

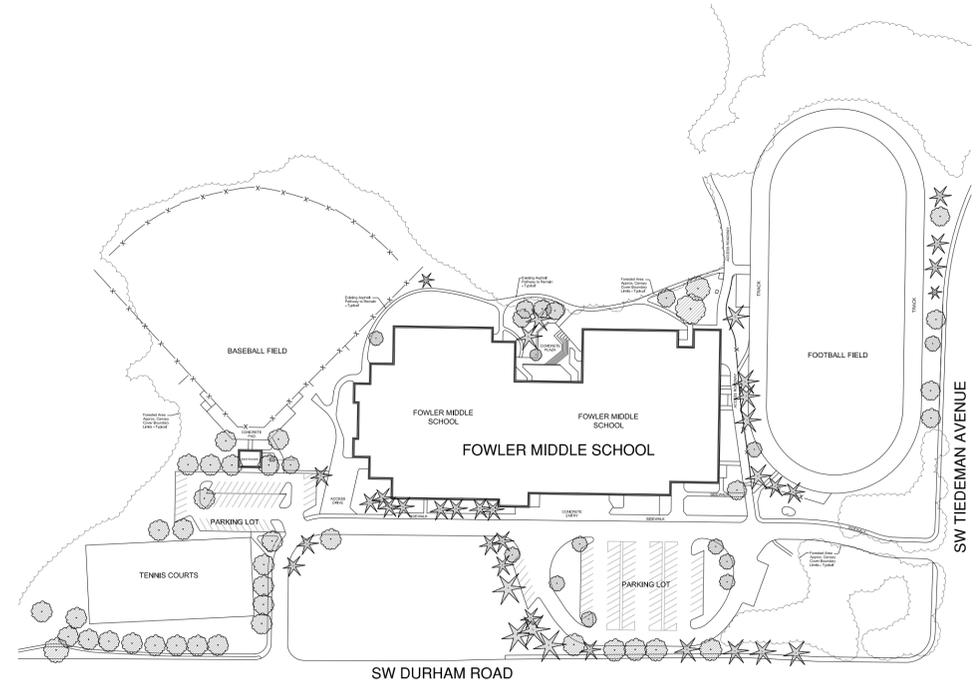
VICINITY MAP

N.T.S.



LOCATION MAP

N.T.S.



AREA OF WORK MAP

N.T.S.

PROJECT TEAM

OWNER'S REPRESENTATIVE

TODD PRAGER - CITY OF TIGARD
ASSOCIATE PLANNER/ARBORIST
13125 SW Hall Blvd.
TIGARD, OR 97223
(503) 718-2700

LANDSCAPE ARCHITECT

TROY MEARS, FLS
MEARS DESIGN GROUP, LLC
PO Box 23338
TIGARD, OR 97281
(503) 601-4516
(503) 924-4688 FAX

GENERAL NOTES

- ADVISE THE LANDSCAPE ARCHITECT OF ANY CONFLICTS OR DISCREPANCIES 2 (TWO) WORKING DAYS PRIOR TO STARTING WORK.
- STAGING AREAS ARE TO BE WITHIN THE DESIGNATED CONSTRUCTION LIMITS. IF THE CONTRACTOR REQUIRES ADDITIONAL AREA, THEY SHALL SUBMIT A WRITTEN REQUEST TO THE OWNER'S REPRESENTATIVE.
- VERIFY ALL SITE CONDITIONS BY SITE VISIT PRIOR TO BID SUBMISSION.
- ALL TRENCHES, PITS, HOLES, ETC. DUE TO CONSTRUCTION ARE REQUIRED TO BE COVERED AND/OR BARRICADE AT THE END OF EACH DAY DURING CONSTRUCTION.
- VERIFY LOCATION OF ALL UTILITIES PRIOR TO COMMENCEMENT OF WORK FOR PUBLIC PROPERTY LOCATES CONTACT TIGARD PUBLIC WORKS DEPARTMENT, (503) 718-2591 AND THE UTILITIES NOTIFICATION CENTER 1(800) 332-2344 NOT LESS THAN 48 HOURS PRIOR TO BEGINNING WORK. FOR SCHOOL PROPERTY LOCATES THE CONTRACTOR IS REQUIRED TO HAVE PRIVATE PROPERTY LOCATES COMPLETED FOR THE SITE.

DRAWING INDEX

SHEET TITLE	SHEET NUMBER
COVER SHEET	L0
PLANTING PLAN	L1
PLANTING PLAN	L2
IRRIGATION PLAN	L3
IRRIGATION PLAN	L4
DETAILS AND NOTES	L5



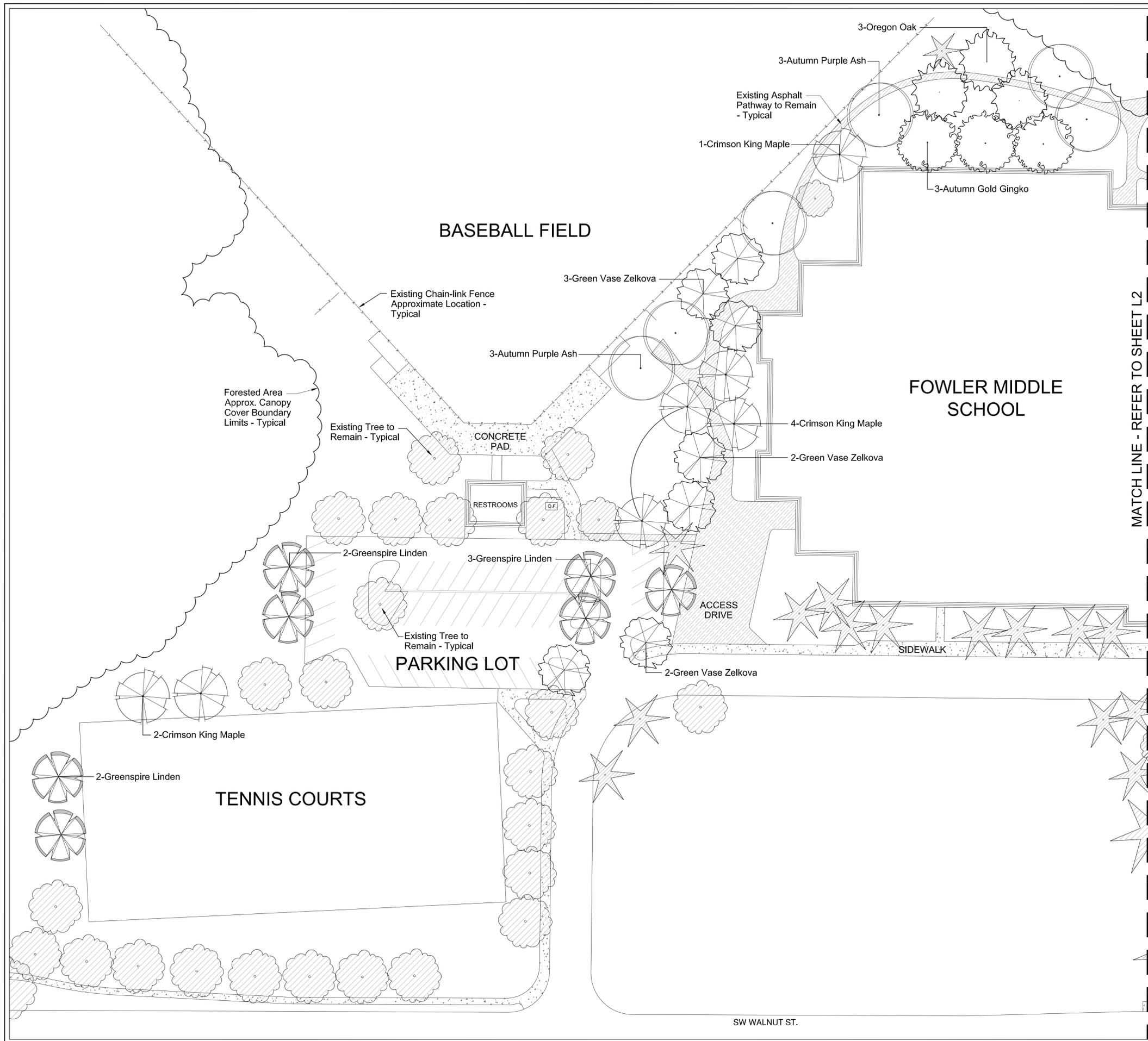
FOWLER MIDDLE SCHOOL
TREE PLANTING PROJECT
10865 SW WALNUT STREET
TIGARD, OREGON

REVISIONS		
REV.	DATE	DESCRIPTION

SHEET NAME:
COVER SHEET

DRAWN BY: TAM
CHECKED BY: TAM
ISSUE DATE: 3/6/12
JOB NO.: 1201-A

SHEET:
L0
OF 6



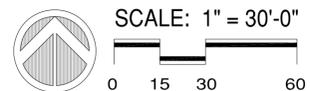
PLANT MATERIALS LISTING:

SYM	BOTANICAL NAME COMMON NAME	TREES	QTY.	SIZE	CONDITION	SPACING
	<i>Acer platanoides</i> 'Crimson King' Crimson King Maple		7	2" Cal.	B&B	30' min. (except in parking lot island)
	<i>Cornus alternifolia</i> Pagoda Dogwood		5	2" Cal.	B&B	20' min.
	<i>Cupressocyparis leylandii</i> 'Naylor's Blue' Naylor's Blue Cypress		3	6'-7'	B&B	15' min.
	<i>Fraxinus americana</i> 'Junginger' Autumn Purple Ash		9	2" Cal.	B&B	30' min.
	<i>Ginkgo biloba</i> 'Autumn Gold' Autumn Gold Ginkgo		3	2" Cal.	B&B	35' min.
	<i>Pinus nigra</i> Austrian Pine		2	6'-7'	B&B	30' min.
	<i>Pyrus calleryana</i> 'Aristocrat' Aristocrat Pear		10	2" Cal.	B&B	25' min.
	<i>Quercus garryana</i> Oregon Oak		6	2" Cal.	B&B	35' min.
	<i>Tilia cordata</i> 'Greenspire' Greenspire Linden		7	2" Cal.	B&B	30' min.
	<i>Zelkova serrata</i> 'Green Vase' Green Vase Zelkova		10	2" Cal.	B&B	30' min.
	Total Trees		64			

EXISTING TREES TO REMAIN UNLESS OTHERWISE NOTED

MATCH LINE - REFER TO SHEET L2

REFER TO SHEET L5 FOR
PLANTING DETAILS & NOTES



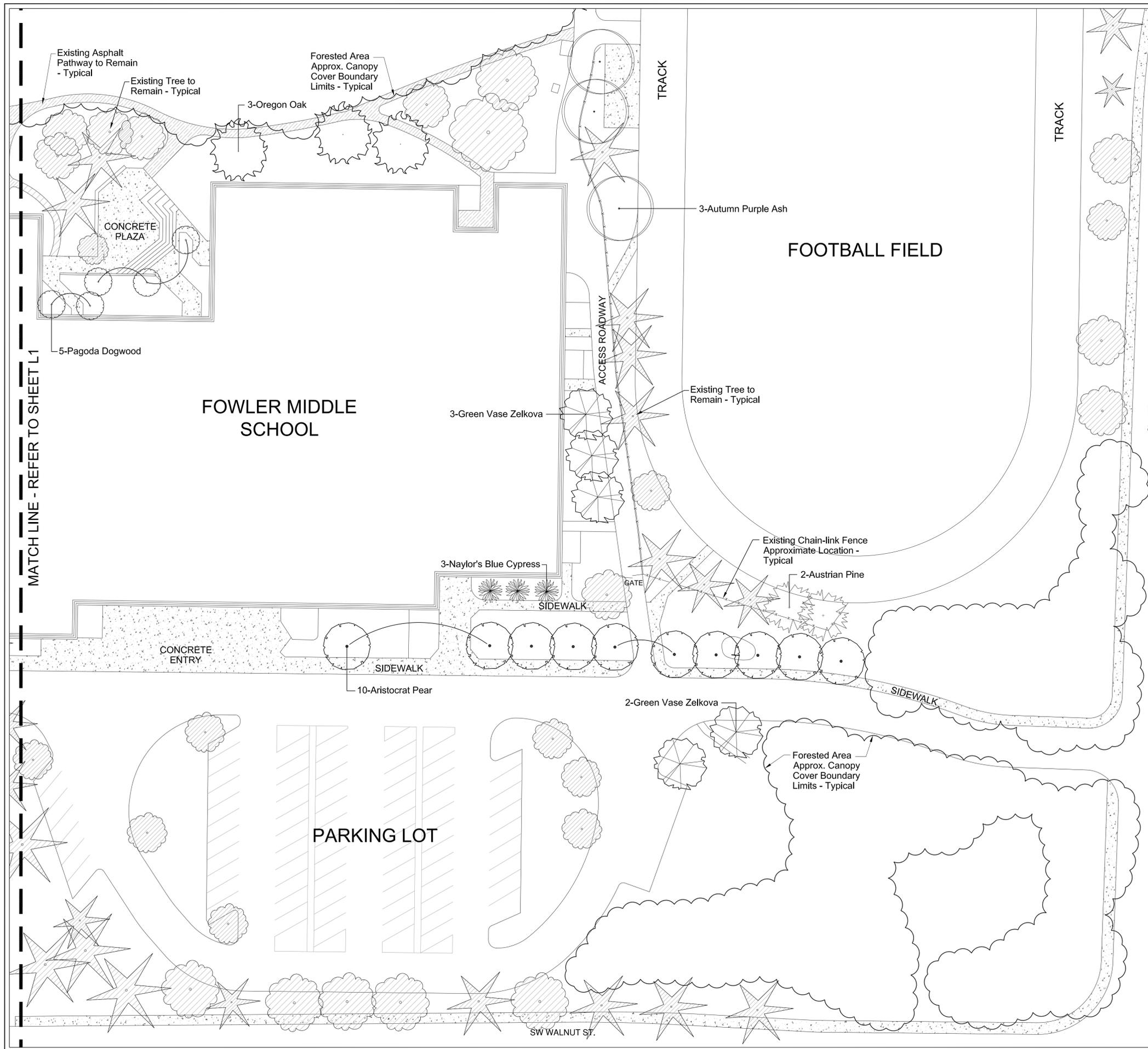
REVISIONS

REV.	DATE	DESCRIPTION

SHEET NAME:
PLANTING PLAN

DRAWN BY: TAM
CHECKED BY: TAM
ISSUE DATE: 3/6/12
JOB NO.: 1201-A

SHEET:
L1
OF 6



PLANT MATERIALS LISTING:

BOTANICAL NAME COMMON NAME		QTY.	SIZE	CONDITION	SPACING
SYM	TREES				
	Acer platanoides 'Crimson King' Crimson King Maple	7	2" Cal.	B&B	30' min. (except in parking lot island)
	Cornus alternifolia Pagoda Dogwood	5	2" Cal.	B&B	20' min.
	Cupressocyparis leylandii 'Naylor's Blue' Naylor's Blue Cypress	3	6'-7'	B&B	15' min.
	Fraxinus americana 'Junginger' Autumn Purple Ash	9	2" Cal.	B&B	30' min.
	Ginkgo biloba 'Autumn Gold' Autumn Gold Ginkgo	3	2" Cal.	B&B	35' min.
	Pinus nigra Austrian Pine	2	6'-7'	B&B	30' min.
	Pyrus calleryana 'Aristocrat' Aristocrat Pear	10	2" Cal.	B&B	25' min.
	Quercus garryana Oregon Oak	6	2" Cal.	B&B	35' min.
	Tilia cordata 'Greenspire' Greenspire Linden	7	2" Cal.	B&B	30' min.
	Zelkova serrata 'Green Vase' Green Vase Zelkova	10	2" Cal.	B&B	30' min.
Total Trees		64			
EXISTING TREES TO REMAIN UNLESS OTHERWISE NOTED					

REVISIONS

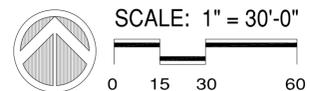
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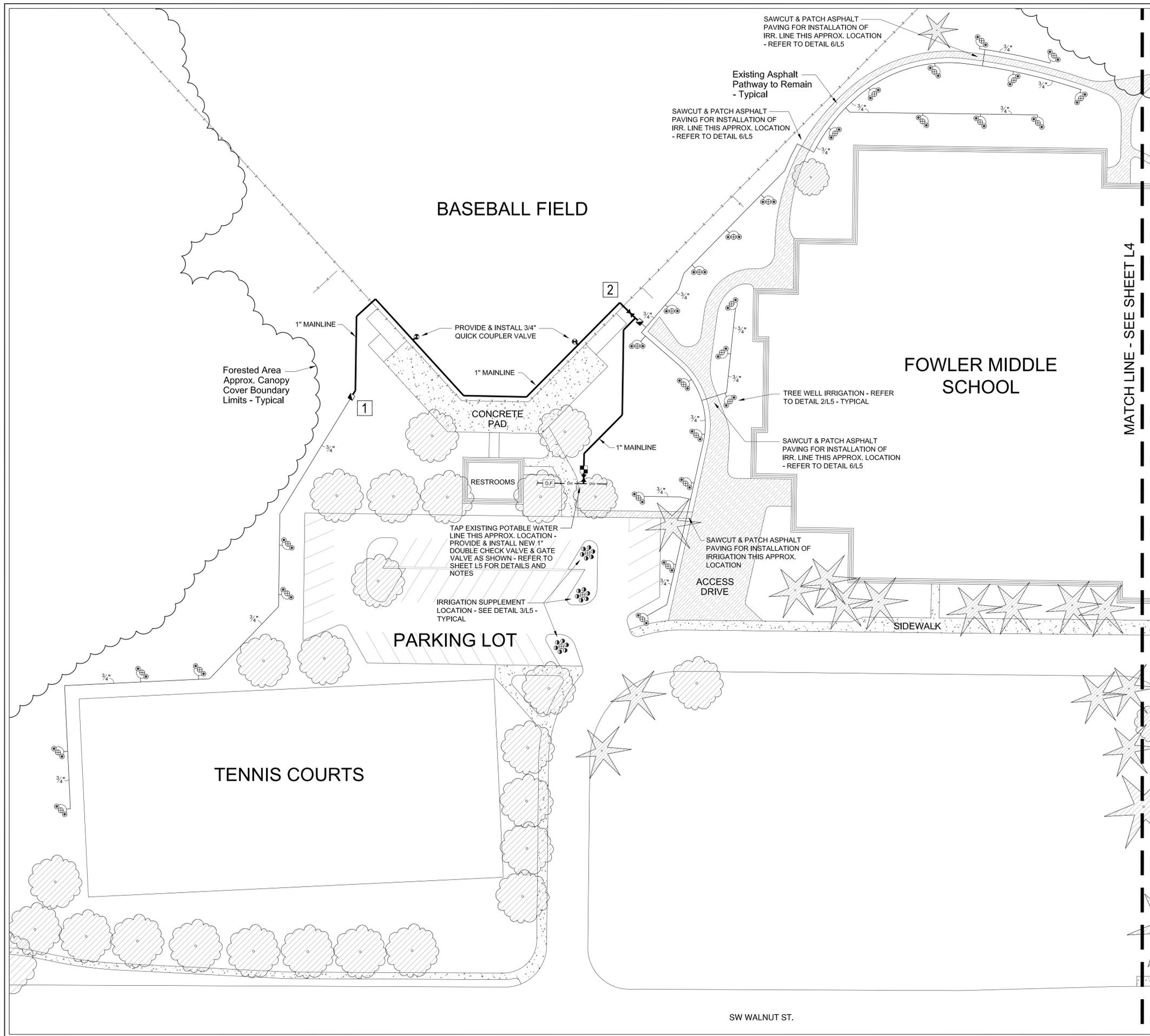
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ISSUE DATE: 3/6/12
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SHEET:
L2
OF 6

REFER TO SHEET L5 FOR
PLANTING DETAILS & NOTES





IRRIGATION SITE GENERAL KEY

SYM.	DESCRIPTION
2" S	CLASS 200 PVC SLEEVE - SIZE AS NOTED
2" M.L.	EXISTING CLASS 200 IRRIGATION MAINLINE - SIZE AS NOTED
1" M.L.	CLASS 200 IRRIGATION MAINLINE - SIZE AS NOTED
3/4"	CLASS 200 PVC LATERALS - SIZE AS NOTED
Valve Symbol	IRRIGATION ISOLATION VALVE - SAME SIZE AS MAINLINE
Quick Coupler Symbol	EXISTING 1" QUICK COUPLER VALVE - REFER TO DETAIL 7/L5
Manifold Symbol	RB XEZ-100-PRF DRIP MANIFOLD W/ TBOS CONTROL MODULE - REFER TO DETAIL 1/L5
Valve Symbol	EXISTING IRRIGATING VALVES AS NOTED
1	CONTROL VALVE NUMBER - REFER TO VALVE KEY
Tree Well Symbol	TREE WELL IRRIGATION - REFER TO DETAIL 2/L5
Tree Symbol	INDICATES TREE LOCATION - REFER TO SHEET L1
Supplement Tree Symbol	INDICATES IRRIGATION SUPPLEMENT TREE - SEE SHEET L1 FOR TREE LOCATION - REFER TO DETAIL 3/L5
Fence Symbol	EXISTING CHAIN-LINK FENCE APPROXIMATE LOCATION
Potable Line Symbol	EXISTING POTABLE LINE - SIZE AND TYPE UNKNOWN - APPROXIMATE LOCATION

VALVE KEY

CONTROL VALVE NO. (TR-TREES)	1	2	3	4					
G.P.M.	.8	3.4	1.5	2.4					
CONTROL VALVE SIZE	1.0	1.0	1.0	1.0					

DESIGN CRITERIA

THE DESIGN OF THE IRRIGATION SYSTEM IS BASED ON 30 P.S.I. @ 40 G.P.M.

- ### GENERAL NOTES
- LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ALL SLEEVING UNDER ALL HARD SURFACES.
 - INSTALL VALVE BOXES PERPENDICULAR TO WALLS, WALKS AND CURBS.
 - WHEN PLACING MORE THAN ONE PIPE IN A TRENCH, ALLOW A MIN. OF 6" BETWEEN PIPES.
 - ONE VALVE MAX. PER STANDARD VALVE BOX - TWO VALVES MAX. PER JUMBO VALVE BOX.
 - PLACE VALVES IN SHRUB BEDS WHERE POSSIBLE.
 - INSTALL HEADS FLUSH WITH TOP OF WALLS, WALKS AND CURBS.
 - ADJUST HEAD LOCATION AS REQUIRED TO AVOID TREES, SIGNS, LIGHT POLES AND OTHER FIXED OBJECTS.
 - SINGLE BARE TRACE WIRE REQUIRED ON TOP OF ALL MAINLINE.
 - TWO STEP GLUE REQUIRED ON ALL PVC MAINLINE THAT IS NOT GASKETED.
 - PLACE CONTROL WIRE 3 TO 6" AWAY FROM MAINLINE

REVISIONS

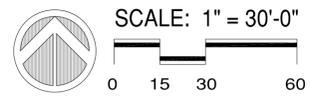
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DRAWN BY: TAM
 CHECKED BY: TAM
 ISSUE DATE: 3/6/12
 JOB NO.: 1201-A

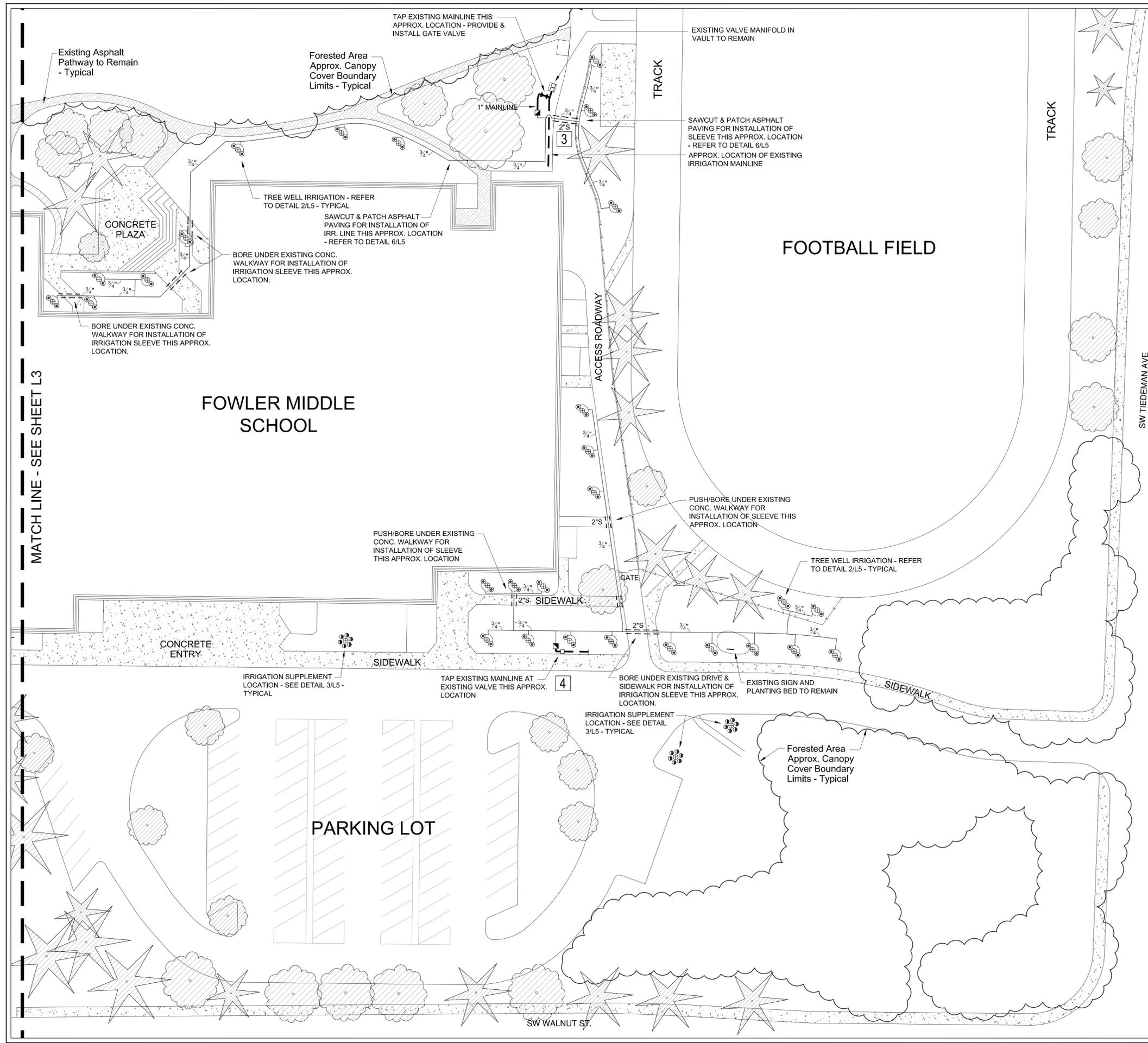
SHEET:
L3
 OF 6

REFER TO SHEET L5 FOR
 IRRIGATION DETAILS & NOTES



SW WALNUT ST.

MATCH LINE - SEE SHEET L4



IRRIGATION SITE GENERAL KEY

SYM.	DESCRIPTION
2" S	CLASS 200 PVC SLEEVE - SIZE AS NOTED
2" M.L.	EXISTING CLASS 200 IRRIGATION MAINLINE - SIZE AS NOTED
1" M.L.	CLASS 200 IRRIGATION MAINLINE - SIZE AS NOTED
3/4"	CLASS 200 PVC LATERALS - SIZE AS NOTED
[Valve Symbol]	IRRIGATION ISOLATION VALVE - SAME SIZE AS MAINLINE
[Valve Symbol]	EXISTING 1" QUICK COUPLING VALVE - REFER TO DETAIL 7/L5
[Manifold Symbol]	RB XCZ-100-PRF DRIP MANIFOLD W/ TBOS CONTROL MODULE - REFER TO DETAIL 1/L5
[Valve Symbol]	EXISTING IRRIGATING VALVES AS NOTED
[Valve Number 1]	CONTROL VALVE NUMBER - REFER TO VALVE KEY
[Tree Well Symbol]	TREE WELL IRRIGATION - REFER TO DETAIL 2/L5
[Tree Symbol]	INDICATES TREE LOCATION - REFER TO SHEET L1
[Tree Well with Star Symbol]	INDICATES IRRIGATION SUPPLEMENT TREE - SEE SHEET L1 FOR TREE LOCATION - REFER TO DETAIL 3/L5
[Fence Symbol]	EXISTING CHAIN-LINK FENCE APPROXIMATE LOCATION
[Potable Line Symbol]	EXISTING POTABLE LINE - SIZE AND TYPE UNKNOWN - APPROXIMATE LOCATION

VALVE KEY

CONTROL VALVE NO. (TR-TREES)	1	2	3	4					
G.P.M.	.8	3.4	1.5	2.4					
CONTROL VALVE SIZE	1.0	1.0	1.0	1.0					

DESIGN CRITERIA
 THE DESIGN OF THE IRRIGATION SYSTEM IS BASED ON 30 P.S.I. @ 40 G.P.M.

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REVISIONS

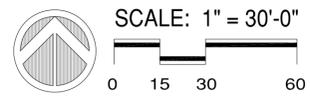
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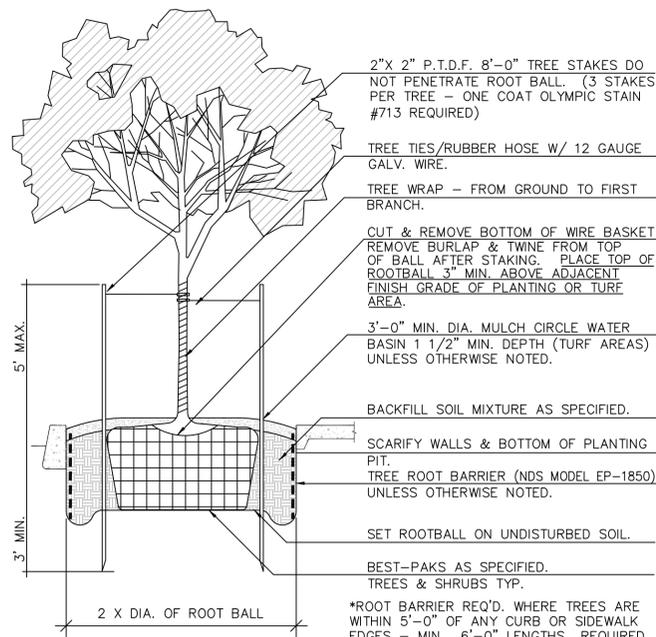
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 IRRIGATION PLAN

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SHEET:
L4
 OF 6

REFER TO SHEET L5 FOR
 IRRIGATION DETAILS & NOTES



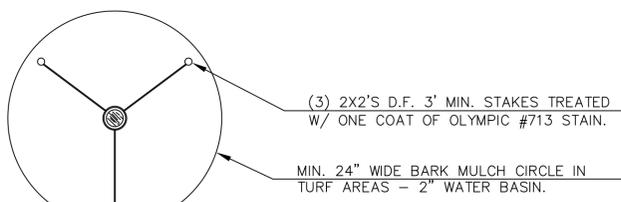


TREE PLANTING DETAIL

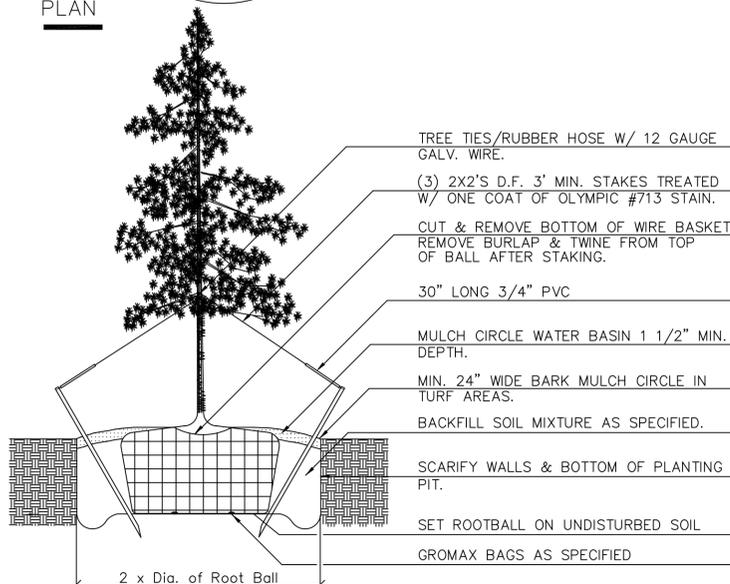
NOTES

- B&B STOCK MAY BE SUBSTITUTED WITH CONTAINER STOCK OF EQUAL GRADE.
- CONTAINER STOCK MAY BE SUBSTITUTED WITH B&B STOCK OF EQUAL GRADE.
- PLANT MATERIAL SHALL CONFORM WITH AMERICAN STANDARD FOR NURSERY STOCK, ANSI Z60.1, 2004 EDITION.
- ALL TREES SHALL BE BRANCHED.
- MULCH ALL PLANTING BEDS WITH 2" MIN. LAYER OF SPECIFIED MULCH.
- IN THE EVENT OF A DISCREPANCY BETWEEN THIS MATERIAL LISTING AND THE DRAWINGS, THE DRAWINGS SHALL GOVERN THE PLANT SPECIES AND QUANTITIES REQ.
- IN THE EVENT OF QUESTION OR LACK OF CLARITY ON DRAWINGS, LANDSCAPE CONTRACTOR IS TO CALL LANDSCAPE ARCHITECT BEFORE PROCEEDING.
- LANDSCAPE CONTRACTOR IS TO NOTIFY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION OF PLANT MATERIAL.
- LANDSCAPE CONTRACTOR TO VERIFY TREE QUANTITIES.

NTS

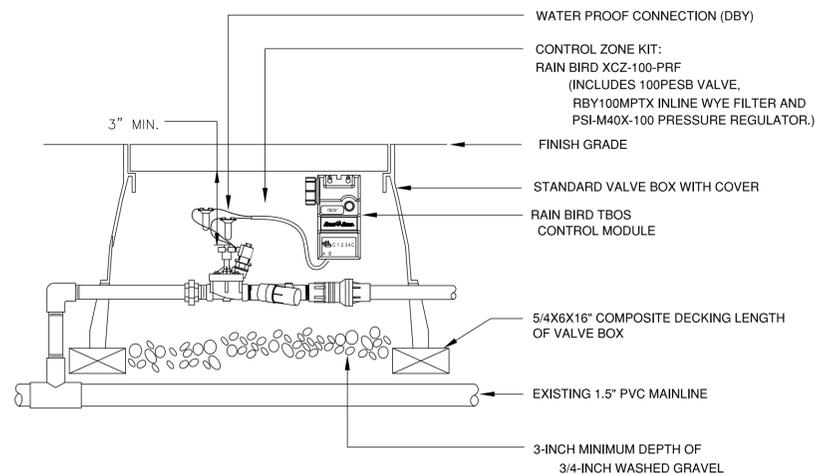


PLAN



CONIFER PLANTING DETAIL

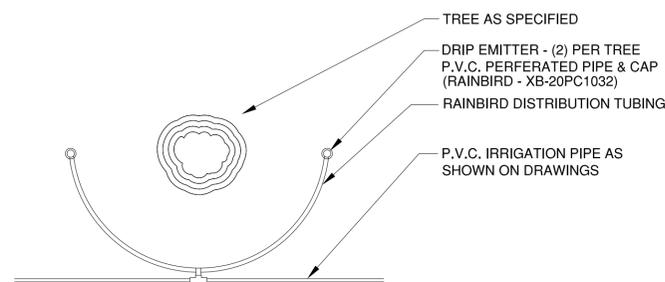
NTS



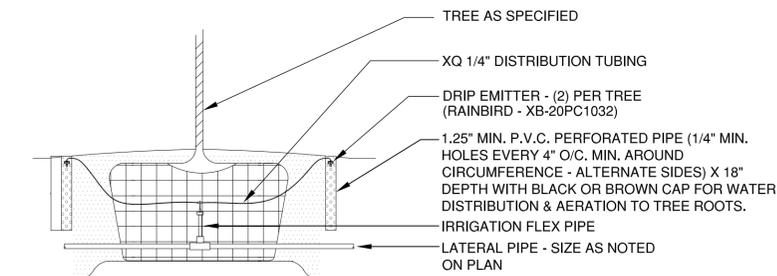
1 1" DRIP CONTROL VALVE MANIFOLD

L5 (XCZ-100-LF DRIP MANIFOLD KIT)

NTS



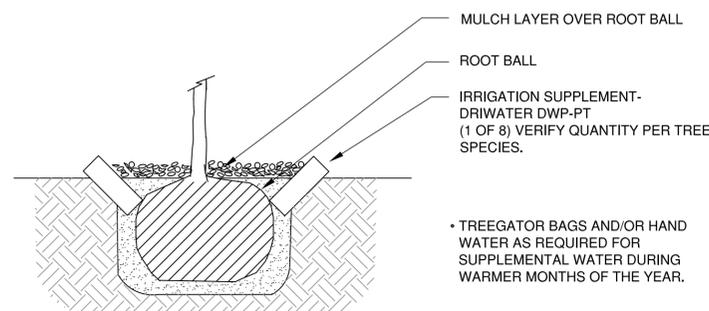
PLAN



2 TREE WELL IRRIGATION DETAIL

L5

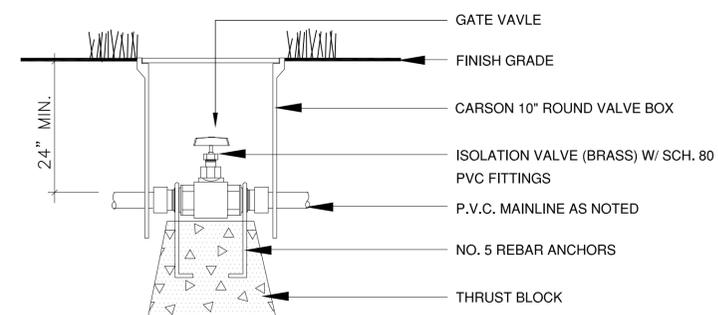
NTS



3 DRIWATER PLUS IRRIGATION SUPPLEMENT

L5 2" GEL PAC IN PVC TUBE WITH COVER/CAP

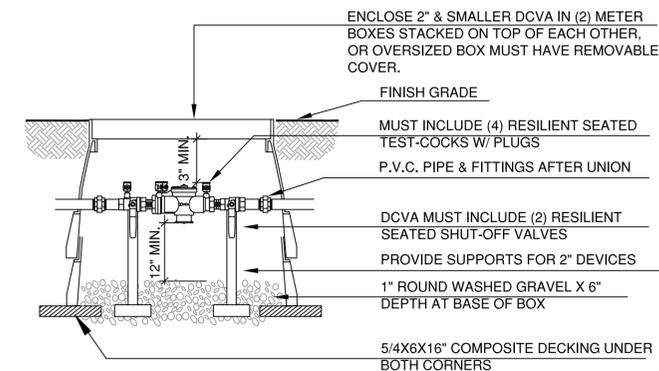
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4 ISOLATION / GATE VALVE DETAIL

L5 (MAINLINE GATE VALVE SIZE - 2" AND SMALLER)

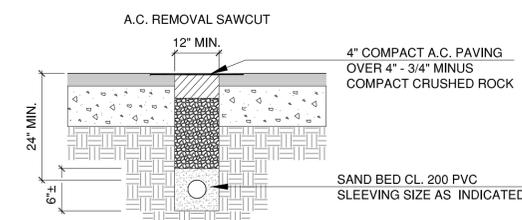
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5 DOUBLE CHECK BACKFLOW PREVENTER DETAIL

L5 INSTALL TO LOCAL CODE REQUIREMENTS

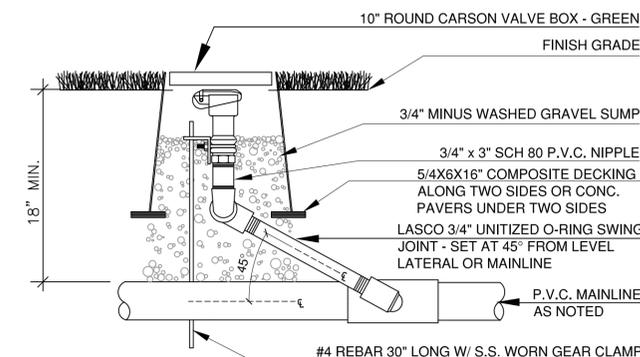
NTS



6 SAWCUT SLEEVING DETAIL

L5

NTS



7 QUICK-COUPLING VALVE DETAIL

L5

(3/4")

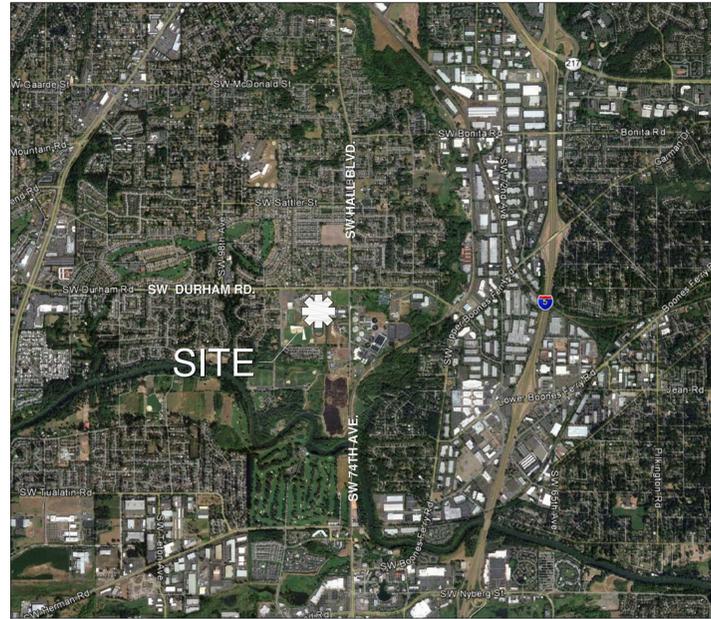
NTS

REVISIONS		
REV.	DATE	DESCRIPTION

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DETAILS & NOTES

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SHEET:
L5
 OF 6



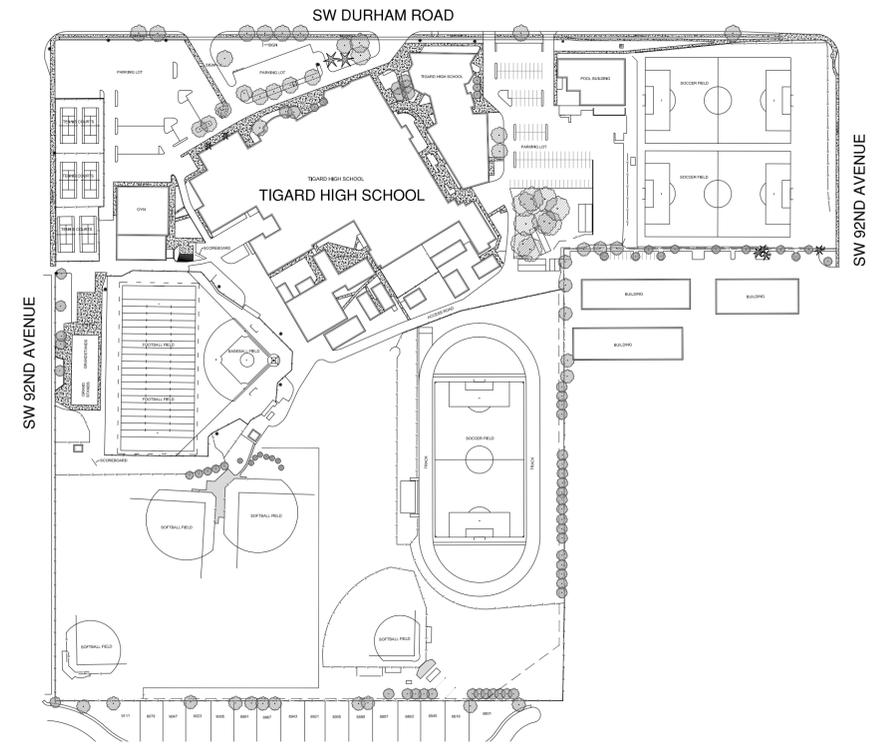
VICINITY MAP

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LOCATION MAP

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AREA OF WORK MAP

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OWNER'S REPRESENTATIVE

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LANDSCAPE ARCHITECT

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TIGARD, OR 97281
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GENERAL NOTES

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2. STAGING AREAS ARE TO BE WITHIN THE DESIGNATED CONSTRUCTION LIMITS. IF THE CONTRACTOR REQUIRES ADDITIONAL AREA, THEY SHALL SUBMIT A WRITTEN REQUEST TO THE OWNER'S REPRESENTATIVE.
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4. ALL TRENCHES, PITS, HOLES, ETC. DUE TO CONSTRUCTION ARE REQUIRED TO BE COVERED AND/OR BARRICADE AT THE END OF EACH DAY DURING CONSTRUCTION.
5. VERIFY LOCATION OF ALL UTILITIES PRIOR TO COMMENCEMENT OF WORK FOR PUBLIC PROPERTY LOCATES CONTACT TIGARD PUBLIC WORKS DEPARTMENT, (503) 718-2591 AND THE UTILITIES NOTIFICATION CENTER 1(800) 332-2344 NOT LESS THAN 48 HOURS PRIOR TO BEGINNING WORK. FOR SCHOOL PROPERTY LOCATES THE CONTRACTOR IS REQUIRED TO HAVE PRIVATE PROPERTY LOCATES COMPLETED FOR THE SITE.

DRAWING INDEX

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COVER SHEET	L0
PLANTING PLAN	L1
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PLANTING PLAN	L3
IRRIGATION PLAN	L4
IRRIGATION PLAN	L5
IRRIGATION PLAN	L6
DETAILS AND NOTES	L7



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PHONE: 503.601.4516 | FAX: 503.924.4688



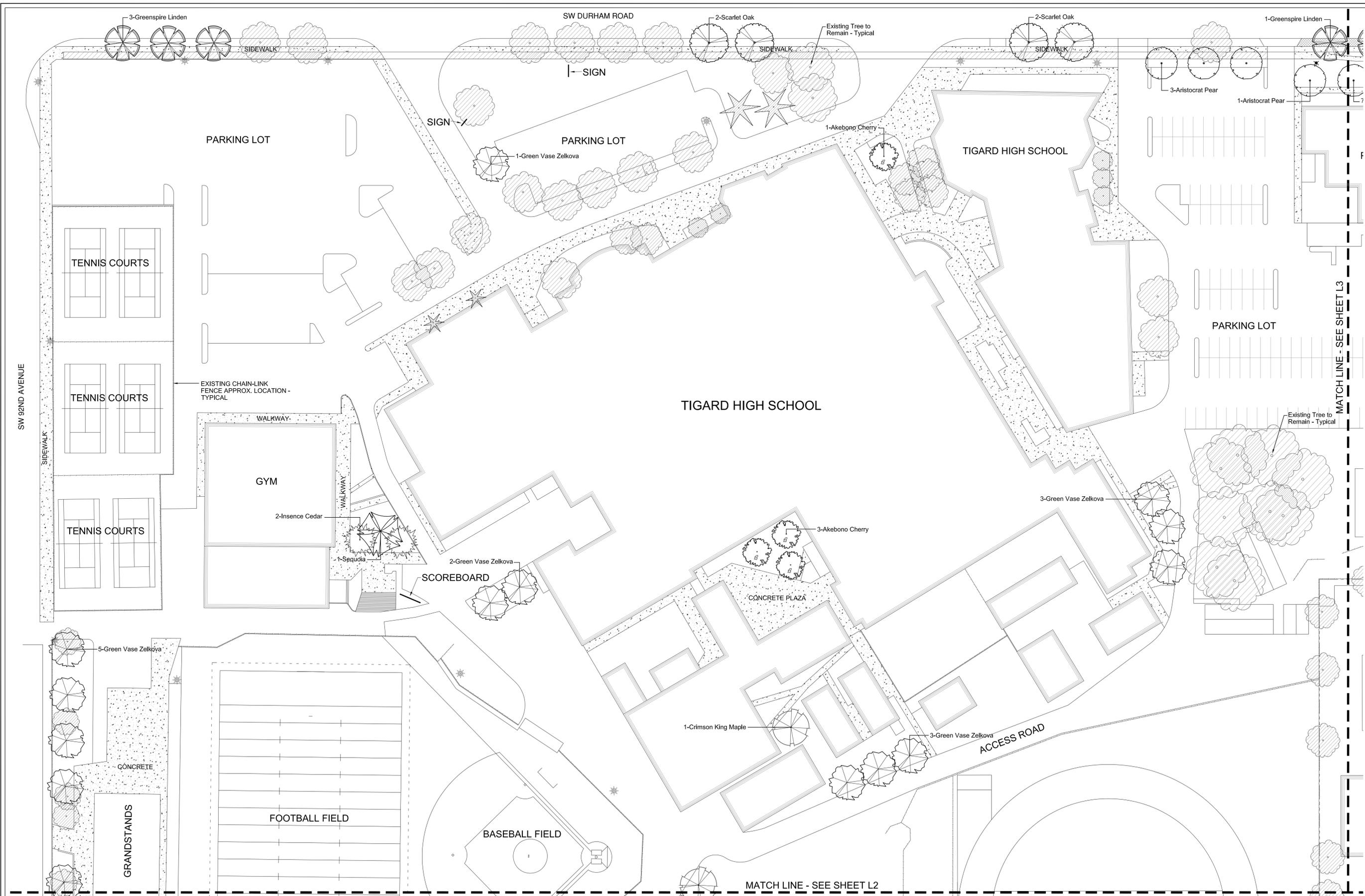
TIGARD HIGH SCHOOL
TREE PLANTING PROJECT
9000 SW DURHAM ROAD
TIGARD, OREGON

REVISIONS		
REV.	DATE	DESCRIPTION

SHEET NAME:
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DRAWN BY: TAM
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SHEET:
L0
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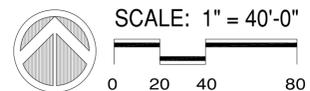
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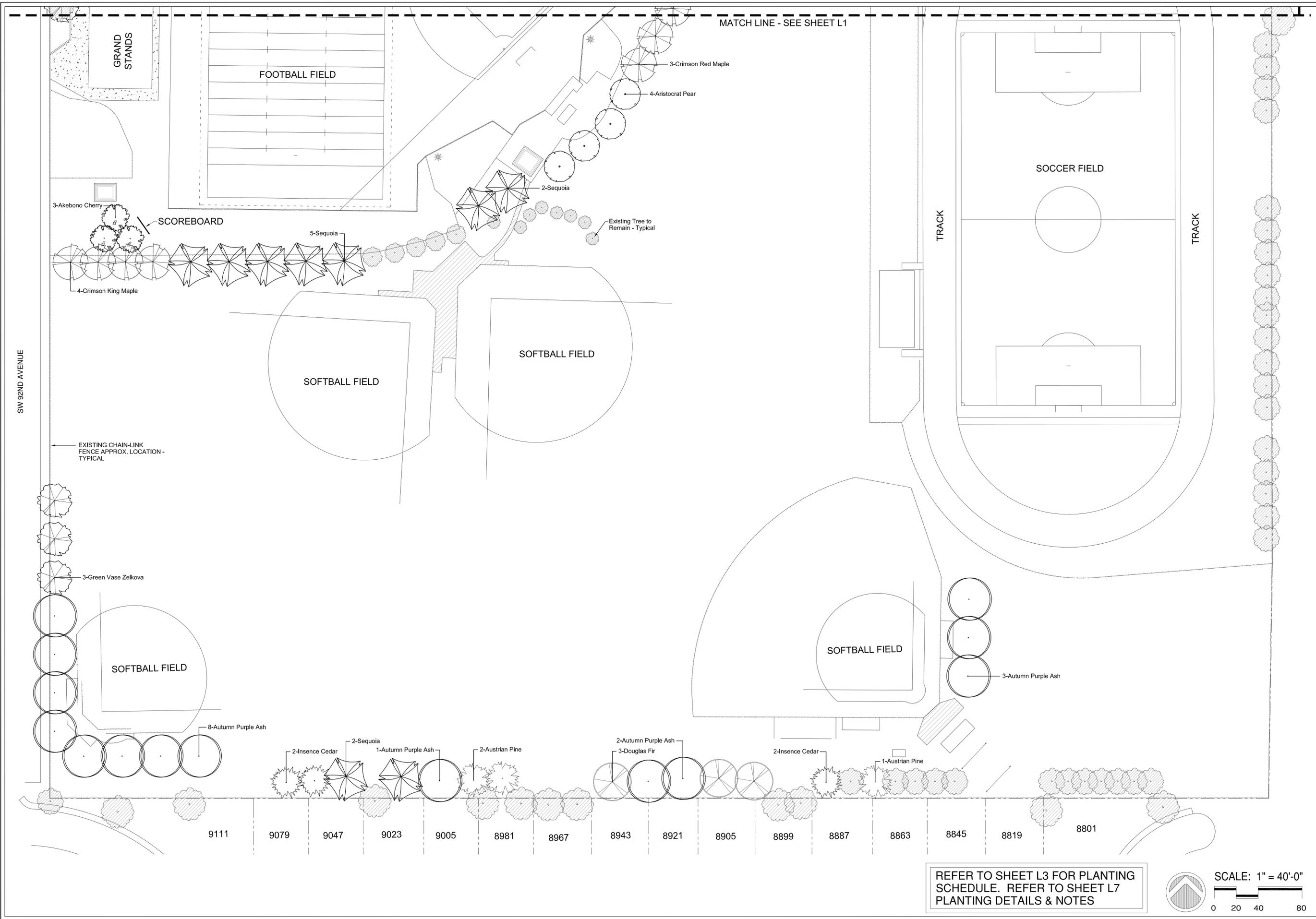
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PLANTING PLAN

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CHECKED BY: TAM
ISSUE DATE: 3/6/12
JOB NO.: 1206-B

SHEET:
L1
OF 8

REFER TO SHEET L3 FOR PLANTING SCHEDULE. REFER TO SHEET L7 PLANTING DETAILS & NOTES





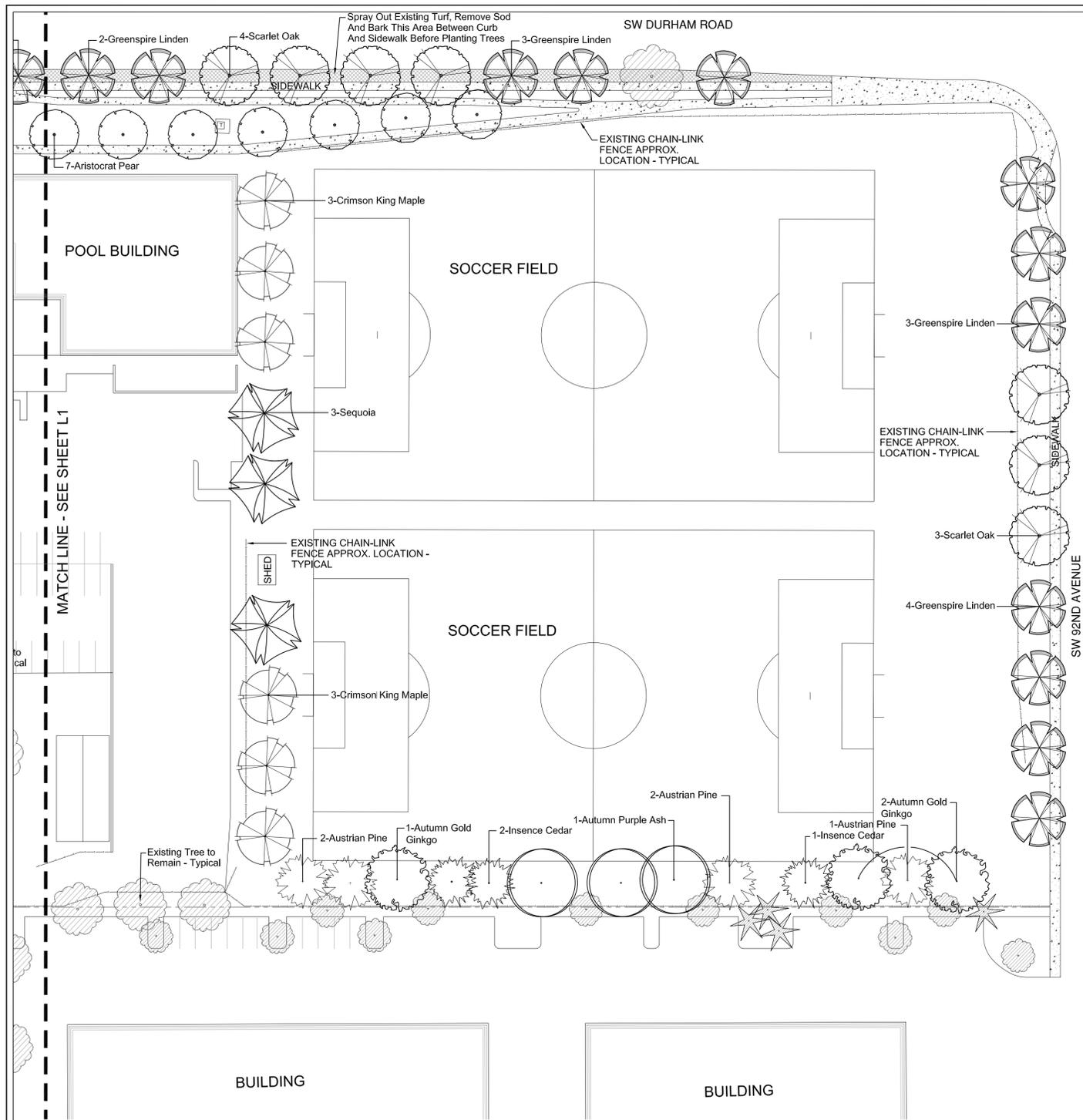
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REVISIONS		
REV.	DATE	DESCRIPTION

SHEET NAME:
PLANTING PLAN

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JOB NO.: 1206-B

SHEET:
L2
OF 8



PLANT MATERIALS LISTING:

BOTANICAL NAME COMMON NAME		QTY.	SIZE	CONDITION	SPACING
SYM	TREES				
	Acer platanoides 'Crimson King' Crimson King Maple	14	2" Cal.	B&B	30' min.
	Calocedrus decurrens Incense Cedar	8	6-7'	B&B	20' min.
	Fraxinus americana 'Junginger' Autumn Purple Ash	17	2" Cal.	B&B	30' min.
	Ginkgo biloba 'Autumn Gold' Autumn Gold Ginkgo	3	2" Cal.	B&B	35' min.
	Pinus nigra Austrian Pine	7	6-7'	B&B	30' min.
	Prunus x yedoensis 'Akebono' Akebono Cherry	7	2" Cal.	B&B	25' min.
	Pseudotsuga menziesii Douglas Fir	3	6-7'	B&B	30' min.
	Pyrus calleryana 'Aristocrat' Aristocrat Pear	15	2" Cal.	B&B	25' min.
	Quercus coccinea Scarlet Oak	11	2" Cal.	B&B	35' min.
	Sequoiadendron giganteum Sequoia	13	6-7'	B&B	30' min.
	Tilia cordata 'Greenspire' Greenspire Linden	16	2" Cal.	B&B	30' min.
	Zelkova serrata 'Green Vase' Green Vase Zelkova	17	2" Cal.	B&B	30' min.
Total Trees		129			
	EXISTING TREES TO REMAIN UNLESS OTHERWISE NOTED				
	DENOTES SECTION OF EXISTING TURF ALONG R-O-W TO BE SPRAYED OUT OF ALL TURF AND WEEDS, REMOVAL OF SOD AND PROVIDE/INSTALL 3" MIN. OF BARK TO MATCH EXISTING BARK ALONG DURHAM ROAD.				

MEARS
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PHONE: 503.601.4516 | FAX: 503.924.4688

REGISTERED
540
TROY A. MEARS
OREGON
LANDSCAPE ARCHITECT

TIGARD HIGH SCHOOL
TREE PLANTING PROJECT
9000 SW DURHAM ROAD
TIGARD, OREGON

REVISIONS

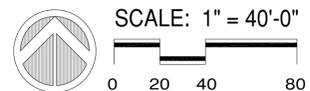
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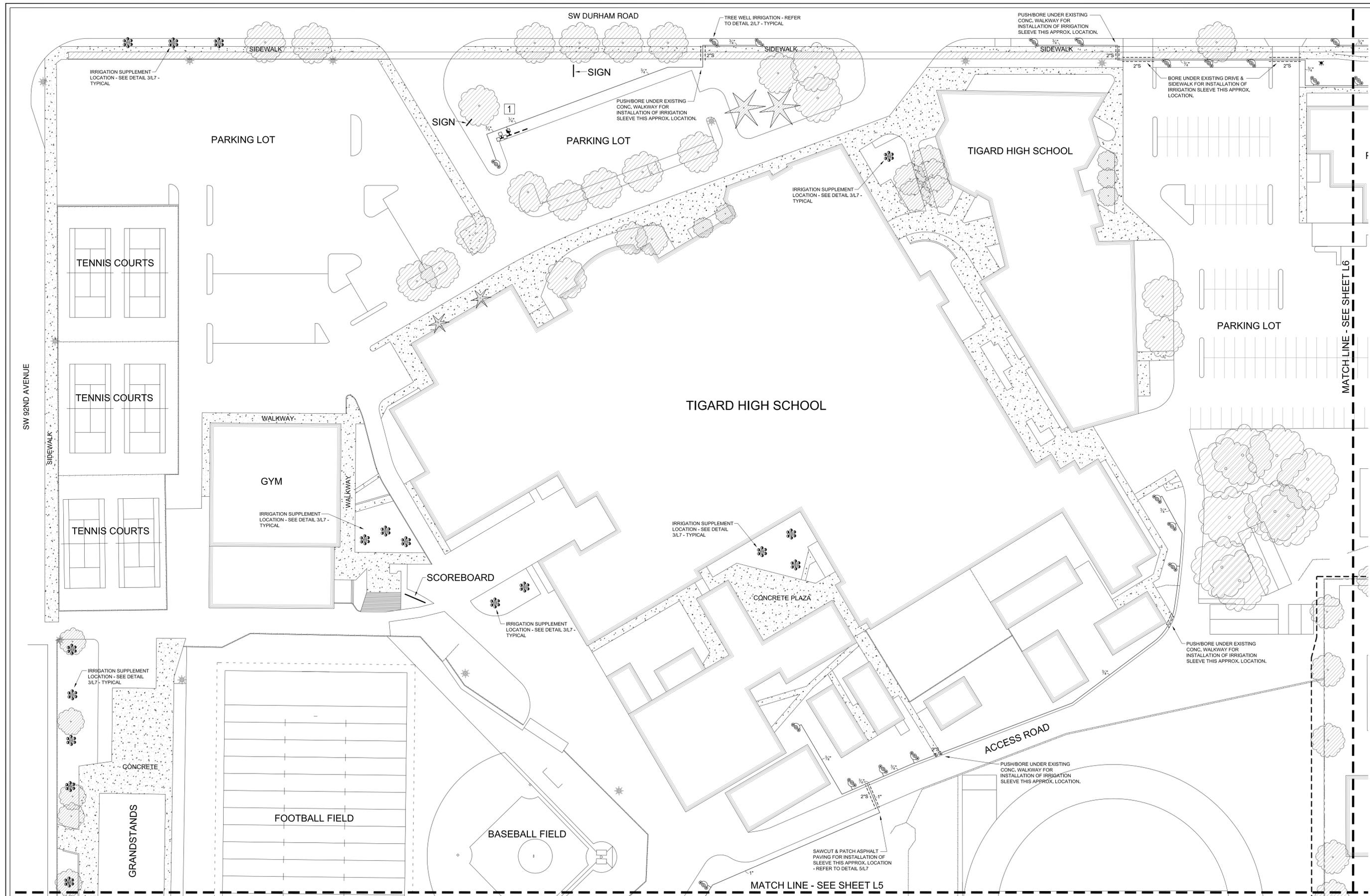
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PLANTING PLAN

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SHEET:
L3
OF 8

REFER TO SHEET L7 FOR
PLANTING DETAILS & NOTES





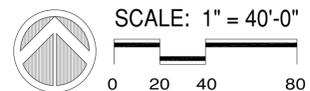
REVISIONS		
REV.	DATE	DESCRIPTION

SHEET NAME:
 IRRIGATION PLAN

DRAWN BY: TAM
 CHECKED BY: TAM
 ISSUE DATE: 3/6/12
 JOB NO.: 1206-B

SHEET:
L4
 OF 8

REFER TO SHEET L6 FOR IRRIGATION SITE
 GENERAL KEY. REFER TO SHEET L7
 IRRIGATION DETAILS & NOTES



SW 92ND AVENUE

SW DURHAM ROAD

ACCESS ROAD

MATCH LINE - SEE SHEET L6

MATCH LINE - SEE SHEET L5

PARKING LOT

PARKING LOT

TIGARD HIGH SCHOOL

PARKING LOT

TIGARD HIGH SCHOOL

TENNIS COURTS

TENNIS COURTS

TENNIS COURTS

GYM

SCOREBOARD

CONCRETE PLAZA

FOOTBALL FIELD

BASEBALL FIELD

GRANDSTANDS

IRRIGATION SUPPLEMENT
 LOCATION - SEE DETAIL 3/L7 -
 TYPICAL

PUSHBORE UNDER EXISTING
 CONC. WALKWAY FOR
 INSTALLATION OF IRRIGATION
 SLEEVE THIS APPROX. LOCATION.

PUSHBORE UNDER EXISTING
 CONC. WALKWAY FOR
 INSTALLATION OF IRRIGATION
 SLEEVE THIS APPROX. LOCATION.

BORE UNDER EXISTING DRIVE &
 SIDEWALK FOR INSTALLATION OF
 IRRIGATION SLEEVE THIS APPROX.
 LOCATION.

IRRIGATION SUPPLEMENT
 LOCATION - SEE DETAIL
 3/L7 - TYPICAL

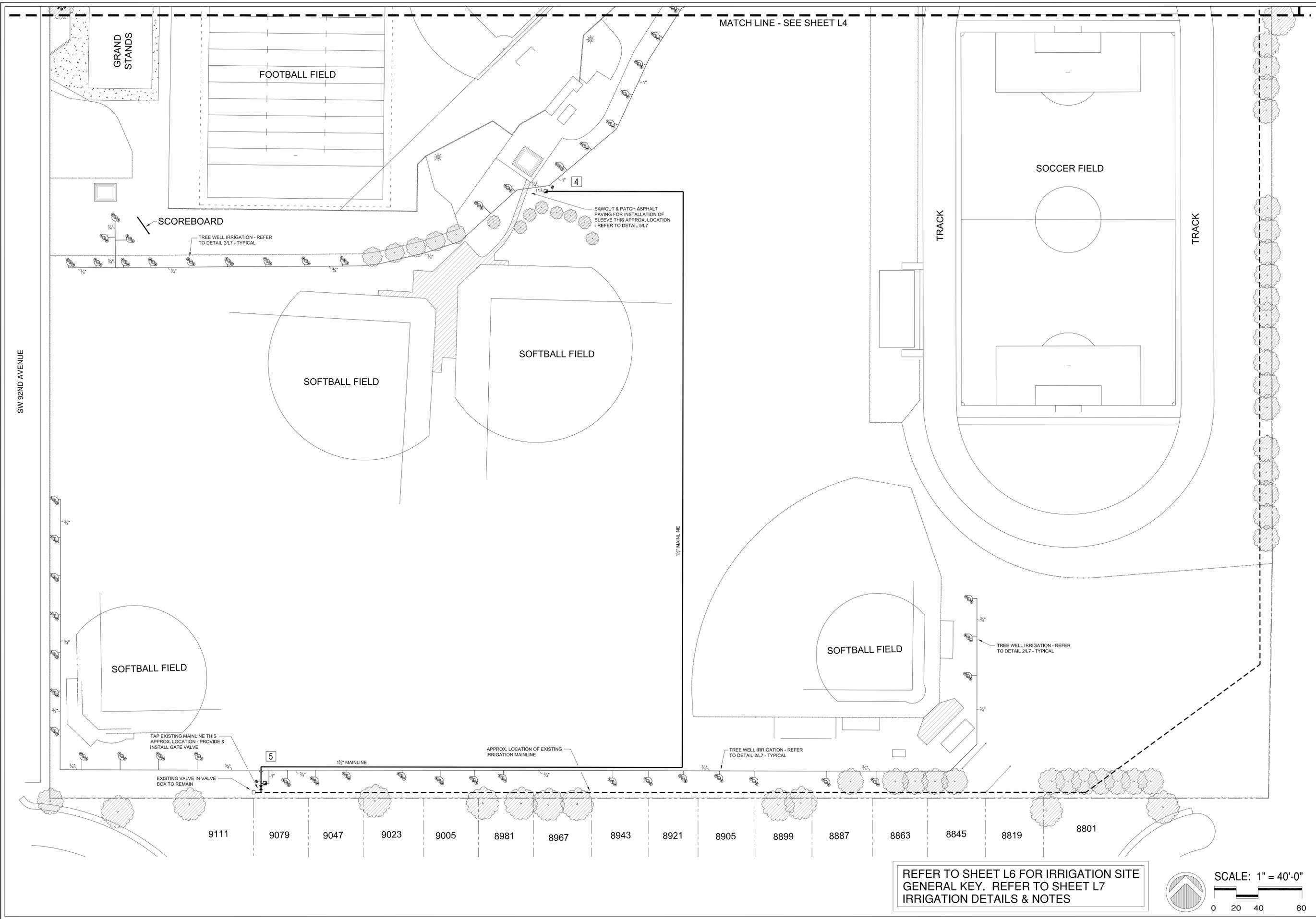
IRRIGATION SUPPLEMENT
 LOCATION - SEE DETAIL 3/L7 -
 TYPICAL

IRRIGATION SUPPLEMENT
 LOCATION - SEE DETAIL
 3/L7 - TYPICAL

PUSHBORE UNDER EXISTING
 CONC. WALKWAY FOR
 INSTALLATION OF IRRIGATION
 SLEEVE THIS APPROX. LOCATION.

SAWCUT & PATCH ASPHALT
 PAVING FOR INSTALLATION OF
 SLEEVE THIS APPROX. LOCATION
 - REFER TO DETAIL 5/L7

PUSHBORE UNDER EXISTING
 CONC. WALKWAY FOR
 INSTALLATION OF IRRIGATION
 SLEEVE THIS APPROX. LOCATION.



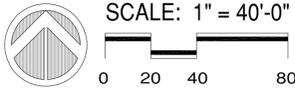
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REV.	DATE	DESCRIPTION

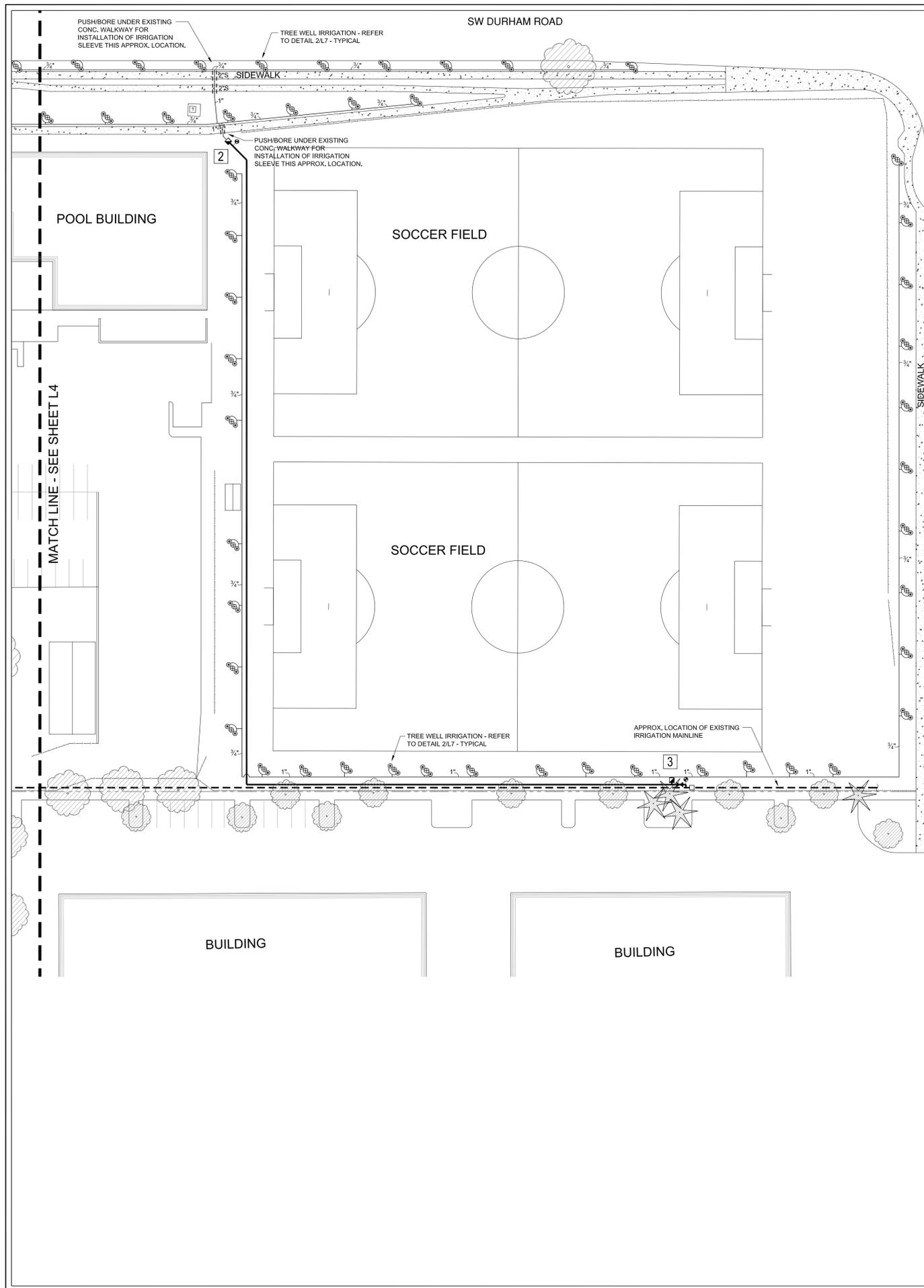
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L5
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REFER TO SHEET L6 FOR IRRIGATION SITE GENERAL KEY. REFER TO SHEET L7 IRRIGATION DETAILS & NOTES





IRRIGATION SITE GENERAL KEY

SYM.	DESCRIPTION
---2"---	CLASS 200 PVC SLEEVE - SIZE AS NOTED
---2" M.L.---	EXISTING CLASS 200 IRRIGATION MAINLINE - SIZE AS NOTED
---1" M.L.---	CLASS 200 IRRIGATION MAINLINE - SIZE AS NOTED
---3/4"---	CLASS 200 PVC LATERALS - SIZE AS NOTED
⊗	IRRIGATION ISOLATION VALVE - SAME SIZE AS MAINLINE
⊙	EXISTING 1" QUICK COUPLING VALVE - REFER TO DETAIL 6/L7
■	RB XCZ-100-PRF DRIP MANIFOLD W/ TBOS CONTROL MODULE - REFER TO DETAIL 1/L7
□	EXISTING IRRIGATING VALVES AS NOTED
1	CONTROL VALVE NUMBER - REFER TO VALVE KEY
⊙	TREE WELL IRRIGATION - REFER TO DETAIL 2/L7
⊕	INDICATES TREE LOCATION - REFER TO SHEET L1
⊙	INDICATES IRRIGATION SUPPLEMENT TREE - SEE SHEET L1 FOR TREE LOCATION - REFER TO DETAIL 3/L7
-x-x-	EXISTING CHAIN-LINK FENCE APPROXIMATE LOCATION

VALVE KEY

CONTROL VALVE NO. (TR=TREES)	1	2	3	4	5					
G.P.M.	.20	1.6	2.3	2.0	2.0					
CONTROL VALVE SIZE	1.0	1.0	1.0	1.0	1.0					

DESIGN CRITERIA

THE DESIGN OF THE IRRIGATION SYSTEM IS BASED ON 30 P.S.I. @ 40 G.P.M.

GENERAL NOTES

- LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ALL SLEEVING UNDER ALL HARD SURFACES.
- INSTALL VALVE BOXES PERPENDICULAR TO WALLS, WALKS AND CURBS.
- WHEN PLACING MORE THAN ONE PIPE IN A TRENCH, ALLOW A MIN. OF 6" BETWEEN PIPES.
- ONE VALVE MAX. PER STANDARD VALVE BOX - TWO VALVES MAX. PER JUMBO VALVE BOX.
- PLACE VALVES IN SHRUB BEDS WHERE POSSIBLE.
- INSTALL HEADS FLUSH WITH TOP OF WALLS, WALKS AND CURBS.
- ADJUST HEAD LOCATION AS REQUIRED TO AVOID TREES, SIGNS, LIGHT POLES AND OTHER FIXED OBJECTS.
- SINGLE BARE TRACE WIRE REQUIRED ON TOP OF ALL MAINLINE.
- TWO STEP GLUE REQUIRED ON ALL PVC MAINLINE THAT IS NOT GASKETED.
- PLACE CONTROL WIRE 3 TO 6" AWAY FROM MAINLINE

MEARS DESIGN GROUP
 LANDSCAPE ARCHITECTURE & PLANNING
 PO Box 23338 | TIGARD, OREGON | 97281
 PHONE: 503.601.4516 | FAX: 503.924.4688

REGISTERED 540
 TROY A. MEARS
 OREGON
 LANDSCAPE ARCHITECT

TIGARD HIGH SCHOOL
 TREE PLANTING PROJECT
 9000 SW DURHAM ROAD
 TIGARD, OREGON

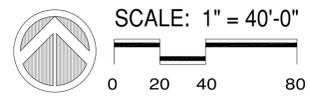
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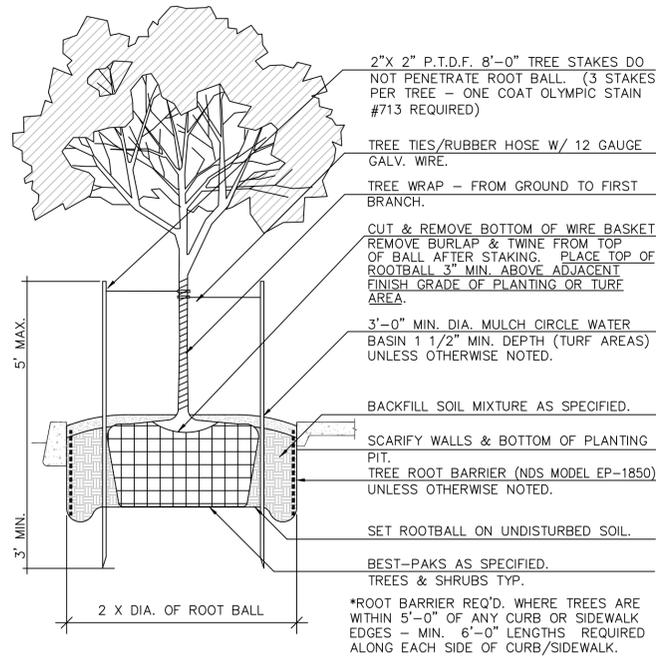
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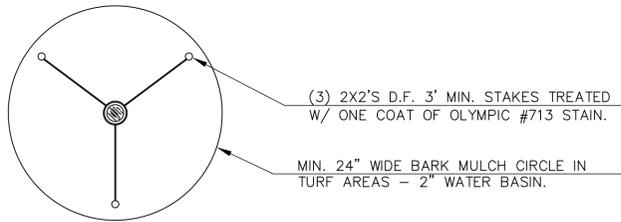


TREE PLANTING DETAIL

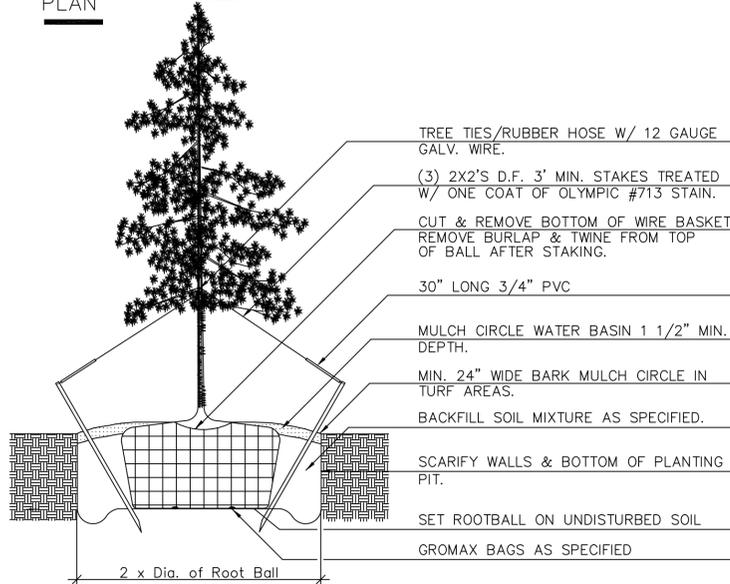
NOTES

1. B&B STOCK MAY BE SUBSTITUTED WITH CONTAINER STOCK OF EQUAL GRADE.
2. CONTAINER STOCK MAY BE SUBSTITUTED WITH B&B STOCK OF EQUAL GRADE.
3. PLANT MATERIAL SHALL CONFORM WITH AMERICAN STANDARD FOR NURSERY STOCK, ANSI Z60.1, 2004 EDITION.
4. ALL TREES SHALL BE BRANCHED.
5. MULCH ALL PLANTING BEDS WITH 2" MIN. LAYER OF SPECIFIED MULCH.
6. IN THE EVENT OF A DISCREPANCY BETWEEN THIS MATERIAL LISTING AND THE DRAWINGS, THE DRAWINGS SHALL GOVERN THE PLANT SPECIES AND QUANTITIES REQ.
7. IN THE EVENT OF QUESTION OR LACK OF CLARITY ON DRAWINGS, LANDSCAPE CONTRACTOR IS TO CALL LANDSCAPE ARCHITECT BEFORE PROCEEDING.
8. LANDSCAPE CONTRACTOR IS TO NOTIFY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION OF PLANT MATERIAL.
9. LANDSCAPE CONTRACTOR TO VERIFY TREE QUANTITIES.

NTS

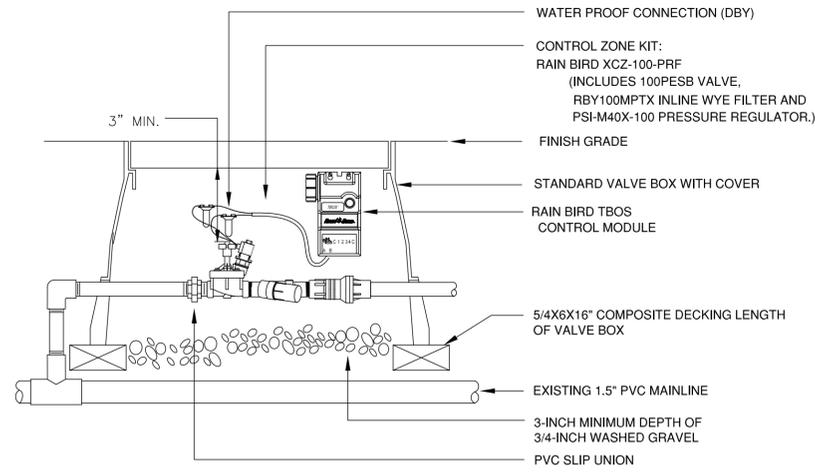


PLAN

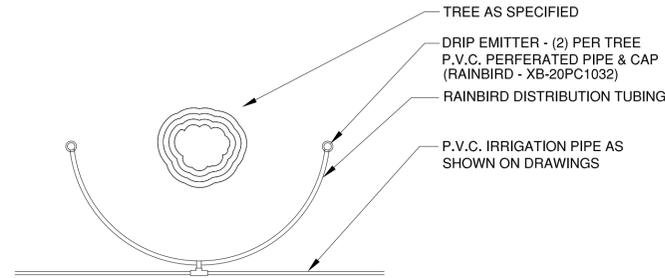


CONIFER PLANTING DETAIL

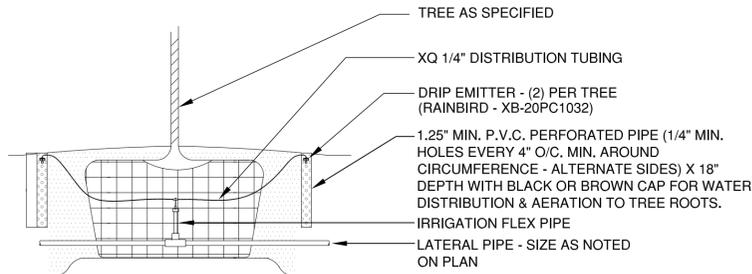
NTS



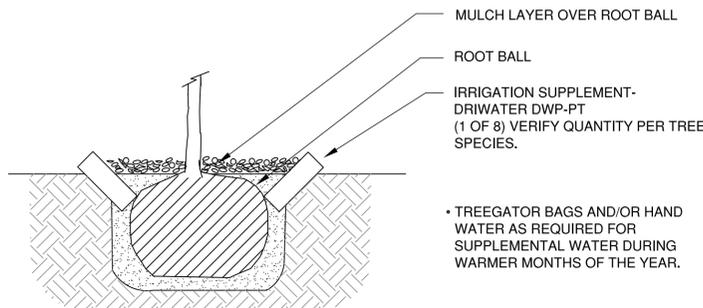
1 1" DRIP CONTROL VALVE MANIFOLD (XCZ-100-LF DRIP MANIFOLD KIT) NTS



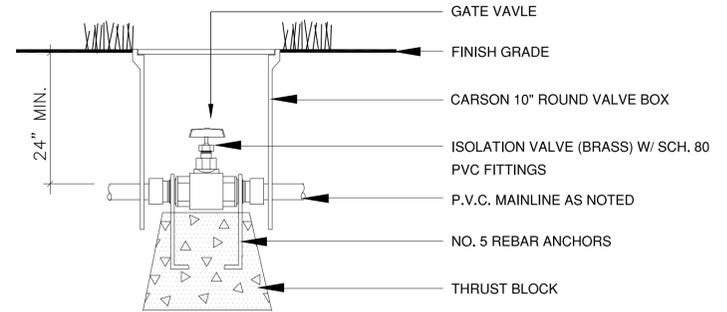
PLAN



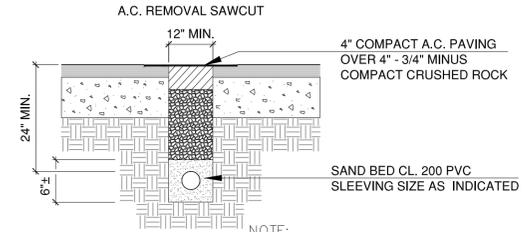
2 TREE WELL IRRIGATION DETAIL NTS



3 DRIEWATER PLUS IRRIGATION SUPPLEMENT 2" GEL PAC IN PVC TUBE WITH COVER/CAP NTS

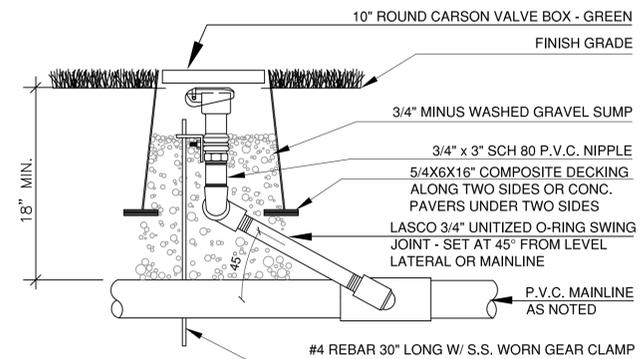


4 ISOLATION / GATE VALVE DETAIL (MAINLINE GATE VALVE SIZE - 2" AND SMALLER) NTS



NOTE: LANDSCAPE CONTRACTOR RESPONSIBLE FOR ALL A.C. REMOVAL, SLEEVING, BACKFILL, & PAVING AS REQUIRED.

5 SAWCUT SLEEVING DETAIL NTS



6 QUICK-COUPLING VALVE DETAIL (3/4") NTS

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