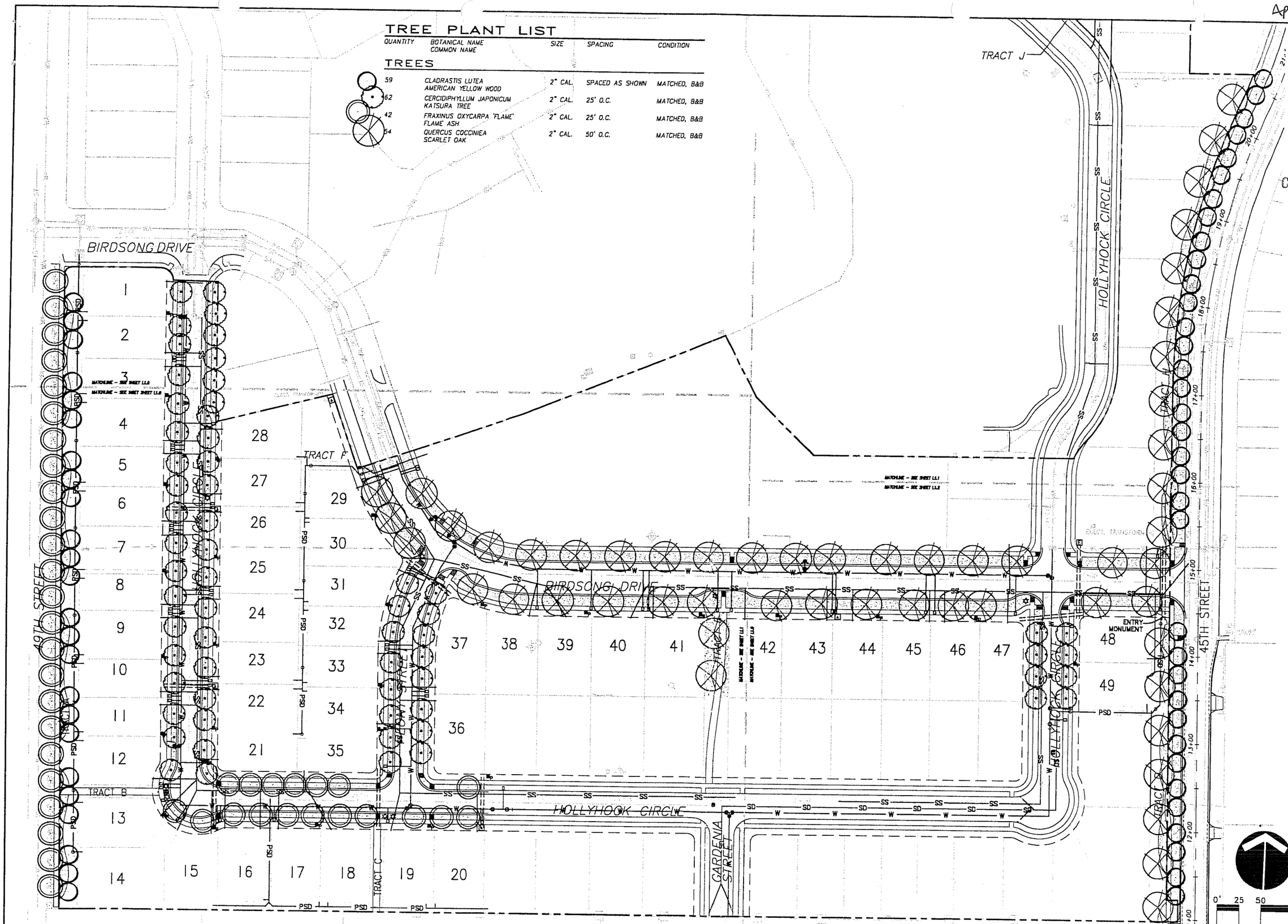
Approved: 5/17/04

TREE PLANT LIST

QUANTITY	BOTANICAL NAME / COMMON NAME	SIZE	SPACING	CONDITION
TREES				
59	CLADRASTIS LUTEA / AMERICAN YELLOW WOOD	2" CAL.	SPACED AS SHOWN	MATCHED, B&B
62	CERCIDIPHYLLUM JAPONICUM / KATSURA TREE	2" CAL.	25' O.C.	MATCHED, B&B
42	FRAXINUS OXYCARPA 'FLAME' / FLAME ASH	2" CAL.	25' O.C.	MATCHED, B&B
54	QUERCUS COCCINIEA / SCARLET OAK	2" CAL.	50' O.C.	MATCHED, B&B



04/04
Date
DH/KS
Designed
DH/KS
Drawn
Checked By Date

RECEIVED
MAY 19 2004
Community Development

CORVALLIS OFFICE
515 SW Western Avenue
Corvallis, Oregon 97333
PHONE: (541) 754-2162
FAX: (541) 754-1141

LEGEND HOMES — HOMEBUILDER

MATRIX PROPERTIES — OWNER

PARISH HOMES — DEVELOPER

LANDSCAPING PERMIT SUBMITTAL MAY 11, 2004

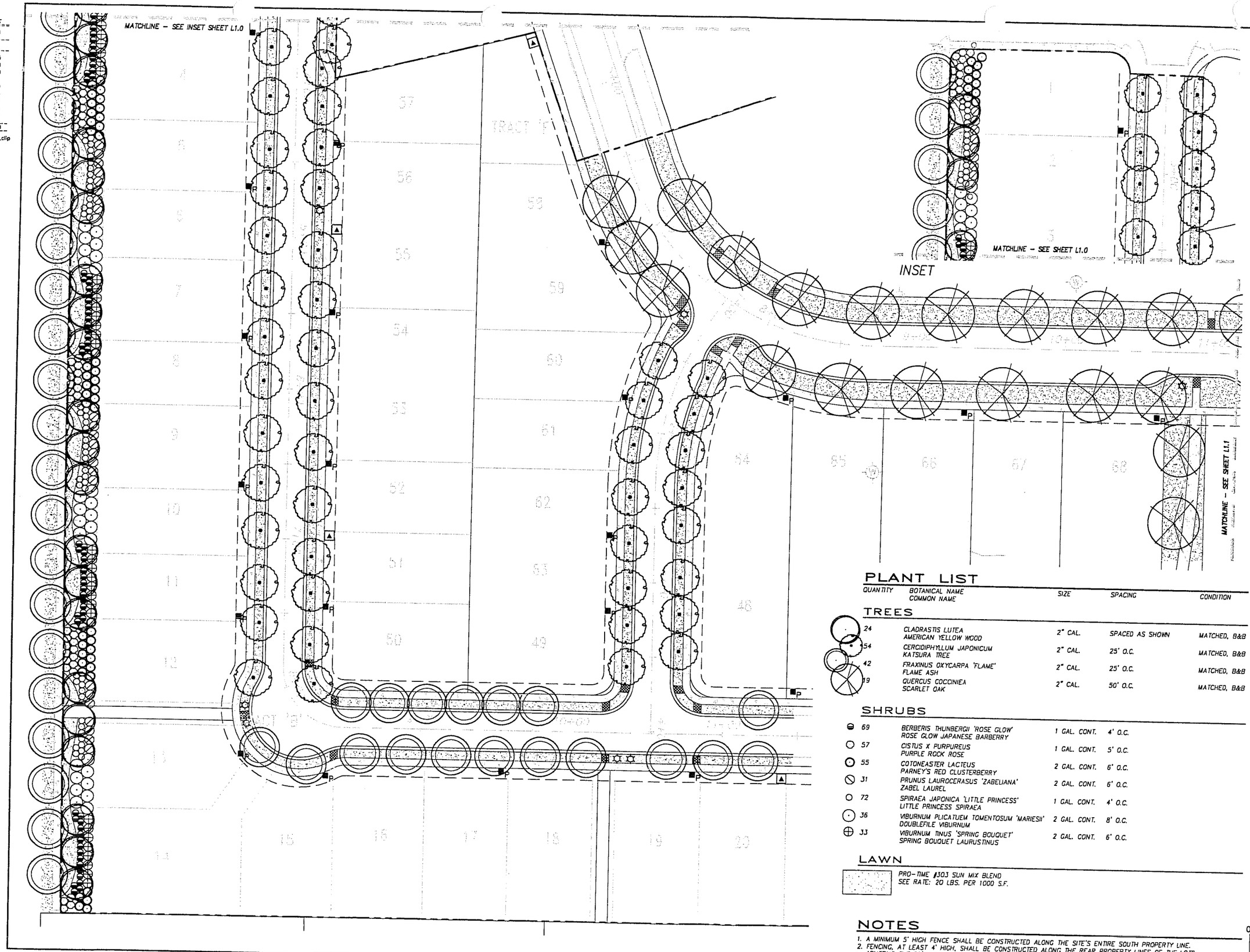
Stoneybrook - Phase 4

PIPC PERMIT # PIP03-1390
CORVALLIS, OREGON

STREET TREE PLANTING PLAN

otak Incorporated
435 NW 5th St., Suite D
Corvallis, Oregon 97330
Phone: (541) 738-1611
FAX: (541) 738-1612
Internet: WWW.Otak.COM

12062
Project No.
D062L0-0
File No.
L0.0



PLANT LIST

QUANTITY	BOTANICAL NAME / COMMON NAME	SIZE	SPACING	CONDITION
TREES				
24	CLADRASTIS LUTEA AMERICAN YELLOW WOOD	2" CAL.	SPACED AS SHOWN	MATCHED, B&B
54	CERCIDIPHYLLUM JAPONICUM KATSURA TREE	2" CAL.	25' O.C.	MATCHED, B&B
42	FRAXINUS OXYCARPA 'FLAME' FLAME ASH	2" CAL.	25' O.C.	MATCHED, B&B
19	QUERCUS COCCINIEA SCARLET OAK	2" CAL.	50' O.C.	MATCHED, B&B
SHRUBS				
69	BERBERIS THUNBERGII 'ROSE GLOW' ROSE GLOW JAPANESE BARBERRY	1 GAL. CONT.	4' O.C.	
57	CISTUS X PURPUREUS PURPLE ROCK ROSE	1 GAL. CONT.	5' O.C.	
55	COTONEASTER LACTEUS PARNEY'S RED CLUSTERBERRY	2 GAL. CONT.	6' O.C.	
31	PRUNUS LAUROCERASUS 'ZABELIANA' ZABEL LAUREL	2 GAL. CONT.	6' O.C.	
72	SPIRAEA JAPONICA 'LITTLE PRINCESS' LITTLE PRINCESS SPIRAEA	1 GAL. CONT.	4' O.C.	
36	VIBURNUM PLICATUEM TOMENTOSUM 'MARIESII' DOUBLEFILE VIBURNUM	2 GAL. CONT.	8' O.C.	
33	VIBURNUM TINUS 'SPRING BOUQUET' SPRING BOUQUET LAURUSTINUS	2 GAL. CONT.	6' O.C.	

LAWN

PRO-TIME #303 SUN MIX BLEND
SEE RATE: 20 LBS. PER 1000 S.F.

NOTES

1. A MINIMUM 5' HIGH FENCE SHALL BE CONSTRUCTED ALONG THE SITE'S ENTIRE SOUTH PROPERTY LINE.
2. FENCING, AT LEAST 4' HIGH, SHALL BE CONSTRUCTED ALONG THE REAR PROPERTY LINES OF THE LOTS ABUTTING THE 20' BUFFERS ALONG 45TH AND 49TH STREETS.

0' 15 30 60

04/04
Date
DH/KS
Designed
DH/KS
Drawn
Checked By Date

CORVALLIS OFFICE
515 SW Western Avenue
Corvallis, Oregon 97333
PHONE: (541) 754-2102
FAX: (541) 754-1141

LEGEND HOMES
HOMEBUILDER

MATRIX
OWNER

PARISH HOMES
Local Builders with Integrity
DEVELOPER

MAY 11, 2004
LANDSCAPING PERMIT SUBMITTAL

Stoneybrook – Phase 4

PIPC PERMIT # PIPU3-1390
CORVALLIS, OREGON

LANDSCAPE PLANTING PLAN & LEGEND

otak
Incorporated
435 NW 5th St., Suite D
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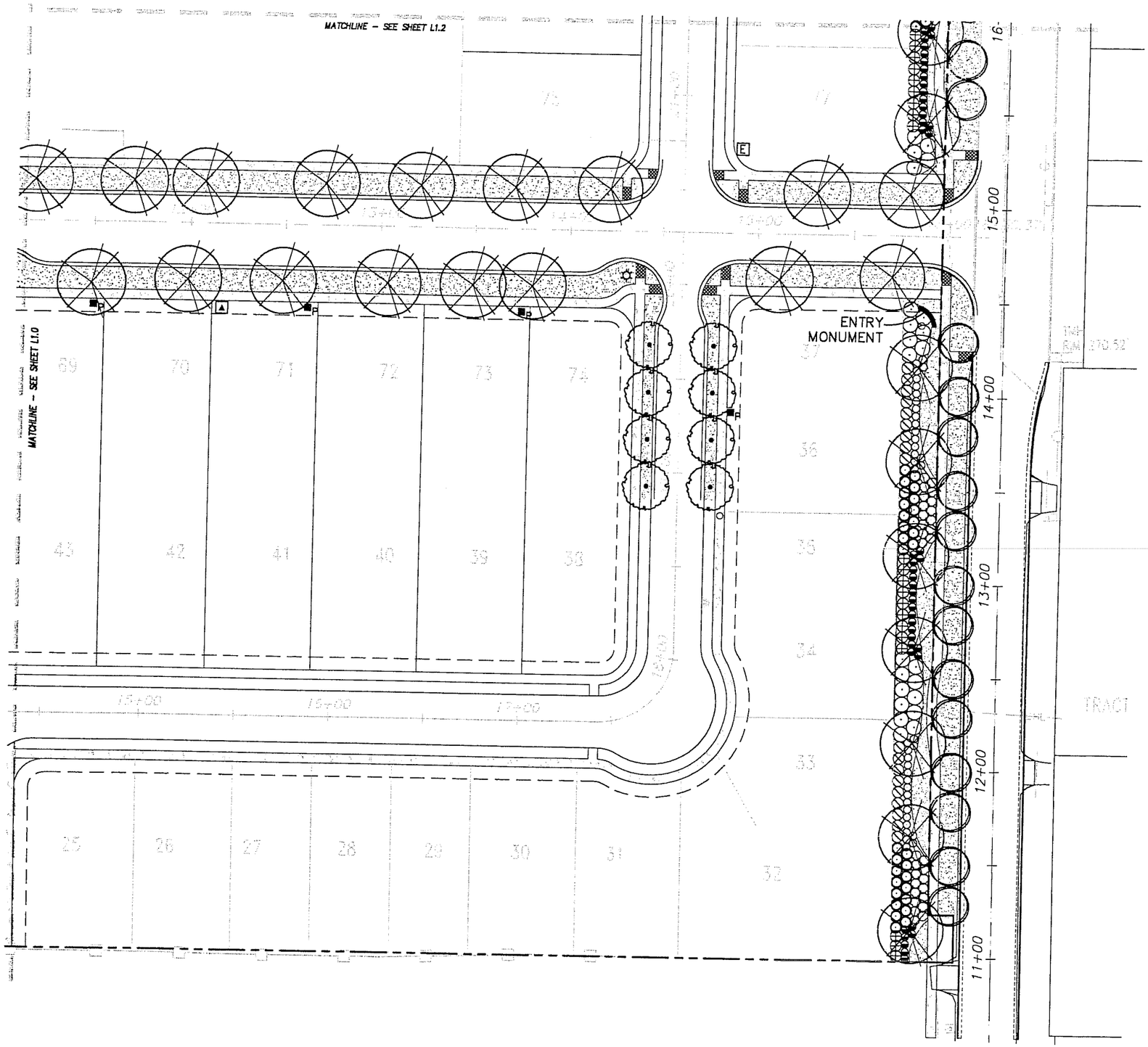
FAX: (541) 738-1612
Internet: WWW.Otak.COM

12062
Project No.
D062L1-0
File No.
L1.0



PLANT LIST

QUANTITY	BOTANICAL NAME / COMMON NAME	SIZE	SPACING	CONDITION
TREES				
15	CLADRASTIS LUTEA AMERICAN YELLOW WOOD	2" CAL.	SPACED AS SHOWN	MATCHED, B&B
8	CERCIDIPHYLLUM JAPONICUM KATSURA TREE	2" CAL.	25' O.C.	MATCHED, B&B
-	FRAXINUS OXYCARPA 'FLAME' FLAME ASH	2" CAL.	25' O.C.	MATCHED, B&B
26	QUERCUS COCCINIEA SCARLET OAK	2" CAL.	50' O.C.	MATCHED, B&B
SHRUBS				
43	BERBERIS THUNBERGII 'ROSE GLOW' ROSE GLOW JAPANESE BARBERRY	1 GAL. CONT.	4' O.C.	
29	CISTUS X PURPUREUS PURPLE ROCK ROSE	1 GAL. CONT.	5' O.C.	
31	COTONEASTER LACTEUS PARNEY'S RED CLUSTERBERRY	2 GAL. CONT.	6' O.C.	
18	PRUNUS LAUROCERASUS 'ZABELIANA' ZABEL LAUREL	2 GAL. CONT.	6' O.C.	
38	SPIRAEA JAPONICA 'LITTLE PRINCESS' LITTLE PRINCESS SPIRAEA	1 GAL. CONT.	4' O.C.	
36	VIBURNUM PUCATUEM TOMENTOSUM 'MARIESII' DOUBLEFILE VIBURNUM	2 GAL. CONT.	8' O.C.	
21	VIBURNUM TINUS 'SPRING BOUQUET' SPRING BOUQUET LAURUSTINUS	2 GAL. CONT.	6' O.C.	
LAWN				
	PRO-TIME #303 SUN MIX BLEND SEE RATE: 20 LBS. PER 1000 S.F.			

NOTES

1. A MINIMUM 5' HIGH FENCE SHALL BE CONSTRUCTED ALONG THE SITE'S ENTIRE SOUTH PROPERTY LINE.
2. FENCING, AT LEAST 4' HIGH, SHALL BE CONSTRUCTED ALONG THE REAR PROPERTY LINES OF THE LOTS ABUTTING THE 20' BUFFERS ALONG 45TH AND 49TH STREETS.

04/04
Date
DH/KS
Designed
DH/KS
Drawn
Checked By Date

CORVALLIS OFFICE
315 SW Western Avenue
Corvallis, Oregon 97333
PHONE: (541) 754-2102
FAX: (541) 754-1141

LEGEND HOMES — HOMEBUILDER

MATRIX PROPERTIES — OWNER

PAHLISCH HOMES — Local Builders with Integrity — DEVELOPER

LANDSCAPING PERMIT SUBMITTAL MAY 11, 2004

Stoneybrook – Phase 4

PIPC PERMIT # PIP03-1390
CORVALLIS, OREGON

LANDSCAPE PLANTING PLAN

otak Incorporated
435 NW 5th St., Suite D
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FAX: (541) 738-1612
Internet: WWW.Otak.COM

12062
Project No.
DO62L1-1
File No.
L1.1

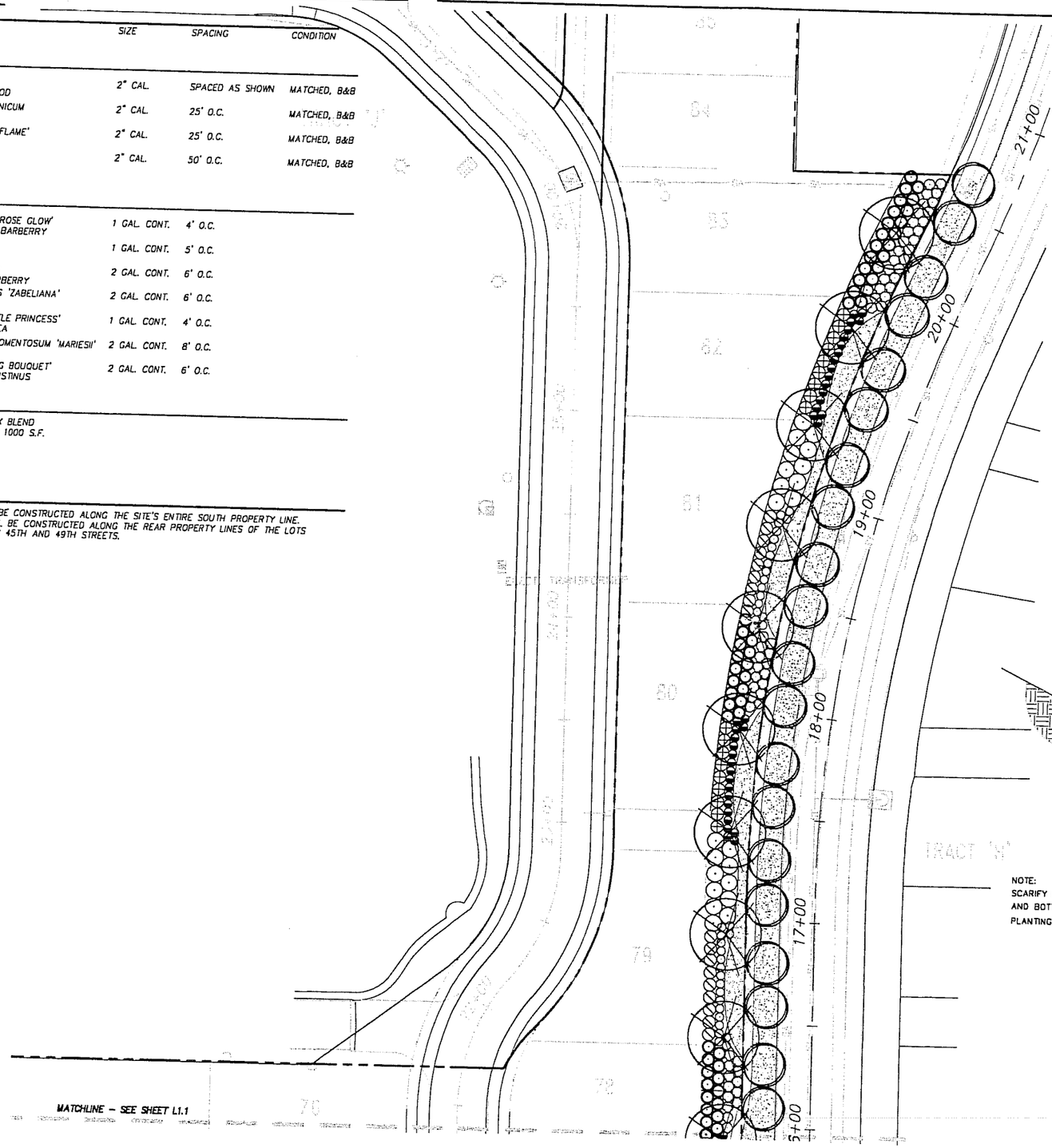
0' 15 30 60

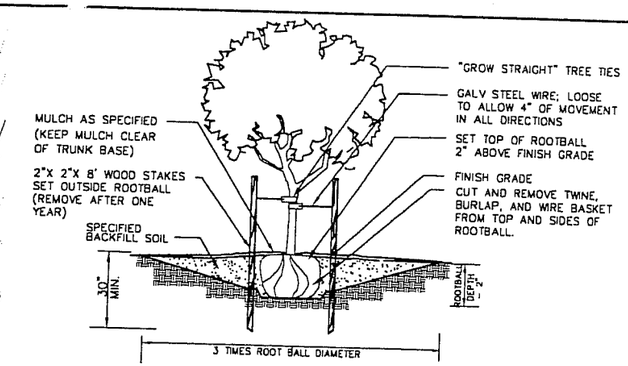
PLANT LIST

QUANTITY	BOTANICAL NAME COMMON NAME	SIZE	SPACING	CONDITION
TREES				
20	CLADRASTIS LUTEA AMERICAN YELLOW WOOD	2" CAL.	SPACED AS SHOWN	MATCHED, B&B
–	CERCIDIPHYLLUM JAPONICUM KATSURA TREE	2" CAL.	25' O.C.	MATCHED, B&B
–	FRAXINUS OXYCARPA 'FLAME' FLAME ASH	2" CAL.	25' O.C.	MATCHED, B&B
9	QUERCUS COCCINIEA SCARLET OAK	2" CAL.	50' O.C.	MATCHED, B&B
SHRUBS				
37	BERBERIS THUNBERGII 'ROSE GLOW' ROSE GLOW JAPANESE BARBERRY	1 GAL. CONT.	4' O.C.	
56	CISTUS X PURPUREUS PURPLE ROCK ROSE	1 GAL. CONT.	5' O.C.	
54	COTONEASTER LACTEUS PARNEY'S RED CLUSTERBERRY	2 GAL. CONT.	6' O.C.	
18	PRUNUS LAUROCERASUS 'ZABELIANA' ZABEL LAUREL	2 GAL. CONT.	6' O.C.	
37	SPIRAEA JAPONICA 'LITTLE PRINCESS' LITTLE PRINCESS SPIRAEA	1 GAL. CONT.	4' O.C.	
22	VIBURNUM PLICATUEM TOMENTOSUM 'MARIESII' DOUBLEFILE VIBURNUM	2 GAL. CONT.	8' O.C.	
18	VIBURNUM TINUS 'SPRING BOUQUET' SPRING BOUQUET LAURUSTINUS	2 GAL. CONT.	6' O.C.	
LAWN				
	PRO-TIME #303 SUN MIX BLEND SEE RATE: 20 LBS. PER 1000 S.F.			

NOTES

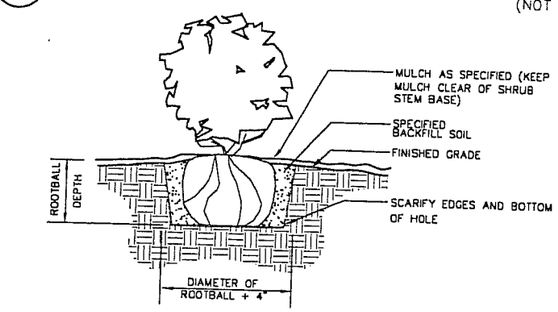
1. A MINIMUM 5' HIGH FENCE SHALL BE CONSTRUCTED ALONG THE SITE'S ENTIRE SOUTH PROPERTY LINE.
2. FENCING, AT LEAST 4' HIGH, SHALL BE CONSTRUCTED ALONG THE REAR PROPERTY LINES OF THE LOTS ABUTTING THE 20' BUFFERS ALONG 45TH AND 49TH STREETS.





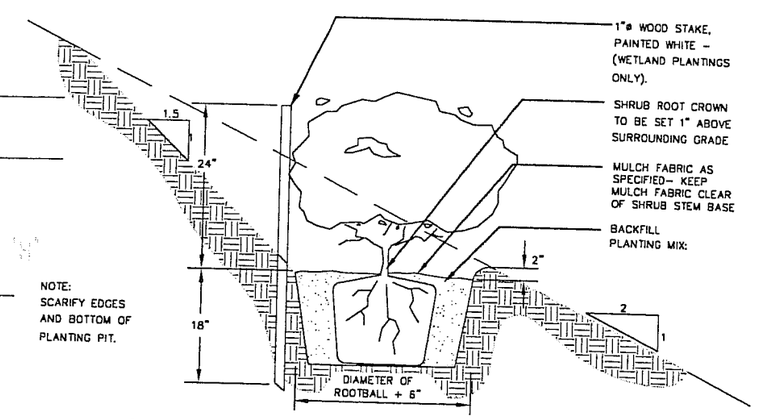
1 / L1-2 TREE PLANTING & STAKING DETAIL

(NOT TO SCALE)



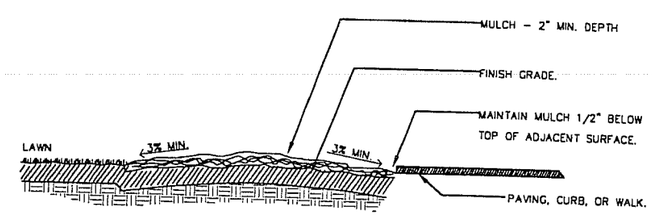
2 / L1.2 SHRUB PLANTING DETAIL

(NOT TO SCALE)



3 / L1.2 SECTION – PLANTING ON A SLOPE

(NOT TO SCALE)



4 / L1.4 SECTION – PLANTING BED GRADING

(NOT TO SCALE)

0' 15 30 60

04/04
Date
DH/KS
Designed
DH/KS
Drawn
Checked By Date

CORVALLIS OFFICE
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PHONE: (541) 754-2102
FAX: (541) 754-1141

LEGEND HOMES — HOMEBUILDER

MATRIX PROPERTIES GROUP — OWNER

PAHLISCH HOMES — DEVELOPER

LANDSCAPING PERMIT SUBMITTAL MAY 11, 2004

Stoneybrook – Phase 4

PIPC PERMIT # PIP03-1390
CORVALLIS, OREGON

LANDSCAPE PLANTING PLAN & DETAILS

otak Incorporated
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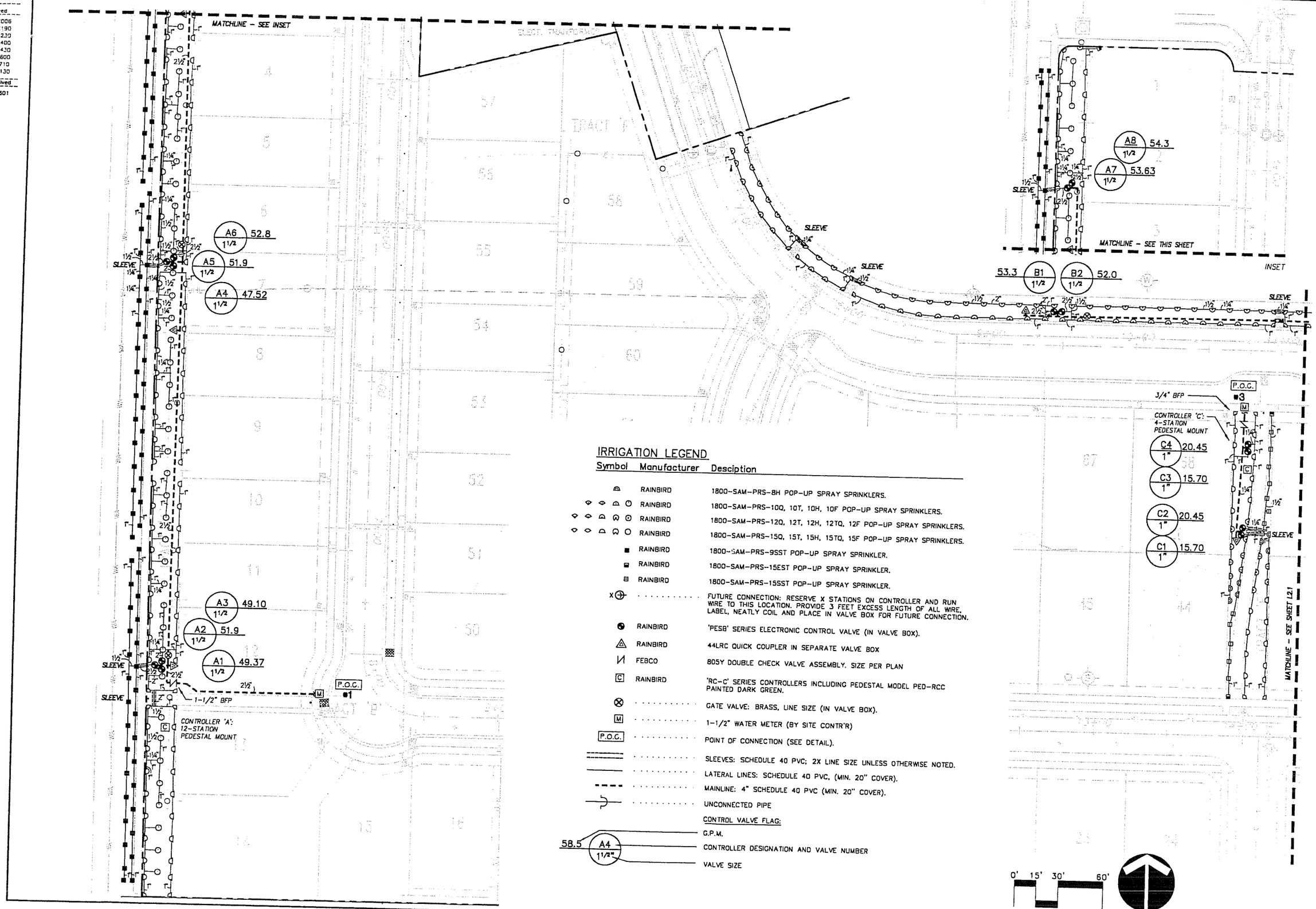
12062
Project No.
D062L1-2
File No.
L1.2



IRRIGATION LEGEND

Symbol	Manufacturer	Desciption
	RAINBIRD	1800-SAM-PRS-8H POP-UP SPRAY SPRINKLERS.
	RAINBIRD	1800-SAM-PRS-10Q, 10T, 10H, 10F POP-UP SPRAY SPRINKLERS.
	RAINBIRD	1800-SAM-PRS-12Q, 12T, 12H, 12TQ, 12F POP-UP SPRAY SPRINKLERS.
	RAINBIRD	1800-SAM-PRS-15Q, 15T, 15H, 15TQ, 15F POP-UP SPRAY SPRINKLERS.
	RAINBIRD	1800-SAM-PRS-9SST POP-UP SPRAY SPRINKLER.
	RAINBIRD	1800-SAM-PRS-15EST POP-UP SPRAY SPRINKLER.
	RAINBIRD	1800-SAM-PRS-15SST POP-UP SPRAY SPRINKLER.
X	.....	FUTURE CONNECTION: RESERVE X STATIONS ON CONTROLLER AND RUN WIRE TO THIS LOCATION. PROVIDE 3 FEET EXCESS LENGTH OF ALL WIRE, LABEL, NEATLY COIL AND PLACE IN VALVE BOX FOR FUTURE CONNECTION.
	RAINBIRD	'PESB' SERIES ELECTRONIC CONTROL VALVE (IN VALVE BOX).
	RAINBIRD	44LRC QUICK COUPLER IN SEPARATE VALVE BOX
	FEBCO	805Y DOUBLE CHECK VALVE ASSEMBLY. SIZE PER PLAN
C	RAINBIRD	'RC-C' SERIES CONTROLLERS INCLUDING PEDESTAL MODEL PED-RCC PAINTED DARK GREEN.
	.....	GATE VALVE: BRASS, LINE SIZE (IN VALVE BOX).
M	.....	1-1/2" WATER METER (BY SITE CONTR'R)
P.O.C.	.....	POINT OF CONNECTION (SEE DETAIL).
	.....	SLEEVES: SCHEDULE 40 PVC; 2X LINE SIZE UNLESS OTHERWISE NOTED.
	.....	LATERAL LINES: SCHEDULE 40 PVC. (MIN. 20" COVER).
	.....	MAINLINE: 4" SCHEDULE 40 PVC (MIN. 20" COVER).
	.....	UNCONNECTED PIPE

CONTROL VALVE FLAG:

58.5 A4 1½"
- G.P.M.
- CONTROLLER DESIGNATION AND VALVE NUMBER
- VALVE SIZE

04/04
Date
DBHKS
Designed
DBHKS
Drawn
KS 4/27/04
Checked By Date

CORVALLIS OFFICE
515 SW Western Avenue
Corvallis, Oregon 97333
PHONE: (541) 754-2102
FAX: (541) 754-1141

LEGEND HOMES — HOMEBUILDER

MATRIX PROPERTIES — OWNER

PAHLISCH HOMES, Local Builders with Integrity — DEVELOPER

LANDSCAPING PERMIT SUBMITTAL MAY 11, 2004

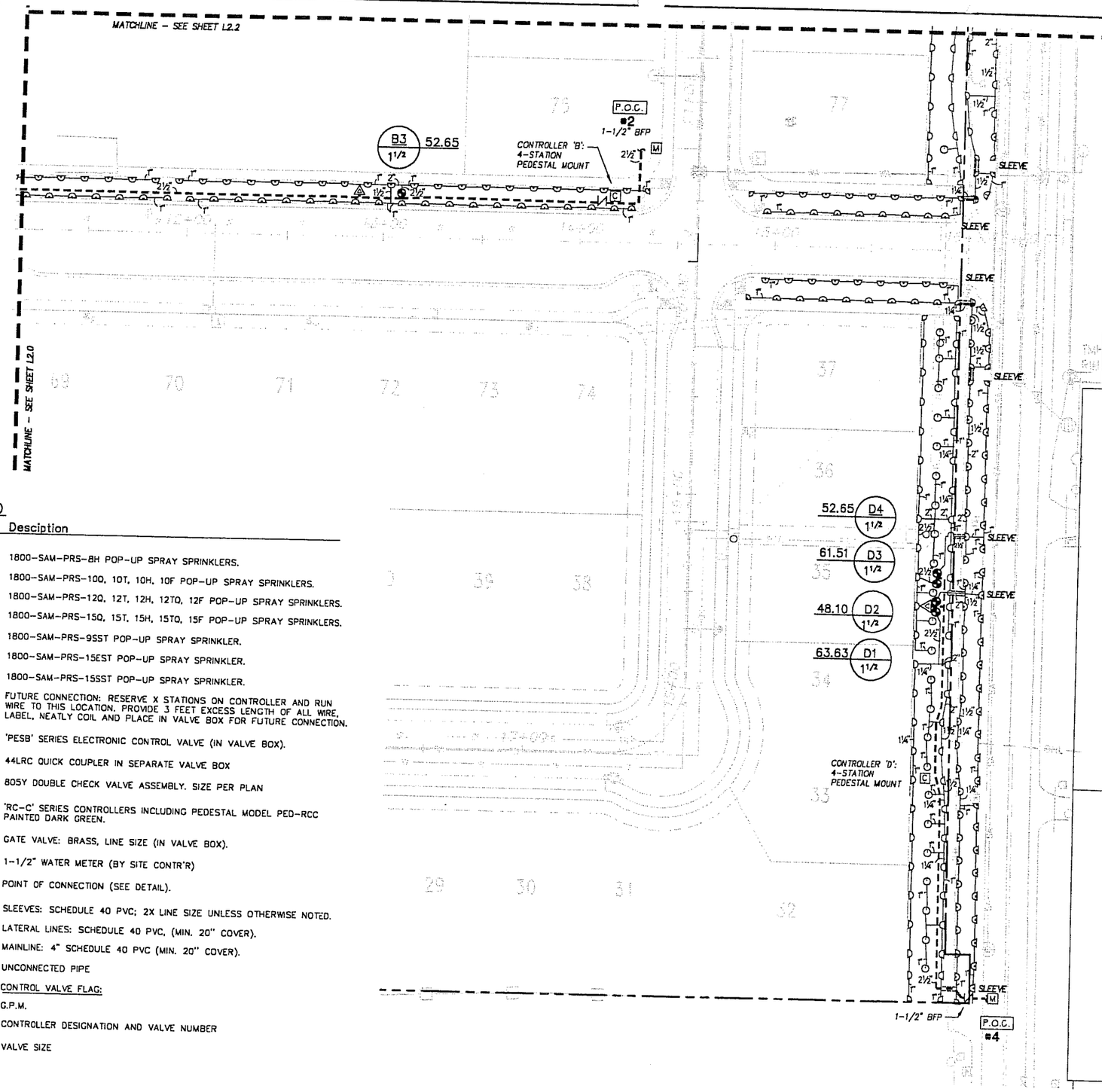
Stoneybrook - Phase 4

PUPC PERMIT #PHPU3-1390
CORVALLIS, OREGON

Irrigation Plan - 1

otak Incorporated
435 NW 5th St., Suite D
Corvallis, Oregon 97330
Phone: (541) 738-1611
FAX: (541) 738-1612
Internet: WWW.Otak.COM

12062
Project No.
D062L2-0
File No.
L2.0



IRRIGATION LEGEND

Symbol	Manufacturer	Desciption
	RAINBIRD	1800-SAM-PRS-8H POP-UP SPRAY SPRINKLERS.
	RAINBIRD	1800-SAM-PRS-10Q, 10T, 10H, 10F POP-UP SPRAY SPRINKLERS.
	RAINBIRD	1800-SAM-PRS-12Q, 12T, 12H, 12TQ, 12F POP-UP SPRAY SPRINKLERS.
	RAINBIRD	1800-SAM-PRS-15Q, 15T, 15H, 15TQ, 15F POP-UP SPRAY SPRINKLERS.
	RAINBIRD	1800-SAM-PRS-9SST POP-UP SPRAY SPRINKLER.
	RAINBIRD	1800-SAM-PRS-15EST POP-UP SPRAY SPRINKLER.
	RAINBIRD	1800-SAM-PRS-15SST POP-UP SPRAY SPRINKLER.
X		FUTURE CONNECTION: RESERVE X STATIONS ON CONTROLLER AND RUN WIRE TO THIS LOCATION. PROVIDE 3 FEET EXCESS LENGTH OF ALL WIRE, LABEL, NEATLY COIL AND PLACE IN VALVE BOX FOR FUTURE CONNECTION.
	RAINBIRD	'PESB' SERIES ELECTRONIC CONTROL VALVE (IN VALVE BOX).
	RAINBIRD	44LRC QUICK COUPLER IN SEPARATE VALVE BOX
	FEBCO	805Y DOUBLE CHECK VALVE ASSEMBLY. SIZE PER PLAN
C	RAINBIRD	'RC-C' SERIES CONTROLLERS INCLUDING PEDESTAL MODEL PED-RCC PAINTED DARK GREEN.
		GATE VALVE: BRASS, LINE SIZE (IN VALVE BOX).
M		1-1/2" WATER METER (BY SITE CONTR'R)
P.O.C.		POINT OF CONNECTION (SEE DETAIL).
		SLEEVES: SCHEDULE 40 PVC; 2X LINE SIZE UNLESS OTHERWISE NOTED.
		LATERAL LINES: SCHEDULE 40 PVC, (MIN. 20" COVER).
		MAINLINE: 4" SCHEDULE 40 PVC (MIN. 20" COVER).
		UNCONNECTED PIPE

CONTROL VALVE FLAG:

58.5 A4 1½"

- G.P.M.
- CONTROLLER DESIGNATION AND VALVE NUMBER
- VALVE SIZE

Date	04/04
Designed	DBRKS
Drawn	DBRKS
Checked By	KS 4/27/04 Date

CORVALLIS OFFICE
315 SW Washington Avenue
Corvallis, Oregon 97333
PHONE: (541) 754-7102
FAX: (541) 754-1141

LEGEND HOMES — HOMEBUILDER

MATRIX — OWNER

PAHLISCH HOMES — DEVELOPER

Stoneybrook - Phase 4

PIPC PERMIT # PIP03-1390
CORVALLIS, OREGON

Irrigation Plan - 2

otak Incorporated

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FAX: (541) 738-1612
Internet: WWW.Otak.COM

Project No. 12062

File No. 0062L2.1

L2.1

LANDSCAPING PERMIT SUBMITTAL MAY 11, 2004

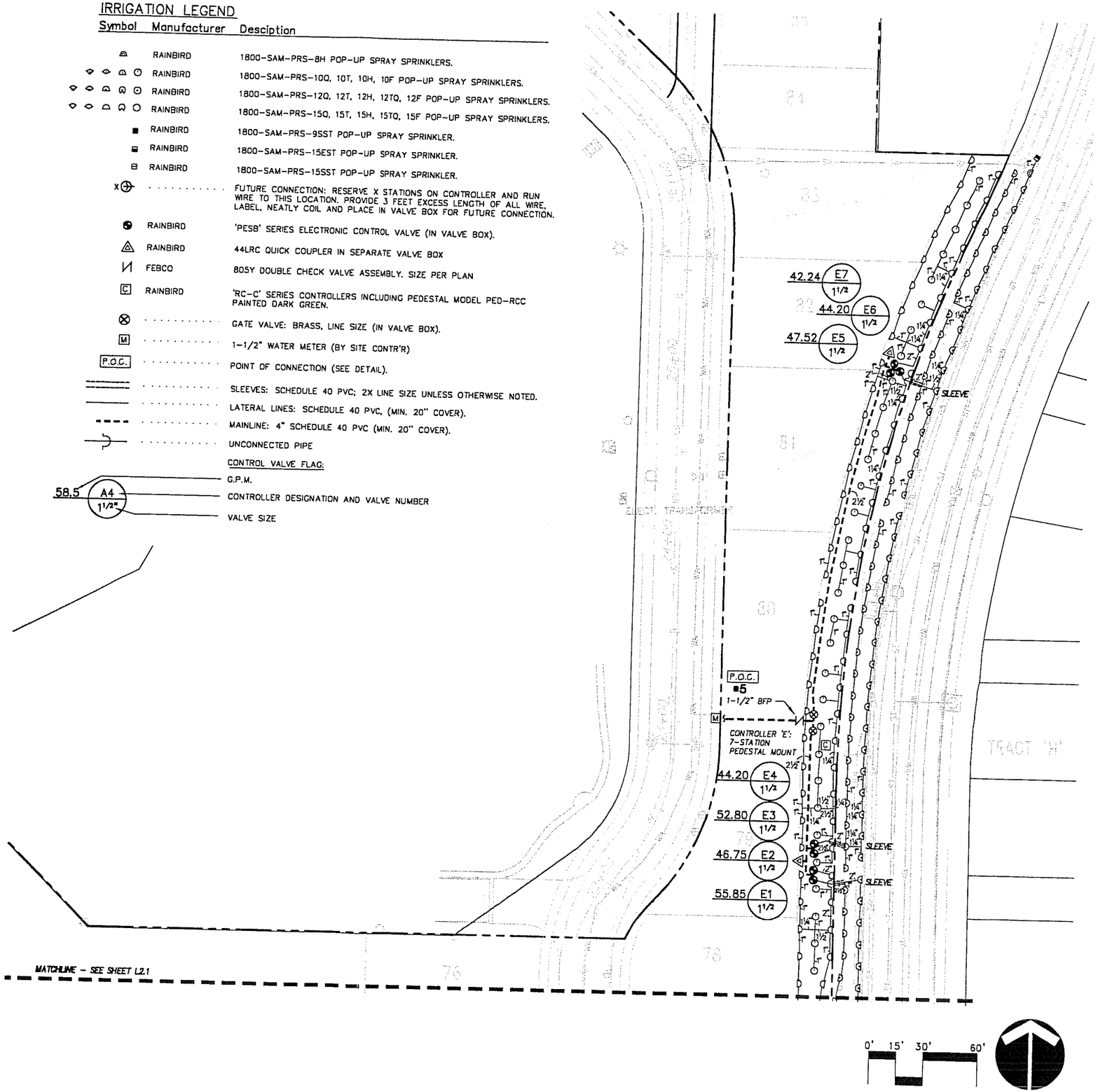
IRRIGATION LEGEND

Symbol	Manufacturer	Desciption
	RAINBIRD	1800-SAM-PRS-8H POP-UP SPRAY SPRINKLERS.
	RAINBIRD	1800-SAM-PRS-10Q, 10T, 10H, 10F POP-UP SPRAY SPRINKLERS.
	RAINBIRD	1800-SAM-PRS-12Q, 12T, 12H, 12TQ, 12F POP-UP SPRAY SPRINKLERS.
	RAINBIRD	1800-SAM-PRS-15Q, 15T, 15H, 15TQ, 15F POP-UP SPRAY SPRINKLERS.
	RAINBIRD	1800-SAM-PRS-9SST POP-UP SPRAY SPRINKLER.
	RAINBIRD	1800-SAM-PRS-15EST POP-UP SPRAY SPRINKLER.
	RAINBIRD	1800-SAM-PRS-15SST POP-UP SPRAY SPRINKLER.
x		FUTURE CONNECTION: RESERVE X STATIONS ON CONTROLLER AND RUN WIRE TO THIS LOCATION. PROVIDE 3 FEET EXCESS LENGTH OF ALL WIRE, LABEL, NEATLY COIL AND PLACE IN VALVE BOX FOR FUTURE CONNECTION.
	RAINBIRD	'PESB' SERIES ELECTRONIC CONTROL VALVE (IN VALVE BOX).
	RAINBIRD	44LRC QUICK COUPLER IN SEPARATE VALVE BOX
	FEBCO	805Y DOUBLE CHECK VALVE ASSEMBLY. SIZE PER PLAN
C	RAINBIRD	'RC-C' SERIES CONTROLLERS INCLUDING PEDESTAL MODEL PED-RCC PAINTED DARK GREEN.
		GATE VALVE: BRASS, LINE SIZE (IN VALVE BOX).
M		1-1/2" WATER METER (BY SITE CONTR'R)
P.O.C.		POINT OF CONNECTION (SEE DETAIL).
		SLEEVES: SCHEDULE 40 PVC; 2X LINE SIZE UNLESS OTHERWISE NOTED.
		LATERAL LINES: SCHEDULE 40 PVC, (MIN. 20" COVER).
		MAINLINE: 4" SCHEDULE 40 PVC (MIN. 20" COVER).
		UNCONNECTED PIPE

CONTROL VALVE FLAG:

58.5 A4 1 1/2"

- G.P.M.
- CONTROLLER DESIGNATION AND VALVE NUMBER
- VALVE SIZE



Date	04/04
Designed	DDH/KS
Drawn	KS 4/27/04
Checked By	Date

CORVALLIS OFFICE
515 SW Western Avenue
Corvallis, Oregon 97333
PHONE: (541) 754-2102
FAX: (541) 754-1141

LEGEND HOMES — HOMEBUILDER

MATRIX — OWNER

PAHLISCH HOMES — DEVELOPER

DSCAPING PERMIT SUBMITTAL MAY 11, 2004

Stoneybrook - Phase 4

PIPC PERMIT # PIP03-1390
CORVALLIS, OREGON

Irrigation Plan - 3

otak Incorporated

435 NW 5th St., Suite D
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FAX: (541) 738-1612
Internet: WWW.Otak.COM

Project No. 12062

File No. D062L2-2

L2.2

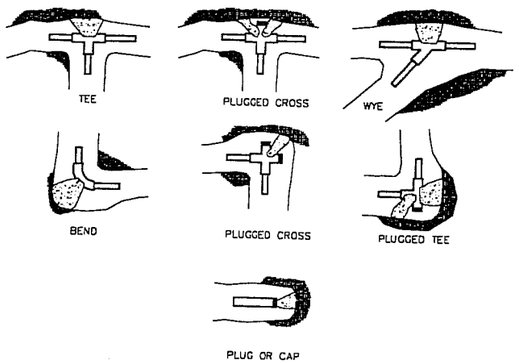
BEARING AREA OF THRUST BLOCKS (SQUARE FEET)							
FITTING SIZE	TEE, WYE, PLUG OR CAP	90° BEND PLUGGED CROSS	TEE PLUGGED ON RUN		45° BEND	22 1/2° BEND	11 1/2° BEND
			A1	A3			
4"	2.0	2.8	3.8	2.8	2.0	1.0	1.0
6"	4.3	6.0	8.8	6.0	3.2	2.0	1.0

NOTE: ABOVE BEARING AREAS BASED ON TEST PRESSURE OF 200 p.s.i. AND AN ALLOWABLE SOIL BEARING STRESS OF 1,500 lbs. PER SQUARE FOOT. TO COMPUTE BEARING AREAS FOR DIFFERENT TEST PRESSURES. AND SOIL BEARING STRESSES, USE THE FOLLOWING EQUATION
BEARING AREA=(TEST PRESSURE/200)x(1500/SOIL BEARING STRESS)x(TABLE VALUE)

NOTES:
1. CONCRETE THRUST BLOCKING TO BE POURED AGAINST UNDISTURBED EARTH.

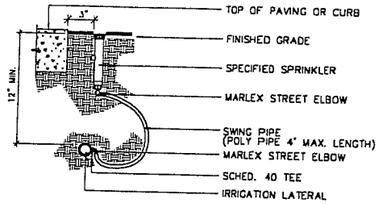
2. KEEP CONCRETE CLEAR OF JOINTS AND ACCESSORIES.

3. ALL FITTINGS SHALL BE WRAPPED IN 6 MIL PLASTIC PRIOR TO THRUST BLOCK PLACEMENT, MAKING SURE THE BOLTS AND NUTS ARE PROTECTED.



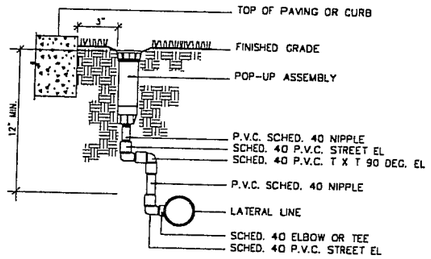
THRUST BLOCKS AT MAINLINE 11

SCALE: N.T.S



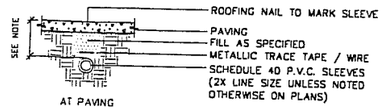
SMALL POP-UP ASSEMBLY 8

SCALE: N.T.S



LARGE POP-UP ASSEMBLY 7

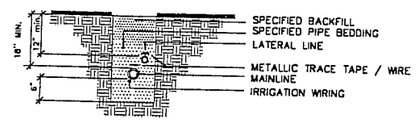
SCALE: N.T.S



NOTES:
EXTEND IRRIGATION SLEEVE 6" BEYOND EACH SIDE OF PAVING.
DEPTH OF MAINLINE = 18".
DEPTH OF LATERAL @ PAVING = 14" MIN.
DEPTH OF LINES UNDER DRIVING SURFACES = 24" MIN.

IRRIGATION SLEEVES 4

SCALE: N.T.S



TYPICAL TRENCHING 3

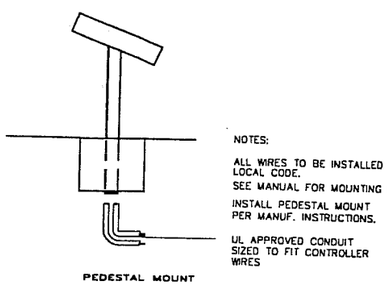
SCALE: N.T.S

IRRIGATION LEGEND

Symbol	Manufacturer	Description
	RAINBIRD	1800-SAM-PRS-8H POP-UP SPRAY SPRINKLERS.
	RAINBIRD	1800-SAM-PRS-10Q, 10T, 10H, 10F POP-UP SPRAY SPRINKLERS.
	RAINBIRD	1800-SAM-PRS-12Q, 12T, 12H, 12TQ, 12F POP-UP SPRAY SPRINKLERS.
	RAINBIRD	1800-SAM-PRS-15Q, 15T, 15H, 15TQ, 15F POP-UP SPRAY SPRINKLERS.
	RAINBIRD	1800-SAM-PRS-9SST POP-UP SPRAY SPRINKLER.
	RAINBIRD	1800-SAM-PRS-15EST POP-UP SPRAY SPRINKLER.
	RAINBIRD	1800-SAM-PRS-15SST POP-UP SPRAY SPRINKLER.
X	.....	FUTURE CONNECTION: RESERVE X STATIONS ON CONTROLLER AND RUN WIRE TO THIS LOCATION. PROVIDE 3 FEET EXCESS LENGTH OF ALL WIRE, LABEL, NEATLY COIL AND PLACE IN VALVE BOX FOR FUTURE CONNECTION.
	RAINBIRD	'PESB' SERIES ELECTRONIC CONTROL VALVE (IN VALVE BOX).
	RAINBIRD	44LRC QUICK COUPLER IN SEPARATE VALVE BOX
	FEBCO	805Y DOUBLE CHECK VALVE ASSEMBLY. SIZE PER PLAN
C	RAINBIRD	'RC-C' SERIES CONTROLLERS INCLUDING PEDESTAL MODEL PED-RCC PAINTED DARK GREEN.
	.....	GATE VALVE: BRASS, LINE SIZE (IN VALVE BOX).
M	.....	1-1/2" WATER METER (BY SITE CONTR'R)
P.O.C.	.....	POINT OF CONNECTION (SEE DETAIL).
	.....	SLEEVES: SCHEDULE 40 PVC; 2X LINE SIZE UNLESS OTHERWISE NOTED.
	.....	LATERAL LINES: SCHEDULE 40 PVC, (MIN. 20" COVER).
	.....	MAINLINE: 4" SCHEDULE 40 PVC (MIN. 20" COVER).
	.....	UNCONNECTED PIPE

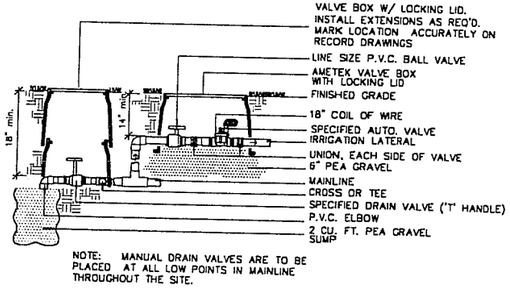
CONTROL VALVE FLAG:

58.5 — G.P.M.
A4 — CONTROLLER DESIGNATION AND VALVE NUMBER
1 1/2" — VALVE SIZE



CONTROLLER MOUNTING 10

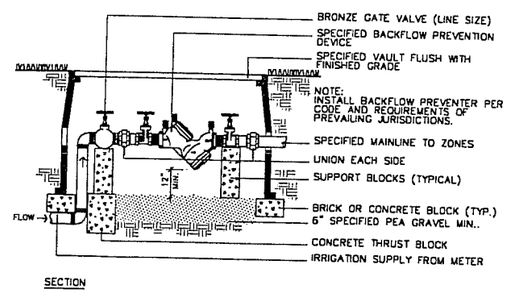
SCALE: N.T.S



NOTE: MANUAL DRAIN VALVES ARE TO BE PLACED AT ALL LOW POINTS IN MAINLINE THROUGHOUT THE SITE.

CONTROL AND MANUAL DRAIN VALVE 6

SCALE: N.T.S

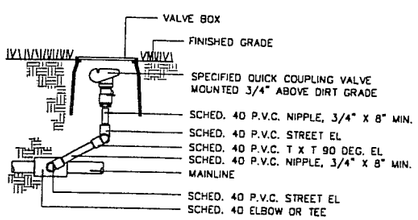


DOUBLE CHECK BACKFLOW PREVENTER 2

SCALE: N.T.S

IRRIGATION NOTES

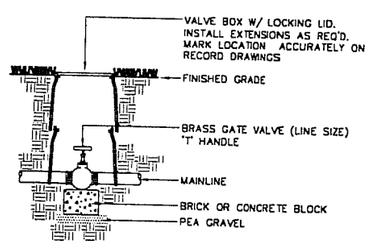
1. LOCATE AND VERIFY ALL UTILITY LINES PRIOR TO EXCAVATION OR CONSTRUCTION. (SEE CIVIL PLANS FOR UNDERGROUND UTILITY LINES.)
2. FIELD VERIFY STATIC WATER PRESSURE. SYSTEM IS DESIGNED WITH STATIC WATER PRESSURE OF 65 PSI AT POINT OF CONNECTION (P.O.C.). CONTACT ARCHITECT IF STATIC WATER PRESSURE IS OVER 95 PSI.
3. PLACE MANUAL DRAIN VALVES AT ALL LOW POINTS OF SYSTEM. A MINIMUM OF ONE DRAIN VALVE ON MAINLINE AND ONE DRAIN VALVE ON LATERAL LINE PER ZONE.
4. LINE LOCATIONS ARE SHOWN SCHEMATICALLY FOR GRAPHIC CLARITY. LINES ARE TO SHARE COMMON TRENCHES WHEREVER POSSIBLE. IRRIGATION SLEEVES ARE SHOWN AT APPROXIMATE LOCATIONS.
5. IRRIGATION HEADS IN LAWN AREAS AND ADJACENT TO CURBS AND WALKS SHALL BE 4" POP-UP TYPE, AND ALL SHRUB HEADS SHALL BE 6" POP-UP TYPE.
6. SIZE OF LATERAL PIPE IS GENERALLY INDICATED ON FIRST AND LAST SEGMENT OF LIKE SIZED PIPE. PIPE IS SIZED TO ASSURE WATER VELOCITIES OF LESS THAN 5 FEET PER SECOND.
7. LOCATE VALVES AT EDGE OF LAWNS AND PLAN BEDS FOR EASY ACCESS.
8. ALL VALVES ARE SHOWN SCHEMATICALLY FOR GRAPHIC CLARITY. PLACE VALVES OUTSIDE R.O.W. LIMITS IN ALL CASES, VERIFY IN FIELD.
9. SEE CIVIL UTILITY PLANS FOR EXACT LOCATION AND SIZE OF WATER METER. WATER METER WILL BE PROVIDED BY OTHERS.
10. SEE ELECTRICAL PLANS FOR POWER TO CONTROLLERS.



NOTE: LOCATE QUICK COUPLERS AS SHOWN ON PLAN. PLACE QUICK COUPLERS LOCATED AROUND AND NEAR BALL FIELDS, TRACK, AND SPORT AREAS IN 8" ROUND VALVE BOX (FLUSH WITH FINISHED GRADE).

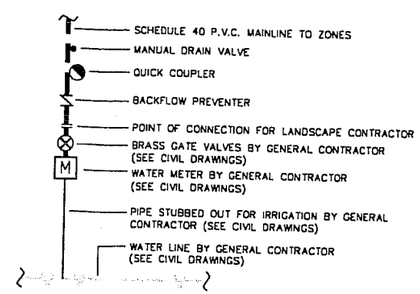
QUICK COUPLER VALVE ASSEMBLY 9

SCALE: N.T.S



GATE VALVE 5

SCALE: N.T.S



SCHEMATIC POINT OF CONNECTION 1

SCALE: N.T.S

04/04
Date
DBHKS
Designed
DBHKS
Drawn
KS 4/27/04
Checked By Date

CORVALLIS OFFICE:
515 SW Western Avenue
Corvallis, Oregon 97333
PHONE: (541) 754-2102
FAX: (541) 754-1141

LEGEND HOMES — HOMEBUILDER

MATRIX PROPERTIES — OWNER

PAHLISCH HOMES — Local Builders with Integrity — DEVELOPER

LANDSCAPING PERMIT SUBMITTAL MAY 11, 2004

Stoneybrook – Phase 4

PIPC PERMIT #PIP03-1,590
CORVALLIS, OREGON

Irrigation Legend, Notes, and Details

otak Incorporated
435 NW 5th St., Suite D
Corvallis, Oregon 97330
Phone: (541) 738-1611
FAX: (541) 738-1612
Internet: WWW.Otak.COM

12062
Project No.
D062L2-3
File No.
L2.3