

10/13/23	4	Ecology Review Response	PROJECT ENGINEER I.D.H.	DIRECTOR PUBLIC WORKS	<u>S E.C.</u>
6/12/23	2	60% Design	DESIGNED/DRAWNI.D.H		J.J.B
1/17/23	1 No	30% Design	INSPECTOR	ASSISTANT DIRECTOR	M.A.(
Date	INU			<u></u>	

City of Bellingham NUCLEWORKS DEPARTMENT, ENGINEERING DIVISION DONALD AVENUE WATER QUALITY RETROFT CITY OF BELLINGHAM PROJECT #: EV-0171

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EAST SM	IITH ROAD			WILLIAMS RD.	
KIINE ROAD	ROAD HUN	HA <u>RMONY</u> ROAD TLEY JAD	RD. RD.		
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W. BAKERVIEW RD. E. BAK	IS STANKING RD. ROBS RD. HIGH ROBS RD. HIGH ROBS RD. HIGH ROBS RD. HIGH ROB RD. GUBERT GREATED	TOAD LK. RD. UNEYARD DR.	SOUALICUM LAKE NOSAPHI ROAD	TEWART MOUNTAIN	
\varkappa	SUNSET DR.	ACADEMY RD.	PROJECT	/	
30 C	5 LAKEWAY DRIVE		SITE		
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01	COVER
02	LEGEND & ABL
03	SURVEY CONT
04	TRAFFIC CON
05	TESC PLAN
06	SWPP
07	DEMOLITION I
08	STORMWATE
09	GRADING & RI
10	DETAILS
11	DETAILS
12	CITY OF BELLIN
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-NOTES-

 THE CITY OF BELLINGHAM'S TARGET ELEVATION FOR THE LAKE WHATCOM MAXIMUM WATER SURFACE ELEVATION IS CONSIDERED TO BE 314.50' (CITY DATUM) WHICH TRANSLATES TO 312.79' (NAVD88). WHATCOM COUNTY DECREE=314.94', CITY OF BELLINGHAM DECREE=313.23'. 314.94'-313.23'=1.71'. 314.50-1.71'=312.79'.

_ CITY OF BELLINGHAM, WASHINGTON	SCALE	DATUM	Job. No. <u>EV-0171</u>	
– PUBLIC WORKS DEPARTMENT	Horiz. <u>N/A</u>	NAD 83/98	Date <u>10/13/2023</u>	
– ENGINEERING DIVISION	Vert. <u>N/A</u>	NAVD 88	Field Bk. <u>1062 SERIES</u>	

FUNDED IN PART BY THE

BBREVIATIONS

TROL & EXISTING CONDITIONS

ITROL PLAN

PLAN

ER IMPROVEMENTS

RESTORATION

INGHAM STANDARD DETAILS

SITE PLAN

DETAILS

RISER DIAGRAM & SCHEDULES

FUNDED IN PART BY THE WASHINGTON STATE DEPARTMENT OF ECOLOGY

ONALD AVE. WATER QUALITY RETROFIT COVER SHEET 01 0 15

EXISTING LINE AND SYMBOL LEGEND

	_	
	=	EXISTING FOGE OF ASPHALT
	=	EXISTING EDGE OF CONCRETE
	=	EXISTING CONCRETE PAD
	=	EXISTING BUTTON STRIPE
	=	EXISTING WHITE STRIPE
=======	=	EXISTING STORM CULVERT
SD	=	EXISTING STORM DRAIN LINE
[SD]	=	RECORD STORM DRAIN LINE
SS	=	EXISTING SANITARY SEWER GRAVITY LINE
[SS]	=	RECORD SANITARY SEWER LINE
W	=	EXISTING WATER LINE
[W]	=	RECORD WATER LINE
OHE	=	EXISTING OVERHEAD ELECTRIC LINES
[OHE]	=	RECORD OVERHEAD ELECTRIC LINES
OHE/OCM	=	EXISTING OVERHEAD ELECTRIC & COMMUNICATION LINE
UGE	=	EXISTING UNDERGROUND POWER
[UGE]	=	RECORD UNDERGROUND POWER
UTV	=	EXISTING UNDERGROUND TV CABLE LINE
[UTV]	=	RECORD UNDERGROUND TV CABLE LINE
OTV	=	EXISTING OVERHEAD TV CABLE LINE
[0]V]	=	RECORD OVERHEAD IV CABLE LINE
	=	EXISTING UNDERGROUND COMMUNICATIONS LINE
	=	RECORD UNDERGROUND COMMUNICATIONS LINE
	=	EXISTING OVERHEAD COMMUNICATIONS LINE
	=	RECORD OVERHEAD COMMUNICATIONS LINE
онн ———————————————————————————————————		
OPH	-	FXISTING OVERHEAD TELEPHONE LINE
[ОРН]	-	RECORD OVERHEAD TELEFININE LINE
GUY	_	EXISTING OVERHEAD GUY WIRE LINE
G	_	EXISTING UNDERGROUND GAS LINE
[G]	=	RECORD UNDERGROUND GAS LINE
· · TOP · ·	=	EXISTING TOP OF SLOPE LINE
· · TOE · ·	=	EXISTING TOE OF SLOPE LINE
120	=	EXISTING GRADE INDEX CONTOUR
	=	EXISTING GRADE INTERVAL CONTOUR
·>>> ·	=	EXISTING FLOW LINE
онш	=	EXISTING ORDINARY HIGH WATER LINE
	=	EXISTING EDGE OF BRUSH
	=	EXISTING EDGE OF TREES
O	=	EXISTING CHAINLINK FENCE
X	=	EXISTING BARBED WIRE FENCE
	=	EXISTING WOOD FENCE
	=	EXISTING ROCK FENCE
	=	EXISTING MONUMENT
Θ	-	EXISTING REBAR AND CAP PLS#
Δ	=	SET REBAR & ORANGE PLASTIC CAP
_		
	=	EXISTING STORM DRAIN MANHOLE
	=	EXISTING STORM DRAIN MANHOLE EXISTING STORM DRAIN CLEANOUT
	= = =	EXISTING STORM DRAIN MANHOLE EXISTING STORM DRAIN CLEANOUT EXISTING CATCH BASIN
	= = =	EXISTING STORM DRAIN MANHOLE EXISTING STORM DRAIN CLEANOUT EXISTING CATCH BASIN EXISTING SANITARY SEWER MANHOLE
	= = = =	EXISTING STORM DRAIN MANHOLE EXISTING STORM DRAIN CLEANOUT EXISTING CATCH BASIN EXISTING SANITARY SEWER MANHOLE EXISTING WATER METER
	= = = =	EXISTING STORM DRAIN MANHOLE EXISTING STORM DRAIN CLEANOUT EXISTING CATCH BASIN EXISTING SANITARY SEWER MANHOLE EXISTING WATER METER EXISTING IRRIGATION BOX
	= = = =	EXISTING STORM DRAIN MANHOLE EXISTING STORM DRAIN CLEANOUT EXISTING CATCH BASIN EXISTING SANITARY SEWER MANHOLE EXISTING WATER METER EXISTING IRRIGATION BOX EXISTING POST
		EXISTING STORM DRAIN MANHOLE EXISTING STORM DRAIN CLEANOUT EXISTING CATCH BASIN EXISTING SANITARY SEWER MANHOLE EXISTING WATER METER EXISTING IRRIGATION BOX EXISTING POST EXISTING STOP SIGN
		EXISTING STORM DRAIN MANHOLE EXISTING STORM DRAIN CLEANOUT EXISTING CATCH BASIN EXISTING SANITARY SEWER MANHOLE EXISTING WATER METER EXISTING IRRIGATION BOX EXISTING POST EXISTING STOP SIGN EXISTING STREET SIGN
		EXISTING STORM DRAIN MANHOLE EXISTING STORM DRAIN CLEANOUT EXISTING CATCH BASIN EXISTING SANITARY SEWER MANHOLE EXISTING WATER METER EXISTING IRRIGATION BOX EXISTING POST EXISTING STOP SIGN EXISTING STREET SIGN EXISTING MAIL BOX
		EXISTING STORM DRAIN MANHOLE EXISTING STORM DRAIN CLEANOUT EXISTING CATCH BASIN EXISTING SANITARY SEWER MANHOLE EXISTING WATER METER EXISTING IRRIGATION BOX EXISTING POST EXISTING STOP SIGN EXISTING STREET SIGN EXISTING MAILBOX EXISTING POWER POLE
		EXISTING STORM DRAIN MANHOLE EXISTING STORM DRAIN CLEANOUT EXISTING CATCH BASIN EXISTING SANITARY SEWER MANHOLE EXISTING WATER METER EXISTING IRRIGATION BOX EXISTING POST EXISTING STOP SIGN EXISTING STREET SIGN EXISTING MAILBOX EXISTING POWER POLE EXISTING POWER POLE
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		EXISTING STORM DRAIN MANHOLE EXISTING STORM DRAIN CLEANOUT EXISTING CATCH BASIN EXISTING CATCH BASIN EXISTING SANITARY SEWER MANHOLE EXISTING WATER METER EXISTING IRRIGATION BOX EXISTING IRRIGATION BOX EXISTING POST EXISTING STOP SIGN EXISTING STREET SIGN EXISTING MAILBOX EXISTING POWER POLE EXISTING POWER POLE EXISTING POWER POLE W/DROP EXISTING GROUND GUY EXISTING FIBER-OPTIC/COMM. HANDHOLD
		EXISTING STORM DRAIN MANHOLE EXISTING STORM DRAIN CLEANOUT EXISTING CATCH BASIN EXISTING CATCH BASIN EXISTING SANITARY SEWER MANHOLE EXISTING WATER METER EXISTING IRRIGATION BOX EXISTING IRRIGATION BOX EXISTING POST EXISTING STOP SIGN EXISTING STREET SIGN EXISTING MAILBOX EXISTING POWER POLE EXISTING POWER POLE EXISTING POWER POLE EXISTING GROUND GUY EXISTING FIBER-OPTIC/COMM. HANDHOLD EXISTING FIBER-OPTIC/COMM. PEDESTAL/RISER
		EXISTING STORM DRAIN MANHOLE EXISTING STORM DRAIN CLEANOUT EXISTING CATCH BASIN EXISTING CATCH BASIN EXISTING SANITARY SEWER MANHOLE EXISTING WATER METER EXISTING IRRIGATION BOX EXISTING POST EXISTING POST EXISTING STREET SIGN EXISTING STREET SIGN EXISTING MAILBOX EXISTING POWER POLE EXISTING POWER POLE EXISTING FIBER-OPTIC/COMM. HANDHOLD EXISTING FIBER-OPTIC/COMM. PEDESTAL/RISER EXISTING ELECTRIC HANDHOLD
		EXISTING STORM DRAIN MANHOLE EXISTING STORM DRAIN CLEANOUT EXISTING CATCH BASIN EXISTING CATCH BASIN EXISTING SANITARY SEWER MANHOLE EXISTING WATER METER EXISTING IRRIGATION BOX EXISTING IRRIGATION BOX EXISTING POST EXISTING STOP SIGN EXISTING STREET SIGN EXISTING MAILBOX EXISTING POWER POLE EXISTING POWER POLE EXISTING POWER POLE W/DROP EXISTING FIBER-OPTIC/COMM. HANDHOLD EXISTING FIBER-OPTIC/COMM. PEDESTAL/RISER EXISTING ELECTRIC HANDHOLD EXISTING TELEPHONE PEDESTAL/RISER
		EXISTING STORM DRAIN MANHOLE EXISTING STORM DRAIN CLEANOUT EXISTING CATCH BASIN EXISTING CATCH BASIN EXISTING SANITARY SEWER MANHOLE EXISTING WATER METER EXISTING IRRIGATION BOX EXISTING POST EXISTING POST EXISTING STOP SIGN EXISTING STREET SIGN EXISTING MAILBOX EXISTING POWER POLE EXISTING POWER POLE EXISTING FIBER-OPTIC/COMM. HANDHOLD EXISTING FIBER-OPTIC/COMM. PEDESTAL/RISER EXISTING ELECTRIC HANDHOLD EXISTING TELEPHONE PEDESTAL/RISER EXISTING CONIFEROUS TREE (GENERIC)
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= EXISTING ASPHALT SURFACING

= EXISTING CONCRETE SURFACING



= EXISTING GRAVEL SURFACING

4/25/24 4 90% Design 10/13/23 3 Ecology Review Response 6/12/23 2 60% Design	PROJECT ENGINEER I.D.H.	DIRECTOR PUBLIC WORKS E.C.J.	CITY OF BELLINGHAM, WASHINGTON	SCALE Horiz N/A		Job. No. <u>EV-0171</u>	DONA
0/12/20 2 00/0 Design 1/17/23 1 30% Design Date No Revision By	INSPECTOR	ASSISTANT DIRE <u>CTOR M.A.O.</u>	ENGINEERING DIVISION	Vert. <u>N/A</u>	NAVD 88	Field Bk. <u>1062 SERIES</u>	







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PROPOSED LINE AND SYMBOL LEGEND

- ------ = PROPOSED EDGE OF ASPHALT
- ------ = PROPOSED EDGE OF GRAVEL ROAD ----- = PROPOSED SAWCUT LIMITS
 - ==> ---- = PROPOSED DITCH LINE
- SD = PROPOSED STORM DRAIN LINE
- - = PROPOSED SLOPE DIRECTION ARROW
- 125 = PROPOSED FINISHED GRADE INDEX CONTOUR
- ------ = PROPOSED WOOD FENCE
 - PROPOSED STORM DRAIN MANHOLE

 - = PROPOSED CATCH BASIN
 - = PROPOSED CATCH BASIN STOP = PROPOSED STOP SIGN
 - ----- = PROPOSED STREET SIGN
 - 🕑 = PROPOSED BOLLARD
 - = PROPOSED ASPHALT SURFACING
 - = CONSTRUCTION KEY NOTE
 - = PROPOSED FINISHED GRADE ELEVATION
 - = PROPOSED TREE REMOVAL

ABBREVIATIONS

A.D.	ALGEBRAIC DIFFERENCE	к	RATE OF VER
A.F.#	AUDITOR'S FILE NUMBER	LF	LINEAR FEET
ACP	ASPHALT CONCRETE PAVING	LT	LEFT
ADA	AMERICAN DISABILITIES ACT	MAX.	MAXIMUM
APPROX	APPROXIMATE	MIN.	MINIMUM
APWA	AMERICAN PUBLIC WORKS	N.I.C.	NOT IN CONT
	ASSOCIATION	NVPA	NATIVE VEGE
B/C	BACK OF CURB	0.C.	ON CENTER
BMP	BEST MANAGEMENT PRACTICE	OHWM	ORDINARY HI
BVCF	BEGINNING VERTICAL CURVE	PC	POINT OF CU
0.02	FLEVATION	PCC	PORTLAND C
BVCS	BEGINNING VERTICAL CURVE STATION	PERF.	PERFORATED
BW	BOTTOM OF WALL	PROP.	PROPOSED
C&G	CURB & GUTTER	PT	POINT OF TA
CB	CATCH BASIN	PVC	POLYVINYL C
CL	CENTERLINE	PVI	POINT OF VE
CMP	CORRUGATED METAL PIPE	R&C	RING & COVE
CMU	CONCRETE MASONRY UNIT	R/W	RIGHT OF WA
CONC.	CONCRETE	R=	CURVE RADIL
CPSSP	CORRUGATED POLYETHYLENE STORM	RT	RIGHT
	SEWER PIPE	S.S.	STAINLESS S
CSTC	CRUSHED SURFACING TOP COURSE	S/W	SIDEWALK
D.I.	DUCTILE IRON	SD	STORM DRAIN
DIA.	DIAMETER	SDCB	STORM DRAIN
EG	EXISTING GRADE	SDMH	STORM DRAIN
EL.	ELEVATION	SDR	STANDARD D
EOP	EDGE OF PAVEMENT	SF	SQUARE FOO
EVCE	ENDING VERTICAL CURVE ELEVATION	SPEC.	SPECIFICATIO
EVCS	ENDING VERTICAL CURVE STATION	SSCO	SANITARY SE
EX.		SSMH	SANITARY SE
F&G	FRAME AND GRAIE	STA	STATION
F.HTD.		SID	STANDARD
F/C	FACE OF CURB	SVC	SERVICE
	FINISH FLOOR	1/W	TOP OF WALL
FG		IBOC	TOP BACK O
FL FC			
UALV.			
1.0. I F		W /	
		VV /	
114 V.			WALER MELL
		WOUDE	

ECOLOGY WSDOT WASHINGTON STATE DEPT. OF TRANSPORTATION

LEGAL DESCRIPTION

(PER CHICAGO TITLE SUBDIVISION GUARANTEE ORDER NO. 245421032) ALL THAT PORTION OF GOVERNMENT LOT 5, SECTION 22, TOWNSHIP 37 NORTH, RANGE 4 EAST OF W.M., LYING SOUTHWESTERLY OF LAKE WHATCOM BOULEVARD.

ALSO ALL THAT PART OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 27, TOWNSHIP 37 NORTH, RANGE 4 EAST OF W.M., LYING SOUTHWESTERLY OF LAKE WHATCOM BOULEVARD.

ALSO THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER; THE EAST HALF OF THE NORTHWEST QUARTER, EXCEPT THAT PART CONVEYED TO W A LESLIE BY DEED RECORDED IN VOLUME 237 OF DEEDS, PAGE 332, AND EXCEPT THAT PART LYING NORTHEASTERLY OF LAKE WHATCOM BOULEVARD, IN SECTION 27, TOWNSHIP 37 NORTH, RANGE 4 EAST OF THE WILLAMETTE MERIDIAN.

EXCEPT THAT PORTION CONVEYED TO WHATCOM COUNTY FOR COUNTY ROAD, AS DESCRIBED UNDER WHATCOM COUNTY AUDITOR'S FILE NO. 926898.

LESS ROADS.

SITUATE IN WHATCOM COUNTY, WASHINGTON.

NOTE

- 1. CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO LOCATE AND PROTECT ALL EXISTING SURVEY MONUMENTS, WHICH INCLUDES PROPERTY CORNERS, DURING CONSTRUCTIONS. ALL SURVEY MONUMENTS THAT MAY BE DISTURBED BY CONSTRUCTION SHALL BE IDENTIFIED AND REPLACED IN ACCORDANCE WITH RECOGNIZED SURVEYING PRACTICES BY A WASHINGTON STATE LICENSED LAND SURVEYOR PROVIDED BY THE CONTRACTOR.
- 2. <u>PROTECTION OF THE ENVIRONMENT:</u> NO CONSTRUCTION RELATED ACTIVITY SHALL CONTRIBUTE TO THE DEGRADATION OF THE ENVIRONMENT, ALLOW MATERIAL TO ENTER SURFACE OR GROUND WATERS, OR ALLOW PARTICULATE EMISSIONS TO THE ATMOSPHERE, WHICH EXCEED STATE OR FEDERAL STANDARDS. ANY ACTIONS THAT POTENTIALLY ALLOW A DISCHARGE TO STATE WATERS MUST HAVE PRIOR APPROVAL OF THE WASHINGTON STATE DEPARTMENT OF ECOLOGY.

K RATE OF VERTICAL CURVATURE

TRACT ETATION PROTECTION AREA IIGH WATER MARK URVATURE CEMENT CONCRETE

ANGENCY CHLORIDE ERTICAL INFLECTION

STEEL

N CATCH BASIN MANHOLE IAMETER RATIO

EWER CLEAN-OUT EWER MANHOLE

F CURB TING

JRVE LENGTH

STATE DEPT. OF



ONALD AVE. WATER QUALITY RETROFIT **LEGEND & ABBREVIATIONS**

SHEET $\bigcirc \mathsf{F}$ 02





CHANNELIZATION DEVICE SPACING (feet)					
MPH TAPER TANGENT					
35/40	30	60			
25/30	20	40			

OF



STORMWATER POLLUTION PREVENTION PLAN - 13 ELEMENTS

ELEMENT #1: - PRESERVE VEGETATION / MARK CLEARING LIMITS: PRIOR TO BEGINNING LAND DISTURBING ACTIVITIES, INCLUDING CLEARING & GRADING, ALL CLEARING LIMITS, SENSITIVE AREAS & THEIR BUFFERS, & TREES THAT ARE TO BE PRESERVED WITHIN THE CONSTRUCTION AREA SHOULD BE CLEARLY MARKED. BOTH IN THE FIELD & ON THE PLANS, TO PREVENT DAMAGE & OFFSITE IMPACTS. PLASTIC, METAL, OR STAKE WIRE FENCE MAY BE USED TO MARK THE CLEARING LIMITS.

ELEMENT #2: - ESTABLISH CONSTRUCTION ACCESS:

- (A) CONSTRUCTION VEHICLE ACCESS & EXIT SHALL BE LIMITED TO ONE ROUTE IF POSSIBLE. (B) ACCESS POINTS SHALL BE STABILIZED WITH QUARRY SPALL OR CRUSHED ROCK TO MINIMIZE THE
- TRACKING OF SEDIMENT ONTO PUBLIC ROADS. (C) WHEEL WASH OR TIRE BATHS SHOULD BE LOCATED ON SITE, IF APPLICABLE.
- (D) PUBLIC ROADS SHALL AT A MINIMUM BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM ROADS BY SHOVELING OR PICKUP SWEEPING & SHALL BE TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA. STREET WASHING WILL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER.
- (E) STREET WASH WASTEWATER SHALL BE CONTROLLED BY PUMPING BACK ON-SITE. OR OTHERWISE BE PREVENTED FROM DISCHARGING INTO SYSTEMS TRIBUTARY TO STATE SURFACE WATERS.

ELEMENT #3: - CONTROL FLOW RATES:

- (A) PROPERTIES & WATERWAYS DOWNSTREAM FROM DEVELOPMENT SITES SHALL BE PROTECTED FROM EROSION DUE TO INCREASES IN THE VOLUME, VELOCITY, & PEAK FLOW RATE OF STORMWATER RUNOFF FROM THE PROJECT SITE. PROPERTIES SUBJECT TO MINIMUM REQUIREMENT #5 AND/OR #7 SHALL IMPLEMENT CONTROLS AS EARLY IN THE DEVELOPMENT AS IS PRACTICABLE TO MITIGATE FOR FLOW RATES. (B) DOWNSTREAM ANALYSIS IS NECESSARY IF CHANGES IN FLOWS COULD IMPAIR OR ALTER
- CONVEYANCE SYSTEMS, STREAM BANKS, BED SEDIMENT OR AQUATIC HABITAT. SEE THE ECOLOGY MANUAL FOR OFFSITE ANALYSIS GUIDANCE. (C) WHERE NECESSARY TO COMPLY WITH MINIMUM REQUIREMENT #7, STORMWATER RETENTION/DETENTION FACILITIES SHALL BE CONSTRUCTED AS ONE OF THE FIRST
- STEPS IN GRADING. DETENTION FACILITIES SHALL BE FUNCTIONAL PRIOR TO CONSTRUCTION OF SITE IMPROVEMENTS (E.G. IMPERVIOUS SURFACES). (D) IF PERMANENT INFILTRATION PONDS ARE USED FOR FLOW CONTROL DURING
- CONSTRUCTION, THESE FACILITIES SHOULD BE PROTECTED FROM SILTATION DURING THE CONSTRUCTION PHASE.

ELEMENT#4: - INSTALL SEDIMENT CONTROLS

- (A) THE DUFF LAYER, NATIVE TOPSOIL, & NATURAL VEGETATION SHALL BE RETAINED IN AN UNDISTURBED STATE TO THE MAXIMUM EXTENT PRACTICABLE. (B) PRIOR TO LEAVING A CONSTRUCTION SITE, OR PRIOR TO DISCHARGE TO AN INFILTRATION FACILITY, STORMWATER RUNOFF FROM DISTURBED AREAS SHALL PASS THROUGH A SEDIMENT POND OR OTHER APPROPRIATE SEDIMENT REMOVAL BMP. RUNOFF FROM FULLY STABILIZED AREAS MAY BE DISCHARGED WITHOUT A SEDIMENT REMOVAL BMP, BUT MUST MEET THE FLOW CONTROL PERFORMANCE STANDARD OF ELEMENT 3. FULL STABILIZATION MEANS CONCRETE OR ASPHALT PAVING, QUARRY SPALLS USED AS DITCH LINING, OR THE USE OF ROLLED EROSION PRODUCTS, A BONDED FIBER MATRIX PRODUCT. OR VEGETATIVE COVER IN A MANNER THAT WILL FULLY PREVENT SOIL EROSION. SEDIMENT PONDS, VEGETATED BUFFER STRIPS, SEDIMENT BARRIERS OR FILTERS, DIKES, & OTHER BMPS INTENDED TO TRAP SEDIMENT ON-SITE SHALL BE CONSTRUCTED AS ONE OF THE FIRST STEPS IN GRADING. THESE BMPS SHALL BE FUNCTIONAL BEFORE OTHER LAND DISTURBING ACTIVITIES TAKE PLACE
- (C) EARTHEN STRUCTURES SUCH AS DAMS, DIKES, & DIVERSIONS SHALL BE SEEDED & MULCHED ACCORDING TO THE TIMING INDICATED IN ELEMENT 5 BELOW.

ELEMENT #5 - STABILIZE SOILS

- (A) ALL EXPOSED & UNWORKED SOILS SHALL BE STABILIZED BY APPLICATION OF EFFECTIVE BMPS THAT PROTECT THE SOIL FROM THE EROSIVE FORCES OF RAINDROP IMPACT & FLOWING WATER, & WIND EROSION
- (B) FROM OCTOBER 1 THROUGH APRIL 30 OF EACH YEAR, NO SOILS SHALL REMAIN EXPOSED & UNWORKED FOR MORE THAN 2 DAYS. FROM MAY 1 TO SEPTEMBER 30 OF EACH YEAR, NO SOILS SHALL REMAIN EXPOSED & UNWORKED FOR MORE THAN 7 DAYS. THIS CONDITION APPLIES TO ALL SOILS ON SITE, WHETHER AT FINAL GRADE OR
- (C) APPLICABLE PRACTICES INCLUDE, BUT ARE NOT LIMITED TO, TEMPORARY & PERMANENT SEEDING, SODDING, MULCHING, PLASTIC COVERING, SOIL APPLICATION OF POLYACRYLAMIDE (PAM), EARLY APPLICATION OF GRAVEL BASE ON AREAS TO BE PAVED, & DUST CONTROL.
- (D) SOIL STABILIZATION MEASURES SELECTED SHOULD BE APPROPRIATE FOR THE TIME OF YEAR, SITE CONDITIONS, ESTIMATED DURATION OF USE, & POTENTIAL WATER QUALITY IMPACTS THAT STABILIZATION AGENTS MAY HAVE ON DOWNSTREAM WATERS OR GROUND WATER
- (E) SOIL STOCKPILES MUST BE STABILIZED & PROTECTED WITH SEDIMENT TRAPPING MEASURES.
- (F) WORK ON LINEAR CONSTRUCTION SITES & ACTIVITIES, INCLUDING RIGHT-OF-WAY & EASEMENT CLEARING. ROADWAY DEVELOPMENT, PIPELINES, & TRENCHING FOR UTILITIES, SHALL NOT EXCEED THE CAPABILITY OF THE INDIVIDUAL CONTRACTOR FOR HIS PORTION OF THE PROJECT TO INSTALL THE BEDDING MATERIALS, ROADBEDS, STRUCTURES, PIPELINES, AND/OR UTILITIES, & TO RE-STABILIZE THE DISTURBED SOILS, MEETING THE TIMING CONDITIONS LISTED ABOVE.
- (G) IN ADDITION, AT THE DISCRETION OF THE PUBLIC WORKS DIRECTOR, THOSE SITES UNABLE TO MAINTAIN THE QUALITY OF THEIR STORMWATER DISCHARGE MAY BE REQUIRED TO PROVIDE SOIL STABILIZATION TO ALL EXPOSED SOIL AREAS REGARDLESS OF THE WORKING STATUS OF THE AREA. UPON WRITTEN NOTIFICATION, THE PROPERTY OWNER SHALL PROVIDE FULL STABILIZATION OF ALL EXPOSED SOIL AREAS WITHIN 24 HOURS.

4/25/24 4 90% Design 10/13/23 3 Ecology Review Response	PROJECT ENGINEER I.D.H.	DIRECTOR PUBLIC WORKS E.C.J.	CITY OF BELLINGHAM, WASHINGTON	SCALE	DATUM	Job. No. <u>EV-0171</u>	
6/12/23 2 60% Design	DESIGNED/DRAWN I.D.H.	CITY ENGINEER J.J.B.	PUBLIC WORKS DEPARTMENT	Horiz. <u>1"=20'</u>	NAD 83/98	Date10/13/2023	
1/17/23 1 30% Design	INSPECTOR	ASSISTANT DIRECTOR M.A.O.		Vert. N/A	NAVD 88	Field Bk. <u>1062 SERIES</u>	1
Date Ino Revision by							<u> </u>

ELEMENT #6 - PROTECT SLOPES (A) CUT & FILL SLOPES SHALL BE DESIGNED & CONSTRUCTED IN A MANNER THAT WILL

MINIMIZE EROSION. (B) CONSIDER SOIL TYPE & ITS POTENTIAL FOR EROSION.

(C) REDUCE SLOPE RUNOFF VELOCITIES BY REDUCING THE CONTINUOUS LENGTH OF SLOPE WITH TERRACING & DIVERSIONS, REDUCE SLOPE STEEPNESS, & ROUGHEN SLOPE SURFACE

(D) DIVERT UPSLOPE DRAINAGE & RUN-ON WATERS FROM OFF-SITE WITH INTERCEPTORS AT TOP OF SLOPE. OFF-SITE STORMWATER SHOULD BE HANDLED SEPARATELY FROM STORMWATER GENERATED ON THE SITE. DIVERSION OF OFF-SITE STORMWATER AROUND THE SITE MAY BE A VIABLE OPTION. DIVERTED FLOWS SHALL BE REDIRECTED TO THE NATURAL DRAINAGE LOCATION AT OR BEFORE THE PROPERTY BOUNDARY.

(E) CONTAIN DOWN SLOPE COLLECTED FLOWS IN PIPES, SLOPE DRAINS, OR PROTECTED CHANNELS. (F) PROVIDE DRAINAGE TO REMOVE GROUND WATER INTERSECTING THE SLOPE SURFACE OF

- EXPOSED SOIL AREAS. (G) EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF TRENCHES,
- CONSISTENT WITH SAFETY & SPACE CONSIDERATIONS.
- (H) CHECK DAMS SHALL BE PLACED AT REGULAR INTERVALS WITHIN TRENCHES THAT ARE CUT DOWN A SLOPE. (I) STABILIZE SOILS ON SLOPES, AS SPECIFIED IN ELEMENT #5.

ELEMENT #7 - PROTECT DRAIN INLETS

(A) ALL STORM DRAIN INLETS MADE OPERABLE DURING CONSTRUCTION SHALL BE PROTECTED SO THAT STORMWATER RUNOFF SHALL NOT ENTER THE CONVEYANCE SYSTEM WITHOUT FIRST BEING FILTERED OR TREATED TO REMOVE SEDIMENT.

(B) ALL APPROACH ROADS SHALL BE KEPT CLEAN, & STREET WASH WATER SHALL NOT BE ALLOWED TO ENTER STORM DRAINS WITHOUT PRIOR & ADEQUATE TREATMENT UNLESS TREATMENT IS PROVIDED BEFORE THE STORM DRAIN DISCHARGES TO WATERS OF THE STATE.

ELEMENT #8 - STABILIZE CHANNELS AND OUTLETS

- (A) ALL TEMPORARY ON-SITE CONVEYANCE CHANNELS SHALL BE DESIGNED, CONSTRUCTED & STABILIZED TO PREVENT EROSION FROM THE EXPECTED VELOCITY OF FLOW FROM A 2 YEAR, 24-HOUR FREQUENCY STORM FOR THE DEVELOPED CONDITION.
- (B) STABILIZATION, INCLUDING ARMORING MATERIAL, ADEQUATE TO PREVENT EROSION OF OUTLETS, ADJACENT STREAM BANKS, SLOPES & DOWNSTREAM REACHES SHALL BE PROVIDED AT THE OUTLETS OF ALL CONVEYANCE SYSTEMS.

ELEMENT #10 - CONTROL DEWATERING

- (A) ALL FOUNDATION, VAULT. & TRENCH DEWATERING WATER, WHICH HAS SIMILAR CHARACTERISTICS TO STORMWATER RUNOFF AT THE SITE, SHALL BE DISCHARGED INTO A CONTROLLED CONVEYANCE SYSTEM, PRIOR TO DISCHARGE TO A SEDIMENT TRAP OR SEDIMENT POND. CHANNELS MUST BE STABILIZED, AS SPECIFIED IN ELEMENT #8.
- (B) CLEAN, NON-TURBID DEWATERING WATER, SUCH AS WELL-POINT GROUND WATER. CAN BE DISCHARGED TO SYSTEMS TRIBUTARY TO STATE SURFACE WATERS, AS SPECIFIED IN ELEMENT #8. PROVIDED THE DEWATERING FLOW DOES NOT CAUSE EROSION OR FLOODING OF THE RECEIVING WATERS. THESE CLEAN WATERS SHOULD NOT BE ROUTED THROUGH SEDIMENT PONDS WITH STORMWATER.
- (C) HIGHLY TURBID OR OTHERWISE CONTAMINATED DEWATERING WATER, SUCH AS FROM CONSTRUCTION EQUIPMENT OPERATION, CLAMSHELL DIGGING, CONCRETE TREMIE POUR, OR WORK INSIDE A COFFERDAM, SHALL BE HANDLED SEPARATELY FROM STORMWATER AT THE SITE.
- (D) OTHER DISPOSAL OPTIONS, DEPENDING ON SITE CONSTRAINTS, MAY INCLUDE, BY WAY OF EXAMPLE: 1) INFILTRATION, 2) TRANSPORT OFF-SITE IN VEHICLE, SUCH AS A VACUUM FLUSH TRUCK, FOR LEGAL DISPOSAL IN A MANNER THAT DOES NOT POLLUTE STATE WATERS, 3) ON-SITE TREATMENT USING CHEMICAL TREATMENT OR OTHER SUITABLE TREATMENT TECHNOLOGIES.

ELEMENT #11 – MAINTAIN BMPS

ENTERED WATERS OF THE STATE.

- (A) ALL TEMPORARY & PERMANENT EROSION & SEDIMENT CONTROL BMPS SHALL BE MAINTAINED & REPAIRED AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. ALL MAINTENANCE & REPAIR SHALL BE CONDUCTED IN ACCORDANCE WITH BMPS.
- (B) SEDIMENT CONTROL BMPS SHALL BE INSPECTED WEEKLY OR AFTER A RUNOFF-PRODUCING STORM EVENT DURING THE DRY SEASON & DAILY DURING THE WET SEASON. ALL PROJECTS THAT DISTURB AN AREA GREATER THAN ONE ACRE SHALL HAVE A CERTIFIED FROSION CONTROL LEAD AVAILABLE TO THE SITE. THIS FROSION CONTROL LEAD SHALL BE RESPONSIBLE TO PROVIDE OVERVIEW OF ONGOING DAY TO DAY EROSION CONTROL REQUIREMENTS. THE EROSION CONTROL LEAD SHALL (WITHIN 24 HOURS) REPORT TO THE CITY & DEPARTMENT OF ECOLOGY ANY SITE DISCHARGES THAT EXCEED STATE WATER QUALITY STANDARDS THAT HAVE OR ARE LIKELY TO HAVE
- (C) ALL TEMPORARY EROSION & SEDIMENT CONTROL BMPS SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY BMPS ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHALL BE REMOVED OR STABILIZED ON SITE. DISTURBED SOIL AREAS RESULTING FROM REMOVAL OF BMPS OR VEGETATION SHALL BE PERMANENTLY STABILIZED.

ELEMENT #12 - MANAGE THE PROJECT

- (A) PHASING OF CONSTRUCTION DEVELOPMENT PROJECTS SHALL BE PHASED WHERE FEASIBLE IN ORDER TO PREVENT. TO THE MAXIMUM EXTENT PRACTICABLE. THE TRANSPORT OF SEDIMENT FROM THE DEVELOPMENT SITE DURING CONSTRUCTION. REVEGETATION OF EXPOSED AREAS & MAINTENANCE OF THAT VEGETATION SHALL BE AN
- INTEGRAL PART OF THE CLEARING ACTIVITIES FOR ANY PHASE. (B) WHEN ESTABLISHING THESE PERMITTED CLEARING & GRADING AREAS, CONSIDERATION SHOULD BE GIVEN TO MINIMIZING REMOVAL OF EXISTING TREES & MINIMIZING DISTURBANCE/COMPACTION OF NATIVE SOILS EXCEPT AS NEEDED FOR BUILDING PURPOSES. PERMITTED CLEARING & GRADING AREAS & ANY OTHER AREAS REQUIRED TO PRESERVE CRITICAL OR SENSITIVE AREAS, BUFFERS, NATIVE GROWTH PROTECTION EASEMENTS, OR TREE RETENTION AREAS, SHALL BE DELINEATED ON THE SITE PLANS & THE DEVELOPMENT SITE.
- (C) COORDINATION WITH UTILITIES & OTHER CONTRACTORS THE PRIMARY PROJECT PROPONENT SHALL EVALUATE, WITH INPUT FROM UTILITIES & OTHER CONTRACTORS, THE STORMWATER MANAGEMENT REQUIREMENTS FOR THE ENTIRE PROJECT, INCLUDING THE UTILITIES, WHEN PREPARING THE CONSTRUCTION SWPPP. (D) INSPECTION & MONITORING - ALL BMPS SHALL BE INSPECTED, MAINTAINED, &
- REPAIRED AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. (E) FOR ANY PROJECT DISTURBING MORE THAN ONE ACRE, A CERTIFIED PROFESSIONAL IN EROSION & SEDIMENT CONTROL SHALL BE IDENTIFIED IN THE CONSTRUCTION SWPPP &
- SHALL BE ON-SITE OR ON-CALL AT ALL TIMES. CERTIFICATION MAY BE THROUGH THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION/ASSOCIATED GENERAL CONTRACTORS (WSDOT/AGC) CONSTRUCTION SITE EROSION & SEDIMENT CONTROL CERTIFICATION PROGRAM OR ANY EQUIVALENT LOCAL OR NATIONAL CERTIFICATION AND/OR TRAINING PROGRAM, IN THE CITY'S DISCRETION.
- (F) WHENEVER INSPECTION AND/OR MONITORING REVEALS THAT THE BMPS IDENTIFIED IN THE CONSTRUCTION SWPPP ARE INADEQUATE, DUE TO THE ACTUAL DISCHARGE OF OR POTENTIAL TO DISCHARGE A SIGNIFICANT AMOUNT OF ANY POLLUTANT, THE SWPPP SHALL BE MODIFIED, AS APPROPRIATE, IN A TIMELY MANNER.
- (G) MAINTENANCE OF THE CONSTRUCTION SWPPP THE CONSTRUCTION SWPPP SHALL BE RETAINED ON-SITE. THE CONSTRUCTION SWPPP SHALL BE MODIFIED WHENEVER THERE IS A SIGNIFICANT CHANGE IN THE DESIGN, CONSTRUCTION, OPERATION, OR MAINTENANCE OF ANY BMP.

ELEMENT #13 - PROTECT LOW IMPACT DEVELOPMENT BMPS

- (A) PROTECT ALL BIORETENTION BMPS FROM SEDIMENTATION THROUGH INSTALLATION & MAINTENANCE OF EROSION & SEDIMENT CONTROL BMPS ON PORTIONS OF THE SITE THAT DRAIN INTO THE BIORETENTION AND/OR RAIN GARDEN BMPS. RESTORE THE BMPS TO THEIR FULLY FUNCTIONING CONDITION IF THEY ACCUMULATE SEDIMENT DURING CONSTRUCTION. RESTORING THE BMP MUST INCLUDE REMOVAL OF SEDIMENT & ANY SEDIMENT-LADEN BIORETENTION SOILS, & REPLACING THE REMOVED SOILS WITH SOILS MEETING THE DESIGN SPECIFICATION.
- (B) PREVENT COMPACTING BIORETENTION BMPS BY EXCLUDING CONSTRUCTION EQUIPMENT & FOOT TRAFFIC. PROTECT COMPLETED LAWN & LANDSCAPING AREAS FROM COMPACTION DUE TO CONSTRUCTION EQUIPMENT.
- (C) KEEP ALL HEAVY EQUIPMENT OFF EXISTING SOILS UNDER LID FACILITIES THAT HAVE BEEN EXCAVATED TO FINAL GRADE TO RETAIN INFILTRATION RATES OF THE SOILS.

ONALD AVE. WATER QUALITY RETROFIT SWPP

06

SHEET





	CITY OF BELLINGHAM, WASHINGTON	SCALE	DATUM	Job. No. <u>EV-0171</u>	
_	PUBLIC WORKS DEPARTMENT	Horiz. <u>1"=10</u>	NAD 83/98	Date10/13/2023	
	ENGINEERING DIVISION	Vert. <u>1"=4'</u>	NAVD 88	Field Bk. <u>1062 SERIES</u>	



_	CITY OF BELLINGHAM, WASHINGTON PUBLIC WORKS DEPARTMENT	SCALE Horiz. <u>1"=10</u>	DATUM NAD 83/98	Job. No. <u>EV-0171</u> Date <u>10/13/2023</u>	DC
	ENGINEERING DIVISION	Vert1"=4'	NAVD 88	Field Bk. 1062 SERIES	

		CITY OF BELLINGHAM, WASHINGTON PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION	SCALE Horiz. <u>1"=10</u> Vert. <u>1"=4'</u>	DATUM NAD 83/98 NAVD 88	Job. No. <u>EV-0171</u> Date <u>10/13/2023</u> Field Bk. <u>1062 SERIES</u>	DO
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NTS

4/25/24 4 90% Design 10/13/23 3 Ecology Review Response 6/12/23 2 60% Design 1/17/23 1 30% Design Date No Revision	PROJECT ENGINEER I.D.H. DESIGNED/DRAWN I.D.H. INSPECTOR	DIRECTOR PUBLIC <u>WORKS E.C.J.</u> CITY ENGINEER J.J.B. ASSISTANT DIRE <u>CTOR M.A.O.</u>	CITY OF BELLINGHAM, WASHINGTON PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION	SCALE Horiz. <u>N/A</u> Vert. <u>N/A</u>	DATUM NAD 83/98 NAVD 88	Job. No. <u>EV-0171</u> Date <u>10/13/2023</u> Field Bk. <u>1062 SERIES</u>	DC
Date No Revision By						, [

WOODEN SPLIT RAIL FENCE

ONALD AVE. WATER QUALITY RETROFIT DETAILS

BYPASS STRUCTURE

NTS	5			
CITY OF BELLINGHAM, WASHINGTON PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION	SCALE Horiz. N/A Vert. N/A	DATUM NAD 83/98 NAVD 88	Job. No. <u>EV-0171</u> Date <u>10/13/2023</u> Field Bk. <u>1062 SERIES</u>	DC

ONALD AVE. WATER QUALITY RETROFIT DETAILS

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BEEHIVE FRAME & GRATE NTS

4/25/24490% DesignPROJECT ENGINEERI.D.H.DIRECTOR PUBLIC WORKS E.C.J.10/13/233Ecology Review ResponseDESIGNED/DRAWNI.D.H.DIRECTOR PUBLIC WORKS E.C.J.6/12/23260% DesignDESIGNED/DRAWNI.D.H.CITY ENGINEERJ.B.1/17/23130% DesignINSPECTORASSISTANT DIRECTORM.A.O.	CITY OF BELLINGHAM, WASHINGTON PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION	SCALE Horiz. N/A Vert. N/A	DATUM NAD 83/98 NAVD 88	Job. No. <u>EV-0171</u> Date <u>10/13/2023</u> Field Bk. <u>1062 SERIES</u>	DO (
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ONALD AVE. WATER QUALITY RETROFIT CITY OF BELLINGHAM STANDARD DETAILS

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WORKS E.C.J.	CITY OF BELLINGHAM, WASHINGTON	SCALE	DATUM	Job. No. 2348
J.J.B.	PUBLIC WORKS DEPARTMENT	Horiz	NAD 83/98	Date10/13/2023
OR M.A.O.	ENGINEERING DIVISION	Vert	NAVD 88	Field Bk. 1062 SERIE

4/25/2024 10/13/23 6/12/23 1/17/23	 4 90% Design 3 Ecology Review Re 2 60% Design 1 30% Design No 	sponse	By	PROJECT ENGINEER_ DESIGNED/DRAWN NSPECTOR	STV KL 	DIRECTOR P CITY ENGINE ASSISTANT D	UBLIC J ER IRE <u>CTC</u>
						ETHERNET — PORT & RECEPTACLE MOUNTED ON DOOR	
						FTHERNET -	

ELECTRICAL - NETWORK DIAGRAM

WORKS E.C.J.	CITY OF BELLINGHAM, WASHINGTON	SCALE	DATUM	Job. No.	2348
J.J.B.	PUBLIC WORKS DEPARTMENT	Horiz	NAD 83/98	Date	10/13/2023
OR M.A.O.	ENGINEERING DIVISION	Vert	NAVD 88	Field Bk.	<u>1062 SERI</u>

				E Ti W Ti
4/25/2024 4 90% Design 10/13/23 3 Ecology Review Response 6/12/23 2 60% Design 1/17/23 1 30% Design Date No Revision	By	PROJECT ENGINEER DESIGNED/DRAWN INSPECTOR	STV KL 	DIRECTOR PUBLIC M CITY ENGINEER ASSISTANT DIRECTO

ELECTRICAL - POWER SYSTEM RISER DIAGRAM SCALE: NONE

METER BASE									ELEC	TRICAL		OSURE
VOLTAGE: 120/240V 1 PH 3 W				FLECT	RICAL			0	NN LOAD ((A)	DEMAND	
VOLTAGE. 120/240V, 1 PH, 3 W					CULA			EVIST	NEW			
				Lighting		TION			30.0	101AL	1.25	27.5
MOUNTING SUBFACE				Con Durn		Hoto (Cirol	+ 10 KV(A)	0.0	30.0	30.0	1.25	37.5
MOUNTING. SURFACE				Gen. Purp	ose Ol	nets (First	TUKVA)	0.0	360.0	360.0	1.00	360.0
				Gen. Purp	ose Ol	itiets (Rem	nainder)	0.0	0.0	0.0	0.50	0.0
CONTINUOUS RATING: 100 A				Special P	urpose	Outlets		0.0	0.0	0.0	1.00	0.0
				Mechanica	al Equi	pment		0.0	1332.2	1332.2	1.00	1332.2
PER PUGET SOUND ENERGY				Kitchen Ed	quipme	ent & Appli	iances	0.0	0.0	0.0	1.00	0.0
REQUIREMENTS				Miscellane	ous			0.0	1127.0	1127.0	1.00	1127.0
				25% Larg	est Mo	tor						281.8
SUITABLE FOR USE AS SERVICE												
ENTRANCE EQUIPMENT				TOTAL LC	DAD			0.0	2849.2	2849.2		3138.5
				TOTAL AN	MPS			0.0	11.9	11.9		13.1
PANEL A								INSID	E ELEC	TRICAL	ENCL	OSURE
VOLTAGE: 120/240V, 1 PH, 3 W	FEEDER/BRANCH CIRCU	IT DEVICE	ES:	ELEC	TRICAL	LOAD		CO	NN. LOAD (VA)	DEMAND	DEMAND
TYPE: PANELBOARD	BOLT-ON CIRCUIT BRE	EAKERS		CAL	CULA	TION		EXIST.	NEW	TOTAL	FACTOR	LOAD (VA)
ENCLOSURE: NEMA 1	FULL AIC RATING:	10.0	A 000	Lighting				0.0	30.0	30.0	1.25	37.5
MOUNTING SURFACE	SERIES AIC RATING	N	JONE	Gen Purn	ose Oi	Itlets (First	t 10 KV/A)	0.0	360.0	360.0	1.00	360.0
MOONTING. CONTINCE	CERTECT ICT VITILO.			Gen Durn	ose Or	itlets (Rem	nainder)	0.0	0.0	0.0	0.50	0.0
	SPECIAL PROVISIONS:			Special D		Outlete	namaci)	0.0	0.0	0.0	1.00	0.0
CONTINUOUS DATING: 100 A	SPECIAL PROVISIONS.			Special		Outers		0.0	1222.2	1222.2	1.00	1222.2
CUNTINUOUS RATING: 100 A				Wechanica	ai⊨qui			0.0	1332.2	1332.2	1.00	1332.2
FULL AIC RATING: 10,000 A	MASTER NAMEPLATE			Kitchen Ed	quipme	ent & Appli	lances	0.0	0.0	0.0	1.00	0.0
SERIES AIC RATING: NONE				Miscellane	ous			0.0	1127.0	1127.0	1.00	1127.0
	GROUND BAR			25% Larg	est Mo	tor						281.8
MAIN: CIRCUIT BREAKER												
CONTINUOUS RATING: 70 A	SUITABLE FOR USE A	S SERVIC	E									
FULL AIC RATING: 10,000 A	ENTRANCE EQUIPME	NT										
SERIES AIC RATING: NONE				TOTAL LC	DAD			0.0	2849.2	2849.2		3138.5
LOCATION: BOTTOM				TOTAL AN	MPS			0.0	11.9	11.9		13.1
CONN FEEDER/BRANCH CIRCUIT		BKR	CKT	BUS	CKT	BKR	FEEDE	R/BRANCH C	IRCUIT	L	<u> </u>	CONN
	NOTE	AMP/P	NO	(PHASE)	NO	AMP/P		DESCRIPTION			NOTE	
		20/1	1		2	20/1						800.0
		20/1	2		2	20/1						1127.0
32.2 EXHAUST FAN - ELECTRICAL EN	JLOSURE	20/1	5		4	20/1		ERATED VAL	VE			1127.0
500.0 HEATER - ELECTRICAL ENCLOSU	JRE	20/1	2	A _	0	20/1	SPARE					0.0
0.0 SPARE		20/1	/	в в	8	20/1	SPARE					0.0
0.0 SPARE		20/1	9	A	10	20/1	SPARE					0.0
0.0 SPARE		20/1	11	B	12	20/1	SPARE					0.0
0.0		SPACE	13	A	14	SPACE						0.0
0.0		SPACE	15	B	16	SPACE						0.0
0.0		SPACE	17	A	18	SPACE						0.0
0.0		SPACE	19	B	20	SPACE						0.0
0.0		SPACE	21	A	22	SPACE						0.0
0.0		SPACE	23	В	24	SPACE						0.0
0.0		SPACE	25	Α	26	SPACE						0.0
0.0 SURGE ARRESTOR		30/2	27	B	28	SPACE	1					0.0
0.0		1	29	A	30	SPACE						0.0
0.0			20		00	OFACE						0.0
					EVKE	P						
						N N						

WORKS E.C.J.	CITY OF BELLINGHAM, WASHINGTON	SCALE	DATUM	Job. No. <u>2348</u>
J.J.B.	PUBLIC WORKS DEPARTMENT	Horiz	NAD 83/98	Date <u>10/13/2023</u>
OR M.A.O.	ENGINEERING DIVISION	Vert	NAVD 88	Field Bk. <u>1062 SERI</u>

