016	INTERNATIONAL CODE COUNCIL 2015 IRC CODE & REDLINE BOOKS	P92190	1000718658	08/18/2016	152.77
00183255	09/15/2016	KING COUNTY FINANCE CUSTOM COMPRESSED MOSAICS FULL	P92151	15A105C	09/01/2016	250.92
00183256	09/15/2016	KPG 2016 ICW RESURFACING PHASE 2 -	P89449	72716	08/12/2016	8,581.86
00183257	09/15/2016	LAKESIDE INDUSTRIES EZ STREET ASPHALT (TONS)	P92137	3263536/3263817	08/24/2016	625.25
00183258	09/15/2016	LEYDE, CASEY MILEAGE EXPENSE		OH007044	09/07/2016	38.88
00183259	09/15/2016	LLOYD ENTERPRISES INC PLAYFIELD SAND (32.05 TONS)	P92138	198012	08/30/2016	748.22
00183260	09/15/2016	MACARTHUR, ALEXANDRA H UNIFORM		OH007045	09/07/2016	104.99
00183261	09/15/2016	MALLORY SAFETY SUPPLY GAS & SENSOR FOR GAS MONITOR	P92125	4118228	07/20/2016	197.10
00183262	09/15/2016	MARENAKOS ROCK CENTER LANDSCAPING ROCK	P92197	1003290IN	09/02/2016	1,604.07
00183263	09/15/2016	MARINE RESTORATION & CONST Luther Burbank swim beach milf	P92131	1962	08/15/2016	2,693.70
00183264	09/15/2016	MERCER ISLAND TOWING Impound-AUA4224	P92184	32332	05/28/2016	196.00
00183265	09/15/2016	METROPRESORT 1200 GREEN NON PAYMENT DOOR TA	P91950	485779	09/06/2016	232.69
00183266	09/15/2016	MI HARDWARE - BLDG MISC. HARDWARE FOR THE MONTH O	P92167	OH007052	08/31/2016	99.48
00183267	09/15/2016	MI HARDWARE - FIRE Station Supplies	P92205	OH007055	08/31/2016	30.94

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Check No	Check Date	Vendor Name/Description	PO #	Invoice #	Invoice Date	Check Amount
00183268	09/15/2016	MI HARDWARE - MAINT MISC. HARDWARE FOR THE MONTH O	P92168	OH007051	08/31/2016	144.08
00183269	09/15/2016	MI HARDWARE - P&R Door stop for MICEC	P92127	OH007049	08/31/2016	17.91
00183270	09/15/2016	MI HARDWARE - POLICE Various small tools and hardwa	P92142	OH007050	08/31/2016	189.57
00183271	09/15/2016	MI HARDWARE - UTILITY MISC. HARDWARE FOR THE MONTH O	P92166	OH007053	08/31/2016	54.72
00183272	09/15/2016	MI SCHOOL DISTRICT #400 Transportation services for Sa	P92192	OH007056	09/08/2016	243.50
00183273	09/15/2016	MI UTILITY BILLS PAYMENT OF UTILITY BILLS FOR W	P92126	OH007054	08/31/2016	105,876.73
00183274	09/15/2016	MI YOUTH SOCCER Contract 22730 completed. Depo	P92187	22730	09/08/2016	50.00
00183275	09/15/2016	MICHAEL SKAGGS ASSOCIATES JANITORIAL SERVICE AUG 2016	P92199	16456	08/31/2016	10,537.59
00183276	09/15/2016	MIRACLE ISLAND PLLC Instruction services for Wushu	P92103	16084	09/06/2016	646.75
00183277	09/15/2016	MOBERLY AND ROBERTS Professional Services - Invoic	P92146	625	09/01/2016	6,000.00
00183278	09/15/2016	MUNICIPAL EMERGENCY SERVICES Ballistic Vests (To Be Reimbur	P91238	IN1056116	08/16/2016	6,399.53
00183279	09/15/2016	NETWORK COMPUTING ARCHITECTS Annual Support Agreement for	P92049	49429	08/30/2016	5,957.92
00183280	09/15/2016	NEXTREQUEST CO PRR Software Annual Subscripti	P92064	1046	08/29/2016	7,375.00
00183281	09/15/2016	OLSON, JOHN R Pro tem judge	P92173	OH007058	09/08/2016	250.00
00183282	09/15/2016	OLYMPIC CASCADE AQUATICS Camper swim fees	P92130	16851	09/01/2016	558.00
00183283	09/15/2016	PACIFIC AIR CONTROL INC CHILLER MAINT CCMV	P92180	188797	08/31/2016	8,903.45
00183284	09/15/2016	PACIFIC MODULAR REMOVE COFFEE STAIN UPSTAIRS T	P92155	2521	08/24/2016	225.00
00183285	09/15/2016	PACIFIC NW NAGINATA FEDERATION Instruction services for Nagin	P92107	16074	09/06/2016	571.20
00183286	09/15/2016	PAULETTO, MAUDE Instruction services for Yoga	P92128	16137/16136	09/07/2016	1,030.17
00183287	09/15/2016	PITNEY BOWES 3RD QUARTER EQUIPMENT LEASE CH	P92196	3301341269	08/31/2016	1,071.00
00183288	09/15/2016	POLHEMUS, GRANT PARKING FEE		OH007046	09/12/2016	10.00
00183289	09/15/2016	PORT SUPPLY Marine Patrol Supplies	P92116	2169	08/27/2016	75.77
00183290	09/15/2016	PREMIER CABLING LLC CABLING	P92176	1417	08/16/2016	760.31
00183291	09/15/2016	PROFORCE LAW ENFORCEMENT Less lethal supplies	P92136	283379	08/17/2016	2,161.56
00183292	09/15/2016	PUGET SOUND ENERGY ENERGY USE SEPT 2016		OH007047	09/06/2016	3,574.50
00183293	09/15/2016	QUENCH USA INC Quarterly billing for Quench w	P89979	200530735	09/01/2016	236.52

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00183294	09/15/2016	RELX INC DBA LEXISNEXIS Library Subscriptions - Invoic	P92110	3090637638	08/31/2016	300.88
00183295	09/15/2016	RICOH USA INC Cost Per Copy/Fire	P92079	5044145927	08/25/2016	174.25
00183296	09/15/2016	ROSENSTEIN, SUSIE Instruction services for Enhan	P92193	16211/13/15/16	09/08/2016	360.00
00183297	09/15/2016	ROTO ROOTER SERVICE CO Station 92 Plumbing Issue	P92085	21719169228	08/19/2016	461.00
00183298	09/15/2016	SAIL SAND POINT Instruction services for Saili	P92104	16064	09/06/2016	2,035.80
00183299	09/15/2016	SEATTLE PUBLIC UTILITIES June 2016 SPU Retail Service	P92171	JULY2016	09/08/2016	21,336.00
00183300	09/15/2016	SIGNATURE LANDSCAPE SERVICES 2016 Landscape maintenance ser	P91782	RC000009633	08/01/2016	219.00
00183301	09/15/2016	SITEONE LANDSCAPE SUPPLY LLC WHITE FIELD PAINT (BULK)	P92055	77318610	08/24/2016	532.83
00183302	09/15/2016	SKYLINE COMMUNICATIONS INC EOC INTERNET SERVICE	P92150	IN42223	09/01/2016	192.55
00183303	09/15/2016	SOFTRESOURCES PROJ MGMT	P92159	3391	09/02/2016	35,409.44
00183304	09/15/2016	SOP COOPERATIVE SOP MANAGEMENT AND FACILITATIO	P92122	OH007059	08/25/2016	1,800.00
00183305	09/15/2016	SOUND SAFETY PRODUCTS MISC. WORK CLOTHES	P92093	341783	08/16/2016	239.59
00183306	09/15/2016	SPRINGFREE TRAMPOLINE USA INC Refunding \$300.00 for SC! boot	P92188	OH007060	09/08/2016	300.00
00183307	09/15/2016	STERICYCLE INC On-Call Charges	P92207	3003553371	08/31/2016	10.36
00183308	09/15/2016	T2 SYSTEMS CANADA INC Printer paper	P92129	INV000003548	08/25/2016	59.71
00183309	09/15/2016	TACOMA SCREW PRODUCTS INC 5/16" X 2" GALV. LAG SCREWS (2	P92053	30806592	08/29/2016	55.13
00183310	09/15/2016	THYSSENKRUPP ELEVATOR CORP ELEVATOR MAINT FS91	P92191	3002735360	09/01/2016	2,721.02
00183311	09/15/2016	TRAFFIC SAFETY SUPPLY SCHOOL STREET SIGNS	P92111	117560	08/24/2016	1,701.47
00183312	09/15/2016	TREKWORKS PERMIT REFUND		PRE16038	09/09/2016	236.90
00183313	09/15/2016	TRU MECHANICAL INC REPLACE FLOW SWITCH CHILLER	P92163	4306	08/25/2016	5,026.58
00183314	09/15/2016	UNDERWATER SPORTS INC. Tank hydro tests and air	P92185	20012183A	09/04/2016	372.19
00183315	09/15/2016	UNISOFT NETWORKS INC CARcserve renewal.	P90986	N99270	06/03/2016	1,389.30
00183316	09/15/2016	UNITED SITE SERVICES 2016 Portable Toilet Rentals a	P89258	1144382580/2/4	08/25/2016	565.45
00183317	09/15/2016	VERIZON WIRELESS VZ Billing - P. Bissonnette	P92211	9770838391	08/23/2016	642.92
00183318	09/15/2016	VERIZON WIRELESS Monthly expense for mobile	P92119	9770838389	08/23/2016	2,632.08
00183319	09/15/2016	VIBRANT PLANTS INC MISC. TREES	P92165	4068642	08/31/2016	203.41

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Check No	Check Date	Vendor Name/Description	PO #	Invoice #	Invoice Date	Check Amount
00183320	09/15/2016	WA ST TREASURER'S OFFICE AUG16 Remit MI Court Transmitt	P92162	AUGUST 2016	08/31/2016	27,231.24
00183321	09/15/2016	WA ST TREASURER'S OFFICE AUG16 Remit NC Court Transmitt	P92161	AUGUST2016B	08/31/2016	3,190.96
00183322	09/15/2016	WABO JOB POSTING - PLANS EXAMINER	P92056	32776	08/29/2016	50.00
00183323	09/15/2016	WASHINGTON2 ADVOCATES LLC August 2016 I-90 Loss of Mobil	P92074	5581	08/31/2016	10,000.00
00183324	09/15/2016	WCIA M. Swan Notary Bond	P92075	101394	08/30/2016	40.00
00183325	09/15/2016	WEST COAST SIGNAL INC ON CALL CONTRACT FOR STREETLIG	P85970	1834	08/10/2016	1,031.08
00183326	09/15/2016	WIMACTEL INC POLICE LOBBY PAY PHONE	P92148	000154346	08/01/2016	60.23
00183327	09/15/2016	X5 OPCO LLC MONTHLY LONG DISTANCE JAN-DEC	P89271	OH007061	08/31/2016	241.36
00183328	09/15/2016	XEROX CORPORATION Copier costs July	P92070	085681690	08/01/2016	148.31
00183329	09/15/2016	XEROX CORPORATION PRINTER SUPPLIES		230037811	09/01/2016	699.02
00183330	09/15/2016	YouthLight INC Counselor office - reading, gr	P92057	6808	08/30/2016	534.29
					Total	<u>346,925.53</u>

Accounts Payable Report by GL Key

PO #	Check #	Vendor:	Transaction Description	Check Amount
<i>Org Key: 001000 - General Fund-Admin Key</i>				
P92162	00183320	WA ST TREASURER'S OFFICE	AUG16 Remit MI Court Transmitt	11,210.14
P92162	00183320	WA ST TREASURER'S OFFICE	AUG16 Remit MI Court Transmitt	6,143.83
P92162	00183320	WA ST TREASURER'S OFFICE	AUG16 Remit MI Court Transmitt	5,354.34
P92162	00183320	WA ST TREASURER'S OFFICE	AUG16 Remit MI Court Transmitt	1,932.06
P92161	00183321	WA ST TREASURER'S OFFICE	AUG16 Remit NC Court Transmitt	1,255.89
P92162	00183320	WA ST TREASURER'S OFFICE	AUG16 Remit MI Court Transmitt	964.96
P92161	00183321	WA ST TREASURER'S OFFICE	AUG16 Remit NC Court Transmitt	761.02
P92161	00183321	WA ST TREASURER'S OFFICE	AUG16 Remit NC Court Transmitt	603.39
P92162	00183320	WA ST TREASURER'S OFFICE	AUG16 Remit MI Court Transmitt	548.50
P92162	00183320	WA ST TREASURER'S OFFICE	AUG16 Remit MI Court Transmitt	369.00
P92162	00183320	WA ST TREASURER'S OFFICE	AUG16 Remit MI Court Transmitt	363.59
P92188	00183306	SPRINGFREE TRAMPOLINE USA INC	Refunding \$300.00 for SC! boot	300.00
P92161	00183321	WA ST TREASURER'S OFFICE	AUG16 Remit NC Court Transmitt	261.92
P92162	00183320	WA ST TREASURER'S OFFICE	AUG16 Remit MI Court Transmitt	147.13
P92161	00183321	WA ST TREASURER'S OFFICE	AUG16 Remit NC Court Transmitt	132.30
P92162	00183320	WA ST TREASURER'S OFFICE	AUG16 Remit MI Court Transmitt	130.56
P92161	00183321	WA ST TREASURER'S OFFICE	AUG16 Remit NC Court Transmitt	52.01
P92161	00183321	WA ST TREASURER'S OFFICE	AUG16 Remit NC Court Transmitt	52.00
P92187	00183274	MI YOUTH SOCCER	Contract 22730 completed. Depo	50.00
P92161	00183321	WA ST TREASURER'S OFFICE	AUG16 Remit NC Court Transmitt	42.29
P92162	00183320	WA ST TREASURER'S OFFICE	AUG16 Remit MI Court Transmitt	41.18
P92161	00183321	WA ST TREASURER'S OFFICE	AUG16 Remit NC Court Transmitt	30.14
P92162	00183320	WA ST TREASURER'S OFFICE	AUG16 Remit MI Court Transmitt	25.95
<i>Org Key: 345000 - Technology-Admin Key</i>				
	00183312	TREKWORKS	PERMIT REFUND	6.90
<i>Org Key: 402000 - Water Fund-Admin Key</i>				
P92171	00183299	SEATTLE PUBLIC UTILITIES	July 2016 Retail Service Conne	13,912.00
P92170	00183299	SEATTLE PUBLIC UTILITIES	June 2016 SPU Retail Service	7,424.00
P92088	00183244	GRAINGER	INVENTORY PURCHASES	511.67
P92066	00183229	COASTWIDE LABORATORIES	INVENTORY PURCHASES	455.60
P92186	00183250	HOME DEPOT CREDIT SERVICE	INVENTORY PURCHASES	355.27
P92139	00183244	GRAINGER	INVENTORY PURCHASES	237.50
P92097	00183227	CESSCO	INVENTORY PURCHASES	231.07
P92067	00183240	EXCEL SUPPLY COMPANY	INVENTORY PURCHASES	199.80
P92068	00183230	COMMERCIAL LANDSC SUPPLY INC	INVENTORY PURCHASES	148.48
<i>Org Key: CA1100 - Administration (CA)</i>				
P92110	00183294	RELX INC DBA LEXISNEXIS	Library Subscriptions - Invoic	300.88
P92075	00183324	WCIA	M. Swan Notary Bond	40.00
	00183329	XEROX CORPORATION	PRINTER SUPPLIES	38.49
<i>Org Key: CA1200 - Prosecution & Criminal Mngmnt</i>				
P92146	00183277	MOBERLY AND ROBERTS	Professional Services - Invoic	6,000.00
P92145	00183251	HONEYWELL, MATTHEW V	Professional Services - Invoic	300.00
<i>Org Key: CM1100 - Administration (CM)</i>				
P92143	00183317	VERIZON WIRELESS	VZ Billing - P. Bissonnette	74.97
<i>Org Key: CM11SP - Special Projects-City Mgr</i>				

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PO #	Check #	Vendor:	Transaction Description	Check Amount
P92074	00183323	WASHINGTON2 ADVOCATES LLC	August 2016 I-90 Loss of Mobil	10,000.00
<i>Org Key: CM1300 - Sustainability</i>				
P92215	00183225	CEDAR GROVE COMPOSTING INC	Organic Waste Service - August	25.50
<i>Org Key: CR1100 - CORe Admin and Human Resources</i>				
P92143	00183317	VERIZON WIRELESS	VZ Billing - K. Segle	40.01
	00183329	XEROX CORPORATION	PRINTER SUPPLIES	11.93
<i>Org Key: CT1100 - Municipal Court</i>				
P92173	00183281	OLSON, JOHN R	Pro tem judge	250.00
P92070	00183328	XEROX CORPORATION	Copier costs July	148.31
P92144	00183237	DATAQUEST LLC	Background Check P. Lee	21.50
P92144	00183237	DATAQUEST LLC	Background Check M. Surkan	21.50
<i>Org Key: DS0000 - Development Services-Revenue</i>				
	00183312	TREKWORKS	PERMIT REFUND	230.00
	00183220	BLUE FLAME HEATING & AC	PERMIT REFUND	95.20
	00183220	BLUE FLAME HEATING & AC	PERMIT REFUND	95.20
<i>Org Key: DS1100 - Administration (DS)</i>				
P92211	00183317	VERIZON WIRELESS	CELL & DATA CHARGES 7/24-8/23/	309.18
P91905	00183224	CDW GOVERNMENT INC	Mounting Equipment for Compute	307.20
P92211	00183317	VERIZON WIRELESS	MOBILE HOT SPOTS	218.76
	00183329	XEROX CORPORATION	PRINTER SUPPLIES	38.51
<i>Org Key: DS1200 - Bldg Plan Review & Inspection</i>				
P92190	00183254	INTERNATIONAL CODE COUNCIL	2015 IRC CODE & REDLINE BOOKS	152.77
P92056	00183322	WABO	JOB POSTING - PLANS EXAMINER	50.00
P92144	00183237	DATAQUEST LLC	Background Check V. Tihova	43.50
<i>Org Key: DS1400 - Development Engineering</i>				
P92078	00183239	DKS ASSOCIATES	ON CALL ENGINEER	853.85
<i>Org Key: FN1100 - Administration (FN)</i>				
P91950	00183265	METROPRESORT	1200 GREEN NON PAYMENT DOOR TA	232.69
	00183329	XEROX CORPORATION	PRINTER SUPPLIES	23.89
<i>Org Key: FR1100 - Administration (FR)</i>				
P92085	00183297	ROTO ROOTER SERVICE CO	Station 92 Plumbing Issue	461.00
P92206	00183236	CULLIGAN	Water Service/Fire	189.08
P92079	00183295	RICOH USA INC	Cost Per Copy/Fire	174.25
	00183226	CENTURYLINK	PHONE USE SEPT 2016	167.48
	00183329	XEROX CORPORATION	PRINTER SUPPLIES	50.43
P92205	00183267	MI HARDWARE - FIRE	Station Supplies	30.94
<i>Org Key: FR2100 - Fire Operations</i>				
P91238	00183278	MUNICIPAL EMERGENCY SERVICES	Ballistic Vests (To Be Reimbur	6,399.53
<i>Org Key: FR2500 - Fire Emergency Medical Svcs</i>				
P92208	00183216	AIRGAS USA LLC	Oxygen Charges/Fire	218.95
P92207	00183307	STERICYCLE INC	On-Call Charges	10.36
<i>Org Key: GGM001 - General Government-Misc</i>				
P92064	00183280	NEXTREQUEST CO	PRR Software Annual Subscripti	6,250.00

Accounts Payable Report by GL Key

PO #	Check #	Vendor:	Transaction Description	Check Amount
P92064	00183280	NEXTREQUEST CO	PRR Software Setup Fee	1,000.00
P92064	00183280	NEXTREQUEST CO	PRR Software Redaction Module	625.00
P92064	00183280	NEXTREQUEST CO	PRR Software Custom Domain	500.00
P92064	00183280	NEXTREQUEST CO	PRR Software Discount	-1,000.00
<i>Org Key: GGM004 - Gen Govt-Office Support</i>				
P92196	00183287	PITNEY BOWES	3RD QUARTER EQUIPMENT LEASE CH	1,071.00
	00183329	XEROX CORPORATION	PRINTER SUPPLIES	50.45
<i>Org Key: IS2100 - IGS Network Administration</i>				
P92049	00183279	NETWORK COMPUTING ARCHITECTS	Annual Support Agreement for	5,957.92
P90986	00183315	UNISOFT NETWORKS INC	CARcserve renewal.	1,389.30
	00183226	CENTURYLINK	PHONE USE SEPT 2016	489.47
P89271	00183327	X5 OPCO LLC	MONTHLY LONG DISTANCE JAN-DEC	241.36
P92149	00183318	VERIZON WIRELESS	IGS WIFI, IGS GIS, LOANER, IGS	160.04
P92148	00183326	WIMACTEL INC	POLICE LOBBY PAY PHONE	60.23
	00183329	XEROX CORPORATION	PRINTER SUPPLIES	11.92
<i>Org Key: MT2100 - Roadway Maintenance</i>				
	00183292	PUGET SOUND ENERGY	ENERGY USE SEPT 2016	3,574.50
P92175	00183252	IMS INFRASTRUCTURE MANGT SRVS	MOBILE ASSET DATA COLLECTION F	1,295.00
P85970	00183325	WEST COAST SIGNAL INC	ON CALL CONTRACT FOR STREETLIG	1,031.08
P92111	00183311	TRAFFIC SAFETY SUPPLY	SCHOOL STREET SIGNS	1,063.91
P92053	00183309	TACOMA SCREW PRODUCTS INC	5/16" X 2" GALV. LAG SCREWS (2	55.13
<i>Org Key: MT2200 - Vegetation Maintenance</i>				
P92096	00183227	CESSCO	SHARPEN SAW CHAINS	957.58
P92165	00183319	VIBRANT PLANTS INC	MISC. TREES	203.41
<i>Org Key: MT2300 - Planter Bed Maintenance</i>				
P92218	00183273	MI UTILITY BILLS	PAYMENT OF UTILITY BILLS FOR W	301.51
<i>Org Key: MT2500 - ROW Administration</i>				
	00183243	GAVIGLIO, MIKE	MILEAGE EXPENSE	28.08
	00183246	HANSEN, TIMOTHY P	MILEAGE EXPENSE	12.42
<i>Org Key: MT3100 - Water Distribution</i>				
P92137	00183257	LAKESIDE INDUSTRIES	EZ STREET ASPHALT (TONS)	335.07
P92125	00183261	MALLORY SAFETY SUPPLY	GAS & SENSOR FOR GAS MONITOR	67.01
P92113	00183250	HOME DEPOT CREDIT SERVICE	SAWZALL BLADES	32.78
P92166	00183271	MI HARDWARE - UTILITY	MISC. HARDWARE FOR THE MONTH O	4.92
<i>Org Key: MT3150 - Water Quality Event</i>				
P92122	00183304	SOP COOPERATIVE	SOP MANAGEMENT AND FACILITATIO	1,800.00
<i>Org Key: MT3200 - Water Pumps</i>				
	00183226	CENTURYLINK	PHONE USE SEPT 2016	237.64
<i>Org Key: MT3300 - Water Associated Costs</i>				
	00183258	LEYDE, CASEY	MILEAGE EXPENSE	38.88
	00183241	FELIX, JIM	MILEAGE EXPENSE	25.92
	00183246	HANSEN, TIMOTHY P	MILEAGE EXPENSE	24.84
<i>Org Key: MT3400 - Sewer Collection</i>				

Accounts Payable Report by GL Key

PO #	Check #	Vendor:	Transaction Description	Check Amount
P92125	00183261	MALLORY SAFETY SUPPLY	GAS & SENSOR FOR GAS MONITOR	65.05
<i>Org Key: MT3500 - Sewer Pumps</i>				
P92125	00183261	MALLORY SAFETY SUPPLY	GAS & SENSOR FOR GAS MONITOR	65.04
P92166	00183271	MI HARDWARE - UTILITY	MISC. HARDWARE FOR THE MONTH O	49.80
P92218	00183273	MI UTILITY BILLS	PAYMENT OF UTILITY BILLS FOR W	30.83
<i>Org Key: MT3800 - Storm Drainage</i>				
P92137	00183257	LAKESIDE INDUSTRIES	CLASS B ASPHALT (2 TONS), TACK	290.18
P92093	00183305	SOUND SAFETY PRODUCTS	MISC. WORK CLOTHES	239.59
<i>Org Key: MT4150 - Support Services - Clearing</i>				
P89733	00183235	CRYSTAL AND SIERRA SPRINGS	2016 MAINT WATER DELIVERY	164.66
	00183329	XEROX CORPORATION	PRINTER SUPPLIES	140.56
<i>Org Key: MT4200 - Building Services</i>				
P92199	00183275	MICHAEL SKAGGS ASSOCIATES	JANITORIAL SERVICE AUG 2016	4,022.27
P92218	00183273	MI UTILITY BILLS	PAYMENT OF UTILITY BILLS FOR W	1,051.52
P92178	00183310	THYSSENKRUPP ELEVATOR CORP	ELEVATOR MAINT FS91	907.00
P92227	00183253	INTERIOR FOLIAGE CO, THE	CITY HALL INTERIOR LANDSCAPE	271.34
P92167	00183266	MI HARDWARE - BLDG	MISC. HARDWARE FOR THE MONTH O	99.48
P92153	00183242	FIRE PROTECTION INC	SECURITY ALARM MONITORING	84.75
<i>Org Key: MT4210 - Building Landscaping</i>				
P91782	00183300	SIGNATURE LANDSCAPE SERVICES	2016 Landscape maintenance ser	219.00
<i>Org Key: MT4300 - Fleet Services</i>				
P92101	00183218	AMERIGAS-KENT	150 GAL PROPANE REFILL INV.	479.93
<i>Org Key: MT4420 - Transportation Planner Eng</i>				
P91956	00183249	HEWLETT-PACKARD COMPANY	New HP Desktop	907.66
P92176	00183290	PREMIER CABLING LLC	CABLING	760.31
<i>Org Key: MT4501 - Water Administration</i>				
P92153	00183242	FIRE PROTECTION INC	SECURITY ALARM MONITORING	84.75
<i>Org Key: MT4503 - Storm Water Administration</i>				
P92019	00183238	DEPARTMENT OF ECOLOGY	1st HALF OF STORMWATER PERMIT	7,992.85
<i>Org Key: PO1100 - Administration (PO)</i>				
P92119	00183318	VERIZON WIRELESS	August Bill - Police	2,432.03
	00183329	XEROX CORPORATION	PRINTER SUPPLIES	144.56
<i>Org Key: PO1350 - Police Emergency Management</i>				
P92150	00183302	SKYLINE COMMUNICATIONS INC	EOC INTERNET SERVICE	192.55
<i>Org Key: PO1700 - Records and Property</i>				
P92141	00183231	CONFIDENTIAL DATA DISPOSAL	Shredding	143.55
	00183329	XEROX CORPORATION	PRINTER SUPPLIES	11.92
<i>Org Key: PO2100 - Patrol Division</i>				
P92183	00183228	CLEANERS PLUS 1	Patrol uniform cleaning	248.22
P92184	00183264	MERCER ISLAND TOWING	Impound-AUA4224	196.00
P92142	00183270	MI HARDWARE - POLICE	Various small tools and hardwa	189.57

Accounts Payable Report by GL Key

PO #	Check #	Vendor:	Transaction Description	Check Amount
<i>Org Key: PO2200 - Marine Patrol</i>				
	00183260	MACARTHUR, ALEXANDRA H	UNIFORM	104.99
P92116	00183289	PORT SUPPLY	Marine Patrol Supplies	75.77
<i>Org Key: PO2201 - Dive Team</i>				
P92140	00183314	UNDERWATER SPORTS INC.	Tank hydro tests and air	341.64
P92185	00183314	UNDERWATER SPORTS INC.	Dive team equip	30.55
<i>Org Key: PO4100 - Training</i>				
P92136	00183291	PROFORCE LAW ENFORCEMENT	Less lethal supplies	2,161.56
P92118	00183234	CRIMINAL JUSTICE TRAINING COMM	Training Fee - Parr - Intervie	75.00
<i>Org Key: PR1100 - Administration (PR)</i>				
	00183221	BROOKS, KENNETH	2 CUSTOM BRONZE PLAQUES	323.03
P89979	00183293	QUENCH USA INC	Quarterly billing for Quench w	59.13
	00183226	CENTURYLINK	PHONE USE SEPT 2016	51.18
<i>Org Key: PR2100 - Recreation Programs</i>				
	00183329	XEROX CORPORATION	PRINTER SUPPLIES	11.93
	00183288	POLHEMUS, GRANT	PARKING FEE	10.00
<i>Org Key: PR2101 - Youth and Teen Camps</i>				
P92130	00183282	OLYMPIC CASCADE AQUATICS	Camper swim fees	558.00
P92192	00183272	MI SCHOOL DISTRICT #400	Transportation services for Sa	243.50
<i>Org Key: PR2103 - Aquatics Programs</i>				
P92104	00183298	SAIL SAND POINT	Instruction services for Saili	2,035.80
<i>Org Key: PR2108 - Health and Fitness</i>				
P92103	00183276	MIRACLE ISLAND PLLC	Instruction services for Wushu	646.75
P92107	00183285	PACIFIC NW NAGINATA FEDERATION	Instruction services for Nagin	571.20
P92128	00183286	PAULETTO, MAUDE	Instruction services for Yoga	533.75
P92128	00183286	PAULETTO, MAUDE	Instruction services for Yoga	496.42
P92193	00183296	ROSENSTEIN, SUSIE	Instruction services for Enhan	300.00
P92193	00183296	ROSENSTEIN, SUSIE	Instruction services for Enhan	60.00
<i>Org Key: PR3500 - Senior Services</i>				
P92213	00183232	CONSOLIDATED PRESS	Sept - Dec Looking Ahead Print	1,718.56
<i>Org Key: PR4100 - Community Center</i>				
P92177	00183275	MICHAEL SKAGGS ASSOCIATES	JANITORIAL SERVICE AUG 2016 CC	2,426.58
P92179	00183310	THYSSENKRUPP ELEVATOR CORP	ELEVATOR MAINT CCMV	907.01
P92228	00183313	TRU MECHANICAL INC	REPLACE FLOW SWITCH CHILLER	739.65
P92164	00183283	PACIFIC AIR CONTROL INC	CHILLER MAINT CCMV	590.21
	00183329	XEROX CORPORATION	PRINTER SUPPLIES	70.29
P92127	00183269	MI HARDWARE - P&R	Door stop for MICEC	12.99
<i>Org Key: PR6100 - Park Maintenance</i>				
P92126	00183273	MI UTILITY BILLS	PAYMENT OF UTILITY BILLS FOR W	8,600.75
P89733	00183235	CRYSTAL AND SIERRA SPRINGS	PARKS MAINTENANCE	366.44
P92186	00183250	HOME DEPOT CREDIT SERVICE	STAIN & SQUARE	179.07
P92123	00183250	HOME DEPOT CREDIT SERVICE	LUMBER & HARDWARE	116.20
P92168	00183268	MI HARDWARE - MAINT	MISC. HARDWARE FOR THE MONTH O	51.24
	00183329	XEROX CORPORATION	PRINTER SUPPLIES	11.94

Accounts Payable Report by GL Key

PO #	Check #	Vendor:	Transaction Description	Check Amount
<i>Org Key: PR6200 - Athletic Field Maintenance</i>				
P92126	00183273	MI UTILITY BILLS	PAYMENT OF UTILITY BILLS FOR W	33,349.70
P92055	00183301	SITEONE LANDSCAPE SUPPLY LLC	WHITE FIELD PAINT (BULK)	181.16
	00183226	CENTURYLINK	PHONE USE SEPT 2016	86.32
P92058	00183244	GRAINGER	CABLE TIES	53.29
P92186	00183250	HOME DEPOT CREDIT SERVICE	TAPE MEASURE (300')	32.82
P92168	00183268	MI HARDWARE - MAINT	MISC. HARDWARE FOR THE MONTH O	5.46
<i>Org Key: PR6500 - Luther Burbank Park Maint.</i>				
P92126	00183273	MI UTILITY BILLS	PAYMENT OF UTILITY BILLS FOR W	7,335.21
P92131	00183263	MARINE RESTORATION & CONST	Luther Burbank swim beach milf	2,693.70
P92199	00183275	MICHAEL SKAGGS ASSOCIATES	JANITORIAL SERVICE AUG 2016	2,148.09
P92154	00183242	FIRE PROTECTION INC	CHECK AND REPAIR SECURITY PANE	227.76
P92153	00183242	FIRE PROTECTION INC	SECURITY ALARM MONITORING	84.75
P92226	00183242	FIRE PROTECTION INC	SECURITY ALARM CHECK	71.18
P92168	00183268	MI HARDWARE - MAINT	MISC. HARDWARE FOR THE MONTH O	48.07
<i>Org Key: PR6600 - Park Maint-School Related</i>				
P92138	00183259	LLOYD ENTERPRISES INC	PLAYFIELD SAND (32.05 TONS)	748.22
P92108	00183222	BUZZ TURF LLC	Gmax testing for South Mercer	600.00
P92055	00183301	SITEONE LANDSCAPE SUPPLY LLC	WHITE FIELD PAINT (BULK)	175.84
P92168	00183268	MI HARDWARE - MAINT	MISC. HARDWARE FOR THE MONTH O	39.31
<i>Org Key: PR6700 - I90 Park Maintenance</i>				
P92126	00183273	MI UTILITY BILLS	PAYMENT OF UTILITY BILLS FOR W	55,207.21
P89438	00183223	CAMDEN GARDENS	2016 Aljoya & Aubrey Davis Par	410.63
P89258	00183316	UNITED SITE SERVICES	2016 Portable Toilet Rentals a	338.65
P92055	00183301	SITEONE LANDSCAPE SUPPLY LLC	WHITE FIELD PAINT (BULK)	175.83
P89258	00183316	UNITED SITE SERVICES	2016 Portable Toilet Rentals a	151.20
P92129	00183308	T2 SYSTEMS CANADA INC	Printer paper	59.71
<i>Org Key: WD120V - East Seattle Storm Improvmts</i>				
P92204	00183250	HOME DEPOT CREDIT SERVICE	56 BAGS OF FAST SET CONCRETE	315.80
<i>Org Key: WG101R - City Hall Building Repairs</i>				
P92180	00183283	PACIFIC AIR CONTROL INC	REPLACE HP #8 SERVING FINANCE	8,313.24
<i>Org Key: WG107R - Luther Burbank Admin Bldg Rep</i>				
P92163	00183313	TRU MECHANICAL INC	HVAC BASEMENT FRESH AIR	4,286.93
<i>Org Key: WG513T - Rec & Facility Booking System</i>				
P92158	00183303	SOFTRESOURCES	PROJ MGMT	12,950.00
P92157	00183303	SOFTRESOURCES	PROJ MGMT	7,700.00
<i>Org Key: WG516T - Disaster Recovery</i>				
P91954	00183224	CDW GOVERNMENT INC	15ft network cables	321.27
<i>Org Key: WG715T - Maintenance Management System</i>				
P92159	00183303	SOFTRESOURCES	PROJ MGMT	14,759.44
<i>Org Key: WG920T - High Accuracy Orthophotos</i>				
P92151	00183255	KING COUNTY FINANCE	CUSTOM COMPRESSED MOSAICS	250.92
<i>Org Key: WG922T - Mobile Asset Data Collection</i>				

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PO #	Check #	Vendor:	Transaction Description	Check Amount
P92175	00183252	IMS INFRASTRUCTURE MANGT SRVS	MOBILE ASSET DATA COLLECTION F	1,392.34
<i>Org Key: WP122P - Open Space - Pioneer/Engstrom</i>				
P92147	00183245	GRANGE SUPPLY INC	8' ROUND WOOD POST	459.68
P89258	00183316	UNITED SITE SERVICES	2016 Portable Toilet Rentals a	75.60
<i>Org Key: WP122R - Vegetation Management</i>				
P92127	00183269	MI HARDWARE - P&R	Duct tape	4.92
<i>Org Key: WP720R - Recurring Park Projects</i>				
P92132	00183217	ALL CITY FENCE CO	Installation of hand rail at	1,875.74
<i>Org Key: WR120S - ICW Phase 2</i>				
P89449	00183256	KPG	2016 ICW RESURFACING PHASE 2 -	8,581.86
<i>Org Key: WS901D - Sewer Sys Pump Sta Repairs</i>				
P92202	00183250	HOME DEPOT CREDIT SERVICE	4' LIGHT BULBS	239.85
<i>Org Key: WW101P - Water System Plan</i>				
P80918	00183247	HDR ENGINEERING INC	2015 WATER SYSTEM PLAN UPDATES	2,839.11
<i>Org Key: WW523R - EMW 5400-6000 Block Watermain</i>				
P91353	00183219	AXIS SURVEY & MAPPING	DESIGN - E MERCER WAY 5400-600	8,082.50
<i>Org Key: XG300R - Fire Station 92 Replacement</i>				
P92156	00183248	HEDEEN & CADITZ PLLC	Professional Services - FS 92	7,493.35
<i>Org Key: XP520R - Recreational Trail Connections</i>				
P91967	00183262	MARENAKOS ROCK CENTER	LANDSCAPING ROCK	991.91
P92197	00183262	MARENAKOS ROCK CENTER	LANDSCAPING ROCK (4 TONS)	612.16
<i>Org Key: XR546R - SE 42nd Raised Crosswalk</i>				
P92111	00183311	TRAFFIC SAFETY SUPPLY	SCHOOL STREET SIGNS	637.56
<i>Org Key: YF1100 - YFS General Services</i>				
P89372	00183237	DATAQUEST LLC	Background checks for voluntee	137.50
P89979	00183293	QUENCH USA INC	Quarterly billing for LB build	59.13
P89331	00183318	VERIZON WIRELESS	Monthly expense for mobile	40.01
	00183329	XEROX CORPORATION	PRINTER SUPPLIES	11.93
<i>Org Key: YF1200 - Thrift Shop</i>				
P92199	00183275	MICHAEL SKAGGS ASSOCIATES	JANITORIAL SERVICE AUG 2016	1,940.65
P92191	00183310	THYSSENKRUPP ELEVATOR CORP	ELEVATOR MAINT THRIFT SHOP	907.01
P92152	00183242	FIRE PROTECTION INC	REPLACE SECURITY KEY PAD	382.16
P92155	00183284	PACIFIC MODULAR	REMOVE COFFEE STAIN UPSTAIRS T	225.00
	00183226	CENTURYLINK	PHONE USE SEPT 2016	162.40
P89979	00183293	QUENCH USA INC	Quarterly billing for water	118.26
	00183329	XEROX CORPORATION	PRINTER SUPPLIES	70.27
<i>Org Key: YF2100 - School/City Partnership</i>				
P92057	00183330	YouthLight INC	Counselor office - reading, gr	534.29
<i>Org Key: YF2300 - VOICE Program</i>				
	00183233	CORK, TAMBI A	SUPPLIES AND PARKING FEES	185.81

Accounts Payable Report by GL Key

PO #	Check #	Vendor:	Transaction Description	Check Amount
			Total	<u>346,925.53</u>

CERTIFICATION OF CLAIMS

I, the undersigned, do hereby certify under penalty of perjury that the materials have been furnished, the services rendered, or the labor performed as described herein, that any advance payment is due and payable pursuant to a contract or is available as an option for full or partial fulfillment of a contractual obligation, and that the claim is a just, due and unpaid obligation against the City of Mercer Island, and that I am authorized to authenticate and certify to said claim.



Finance Director

I, the undersigned, do hereby certify that the City Council has reviewed the documentation supporting claims paid and approved all checks or warrants issued in payment of claims.

Mayor

Date

<u>Report</u>	<u>Warrants</u>	<u>Date</u>	<u>Amount</u>
Check Register	183331-183439	09/22/16	\$ 617,366.04
			\$ 617,366.04

Accounts Payable Report by Check Number

Check No	Check Date	Vendor Name/Description	PO #	Invoice #	Invoice Date	Check Amount
00183331	09/21/2016	MICHAEL'S TOYOTA OF BELLEVUE NEW VEHICLE 2016 TOYOTA RAV 4	P92307	OH007080	09/21/2016	27,098.91
00183332	09/22/2016	AIRGAS USA LLC Oxygen/Fire	P92257	9939015339	08/31/2016	101.99
00183333	09/22/2016	ALPINE PRODUCTS INC INVENTORY PURCHASES	P92223	TM161588	09/06/2016	239.81
00183334	09/22/2016	ASPECT SOFTWARE INC Telestaff Monthly Maintenance		ASI016929	09/04/2016	328.50
00183335	09/22/2016	AWC October 2016 COBRA J. Maggard	P89549	OH007092	09/21/2016	790.77
00183336	09/22/2016	BARNETT, JASON CDL RENEWAL		OH007089	09/19/2016	102.00
00183337	09/22/2016	BELLEVUE, CITY OF ARCH 4TH QUARTER CONTRIBUTION	P90272	31232	09/01/2016	7,696.00
00183338	09/22/2016	BOARD OF REGENTS Prevention Summit Conference	P92242	20084251	09/06/2016	600.00
00183339	09/22/2016	BRAKE AND CLUTCH SUPPLY NORTH Parts for 4602	P92254	56420	08/22/2016	22.26
00183340	09/22/2016	CHAPTER 13 TRUSTEE PAYROLL EARLY WARRANTS		OH007085	09/16/2016	1,331.00
00183341	09/22/2016	CINTAS CORPORATION #460 2016 Rug Cleaning Services for	P89342	460661275	08/18/2016	24.64
00183342	09/22/2016	CLIFTON, CURTIS MILEAGE EXPENSES		OH007071	09/15/2016	25.92
00183343	09/22/2016	CLOUD 9 SPORTS LLC SPORT TEK SHIRTS	P92225	SH10881	09/02/2016	611.48
00183344	09/22/2016	COMCAST Internet Charges/Fire	P92255	OH007094	09/04/2016	70.80
00183345	09/22/2016	DUNBAR ARMORED SEPT16 Armored Car Service	P92267	3840940	09/01/2016	1,752.25
00183346	09/22/2016	EARTHCORPS INC 2015-2016 Volunteer Recruitmen	P85100	6143	08/31/2016	1,145.50
00183347	09/22/2016	EASTSIDE EXTERMINATORS Extermination services for Aub	P92212	305378	09/08/2016	107.75
00183348	09/22/2016	EPSCA MONTHLY RADIO ACCESS FEES 44 R	P89334	8671	09/01/2016	2,903.75
00183349	09/22/2016	FEDEX OFFICE PUGH CLAIM COPY REQUEST	P92121	517600011228	09/06/2016	2,211.13
00183350	09/22/2016	FEHR & PEERS August 2016 Phase 2 Sound Tran	P92262	109960	09/08/2016	525.20
00183351	09/22/2016	FIRST RESPONSE EMERGENCY EQUPT Bunker Gear Gloves	P92232	4700	09/01/2016	734.20
00183352	09/22/2016	FORD & LINCOLN OF BELLEVUE Mirror for P/U Truck	P92253	107773	04/08/2016	479.54
00183353	09/22/2016	FUNG, MING REFUND HYDRANT METER DEPOSIT		OH007065	08/23/2016	2,900.00
00183354	09/22/2016	GLASS, SANDY Student mosaic workshops	P86736	OH007095	09/13/2016	2,000.00
00183355	09/22/2016	GRAINGER FLASHLIGHTS	P92054	9206373061	08/24/2016	412.05
00183356	09/22/2016	GREATWORK/VILLACOM LLC I-90 Transportation Mobility P	P92274	0140	09/01/2016	4,800.00

Accounts Payable Report by Check Number

Check No	Check Date	Vendor Name/Description	PO #	Invoice #	Invoice Date	Check Amount
00183357	09/22/2016	HARRIS COMPUTER SYSTEMS Registration - Lake, Cartwrig	P92325	15831349/1588135	09/21/2016	1,750.00
00183358	09/22/2016	HDR ENGINEERING INC SEWER SPECIAL CATCH BASIN -	P91901	1200009918	09/06/2016	11,120.36
00183359	09/22/2016	HOLMES, EDWARD J FLEX SPEND ACCT REIMB		OH007073	09/16/2016	260.00
00183360	09/22/2016	HONEYWELL, MATTHEW V Professional Services - Invoic	P92268	932	09/13/2016	850.00
00183361	09/22/2016	HORSCHMAN, BRENT FLEX SPEND ACCT REIMB		OH007072	09/16/2016	192.31
00183362	09/22/2016	INDUSTRY SIGN & GRAPHICS New hours of operation for fro	P92214	38887	07/18/2016	1,150.85
00183363	09/22/2016	ISSAQUAH CITY JAIL July 2016 Jail Bill	P92134	0450008243	09/01/2016	3,977.00
00183364	09/22/2016	KC FINANCE 31 days work release-reimburse	P91980	3001491	08/17/2016	3,255.93
00183365	09/22/2016	KC RECORDS Recording fees	P92315	OH007099	09/20/2016	1,295.00
00183366	09/22/2016	KELLEY, CHRIS M WORK JEANS		OH007090	09/19/2016	201.45
00183367	09/22/2016	KEY HEARING LEOFF1 Retiree Medical Expense	P92275	OH007096	09/15/2016	250.00
00183368	09/22/2016	KIA MOTORS FINANCE DSG 2016 KIA SOUL LEASE	P88915	OH007098	09/14/2016	263.96
00183369	09/22/2016	KING COUNTY FINANCE MONTHLY SEWER JAN-DEC 2016	P89275	30014447	09/01/2016	370,410.39
00183370	09/22/2016	KPG I-90 Traffic Analysis August	P92246	815516	09/08/2016	14,212.00
00183371	09/22/2016	KROESENS UNIFORM COMPANY Uniforms - Gruger/Pearson/Math	P92234	32863/32861/3286	08/31/2016	5,406.63
00183372	09/22/2016	LEYDE, CASEY MILEAGE EXPENSES		OH007088	09/19/2016	116.64
00183373	09/22/2016	LITTLE BIT THERAPU RIDING CTR Enhancement funds for EA (seni	P92241	19812	09/01/2016	257.00
00183374	09/22/2016	LN CURTIS & SONS 2-1/2" FIRE HOSE	P91831	INV49938	09/06/2016	768.19
00183375	09/22/2016	M & M BALLOON CO Helium refills for MICEC	P89715	29170	09/01/2016	20.81
00183376	09/22/2016	MI EMPLOYEES ASSOC PAYROLL EARLY WARRANTS		OH007082	09/16/2016	135.00
00183377	09/22/2016	MI REAL ESTATE VENTURE OVERPAYMENT REFUND		OH007062	09/15/2016	138.14
00183378	09/22/2016	MICROFLEX Aug 2016 Tax Audit Program	P92249	00022430	09/06/2016	74.23
00183379	09/22/2016	MILLER, TODD DERROID OFFICE SUPPLIES AUGUST 2016		OH007091	08/31/2016	3,050.58
00183380	09/22/2016	NATIONAL BUSINESS SYSTEMS "Keystroke" software updates a	P92243	76847	08/10/2016	542.03
00183381	09/22/2016	NORTH COAST MOVING & Historical Society Storage	P92270	4235	09/06/2016	41.40
00183382	09/22/2016	PACIFIC POWER GROUP LLC Replace Turbo on Engine 8610 D	P92244	6448154	08/31/2016	8,136.68

Accounts Payable Report by Check Number

Check No	Check Date	Vendor Name/Description	PO #	Invoice #	Invoice Date	Check Amount
00183383	09/22/2016	PACIFIC SAFETY SUPPLY INC ROLL UP SIGNS (2-FLAGGER AHEAD	P92224	714200	09/08/2016	1,612.46
00183384	09/22/2016	PART WORKS INC. AUGER & HOLLOW CABLE	P92200	433508	09/01/2016	38.89
00183385	09/22/2016	POLICE ASSOCIATION PAYROLL EARLY WARRANTS		OH007083	09/16/2016	2,510.20
00183386	09/22/2016	POT O' GOLD INC Coffee Supplies	P92251	0067858	09/12/2016	265.80
00183387	09/22/2016	PUGET SOUND ENERGY TEMPORARY SEAFAIR POWER	P92331	OH007093	09/12/2016	20.87
00183388	09/22/2016	REGAN, SUSAN BOAT LAUNCH TICKET REFUND		OH007104	09/20/2016	11.00
00183389	09/22/2016	RESERVE ACCOUNT Postage funds refill	P92271	OH007100	09/15/2016	2,500.00
00183390	09/22/2016	RICOH USA INC (FIRE) Copier Rental/Fire	P92256	97468059	09/05/2016	319.42
00183391	09/22/2016	RIVERS EDGE ENVIROMENTAL SERV REFUND HYDRANT METER DEPOSIT		OH007066	08/31/2016	2,900.00
00183392	09/22/2016	ROBARGE, JAMES H FLEX SPEND ACCT REIMB		OH007077	09/16/2016	1,000.00
00183393	09/22/2016	ROBERTS, KARIN MILEAGE EXPENSE		OH007070	09/14/2016	214.74
00183394	09/22/2016	SANDINE, ASEA FLEX SPEND ACCT REIMB		OH007074	09/16/2016	192.31
00183395	09/22/2016	SEATTLE PUBLIC UTILITIES Revised Statment for March 201	P92250	OH007101	09/14/2016	3,244.00
00183396	09/22/2016	SEATTLE SHAKESPEARE COMPANY Wooden O Performance Services	P92026	40179	08/10/2016	6,000.00
00183397	09/22/2016	SEGLE, KRYSS EMPLOYEE RECOGNITION GIFT CARD		OH007067	09/15/2016	471.50
00183398	09/22/2016	SHIH, DOUGLAS OVERPAYMENT REFUND		OH007064	09/15/2016	324.57
00183399	09/22/2016	SIEBERT, DAVID OVERPAYMENT REFUND		OH007063	09/15/2016	40.00
00183400	09/22/2016	SIGNATURE LANDSCAPE SERVICES 2016 Landscape maintenance ser	P90550	10545/46/47/48	09/01/2016	4,042.73
00183401	09/22/2016	SILVERMAN, KEVIN Assembly of Fitness Equipment	P92237	OH007102	09/13/2016	412.50
00183402	09/22/2016	SOLOMON, MEARA FLEX SPEND ACCT REIMB		OH007075	09/16/2016	192.31
00183403	09/22/2016	SOUND PUBLISHING INC Ntc: Council Mtg Date Change	P92239	7708650	08/31/2016	231.78
00183404	09/22/2016	STEWART, H WAYNE TRAVEL EXPENSES		OH007086	09/19/2016	35.52
00183405	09/22/2016	SUNDSTROM, ROBERT Instruction services for Birdi	P92220	16311	09/12/2016	553.15
00183406	09/22/2016	SUPPLY SOURCE INC/SAMS, THE INVENTORY PURCHASES	P92221	1612800	09/06/2016	1,423.09
00183407	09/22/2016	SYLVETSKY, LESLIE SENIOR SOCIAL MEALS /SUPPLIES		OH007068	09/07/2016	285.45
00183408	09/22/2016	T&L NURSERY INC AUTUMN HANGING BASKETS	P92120	290799	09/05/2016	3,821.55

Accounts Payable Report by Check Number

Check No	Check Date	Vendor Name/Description	PO #	Invoice #	Invoice Date	Check Amount
00183409	09/22/2016	THOMSON REUTERS - WEST CIS Intel database	P92233	834655733	09/01/2016	302.00
00183410	09/22/2016	TOWN & COUNTRY POST FRAME BLDG T&M FOR SUPERVISION OF HOLE	P92182	21749	08/25/2016	64,668.78
00183411	09/22/2016	TRAFFIC SAFETY SUPPLY SURFACE MOUNT BASES FOR SIGN P	P92094	118346	09/01/2016	164.38
00183412	09/22/2016	TUTTLE, LAJUAN FLEX SPEND ACCT REIMB		OH007076	09/16/2016	28.85
00183413	09/22/2016	UNITED WAY OF KING CO PAYROLL EARLY WARRANTS		OH007084	09/16/2016	110.00
00183428	09/22/2016	US BANK CORP PAYMENT SYS AMAZON MKTPLACE PMTS		2475541622126221	09/06/2016	23,216.38
00183429	09/22/2016	VERIZON WIRELESS PS 18 & 24 CELLULAR SERVICE		9770759353	08/21/2016	156.08
00183430	09/22/2016	VERIZON WIRELESS MAINT CELLULAR SERVICE		9770838390	08/23/2016	881.20
00183431	09/22/2016	WA LEGAL MESSENGERS INC Legal Messenger Services - Inv	P92269	307850	09/09/2016	29.00
00183432	09/22/2016	WALTER E NELSON CO INVENTORY PURCHASES	P92092	560218	09/02/2016	1,452.09
00183433	09/22/2016	WAPRO MS Registration 2016 Fall Conf	P92077	1815/1818	09/01/2016	350.00
00183434	09/22/2016	WASHINGTON STATE PATROL CPL background checks	P92236	I17001438	09/01/2016	59.00
00183435	09/22/2016	WASHINGTON STATE PATROL Background Checks YFS	P92238	I17000836	09/01/2016	60.00
00183436	09/22/2016	WIBLE, CONNIE M 2016 Gallery Reception Enterta	P89848	OH007103	09/13/2016	150.00
00183437	09/22/2016	WSCCCE AFSCME AFL-CIO PAYROLL EARLY WARRANTS		OH007081	09/16/2016	2,425.10
00183438	09/22/2016	XEROX CORPORATION Copier costs - August	P89369	086131105	09/02/2016	3,103.30
00183439	09/22/2016	XEROX CORPORATION Records Copier	P92135	86076562/8613110	09/01/2016	654.01
					Total	<u>617,366.04</u>

Accounts Payable Report by GL Key

PO #	Check #	Vendor:	Transaction Description	Check Amount
<i>Org Key: 402000 - Water Fund-Admin Key</i>				
P92250	00183395	SEATTLE PUBLIC UTILITIES	Revised Statment for March 201	3,244.00
	00183353	FUNG, MING	REFUND HYDRANT METER DEPOSIT	2,900.00
	00183391	RIVERS EDGE ENVIROMENTAL SERV	REFUND HYDRANT METER DEPOSIT	2,900.00
P92092	00183432	WALTER E NELSON CO	INVENTORY PURCHASES	1,452.09
P92221	00183406	SUPPLY SOURCE INC/SAMS, THE	INVENTORY PURCHASES	1,423.09
	00183398	SHIH, DOUGLAS	OVERPAYMENT REFUND	324.57
P92223	00183333	ALPINE PRODUCTS INC	INVENTORY PURCHASES	239.81
	00183377	MI REAL ESTATE VENTURE	OVERPAYMENT REFUND	138.14
	00183399	SIEBERT, DAVID	OVERPAYMENT REFUND	40.00
<i>Org Key: 814072 - United Way</i>				
	00183413	UNITED WAY OF KING CO	PAYROLL EARLY WARRANTS	110.00
<i>Org Key: 814074 - Garnishments</i>				
	00183340	CHAPTER 13 TRUSTEE	PAYROLL EARLY WARRANTS	1,331.00
<i>Org Key: 814075 - Mercer Island Emp Association</i>				
	00183376	MI EMPLOYEES ASSOC	PAYROLL EARLY WARRANTS	135.00
<i>Org Key: 814076 - City & Counties Local 21M</i>				
	00183437	WSCCCE AFSCME AFL-CIO	PAYROLL EARLY WARRANTS	2,425.10
<i>Org Key: 814077 - Police Association</i>				
	00183385	POLICE ASSOCIATION	PAYROLL EARLY WARRANTS	2,510.20
<i>Org Key: CA1100 - Administration (CA)</i>				
	00183428	US BANK CORP PAYMENT SYS	AMAZON MKTPLACE PMTS	670.00
	00183428	US BANK CORP PAYMENT SYS	WSBA	275.00
	00183428	US BANK CORP PAYMENT SYS	AMAZON MKTPLACE PMTS	225.00
	00183428	US BANK CORP PAYMENT SYS	ACT*WASHINGTON STATE A	210.00
P92077	00183433	WAPRO	MS Registration 2016 Fall Conf	175.00
P92269	00183431	WA LEGAL MESSENGERS INC	Legal Messenger Services - Inv	29.00
	00183379	MILLER, TODD DERROID	OFFICE SUPPLIES AUGUST 2016	23.93
	00183428	US BANK CORP PAYMENT SYS	WF4WASBASSOC*SERVICE FEE	6.88
	00183428	US BANK CORP PAYMENT SYS	FATSEATTLE	6.50
<i>Org Key: CA1200 - Prosecution & Criminal Mngmnt</i>				
P92268	00183360	HONEYWELL, MATTHEW V	Professional Services - Invoic	850.00
<i>Org Key: CM1100 - Administration (CM)</i>				
	00183428	US BANK CORP PAYMENT SYS	INTERNATIONAL PARKING MAN	13.43
	00183428	US BANK CORP PAYMENT SYS	INTERNATIONAL PARKING MAN	10.99
<i>Org Key: CM11SP - Special Projects-City Mgr</i>				
P92246	00183370	KPG	I-90 Traffic Analysis August	14,212.00
P92274	00183356	GREATWORK/VILLACOM LLC	I-90 Transportation Mobility P	4,800.00
P92262	00183350	FEHR & PEERS	August 2016 Phase 2 Sound Tran	525.20
<i>Org Key: CM1200 - City Clerk</i>				
P92077	00183433	WAPRO	AS Registration 2016 Fall Conf	175.00
	00183393	ROBERTS, KARIN	MILEAGE EXPENSE	138.24
	00183393	ROBERTS, KARIN	PER DIEM REIMB	76.50
P92239	00183403	SOUND PUBLISHING INC	Ntc: Council Mtg Date Change	44.33

Accounts Payable Report by GL Key

PO #	Check #	Vendor:	Transaction Description	Check Amount
<i>Org Key: CM1400 - Communications</i>				
	00183428	US BANK CORP PAYMENT SYS	BACKUPIFY	4.99
<i>Org Key: CO6100 - City Council</i>				
	00183428	US BANK CORP PAYMENT SYS	CASCADE FRAMES	135.87
	00183428	US BANK CORP PAYMENT SYS	PAYPAL *SCA	45.00
	00183428	US BANK CORP PAYMENT SYS	ASSOC OF WA CITIES	35.00
	00183428	US BANK CORP PAYMENT SYS	QFC #5822	34.98
<i>Org Key: CR1100 - CORe Admin and Human Resources</i>				
	00183397	SEGLE, KRYSS	EMPLOYEE RECOGNITION GIFT CARD	471.50
P92237	00183401	SILVERMAN, KEVIN	Assembly of Fitness Equipment	412.50
	00183379	MILLER, TODD DERROID	OFFICE SUPPLIES AUGUST 2016	237.56
	00183428	US BANK CORP PAYMENT SYS	CRAIGSLIST.ORG	135.00
	00183428	US BANK CORP PAYMENT SYS	CRAIGSLIST.ORG	135.00
	00183428	US BANK CORP PAYMENT SYS	CRAIGSLIST.ORG	135.00
	00183428	US BANK CORP PAYMENT SYS	AMERICAN PLANNING ASSOCIA	100.00
	00183428	US BANK CORP PAYMENT SYS	CRAIGSLIST.ORG	90.00
	00183428	US BANK CORP PAYMENT SYS	CRAIGSLIST.ORG	90.00
	00183428	US BANK CORP PAYMENT SYS	WASHINGTONA	50.00
	00183428	US BANK CORP PAYMENT SYS	EINSTEIN BROS BAGELS3410	30.98
	00183428	US BANK CORP PAYMENT SYS	QFC #5839	7.88
<i>Org Key: CT1100 - Municipal Court</i>				
P92174	00183438	XEROX CORPORATION	Copier costs - August	154.63
	00183404	STEWART, H WAYNE	TRAVEL EXPENSES	35.52
<i>Org Key: DS1100 - Administration (DS)</i>				
P92315	00183365	KC RECORDS	Recording fees	687.00
P92252	00183365	KC RECORDS	Recording fees	608.00
	00183428	US BANK CORP PAYMENT SYS	NFPA NATL FIRE PROTECT	368.72
	00183428	US BANK CORP PAYMENT SYS	AMAZON.COM AMZN.COM/BILL	241.67
	00183428	US BANK CORP PAYMENT SYS	GOURMONDO CATERING	77.54
	00183428	US BANK CORP PAYMENT SYS	MBP.COM MERCHANT FEE	54.10
	00183379	MILLER, TODD DERROID	OFFICE SUPPLIES AUGUST 2016	47.74
P92239	00183403	SOUND PUBLISHING INC	Ntc: Special Mtg Design Comm	46.93
	00183428	US BANK CORP PAYMENT SYS	SQ *MERCER ISLAND ROTARY	20.00
	00183428	US BANK CORP PAYMENT SYS	SQ *MERCER ISLAND ROTARY	15.00
<i>Org Key: DS1200 - Bldg Plan Review & Inspection</i>				
	00183428	US BANK CORP PAYMENT SYS	INT'L CODE COUNCIL INC	1,006.69
	00183428	US BANK CORP PAYMENT SYS	AMERICAN CONCRETE INST.	410.85
	00183428	US BANK CORP PAYMENT SYS	SHOPKO 113 00401133	48.92
<i>Org Key: DS1300 - Land Use Planning Svc</i>				
	00183379	MILLER, TODD DERROID	OFFICE SUPPLIES AUGUST 2016	127.09
P92239	00183403	SOUND PUBLISHING INC	Ntc: 2017 Comp Plan Amend Requ	98.78
<i>Org Key: DS1400 - Development Engineering</i>				
	00183428	US BANK CORP PAYMENT SYS	AMAZON MKTPLACE PMTS	51.31
<i>Org Key: FN4501 - Utility Billing (Water)</i>				

Accounts Payable Report by GL Key

PO #	Check #	Vendor:	Transaction Description	Check Amount
P92325	00183357	HARRIS COMPUTER SYSTEMS	Registration - Lake, Cartwrig	584.00
<i>Org Key: FN4502 - Utility Billing (Sewer)</i>				
P92325	00183357	HARRIS COMPUTER SYSTEMS	Registration - Lake, Cartwrig	583.00
<i>Org Key: FN4503 - Utility Billing (Storm)</i>				
P92325	00183357	HARRIS COMPUTER SYSTEMS	Registration - Lake, Cartwrig	583.00
<i>Org Key: FNBE01 - Financial Services</i>				
P92249	00183378	MICROFLEX	Aug 2016 Tax Audit Program	74.23
<i>Org Key: FR1100 - Administration (FR)</i>				
	00183428	US BANK CORP PAYMENT SYS	AMAZON.COM AMZN.COM/BILL	327.41
P92256	00183390	RICOH USA INC (FIRE)	Copier Rental/Fire	319.42
P92209	00183334	ASPECT SOFTWARE INC	Telestaff Monthly Maintenance	164.25
	00183334	ASPECT SOFTWARE INC	TELESTAFF MTHLY CHGS FOR MAINT	164.25
	00183428	US BANK CORP PAYMENT SYS	WORLD KITCHEN CREDIT DEPT	154.29
	00183428	US BANK CORP PAYMENT SYS	INGALLINA'S BOX LUNCH	82.58
P92255	00183344	COMCAST	Internet Charges/Fire	70.80
	00183428	US BANK CORP PAYMENT SYS	AMAZON MKTPLACE PMTS	49.26
	00183428	US BANK CORP PAYMENT SYS	UPS*1ZF603TL0300008817	40.46
	00183428	US BANK CORP PAYMENT SYS	RITE AID STORE - 5197	23.17
	00183428	US BANK CORP PAYMENT SYS	UPS*1ZF8T5Z9P120012015	22.76
	00183428	US BANK CORP PAYMENT SYS	UPS*1ZF603TL0305127420	21.25
	00183428	US BANK CORP PAYMENT SYS	SILERS DRY CLEANERS	12.42
	00183428	US BANK CORP PAYMENT SYS	UPS*2938000E7L0	6.70
	00183428	US BANK CORP PAYMENT SYS	UPS*2958B2MNGQH	6.70
	00183428	US BANK CORP PAYMENT SYS	USPS CHANGE OF66100959	1.00
<i>Org Key: FR2100 - Fire Operations</i>				
P92244	00183382	PACIFIC POWER GROUP LLC	Replace Turbo on Engine 8610 D	8,597.06
P92231	00183371	KROESENS UNIFORM COMPANY	Uniforms - Gruger/Pearson/Math	2,374.76
P89334	00183348	EPSCA	MONTHLY RADIO ACCESS FEES 44 R	1,111.00
P92232	00183351	FIRST RESPONSE EMERGENCY EQUPT	Bunker Gear Gloves	734.20
P92253	00183352	FORD & LINCOLN OF BELLEVUE	Mirror for P/U Truck	479.54
	00183428	US BANK CORP PAYMENT SYS	DICK'S TOWING-RETAIL	204.75
P92254	00183339	BRAKE AND CLUTCH SUPPLY NORTH	Parts for 4602	22.26
P92244	00183382	PACIFIC POWER GROUP LLC	Credit Balance on Invoice 6445	-84.32
P92244	00183382	PACIFIC POWER GROUP LLC	Credit from previous billing (-376.06
<i>Org Key: FR2500 - Fire Emergency Medical Svcs</i>				
P92257	00183332	AIRGAS USA LLC	Oxygen/Fire	101.99
<i>Org Key: FR4100 - Training</i>				
	00183428	US BANK CORP PAYMENT SYS	FIREMANSHIP CONFERENCE	300.00
	00183428	US BANK CORP PAYMENT SYS	LEGEND DATA SYSTEMS	240.67
<i>Org Key: FR5100 - Community Risk Reduction</i>				
	00183428	US BANK CORP PAYMENT SYS	INGALLINA'S BOX LUNCH	55.26
<i>Org Key: GGM001 - General Government-Misc</i>				
P92271	00183389	RESERVE ACCOUNT	Postage funds refill	2,500.00
P92267	00183345	DUNBAR ARMORED	SEPT16 Armored Car Service	503.03

Accounts Payable Report by GL Key

PO #	Check #	Vendor:	Transaction Description	Check Amount
P92251	00183386	POT O' GOLD INC	Coffee Supplies	265.80
<i>Org Key: GGM004 - Gen Govt-Office Support</i>				
	00183379	MILLER, TODD DERROID	OFFICE SUPPLIES AUGUST 2016	850.21
P92195	00183438	XEROX CORPORATION	CM'S COPY CHARGES 7/21-8/21/16	632.08
	00183379	MILLER, TODD DERROID	OFFICE SUPPLIES AUGUST 2016	593.30
P92195	00183438	XEROX CORPORATION	MAIL ROOM COPY CHARGES 7/21-8/	553.19
P92195	00183438	XEROX CORPORATION	DSG COPY CHARGES 7/21-8/26/16	191.68
	00183379	MILLER, TODD DERROID	OFFICE SUPPLIES AUGUST 2016	95.06
	00183379	MILLER, TODD DERROID	OFFICE SUPPLIES AUGUST 2016	46.36
<i>Org Key: GGM005 - Genera Govt-L1 Retiree Costs</i>				
P92275	00183367	KEY HEARING	LEOFF1 Retiree Medical Expense	250.00
<i>Org Key: GX9996 - Employee Benefits-Police</i>				
P89549	00183335	AWC	October 2016 COBRA J. Maggard	790.77
<i>Org Key: IGVO02 - ARCH</i>				
P90272	00183337	BELLEVUE, CITY OF	ARCH 4TH QUARTER CONTRIBUTION	7,696.00
<i>Org Key: IS1100 - IGS Mapping</i>				
	00183428	US BANK CORP PAYMENT SYS	EDX, INC.	49.00
<i>Org Key: IS2100 - IGS Network Administration</i>				
	00183428	US BANK CORP PAYMENT SYS	OFFENSIVE SECURITY	450.00
	00183428	US BANK CORP PAYMENT SYS	OFFENSIVE SECURITY	150.00
	00183428	US BANK CORP PAYMENT SYS	AMAZON MKTPLACE PMTS	133.97
	00183428	US BANK CORP PAYMENT SYS	ACT*ACCIS	125.00
	00183428	US BANK CORP PAYMENT SYS	ACT*ACCIS	125.00
	00183428	US BANK CORP PAYMENT SYS	AMAZON.COM	97.99
	00183428	US BANK CORP PAYMENT SYS	AMAZON.COM AMZN.COM/BILL	97.99
	00183428	US BANK CORP PAYMENT SYS	AMAZON MKTPLACE PMTS	95.96
	00183428	US BANK CORP PAYMENT SYS	AMAZON MKTPLACE PMTS	86.99
	00183428	US BANK CORP PAYMENT SYS	AMAZON.COM AMZN.COM/BILL	47.03
	00183428	US BANK CORP PAYMENT SYS	AMAZON.COM	47.03
	00183428	US BANK CORP PAYMENT SYS	AMAZON.COM	47.03
	00183428	US BANK CORP PAYMENT SYS	AMAZON.COM	32.24
	00183428	US BANK CORP PAYMENT SYS	AMAZON MKTPLACE PMTS	22.95
	00183428	US BANK CORP PAYMENT SYS	THE UPS STORE 1081	20.19
	00183428	US BANK CORP PAYMENT SYS	AMAZON MKTPLACE PMTS	12.99
	00183428	US BANK CORP PAYMENT SYS	THE UPS STORE 1081	10.63
	00183428	US BANK CORP PAYMENT SYS	AMAZON MKTPLACE PMTS	8.99
	00183428	US BANK CORP PAYMENT SYS	AMAZON WEB SERVICES	0.56
<i>Org Key: MT2100 - Roadway Maintenance</i>				
P92224	00183383	PACIFIC SAFETY SUPPLY INC	ROLL UP SIGNS (2-FLAGGER AHEAD	1,027.38
P92224	00183383	PACIFIC SAFETY SUPPLY INC	ROLL UP SIGNS (2-DOUBLE TRANSI	276.07
P92224	00183383	PACIFIC SAFETY SUPPLY INC	FOLDING SIGN STANDS	268.28
P92225	00183343	CLOUD 9 SPORTS LLC	SPORT TEK SHIRTS	234.49
P92094	00183411	TRAFFIC SAFETY SUPPLY	SURFACE MOUNT BASES FOR SIGN P	164.38
P92224	00183383	PACIFIC SAFETY SUPPLY INC	LEFT INSERT	40.73

Org Key: MT2500 - ROW Administration

Accounts Payable Report by GL Key

PO #	Check #	Vendor:	Transaction Description	Check Amount
	00183372	LEYDE, CASEY	MILEAGE EXPENSES	77.76
<i>Org Key: MT3100 - Water Distribution</i>				
P91831	00183374	LN CURTIS & SONS	2-1/2" FIRE HOSE	768.19
<i>Org Key: MT3300 - Water Associated Costs</i>				
	00183428	US BANK CORP PAYMENT SYS	ABC-NV	98.00
P92225	00183343	CLOUD 9 SPORTS LLC	SPORT TEK SHIRTS	63.51
	00183372	LEYDE, CASEY	MILEAGE EXPENSES	38.88
	00183342	CLIFTON, CURTIS	MILEAGE EXPENSES	25.92
<i>Org Key: MT3400 - Sewer Collection</i>				
	00183428	US BANK CORP PAYMENT SYS	TRAFFIC SAFETY STORE	324.47
P92222	00183355	GRAINGER	FLASHLIGHTS	190.99
	00183428	US BANK CORP PAYMENT SYS	FEDEXOFFICE 00051763	122.27
<i>Org Key: MT3500 - Sewer Pumps</i>				
P92121	00183349	FEDEX OFFICE	PUGH CLAIM COPY REQUEST	2,211.13
P92222	00183355	GRAINGER	FLASHLIGHTS	190.99
	00183428	US BANK CORP PAYMENT SYS	OFFICE DEPOT #975	142.34
	00183429	VERIZON WIRELESS	PS 18 & 24 CELLULAR SERVICE	78.04
	00183428	US BANK CORP PAYMENT SYS	THE HOME DEPOT #4704	64.82
<i>Org Key: MT4150 - Support Services - Clearing</i>				
	00183430	VERIZON WIRELESS	MAINT CELLULAR SERVICE	881.20
	00183336	BARNETT, JASON	CDL RENEWAL	102.00
	00183429	VERIZON WIRELESS	MAINT CELLULAR SERVICE	78.04
	00183428	US BANK CORP PAYMENT SYS	INGALLINA'S BOX LUNCH	76.38
	00183428	US BANK CORP PAYMENT SYS	WA DOL LIC & REG 09598	47.75
	00183428	US BANK CORP PAYMENT SYS	SAHARA PIZZA	43.19
	00183428	US BANK CORP PAYMENT SYS	JOHN WILEY & SONS, INC	39.37
	00183428	US BANK CORP PAYMENT SYS	QFC #5819	30.33
P89334	00183348	EPSCA	MONTHLY RADIO ACCESS FEES 1 RA	25.25
	00183428	US BANK CORP PAYMENT SYS	STAPLES 00113365	20.03
	00183428	US BANK CORP PAYMENT SYS	STARBUCKS STORE 03393	17.47
	00183428	US BANK CORP PAYMENT SYS	COSTCO WHSE #0747	16.90
	00183428	US BANK CORP PAYMENT SYS	INGALLINA'S BOX LUNCH	15.27
	00183428	US BANK CORP PAYMENT SYS	AARON BROTHERS270	9.84
	00183428	US BANK CORP PAYMENT SYS	WA DOL09598*SERVICEFEE	2.00
<i>Org Key: MT4200 - Building Services</i>				
	00183428	US BANK CORP PAYMENT SYS	LOWES #00040*	121.45
	00183428	US BANK CORP PAYMENT SYS	ZV MERCHANDISING	42.91
P92200	00183384	PART WORKS INC.	AUGER & HOLLOW CABLE	38.89
	00183428	US BANK CORP PAYMENT SYS	THE HOME DEPOT #4711	33.34
<i>Org Key: MT4210 - Building Landscaping</i>				
P90550	00183400	SIGNATURE LANDSCAPE SERVICES	2016 Landscaping Service for F	2,113.48
P91782	00183400	SIGNATURE LANDSCAPE SERVICES	2016 Landscape maintenance ser	219.00
<i>Org Key: MT4300 - Fleet Services</i>				
P88915	00183368	KIA MOTORS FINANCE	DSG 2016 KIA SOUL LEASE	263.96
	00183428	US BANK CORP PAYMENT SYS	CHEVRON 0356816	94.58

Accounts Payable Report by GL Key

PO #	Check #	Vendor:	Transaction Description	Check Amount
P92220	00183405	SUNDSTROM, ROBERT	Instruction services for Birdi	40.90
	00183428	US BANK CORP PAYMENT SYS	ARCO#82582	31.77
	00183428	US BANK CORP PAYMENT SYS	SHELL OIL 57424192508	14.87
<i>Org Key: MT4450 - Cust Resp - Clearing Acct</i>				
	00183366	KELLEY, CHRIS M	WORK JEANS	201.45
<i>Org Key: MT4502 - Sewer Administration</i>				
P89275	00183369	KING COUNTY FINANCE	MONTHLY SEWER JAN-DEC 2016	370,410.39
<i>Org Key: MTBE01 - Maint of Medians & Planters</i>				
P92210	00183408	T&L NURSERY INC	AUTUMN HANGING BASKETS	2,376.15
<i>Org Key: PO1100 - Administration (PO)</i>				
	00183428	US BANK CORP PAYMENT SYS	NEAK MEDIA LLC	490.00
	00183379	MILLER, TODD DERROID	OFFICE SUPPLIES AUGUST 2016	77.84
	00183428	US BANK CORP PAYMENT SYS	Boot cleaner and shiner	24.82
	00183428	US BANK CORP PAYMENT SYS	Accred supplies	21.88
	00183428	US BANK CORP PAYMENT SYS	SQ *MERCER ISLAND ROTARY	20.00
	00183428	US BANK CORP PAYMENT SYS	SQ *MERCER ISLAND ROTARY	20.00
	00183428	US BANK CORP PAYMENT SYS	Sample uniform from vendor - s	10.20
<i>Org Key: PO1350 - Police Emergency Management</i>				
P89334	00183348	EPSCA	MONTHLY RADIO ACCESS FEES 13 R	328.25
	00183428	US BANK CORP PAYMENT SYS	STAPLES 00114652	72.17
<i>Org Key: PO1600 - Regional Radio Operations (CJ)</i>				
P89334	00183348	EPSCA	MONTHLY RADIO ACCESS FEES 57 R	1,439.25
<i>Org Key: PO1700 - Records and Property</i>				
	00183428	US BANK CORP PAYMENT SYS	Standing desk for Records sect	545.00
P92135	00183439	XEROX CORPORATION	PD Copier	446.72
P92135	00183439	XEROX CORPORATION	Records Copier	207.29
	00183428	US BANK CORP PAYMENT SYS	WAPRO tx-Donnelly	175.00
	00183428	US BANK CORP PAYMENT SYS	Records uniform shirts	128.06
<i>Org Key: PO1800 - Contract Dispatch Police</i>				
P92236	00183434	WASHINGTON STATE PATROL	CPL background checks	59.00
<i>Org Key: PO1900 - Jail/Home Monitoring</i>				
P92134	00183363	ISSAQUAH CITY JAIL	July 2016 Jail Bill	3,977.00
P91980	00183364	KC FINANCE	31 days work release-reimburse	3,255.93
<i>Org Key: PO2100 - Patrol Division</i>				
P92234	00183371	KROESENS UNIFORM COMPANY	Patrol uniforms-Seifert	487.11
P92234	00183371	KROESENS UNIFORM COMPANY	Exterior vest, uniform	479.45
P92234	00183371	KROESENS UNIFORM COMPANY	Vest pouches, uniform pants-Ha	471.75
P92234	00183371	KROESENS UNIFORM COMPANY	Ext carrier, uniform	434.55
P92234	00183371	KROESENS UNIFORM COMPANY	Uniform gear-Rutter	340.68
	00183428	US BANK CORP PAYMENT SYS	Patrol Section Microwave	173.01
P92234	00183371	KROESENS UNIFORM COMPANY	Uniform shirts-Schroeder	130.20
P92234	00183371	KROESENS UNIFORM COMPANY	Academy uniform items-Rutter	113.33
P92234	00183371	KROESENS UNIFORM COMPANY	Vest pouches-Parr	104.02
P92234	00183371	KROESENS UNIFORM COMPANY	Uniform shirts-Robarge	93.02

Accounts Payable Report by GL Key

PO #	Check #	Vendor:	Transaction Description	Check Amount
P92234	00183371	KROESENS UNIFORM COMPANY	Vest pouches	62.42
<i>Org Key: PO2150 - Police Support Officer (CJ)</i>				
	00183428	US BANK CORP PAYMENT SYS	Standing Desk for PSO	445.00
<i>Org Key: PO2200 - Marine Patrol</i>				
P92234	00183371	KROESENS UNIFORM COMPANY	Marine Patrol Uniforms-Jira	315.34
<i>Org Key: PO2400 - Special Operations Team (CJ)</i>				
	00183428	US BANK CORP PAYMENT SYS	Lodging for police bike traini	496.95
	00183428	US BANK CORP PAYMENT SYS	Fuel for Bike Training	33.75
<i>Org Key: PO3100 - Investigation Division</i>				
	00183428	US BANK CORP PAYMENT SYS	Standup desk for Detective Sgt	495.00
P92233	00183409	THOMSON REUTERS - WEST	CIS Intel database	302.00
	00183428	US BANK CORP PAYMENT SYS	Anti-fatigue floor mat	59.49
<i>Org Key: PR1100 - Administration (PR)</i>				
	00183379	MILLER, TODD DERROID	OFFICE SUPPLIES AUGUST 2016	779.36
	00183428	US BANK CORP PAYMENT SYS	COSTCO WHSE #0660	166.48
P89392	00183438	XEROX CORPORATION	2016 Lease Charges for Color	160.26
P89392	00183438	XEROX CORPORATION	Use charges for 7/21/16 to 8/2	151.56
P89333	00183438	XEROX CORPORATION	2016 Lease Charges for Upstair	143.64
	00183428	US BANK CORP PAYMENT SYS	FONTS COM	141.80
	00183428	US BANK CORP PAYMENT SYS	AMAZON.COM	97.77
	00183428	US BANK CORP PAYMENT SYS	PAPER SOURCE ECOMMERCE	71.45
	00183428	US BANK CORP PAYMENT SYS	FONTS COM	42.71
P92239	00183403	SOUND PUBLISHING INC	Ntc: Possible Quorum OSCT 1677	41.74
	00183428	US BANK CORP PAYMENT SYS	ETSY.COM	25.16
P89333	00183438	XEROX CORPORATION	Use charges for 7/22/16 to 8/2	24.92
	00183428	US BANK CORP PAYMENT SYS	COSTCO WHSE #0061	15.99
	00183428	US BANK CORP PAYMENT SYS	SQ *MERCER ISLAND ROTARY	15.00
	00183428	US BANK CORP PAYMENT SYS	SQ *MERCER ISLAND ROTARY	15.00
	00183428	US BANK CORP PAYMENT SYS	SQ *MERCER ISLAND ROTARY	15.00
	00183428	US BANK CORP PAYMENT SYS	SQ *MERCER ISLAND ROTARY	15.00
<i>Org Key: PR1500 - Urban Forest Management</i>				
	00183428	US BANK CORP PAYMENT SYS	THE HOME DEPOT #4711	6.06
<i>Org Key: PR2100 - Recreation Programs</i>				
P92220	00183405	SUNDSTROM, ROBERT	Instruction services for Birdi	512.25
	00183428	US BANK CORP PAYMENT SYS	WAL-MART #5939	38.25
	00183428	US BANK CORP PAYMENT SYS	ROCKAWAY BAR AND GRILL IN	20.94
	00183428	US BANK CORP PAYMENT SYS	SQ *MERCER ISLAND A	15.00
	00183428	US BANK CORP PAYMENT SYS	FACEBK GWX8DAJDP2	10.00
<i>Org Key: PR2101 - Youth and Teen Camps</i>				
	00183428	US BANK CORP PAYMENT SYS	MICHAELS STORES 8403	43.78
	00183428	US BANK CORP PAYMENT SYS	QFC #5806	35.70
	00183428	US BANK CORP PAYMENT SYS	PARTY CITY	35.02
	00183428	US BANK CORP PAYMENT SYS	THE HOME DEPOT #4723	34.31
	00183428	US BANK CORP PAYMENT SYS	THE HOME DEPOT #4723	33.92
	00183428	US BANK CORP PAYMENT SYS	PARTY CITY	27.36

Accounts Payable Report by GL Key

PO #	Check #	Vendor:	Transaction Description	Check Amount
	00183428	US BANK CORP PAYMENT SYS	QFC #5839	17.57
	00183428	US BANK CORP PAYMENT SYS	QFC #5839	11.96
<i>Org Key: PR2103 - Aquatics Programs</i>				
	00183428	US BANK CORP PAYMENT SYS	TARGET 00003392	26.25
<i>Org Key: PR2104 - Special Events</i>				
	00183428	US BANK CORP PAYMENT SYS	GRAND EVENT RENTALS	838.31
	00183428	US BANK CORP PAYMENT SYS	COSTCO.COM *ONLINE	489.77
	00183428	US BANK CORP PAYMENT SYS	TARGET 00003392	369.79
	00183428	US BANK CORP PAYMENT SYS	MICHAELS STORES 8403	183.38
	00183428	US BANK CORP PAYMENT SYS	PARTY CITY	150.91
	00183428	US BANK CORP PAYMENT SYS	QFC #5839	93.01
	00183428	US BANK CORP PAYMENT SYS	WAL-MART #5939	76.22
	00183428	US BANK CORP PAYMENT SYS	R AND R PARTY RENTALS	75.02
	00183428	US BANK CORP PAYMENT SYS	LOWES #00040*	70.08
	00183428	US BANK CORP PAYMENT SYS	CTC*CONSTANTCONTACT.COM	47.23
	00183428	US BANK CORP PAYMENT SYS	BIG 5 SPORTING GOODS 084	41.70
	00183428	US BANK CORP PAYMENT SYS	STARBUCKS STORE 03393	34.93
	00183428	US BANK CORP PAYMENT SYS	QFC #5826	25.15
	00183428	US BANK CORP PAYMENT SYS	QFC #5826	23.63
	00183428	US BANK CORP PAYMENT SYS	LOWES #02420*	22.91
P89715	00183375	M & M BALLOON CO	Helium refills for MICEC	20.81
	00183428	US BANK CORP PAYMENT SYS	C&C SMART FOOD52105590	19.08
	00183428	US BANK CORP PAYMENT SYS	DICK'S SPORTING GOODS	17.48
	00183428	US BANK CORP PAYMENT SYS	TARGET 00003392	16.69
	00183428	US BANK CORP PAYMENT SYS	BIG 5 SPORTING GOODS 084	16.29
	00183428	US BANK CORP PAYMENT SYS	QFC #5839	14.95
	00183428	US BANK CORP PAYMENT SYS	ALBERTSONS STO00004531	13.34
	00183428	US BANK CORP PAYMENT SYS	WALGREENS #3733	11.99
	00183428	US BANK CORP PAYMENT SYS	QFC #5839	8.97
	00183428	US BANK CORP PAYMENT SYS	PARTY CITY	8.74
	00183428	US BANK CORP PAYMENT SYS	PARTY CITY	7.10
	00183428	US BANK CORP PAYMENT SYS	QFC #5839	5.58
	00183428	US BANK CORP PAYMENT SYS	LAKESHORE LEARNING #09	2.68
	00183428	US BANK CORP PAYMENT SYS	TARGET 00003392	2.18
	00183428	US BANK CORP PAYMENT SYS	TARGET 00003392	-22.95
<i>Org Key: PR2108 - Health and Fitness</i>				
	00183428	US BANK CORP PAYMENT SYS	AMAZON.COM AMZN.COM/BILL	96.87
	00183428	US BANK CORP PAYMENT SYS	MAPLEWOOD GOLF COURSE	25.00
	00183428	US BANK CORP PAYMENT SYS	AUBURN GOLF COURSE	18.00
	00183428	US BANK CORP PAYMENT SYS	CITY OF KENT-GOLF COURSE	18.00
<i>Org Key: PR3500 - Senior Services</i>				
	00183407	SYLVETSKY, LESLIE	SENIOR SOCIAL MEALS /SUPPLIES	285.45
	00183428	US BANK CORP PAYMENT SYS	SQ *SHAWN'S CATERING, LLC	201.42
	00183428	US BANK CORP PAYMENT SYS	QFC #5839	91.57
	00183428	US BANK CORP PAYMENT SYS	COSTCO WHSE #0001	51.91
	00183428	US BANK CORP PAYMENT SYS	ISLAND BOOKS	21.24
	00183428	US BANK CORP PAYMENT SYS	MICHAELS STORES 2038	20.82
	00183428	US BANK CORP PAYMENT SYS	USPS 54530695525103128	14.10

Accounts Payable Report by GL Key

PO #	Check #	Vendor:	Transaction Description	Check Amount
	00183428	US BANK CORP PAYMENT SYS	QFC #5839	12.45
	00183428	US BANK CORP PAYMENT SYS	QFC #5839	10.47
	00183428	US BANK CORP PAYMENT SYS	MICHAELS STORES 2038	-8.74
<i>Org Key: PR4100 - Community Center</i>				
P90550	00183400	SIGNATURE LANDSCAPE SERVICES	2016 Landscaping Services for	1,247.61
P92267	00183345	DUNBAR ARMORED	SEPT16 Armored Car Service	487.65
	00183428	US BANK CORP PAYMENT SYS	YLP* YELP ADVERTISING	350.00
P89332	00183438	XEROX CORPORATION	2016 Lease Charges for MICEC C	311.12
P92189	00183362	INDUSTRY SIGN & GRAPHICS	New hours of operation for fro	291.27
P89332	00183438	XEROX CORPORATION	Use charges for 7/21/16 to 8/2	240.56
	00183428	US BANK CORP PAYMENT SYS	CASE PARTS COMPANY	195.59
	00183428	US BANK CORP PAYMENT SYS	WW GRAINGER	72.97
	00183428	US BANK CORP PAYMENT SYS	MICROFIBER WHOLESALE	37.45
	00183379	MILLER, TODD DERROID	OFFICE SUPPLIES AUGUST 2016	13.73
<i>Org Key: PR5400 - Gallery Program</i>				
P89848	00183436	WIBLE, CONNIE M	2016 Gallery Reception Enterta	150.00
<i>Org Key: PR5600 - Cultural & Performing Arts</i>				
P92026	00183396	SEATTLE SHAKESPEARE COMPANY	Wooden O Performance Services	6,000.00
<i>Org Key: PR6100 - Park Maintenance</i>				
P92225	00183343	CLOUD 9 SPORTS LLC	SPORT TEK SHIRTS	313.48
P92331	00183387	PUGET SOUND ENERGY	TEMPORARY SEAFAIR POWER	20.87
<i>Org Key: PR6500 - Luther Burbank Park Maint.</i>				
P92120	00183408	T&L NURSERY INC	20) AUTUMN HANGING BASKETS	1,445.40
P89342	00183341	CINTAS CORPORATION #460	2016 Rug Cleaning Services for	24.64
	00183428	US BANK CORP PAYMENT SYS	LAKESHORE LEARNING #09	8.67
<i>Org Key: PR6700 - I90 Park Maintenance</i>				
P92212	00183347	EASTSIDE EXTERMINATORS	Extermination services for Aub	107.75
P92054	00183355	GRAINGER	6 VOLT LITHIUM BATTERIES	30.07
	00183388	REGAN, SUSAN	BOAT LAUNCH TICKET REFUND	11.00
<i>Org Key: PY4616 - Flex Admin 2016</i>				
	00183392	ROBARGE, JAMES H	FLEX SPEND ACCT REIMB	1,000.00
	00183359	HOLMES, EDWARD J	FLEX SPEND ACCT REIMB	260.00
	00183361	HORSCHMAN, BRENT	FLEX SPEND ACCT REIMB	192.31
	00183394	SANDINE, ASEA	FLEX SPEND ACCT REIMB	192.31
	00183402	SOLOMON, MEARA	FLEX SPEND ACCT REIMB	192.31
	00183412	TUTTLE, LAJUAN	FLEX SPEND ACCT REIMB	28.85
<i>Org Key: WG101S - EOC Dedicated Space</i>				
P92270	00183381	NORTH COAST MOVING &	Historical Society Storage	41.40
<i>Org Key: WG110T - Computer Equip Replacements</i>				
	00183428	US BANK CORP PAYMENT SYS	AMAZON.COM AMZN.COM/BILL	195.98
<i>Org Key: WG130E - Equipment Rental Vehicle Repl</i>				
P92307	00183331	MICHAEL'S TOYOTA OF BELLEVUE	NEW VEHICLE 2016 TOYOTA RAV 4	27,098.91
<i>Org Key: WP122P - Open Space - Pioneer/Engstrom</i>				

Accounts Payable Report by GL Key

PO #	Check #	Vendor:	Transaction Description	Check Amount
P85100	00183346	EARTHCORPS INC	2015-2016 Volunteer Recruitmen	1,145.50
<i>Org Key: WP122R - Vegetation Management</i>				
	00183428	US BANK CORP PAYMENT SYS	WILBUR ELLIS AUBURN	243.36
<i>Org Key: WP720R - Recurring Park Projects</i>				
P92214	00183362	INDUSTRY SIGN & GRAPHICS	MERCERDALE PARK SIGN REDO	859.58
<i>Org Key: WS511R - Sewer Special Catch Basins</i>				
P91901	00183358	HDR ENGINEERING INC	SEWER SPECIAL CATCH BASIN -	5,560.18
P91901	00183358	HDR ENGINEERING INC	SEWER SPECIAL CATCH BASIN -	5,560.18
<i>Org Key: XG500A - Mosaic at LB Playground</i>				
P86736	00183354	GLASS, SANDY	Student mosaic workshops	2,000.00
<i>Org Key: XG701R - Roof Extension for Patrol Veh</i>				
P92182	00183410	TOWN & COUNTRY POST FRAME BLDG	CONSTRUCTION OF POLICE CARPORT	63,864.13
P92181	00183410	TOWN & COUNTRY POST FRAME BLDG	T&M FOR SUPERVISION OF HOLE	804.65
<i>Org Key: YF1100 - YFS General Services</i>				
	00183428	US BANK CORP PAYMENT SYS	WWW.ISTOCK.COM	325.00
P92241	00183373	LITTLE BIT THERAPU RIDING CTR	Enhancement funds for EA (seni	257.00
P92267	00183345	DUNBAR ARMORED	SEPT16 Armored Car Service	245.26
P89392	00183438	XEROX CORPORATION	Use charges for 7/21/16 to 8/2	199.64
P89369	00183438	XEROX CORPORATION	Lease charges for Xerox 255 (L	179.76
P89392	00183438	XEROX CORPORATION	2016 Lease Charges for Color	160.26
	00183379	MILLER, TODD DERROID	OFFICE SUPPLIES AUGUST 2016	158.40
	00183428	US BANK CORP PAYMENT SYS	PREVENTION SPECIALIST CER	100.00
	00183428	US BANK CORP PAYMENT SYS	ISLAND BOOKS	80.00
	00183428	US BANK CORP PAYMENT SYS	STARBUCKS STORE 03330	60.00
P92238	00183435	WASHINGTON STATE PATROL	Background Checks YFS	60.00
	00183428	US BANK CORP PAYMENT SYS	AMAZON MKTPLACE PMTS	35.89
	00183428	US BANK CORP PAYMENT SYS	MICHAELS STORES 8403	32.83
	00183428	US BANK CORP PAYMENT SYS	AUDIBLE	16.37
	00183428	US BANK CORP PAYMENT SYS	AMAZON MKTPLACE PMTS	15.00
	00183428	US BANK CORP PAYMENT SYS	SQ *MERCER ISLAND A	13.00
<i>Org Key: YF1200 - Thrift Shop</i>				
P92243	00183380	NATIONAL BUSINESS SYSTEMS	"Keystroke" software updates a	542.03
P92267	00183345	DUNBAR ARMORED	SEPT16 Armored Car Service	516.31
P90550	00183400	SIGNATURE LANDSCAPE SERVICES	2016 Landscaping Services for	462.64
	00183428	US BANK CORP PAYMENT SYS	IN *USAV SYSTEMS INC.	197.10
	00183428	US BANK CORP PAYMENT SYS	COSTCO WHSE #0001	99.49
	00183428	US BANK CORP PAYMENT SYS	COSTCO WHSE #0001	63.82
	00183428	US BANK CORP PAYMENT SYS	PAYPAL *MCAFEE	55.49
	00183428	US BANK CORP PAYMENT SYS	COSTCO WHSE #0001	54.53
	00183428	US BANK CORP PAYMENT SYS	INSTOCKLABELSCOM	51.48
	00183428	US BANK CORP PAYMENT SYS	STK*SHUTTERSTOCK, INC.	29.00
	00183428	US BANK CORP PAYMENT SYS	STK*SHUTTERSTOCK, INC.	29.00
	00183428	US BANK CORP PAYMENT SYS	USPS 54530602535107903	10.60
<i>Org Key: YF2100 - School/City Partnership</i>				
	00183428	US BANK CORP PAYMENT SYS	AMAZON MKTPLACE PMTS	292.01

Accounts Payable Report by GL Key

PO #	Check #	Vendor:	Transaction Description	Check Amount
	00183428	US BANK CORP PAYMENT SYS	AMAZON MKTPLACE PMTS	149.95
	00183428	US BANK CORP PAYMENT SYS	SOCIAL STUDIES SCH SRV	112.07
	00183428	US BANK CORP PAYMENT SYS	AMAZON MKTPLACE PMTS	106.15
	00183428	US BANK CORP PAYMENT SYS	THE GUIDANCE GROUP, INC.	71.79
	00183428	US BANK CORP PAYMENT SYS	AMAZON MKTPLACE PMTS	32.80
	00183428	US BANK CORP PAYMENT SYS	AMAZON MKTPLACE PMTS	27.29
	00183428	US BANK CORP PAYMENT SYS	AMAZON MKTPLACE PMTS	23.75
	00183428	US BANK CORP PAYMENT SYS	AMAZON MKTPLACE PMTS	18.65
	00183428	US BANK CORP PAYMENT SYS	AMAZON MKTPLACE PMTS	17.80
	00183428	US BANK CORP PAYMENT SYS	AMAZON MKTPLACE PMTS	12.41
	00183428	US BANK CORP PAYMENT SYS	AMAZON MKTPLACE PMTS	12.03
	00183428	US BANK CORP PAYMENT SYS	AMAZON MKTPLACE PMTS	9.44
	00183428	US BANK CORP PAYMENT SYS	AMAZON MKTPLACE PMTS	7.28
	00183428	US BANK CORP PAYMENT SYS	AMAZON MKTPLACE PMTS	5.15
 <i>Org Key: YF2300 - VOICE Program</i>				
	00183428	US BANK CORP PAYMENT SYS	SAI GON SOUL	495.50
	00183428	US BANK CORP PAYMENT SYS	SQ *MERCER ISLAND A	226.66
	00183428	US BANK CORP PAYMENT SYS	PAGLIACCI MAGNOLIA	181.44
	00183428	US BANK CORP PAYMENT SYS	INTERBAY GOLF #720530	136.37
	00183428	US BANK CORP PAYMENT SYS	QFC #5839	71.23
	00183428	US BANK CORP PAYMENT SYS	PAGLIACCI MAGNOLIA	43.23
	00183428	US BANK CORP PAYMENT SYS	UNITED PARKING L 4578	36.63
	00183428	US BANK CORP PAYMENT SYS	UNITED PARKING L 4578	36.63
	00183428	US BANK CORP PAYMENT SYS	U-PARK SYSTEM # 024	15.00
	00183428	US BANK CORP PAYMENT SYS	U-PARK SYSTEM #034	12.00
	00183428	US BANK CORP PAYMENT SYS	QFC #5839	8.74
	00183428	US BANK CORP PAYMENT SYS	REPUBLIC PARKING 30 032	3.00
	00183428	US BANK CORP PAYMENT SYS	REPUBLIC PARKING 30 032	3.00
 <i>Org Key: YF2500 - Family Counseling</i>				
	00183428	US BANK CORP PAYMENT SYS	WPY*ONLINE EVENT BY WELLS	175.00
	00183428	US BANK CORP PAYMENT SYS	WPY*ONLINE EVENT BY WELLS	175.00
 <i>Org Key: YF2600 - Family Assistance</i>				
	00183428	US BANK CORP PAYMENT SYS	WALGREENS #3733	313.11
	00183428	US BANK CORP PAYMENT SYS	ACT*MERCER IS PARKS	-74.00
 <i>Org Key: YF2800 - Fed Drug Free Communities Gran</i>				
	00183428	US BANK CORP PAYMENT SYS	GAME DAY MEDIA	1,200.00
P92242	00183338	BOARD OF REGENTS	Prevention Summit Conference	600.00
	00183428	US BANK CORP PAYMENT SYS	CTC*CONSTANTCONTACT.COM	78.71
	00183428	US BANK CORP PAYMENT SYS	EIG*HOMESTEAD	20.99
Total				617,366.04



**CITY OF MERCER ISLAND
CERTIFICATION OF PAYROLL**

**PAYROLL PERIOD ENDING
PAYROLL DATED**

**9/9/2016
9/16/2016**

I, the undersigned, do hereby certify under penalty of perjury that the materials have been furnished, the services rendered, or the labor performed as described herein, that any advance payment is due and payable pursuant to a contract or is available as an option for full or partial fulfillment of a contractual obligation, and that the claim is a just, due and unpaid obligation against the city of Mercer Island, and that I am authorized to authenticate and certify to said claim.

Charles L. Corder

Finance Director

I, the undersigned, do hereby certify that the City Council has reviewed the documentation supporting claims paid and approved all checks or warrants issued in payment of claims.

Mayor

Date

Description		Amount
ADP Checks	62963126-62963133	\$ 10,875.51
ADP Direct Deposits		\$ 477,767.30
Void/Manual Adjustments		\$ 11,737.24
Tax & Benefit Obligations		\$ 256,629.44
Total Gross Payroll		9/16/16 \$ 757,009.49



CITY OF MERCER ISLAND

PAYROLL SUMMARY

PAYROLL PERIOD ENDING
PAYROLL DATED

9/9/2016
9/16/2016

Net Cash	\$	488,642.81
Net Voids/Manuals	\$	11,737.24
Federal Tax Deposit - Key Bank	\$	90,733.34
Social Security and Medicare Taxes	\$	35,177.64
Medicare Taxes Only (Fire Fighter Employees)	\$	8,349.28
Public Employees Retirement System 1 (PERS 1)	\$	2,040.26
Public Employees Retirement System 2 (PERS 2)	\$	20,793.69
Public Employees Retirement System 3 (PERS 3)	\$	5,344.25
Public Employees Retirement System (PERSJM)	\$	603.36
Public Safety Employees Retirement System (PSERS)	\$	162.06
Law Enforc. & Fire fighters System 2 (LEOFF 2)	\$	24,719.85
Regence & LEOFF Trust - Medical Insurance	\$	15,058.14
Domestic Partner/Overage Dependand - Insurance	\$	1,425.15
Group Health Medical Insurance	\$	1,069.24
Health Care - Flexible Spending Accounts	\$	2,652.57
Dependent Care - Flexible Spending Accounts	\$	2,028.31
United Way	\$	110.00
ICMA Deferred Compensation	\$	26,509.27
Fire 457 Nationwide	\$	7,448.20
Roth - ICMA	\$	50.00
Roth - Nationwide	\$	620.00
401K Deferred Comp	\$	-
Garnishments (Chapter 13)	\$	1,331.00
Child Support	\$	852.57
Mercer Island Employee Associationa	\$	135.00
Cities & Towns/AFSCME Union Dues	\$	2,425.10
Police Union Dues	\$	2,510.20
Fire Union Dues	\$	1,997.26
Fire Union - Supplemental Dues	\$	155.00
Standard - Supplemental Life Insurance	\$	358.30
Unum - Long Term Care Insurance	\$	964.00
AFLAC - Supplemental Insurance Plans	\$	682.15
Coffee Fund	\$	68.00
Transportation	\$	123.00
Miscellaneous	\$	133.25

TOTAL GROSS PAYROLL	\$	757,009.49
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CITY COUNCIL MINUTES REGULAR MEETING SEPTEMBER 19, 2016

CALL TO ORDER & ROLL CALL

Mayor Bruce Bassett called the meeting to order at 5:00 pm in the Council Chambers of City Hall, 9611 SE 36th Street, Mercer Island, Washington.

Mayor Bruce Bassett, Deputy Mayor Debbie Bertlin, and Councilmembers Dan Grausz, Jeff Sanderson, Wendy Weiker, David Wisenteiner, and Benson Wong were present.

AGENDA APPROVAL

It was moved by Weiker; seconded by Bertlin to:

Approve the agenda as presented.

Passed 7-0

FOR: 7 (Bassett, Bertlin, Grausz, Sanderson, Weiker, Wisenteiner, Wong)

EXECUTIVE SESSION

Executive Session #1 to discuss with legal counsel pending or potential litigation pursuant to RCW 42.30.110(1)(i) for 60 minutes.

At 5:01 pm, Mayor Bassett convened Executive Session #1 pursuant to RCW 42.30.110(1)(i) to discuss, with legal counsel, pending or potential litigation for 60 minutes.

At 6:01 pm, Mayor Bassett extended the Executive Session for an additional 15 minutes.

At 6:18 pm, Mayor Bassett adjourned Executive Session #1.

The Regular Meeting reconvened at 6:20 pm.

STUDY SESSION

AB 5215 Small Cell License Agreements

Assistant City Attorney Christina Schuck and Development Service Director Scott Greenberg presented information to the Council regarding Crown Castle's applications to install small cell facilities, on Puget Sound Energy utility poles, in 38 locations throughout the City to address a significant gap in coverage for its client T-Mobile. She spoke about the City and Crown Castle's negotiations regarding a franchise agreement that would allow Crown Castle access to the right-of-way to install small cell facilities.

Representatives from Crown Castle spoke about the significant gaps in T-Mobile's service on Mercer Island and where the small cells would be located to improve that service.

Following questions and discussion, the Council requested additional information regarding the franchise terms and policies and requested another review before first reading of the franchise.

APPEARANCES

Meg Lippert, 4052 94th Ave SE, spoke about MICA's 501(c)(3) status and questioned Councilmember Grausz' legal opinion about MICA being a public organization. She also questioned the fairness to taxpayers of singling out one private entity when others must pay.

Traci Granbois, asked the Council to think about their role in interfering with business competition and whether the results are likely to be beneficial. She spoke about the changes to the City code that MICA has requested, specifically about placing a private development in a public zone.

Tom Acker, noted the improvement in the sound quality of Council meetings on TV; thanked Councilmembers Wisenteiner and Weiker for their genuine dialogue and asking questions at the last Council meeting; believes that communications from the City on NextDoor should be vetted by community members before being posted; requested that the Council vote on whether or not to support ST3; thanked Mayor Bassett for working on Mercer Island dedicated spots at the park-and-ride; asked that a new EIS be issued for ST2 and that the Council conduct a comprehensive traffic engineering study.

Nancy Hewitt-Spaeth, 8320 SE 34th Street, expressed her concerns about getting on and off the Island with the closure of the center lanes. She asked how the Council will protect Island residents' access and mobility during light rail construction.

CONSENT CALENDAR

Payables: \$898,535.21 (09/01/16) & \$508,270.78 (09/12/16)

Recommendation: Certify that the materials or services hereinbefore specified have been received and that all warrant numbers listed are approved for payment.

Payroll: \$753,452.48 (09/02/16)

Recommendation: Certify that the materials or services specified have been received and that all fund warrants are approved for payment.

Minutes: September 6, 2016 Regular Meeting Minutes

Recommendation: Adopt the September 6, 2016 Regular Meeting Meetings as written.

AB 5218 AFSCME 2016-2017 Collective Bargaining Agreement

Recommendation: Authorize the Interim City Manager to sign the AFSCME Collective Bargaining Agreement with the AFSCME Bargaining Unit for the period of January 1, 2016 through December 31, 2017, in substantially the form attached hereto as Exhibit 1.

It was moved by Wong; seconded by Wisenteiner to:

Approve the Consent Calendar and the recommendations contained therein.

Passed 7-0

FOR: 7 (Bassett, Bertlin, Grausz, Sanderson, Weiker, Wisenteiner, Wong)

REGULAR BUSINESS

AB 5216 Mercer Island Library Board Resolution and Charter Update

Parks & Recreation Director Bruce Fletcher presented a Resolution, which would extend the Mercer Island Library Board's charter until December 21, 2018. He stated that the proposed two-year extension allows time for the MILB to transition from a focus on library renovations to a focus on more traditional Library Board agendas to ensure that library services and facilities meet the needs of Mercer Island residents.

Mary Kay Woolsten, MI Library Board Chair, spoke to the Council about what the Board is working on and what they would like to focus on in the future.

It was moved by Sanderson; seconded by Weiker to:

Authorize Resolution No. 1519 to extend the Mercer Island Library Board to sunset on December 31,

2018 as amended.

It was moved by Bertlin; seconded by Grausz to:

Amend Section 2, number 3 of the Charter as follows:

3. **To ensure that any significant proposed changes in Mercer Island Library services and facilities, as determined by the Library Board, are only implemented after input has been provided from Mercer Island residents.**

Motion to Amend Passed 6-1

FOR: 6 (Bassett, Bertlin, Grausz, Sanderson, Wisenteiner, Wong)

AGAINST: 1 (Weiker)

Amended Motion Passed 6-1

FOR: 6 (Bassett, Bertlin, Grausz, Sanderson, Wisenteiner, Wong)

AGAINST: 1 (Weiker)

AB 5214 Residential Development Standards Community Engagement Update

DSG Administrative Services Manager Alison Van Gorp presented the community engagement plan for the residential development standards code update. She spoke about the outreach staff has already done and the key findings from discussions with each Councilmember about their feedback on the Town Center process, as well as ideas for improved public engagement going forward. She reviewed each of the three phases for the Residential Development Standards Update Process and provided a timeline for each phase as follows:

Phase 1: Project Kick Off

Phase 2: Policy Analysis and Recommendations (Planning Commission)

Phase 3: Review and Approval of Code Update (City Council)

She also presented an optional budget allocation which would enable staff to engage consultant resources for meeting facilitation as well as to develop graphics for use in community meetings, Planning Commission discussions, and ultimately inclusion in the updated code as several Councilmember's expressed the importance of these.

Council asked about the timeline and whether it could be compressed. Staff responded that ten months from kick-off to code adoption is needed in order to conduct thorough outreach to all residents and thorough review of the proposed changes by the Planning Commission.

It was moved by Weiker; seconded by Wong to:

Approve the \$21,500 optional budget request, which would be funded by the 2015 General Fund surplus, for graphic development and meeting facilitation for the community engagement plan related to the single family residential development code update.

Passed 6-1

FOR: 6 (Bassett, Bertlin, Grausz, Sanderson, Weiker, Wong)

AGAINST: 1 (Wisenteiner)

AB 5217 I-90 Loss of Mobility Negotiations Status Report

Assistant City Manager Kirsten Taylor presented a draft presentation that staff will be sharing with the community over the next few months regarding Mercer Island I-90 Access & East Link Light Rail Project Update. The presentation covered the historical context of I-90 formal agreements, current negotiation topics, how this affects Island residents, upcoming outreach, and opportunities for the community to give input.

AB 5213 City Council Requests for 2017 Comprehensive Plan Preliminary Docket

Planning Manager Evan Maxim spoke about the recently created process for adding items to the Comprehensive Plan preliminary docket and noted that this is the Council's only opportunity to add items to be studied and debated in 2017.

Following discussion of the telecommunication policies in the Utilities Element, the Council did not place any items on the 2017 preliminary docket.

OTHER BUSINESS

Councilmember Absences

There were no absences.

Planning Schedule

Interim City Manager Bissonnette spoke about upcoming Special Meetings on 9/23, 9/30, and 10/13.

Board Appointments

It was moved by Bertlin; seconded by Weiker to:

Affirm the appointment of Matt Lome to Position #6 (expiring May 2020) on the Arts Council and Tim Ong to Position #3 (expiring December 2016) on the Mercer Island Library Board.

Passed 7-0

FOR: 7 (Bassett, Bertlin, Grausz, Sanderson, Weiker, Wisenteiner, Wong)

Councilmember Reports

Councilmember Wong: thanked the Chamber, MIVAL, and the other sponsors of Art Uncorked for a great event; spoke about a letter regarding the Healthy Youth Initiative; asked Council for a response regarding a SCA PIC request for direction on issues.

Councilmember Weiker: thanked staff for the Island Crest Way paving project; invited all to the YFS Open House on October 2 at Luther Burbank Park; invited all to the Pumpkin Walk hosted by MIPA on October 22 in Pioneer Park.

Councilmember Sanderson: gave kudos to staff on the Island Crest Way paving project.

Deputy Mayor Bertlin: spoke about the upcoming Growth Management Planning Committee meeting.

Councilmember Grausz: spoke about a recent Regional Policy Committee where they discussed the mental illness and drug dependency levy.

Councilmember Wisenteiner: spoke about the recent Utility Board meeting.

Deputy Mayor Bertlin: asked for an update on the intersection of SE 40th Street and 86th Ave SE and an update on the MICA SEPA process estimated timeline.

Mayor Bassett: spoke about the agenda for the Joint Meeting with the School Board on October 13; asked the Council Effectiveness Committee to review the guideline for who comments during Appearances should be directed to and if the chair should enforce the guideline.

EXECUTIVE SESSION

Executive Session #2 to discuss with legal counsel pending or potential litigation pursuant to RCW 42.30.110(1)(i) for 60 minutes.

At 9:15 pm, Mayor Bassett convened Executive Session #2 pursuant to RCW 42.30.110(1)(i) to discuss, with legal counsel, pending or potential litigation for 60 minutes.

At 9:52 pm, Mayor Bassett adjourned Executive Session #2 and the Regular Meeting reconvened.

ADJOURNMENT

The regular meeting adjourned at 9:52 pm.

Bruce Bassett, Mayor

Attest:

Allison Spietz, City Clerk



CITY COUNCIL MINUTES SPECIAL MEETING SEPTEMBER 23, 2016

CALL TO ORDER & ROLL CALL

Mayor Bruce Bassett called the Special Meeting to order at 9:34 am in the Slater Room at the Mercer Island Community and Event Center, 8236 SE 24th Street, Mercer Island, Washington.

Mayor Bruce Bassett, Deputy Mayor Debbie Bertlin, and Councilmembers Dan Grausz, Jeff Sanderson, Wendy Weiker, David Wisenteiner, and Benson Wong were present.

SPECIAL BUSINESS

City Manager Finalist Candidate Interviews with the City Council

Mayor Bassett welcomed the Council and staff and spoke about the agenda for the City Manager interviews. Each candidate introduced themselves.

At 10:15 am the City Council interviewed finalist Candidate A.

EXECUTIVE SESSION

At 11:02 am, Mayor Bassett convened an Executive Session to evaluate the qualifications of an applicant for public employment pursuant to RCW 42.30.110(1)(g) for approximately 15 minutes.

At 11:15 am, Mayor Bassett adjourned the Executive Session and reconvened the Special Meeting.

At 11:15 am the City Council interviewed finalist Candidate B.

EXECUTIVE SESSION

At 12:01 pm, Mayor Bassett convened an Executive Session to evaluate the qualifications of an applicant for public employment pursuant to RCW 42.30.110(1)(g) for approximately 15 minutes.

At 12:15 pm, Mayor Bassett adjourned the Executive Session and reconvened the Special Meeting.

At 12:15 pm the City Council took a break for lunch.

At 1:00 pm the City Council interviewed finalist Candidate C.

EXECUTIVE SESSION

At 1:35 pm, Mayor Bassett convened an Executive Session to evaluate the qualifications of an applicant for public employment pursuant to RCW 42.30.110(1)(g) for approximately 15 minutes.

At 1:45 pm, Mayor Bassett adjourned the Executive Session and reconvened the Special Meeting.

At 2:00 pm the City Council interviewed finalist Candidate D.

EXECUTIVE SESSION

At 3:00 pm, Mayor Bassett convened an Executive Session to evaluate the qualifications of an applicant for public employment pursuant to RCW 42.30.110(1)(g) for approximately 90 minutes.

At 4:15 pm, Mayor Bassett adjourned the Executive Session and reconvened the Special Meeting.

ADJOURNMENT

The Special Meeting was adjourned at 4:15 pm.

Bruce Bassett, Mayor

Attest:

Allison Spietz, City Clerk



**CITY COUNCIL MINUTES
SPECIAL MEETING
SEPTEMBER 27, 2016**

CALL TO ORDER & ROLL CALL

Mayor Bruce Bassett called the Special Meeting to order at 9:00 am at City Hall, 9611 SE 36th Street, Mercer Island, Washington.

Mayor Bruce Bassett and Councilmember Jeff Sanderson (arrived 9:08 am) were present. Deputy Mayor Debbie Bertlin (arrived 9:55 am) and Councilmembers Dan Grausz, Wendy Weiker, David Wisenteiner (departed 10:05 am), and Benson Wong participated by phone.

EXECUTIVE SESSION

At 9:02 am, Mayor Bassett convened an Executive Session pursuant to RCW 42.30.110(1)(i) to discuss with legal counsel pending or potential litigation for approximately 90 minutes.

At 10:30 am, Mayor Bassett adjourned the Executive Session.

ADJOURNMENT

The Special Meeting was adjourned at 10:30 am.

Bruce Bassett, Mayor

Attest:

Karin Roberts, Deputy City Clerk



**BUSINESS OF THE CITY COUNCIL
CITY OF MERCER ISLAND, WA**

**AB 5212
October 4, 2016
Consent Calendar**

**2015 WATER SYSTEM IMPROVEMENTS
PROJECT CLOSE OUT**

Proposed Council Action:
Accept the completed project.

DEPARTMENT OF	Public Works (Rona Lin)
COUNCIL LIAISON	n/a
EXHIBITS	1. Vicinity Map
APPROVED BY CITY MANAGER	

AMOUNT OF EXPENDITURE	\$ 1,642,752
AMOUNT BUDGETED	\$ 2,398,035
APPROPRIATION REQUIRED	\$ 0

SUMMARY

The 2015 Water System Improvements Project was a significant water main replacement project combining two major water projects into one construction project. This project combined water system improvements on Island Crest Way (SE 44th/Merrimount Drive to SE 40th); 85th Ave SE (SE 42nd to SE 40th); 89th Ave SE & 90th Ave SE (SE 41st to SE 40th); and 93rd Ave SE (south of SE 72nd) into a single construction project. See Exhibit 1 for the locations of the project areas.

The City Council awarded the construction contract to Earthwork Enterprises in the amount of \$1,582,001.25 on February 23, 2015, and set the project budget at \$2,398,035. Work started at the end of March and substantial completion was achieved on September 3, 2015.

A single change order, in the amount of \$106,014, was issued to replace 850 linear feet of 14-inch cast iron pipe on Island Crest Way. The water pipe was discovered during construction and was not included during the original design. Upon discovery, this main was exceptionally deep (over 8 feet) making it nearly impossible to connect to and extremely difficult for future maintenance. In total, the project installed over 6,000 linear feet of new water main, 107 water services and 16 fire hydrants.

Even with the addition of the change order, the final cost of construction was \$1,487,470, well below the original contracted amount. Several factors contributed to the overall construction savings, including the efficient planning and modifications of the changes through collaboration between the City, the consultants, and the contractor. This collaboration resulted in field modifications allowing some bid items to be deleted while other bid items used less quantities than the original estimates. Furthermore, combining the two projects together resulted in significant time efficiencies for construction support, inspection, as well as project management. The table below summarizes the actual expenditures as compared to the project budget.

Table 1- Actual Expenditures verses Project Budget

	Project Budget	Actual Expenditure
Construction Cost	\$1,582,001	\$1,381,455
Construction Contingency	\$316,400	\$106,015
Total Construction Cost including Contingency	<u>\$1,898,401</u>	<u>\$1,487,470</u>
Construction Support	\$61,634	\$41,676
Project Management/Maint. Team	\$258,000	\$66,010
Inspection	\$180,000	\$47,596
Total Project Budget- Construction Phase	\$2,398,035	\$1,642,752

Overall the entire project was completed for \$1,642,752. The \$755,283 of unspent budget will remain in the Water Utility Fund.

RECOMMENDATION

Utilities Engineer

MOVE TO: Accept the completed 2015 Water System Improvements project and authorize staff to close out the contract.

City of Mercer Island 2015 WATER SYSTEM IMPROVEMENTS PROJECT Vicinity Map

 PROJECT AREAS





**BUSINESS OF THE CITY COUNCIL
CITY OF MERCER ISLAND, WA**

**AB 5221
October 4, 2016
Regular Business**

**2017-2018 PRELIMINARY BUDGET
PRESENTATION & DISTRIBUTION**

Proposed Council Action:

Receive 2017-2018 Preliminary Budget. No action required

DEPARTMENT OF Finance (Chip Corder)

COUNCIL LIAISON n/a

EXHIBITS n/a

APPROVED BY CITY MANAGER

AMOUNT OF EXPENDITURE	\$	n/a
AMOUNT BUDGETED	\$	n/a
APPROPRIATION REQUIRED	\$	n/a

SUMMARY

Under Washington State law and according to City of Mercer Island practice, the City Manager delivers a balanced budget to the City Council every two years for review and approval. This action begins the formal budget review process that will culminate in City Council adoption of the 2017-2018 Budget, as well as accompanying ordinances setting property taxes and utility rates for 2017.

On Tuesday night, the Assistant City Manager/Finance Director will present an overview of the Budget Message (Section B), which is broken into two sub-sections: 1) City Manager’s Message; and 2) Executive Summary. The City Manager’s Message focuses on the budget issues in the 2017-2018 biennium, the options for addressing them, and the recommended plan of action. Specifically, the following are addressed:

- General Fund deficits
- Youth & Family Services Fund deficits
- Other operating funding needs
- Unfunded or partially funded capital projects
- Operating funding & capital funding options
- Recommended path forward

The Executive Summary is focused on the major components of the 2017-2018 Preliminary Budget, providing useful summary level information and delving into the “driving” details within each major component:

- General Fund
- Criminal Justice Fund
- Beautification Fund

- Youth & Family Services Fund
- 2017-2018 proposed utility rates
- 2017-2018 Capital Improvement Program (CIP)

Together, the City Manager’s Message and the Executive Summary boil down the 2017-2018 Preliminary Budget to what is most relevant for the City Council in its review and adoption roles. All subsequent sections in the budget document provide the underlying details, if the City Council wants to “drill down” on something in particular (e.g. a specific capital project).

The 2017-2018 Preliminary Budget review calendar is provided below.

Date	Agenda Item / Council Action
Oct 4	Budget Overview Presentation <ul style="list-style-type: none"> ▪ Distribute budget document to Council
Oct 17	Operating Budget Review <ul style="list-style-type: none"> ▪ Review selected funds: <ul style="list-style-type: none"> ▫ General Fund (the City’s largest operating fund) ▫ Criminal Justice Fund ▫ Beautification Fund ▫ Youth & Family Services Fund ▫ Equipment Rental Fund ▫ Utility Funds (Water, Sewer, and Storm Water) ▪ Focus on the following for each fund: <ul style="list-style-type: none"> ▫ Major revenue estimates & new/enhanced revenues ▫ Expenditure summary ▫ Operating Budget Analysis (1-2 page expenditure summary) ▫ Significant budget policy changes/issues ▫ Service Reduction & Enhancement Packages
Nov 7	CIP Review <ul style="list-style-type: none"> ▪ Review updated REET forecast ▪ Review changes to CIP “Preview” by Council & staff ▪ Review projects by exception ▪ Review 6 year fund statements, focusing on fund balance
Nov 21	Council Action Required <ul style="list-style-type: none"> ▪ Finalize changes to operating budget and CIP ▪ Adopt 2017 utility rates (water, sewer, storm water, EMS) ▪ Adopt 2017 property tax levy
Dec 5	Council Action Required <ul style="list-style-type: none"> ▪ Adopt 2017-2018 Final Budget ordinance

On October 17, staff will focus primarily on the following budget document sections:

- Recap by Fund (Section E): for selected funds noted above
- Revenue Sources (Section D): for selected funds noted above
- Service Requests & Reductions (Section H)

The Council will mostly likely find the Operating Budget Analysis for each fund in Section E to be the most useful budget review tool (i.e. it's not too high level, it's not too detailed, it's just right). If interested, there is a more detailed Operating Budget Analysis for each department presented in Section F (Operating Budget by Department). In addition, the Council will want to carefully review the one-time and ongoing service package requests and the one service reduction in Section H.

On November 7, staff will focus on the Capital Improvement Program (Section G).

RECOMMENDATION

Assistant City Manager/Finance Director

Receive 2017-2018 Preliminary Budget. No action required.



**BUSINESS OF THE CITY COUNCIL
CITY OF MERCER ISLAND, WA**

**AB 5220
October 4, 2016
Regular Business**

**CROWN CASTLE SMALL CELL FRANCHISE
FOLLOW-UP**

Proposed Council Action:

Provide policy direction to guide terms of franchise agreement.

DEPARTMENT OF

City Attorney (Kari Sand & Christina Schuck)

COUNCIL LIAISON

n/a

EXHIBITS

1. Map of Proposed Small Cell Sites
2. Representative Sample of Proposed Small Cell Sites
3. Examples of Design Requirements

APPROVED BY CITY MANAGER

AMOUNT OF EXPENDITURE	\$	n/a
AMOUNT BUDGETED	\$	n/a
APPROPRIATION REQUIRED	\$	n/a

SUMMARY

BACKGROUND

On June 3, 2016, the Busch Law Firm, representing Crown Castle, LLC (“Crown Castle”), submitted applications to install small cell facilities, on Puget Sound Energy (“PSE”) utility poles within the City’s right-of-way in locations throughout the City. Crown Castle is a telecommunications infrastructure company that designs, develops, operates, upgrades, maintains and owns fiber-fed small cell networks. State law allows cities to grant access to the public right-of-way through a non-exclusive franchise agreement.

On September 19, 2016, the City held a study session with representatives from Crown Castle. See AB 5215. At the study session, staff presented the Council with information on the law governing the siting of wireless facilities, including small cells. Crown Castle representatives provided the Council with an overview of small cell technology. Small cells are low-powered and low profile wireless network base stations that typically cover targeted indoor or localized outdoor areas. Because of their size, small cells can be placed on existing structures, such as utility poles, and are conducive to stealth measures, so that the enclosures blend with the structures on which they are installed. The deployment of small cells is widely expected to increase over the next few years.

Crown Castle, on behalf of T-Mobile, plans to install two small cell networks (Mercer Island North and Mercer Island South) in five clusters to provide telecommunications services in areas where there are significant gaps in service (in both coverage and capacity). See Exhibit 1. Crown Castle’s small cells include individual nodes where small antennas are incorporated onto existing vertical structures (PSE utility

poles) in the right-of-way. Crown Castle's proposed 39 nodes¹ will work as interconnected collocation systems to deliver the needed coverage and capacity. All nodes will be connected by fiber optic cables and will distribute T-Mobile's wireless communication signals through the low power, low profile antennas installed at each node. Each node will consist of: (1) a low profile antenna, (2) low profile equipment and (3) fiber optic cables. A representative sample of proposed sites is included as Exhibit 2.

TELECOMMUNICATIONS FRANCHISES IN WASHINGTON

In 2000, the Washington State Legislature passed ESSB 6676 in response to the federal Telecommunications Act of 1996 and after several years of negotiations between local government and the telecommunications industry. ESSB 6676 is codified in chapter 35.99 RCW and RCW 35.21.860. This law allows cities to require "service providers" to obtain a franchise agreement to use the city's right-of-way. RCW 35.99.020; RCW 35.99.030. A service provider is defined to include a company or corporation providing telecommunications service to the general public. RCW 35.99.010(6). Although ESSB 6676 prohibits cities from imposing franchise fees, it does allow cities to recover the administrative costs connected with the franchise agreement and issuance of any permits. RCW 35.21.860. The City will be pursuing reimbursement for these costs in accordance with state law.

FRANCHISE AGREEMENT POLICY QUESTIONS

City staff has started negotiating with Crown Castle to develop a proposed franchise agreement. As a starting point for this negotiation, staff reviewed small cell and telecommunication franchise agreements throughout the United States and within Washington State. Before presenting a proposed franchise agreement to Council, staff seeks direction regarding what the small cell sites should look like, what the approval process for additional sites should entail and how many sites are allowed on one utility pole or within a defined area.

Aesthetic Requirements

Staff will include language within the franchise agreement requiring small cells to be concealed or enclosed as much as possible in an equipment box, cabinet, or other unit. External cables and wires hanging off a pole must also be sheathed or enclosed in a conduit, so that wires are protected and not visible or visually minimized to the extent possible.

Staff seeks direction on what additional aesthetic requirements Council would like to be included within the franchise agreement. For example, the City could require that the equipment be painted to match the pole, and/or flush mounted to the pole. The franchise agreement could also place a cubic feet limit on wireless facilities within a specified area. This limit would allow the City to deny a request for a proposed small cell site location that exceeds this limit. Council can also specify where small cell equipment is allowed on the poles—on the top and/or within the "communications space." Another way to control the aesthetics is to identify approved configurations and equipment specifications. An example of this is attached as Exhibit 3.

Questions for Council:

- What stealthing requirements should be included?
 - Colors
 - Flush mounting
- Should the franchise limit the amount (cubic feet) of small cell equipment within a specified area?
- Should the franchise limit where the small cell equipment can be placed upon utility poles (pole-top and/or "communications space")?
- Should the franchise authorize specific designs and dimensions for the small cell equipment?

¹ Crown Castle's initial plans included 39 nodes; however, one location was determined not to be on City right-of-way. Since the study session, Crown Castle has found a location within the right-of-way to locate the 39th node.

Future Approval of Additional Small Cells on the Same Network

Crown Castle is currently proposing 39 small cell sites for this franchise agreement. It is likely that in the future Crown Castle will ask the City to authorize the installation of additional sites, either for T-Mobile's network or for a different carrier. One approach is to strictly limit the franchise agreement to the currently proposed 39 sites, and any additional sites would require Council approval with a franchise amendment. Another approach is to allow the administrative approval of additional sites that meet specified design and location criteria or a "form factor." For example, the franchise agreement could license up to 50 small cell sites that meet the form factor. Staff would be responsible for approving or denying additional sites based upon these criteria. A proposal to install additional sites beyond the limit approved would require a franchise amendment to be approved by Council. Each approach has advantages and disadvantages. Allowing for administrative approval of additional sites gives Crown Castle more flexibility in meeting customer's needs and improving its network and coverage. It also minimizes staff and Council time and may provide a faster path to improved wireless services within the City. In contrast, requiring a franchise amendment gives Council more control over the deployment of small cells, within the confines of federal law.

Questions for Council:

- Should the franchise agreement allow for the administrative approval of additional sites?
 - If so, should this be limited to a particular number of sites?
 - If so, what criteria should be used?

Co-location vs. Next Feasible Pole

The franchise agreement can also control what the installation of additional sites looks like. Specifically, if another carrier wants to install antennas on Crown Castle's fiber optic network, the franchise agreement could require that additional antennas be installed (co-located) on the same pole, resulting in fewer sites and more equipment volume per site. Alternatively, the additional antennas could be installed on the next feasible pole taking into consideration aesthetics, structural suitability, coverage objectives, etc.

Question for Council:

- Should additional sites and related equipment be co-located on the same pole or on the next feasible pole?

NEXT STEPS

Staff will use this policy direction to continue negotiating with Crown Castle in order to bring a proposed franchise agreement forward for first reading on November 21, 2016.

RECOMMENDATION

City Attorney & Assistant City Attorney

Provide policy direction to staff regarding small cell franchise agreement terms.

LEGEND



UTILITY POLE

MIN 04

MIN 03

MIN 07

MIN 05

MIN 06

MIN 14

MIN 13

MIN 02

MIN 01

MIN 11

MIN 09

MIN 15

MIN 08

MIN 12

MIN 10

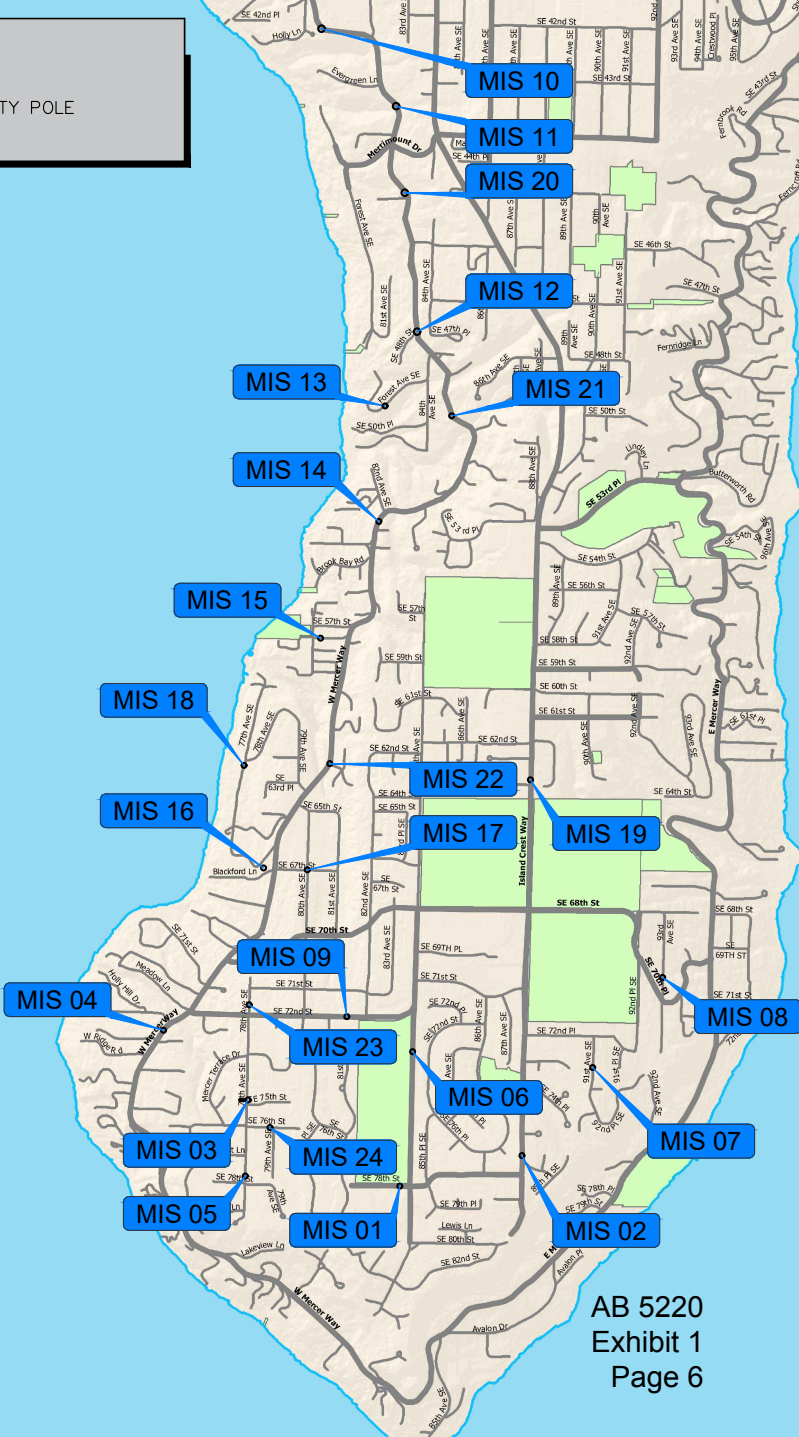
AB 5220
Exhibit 1
Page 5



LEGEND

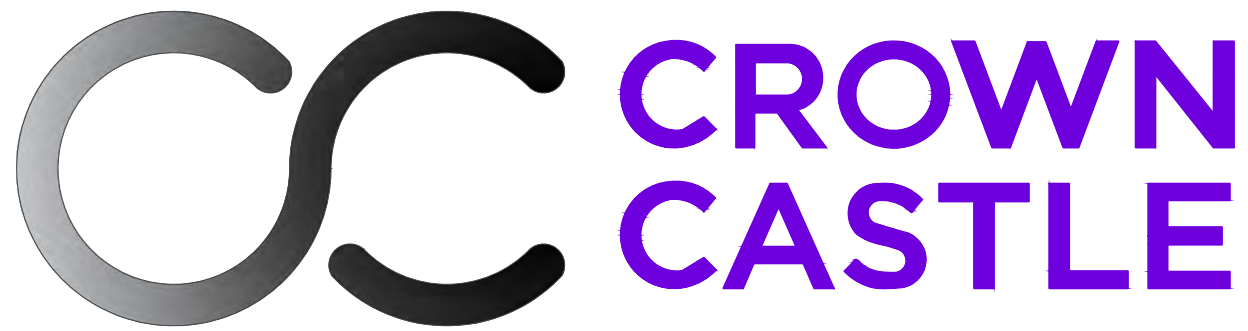
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UTILITY POLE



AB 5220
Exhibit 1
Page 6





REPRESENTATIVE POLE
TOP INSTALLATION **WA-CLEC, LLC**

MERCER ISLAND
SMALL CELL SOLUTION
MIN 01

ZONING DRAWINGS



Engineering Firm:
WYCO
FIELD SERVICES
WHERE QUALITY STILL COUNTS
6390 E. 49th Avenue
Commerce City, CO 80020
www.WYCOFS.com

Engineer Seal:

AB 5220
Exhibit 2
Page 7

Revision:	Drawn By:	CK'd By:	Date:
C	WA	GW	4/12/16

Issued For:
Zoning Drawings

Project:
MERCER ISLAND
SMALL CELL SOLUTION

Node:
MIN 01

Street Address:
**2907 70th Ave SE
Mercer Island, WA 98040
Pole ID: 221635-165211**

Coordinates (NAD 84):
**LATITUDE: 47.58433881
LONGITUDE: -122.24524**

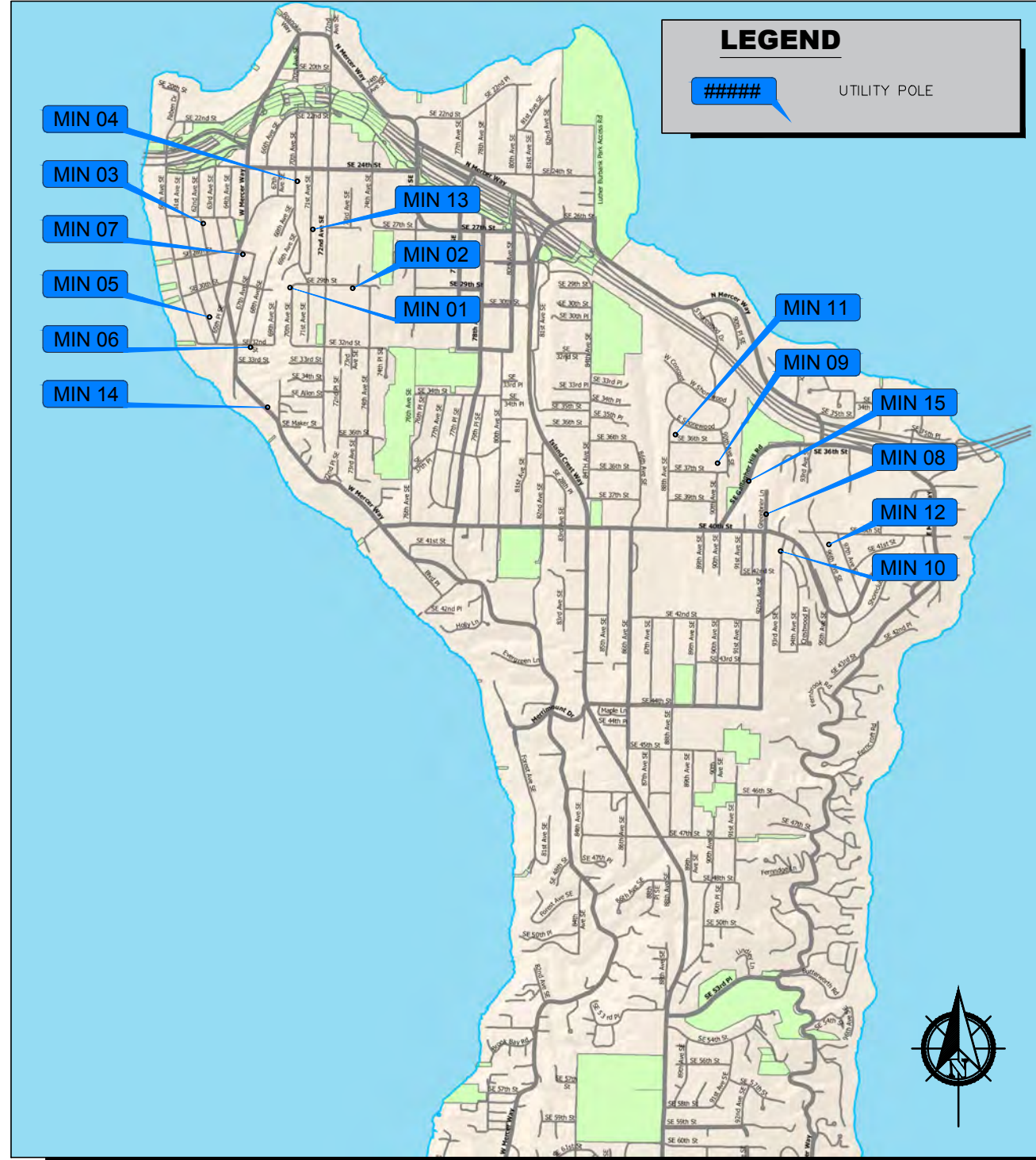
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(11"x17") OR (22"x34") PAPER. ALL SCALES
LISTED AS INTENDED.

Sheet Title:
TITLE SHEET

Sheet Number:
ZD-1

NODE INFORMATION	
NODE:	MIN 01
ADDRESS:	2907 70TH AVE SE
CITY, STATE, ZIP:	MERCER ISLAND, WA 98040
POLE ID:	221635-165211
EXISTING POLE HEIGHT:	38'-6"
PROPOSED POLE HEIGHT:	46'-1"

DRAWING INDEX	
ZD-1	TITLE SHEET (COVER)
ZD-2	SIMULATION
ZD-3	SITE PLAN
ZD-4	ENLARGED GROUND DESIGN & POLE ELEV.
ZD-5	EQUIPMENT SPECIFICATIONS



PROJECT INFORMATION	
PROJECT NAME:	MERCER ISLAND SMALL CELL SOLUTION
DESIGN TYPE:	SMALL CELL SOLUTION
AUTHORITY HAVING JURISDICTION (AHJ):	MERCER ISLAND
COUNTY:	KING COUNTY
STATE:	WASHINGTON
UTILITY COMPANY:	PUGET SOUND ENERGY
OCCUPANCY:	N/A UNMANNED COMMUNICATIONS FACILITY
CONSTRUCTION TYPE:	TYPE V-B
FULLY SPRINKLED:	NOT REQUIRED
A.D.A. COMPLIANCE:	THIS FACILITY IS UNMANNED AND NOT INTENDED FOR HABITATION
GOVERNING CODES:	INTERNATIONAL BUILDING CODE W/ AMEND. [2012] WASHINGTON CITIES ELECTRICAL CODE [CURRENT] TIA 222 REVISION G. [2009]

CONTACT INFORMATION	
CONSTR. MNGR:	ENGINEERING FIRM:
WA-CLEC, LLC (CROWN CASTLE)	WYCO FIELD SERVICES, LLC
CONTACT: PHIL REAGAN	CONTACT: GARY WALLENBERG
PHONE: (425) 354-0043	PHONE: (480) 245-8205
EMAIL: philip.reagan@crowncastle.com	EMAIL: gwallenberg@wycofs.com
PROJECT MGR:	SURVEYOR:
WA-CLEC, LLC (CROWN CASTLE)	SURVEYOR T.B.D.
CONTACT: MARCUS HAILEY	CONTACT: T.B.D.
PHONE: (206) 336-7399	PHONE: T.B.D.
EMAIL: marcus.hailey@crowncastle.com	EMAIL: T.B.D.

APPROVALS / SIGNATURES	
PROJECT MANAGER:	
CITY REPRESENTATIVE:	
CROWN PROJECT MANAGER:	
COUNTY REPRESENTATIVE:	
CUSTOMER REPRESENTATIVE:	
PSE FIELD INSPECTOR:	

CAUTION
FOREIGN UTILITY LOCATIONS ARE APPROXIMATE.
IT IS THE CONSTRUCTION CONTRACTOR'S
RESPONSIBILITY TO CONTACT THE LOCAL ONE CALL
AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR
EXACT UTILITY LOCATIONS AT:
1-800-424-5555 (or 811)





1 EXISTING VIEW OF SITE



2 PROPOSED VIEW OF SITE



WA-CLEC, LLC

Engineering Firm:



WHERE QUALITY STILL COUNTS
6390 E. 49th Avenue
Commerce City, CO 80020
www.WYCOFS.com

Engineer Seal:

AB 5220
Exhibit 2
Page 8

Revision:	Drawn By:	CK'd By:	Date:
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SMALL CELL SOLUTION

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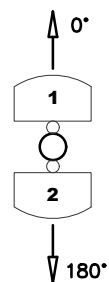
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Sheet Title:
SIMULATION

Sheet Number:
ZD-2

ANTENNA AZIMUTH ORIENTATION

ANT #	MANUF.	MODEL	QTY	AZIMUTH
1	AMPHENOL	HTXCWW631114	1	0°
2	AMPHENOL	HTXCWW631114	1	180°

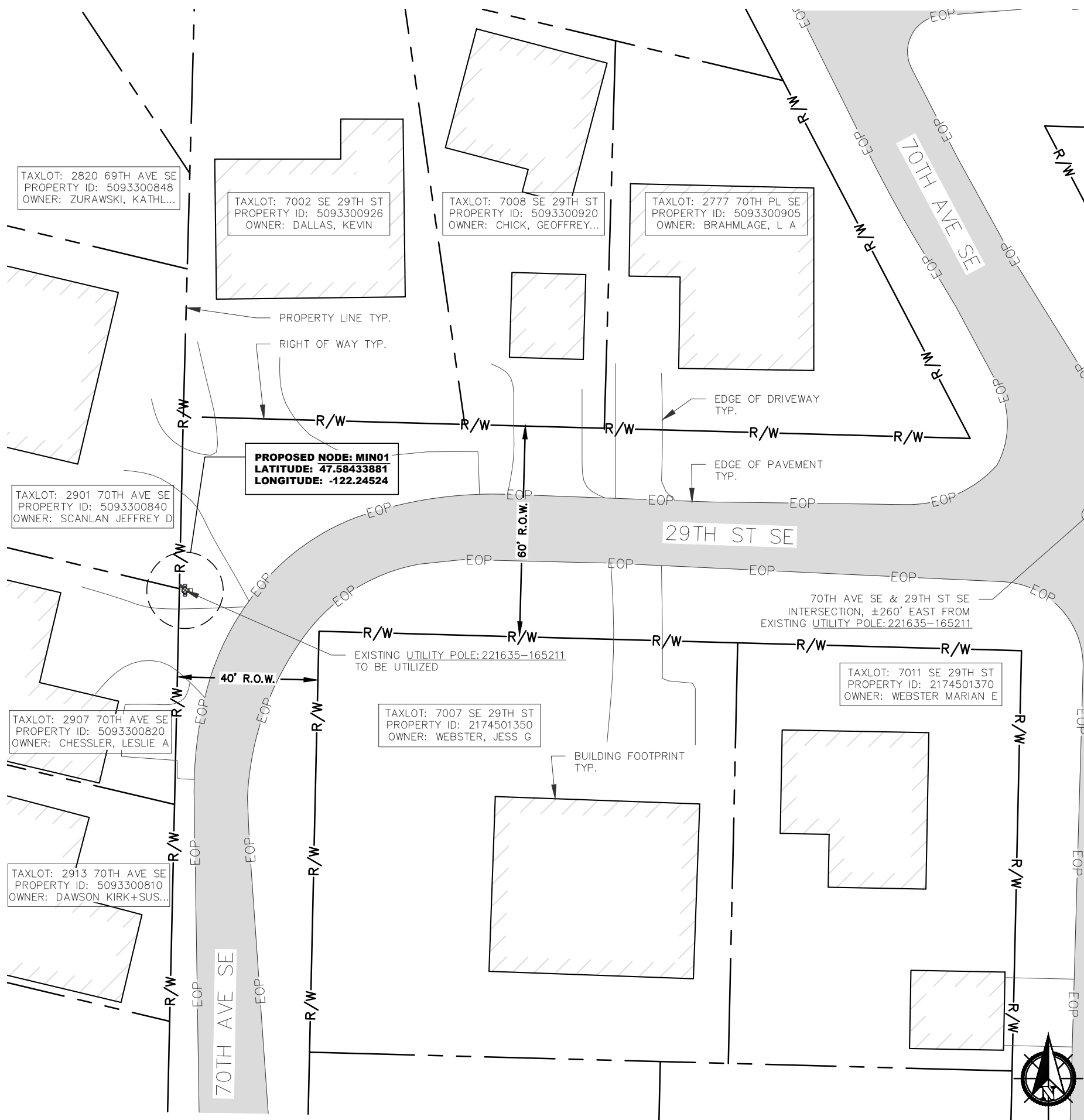


NOTES:

- FIBER & POWER LINES ARE FOR REFERENCE ONLY. REFER TO FIBER DESIGN DRAWINGS FOR ACTUAL PLACEMENT AND DETAILS.
- PULLBOXES ARE SHOWN FOR GENERAL LOCATION ONLY. ACTUAL LOCATION TO BE FIELD LOCATED AND SITUATED TO AVOID ANY IMPENDING SITE FEATURES, SUCH AS ROCKS, TREES, LANDSCAPING, FENCE POSTS, SIGNAGE, ETC. WHEN APPLICABLE.

SITE WORK GENERAL NOTES:

- THE CONTRACTOR SHALL COMPLETE A FULL UTILITY LOCATE SERVICE PRIOR TO THE START OF CONSTRUCTION.
- ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC, IRRIGATION, AND OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK SHALL BE PROTECTED AT ALL TIMES. WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, UTILITIES SHALL BE RELOCATED AS DIRECTED BY CONTRACTOR. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATING OR DRILLING PIERS AROUND OR NEAR UTILITIES WHEN APPLICABLE.
- CONTRACTOR AND SUB-CONTRACTORS SHALL VERIFY ALL UTILITY SERVICE CONNECTION LOCATIONS AND VERIFY ALL DIMENSIONS AND NOTES PRIOR TO PROCEEDING WITH WORK.
- IF NECESSARY, RUBBISH, STUMPS, DEBRIS, STICKS, STONES AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY.
- ALL SURFACE REPAIRS SHALL MEET AHJ REQUIREMENTS.
- THE CONTRACTOR SHALL COORDINATE LOCATION OF POLE AND EQUIPMENT WITH THE SURVEYOR OF RECORD PRIOR TO COMMENCING WORK. ALL NEW POLE INSTALLATIONS SHALL BE 2' MIN. FROM EXISTING SIDEWALKS TO MEET AHJ REQUIREMENTS.
- THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE EQUIPMENT AND TELECOMMUNICATIONS AREAS, IF APPLICABLE.
- NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUND, NOR SHALL ANY FROZEN MATERIALS, SNOW OR ICE BE PLACED IN FILL OR EMBANKMENT. THE SUB GRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO FINISHED SURFACE APPLICATION.
- OPEN EXCAVATIONS, SHALL BE BARRICADED AND SIGNED. NO OPEN EXCAVATIONS WILL BE LEFT ACCESSIBLE TO THE PUBLIC OR LEFT EXPOSED OVER NIGHT.
- SUBCONTRACTOR SHALL MINIMIZE DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION. ALL DISTURBED LANDSCAPING SHALL BE REPLACED, RESEED, AND REGROWN TO MATCH THE ORIGINAL CONDITION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE LOCAL GUIDELINES FOR EROSION AND SEDIMENT CONTROL.
- ALL WORK IS BEING PERFORMED IN THE RIGHT-OF-WAY. VERIFY ALL R.O.W. LINES, EQUIPMENT LOCATION AND INSTALLATIONS WITH SURVEYED DATA. NO MATERIALS SHALL BE STORED ON PRIVATE PROPERTY.
- LANE CLOSURES OR OBSTRUCTIONS SHALL BE COORDINATED WITH THE AHJ.
- TEMPORARY LIGHTING WILL BE COORDINATED WITH THE AHJ AND PSE PROVIDED WHENEVER EXISTING LIGHTING IS REMOVED OR UNAVAILABLE AS REQUIRED.



WA-CLEC, LLC

Engineering Firm:

WHERE QUALITY STILL COUNTS
6390 E. 49th Avenue
Commerce City, CO 80020
www.WYCOFS.com

Engineer Seal:

AB 5220
Exhibit 2
Page 9

Revision:	Drawn By:	CK'd By:	Date:
C	WA	GW	4/12/16

Issued For:
Zoning Drawings

Project:
MERCER ISLAND
SMALL CELL SOLUTION

Node:
MIN 01

Street Address:
**2907 70th Ave SE
Mercer Island, WA 98040
Pole ID: 221635-165211**

Coordinates (NAD 84):
**LATITUDE: 47.58433881
LONGITUDE: -122.24524**

Paper Size & Scales:
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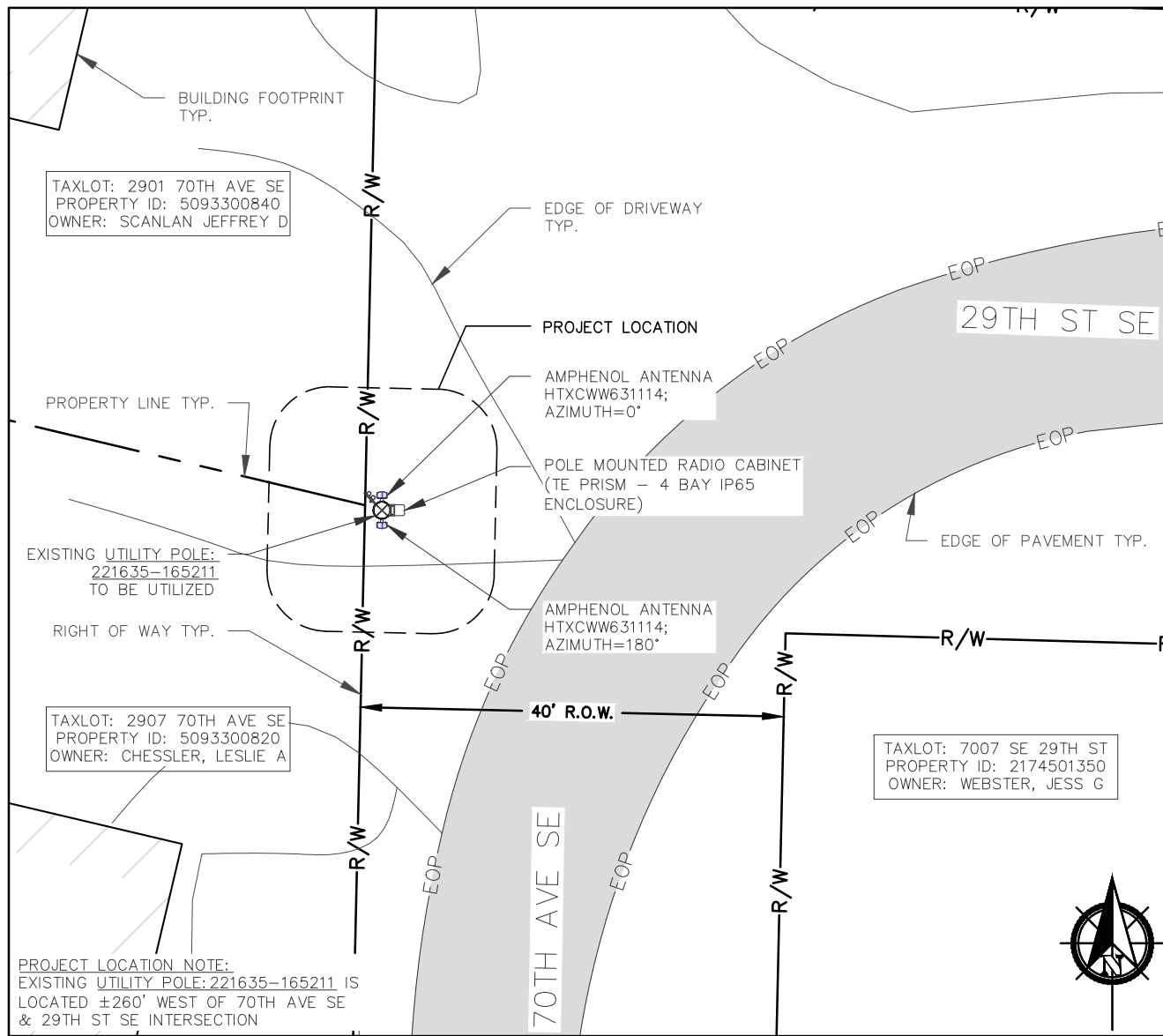
Sheet Title:

SITE PLAN

Sheet Number:

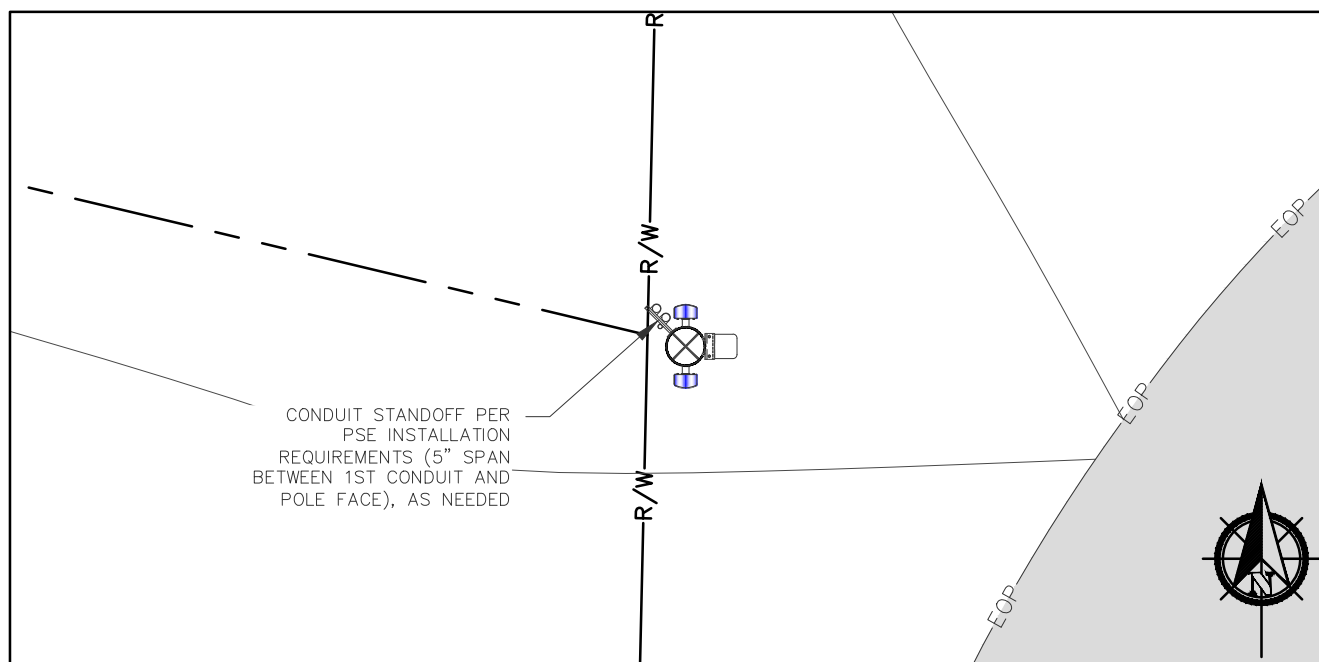
ZD-3

SCALE:
1/32"=1'



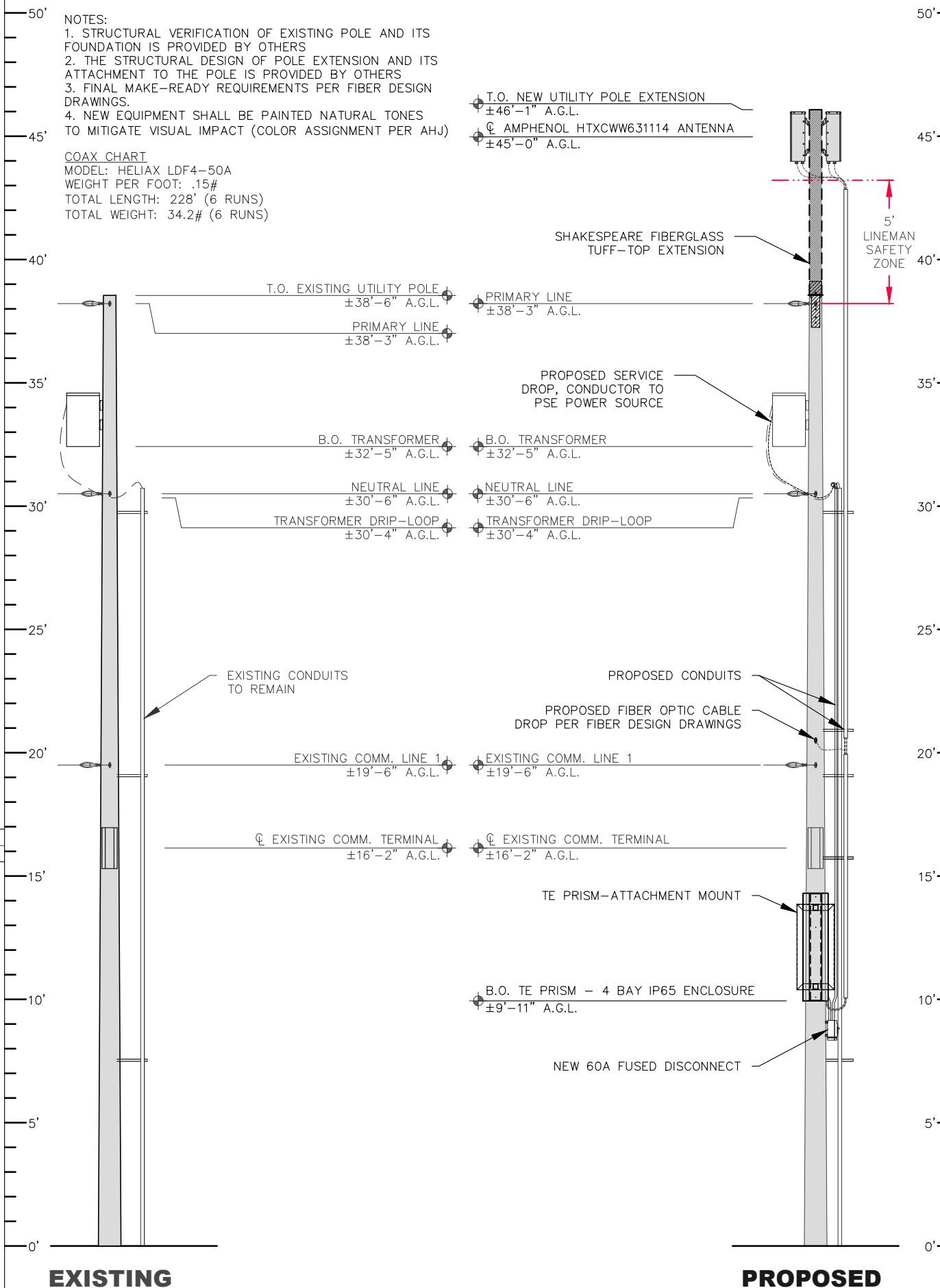
1 ENLARGED GROUND DESIGN

SCALE: 1/16"=1'



2 CONDUIT ROUTING & SPACING

SCALE: 1/8"=1'



NOTES:
 1. STRUCTURAL VERIFICATION OF EXISTING POLE AND ITS FOUNDATION IS PROVIDED BY OTHERS
 2. THE STRUCTURAL DESIGN OF POLE EXTENSION AND ITS ATTACHMENT TO THE POLE IS PROVIDED BY OTHERS
 3. FINAL MAKE-READY REQUIREMENTS PER FIBER DESIGN DRAWINGS.
 4. NEW EQUIPMENT SHALL BE PAINTED NATURAL TONES TO MITIGATE VISUAL IMPACT (COLOR ASSIGNMENT PER AHJ)

COAX CHART
 MODEL: HELIAX LDF4-50A
 WEIGHT PER FOOT: .15#
 TOTAL LENGTH: 228' (6 RUNS)
 TOTAL WEIGHT: 34.2# (6 RUNS)

EXISTING

PROPOSED

3 POLE ELEVATION - EAST

SCALE: 3/16"=1'

CROWN CASTLE
 WA-CLEC, LLC
 Engineering Firm:
WYCO
FIELD SERVICES
 WHERE QUALITY STILL COUNTS
 6390 E. 49th Avenue
 Commerce City, CO 80020
 www.WYCOFS.com

Engineer Seal:
 AB 5220
 Exhibit 2
 Page 10

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Sheet Title:
ENLARGED GROUND DESIGN & POLE ELEVATION

Sheet Number:
ZD-4

FlexWave Prism

Flexible Outdoor Wireless Coverage and Capacity

REMOTE UNIT ENVIRONMENTAL SPECIFICATIONS

Outside Ambient

Temp Rating: -40° C to +50° C (-40° F to +122° F)

Storage Temperature: -40° C to +70° C (-40° F to +158° F)

Humidity: 10% to 90% non-condensing

Lightning Protection: 20kA IEC 1000-45 8/30 μs Waveform

Remote Unit

Enclosure: IP-65, (Fan IP-55)

Mounting: Wall, Pole, Inside Pole, and Vault

Cooling: Fan (external only)

Optical Connectors: Sealed HMFOC (Multi-fiber connector - 8 fibers) or pass-through

Dimensions:

	Dimensions (H x W x D)			Weight (Chassis Only)	Weight (With RF Modules)	Volume
Single-Band	25.2"	12.2"	11.2"	65 lbs.	83 lbs.	1.56 cubic ft
	64 cm	30.99 cm	28.45 cm	29 kg	38 kg	.044 cubic M
Dual-Band	33.2"	12.2"	11.2"	81 lbs.	117 lbs.	2.10 cubic ft
	84.33 cm	30.99 cm	28.45 cm	37 kg	53 kg	.059 cubic M
Tri-Band	41.2"	12.2"	11.2"	97 lbs.	151 lbs.	2.64 cubic ft
	104.65 cm	30.99 cm	28.45 cm	44 kg	68 kg	.075 cubic M
Quad-Band	52.4"	12.2"	11.2"	116 lbs.	188 lbs.	3.40 cubic ft
	133.10 cm	30.99 cm	28.45 cm	53 kg	85 kg	.096 cubic M

Host Unit

Mounting: 19-inch rack

Dimensions (H x W x D): 5.25" x 19" x 8.43" (13.34 cm x 48.26 cm x 21.41 cm) (3 RUs)

Weight: <25 Pounds (<11 kg)

Remote Unit Power Requirements

Power Supply: 100-240 VAC, 50-60 Hz

48 VDC (OPTIONAL)

Battery Backup: Yes (optional external UPS)

Host Unit Power Requirements

Power Source: 21 to 60 VDC

Element Management

Embedded EMS: Yes

SNMP Based Management: Yes

Note: Unless noted otherwise specifications are typical and subject to change Fully Populated.



The Remote Unit may be field upgraded and serviced.

www.te.com/WirelessSolutions 1-800-366-3891 10/13 106969AE



MANUF.: TE CONNECTIVITY
MODEL: PRISM
WEIGHT: 116 LBS
WEIGHT: 188 LBS W/ MODULES

The Remote Units are available in single, dual, tri and quad band sizes to support up to four bands.



696-960 / 1710-2170 / 1710-2170 MHz

HTXCWW63111414Fxy0

Tri Band | FET Panel | XXX-Pol | 65° / 65° / 65° | 11.0 / 14.0 / 14.0 dBi | Fixed Tilt

- Tri band, fixed tilt panel antenna, 6 connectors
- Wide band performance
- Ideal solution for Small Cell applications

Ordering Options

When ordering, replace "x" in the model number with the desired low band electrical downtilt and "y" with the desired high band electrical downtilt (same tilt for both high bands). Tilt options are shown below under Electrical Tilt (°).

Electrical Characteristics	Low Band 696-960 MHz		High Band #1 and #2: 1710-2170 MHz		
	696-806	806-960	1710-1880	1850-1990	1900-2170
Frequency Bands (MHz)					
Polarization	±45°		2x ±45°		
Horizontal Beamwidth	75°	70°	65°	70°	75°
Vertical Beamwidth	42°	40°	18°	16°	14°
Gain	10.5 dBi	11.0 dBi	13.5 dBi	14.0 dBi	14.0 dBi
Electrical Downtilt (°)	(x) 0, 5		(y) 0, 2, 4, 6		
Impedance	50Ω		50Ω		
VSWR	≤ 1.5:1		≤ 1.5:1		
Front-to-Back Ratio	> 20 dB		> 25 dB		
Isolation Between Ports	> 25 dB		> 25 dB		
IM3 (2x20W carrier)	< -150 dBc		< -150 dBc		
Input Power	500 W		300 W		
Lightning Protection	Direct Ground				
Connector(s)	6 ports / 7/16 -DIN / Female / Bottom				

Mechanical Characteristics

Dimensions (Height x Width x Diameter)	589 x 305 x 180 mm		23.2 x 12.0 x 7.1 in	
Weight without Mounting Brackets	5.9 kg		13 lbs	
Survival Wind Speed	241 km/hr		150 mph	
Wind Area	Front:	0.18 m ²	Front:	1.9 ft ²
	Side:	0.11 m ²	Side:	1.1 ft ²
Wind Loads (160 km/hr or 100 mph)	Front:	219 N	Front:	49 lbf
	Side:	129 N	Side:	29 lbf



MANUF.: AMPHENOL
MODEL: HTXCWW63111414
BAND: TRI BAND
FREQ. (LOW): 696-960
FREQ. (HIGH): 1710-2170
POLARIZATION: ±45°
WEIGHT: 13 LBS

2 AMPHENOL HTXCWW63111414 ANTENNA

SCALE:
N.T.S.

DPB222R

Molded Case Switch

Main Ampere Rating	Maximum hp Rating	Wire Size Range Cu/Al 60°C or 75°C	Catalog Number
80	10	#14-3	DPB222R
80	10	#14-2	B50NARM-A2

Notes

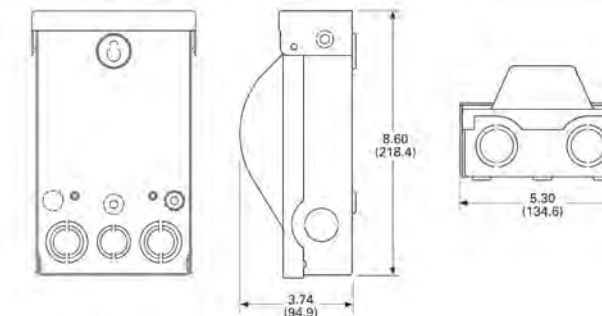
- 1 For replacement pullout head, order part number 96-3256-4
- 2 To obtain a Service Entrance Rating, the addition of a DPFG (ground bar kit) is required
- 3 To obtain a Service Entrance Rating, the addition of a GB4NM (ground bar kit) is required
- 4 For replacement molded case switch, order part number BR250NA

Technical Data and Specifications

- 10,000 ampere rms symmetrical interrupting rating
- Non-enclosed rated
- Fusible and non-fusible position and molded case switch designs
- 30 and 60 ampere available in fuses
- 60 ampere available in non-fusible and molded case switch
- Class II fuse clips provided on fusible pullout design
- WRTT (weather resistant temperature resistant) receptacle options available

DPB222R and DPU362R

Approximate Dimensions in Inches (mm)



3 EATON 60 AMP DISCONNECT

SCALE:
N.T.S.



WA-CLEC, LLC

Engineering Firm:



WHERE QUALITY STILL COUNTS

6390 E. 49th Avenue
Commerce City, CO 80020
www.WYCOFS.com

Engineer Seal:

AB 5220
Exhibit 2
Page 11

Revision:	Drawn By:	CK'd By:	Date:
C	WA	GW	4/12/16

Issued For:
Zoning Drawings

Project:
MERCER ISLAND
SMALL CELL SOLUTION

Node:
MIN 01

Street Address:
2907 70th Ave SE
Mercer Island, WA 98040
Pole ID: 221635-165211

Coordinates (NAD 84):
LATITUDE: 47.58433881
LONGITUDE: -122.24524

Paper Size & Scales:
PREPARED AND DESIGNED TO BE PLOTTED ON (11"x17") OR (22"x34") PAPER. ALL SCALES LISTED AS INTENDED.

Sheet Title:
EQUIPMENT SPECIFICATIONS

Sheet Number:
ZD-5

1 TE PRISM ENCLOSURE

SCALE:
N.T.S.



REPRESENTATIVE
COMMUNICATIONS
SPACE INSTALLATION

WA-CLEC, LLC

MERCER ISLAND
SMALL CELL SOLUTION
MIS 13

ZONING DRAWINGS



Engineering Firm:
WYCO
FIELD SERVICES
WHERE QUALITY STILL COUNTS
6390 E. 49th Avenue
Commerce City, CO 80020
www.WYCOFS.com

Engineer Seal:

AB 5220
Exhibit 2
Page 12

Revision:	Drawn By:	CK'd By:	Date:
A	WA	GW	5/11/16

Issued For:
Zoning Drawings

Project:
MERCER ISLAND
SMALL CELL SOLUTION

Node:
MIS 13

Street Address:
**4880 Forest Ave SE
Mercer Island, WA 98040
Pole ID: 220685-165563**

Coordinates (NAD 84):
**LATITUDE: 47.55843783
LONGITUDE: -122.2292335**

Paper Size & Scales:
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Sheet Title:

TITLE SHEET

Sheet Number:

ZD-1

NODE INFORMATION	
NODE:	MIS13
ADDRESS:	4880 FOREST AVE SE
CITY, STATE, ZIP:	MERCER ISLAND, WA 98040
POLE ID:	220685-165563
EXISTING POLE HEIGHT:	32'-4"
PROPOSED POLE HEIGHT:	32'-4"

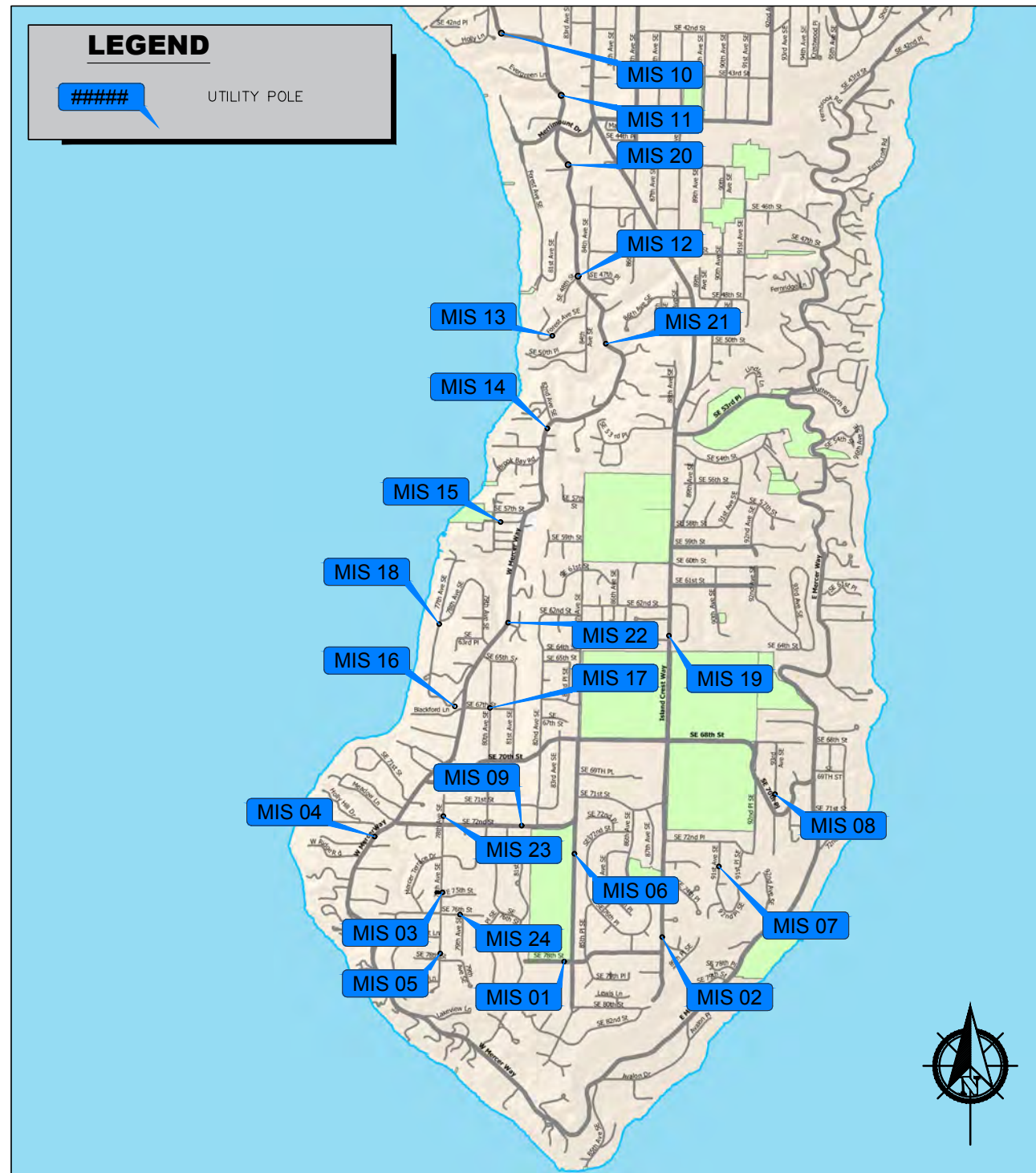
DRAWING INDEX	
ZD-1	TITLE SHEET (COVER)
ZD-2	SIMULATION
ZD-3	SITE PLAN
ZD-4	ENLARGED GROUND DESIGN & POLE ELEV.
ZD-5	EQUIPMENT SPECIFICATIONS

PROJECT INFORMATION	
PROJECT NAME:	MERCER ISLAND SMALL CELL SOLUTION
DESIGN TYPE:	SMALL CELL SOLUTION
AUTHORITY HAVING JURISDICTION (AHJ):	MERCER ISLAND
COUNTY:	KING COUNTY
STATE:	WASHINGTON
UTILITY COMPANY:	PUGET SOUND ENERGY
OCCUPANCY:	N/A UNMANNED COMMUNICATIONS FACILITY
CONSTRUCTION TYPE:	TYPE V-B
FULLY SPRINKLED:	NOT REQUIRED
A.D.A. COMPLIANCE:	THIS FACILITY IS UNMANNED AND NOT INTENDED FOR HABITATION
GOVERNING CODES:	INTERNATIONAL BUILDING CODE W/ AMEND. [2012] WASHINGTON CITIES ELECTRICAL CODE [CURRENT] TIA 222 REVISION G. [2009]

CONTACT INFORMATION	
CONSTR. MNGR:	ENGINEERING FIRM:
WA-CLEC, LLC (CROWN CASTLE)	WYCO FIELD SERVICES, LLC
CONTACT: PHIL REAGAN	CONTACT: GARY WALLENBERG
PHONE: (425) 354-0043	PHONE: (480) 245-8205
EMAIL: philip.reagan@crowncastle.com	EMAIL: gwallenberg@wycofs.com
PROJECT MNGR:	SURVEYOR:
WA-CLEC, LLC (CROWN CASTLE)	SURVEYOR T.B.D.
CONTACT: MARCUS HAILEY	CONTACT: T.B.D.
PHONE: (206) 336-7399	PHONE: T.B.D.
EMAIL: marcus.hailey@crowncastle.com	EMAIL: T.B.D.

APPROVALS / SIGNATURES	
PROJECT MANAGER:	
CITY REPRESENTATIVE:	
CROWN PROJECT MANAGER:	
COUNTY REPRESENTATIVE:	
CUSTOMER REPRESENTATIVE:	
PSE FIELD INSPECTOR:	

CAUTION
FOREIGN UTILITY LOCATIONS ARE APPROXIMATE.
IT IS THE CONSTRUCTION CONTRACTOR'S
RESPONSIBILITY TO CONTACT THE LOCAL ONE CALL
AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR
EXACT UTILITY LOCATIONS AT:
1-800-424-5555 (or 811)



Engineering Firm:

WHERE QUALITY STILL COUNTS
6390 E. 49th Avenue
Commerce City, CO 80020
www.WYCOFS.com

Engineer Seal:

AB 5220
Exhibit 2
Page 13

Revision:	Drawn By:	CK'd By:	Date:
A	WA	GW	5/11/16

Issued For:
Zoning Drawings

Project:
MERCER ISLAND
SMALL CELL SOLUTION

Node:
MIS 13

Street Address:
**4880 Forest Ave SE
Mercer Island, WA 98040
Pole ID: 220685-165563**

Coordinates (NAD 84):
**LATITUDE: 47.55843783
LONGITUDE: -122.2292335**

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Sheet Title:
SIMULATION

Sheet Number:
ZD-2

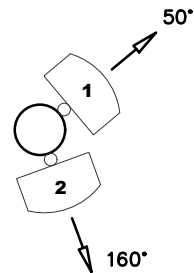


1 EXISTING VIEW OF SITE

2 PROPOSED VIEW OF SITE

ANTENNA AZIMUTH ORIENTATION

ANT #	MANUF.	MODEL	QTY	AZIMUTH
1	AMPHENOL	HTXCWW631114	1	50°
2	AMPHENOL	HTXCWW631114	1	160°

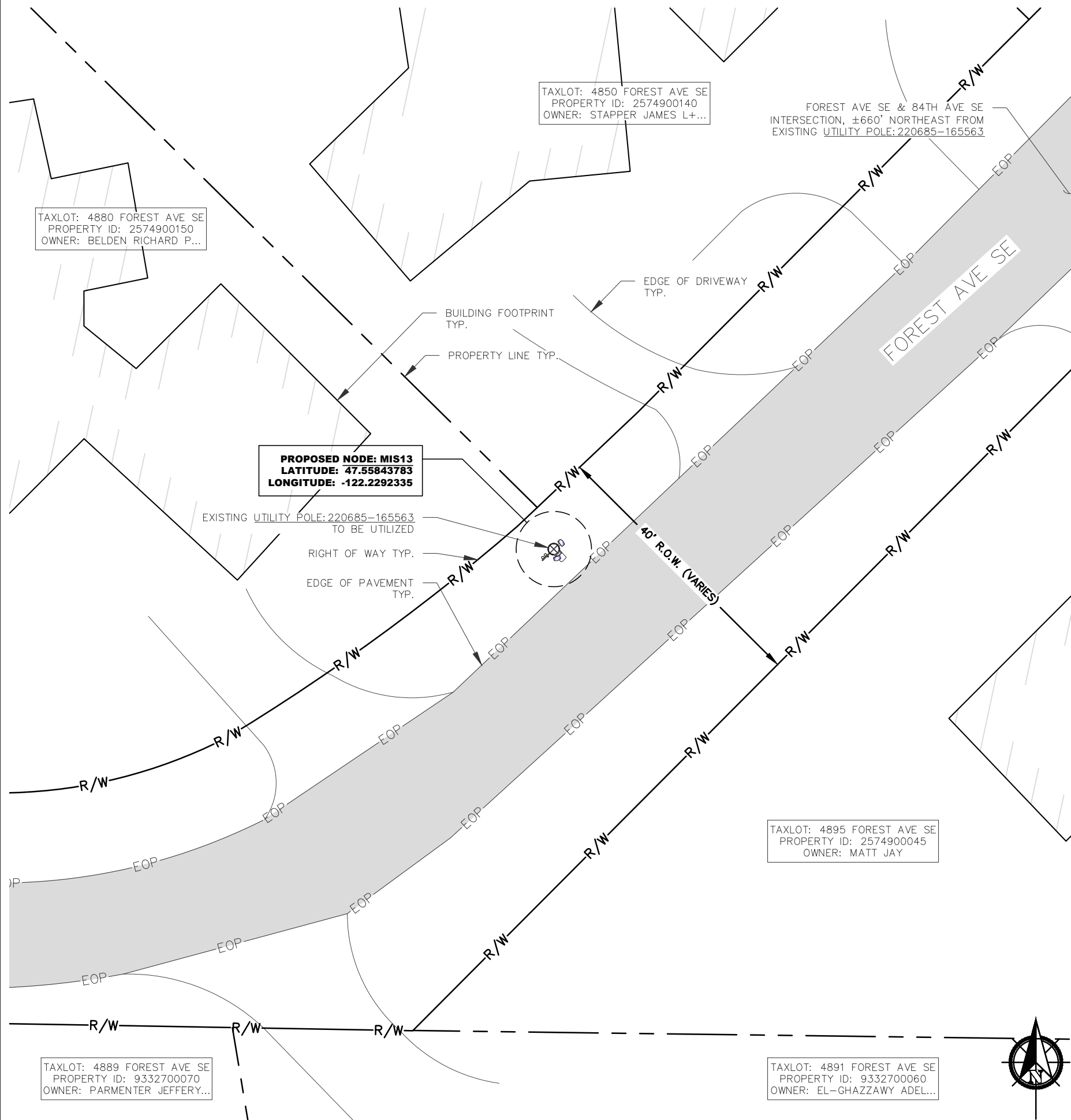


NOTES:

- FIBER & POWER LINES ARE FOR REFERENCE ONLY. REFER TO FIBER DESIGN DRAWINGS FOR ACTUAL PLACEMENT AND DETAILS.
- PULLBOXES ARE SHOWN FOR GENERAL LOCATION ONLY. ACTUAL LOCATION TO BE FIELD LOCATED AND SITUATED TO AVOID ANY IMPENDING SITE FEATURES, SUCH AS ROCKS, TREES, LANDSCAPING, FENCE POSTS, SIGNAGE, ETC. WHEN APPLICABLE.

SITE WORK GENERAL NOTES:

- THE CONTRACTOR SHALL COMPLETE A FULL UTILITY LOCATE SERVICE PRIOR TO THE START OF CONSTRUCTION.
- ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC, IRRIGATION, AND OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK SHALL BE PROTECTED AT ALL TIMES. WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, UTILITIES SHALL BE RELOCATED AS DIRECTED BY CONTRACTOR. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATING OR DRILLING PIERS AROUND OR NEAR UTILITIES WHEN APPLICABLE.
- CONTRACTOR AND SUB-CONTRACTORS SHALL VERIFY ALL UTILITY SERVICE CONNECTION LOCATIONS AND VERIFY ALL DIMENSIONS AND NOTES PRIOR TO PROCEEDING WITH WORK.
- IF NECESSARY, RUBBISH, STUMPS, DEBRIS, STICKS, STONES AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY.
- ALL SURFACE REPAIRS SHALL MEET AHJ REQUIREMENTS.
- THE CONTRACTOR SHALL COORDINATE LOCATION OF POLE AND EQUIPMENT WITH THE SURVEYOR OF RECORD PRIOR TO COMMENCING WORK. ALL NEW POLE INSTALLATIONS SHALL BE 2' MIN. FROM EXISTING SIDEWALKS TO MEET AHJ REQUIREMENTS.
- THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE EQUIPMENT AND TELECOMMUNICATIONS AREAS, IF APPLICABLE.
- NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUND, NOR SHALL ANY FROZEN MATERIALS, SNOW OR ICE BE PLACED IN FILL OR EMBANKMENT. THE SUB GRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO FINISHED SURFACE APPLICATION.
- OPEN EXCAVATIONS, SHALL BE BARRICADED AND SIGNED. NO OPEN EXCAVATIONS WILL BE LEFT ACCESSIBLE TO THE PUBLIC OR LEFT EXPOSED OVER NIGHT.
- SUBCONTRACTOR SHALL MINIMIZE DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION. ALL DISTURBED LANDSCAPING SHALL BE REPLACED, RESEED, AND REGROWN TO MATCH THE ORIGINAL CONDITION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE LOCAL GUIDELINES FOR EROSION AND SEDIMENT CONTROL.
- ALL WORK IS BEING PERFORMED IN THE RIGHT-OF-WAY. VERIFY ALL R.O.W. LINES, EQUIPMENT LOCATION AND INSTALLATIONS WITH SURVEYED DATA. NO MATERIALS SHALL BE STORED ON PRIVATE PROPERTY.
- LANE CLOSURES OR OBSTRUCTIONS SHALL BE COORDINATED WITH THE AHJ.
- TEMPORARY LIGHTING WILL BE COORDINATED WITH THE AHJ AND PSE PROVIDED WHENEVER EXISTING LIGHTING IS REMOVED OR UNAVAILABLE AS REQUIRED.



SCALE:
1/16"=1'



WA-CLEC, LLC

Engineering Firm:

WYCO
FIELD SERVICES
WHERE QUALITY STILL COUNTS
6390 E. 49th Avenue
Commerce City, CO 80020
www.WYCOFS.com

Engineer Seal:

AB 5220
Exhibit 2
Page 14

Revision:	Drawn By:	CK'd By:	Date:
A	WA	GW	5/11/16

Issued For:
Zoning Drawings

Project:
MERCER ISLAND
SMALL CELL SOLUTION

Node:
MIS 13

Street Address:
**4880 Forest Ave SE
Mercer Island, WA 98040
Pole ID: 220685-165563**

Coordinates (NAD 84):
**LATITUDE: 47.55843783
LONGITUDE: -122.2292335**

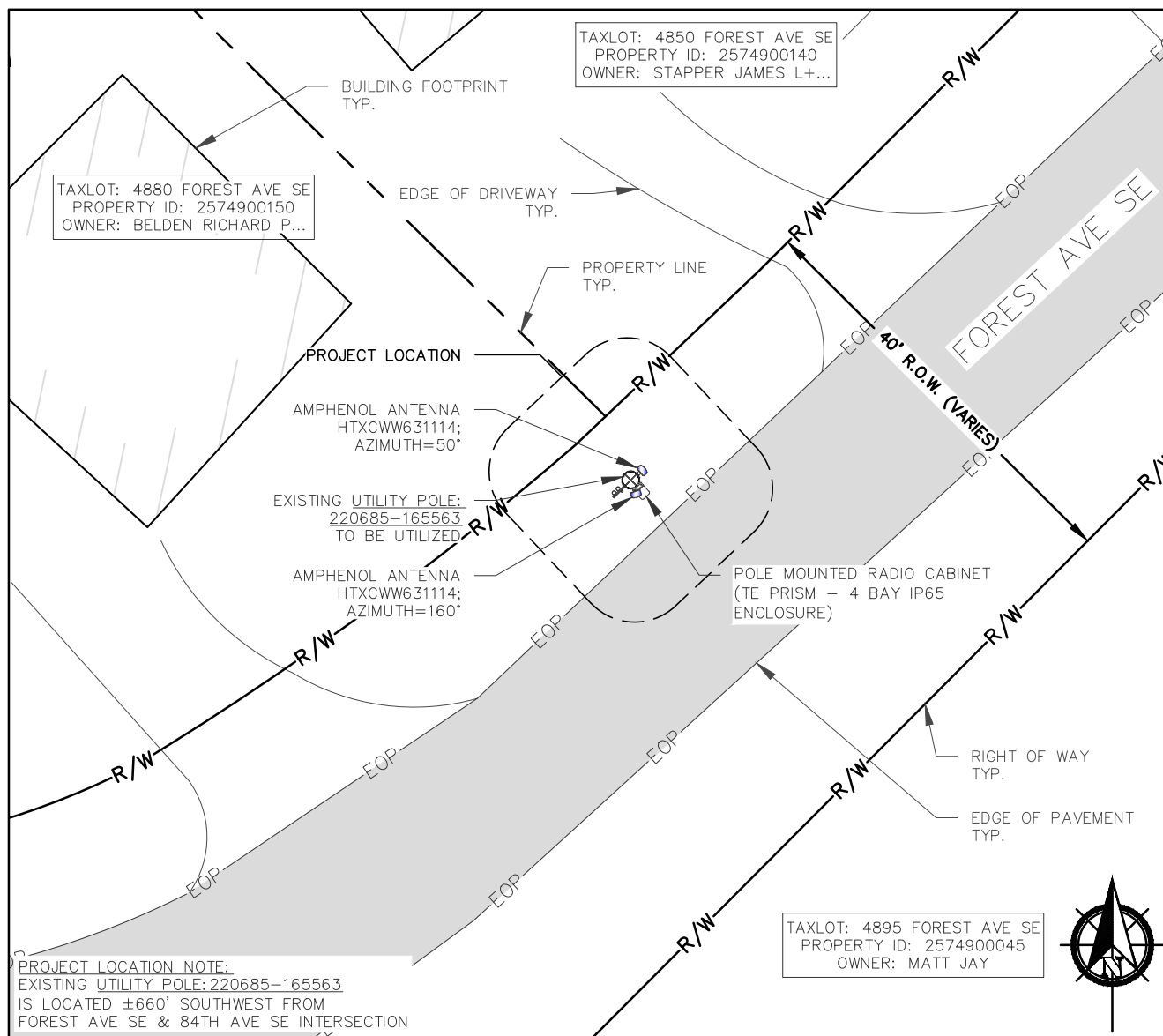
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Sheet Title:

SITE PLAN

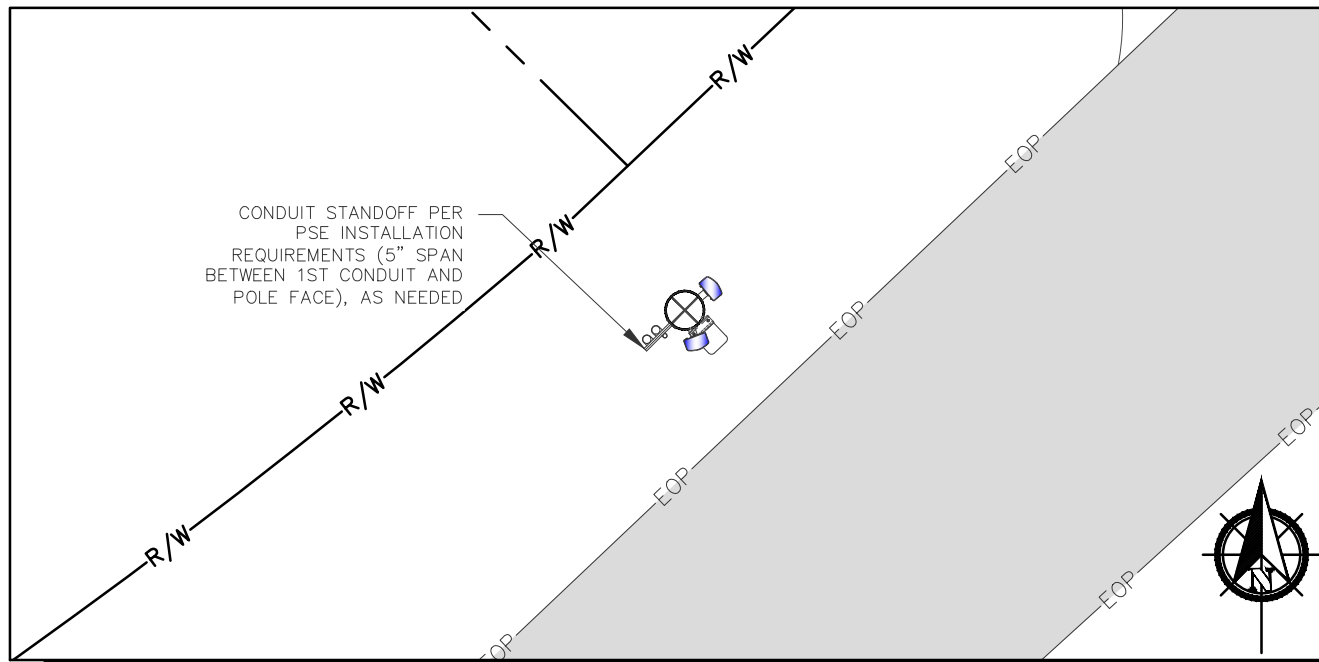
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ZD-3



1 ENLARGED GROUND DESIGN

SCALE: 1/16"=1'

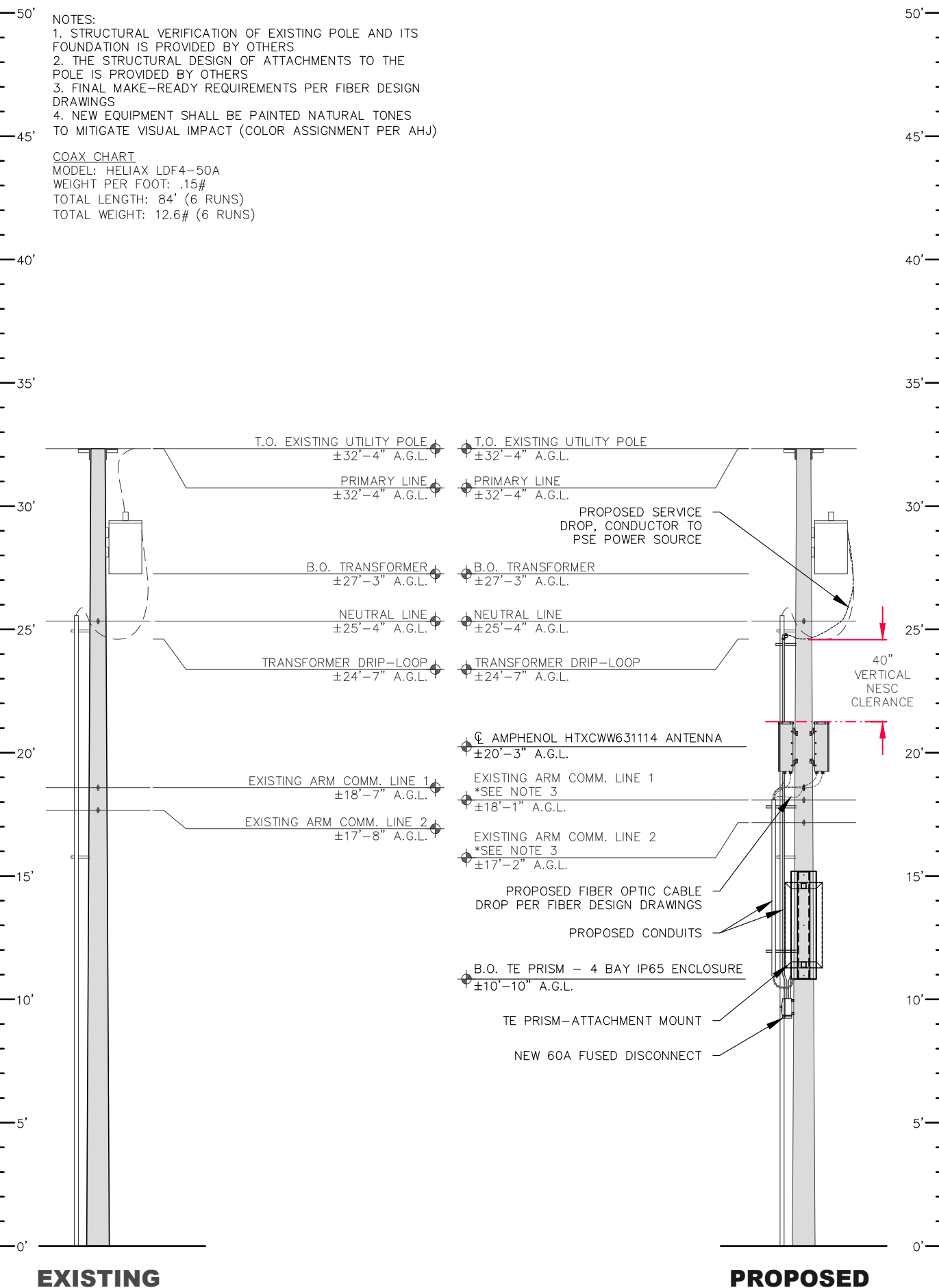


2 CONDUIT ROUTING & SPACING

SCALE: 1/8"=1'

NOTES:
 1. STRUCTURAL VERIFICATION OF EXISTING POLE AND ITS FOUNDATION IS PROVIDED BY OTHERS
 2. THE STRUCTURAL DESIGN OF ATTACHMENTS TO THE POLE IS PROVIDED BY OTHERS
 3. FINAL MAKE-READY REQUIREMENTS PER FIBER DESIGN DRAWINGS
 4. NEW EQUIPMENT SHALL BE PAINTED NATURAL TONES TO MITIGATE VISUAL IMPACT (COLOR ASSIGNMENT PER AHJ)

COAX CHART
 MODEL: HELIAX LDF4-50A
 WEIGHT PER FOOT: .15#
 TOTAL LENGTH: 84' (6 RUNS)
 TOTAL WEIGHT: 12.6# (6 RUNS)



3 POLE ELEVATION - SOUTHEAST

SCALE: 3/16"=1'

CROWN CASTLE
 WA-CLEC, LLC

Engineering Firm:
WYCO
FIELD SERVICES
 WHERE QUALITY STILL COUNTS
 6390 E. 49th Avenue
 Commerce City, CO 80020
 www.WYCOFS.com

Engineer Seal:

 AB 5220
 Exhibit 2
 Page 15

Revision	Drawn By	Ck'd By	Date
A	WA	GW	5/11/16

Issued For:
Zoning Drawings

Project:
 MERCER ISLAND
 SMALL CELL SOLUTION

Node:
MIS 13

Street Address:
4880 Forest Ave SE
Mercer Island, WA 98040
Pole ID: 220685-165563

Coordinates (NAD 84):
LATITUDE: 47.55843783
LONGITUDE: -122.2292335

Paper Size & Scales:
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Sheet Title:
ENLARGED GROUND DESIGN & POLE ELEVATION

Sheet Number:
ZD-4

FlexWave Prism

Flexible Outdoor Wireless Coverage and Capacity

REMOTE UNIT ENVIRONMENTAL SPECIFICATIONS

Outside Ambient

Temp Rating: -40° C to +50° C (-40° F to +122° F)

Storage Temperature: -40° C to +70° C (-40° F to +158° F)

Humidity: 10% to 90% non-condensing

Lightning Protection: 20kA IEC 1000-45 8/30 μs Waveform

Remote Unit

Enclosure: IP-65, (Fan IP-55)

Mounting: Wall, Pole, Inside Pole, and Vault

Cooling: Fan (external only)

Optical Connectors: Sealed HMFOC (Multi-fiber connector - 8 fibers) or pass-through

Dimensions:

	Dimensions (H x W x D)			Weight (Chassis Only)	Weight (With RF Modules)	Volume
	H	W	D			
Single-Band	25.2"	12.2"	11.2"	65 lbs.	83 lbs.	1.56 cubic ft
	64 cm	30.99 cm	28.45 cm	29 kg	38 kg	.044 cubic M
Dual-Band	33.2"	12.2"	11.2"	81 lbs.	117 lbs.	2.10 cubic ft
	84.33 cm	30.99 cm	28.45 cm	37 kg	53 kg	.059 cubic M
Tri-Band	41.2"	12.2"	11.2"	97 lbs.	151 lbs.	2.64 cubic ft
	104.65 cm	30.99 cm	28.45 cm	44 kg	68 kg	.075 cubic M
Quad-Band	52.4"	12.2"	11.2"	116 lbs.	188 lbs.	3.40 cubic ft
	133.10 cm	30.99 cm	28.45 cm	53 kg	85 kg	.096 cubic M

Host Unit

Mounting: 19-inch rack

Dimensions (H x W x D): 5.25" x 19" x 8.43" (13.34 cm x 48.26 cm x 21.41 cm) (3 RUs)

Weight: <25 Pounds (<11 kg)

Remote Unit Power Requirements

Power Supply: 100-240 VAC, 50-60 Hz

48 VDC (OPTIONAL)

Battery Backup: Yes (optional external UPS)

Host Unit Power Requirements

Power Source: 21 to 60 VDC

Element Management

Embedded EMS: Yes

SNMP Based Management: Yes

Note: Unless noted otherwise specifications are typical and subject to change Fully Populated.



The Remote Unit may be field upgraded and serviced.

www.te.com/WirelessSolutions 1-800-366-3891 10/13 106969AE



MANUF.: TE CONNECTIVITY
MODEL: PRISM
WEIGHT: 116 LBS
WEIGHT: 188 LBS W/ MODULES

The Remote Units are available in single, dual, tri and quad band sizes to support up to four bands.



696-960 / 1710-2170 / 1710-2170 MHz

HTXCWW63111414Fxy0

Tri Band | FET Panel | XXX-Pol | 65° / 65° / 65° | 11.0 / 14.0 / 14.0 dBi | Fixed Tilt

- Tri band, fixed tilt panel antenna, 6 connectors
- Wide band performance
- Ideal solution for Small Cell applications

Ordering Options

When ordering, replace "x" in the model number with the desired low band electrical downtilt and "y" with the desired high band electrical downtilt (same tilt for both high bands). Tilt options are shown below under Electrical Tilt (°).

Electrical Characteristics	Low Band 696-960 MHz		High Band #1 and #2: 1710-2170 MHz		
	696-806	806-960	1710-1880	1850-1990	1900-2170
Frequency Bands (MHz)					
Polarization	±45°		2x ±45°		
Horizontal Beamwidth	75°	70°	65°	70°	75°
Vertical Beamwidth	42°	40°	18°	16°	14°
Gain	10.5 dBi	11.0 dBi	13.5 dBi	14.0 dBi	14.0 dBi
Electrical Downtilt (°)	(x) 0, 5		(y) 0, 2, 4, 6		
Impedance	50Ω		50Ω		
VSWR	≤ 1.5:1		≤ 1.5:1		
Front-to-Back Ratio	> 20 dB		> 25 dB		
Isolation Between Ports	> 25 dB		> 25 dB		
IM3 (2x20W carrier)	< -150 dBc		< -150 dBc		
Input Power	500 W		300 W		
Lightning Protection	Direct Ground				
Connector(s)	6 ports / 7/16 -DIN / Female / Bottom				

Mechanical Characteristics

Dimensions (Height x Width x Diameter)	589 x 305 x 180 mm		23.2 x 12.0 x 7.1 in	
Weight without Mounting Brackets	5.9 kg		13 lbs	
Survival Wind Speed	241 km/hr		150 mph	
Wind Area	Front:	0.18 m ²	Front:	1.9 ft ²
	Side:	0.11 m ²	Side:	1.1 ft ²
Wind Loads (160 km/hr or 100 mph)	Front:	219 N	Front:	49 lbf
	Side:	129 N	Side:	29 lbf



MANUF.: AMPHENOL
MODEL: HTXCWW63111414
BAND: TRI BAND
FREQ. (LOW): 696-960
FREQ. (HIGH): 1710-2170
POLARIZATION: ±45°
WEIGHT: 13 LBS

2 AMPHENOL HTXCWW63111414 ANTENNA

SCALE:
N.T.S.

DPB222R

Molded Case Switch

Main Ampere Rating	Maximum hp Rating	Wire Size Range Cu/Al 60°C or 75°C	Catalog Number
80	10	#14-3	DPB222R
80	10	#14-2	B50NARM-A2

Notes

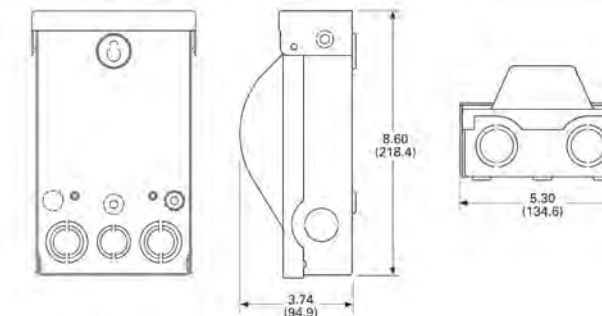
- 1 For replacement pullout head, order part number 96-3256-4
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- 3 To obtain a Service Entrance Rating, the addition of a GB4NM (ground bar kit) is required
- 4 For replacement molded case switch, order part number BR250NA

Technical Data and Specifications

- 10,000 ampere rms symmetrical interrupting rating
- Non-enclosed rated
- Fusible and non-fusible position and molded case switch designs
- 30 and 60 ampere available in fusible
- 60 ampere available in non-fusible and molded case switch
- Class II (UL type class provided) on fusible pullout design
- WRTT (weather resistant temperature resistant) receptacle options available

DPB222R and DPU362R

Approximate Dimensions in Inches (mm)



3 EATON 60 AMP DISCONNECT

SCALE:
N.T.S.



WA-CLEC, LLC

Engineering Firm:



WHERE QUALITY STILL COUNTS
6390 E. 49th Avenue
Commerce City, CO 80020
www.WYCOFS.com

Engineer Seal:

AB 5220
Exhibit 2
Page 16

Revision	Drawn By	CK'd By	Date
A	WA	GW	5/11/16

Issued For:
Zoning Drawings

Project:
MERCER ISLAND
SMALL CELL SOLUTION

Node:
MIS 13

Street Address:
4880 Forest Ave SE
Mercer Island, WA 98040
Pole ID: 220685-165563

Coordinates (NAD 84):
LATITUDE: 47.55843783
LONGITUDE: -122.2292335

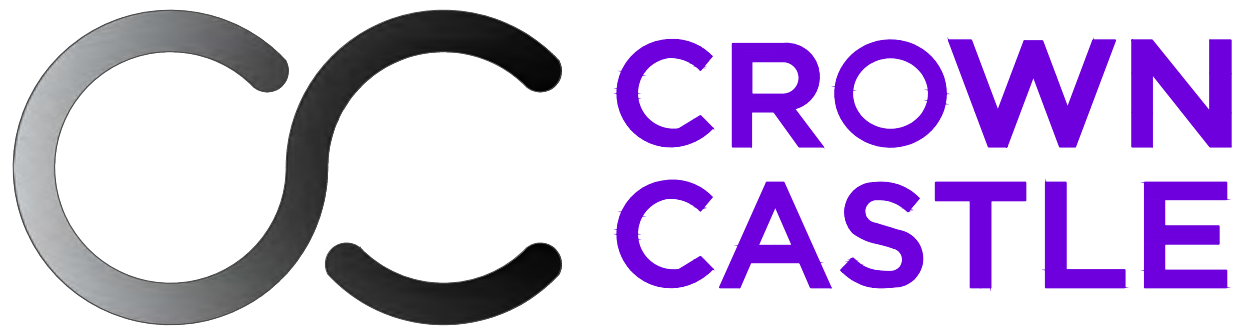
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Sheet Title:
EQUIPMENT SPECIFICATIONS

Sheet Number:
ZD-5

1 TE PRISM ENCLOSURE

SCALE:
N.T.S.



REPRESENTATIVE
POLE REPLACEMENT
INSTALLATION

WA-CLEC, LLC

MERCER ISLAND
SMALL CELL SOLUTION
MIS 22

ZONING DRAWINGS



Engineering Firm:
WYCO
FIELD SERVICES
WHERE QUALITY STILL COUNTS
6390 E. 49th Avenue
Commerce City, CO 80020
www.WYCOFOS.com

Engineer Seal:

AB 5220
Exhibit 2
Page 17

Revision:	Drawn By:	Ck'd By:	Date:
A	WA	GW	5/13/16

Issued For:
Zoning Drawings

Project:
MERCER ISLAND
SMALL CELL SOLUTION

Node:
MIS 22

Street Address:
**6180 W Mercer Way
Mercer Island, WA 98040
Pole ID: 220268-165514**

Coordinates (NAD 84):
**LATITUDE: 47.54677166
LONGITUDE: -122.231341**

Paper Size & Scales:
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(11"x17") OR (22"x34") PAPER. ALL SCALES
LISTED AS INTENDED.

Sheet Title:
TITLE SHEET

Sheet Number:
ZD-1

PROJECT INFORMATION	
PROJECT NAME:	MERCER ISLAND SMALL CELL SOLUTION
DESIGN TYPE:	SMALL CELL SOLUTION
AUTHORITY HAVING JURISDICTION (AHJ):	MERCER ISLAND
COUNTY:	KING COUNTY
STATE:	WASHINGTON
UTILITY COMPANY:	PUGET SOUND ENERGY
OCCUPANCY:	N/A UNMANNED COMMUNICATIONS FACILITY
CONSTRUCTION TYPE:	TYPE V-B
FULLY SPRINKLED:	NOT REQUIRED
A.D.A. COMPLIANCE:	THIS FACILITY IS UNMANNED AND NOT INTENDED FOR HABITATION
GOVERNING CODES:	INTERNATIONAL BUILDING CODE W/ AMEND. [2012] WASHINGTON CITIES ELECTRICAL CODE [CURRENT] TIA 222 REVISION G. [2009]

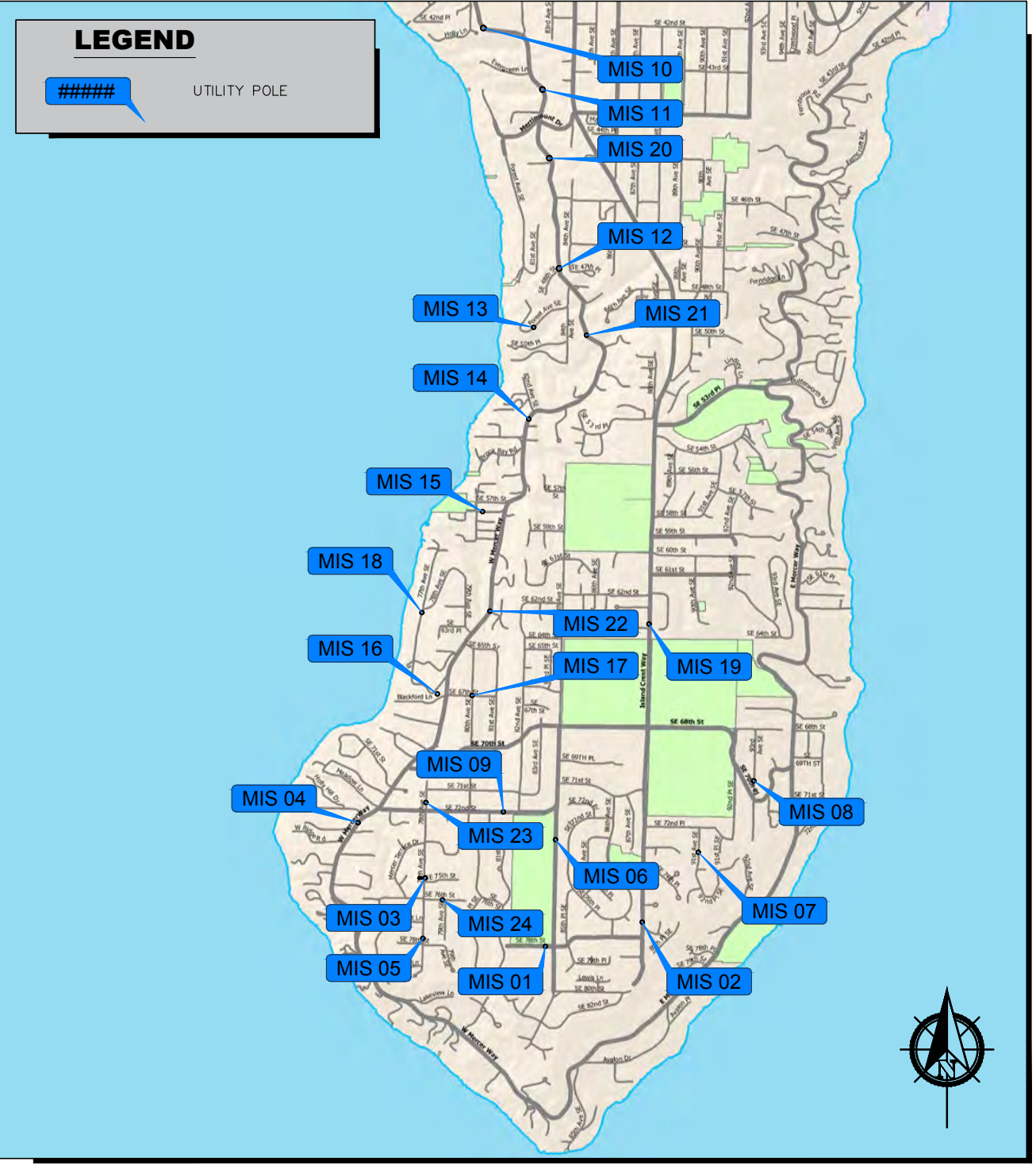
NODE INFORMATION	
NODE:	MIS22
ADDRESS:	6180 W MERCER WAY
CITY, STATE, ZIP:	MERCER ISLAND, WA 98040
POLE ID:	220268-165514
EXISTING POLE HEIGHT:	23'-3"
PROPOSED POLE HEIGHT:	34'-3"

DRAWING INDEX	
ZD-1	TITLE SHEET (COVER)
ZD-2	SIMULATION
ZD-3	SITE PLAN
ZD-4	ENLARGED GROUND DESIGN & POLE ELEV.
ZD-5	EQUIPMENT SPECIFICATIONS

CONTACT INFORMATION	
CONSTR. MNGR:	ENGINEERING FIRM:
WA-CLEC, LLC (CROWN CASTLE)	WYCO FIELD SERVICES, INC.
CONTACT: PHIL REAGAN	CONTACT: GARY WALLENBERG
PHONE: (425) 354-0043	PHONE: (480) 245-8205
EMAIL: philip.reagan@crowncastle.com	EMAIL: gwallenberg@wycofs.com
PROJECT MNGR:	SURVEYOR:
WA-CLEC, LLC (CROWN CASTLE)	SURVEYOR T.B.D.
CONTACT: MARCUS HAILEY	CONTACT: T.B.D.
PHONE: (206) 336-7399	PHONE: T.B.D.
EMAIL: marcus.hailey@crowncastle.com	EMAIL: T.B.D.

APPROVALS / SIGNATURES	
PROJECT MANAGER:	
CITY REPRESENTATIVE:	
CROWN PROJECT MANAGER:	
COUNTY REPRESENTATIVE:	
CUSTOMER REPRESENTATIVE:	
PSE FIELD INSPECTOR:	

CAUTION
FOREIGN UTILITY LOCATIONS ARE APPROXIMATE.
IT IS THE CONSTRUCTION CONTRACTOR'S
RESPONSIBILITY TO CONTACT THE LOCAL ONE CALL
AGENCY 48 HOURS PRIOR TO CONSTRUCTION FOR
EXACT UTILITY LOCATIONS AT:
1-800-424-5555 (or 811)



AB 5220
Exhibit 2
Page 18

Revision:	Drawn By:	Ck'd By:	Date:
A	WA	GW	5/13/16

Issued For:
Zoning Drawings

Project:
MERCER ISLAND
SMALL CELL SOLUTION

Node:
MIS 22

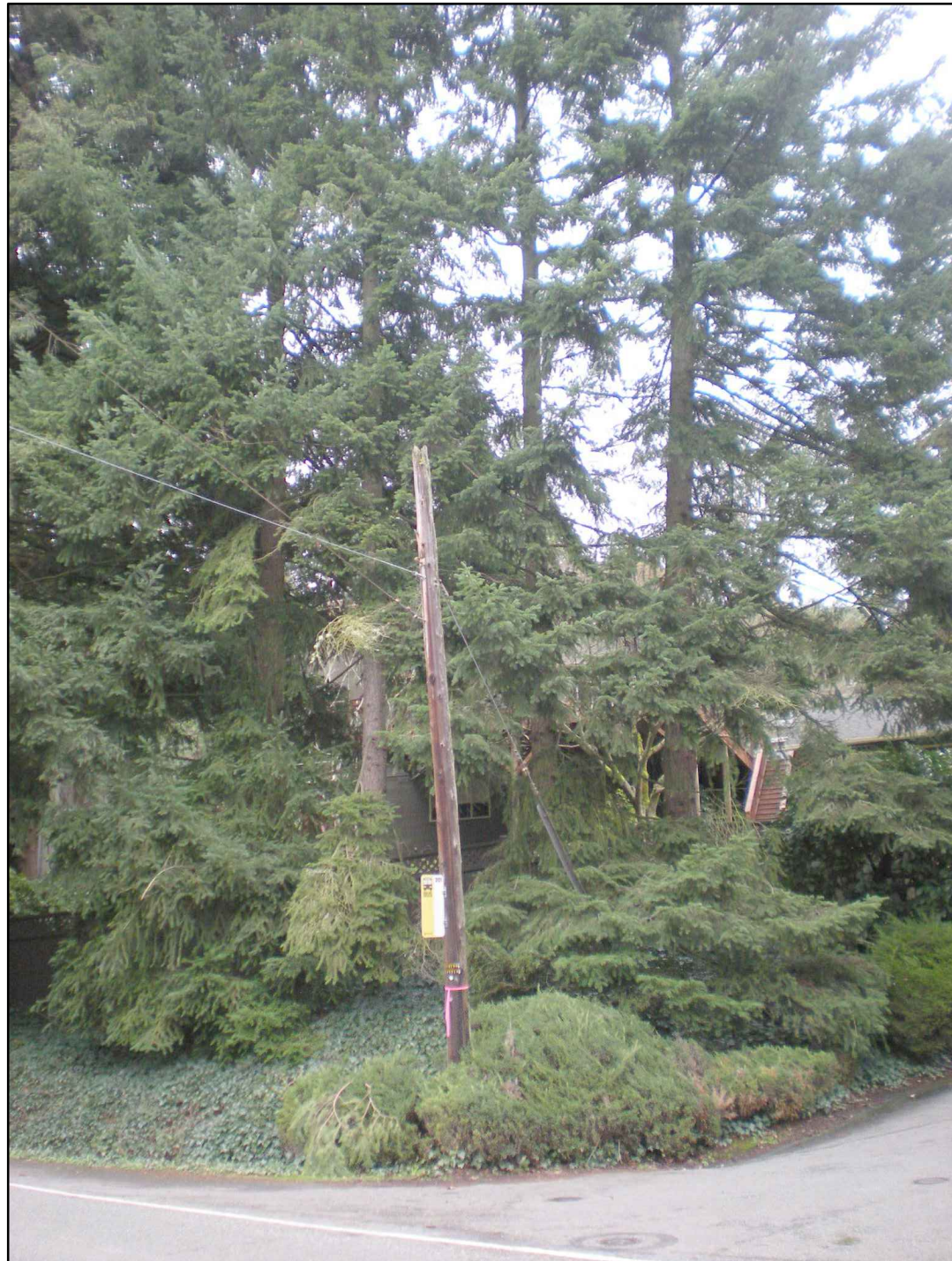
Street Address:
6180 W Mercer Wa
Mercer Island, WA 98040
Pole ID: 220268-165514

Coordinates (NAD 84):
LATITUDE: 47.54677166
LONGITUDE: -122.231341

Paper Size & Scales:
PREPARED AND DESIGNED TO BE PLOTTED ON
(11"x17") OR (22"x34") PAPER. ALL SCALES
LISTED AS INTENDED.

Sheet Title:
SIMULATION

Sheet Number:
ZD-2

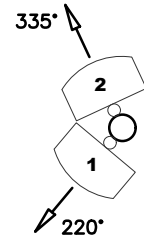


1 EXISTING VIEW OF SITE

2 PROPOSED VIEW OF SITE

ANTENNA AZIMUTH ORIENTATION

ANT #	MANUF.	MODEL	QTY	AZIMUTH
1	AMPHENOL	HTXCWW631114	1	220°
2	AMPHENOL	HTXCWW631114	1	335°

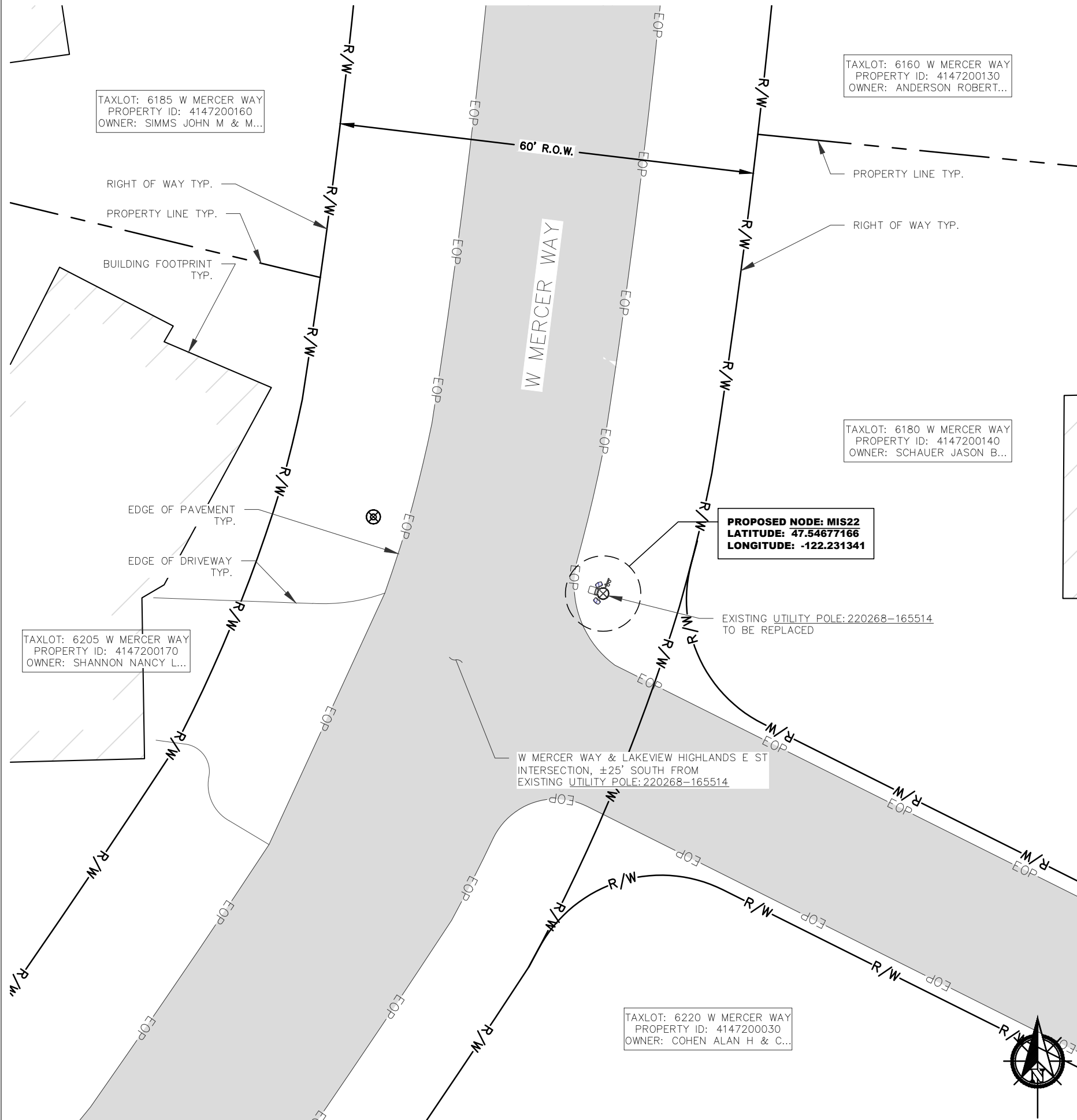


NOTES:

- FIBER & POWER LINES ARE FOR REFERENCE ONLY. REFER TO FIBER DESIGN DRAWINGS FOR ACTUAL PLACEMENT AND DETAILS.
- PULLBOXES ARE SHOWN FOR GENERAL LOCATION ONLY. ACTUAL LOCATION TO BE FIELD LOCATED AND SITUATED TO AVOID ANY IMPENDING SITE FEATURES, SUCH AS ROCKS, TREES, LANDSCAPING, FENCE POSTS, SIGNAGE, ETC. WHEN APPLICABLE.

SITE WORK GENERAL NOTES:

- THE CONTRACTOR SHALL COMPLETE A FULL UTILITY LOCATE SERVICE PRIOR TO THE START OF CONSTRUCTION.
- ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC, IRRIGATION, AND OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK SHALL BE PROTECTED AT ALL TIMES. WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, UTILITIES SHALL BE RELOCATED AS DIRECTED BY CONTRACTOR. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATING OR DRILLING PIERS AROUND OR NEAR UTILITIES WHEN APPLICABLE.
- CONTRACTOR AND SUB-CONTRACTORS SHALL VERIFY ALL UTILITY SERVICE CONNECTION LOCATIONS AND VERIFY ALL DIMENSIONS AND NOTES PRIOR TO PROCEEDING WITH WORK.
- IF NECESSARY, RUBBISH, STUMPS, DEBRIS, STICKS, STONES AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY.
- ALL SURFACE REPAIRS SHALL MEET AHJ REQUIREMENTS.
- THE CONTRACTOR SHALL COORDINATE LOCATION OF POLE AND EQUIPMENT WITH THE SURVEYOR OF RECORD PRIOR TO COMMENCING WORK. ALL NEW POLE INSTALLATIONS SHALL BE 2' MIN. FROM EXISTING SIDEWALKS TO MEET AHJ REQUIREMENTS.
- THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE EQUIPMENT AND TELECOMMUNICATIONS AREAS, IF APPLICABLE.
- NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUND, NOR SHALL ANY FROZEN MATERIALS, SNOW OR ICE BE PLACED IN FILL OR EMBANKMENT. THE SUB GRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO FINISHED SURFACE APPLICATION.
- OPEN EXCAVATIONS, SHALL BE BARRICADED AND SIGNED. NO OPEN EXCAVATIONS WILL BE LEFT ACCESSIBLE TO THE PUBLIC OR LEFT EXPOSED OVER NIGHT.
- SUBCONTRACTOR SHALL MINIMIZE DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION. ALL DISTURBED LANDSCAPING SHALL BE REPLACED, RESEED, AND REGROWN TO MATCH THE ORIGINAL CONDITION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE LOCAL GUIDELINES FOR EROSION AND SEDIMENT CONTROL.
- ALL WORK IS BEING PERFORMED IN THE RIGHT-OF-WAY. VERIFY ALL R.O.W. LINES, EQUIPMENT LOCATION AND INSTALLATIONS WITH SURVEYED DATA. NO MATERIALS SHALL BE STORED ON PRIVATE PROPERTY.
- LANE CLOSURES OR OBSTRUCTIONS SHALL BE COORDINATED WITH THE AHJ.
- TEMPORARY LIGHTING WILL BE COORDINATED WITH THE AHJ AND PSE PROVIDED WHENEVER EXISTING LIGHTING IS REMOVED OR UNAVAILABLE AS REQUIRED.



WA-CLEC, LLC

Engineering Firm:

WYCO
FIELD SERVICES
WHERE QUALITY STILL COUNTS
6390 E. 49th Avenue
Commerce City, CO 80020
www.WYCOFS.com

Engineer Seal:

AB 5220
Exhibit 2
Page 19

Revision:	Drawn By:	Ck'd By:	Date:
A	WA	GW	5/13/16

Issued For:
Zoning Drawings

Project:
MERCER ISLAND
SMALL CELL SOLUTION

Node:
MIS 22

Street Address:
6180 W Mercer Wa
Mercer Island, WA 98040
Pole ID: 220268-165514

Coordinates (NAD 84):
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LONGITUDE: -122.231341

Paper Size & Scales:
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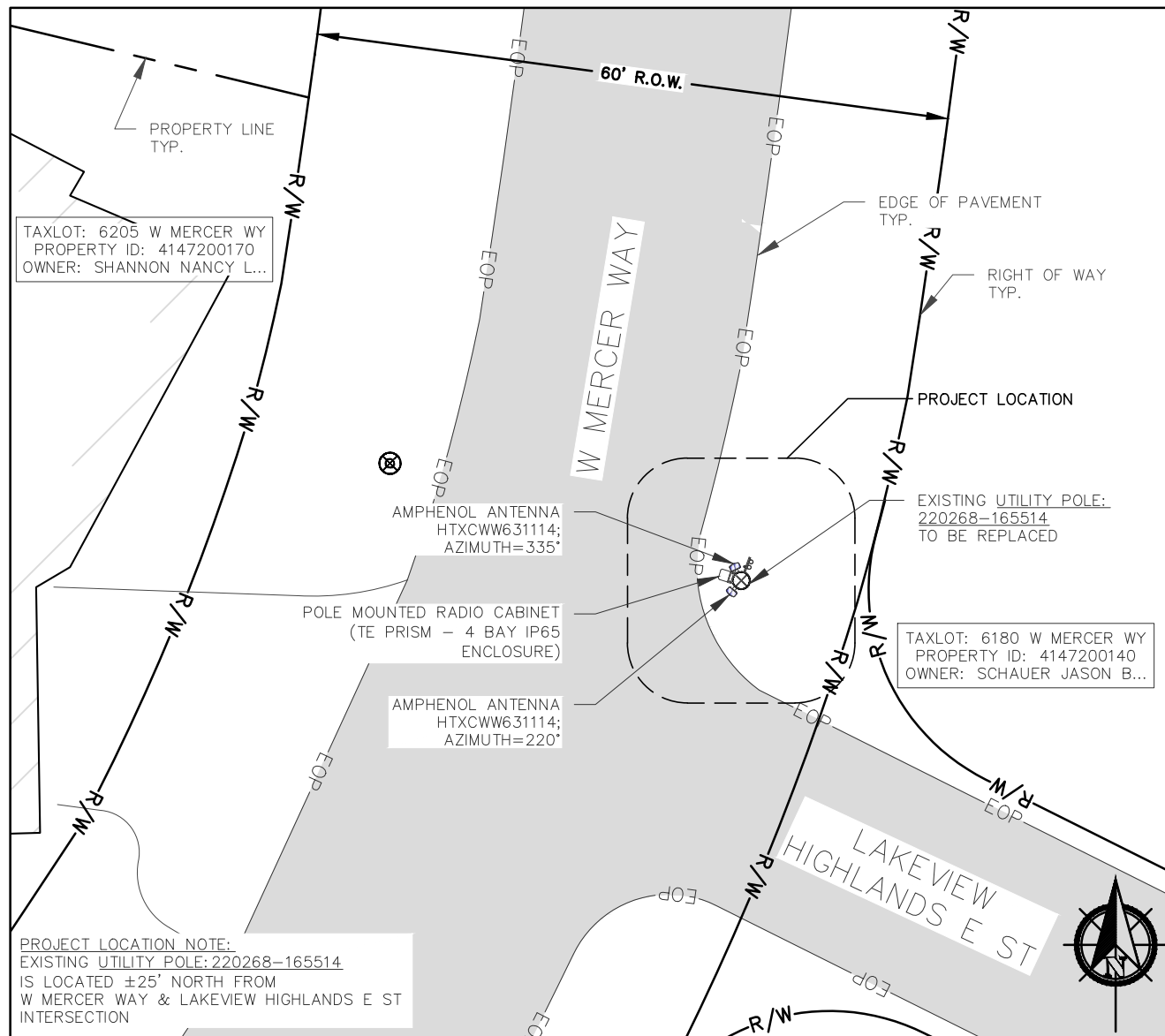
Sheet Title:

SITE PLAN

Sheet Number:

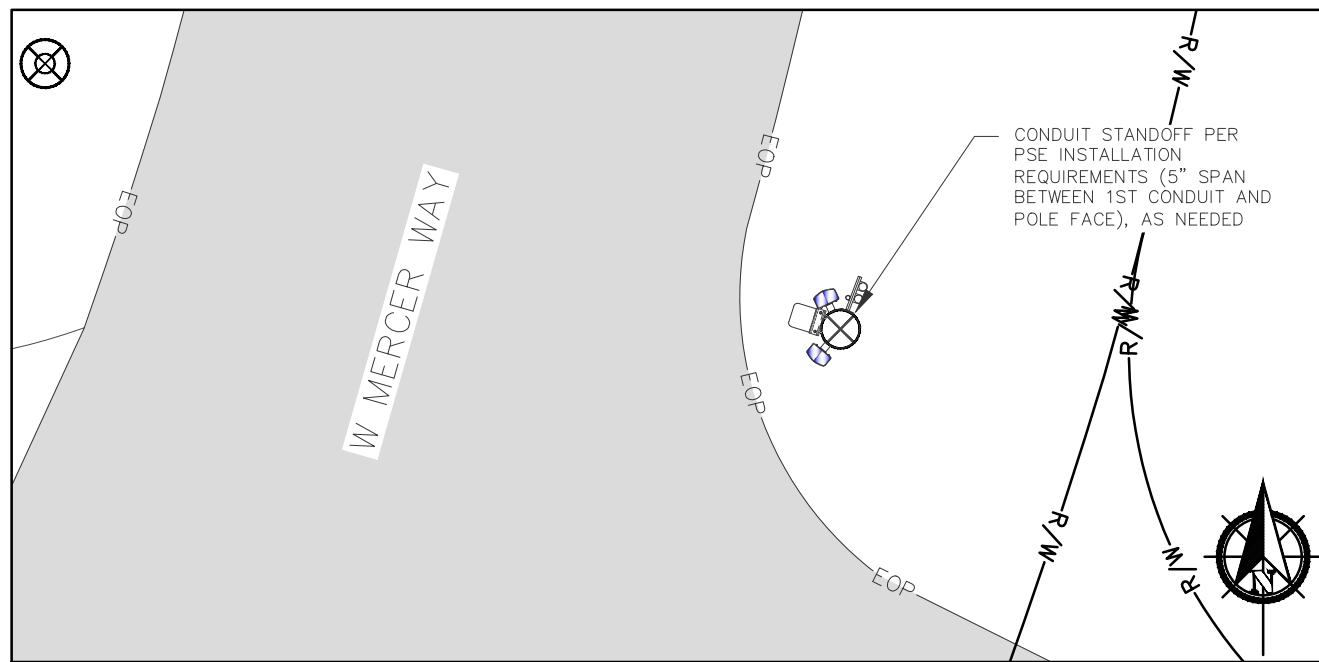
ZD-3

SCALE:
1/16"=1'



1 ENLARGED GROUND DESIGN

SCALE: 1/16"=1'

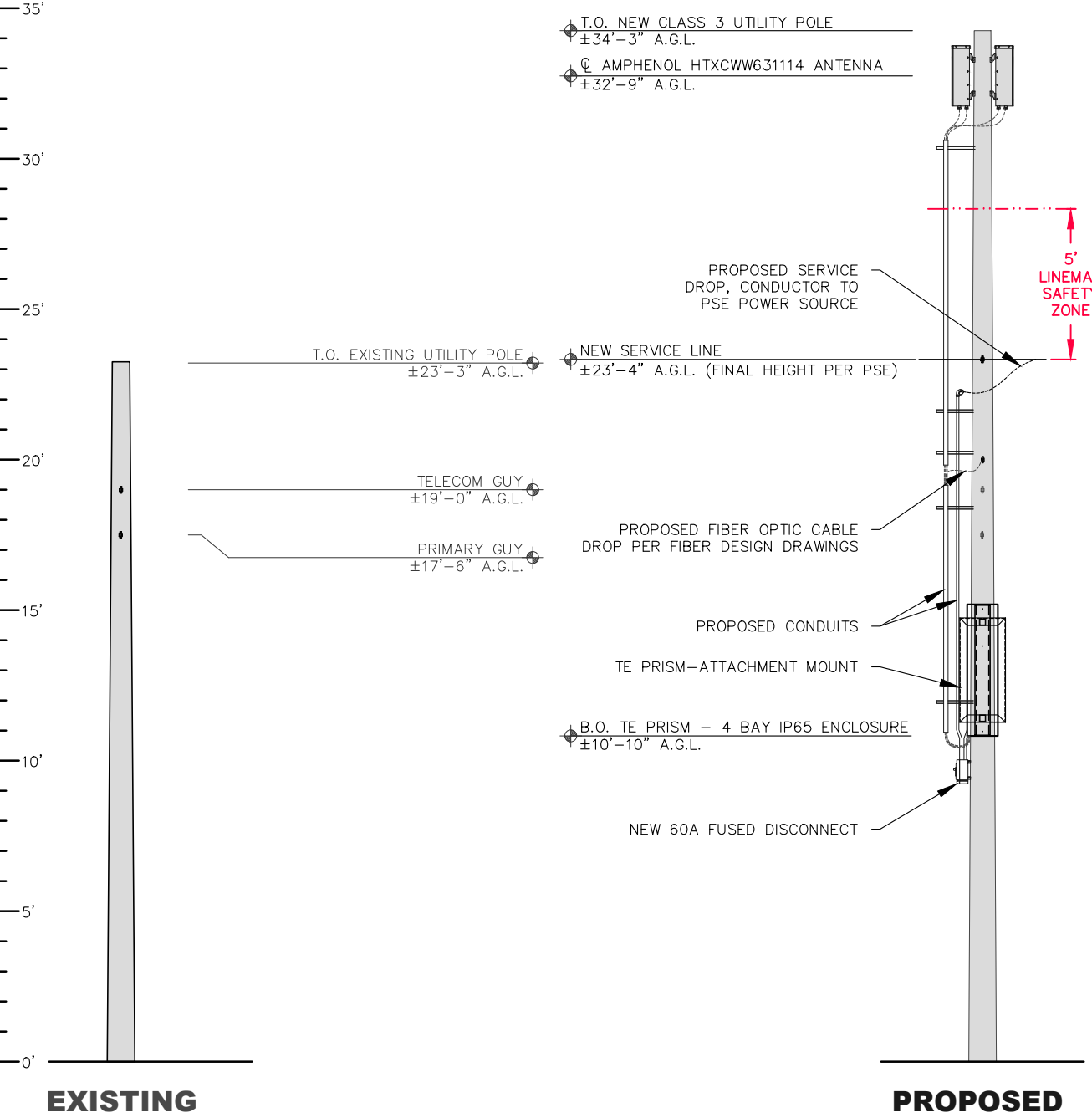


2 CONDUIT ROUTING & SPACING

SCALE: 1/8"=1'

- NOTES:
1. STRUCTURAL VERIFICATION OF REPLACEMENT POLE AND ITS FOUNDATION IS PROVIDED BY OTHERS
 2. THE STRUCTURAL DESIGN OF ATTACHMENTS TO THE POLE IS PROVIDED BY OTHERS
 3. FINAL MAKE-READY REQUIREMENTS PER FIBER DESIGN DRAWINGS
 4. NEW EQUIPMENT SHALL BE PAINTED NATURAL TONES TO MITIGATE VISUAL IMPACT (COLOR ASSIGNMENT PER AHJ)

COAX CHART
 MODEL: HELIAX LDF4-50A
 WEIGHT PER FOOT: .15#
 TOTAL LENGTH: 160' (6 RUNS)
 TOTAL WEIGHT: 24# (6 RUNS)



3 POLE ELEVATION - WEST

SCALE: 3/16"=1'

WA-CLEC, LLC

Engineering Firm:
FIELD SERVICES
WHERE QUALITY STILL COUNTS
 6390 E. 49th Avenue
 Commerce City, CO 80020
 www.WYCOFS.com

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 Exhibit 2
 Page 20

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Sheet Title:
ENLARGED GROUND DESIGN & POLE ELEVATION

Sheet Number:
ZD-4

FlexWave Prism

Flexible Outdoor Wireless Coverage and Capacity

REMOTE UNIT ENVIRONMENTAL SPECIFICATIONS

Outside Ambient

Temp Rating: -40° C to +50° C (-40° F to +122° F)

Storage Temperature: -40° C to +70° C (-40° F to +158° F)

Humidity: 10% to 90% non-condensing

Lightning Protection: 20kA IEC 1000-45 8/30 μs Waveform

Remote Unit

Enclosure: IP-65, (Fan IP-55)

Mounting: Wall, Pole, Inside Pole, and Vault

Cooling: Fan (external only)

Optical Connectors: Sealed HMFOC (Multi-fiber connector - 8 fibers) or pass-through

Dimensions:

	Dimensions (H x W x D)			Weight (Chassis Only)	Weight (With RF Modules)	Volume
Single-Band	25.2"	12.2"	11.2"	65 lbs.	83 lbs.	1.56 cubic ft
	64 cm	30.99 cm	28.45 cm	29 kg	38 kg	.044 cubic M
Dual-Band	33.2"	12.2"	11.2"	81 lbs.	117 lbs.	2.10 cubic ft
	84.33 cm	30.99 cm	28.45 cm	37 kg	53 kg	.059 cubic M
Tri-Band	41.2"	12.2"	11.2"	97 lbs.	151 lbs.	2.64 cubic ft
	104.65 cm	30.99 cm	28.45 cm	44 kg	68 kg	.075 cubic M
Quad-Band	52.4"	12.2"	11.2"	116 lbs.	188 lbs.	3.40 cubic ft
	133.10 cm	30.99 cm	28.45 cm	53 kg	85 kg	.096 cubic M

Host Unit

Mounting: 19-inch rack

Dimensions (H x W x D): 5.25" x 19" x 8.43" (13.34 cm x 48.26 cm x 21.41 cm) (3 RUs)

Weight: <25 Pounds (<11 kg)

Remote Unit Power Requirements

Power Supply: 100-240 VAC, 50-60 Hz

48 VDC (OPTIONAL)

Battery Backup: Yes (optional external UPS)

Host Unit Power Requirements

Power Source: 21 to 60 VDC

Element Management

Embedded EMS: Yes

SNMP Based Management: Yes

Note: Unless noted otherwise specifications are typical and subject to change Fully Populated.



The Remote Unit may be field upgraded and serviced.

www.te.com/WirelessSolutions 1-800-366-3891 10/13 106969AE

MANUF.: TE CONNECTIVITY
MODEL: PRISM
WEIGHT: 116 LBS
WEIGHT: 188 LBS W/ MODULES



The Remote Units are available in single, dual, tri and quad band sizes to support up to four bands.



696-960 / 1710-2170 / 1710-2170 MHz

HTXCWW63111414Fxy0

Tri Band | FET Panel | XXX-Pol | 65° / 65° / 65° | 11.0 / 14.0 / 14.0 dBi | Fixed Tilt

- Tri band, fixed tilt panel antenna, 6 connectors
- Wide band performance
- Ideal solution for Small Cell applications

Ordering Options

When ordering, replace "x" in the model number with the desired low band electrical downtilt and "y" with the desired high band electrical downtilt (same tilt for both high bands). Tilt options are shown below under Electrical Tilt (°).

Electrical Characteristics	Low Band 696-960 MHz		High Band #1 and #2: 1710-2170 MHz		
	696-806	806-960	1710-1880	1850-1990	1900-2170
Frequency Bands (MHz)					
Polarization	±45°		2x ±45°		
Horizontal Beamwidth	75°	70°	65°	70°	75°
Vertical Beamwidth	42°	40°	18°	16°	14°
Gain	10.5 dBi	11.0 dBi	13.5 dBi	14.0 dBi	14.0 dBi
Electrical Downtilt (°)	(x) 0, 5		(y) 0, 2, 4, 6		
Impedance	50Ω		50Ω		
VSWR	≤ 1.5:1		≤ 1.5:1		
Front-to-Back Ratio	> 20 dB		> 25 dB		
Isolation Between Ports	> 25 dB		> 25 dB		
IM3 (2x20W carrier)	< -150 dBc		< -150 dBc		
Input Power	500 W		300 W		
Lightning Protection	Direct Ground				
Connector(s)	6 ports / 7/16 -DIN / Female / Bottom				

Mechanical Characteristics

Dimensions (Height x Width x Diameter)	589 x 305 x 180 mm		23.2 x 12.0 x 7.1 in	
Weight without Mounting Brackets	5.9 kg		13 lbs	
Survival Wind Speed	241 km/hr		150 mph	
Wind Area	Front:	0.18 m ²	Front:	1.9 ft ²
	Side:	0.11 m ²	Side:	1.1 ft ²
Wind Loads (160 km/hr or 100 mph)	Front:	219 N	Front:	49 lbf
	Side:	129 N	Side:	29 lbf



MANUF.: AMPHENOL
MODEL: HTXCWW63111414
BAND: TRI BAND
FREQ. (LOW): 696-960
FREQ. (HIGH): 1710-2170
POLARIZATION: ±45°
WEIGHT: 13 LBS

2 AMPHENOL HTXCWW63111414 ANTENNA

SCALE:
N.T.S.

DPB222R

Molded Case Switch

Main Ampere Rating	Maximum Ip Rating	Wire Size Range Cu/Al	Catalog Number
120V	240V	60°C or 75°C	

Galvanized Steel

50 10 #14-3 DPB222R #

Non-Metallic/Polycarbonate Enclosure

50 10 #14-2 BSNARM-A2 #

Notes

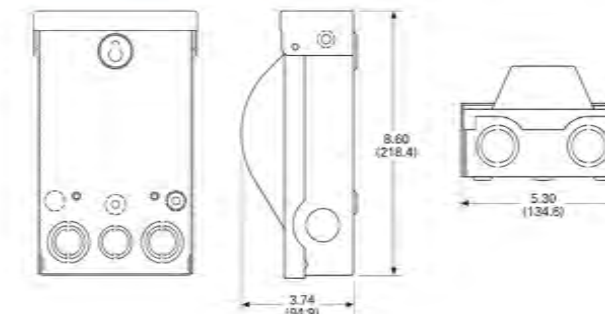
- For replacement pullout head, enter part number **96-3258-4**.
- To obtain a Service Entrance Rating, the addition of a **DPFG** (ground bar kit) is required.
- To obtain a Service Entrance Rating, the addition of a **GBARM** (ground bar kit) is required.
- For replacement molded case switch, enter part number **BR650NA**.

Technical Data and Specifications

- 10,000 amperes rms symmetrical interrupting rating
- Horsepower rated
- Fusible and non-fusible pullout and molded case switch designs
- 30 and 60 amperes available in fusible
- 60 amperes available in non-fusible and molded case switch
- Class H fuse clips provided on fusible pullout design
- WRTK (weather-resistant) temperature-resistant thermoplastic enclosure available

DPB222R and DPU362R

Approximate Dimensions in Inches (mm)



1 TE PRISM ENCLOSURE

SCALE:
N.T.S.

3 EATON 60 AMP DISCONNECT

SCALE:
N.T.S.



WA-CLEC, LLC

Engineering Firm:



WHERE QUALITY STILL COUNTS

6390 E. 49th Avenue

Commerce City, CO 80020

www.WYCOFS.com

Engineer Seal:

AB 5220
Exhibit 2
Page 21

Revision:	Drawn By:	Chk'd By:	Date:
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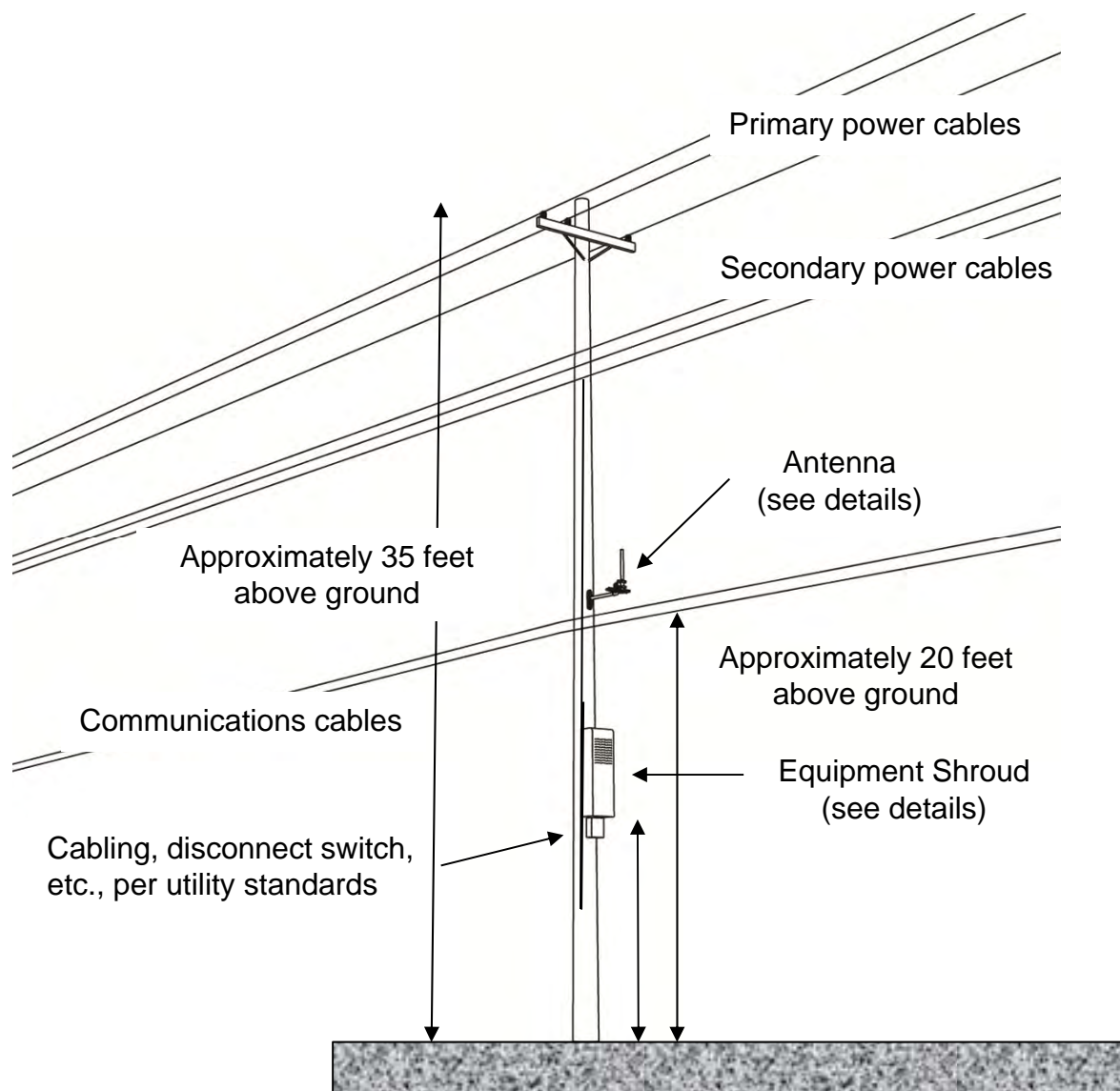
Coordinates (NAD 84):
LATITUDE: 47.54677166
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Paper Size & Scales:
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Sheet Title:
EQUIPMENT SPECIFICATIONS

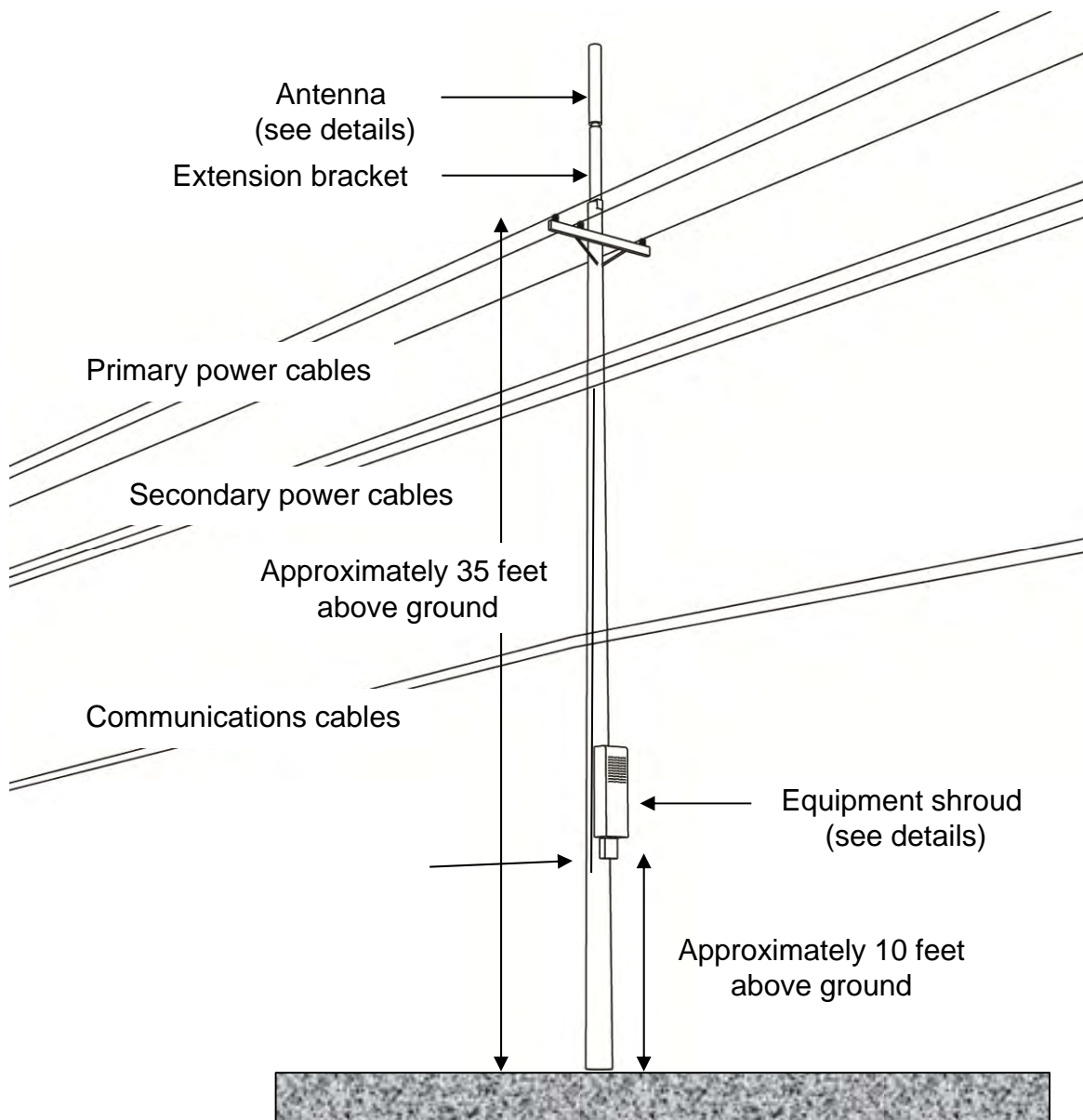
Sheet Number:
ZD-5

Wooden Power Pole: Antenna in Communications Space



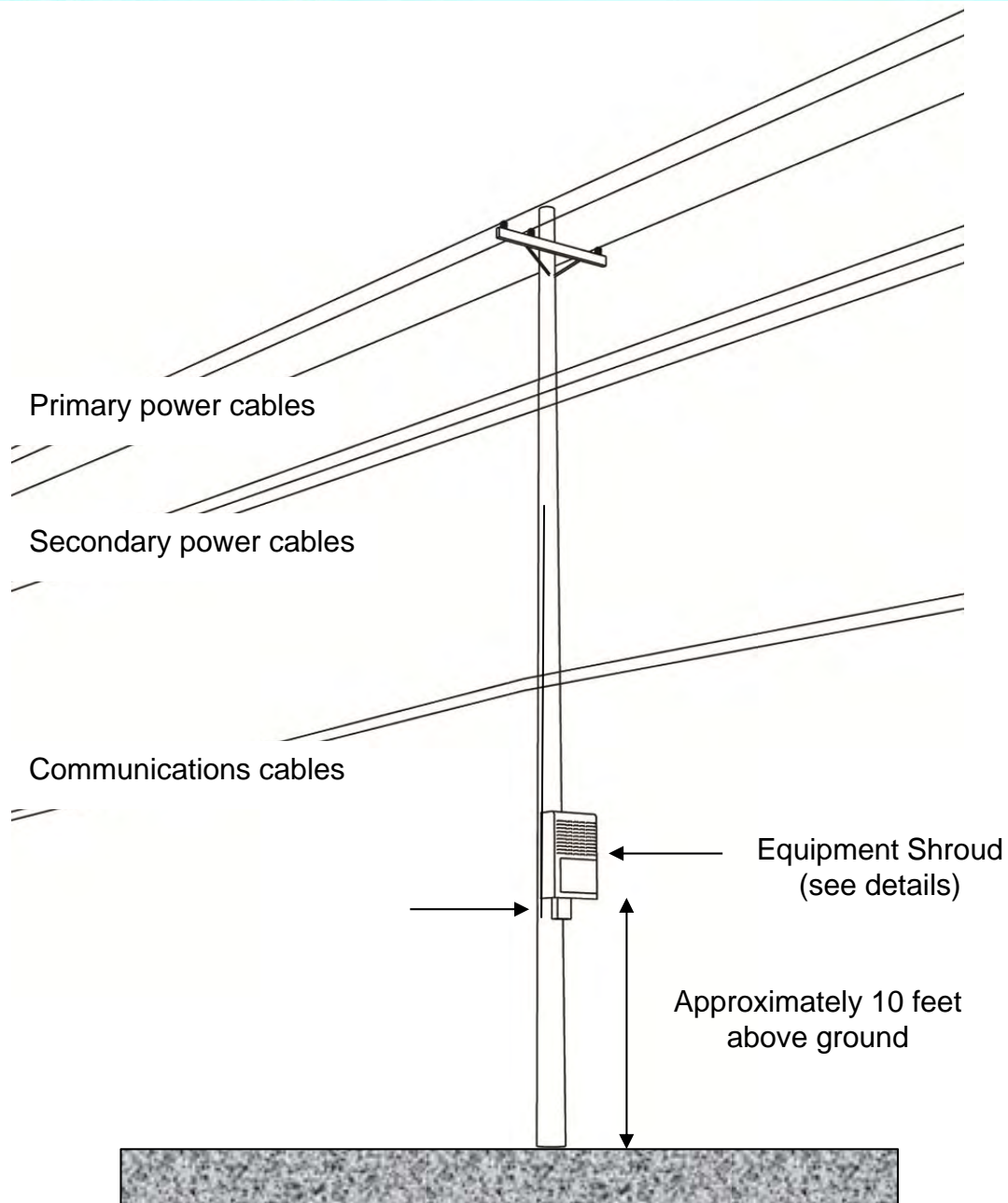
Scale approximate
Construction will meet national and local utility safety codes

Wooden Power Pole: Pole-top Antenna



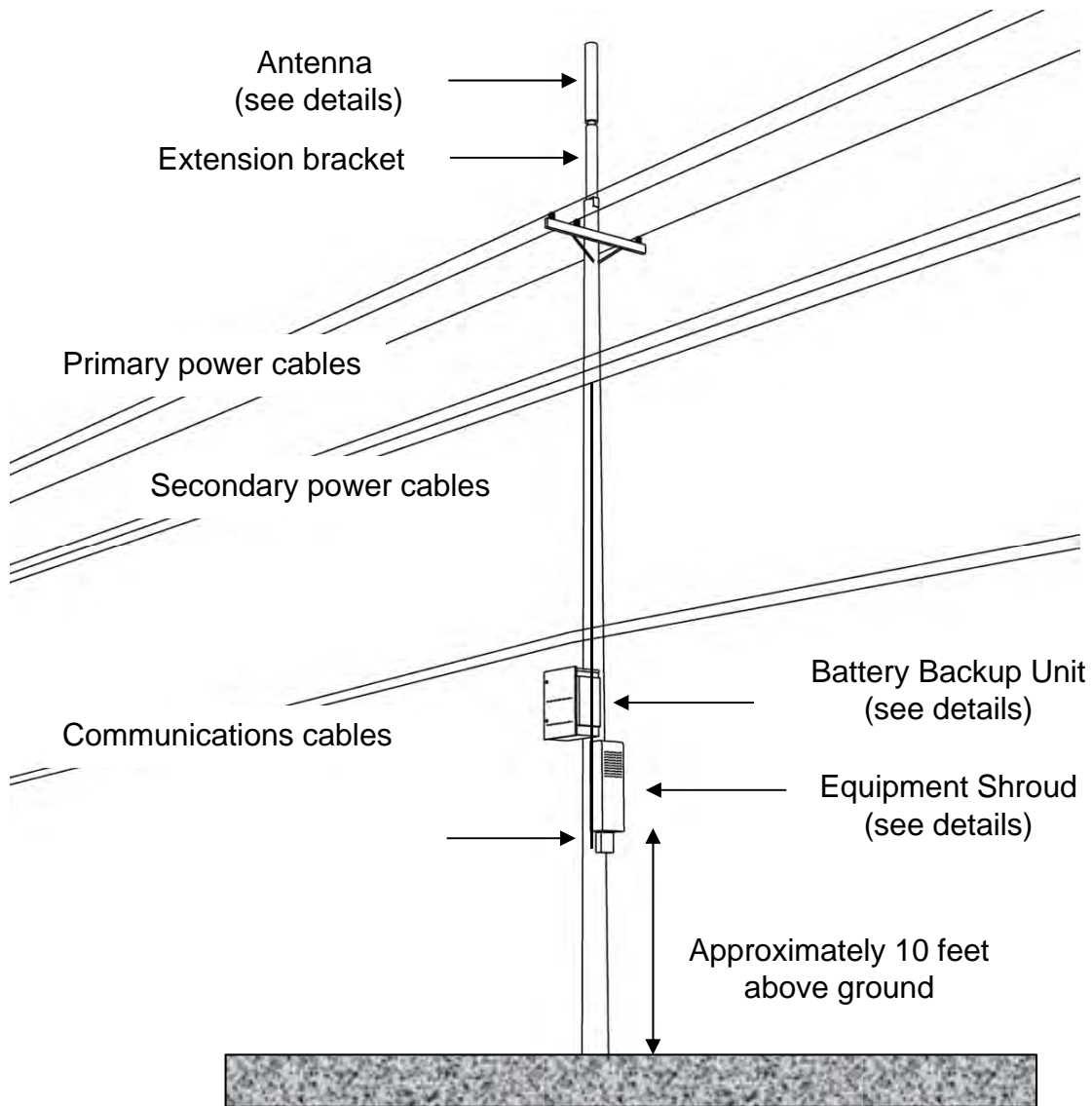
Scale approximate
Construction will meet national and local utility safety codes

Wooden Power Pole: No Antenna



Scale approximate
Construction will meet national and local utility safety codes

Wooden Power Pole: Pole-top Antenna, 2 Equipment Shrouds

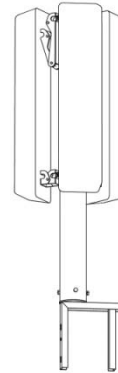


Scale approximate
Construction will meet national and local utility safety codes

Pole-top Antenna Designs



Cylindrical-style antenna
24 to 50 inches high,
2 to 10 inches in diameter



Panel-style antenna(s)
each 24 to 58 inches high,
8 to 12 inches wide,
4 to 10 inches deep,
Up to 3 panels per pole



Cylindrical-style antenna
48 to 72 inches high,
8 to 16 inches in diameter



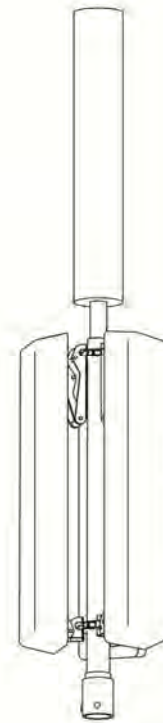
Drum-style antenna
24 to 26 inches high,
16 to 20 inches in diameter

Engineering and design determined on a site-by-site basis, some with extension bracket
Scale approximate

Pole-top Antenna Designs



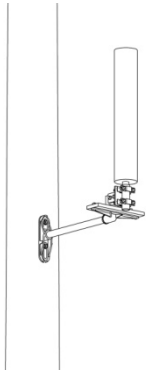
Omni (“whip”)-style antenna
48 to 72 inches high,
1 to 3 inches in diameter



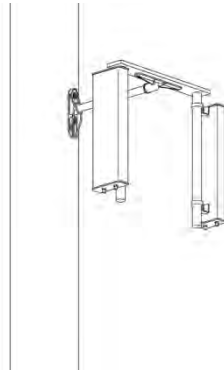
Cylindrical-style antenna atop
panel-style antenna(s):
cylinder 24 to 50 inches high,
2 to 10 inches in diameter;
each panel 24 to 58 inches
high, 8 to 12 inches wide,
4 to 10 inches deep,
up to 3 panels per pole

Engineering and design determined on a site-by-site basis, some with extension bracket
Scale approximate

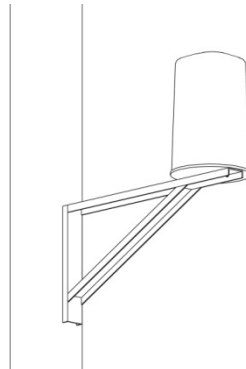
Communications Space Antenna Designs



Cylindrical-style antenna
24 to 36 inches high,
2 to 14 inches in diameter



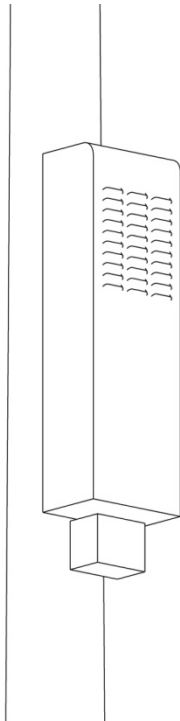
Panel-style antenna(s)
each panel 24 to 36 inches high,
8 to 12 inches wide,
6 to 10 inches deep,
Up to 3 panels per pole



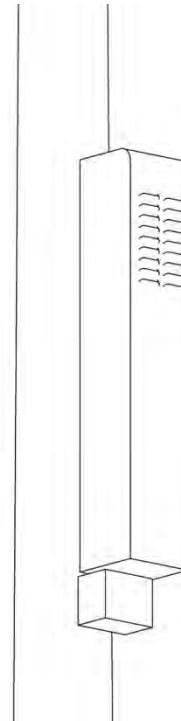
Drum-style antenna
24 to 26 inches high,
16 to 20 inches in diameter

Scale approximate

Equipment Shroud Designs



**Equipment Shroud
48 to 52 inches high,
12 to 31 inches wide,
10 to 15 inches deep**



**Equipment Shroud
48 to 70 inches high,
8 to 15 inches wide,
8 to 12 inches deep**

Scale approximate.

Mounting brackets, disconnect switch, electric meter (per utility standards), and associated attachments, such as channels, conduit, and grounding, to be constructed in accordance with national and local utility and safety codes.



**BUSINESS OF THE CITY COUNCIL
CITY OF MERCER ISLAND, WA**

**AB 5204
October 4, 2016
Regular Business**

2015 WATER SYSTEM PLAN	Proposed Council Action: Adopt the 2015 Water System Plan.
-------------------------------	--

DEPARTMENT OF	Public Works (Rona Lin and Anne Tonella-Howe)
COUNCIL LIAISON	n/a
EXHIBITS	<ol style="list-style-type: none"> Resolution No. 1517 AB 4977 (7/7/2014) Water System Plan Booster Chlorination Station Letter from Department of Health Water System Plan Approval Letter from Department of Health
APPROVED BY CITY MANAGER	

AMOUNT OF EXPENDITURE	\$	n/a
AMOUNT BUDGETED	\$	n/a
APPROPRIATION REQUIRED	\$	n/a

SUMMARY

At the meeting on Monday night, staff will present the completed 2015 Water System Plan for Council’s adoption. Per the City’s standard procedures for Plan adoptions, Resolution No. 1517 (Exhibit 1) is prepared for Council’s approval.

Public water systems are established to provide adequate quantity and quality of water to their customers with reliable operations. A water system plan, approved by the Washington Department of Health (DOH), serves as a standard guideline for system owners to ensure that the water utility infrastructure and performance are safe and reliable.

In accordance with chapter 246-290 WAC, the City is required to update its Water System Plan (Plan) every six years. The current Plan was previously adopted in 2008 and updated in 2014. This updated Plan (2015 Plan) was discussed with the Council during the July 7, 2014 Study Session (AB 4977 is attached as Exhibit 2). At the Study Session, the Council concurred with the schedule to adopt the final 2015 Plan later that year after comments from the City Council and other agencies had been incorporated into the document.

The 2015 Plan was scheduled to return to the Council in October 2014 for adoption. Unfortunately, in late September 2014, the Water Advisory Event (Event) occurred which delayed adoption of the Plan. Following the Event, the City was required by DOH to complete the Coliform Response Action Plan (including the design of the Booster Chlorination Station) and update two key elements of the drafted 2015 WSP Plan:

- 1) the Cross-Connection Control Plan (CCCP), and
- 2) the Coliform Monitoring Plan (CMP). All other elements of the drafted 2015 Plan, with some minor edits, were approved by DOH.

At the October 4 Council meeting staff will provide an overview of the two key elements required for the Plan adoption.

Booster Chlorination Station Project

Following the discussion and direction of the Council at the July 19 Council meeting, staff is moving forward with the design of a Booster Chlorination Station. The design is expected to be completed in 2017. As part of the proposed 2017-2022 Capital Improvement Program, staff has recommended funding construction of this Station in the 2017-2018 biennium. The purpose of the booster chlorination station is to, when necessary, augment the chlorine residual levels in the drinking water supplied by Seattle Public Utilities to maintain a higher concentration of secondary disinfectant in the City's distribution system and prevent coliform growth. The project is scheduled to return to the Council in November as part of the 2017-2018 Capital Improvement Program Preliminary Budget Review.

Based on input received from DOH in a letter dated September 1, 2016 (Exhibit 3) the Booster Chlorination Station will be included as an amendment to the Plan once the project is completed and operational procedures have been developed. The Booster Chlorination Station Project including operations, will be included in the 2021 update of the Water System Plan.

Cross-Connection Control Plan

The CCCP objective is to ensure that all potential pathways for contamination are safeguarded with certified devices and routine inspection. These key elements have been included in the CCCP and meet the requirements set forth by DOH:

- Adoption of a written legal instrument authorizing the establishment and implementation of a Cross-Connection Control (CCC) program;
- Development and implementation of procedures and schedules for evaluating new and existing service connections to assess the degree of hazard;
- Development and implementation of procedures and schedules for elimination and/or control of cross-connections;
- Provision of qualified personnel, including at least one person certified as a Cross-Connection Specialist (CCS), to develop and implement the CCC program;
- Development and implementation of procedures to ensure that approved backflow preventers are inspected and/or tested (as applicable);
- Development and implementation of a backflow prevention assembly testing and quality control program;
- Development and implementation (when appropriate) of procedures for responding to backflow incidents;
- Development and implementation of a cross-connection control public education program;
- Development and maintenance of cross-connection control records; and
- Additional cross-connection control requirements for reclaimed water.

On June 15, 2015, the City Council adopted Ordinance No. 15C-09, amending chapter 15.4 MICC, Unlawful Cross Connections. The ordinance was needed to provide staff with enforcement tools to help ensure that all back flow prevention assemblies be installed and annually tested wherever a cross-connection to the water system exists. In March 2016, with the approval of the City Council, a Water Quality Technician who is also a certified cross-connection control specialist (CCS) was hired to oversee the CCCP, including the development and implementation of the program, as well as public education, outreach and quality control for backflow assembly testing. Currently the City is working with residents, starting with the areas of the highest risks, to identify potential cross-connection points and to implement the control measures outlined in the updated CCCP.

Coliform Monitoring Plan

The CMP has been updated to meet the requirements set forth by DOH and ensure that the water quality within the City's water system is closely monitored and tested. Key elements of the CMP include:

- Agency notification requirements;
- Collection of repeat samples and locations or alternate locations;
- Inspection of potential pathways;
- Review of the repeat samples; and
- Standard operating procedures and assessments.

Agency Reviews

The draft 2015 Plan was originally submitted to both Seattle Public Utilities (SPU) and DOH in July 2014. Following the 2014 Water Advisory event, the agencies required updates of the CCCP and CMP and had several review comments and questions of the 2015 Plan. The comments and questions ranged from water service connections, water standard details, water modeling, and the regional conservation goal. In response to each of these comments and questions, the City provided clarifications, updates, and new information to the agencies.

On June 30, 2016, all revisions, including the submittal of the updated CCCP and CMP elements, were submitted to DOH and SPU for review. The Plan was preliminarily accepted one week later. A copy of the WSP approval letter from DOH is attached as Exhibit 4. The draft 2015 Plan, including comments from DOH and SPU in Appendix C, can be found at: www.mercergov.org/files/2015WaterSystemPlan.pdf.

Final Plan Adoption

The 2015 Water System Plan is now ready for Council's adoption. All revisions have been incorporated. Following the council's adoption, the 2015 Plan along with the Resolutions will be submitted to DOH for final approval. To adopt the 2015 Water System Plan, the Council is hereby requested by staff to approve Resolution No. 1517 (Exhibit 1).

RECOMMENDATION

Water Utilities Engineer and Assistant City Engineer

MOVE TO: Approve Resolution No. 1517, adopting the 2015 City of Mercer Island Water System Plan.

**CITY OF MERCER ISLAND
RESOLUTION NO. 1517**

**A RESOLUTION OF THE CITY OF MERCER ISLAND, WASHINGTON
ADOPTING THE CITY OF MERCER ISLAND 2015 WATER SYSTEM PLAN**

WHEREAS, the City of Mercer Island's comprehensive Water System Plan describes the existing water system and service area, forecasts future demands, identifies policies and design criteria for water system operation and improvements, describes the operations and maintenance program, and identifies a schedule of improvements; and

WHEREAS, the City of Mercer Island's previous Water System Plan revisions were approved by the Washington State Department of Health, Office of Drinking Water in 2008; and

WHEREAS, the Washington State Department of Health administers the Safe Drinking Water Act, RCW 43.21A.445; and

WHEREAS, the Washington State Department of Health Public Water Supplies Rules, WAC 246-290-200, require that the City update its comprehensive Water System Plan every 6 years; and

WHEREAS, the City of Mercer Island Public Works Department has reviewed the City of Mercer Island Water System Plan, the existing water system, and its operation; and

WHEREAS, the City of Mercer Island Public Works Department has studied the current and projected conditions by computer modeling and developed a comprehensive plan to meet the City's water system needs to the year 2035 and beyond; and

WHEREAS, the City of Mercer Island Public Works Department, on the basis of said review, has created the 2015 Water System Plan, dated July 2016, to update the existing Water System Plan to address the needs of the City of Mercer Island; and

WHEREAS, the City of Mercer Island Public Works Department has submitted the 2015 Water System Plan to the Washington State Department of Health and obtained preliminary approval of that plan.

NOW, THEREFORE, IT IS HEREBY RESOLVED by the City Council of the City of Mercer Island that the 2015 Water System Plan, dated July 2016, is hereby adopted as the official Water System Plan for the City of Mercer Island.

ADOPTED BY THE CITY COUNCIL OF THE CITY OF MERCER ISLAND, WASHINGTON AT ITS REGULAR MEETING ON THE 4TH DAY OF OCTOBER, 2016.

Bruce Bassett, Mayor

ATTEST:

Allison Spietz, City Clerk



**BUSINESS OF THE CITY COUNCIL
CITY OF MERCER ISLAND, WA**

**AB 4977
July 7, 2014
Study Session**

2015 WATER SYSTEM PLAN

Proposed Council Action:

No formal action is required. Receive report on Draft 2015 Water System Plan.

DEPARTMENT OF Maintenance (Rona Lin)

COUNCIL LIAISON n/a

EXHIBITS 1. Executive Summary

APPROVED BY CITY MANAGER

AMOUNT OF EXPENDITURE	\$	n/a
AMOUNT BUDGETED	\$	n/a
APPROPRIATION REQUIRED	\$	n/a

SUMMARY

An overview of Mercer Island's Draft 2015 Water System Plan (WSP) will be presented at the Study Session on July 7, 2014. The Washington State Department of Health (DOH) requires this plan of all water system operators and requires that it be updated every six years. The DOH approval process requires the City Council to adopt the plan prior to DOH's final acceptance. Staff will bring the final WSP to the Council for adoption this fall. Presented in Exhibit 1 is the Executive Summary of the Draft 2015 Water System Plan.

BACKGROUND

Public water systems are established to provide adequate quantity and quality of water to their citizens/customers with reliable operation. A WSP, approved by DOH, serves as a standard guideline for the system's owners to ensure that the water utility's infrastructure and performance are safe and reliable.

In accordance with DOH regulation WAC 246-290, the City is required to update its WSP every six years. The current WSP was approved in 2008.

Recognizing that some jurisdictions are not experiencing significant growth and that their water demands have not increased as previously expected, DOH is now allowing jurisdictions to update their water system plan with an "appropriate level of planning" approach. Full-scale updates of system plans are not required if the water utility determines that service area growth is limited and the water demand forecast remains close to the previous planning years.

During a pre-planning meeting in July 2013, DOH agreed to allow the City to use the "appropriate level of planning" approach for this WSP update. The rationale is that the City is not expanding its service area, and demand has declined slightly in the past six years.

The City retained the firm HDR to assist with the 2015 WSP update. The project kicked off in January 2014. City staff and HDR have been working together on data collection, system information verifications, policies review, water demand review and forecast, system analysis, chapter edits, and other associated updates. The update should be delivered to DOH by the end of this month.

OUTLINE OF MAJOR CHANGES

With assistance from HDR, the City has applied the concept "appropriate level of planning" by updating specific sections to document changes in the demand forecast, conservation program, emergency response plan, capital improvement program, and financial forecasts.

Key changes of the existing WSP are highlighted below:

1. Demand Forecast

- Per capita water use has declined since the 2008 WSP. Residential water usage averaged 202 gallons per day per household from 2008 to 2013, with a total average day demand of 2.0 million gallons per day (MGD). This is a decrease from the average usage between 2001 and 2006 which was 247 gallons per day per household with a total average day demand of 2.3 MGD.
- The updated 20-year demand forecast is reduced by approximately 20% from the 2008 water system plan. Major factors contributing to a reduction in projected demand include a decrease in per capita water use and lowered population and employment projections from the Puget Sound Regional Council.

2. Conservation Program

- Seattle Public Utilities (SPU) adopted a new regional conservation program (Saving Water Partnership) for the period of 2013 to 2018. The City, as in the past, continues to participate in the regional conservation program and its goals. City specific conservation measures, such as public education, landscape management, and distribution of low-flow showerhead and faucet aerators will continue to be implemented as part of the new regional conservation program.
- The City adopted the regional conservation goal at the City Council meeting on February 24, 2014. The adopting legislation is contained within Resolution 1478. The regional goal is to reduce per capita water use from current levels so that the total average annual retail water use of the Saving Water Partnership is less than 105 MGD from 2013 through 2018 despite forecasted population growth.

3. Emergency Response Plan

- The Water Utility's Emergency Response Plan has been updated to include procedures and activities associated with the new emergency well.
- Construction of the emergency well was completed in the spring of 2010. Every detail of the well was designed so that volunteers could activate and operate the well facility during an emergency. The well is capable of providing 5 gallons per person per day for up to 7 days in the event that the supply from SPU is interrupted.

4. Capital Improvement Program (CIP)

- A major focus of the CIP is to replace and upgrade water mains. To support this, a ranking matrix was established in 2005 to prioritize mainly undersized mains, which was defined as 4 inches or less in diameter. As part of the planning process this year, the ranking matrix was updated after extensive internal review and input from HDR. The matrix is now used to prioritize all water mains of 8 inches and smaller in diameter. This ranking process yields a list of "sub-standard" mains, which generally are water mains that are aging, deteriorating, and problematic in some way. The ranking criteria within the matrix includes pipe material, age, fire flow capacity, and repair record.

- Improvements on other system components such as pressure reducing valve stations (PRVs), fire hydrants, water meters, air-vacuum release assemblies, and blow-off assemblies are also part of the CIP.
- Long-term maintenance improvements are discussed for other system components such as reservoir tanks internal coatings and external painting, master meter replacements, booster pump stations and telemetry system upgrades.
- An overview of the six-year and a 20-year CIP was developed for all major components of the Island's water system. This is shown on Table 7-3 of the WSP and can be shared with interested Council Members.

5. Financial Projections

- Financial projections for the Water Utility, which are taken from the Water Fund Forecast developed by the Finance Department, indicate that to fully fund operating and maintenance expenses, capital costs and to maintain reserve balances, an average annual rate adjustment of 8% will be necessary through 2020. This would cover expected increases in wholesale water costs from SPU, declining water usage, and increases in personnel labor costs, and operations and maintenance expenses.

The final version of the 2015 Draft WSP will be completed after comments are incorporated from the City Council and other agencies. DOH will be given the final version of the Plan once adopted by the City Council. Staff plans to bring the WSP back to the Council for adoption in October 2014.

RECOMMENDATION

Utilities Engineer

No formal action is required. Adoption is targeted for October 2014.

EXECUTIVE SUMMARY

The City of Mercer Island has prepared this Water System Plan to outline the City's planning strategy for the next 20 years. The Plan has been prepared in accordance with the Washington Administrative Code 246-290-100, requiring water purveyors to update their water system plan every six years, and supersedes the 2008 Water System Comprehensive Plan.

This Plan analyzes the City's existing water system and its operation, provides guidance to evaluate the impacts of future growth and recommends necessary improvements to the water system to ensure the City remains on the forefront in providing high-quality water service to its current and future customers. The plan was prepared in 2014, and the Plan date (2015) reflects the issuance year.

The City's goals as set forth in the 2015 Water System Plan are to:

1. Preserve public safety.
2. Maintain adequate water volume for fire fighting.
3. Maintain adequate water volume for basic sanitation.
4. Maintain consumptive value and water quality.

The 2015 Water System Plan carries forward the policies and intent of the 2008 Plan and provides updated documentation and direction for implementing the key functions of the City. The Plan is designed to fulfill all local, state and federal obligations and regulations and is a summary of the manner in which the City will continue to fulfill its mission as a water service provider.

BACKGROUND

The City of Mercer Island owns and operates the municipal water system under the jurisdiction of the Washington Department of Health. In 1960, the City became a municipal corporation. Prior to its incorporation, water service on the Island was provided by several purveyors including the Seattle Water Department and various King County Water Districts. In the years between 1966 and 1972, the City expanded its service area with the addition of King County Water District 93's water system; the area served by King County Water District No. 91; and in 1996, the Mercer Crest water system.

Mercer Island is a kidney-shaped island situated in Lake Washington with a land mass of 4,000 acres. It is connected to the cities of Seattle and Bellevue by the I-90 freeway across the north end of the island. Currently, Mercer Island remains mostly single-family residence with a moderately developing business district at the Town Center on the northern part of the Island, and one small business district at the south side. At this time, the water system serves the entire island except for the Shorewood Apartments, located in a relatively small area south of I-90, which is served by Seattle Public Utilities (SPU). The City has no immediate plans to become the water supplier to the Shorewood Water System.

The City provides water to 7,376 retail customers through 7,477 connections, as of the end of 2013. Single-family residences account for approximately 95% of system connections and 77% of water use. All of the City's water is purchased from and supplied by SPU through a distribution system comprising 121 miles of pipeline, two 4 million-gallon storage tanks and two



pump stations. A majority of the water originates in the Cedar River Watershed, with occasional supplementation from the Tolt River supply system.

PLANNING AND FORECASTING

The City of Mercer Island strives for consistency with all current and projected land use, zoning, population, and water use regulations in the maintenance, operation and expansion of its water system. The City's water planning area is consistent with the King County Coordinated Water System Plan. Land use and zoning within the service area are currently designated by the City of Mercer Island.

The City has a long-term source of supply under a contract with the City of Seattle that remains in effect until January 1, 2062. The contract will supply the City with water at the minimum hydraulic gradient up to a maximum flow rate that totals to 3,205 gallons per minute (GPM) for the three services to the City.

In compliance with the Water Use Efficiency (WUE) Rule, distribution leakage averaged less than 10% of its supply over the past two years (9%). It is not possible to estimate the three-year average due to SPU supply metering issues from 2009 to 2011. The 2014 City planning value is 202-gallons per day per ERU. represents a reduction from the 2008 planning value of 247 gallons per day per ERU.

Using planning information from the Puget Sound Regional Council, the City projected population growth, user accounts, and future water demand through the year 2034. Analysis of the account projections indicates that the commercial sector will experience the most significant growth, due largely to redevelopment in the City's Town Center. A summary of the planning data is shown in Table E-1. The total number of accounts is projected to grow from 7,552 in 2015 to 7,874 in 2034.

Table E-1. Projected Accounts

Classification	2015	2020	2025	2034	Average Annual Growth
Single-Family	7,198	7,366	7,442	7,485	0.21%
Multifamily	104	105	105	106	0.07%
Commercial	181	197	200	212	0.92%
Government	69	71	71	71	0.21%
Total	7,552	7,738	7,818	7,874	

Projecting future water demand is one of the key elements of the water system planning process. Identification of system improvements such as supply, pumping, storage and piping requirements are all related to demand projections. Future water system demands are based on projected ERUs, which in turn are based on the projected water consumption by customer classification and the projected number of accounts. Figure E-1 shows the projected annual water usage through the 20-year planning period.



EXECUTIVE SUMMARY

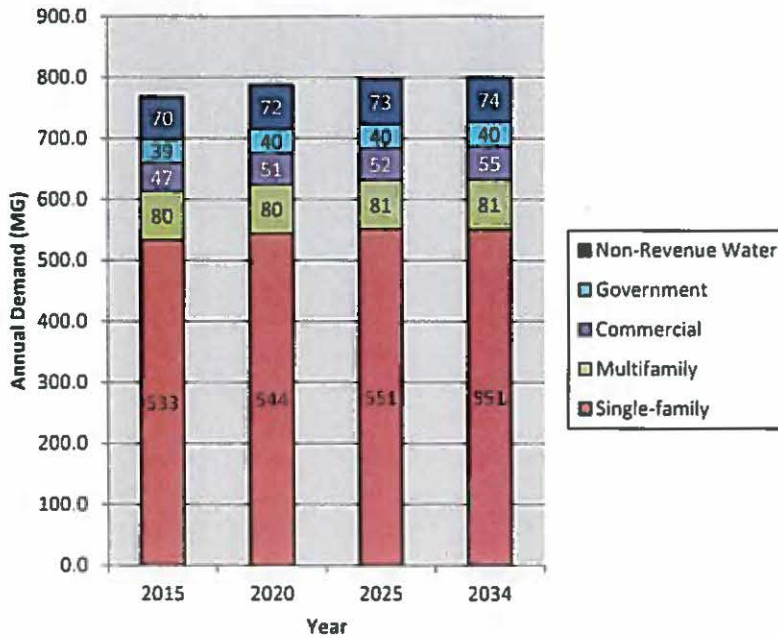


Figure E-1. Projected Annual Demand, without WUE

POLICIES AND CRITERIA

The City manages and operates its water system in accordance with all applicable Federal, State and local regulations. The City has discretion in setting the performance, design criteria, and standards for its water system; however, these must meet or exceed the minimum standards for public water supplies set by the Washington State Department of Health through Washington Administrative Code 246-290.

Policies established by the City provide a framework for planning, design, operation and management of its system. The City's criteria provide the requirements necessary to implement and enforce the established policies. The criteria focus on planning and design parameters developed to establish consistency and to ensure adequate levels of service throughout the system, including interlocal agreements with neighboring jurisdictions to ensure regional water supply coordination.

Other publications, such as the Comprehensive Water System Plan for the City of Mercer Island (2008), Mercer Island Comprehensive Plan (July 2005), SPU's 2013 Water System Plan (April 2013), East King County Coordinated Water System Plan (CWSP, 1990) Addendum (1993) and Update (1996), Watershed Planning, and Emergency Operations Plan document the design standards and procedures for development of the water system.

SYSTEM ANALYSIS

The City's water system is classified as a Group A system and, as such, the City is responsible for monitoring and complying with all applicable Safe Drinking Water Act and Washington



Administrative Code regulations pertaining to source water and distribution system water quality. The City's monitoring program requires collection of water samples at identified locations on a regular basis to verify compliance with the Washington State Department of Health drinking water standards.

The City of Mercer Island's water system comprises two supply lines, two steel storage reservoirs totaling 8 million gallons, two independent routes to fill the reservoirs, two booster pump stations, 121 miles of distribution watermain and 85 pressure-reducing stations. Water purchased from SPU is treated differently at each source. The Cedar system has intake screening, ultraviolet disinfection, ozonation, chlorination, fluoridation, and corrosion control. The Tolt system has intake screening, filtration (direct) ozonation, chlorination, fluoridation and corrosion control.

A hydraulic analysis of the City's water system facilities was performed to evaluate the ability of the storage facilities, transmission and distribution piping, and other system components to safely meet the needs of its customers.

Results of the hydraulic analysis identified areas exhibiting less than the minimum system pressure (30 psi) and other areas exhibiting higher than recommended pressure. These extremes are caused primarily by high and low points in the topography, not hydraulic factors. Areas of low pressure are near facilities like pump stations and reservoirs without any customer connections. The City manages high pressures in the system by installing pressure reducing valves and pressure relief valves (one currently exists in Town Center) where applicable. Fire flow analysis results for maximum day demand conditions identified available fire flow deficiencies. Improvement projects proposed in the Capital Improvement Program are recommended to remedy these deficiencies, improve available fire flow and simplify system operation.

Storage analysis for 2020 and 2034 indicates that Mercer Island's system will have adequate storage for the next 20 years, based on current growth projections.

WATER USE EFFICIENCY

The City is committed to efficient use of the water supply. The City historically participated in the regional Water Use Efficiency program in conjunction with Seattle Public Utilities, and has produced quantifiable water savings through operations and maintenance, plumbing retrofit programs, water rates, metering improvements, technical assistance and public information programs to educate customers about conservation. Total water use reduction is estimated to be 564 million gallons between 2008 and 2013.

The City continues to participate in SPU's regional conservation program titled "Saving Water Partnership." The City adopted the 6-year regional conservation goal on February 24, 2014 through Resolution No. 1478. The regional goal is to reduce per capita water use from current levels so that the total average annual retail water use of the Saving Water Partnership is less than 105 MGD from 2013 through 2018 despite forecasted population growth.

The City implements 16 Water Use Efficiency program measures which exceeds the minimum requirement of 6. The measures include conservation rate structure, customer leak notification and assistance, public education, landscape management, and low flow faucet and showerhead distribution. Water conservation measures are consistent with, and strive to exceed, all local, state, and federal laws and regulations.

It is essential for the City to continue its Water Use Efficiency Program and implement enhanced measures to achieve its water use efficiency target. Given the City's existing program and proposed measures, it is expected that this goal will be met.



OPERATIONS AND MAINTENANCE

The City is committed to ensuring that its water system is well managed and maintained to continue to supply quality water to its customers. To accomplish this, the City performs regular maintenance of all facilities and equipment, which are monitored in accordance with manufacturers' recommendations. The City's water system, operated under the Water Utility of the City's Maintenance Department, is managed by the Utilities Operations Manager and a staff of 14 employees, who are certified by the State to work on the water distribution system.

The City's Emergency Response Plan defines the organization, responsibilities and procedures for response to emergency situations. The Plan includes elements for direction and control, situation analysis, public information, support functions and response procedures. In 2010, the City completed construction of an Emergency Well. The Well is designed to temporarily provide the Island with water in the event water supply from SPU is disrupted during a disaster. The Well is not connected to the distribution system, yet is designed to be readily operated by volunteers. In the event of a disaster, an Incident Command Strategy has been established to aid decision making and maximize resource use.

The City performs in-house system improvements to the water system outside of the Capital Improvement program, including water service replacement and upgrades, fire hydrant replacement, and improvements to other water system components. Water system employees receive ongoing training and operational education to further enhance the operation and reliability of the system.

IMPROVEMENTS

The City has identified \$15.6 million in capital projects to be constructed between 2015 and 2020. These costs are based on 2014 dollars and reflect actual project costs from the previous three years. Project costs should be reevaluated and adjusted to account for inflation and changing market conditions at the time of construction.

The overall and long-term system improvements identified within this section focus on bringing the existing water system as close as possible to meeting the City's water system policies and goals. All identified projects belong to one of the four categories: Distribution System, Pump Station, Others, and SPU Pipeline between East Channel and the reservoir.

- **Distribution System:** Sub-standard watermain replacement and new watermain installation.
- **Pump Stations:** Back-up generator for Reservoir Pump Station and the Emergency Well at Rotary Park.
- **Other:** Hydrant and water system component (PRV, valves, etc) replacement, water system plan update, water model update, and meter replacement program.
- **SPU Supply System:** Repairs and improvements to the SPU supply system.

These projects are designed to help fulfill the City's mission to provide adequate water supply and improved water quality to the water service area now and in the future.

FINANCIAL INFORMATION

The City of Mercer Island's primary function is to provide potable water, fire suppression, and irrigation services to its customers at the lowest reasonable price, assuring reliability of source,



EXECUTIVE SUMMARY

water quality, storage and distribution. Costs are met through a combination of rate charges to existing customers and capital facilities charges collected from new customers.

The City of Mercer Island has prudently issued little debt over the years, maintaining a sizable debt capacity. The City has consistently followed a conservative fiscal management policy, which is reflected by the high Aa1 rating from Moody's Investors Service.

The City has a long-range financial plan which enables it to: 1) meet projected capital and operational requirements outlined in their Plan; and 2) minimize or forestall future rate increases. The financial plan includes a capital funding strategy which relies on cash resources including reserves, policy-based funding, grant proceeds and revenue bond proceeds. The financial projection for the utility indicates that to fully fund the operating and maintenance expenses, capital costs and to maintain reserve balances, an average annual rate adjustment of 8% is necessary through 2020.

DEFINITION OF TERMS

Capital Facilities Charge

A one-time fee is paid by a property owner when connecting to the City's water system. This fee pays for the new customer's equitable share of the cost of the existing system. This fee offsets the costs of providing water to new customers and recognizes that the existing water system was largely built and paid for by the existing customers.

Consumption

Water consumption is defined to be the quantity of water purchased by Mercer Island residents.

Cross-Connection

A physical arrangement that connects a public water system, directly or indirectly, with anything other than another potable water system and, therefore, presents the potential for contaminating the public water system.

Demand

The quantity of water required from a water supply source over a period of time necessary to meet the needs of domestic, commercial, industrial, and public uses, and to provide enough water to supply fire fighting, system losses, and miscellaneous water uses. Demands are normally discussed in terms of flow rate, such as million gallons per day (mgd) or gallons per minute (gpm), and are described in terms of a volume of water delivered during a certain time period. Flow rates pertinent to the analysis and design of water systems are:

- **Average Day Demand (ADD):** The total amount of water delivered to the system in a year divided by the number of days in the year.
- **Maximum Day Demand (MDD):** The maximum amount of water delivered to the system during a 24-hour time period of a given year.



EXECUTIVE SUMMARY

- **Peak Hour Demand (PHD):** The maximum amount of water delivered to the system, excluding fire flow, during a one-hour time period of a given year. A system's peak hour demand usually occurs during the same day as the peak day demand.

Equivalent Residential Units (ERU)

One ERU represents the amount of water used by one single-family residence for a specific water system. The demand of other customer classes can be expressed in terms of ERUs by dividing the demand of each of the other customer classes by the demand represented by one ERU.

Fire Flow

The rate of flow of water required during fire fighting, which is usually expressed in terms of gallons per minute (gpm).

Head

A measure of pressure or force by water. Head is measured in feet and can be converted to pounds per square inch (psi) by dividing feet by 2.31.

Head Loss

Pressure reduction resulting from pipeline wall friction, bends, physical restrictions, or obstructions.

Hydraulic Elevation

The height of a free water surface above a defined datum; the height above the ground to which water in a pressure pipeline would rise in a vertical open-end pipe.

Maximum Contaminant Level (MCL)

The maximum permissible level of contaminant in the water that the purveyor delivers to any public water system user, measured at the locations identified under *WAC 246-290-300*.

Potable

Water suitable for human consumption.

Pressure Zone

A water system subsection operating from sources at a common hydraulic elevation.

Purveyor

An agency, subdivision of the State, municipal corporation, firm, company, mutual or cooperative association, institution, partnership, or persons or other entity owning or operating a public water system. Purveyor also means the authorized agents of such entities.



Supply

Water that is delivered to a water system by one or more supply facilities which may consist of supply stations, booster pump stations, and wells.

Storage

Water that is "stored" in a reservoir to supplement the supply facilities of a system and provide water supply for emergency conditions. Storage is broken down into the following four components which are defined and discussed in more detail in Chapter 4.

- Operational
- Equalizing
- Standby
- Fire Flow

Unaccounted for Water

Water that is measured as going into the distribution system but not metered as going out of the system. Unaccounted for water is calculated to be the difference between the volume of water purchased by the City from SPU and the volume of water sold to customers.

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STATE OF WASHINGTON
DEPARTMENT OF HEALTH
NORTHWEST DRINKING WATER REGIONAL OPERATIONS
20425 72nd Avenue South, Suite 310, Kent Washington 98032-2388

September 1, 2016

JASON KINTNER, PUBLIC WORKS DIRECTOR
CITY OF MERCER ISLAND
9611 SE 36TH STREET
MERCER ISLAND WA 98040-3732

Subject: City of Mercer Island Water System ID#53640
King County
Water System Plan – Booster Chlorine Station

Dear Mr. Kintner:

The Washington State Department of Health acknowledges the significant effort the City has invested in the water system in response to the September 2014 E.coli contamination event.

This letter supports the City's intention to include the design of the Booster Chlorine Station, identified as an action item in the Coliform Response Action Plan, as an amendment to the 2015 Water System Plan approved on July 12, 2016.

Sincerely,

Derek Pell, PE
Assistant Regional Manager
NW Drinking Water Office

cc: Steve Hirschey, King County UTRC
Lynn Schneider, Public Health – Seattle & King County
Melinda Friedman, PE – Confluence Engineering
Eric Habermeyer, PE – HDR





STATE OF WASHINGTON
DEPARTMENT OF HEALTH
NORTHWEST DRINKING WATER REGIONAL OPERATIONS
20425 72nd Avenue South, Suite 310, Kent Washington 98032-2388

July 12, 2016

TERRY SMITH, UTILITIES OPERATIONS
MERCER ISLAND, CITY OF
9601 SE 36th STREET
MERCER ISLAND WA 98040

Subject: Mercer Island, City of – Water System ID# 53640
King County
2014 WSP- Approval
Submittal #14-0804

Dear Mr. Smith:

The City of Mercer Island (the City) water system plan (WSP) received in this office on August 5, 2014, with a subsequent submittal on June 30, 2016 have been reviewed and in accordance with the provisions of WAC 246-290-100, is hereby APPROVED.

Approval of this WSP is valid as it relates to current standards outlined in Washington Administrative Code (WAC) 246-290 revised April 2016, WAC 246-293 revised September 1997, RCW 70.116, and is subject to the qualifications herein. Future revisions in the rules and statutes may be more stringent and require facility modification or corrective action. An approved update of this WSP is required on or before **July 12, 2022** unless ODW requests an update or plan amendment pursuant to WAC 246-290-100(9).

APPROVED NUMBER OF CONNECTIONS

The analysis provided in this WSP shows the water system has sufficient capacity to meet the growth projections during this planning period. The City of Mercer Island water system can support an **“unspecified”** designation for its approved number of connections. A specific number of approved connections will not be applied at this time. Development may occur in compliance with the schedule and information provided in this WSP. This designation may be rescinded (and replaced with a specified number of approved connections) if ODW determines that the WSP is no longer representative of system activities.

LOCAL GOVERNMENT CONSISTENCY

This document meets local government consistency requirements for WSP approval pursuant to RCW 90.03.386 and RCW 43.20.

AB 5204

Exhibit 4

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SERVICE AREA AND DUTY TO SERVE

Pursuant to RCW 90.03.386(2), the service area identified in this WSP service area map may now represent an expanded "place of use" for this system's water rights. Changes in service area should be made through a WSP amendment.

The City has a duty to provide new water service within its retail service area. This WSP includes service policies to describe how your system plans to provide new service within your retail service area.

CONSTRUCTION WAIVERS

Standard Construction Specifications for distribution main extensions in this WSP are approved. Consistent with WAC 246-290-125(2), this system may proceed with the installation of distribution main extensions provided this system completes and keeps on file the enclosed construction completion report form in accordance with WAC 246-290-125(2) and WAC 246-290-120(5) and makes it available for review upon request by ODW.

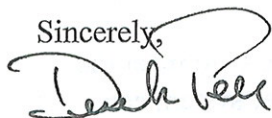
WATER RESOURCES

Below is the general regulatory language that applies to all water system plan approvals:

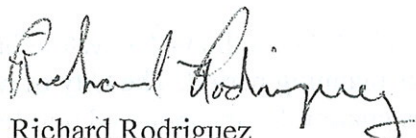
The department's approval of your water system plan does not confer or guarantee any right to a specific quantity of water. The approved number of service connections is based on your representation of available water quantity. If the Washington Department of Ecology, a local planning agency, or other authority responsible for determining water rights and water system adequacy determines that you have use of less water than you represented, the number of approved connections may be reduced commensurate with the actual amount of water and your legal right to use it.

Thank you for your cooperation. King County is being notified of the terms and requirements of this approval and the determination of the approved number of connections. If you have any questions or wish to check our records, you may contact either of us at the numbers listed below.

Sincerely,



Derek Pell, P.E.
Regional Office Manager
(253) 395-6763



Richard Rodriguez
Regional Planner
(253) 395-6771

Encl: Construction Completion Report

cc: Steve Hirschey, King County UTRC
Seattle/King County Health
Eric Habermeyer, PE, HDR

CONSTRUCTION COMPLETION REPORT FOR DISTRIBUTION MAIN PROJECTS

In accordance with WAC 246-290-120(5), a *Construction Completion Report* is required for all construction projects. Under the submittal exception process for distribution main projects, designed by a professional engineer but not submitted to DOH for approval, the report does not need to be submitted. **However, the purveyor must keep the Construction Completion Report on file and make it available for review upon request by DOH in accordance with WAC 246-290-125 (2)(b).** Furthermore:

- (1) The report form **must** bear the seal, date and signature of a professional engineer (PE) licensed in the state of Washington; and
- (2) Per WAC 246-290-120(5)(c), the amount of change in the physical capacity of a system must be documented, if the project results in a change in physical capacity.

MERCER ISLAND, CITY OF	DOH System ID No.: 53640
Name of Water System	Date Water System Plan that includes
BRIAN MCDANIEL	Standard Construction Specifications
Name of Purveyor (Owner or System Contact)	Date Standard Specifications
9611 SE 36TH ST	Approved by DOH: _____
Mailing Address	
MERCER ISLAND, WA 98040	
City	State
	Zip

PROJECT NAME AND DESCRIPTIVE TITLE: _____ Date Project or Portions Thereof Completed _____
 (Include the name of any development project and number of services.)

PROFESSIONAL ENGINEER'S ACKNOWLEDGMENT

The undersigned professional engineer (PE), or his/her authorized agent, has inspected the above-described project that, as to layout, size and type of pipe, valves and materials, and other designed physical facilities, has been constructed and is substantially completed in accordance with construction documents reviewed by the purveyor's engineer. In the opinion of the undersigned engineer, the installation, physical testing procedures, water quality tests, and disinfection practices were carried out in accordance with state regulations and principles of standard engineering practice.

I have reviewed the disinfection procedures, pressure test results, and results of the bacteriological test(s) for this project and certify that they comply with the requirements of the construction standards/specifications approved by DOH.



Date Signed

Name of Engineering Firm

Name of PE Acknowledging Construction

Mailing Address

City

State

Zip

Engineer's Signature

State/Federal Funding Type (if any) _____

Please keep a completed, signed, and stamped copy on file.

<input checked="" type="checkbox"/> NWRO Drinking Water Department of Health 20425 72 nd Ave, S, Ste 310 Kent, WA 98032-2358 (253) 395-6750	<input type="checkbox"/> SWRO Drinking Water Department of Health PO Box 47823 Olympia, WA 98504-7823 (360) 236-3030	<input type="checkbox"/> ERO Drinking Water Department of Health 16201 E Indiana Ave, Suite 1500 Spokane Valley, WA 99216 (509) 329-2100
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For persons with disabilities, this document is available on request in other formats. To submit a request, please call 1-800-525-0127 (TTY 1-800-833-6388).



BUSINESS OF THE CITY COUNCIL
CITY OF MERCER ISLAND, WA

AB 5222
October 4, 2016
Regular Business

I-90 LOSS OF MOBILITY NEGOTIATIONS STATUS REPORT

Proposed Council Action:
Receive status report.

Table with 2 columns: Item and Value. Rows include DEPARTMENT OF (City Manager), COUNCIL LIAISON (n/a), EXHIBITS (n/a), and APPROVED BY CITY MANAGER.

Table with 3 columns: Item, Amount, and Unit. Rows include AMOUNT OF EXPENDITURE, AMOUNT BUDGETED, and APPROPRIATION REQUIRED, all with \$ and n/a values.

SUMMARY

I-90 loss of mobility negotiations status reports will be provided at each Council meeting. The updates for this meeting include public outreach dates and opportunities, improved negotiating agency relations, and information regarding a traffic study engaged by the City.

Public Outreach

Several public outreach opportunities have been scheduled by the City. The purpose of the outreach is to provide current, accurate information, and to answer questions from the community. The City wants to hear from members of the community regarding the important issues around the loss of mobility negotiations. Staff and councilmembers will be at the Farmers Market for informal discussion and will be presenting at other community-based meetings over the next two months and beyond.

Public Outreach Meetings:

- October 9 Farmers Market
October 12 PTA Council
October 20 PTA Brown Bag Lunch
October 25 Rotary Luncheon
November 3 Chamber Luncheon

Meetings are still being arranged with other community organizations, and an Open House is anticipated later this fall.

Progress on Negotiations

The Mayor, City Manager, and Representative Clibborn met with the Directors of WSDOT and Sound Transit and collectively agreed to evaluate various configurations for I-90 access on Mercer Island; both during East Link light rail construction and after operations begin in 2023. Subsequently, a combined staff work group identified a range of alternatives and began working to determine the feasibility of a number of access alternatives. The access alternatives being considered are many, including those mentioned in the

August 5 FHWA letter, the continued use of the Island Crest Way ramp and R8A Lanes, as well as other potential alternatives not previously contemplated.

This group is producing a work plan and schedule which will guide the analysis of the agreed-upon alternatives to be completed by the end of 2016.

Traffic Engineering Study

The City hired engineering firm KPG to analyze local street and intersection traffic data. The traffic analysis evaluates impacts to the Mercer Island streets, intersections and I-90 ramps with the I-90 center roadway closure and the restriction of Mercer Island SOVs from using the future R8A Lanes and Island Crest Way westbound HOV on-ramp.

The topics being studied include:

- Changes to I-90 ramps with closure of the center roadway
- Potential future restriction of Mercer Island SOVs from I-90 R8A HOV lanes and Island Crest Way westbound HOV on-ramp
- Westbound I-90 on-ramp capacity for Town Center and Island Crest Way vehicles
- Local street impacts
- Intersection operations
- Travel time analyses

The City anticipates being able to share the KPG report and conclusions with the public later in October.

RECOMMENDATION

Assistant City Manager

Receive report. No action required.



CITY COUNCIL PLANNING SCHEDULE

All meetings are held in the City Hall Council Chambers unless otherwise noted.
 Special Meetings and Study Sessions begin at 6:00 pm. Regular Meetings begin at 7:00 pm.
 Items listed for each meeting are not in any particular order.

SEPTEMBER 30 (FRIDAY) – 3:30 PM - 6:00PM

	Micro-Planning Session (MICEC)	
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OCTOBER 4 (TUESDAY) – 9:00 AM – 10:30 AM

<i>Executive Session</i>	To discuss (with legal counsel) pending or potential litigation pursuant to RCW 42.30.110(1)(i) for 90 minutes	90
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OCTOBER 4 (TUESDAY) – 6:00 PM

Item Type	Topic/Presenter	Time
<i>Study Session</i>	Fire Sprinkler Requirements for New Residential Construction – S. Heitman & H. Rostov	60
<i>Consent Calendar</i>	2015 Water System Improvements Project Close Out – R. Lin	--
<i>Regular Business</i>	2017-2018 Preliminary Budget Presentation & Distribution – C. Corder	45
<i>Regular Business</i>	Crown Castle Small Cell Franchise Follow-Up – C. Schuck & S. Greenberg	45
<i>Regular Business</i>	2015 Water System Plan Adoption – R. Lin & A. Tonella-Howe	45
<i>Regular Business</i>	I-90 Loss of Mobility Negotiations Status Report – K. Taylor	15

OCTOBER 11 (TUESDAY) – 9:00 AM – 10:30 AM

<i>Executive Session</i>	To discuss (with legal counsel) pending or potential litigation pursuant to RCW 42.30.110(1)(i) for 90 minutes	90
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OCTOBER 13 (THURSDAY) – 5:00-7:00 PM

Item Type	Topic/Presenter	Time
	Joint Meeting with MISD Board	120

OCTOBER 17 – 6:00 PM

Item Type	Topic/Presenter	Time
<i>Regular Business</i>	2017-2018 Preliminary Budget: Operating Budget Review – C Corder	180
<i>Executive Session</i>	To discuss (with legal counsel) pending or potential litigation pursuant to RCW 42.30.110(1)(i) for 90 minutes	90

OCTOBER 18 (TUESDAY) – 9:00 AM – 10:30 AM

<i>Executive Session</i>	To discuss (with legal counsel) pending or potential litigation pursuant to RCW 42.30.110(1)(i) for 90 minutes	90
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OCTOBER 25 (TUESDAY) – 9:00 AM – 10:30 AM

<i>Executive Session</i>	To discuss (with legal counsel) pending or potential litigation pursuant to RCW 42.30.110(1)(i) for 90 minutes	90
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NOVEMBER 1 (TUESDAY) – 9:00 AM – 10:30 AM

<i>Executive Session</i>	To discuss (with legal counsel) pending or potential litigation pursuant to RCW 42.30.110(1)(i) for 90 minutes	90
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NOVEMBER 7 – 6:00 PM

Item Type	Topic/Presenter	Time
<i>Regular Business</i>	2017-2018 Preliminary Budget: Capital Improvement Program Review – C. Corder	180

NOVEMBER 8 (TUESDAY) – 9:00 AM – 10:30 AM

<i>Executive Session</i>	To discuss (with legal counsel) pending or potential litigation pursuant to RCW 42.30.110(1)(i) for 90 minutes	90
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NOVEMBER 15 (TUESDAY) – 9:00 AM – 10:30 AM

<i>Executive Session</i>	To discuss (with legal counsel) pending or potential litigation pursuant to RCW 42.30.110(1)(i) for 90 minutes	90
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NOVEMBER 21

Item Type	Topic/Presenter	Time
<i>Public Hearing</i>	2017-2018 Preliminary Budget: Finalize Changes to Budget, Pass 2017 NORCOM Budget Resolution, Pass 2017 Utility Rate Resolutions, and Adopt 2017 Property Tax Levy Ordinances – C. Corder	90
<i>Regular Business</i>	Six Year Sustainability Plan – R. Freeman	30
<i>Regular Business</i>	2017 Legislative Agenda – K. Taylor	20
<i>Regular Business</i>	Comp Plan Docket – E. Maxim	30
<i>Regular Business</i>	Crown Castle Small Cell Franchise Agreement (1 st Reading) – C. Schuck	45

NOVEMBER 22 (TUESDAY) – 9:00 AM – 10:30 AM

<i>Executive Session</i>	To discuss (with legal counsel) pending or potential litigation pursuant to RCW 42.30.110(1)(i) for 90 minutes	90
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NOVEMBER 29 (TUESDAY) – 9:00 AM – 10:30 AM

<i>Executive Session</i>	To discuss (with legal counsel) pending or potential litigation pursuant to RCW 42.30.110(1)(i) for 90 minutes	90
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DECEMBER 5

Item Type	Topic/Presenter	Time
<i>Regular Business</i>	3 rd Quarter 2016 Financial Status Report & Budget Adjustments – C. Corder	30
<i>Regular Business</i>	General Sewer Plan Update – J. Kintner	30
<i>Regular Business</i>	2017-2018 Final Budget Adoption – C. Corder	15
<i>Regular Business</i>	2017 Legislative Agenda – K. Taylor	20
<i>Regular Business</i>	Crown Castle Small Cell Franchise Agreement (2 nd Reading) – C. Schuck	20

DECEMBER 6 (TUESDAY) – 9:00 AM – 10:30 AM

<i>Executive Session</i>	To discuss (with legal counsel) pending or potential litigation pursuant to RCW 42.30.110(1)(i) for 90 minutes	90
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DECEMBER 13 (TUESDAY) – 9:00 AM – 10:30 AM

<i>Executive Session</i>	To discuss (with legal counsel) pending or potential litigation pursuant to RCW 42.30.110(1)(i) for 90 minutes	90
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DECEMBER 19

Item Type	Topic/Presenter	Time
	<i>Potentially Canceled</i>	

DECEMBER 20 (TUESDAY) – 9:00 AM – 10:30 AM

<i>Executive Session</i>	To discuss (with legal counsel) pending or potential litigation pursuant to RCW 42.30.110(1)(i) for 90 minutes	90
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DECEMBER 27 (TUESDAY) – 9:00 AM – 10:30 AM

<i>Executive Session</i>	To discuss (with legal counsel) pending or potential litigation pursuant to RCW 42.30.110(1)(i) for 90 minutes	90
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OTHER ITEMS TO BE SCHEDULED:

- Light Rail Station Design Oversight (Q2) – K. Taylor
- Mercer Island Center for the Arts (MICA) (Q2) – K. Sand
- City Manager Recruitment (Q4) – K. Segle
- King County Sewer Project (Q4) – J. Kintner
- CenturyLink Cable Franchise – K. Sand
- PSE Electric Franchise (Q4) – K. Sand
- Zayo Telecom Franchise (Q4) – K. Sand
- Title 10 & 19 Code Amendments and Comprehensive Plan Amendment for National Pollutant Discharge Elimination System (NPDES) Update – P. Yamashita
- Single-Family Residential Development Standards - E. Maxim (2017 Q1)

COUNCILMEMBER ABSENCES:

- Sanderson: October 13 & November 7