, **6** 5

THE SYSTEM SHALL BE GRAVITY DRAINED, THE CONTRACTOR SHALL PROVIDE APPROPRIATE MANUAL DRAINS AT LOW POINTS.

RRGATION SHALL BE MINTERIZED THROUGH LOW PRESSURE HIGH VOLUME AIR ILOWOUT CONNECTION THROUGH QUICK COUPLER.

,# 12 E

5

QUICK COUPLERS TO BE PLACED EVERY 300 LINEAR FEET MAX

ZONE THE FOLLOWING AREAS SEPARATELY TEMPORARY AREAS, PERMANENT LANDSCAPE AREAS AND TREES. CONTROLLER TO BE MOUNTED ON BUILDING EXTERIOR. GENERAL CONTRACTOR TO COORDINATE LOCATION WITH OWNER'S REPRESENTATIVE. REFER TO CIVIL DETAILS AND DETAILS ON LS. 11 FOR POINT OF CONNECTION AND BACKFLOW PREVENTION INFORMATION.

SITE PLAN

(INFEET) 1 nch - SO N

CONTRACTOR TO DETERNINE STATIC WATER PRESSURE AT THE P.O.C. PRIOR TO PREPARING SHOD DRAMMICS	GROUNDCOVER
CONTRACTOR SHALL ESTABLISH MINIMUM PRESSURE AND MAXIMUM DEMAND	FRAGARIA CHILOENS BERBERIS REPENSIO
REQUIREMENTS FOR INARGATION STSTEM DESIGN AND PROVIDE INFORMATION IN AN IRRIGATION SCHEDULE.	
IRRIGATION SYSTEM AS DESIGNED AND INSTALLED SHALL PERFORM WITHIN THE TOLERANCES AND SPECIFICATIONS OF THE SPECIFIED MANUFACTURERS	PLANTS REQUIRED
SYSTEM SHALL BE DESIGNED TO SUPPLY MANUFACTURERS SPECIFIED MINIMUM OPERATING PRESSURE TO FARTHEST EMITTER FROM WATER METER	
SYSTEM SHALL PROVIDE HEAD TO HEAD COVERAGE MITHOUT OVERSPRAY ONTO BUILDING FERCES. SIDEWALKS. PARKING AREAS. OR OTHER NON-VEGETATED SURFACES.	
ALL IRRIGATION PIPE MATERIAL AND INSTALLATION SHALL CONFORM TO APPLICABLE CODE FOR PIPING AND COMPONENT REQUIREMENTS.	
PROVIDE SLEEVING AT ALL AREAS WHERE PIPE TRAVELS UNDER CONCRETE OR HARD SURFACING.	
VALVES SHALL BE WARED AND INSTALLED PER MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES AND CONNECTED TO THE IRRIGATION CONTROLLER	

- LOENSIS' COAST/ YENS' CREEPING (

CONTRACTOR SHALL SUBMIT SHOP DRAWINGS (IRRIGATION PLANS) TO LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. DRAWINGS TO INDICATE HEAD TYPE GALLONS PER MINUTE LATERAL LINES AND BE AT MINIMUM SCALE OF 1-20

UNLESS OTHERWISE INDICATED ALL NEW LANDSCAPE AREAS TO BE IRRIGATED WITH A FULLY AUTOMATIC UNDERGROUND IRRIGATION SYSTEM PROVIDE LOOP SYSTEM FOR OPTIMUM EFFICIENCY.

(2 560 SF)

- CONTRACTOR SHALL ESTABLISH MINIMUM PRESSURE A REQUIREMENTS FOR IRRIGATION SYSTEM DESIGN AND IRRIGATION SCHEDULE.

- IRRIGATION SYSTEM AS DESIGNED AND INSTALLED SHUTCLERANCES AND SPECIFICATIONS OF THE SPECIFIED

- SYSTEM SHALL BE DESIGNED TO SUPPLY MANUFACTUR OPERATING PRESSURE TO FARTHEST EMITTER FROM V

L1.11

BLDG

APPLICATION SET - JANUARY 26, 2021



SHEET	CHECKED BY	DRAWN BY
	SPT	RACIADS

### OVERALL SITE PLAN, PLANT SCHEDULE AND NOTES

[						Delta	
						Issued As	REVISION SCHEDULE
						Issue Date	EDULE

ALCREATE 330 MACKENZE 330 THESE DRAWERS AND ARE THE FROMENT OF MACREAUEL AND ARE HOT TO BE USED ON REPROJUCE IN ANY MANIFER MINOUT PRIOR WRITTEN PERMISSION MINOUT PRIOR WRITTEN PERMISSION

### S17 PLANTS

DI ANTS RECUIREN	BERBERIS REPENS' CREEPING OREGON GRAPE	FRAGARIA CHILOENSIS' COASTAL STRAWBERRY	GROUNDCOVER	VIBURNUM EDULE/ HIGHBUSH CRANBERRY	PHYSOCARPUS CAPITATUS/ PACIFIC NINEBARK	SPIRAEA DOUGLASIV DOUGLAS SPIREA	HOLODISCUS DISCOLOR/ OCEANSPRAY	VACCINIUM OVATUM/ EVERGREEN HUCKLEBERRY	CORNUS SERICEA KELSEVII/ KELSEV DOGWOOD	SMALL OR LARGE SHRUBS	SCRIPUS MICROCARPUS/ SMALL FRUITED BULRUSH	JUNCUS PATENS' SPREADING RUSH	CAREX OBNUPTA SLOUGH SEDGE	HERBACEOUS PLANTS	PLANT SPECIES	
	IG OREGON GRAPE	STAL STRAWBERRY	7/100 SF (180 PLANTS)	H CRANBERRY	PACIFIC NINEBARK	AS SPIREA	EANSPRAY	REEN HUCKLEBERRY	/ KELSEY DOGWOOD	7/100 SF (180 PLANTS)	IALL FRUITED BULRUSH	G RUSH	SEDGE	80-100 SF (157 PLANTS)	RATE	
517 PLANTS	8	8	80 PLAN	ដ	8	8	8	8	8	80 PLAN	5	52	52	157 PLW	γıο	
ANTS	3	1	5	*	12	12	3	3	3	(S)		*	2	лs)	SIZE	
	17 00	17 00		4F 0C	36-00	48" 00	48. 00	36.00	24" 00		12" 00	12.00	17-00		SPACING	

EE SHEET L1.11			
RATE	ŶĨ	SIZE	SPACING
80-100 SF (157 PLANTS)	(157 PUA	ITS)	
DOLE	52	2	12" 00
AUSH	52	<u>*</u>	12.00
L FRUITED BULRUSH	5		12.00
7/100 SF (180 PLANTS)	180 PLAN	(S)	
ELSEY DOGWOOD	8	3	24" 00
EN HUCKLEBERRY	8	3	36.00
NSPRAY	8	3	48. 00
SPIREA	8	3	48" 00
CIFIC NINEBARK	8	12	36-00
SRANBERRY	8	3	47 OC

## FACILITY A - BASIN (4,514 SF) 70/1

	00 SF
	<b>IN CONTAINER</b>

LL FRUITED BULRUSH	RUSH	DOF			see sheet l1.11	
КUSH			80/100 SF (157 PLANTS)	RATE	L1.11	
ង	52	52	(157 PLAN	γro		
	*	2	TS)	SIZE		
12.00	12.00	17.00		SPACING		

ALLEN	512E	SPACING
3S 6	#2 CONTAINER	24° OC
00 SF	<b>IN CONTAINER</b>	17 OC

) SF	#2 CONTAINER	24" 00
10 SF	#1 CONTAINER	17 OC
ie she	SEE SHEET L1.11	

SEE SHEE	19 00
ET L1.11	IN CONTAINER
	×

# 7/ 100

ZONE B VEGETATION TYPE SMALL OR LARGE SHRUBS

GROUNDCOVER

## CATCH BASIN VEGETATION REQUIREMENTS #1 CONTAINER #2 CONTAINER SIZE SI CONTAINER 15" OC SPACING **PACINO**

NW CORNELIUS PASS RD

∦

L1.10

RIGATION

ALL LANDSCAPED AREAS SHALL BE COVERED BY A LAYER OF ORGANIC MULCH TO A MINIMUM DEPTH OF 2-INCHES

(1954 SF)

ZONE

TOPSOIL SHALL BE AMENDED AS RECOMMENDED BY AN INDEPENDENT SOLS TESTING ABORATORY AND AS OUTLINED IN THE SPECIFICATION A SOILS AMALYSIS BY AN INDEPENDENT SOILS TESTING LABORATORY RECOGNIZED BY THE STATE DEPARTMENT OF AGRICULTURE SHALL BE USED TO RECOMMEND AN VPPROPRATE PLANTING SOIL AND/OR SPECIFIED SOIL AMENDMENTS.

EXISTING AREAS PROPOSED FOR NEW PLANT MATERIAL SHALL BE CLEARED AND LEGALLY DISPOSED UNLESS SO NOTED REPLACE REPAIR AND RESTORE DISTURBED LANDSCAPE AREAS OUE TO GRADING. TRENCHING ORG THER REASONS TO PRE-CONSTRUCTION CONSTITUTION AND PROVIDE MATERIAL APPROVED BY THE OWNER AND OWNER'S REPRESENTATIVE.

## SKYLINE ROAD 9200 SW LAWNFIELD ROAD CLACKAMAS, OR 97015

LANTING

CONTRACTOR SHALL COORDINATE WITH THE OWNER ANY DISRUPTION TO VEHICULAR CIRCULATION PRIOR TO COMMENCEMENT OF ANY WORK.

DAMAGE TO EXISTING CONCRETE CURB, ASPHALT PAVING, OR OTHER STRUCTURE SHALL BE REPAIRED OR REPLACED TO PRE CONSTRUCTION CONDITIONS. LOCATION OF EXISTING TREES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORK.

1440 - SEE LO 01

STORMWATER REALTING - SEE LO.01

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OR UN

13/1 000 Sr

15an-241 11.11

> 5122 G L

100

SOACHIG 24" 0.0

42 00 42 0.0.

NOTIFY THE OWNER OR OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES OR CONFLICTS WITH EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF ANY WORK

CALL BEFORE YOU DIG. CONTRACTOR SHALL VERIPY INKERT ELEVATIONS OF ALL UNDERRAVIND UTILITIES AND NOTIFY UNDSCAPE ARCHATECT IF THERE ARE ANY UNDERRAVICIES WITH FUNITION ROOT ZONES TO REGULEST LOCATES FOR PROPOSED EXCAVATION CALL 1-800-332-2344 (OR 811) IN OREGON.

CONTRACTOR SHALL CONFIRM ALL EXISTING CONDITIONS PRIOR TO COMMENCING WORK.

ALL EXISTING TREES PLANTS AND ROOTS SHALL BE PROTECTED FROM DAMAGE FROM ANY CONSTRUCTION PREPARATION REMOVAL OR INSTALLATION ACTIVITIES WITHIN AND ADJACENT TO PROJECT LIMITS.

SHOUS ADJACENT TO PARKING AREAS SHALL BE PLANTED 2 FT MINIMUM AWAY FROM THE BACK OF CURB SHRUBS AND DROWNOVORFA ALONG OTHER PARKINT EDGES SHALL BE PLANTED A MINIMUM OF ONE HALF THEIR ON CENTER SPACING AWAY FROM

STORMWATER FACILITY PLANT SCHEDULE PER CITY OF PORTUND BES STORMWATER MUNICEMENT MMUNAL (2020)

**AVEMENT EDGE** 

ALL PLANT MATERIAL SHALL BE HEALTHY NURSERY STOCK WELL BRANCHED AND ROOTED FUL FOLMAE. FREE FROM INSECTS DISEASES, WEEDS, WEED ROT, INLUS AND DEFECTS WITH NO LESS THAM MINIMUMS SPECIFIED IN AMERICAN STANDARDS FOR NURSERY STOCK. ANSI 280.1-2004.

VEGETATION TYPE HERBACEOUS PLANTS OR

HERBACEOUS PLANTS SMALL OR LARGE SHRUBS

72 100 SF QUANTITY 80/ 100 SF

IF DISTURBANCE IS NECESSARY AGOUND EXISTING TREES. CONTRACTOR SHALL PROTECT THE CROWN AND ALL WORK WITHIN THE TREE BRIZZONE SHALL BE LIMITED TO THE USE OF HAND TOOLS AND MANUAL EQUIPMENT ONLY.

OREGON DEPARTMENT OF TRANSPORTATION

MACKENZIE

NW SKYLINE BLVD

Seattle, WA 206.749.9993 WWW.mclimze.com

Portland, OR SOLZZA SKOD Vencourec, WA JEOLEEE, 7879

Architecture Interiors Planning Engineering 3

Exhibit A.23



SHEET INDEX

OVERALL SITE PLAN PLANT SCHEDULE AND NOTES LUNDSCAPE PLAN PLANT DETAILS IRRIGATION DETAILS

PLANT SCHEDULE

CASCARA BUCKTHO

NO.

5 24

830

JURISDICTION STORMWATER ZONING OVERLAY SITE AREA

MULTNOMAH COUNTY BES Exclusive FARM USE SEC-4 70 222 SF 1,61 AC 20,778 SF (38%)

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14HONIA ADVIFOLIUN GUULTHERIA SHALL

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CORNUS SERICEN

RED THIC DOGHOOD

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828

SITE INFORMATION

LANDSCAPE NOTES

LANDSCAPE AREA