

PLANT LEGEND "VERIFY ALL QUANTITIES"

TREES AND SHRUBS SHOWN AT MATURE SIZE. ALL OF THE TREES AND 50% OF THE PLANTS ARE DROUGHT TOLERANT-(DT)

SYM.	#	BOTANICAL	COMMON	SIZE		TYPE
TREES						
ARB	4	ACER RUBRUM 'BOYHALL'	COLUMNAR RED MAPLE	1-3/4 IN GAL	DEC	DT
PCC	8	PYRUS CALLERYANA 'GHANTICLEER'	'GHANTICLEER' PEAR	2 IN GAL	DEC	DT
SJ	11	STYRAX JAPONICA	JAPANESE SNOWBELL	1-3/4 IN GAL	DEC	DT
ZS	3	ZELKOVA SERRATA GREEN VASE	GREEN VASE ZELKOVA	1-3/4 IN GAL	DEC	DT
SHRUBS						
EJGS	12	EUNYMUS JAPONICUS GREEN SPIRE	GREEN SPIRE EUNYMUS	2 GAL	E6	DT
FJ	3	FATSIA JAPONICA	JAPANESE ARALIA	4 FT - 5 FT	E6	DT
JS	2	JUNIPERUS C. 'SKYROCKET'	SKYROCKET JUNIPER	5FT - 6FT	E6	DT
PJPFF	6	PIERIS JAPONICA 'PINK FLAMINGO'	ANDROMEDA	5 GAL	E6	DT
FLO	44	FRAXUS L. 'OTTO-LYKKE'	OTTO-LYKKE LAUREL	5 GAL	E6	DT
RP	5	RHODODENDRON 'P.J.M.'	P.J.M. RHODY	2 GAL	E6	DT
RYP	1	RHODODENDRON YAKU PRINCESS	YAKU RHODY	5 GAL	E6	DT
SR	26	SARGOCOGGA RUSCIFOLIA	TALL SARGOCOGGA	2 GAL	E6	DT
TOEG	86	THUJA O. 'EMERALD GREEN'	EMERALD GREEN ARBORVITAE	E6	E6	DT
DWARF SHRUBS						
B56	101	BUXUS S. 'SUFFRUTICOSA'	DWARF ENGLISH BOXWOOD	12 IN - 15 IN	E6	DT
CCL	84	CROCOSMIA CURTONIS 'LUCIFER'	CROCOSMIA	1 GAL	E6	DT
ECV	24	ERICA CARNEA 'VIVELLI'	SPRING HEATHER	1 GAL	E6	DT
FH	4	FUSCHIA H. 'SANTA CLAUS'	EVERGREEN FUSCHIA	2 GAL	E6	DT
IS	124	IBERIS SEMPERVIRENS	CANDYTUFF	1 GAL	E6	DT
LD1	14	LITHODORA DIFFUSA	LITHODORA	1 GAL	E6	DT
POS	6	POLYSTICHUM SETIFERUM	ALASKA LACE FERN	1 GAL	E6	DT
RM	94	ROSA MEIDLAND 'SCARLET'	SCARLET MEIDLAND ROSE	2 GAL	DEC	DT
RUM	14	RHAPHIOLEPIS U. MINOR 'GULF GREEN'	DWARF YEDDO HAWTHORN	2 GAL	E6	DT
GROUNDCOVERS "4" Potted ground-covers shall be well rooted in flats"						
AU24	250	ARGTOSTAPHYLOS UVAURSII-24IN-O.G.	NATIVE KINKIKINNICK	4 IN 24" O.G.	E6	DT
RCEC	514	RUBUS CALYGINOIDES 'EMERALD CARPET'	EMERALD CARPET	4 IN 24" O.G.	E6	DT

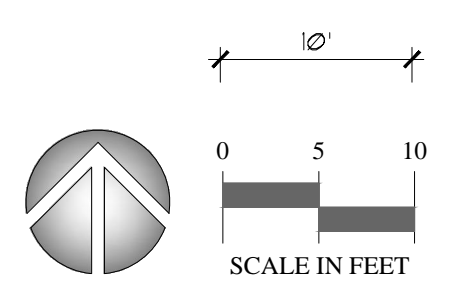
MULCH
DARRELL MULCH
 LANDSCAPE ARCHITECTURE
 1907 N.E. 66TH AVENUE #168
 PORTLAND, OREGON 97213
 (503) 222-7416 TEL.

REGISTERED
 315
Darrell Mulch
 Darrell Mulch
 OREGON
 10-18-93
 LANDSCAPE ARCHITECT

BARLOW TRAIL
VETERINARY CLINIC
 38952 PIONEER BLVD. SANDY, OR 97055

DATE:	9-30-22
PROJECT NO:	X
DESIGNED:	DM
DRAWN:	DM
CHECKED:	DM
REVISIONS:	

L1 PLANTING PLAN

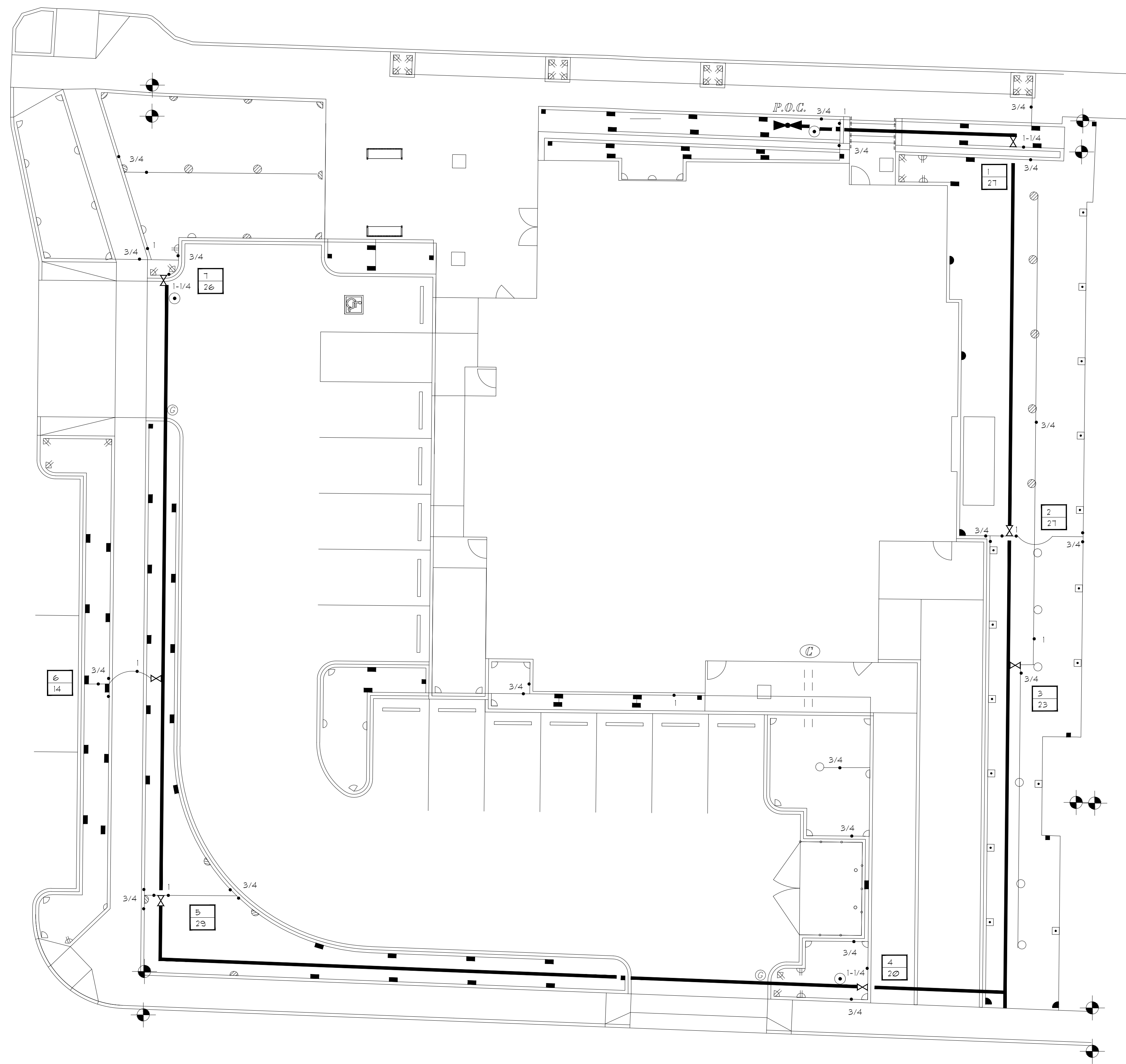


ATTENTION: Oregon law requires you to follow rules adopted by the Oregon Utility Notification Center. Those rules are set forth in OAR 952-001-0010 through OAR 952-001-0090. You may obtain copies of the rules by calling the center. (Note: the telephone number for the Oregon Utility Notification Center is (503) 232-1987).

SHEET
L1
 2

BARLOW TRAIL VETERINARY CLINIC

38952 PIONEER BLVD. SANDY, OR 97055



IRRIGATION LEGEND

- 1-1/2" CLASS 200 PVC MAINLINE PIPE
- 1" CLASS 200 PVC LATERAL PIPE SIZE AS INDICATED ON PLAN
- SCHEDULE 40 PVC PIPE SLEEVE UNDER ALL HARD SURFACES AND THROUGH WALLS. PLACE SLEEVES WHERE NECESSARY AND/OR WHERE SHOWN ON PLAN. USE PIPE OF SUFFICIENT SIZE TO ACCOMMODATE BELL ENDS AND ANY CONTROL WIRES THAT NEED TO GO THROUGH SLEEVE. COORDINATE WITH GENERAL.
- 6" PE
- RAINBIRD ESP-LXI CONTROLLER
- (X) X (VALVE AND CONTROLLER NUMBER OVER GPM)
USE FR-D OPTION ON SPRAY ZONES WITH P.S.I. EXCEEDING 10 AT P.O.C.
100-PEB 0-30 G.P.M.
- GATE VALVE "ISOLATION VALVE"
- QUICK COUPLING VALVE
- P.O.C. CONBRACO DOUBLE CHECK 1"

SYSTEM BASED ON 1" METER WITH 55 P.S.I. AT P.O.C.

SPRAY HEAD LEGEND

RAINBIRD 1800-FRS SERIES, 1.0" PER HOUR

SYMBOL	NOZZLE	PSI	RADIUS	ARC	GPM
O	10F	30	10' MAX.	360	1.57
D	10H	30	10' MAX.	180	0.79
I	10T	30	10' MAX.	120	0.52
J	10Q	30	10' MAX.	90	0.39
K	12F	30	12' MAX.	360	2.60
L	12TG	30	12' MAX.	210	1.95
M	12H	30	12' MAX.	180	1.30
N	12T	30	12' MAX.	120	0.87
O	12Q	30	12' MAX.	90	0.65
P	15F	30	15' MAX.	360	3.70
Q	15TG	30	15' MAX.	210	2.78
R	15H	30	15' MAX.	180	1.85
S	15T	30	15' MAX.	120	1.23
T	15Q	30	15' MAX.	90	0.93
U	VAN	30	VARIES	VARIES	VARIES
V	5CST-B	30	BUBBLER	NA	0.5
W	1550	30	23' X 23' SQUARE	3.73	
X	1551T	30	4' X 15' END	0.61	
Y	1551C	30	4' X 30' CENTER	1.21	
Z	1551S	30	4' X 30' SIDE	1.21	
AA	1755T	30	4' X 10' SIDE	1.73	
AB	1402	30	BUBBLER	NA	0.5
AC	5F	30	5' MAX.	360	.41
AD	5H	30	5' MAX.	180	0.2
AE	5T	30	5' MAX.	120	0.13
AF	5Q	30	5' MAX.	90	0.1

HEAD RISER SCHEDULE

AREA	SPRAY HEADS
LAWNS	4" (1804)-FRS
SHRUBS	6" (1806)-FRS

IRRIGATION HEAD NOTES

1. USE SIDE INLETS ON 6" AND 12" SPRAY HEAD RISERS.
2. USE BOTTOM INLETS ON SAM TYPE SPRAY HEADS.
3. RADII ARE LISTED FOR INFORMATION ONLY. USE 5' SPRAYS INSTEAD OF 10' WHERE APPROPRIATE. SPACE HEADS AS SHOWN ON DRAWINGS.

THIS PLAN IS SCHEMATIC. DO NOT BEND MAINLINE PIPE. USE 45° ELBOWS TO MAKE 90° TURNS ON MAINLINE PIPE OVER 2-1/2". PLACE MAINLINE AND SYSTEM COMPONENTS WITHIN PROPERTY LINE. SYSTEM COMPONENTS ARE SHOWN OUTSIDE BEDS FOR GRAPHIC CLARITY.

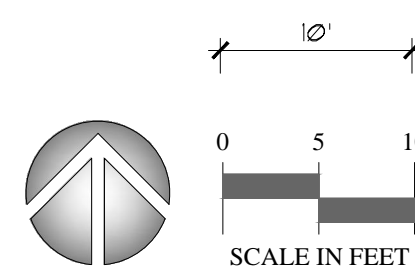
PIPE SIZING

THIS PLAN IS SCHEMATIC. THERE ARE SHORT SECTIONS OF PIPE THAT MAY NOT APPEAR ON THE PLAN THAT WILL MANIFOLD FROM EACH VALVE.

PIPE SHALL BE SIZED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS OR AS SPECIFIED ON PLAN.

FLOW NOT TO EXCEED 5" PER SECOND.

PIPE SIZE / CLASS 200	GPM	F.S.I./LOSS
3/4" 3/4" PIPE	1 - 10	4.31
1" 1" PIPE	10 - 16	3.11
1-1/4" 1-1/4" PIPE	16 - 26	2.46
1-1/2" 1-1/2" PIPE	26 - 36	2.20
2" 2" PIPE	36 - 56	1.72
2-1/2" 2-1/2" PIPE	56 - 80	1.36
3" 3" PIPE	80 - 120	1.11
4" 4" PIPE	120 - 200	.84



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