#### OPERATING AGREEMENT OF NORTHSTAR COMMUNITIES LLC An Oregon Limited Liability Company

This Operating Agreement (this "Agreement") is made and entered into effective June \_\_\_\_\_, 2017 (the "Effective Date"), by and among Eric Lee Meurer, as Trustee of the Eric Lee Meurer Revocable Living Trust dated July 5, 2012, and Karl Ivanov (the "Members").

#### SECTION 1. THE LIMITED LIABILITY COMPANY

1.1 **Formation**. As of the Effective Date, the Members formed an Oregon limited liability company under the name NORTHSTAR COMMUNITIES LLC, on the terms and conditions set forth in this Agreement and pursuant to the Oregon Limited Liability Company Act (the "LLC Act"). On May 5, 2017, the Members filed Articles of Organization for the Company with the Corporation Division of the Oregon Secretary of State's office. The rights and obligations of the parties are as provided in the LLC Act except as otherwise expressly provided in this Agreement.

1.2 **Name.** The business of the Company will be conducted under the name NORTHSTAR COMMUNITIES LLC.

1.3 **Purpose**. The purpose of the Company is to purchase property in Salem, Oregon and to develop it and construct improvements on it for residential and related purposes, along with any other related purposes allowed under Oregon law.

1.4 **Office**. The Company maintains its principal business office in Oregon at 9550 SE Clackamas Rd, Clackamas, OR 97015.

1.5 **Registered Agent**. Karl Ivanov will be the Company's initial registered agent in Oregon and the registered office will be at 9550 SE Clackamas Rd, Clackamas, OR 97015.

1.6 **Term**. The term of the Company commenced on the Effective Date and will continue until terminated as provided in this Agreement.

# SECTION 2. CLASSES OF INTEREST-MEMBERS CAPITALIZATION-CAPITAL ACCOUNTS

2.1 **Classes of Interests**. Membership of the Company shall consist of membership interests, established as a percentage of the initial total capital contributed upon the formation of the Company by each member as provided below in Section 2.2. Each member shall have the rights and privileges set out herein.

2.2 **Members Names and Interests**. The names and addresses of the initial Members of the LLC, their initial capital contributions, and their initial percentage interests are:

Name	Address	Contribution	<b>Percentage Interest</b>
Eric Lee Meurer, as	517 Lakefair Place N.	\$ 2,000,000,00	20%
Trustee of the Eric	Keizer, OR 97303	~,	
Lee Meurer			
Revocable Living			
Trust dated July 5,			
2012			
Karl Ivanov	9550 SE Clackamas Rd,	\$3,000,000,00	80%
	Clackamas, OR 97015		

2.3 **Other Business Of Members**. Any Member may engage independently, or with others, in other business and investment ventures of every nature and description and shall have no obligation to account to the Company for such business or investments or for business or investment opportunities.

2.4 Additional Members. Additional Members shall not be admitted except upon the unanimous vote of all Members. Regardless of the foregoing, a person shall not become an additional Member unless and until such person becomes a party to this Operating Agreement as a Member by signing an Admission Agreement, and execute such documents and instruments as the Members may reasonably request as being necessary or appropriate to confirm such person as Member in the Company, and to evidence such person's agreement to be bound by the terms and conditions hereof.

No additional Members shall be entitled to any retroactive allocation of losses, income or expense deductions incurred by the Company. The Members may at the time an additional Member is admitted close the Company books (as though the Company's tax year had ended) or make pro rata allocations of loss, income and expense deductions to additional Member for that portion of the Company's tax year in which such Member was admitted in accordance with such provisions of Section 706(d) of the Code and the Regulations promulgated thereunder.

2.5 Additional Capital Contributions. Additional capital contributions shall be accepted from existing Members only if the Members unanimously approve after a call for a vote on additional capital contributions by any Member. If the Members do so, the Members shall be required to make such additional capital contributions on a pro rata basis in accordance with their ownership interest. However, upon approval of all Members, the Members may decide to make any future capital contributions on a basis other than pro-rata in accordance with the initial percentages of ownership, in which case the ownership percentages shall change in proportion to total contributed capital.

2.6 **No Interest on Capital Contributions**. No interest shall be paid on capital contributions.

2.7 **Capital Accounts**. An individual capital account will be maintained for each Member. Each Member's capital account shall be (i) credited with all capital contributions by such Member and the Member's distributive share of all income and gain (including any income exempt from Federal income tax); and (ii) charged with the amount of all distributions of such Member and the Member's distributive share of losses and deductions. Capital accounts shall be maintained in accordance with Federal Income tax accounting principles, as set forth in Treasury Regulation Section 1.704-1(b)(2)(4) or any successor provision.

## SECTION 3. ALLOCATION OF PROFITS AND LOSSES; DISTRIBUTIONS

3.1 Allocations of Income and Loss. All items of income, gain, loss, deduction, and credit will be allocated among the Members pro rata in proportion to their respective percentage interests.

3.2 **Distributions**. No distribution may be made to any Member if, after giving effect to the distribution, in the judgment of the Members either (a) the Company would not be able to pay its debts as they become due in the ordinary course of business or (b) the fair value of the total assets of the Company would not at least equal its total liabilities. Subject to the foregoing limitation, the Company will make distributions, including draws, to Members at such times and in such amounts as the Members mutually agree. All distributions will be allocated among the Members pro rata in proportion to their respective percentage interests.

## SECTION 4. MANAGEMENT OF COMPANY; POWERS AND DUTIES OF MEMBERS

4.1 **Management of Company Business**. The Company is a member-managed limited liability company. The management and control of the Company and its business and affairs are vested exclusively in the Members. The Company does not have "managers," as that term is used in the LLC Act. The Members, or either of them individually, have all the rights and powers that may be possessed by a member in a member-managed limited liability company pursuant to the LLC Act and those rights and powers that are otherwise conferred by law or are necessary, advisable, or convenient to the discharge of the Members' duties under this Agreement and to the management of the Business and affairs of the Company. Without limiting the generality of the foregoing, and subject to the limitations set forth in Section 4.2 of this Agreement, the Members, or either of them individually, have the following rights and powers (which they may exercise at the cost, expense, and risk of the Company):

(a) To expend the funds of the Company in furtherance of the Company's business;

(b) To perform all acts necessary to manage and operate the Business, including engaging such persons as the Members deem advisable to manage the Business;

(c) To execute, deliver, and perform on behalf of and in the name of the Company any and all agreements and documents deemed necessary or desirable by the Members to carry out the Business, including any lease, deed, easement, bill of sale, mortgage, trust deed, security agreement, contract of sale, or other document conveying, leasing, or granting a security interest in the interest of the Company in any of its assets, or any part thereof, whether held in the Company's name, the name of a Member, or otherwise. No other signature or signatures are required; and

Operating Agreement – NORTHSTAR COMMUNITIES LLC

(d) To borrow or raise money on behalf of the Company in the Company's name or in the name of the Members for the benefit of the Company and, from time to time, to draw, make, accept, endorse, execute, and issue promissory notes, drafts, checks, and other negotiable or nonnegotiable instruments and evidences of indebtedness, and to secure the payment thereof by mortgage, security agreement, pledge, or conveyance or assignment in trust of the whole or any part of the assets of the Company, including contract rights.

4.2 **Limitation on Authority of Individual Member**. Notwithstanding any other provision of this Agreement or the LLC Act, no Member is authorized to take any of the following actions without the prior express approval or consent of all the Members:

(a) Amend the Company's Articles of Organization or this Agreement;

(b) Sell or otherwise dispose of any assets owned by the Company other than in the ordinary course of business;

(c) Dissolve the Company;

(d) Merge the Company with another entity or convert the Company into a different type of entity;

(e) Admit a new Member;

(f) Borrow money or otherwise incur indebtedness in the name of the Company or sign an agreement obligating the Company to pay in excess of \$5,000 in a single transaction or in a series of related transactions; or

(g) Require an additional capital contribution.

4.3 **Duties of the Members**. The Members will manage and control the Company's business and affairs to the best of their ability and will use their best efforts to carry out the Business. The Members will devote such time to the business and affairs of the Company as is reasonable, necessary, or appropriate. Whenever reasonably requested by any Member, the Members will render a full and complete accounting of all dealings and transactions relating to the Business. Each Member will have a fiduciary responsibility for the safekeeping and use of all funds and assets of the Company, whether or not in his or her immediate possession or control, and the Members may not employ or permit another person to use those funds or assets in any manner except for the exclusive benefit of the Company.

4.4 **Limitation on Liability of Members**. Subject to the restrictions in Section 4.6, no Member will have any liability to the Company or to the other Member for any loss suffered by the Company or the other Member that arises out of any action or inaction of the Member as long as the Member's conduct was in good faith and the Member reasonably believed that the conduct was in the best interests of the Company.

4.5 **Indemnification of Members**. Each Member will be indemnified by the Company against any losses, judgments, liabilities, expenses, and amounts paid in settlement of any claims sustained against the Company or against the Member in connection with the Company, as long as the Member's conduct was in good faith and the Member reasonably believed that the conduct was in the best interests of the Company. The satisfaction of any indemnification and any saving harmless will be out of, and limited to, Company assets, and no Member will have any personal liability on account of such indemnification. 4.6 **Restrictions**. No Member will be relieved of liability pursuant to Section 4.4 or be entitled to indemnification pursuant to Section 4.5 for:

(a) Any breach of the Member's duty of loyalty to the Company;

(b) Any act or omission not in good faith that involves intentional misconduct or a knowing violation of law;

(c) Any unlawful distribution to the Members in violation of ORS 63.235; or

(d) Any transaction from which the Member derives an improper personal benefit.

4.7 **Other Business**. During the term of this Agreement, neither Member may carry on any other business in competition with this Company. Subject to this restriction, nothing in this Agreement will be deemed to restrict in any way the freedom of either Member to conduct any other business or activity whatsoever without any accountability to the Company or the other Member.

4.8 Loans. Any Member may, but will not be obligated to, make loans to the Company to cover the Company's cash requirements, and those loans will bear interest at a rate mutually determined by the Members.

4.9 **Dealing with the Company**. Either Member may deal with the Company by providing or receiving property and services to or from the Company, and may receive from others or the Company normal profits, compensation, commissions, or other income incident to those dealings, but the Member must first obtain written consent from the other Member for those dealings.

4.10 Liability of the Members for Company Obligation. Except to the limited extent provided in the LLC Act, neither Member will have any personal liability for any Company obligation, expense, or liability. The Members will not, without their consent, be required to make any capital contribution beyond their mutually agreed on capital contributions as expressly described in Section 2.1.

4.11 **Construction Contract**. Member Karl Ivanov agrees to provide a construction contract to the Company with an entity affiliated with Karl Ivanov for construction of infrastructure for a residential subdivision the Company intends to develop and construct, with such contract to be provided on an actual cost basis, without charge for overhead or profit.

## SECTION 5. COMPENSATION AND REIMBURSEMENT OF EXPENSES

5.1 **Organization Expenses**. The Company will pay all expenses incurred in connection with organization of the Company.

5.2 **Other Company Expenses**. The Members may charge the Company for their actual out-of-pocket expenses incurred in connection with the Company's Business. Any amounts paid by a Member to satisfy obligations of the Company will be treated as loans to the Company under Section 4.9.

# SECTION 6. BOOKS OF ACCOUNT; ACCOUNTING REPORTS; TAX RETURNS; FISCAL YEAR; BANKING

6.1 **Books of Account**. The Company's books and records, a register showing the names of the Members and the respective interests held by each of them, and this Agreement will be maintained at the principal office of the Company. The Members will have access to those books and records at all reasonable times. The Members will keep and maintain books and records of the operations of the Company that are appropriate and adequate for the Company's Business and for carrying out this Agreement.

6.2 Accounting Reports. The Members will be furnished with copies of internally prepared financial statements of the Company.

6.3 **Tax Returns**. The Members will cause all federal and state income tax returns for the Company to be prepared and timely filed with the appropriate authorities as necessary. As soon as practicable after the end of each taxable year, each Member will be furnished with a statement that may be used by the Member in preparing the Member's income tax returns, showing the amounts of any distributions, gains, profits, losses, or credits allocated to or against the Member during the fiscal year.

6.4 **Fiscal Year; Taxable Year**. The fiscal year and the taxable year of the Company is the calendar year.

6.5 **Banking**. All funds of the Company must be deposited in a separate bank account or in an account or accounts of a savings and loan association in the Company's name as the Members determine. Those funds may be withdrawn from the account or accounts on the signature of the person or persons who are designated by the Members.

# SECTION 7. TRANSFER OF MEMBERSHIP INTEREST; VOLUNTARY WITHDRAWAL

7.1 **Transfer Prohibited**. No Member may assign, pledge, mortgage, sell, or otherwise transfer ("Transfer") any part of his or her interest in the Company, and no Member has any right to substitute an assignee or any other person in the Member's place, and no assignee or any other person may be admitted to the rights of either Member without the prior written unanimous consent of all Members. This consent may be given or withheld in the absolute discretion of the Members. The Members are entering into this Agreement to carry on the Business in mutual reliance on the close personal relationship between the Members and all agree that the foregoing restriction on the Members' ability to transfer their interest in the Company is reasonable under the circumstances.

7.2 **Voluntary Withdrawal.** A Member may withdraw from the Company at any time for any reason or for no reason but only on six months' prior written notice to the other Members. For purposes of this Agreement, the death of a Member will be treated as a withdrawal

by the deceased Member and the six-month notice requirement will not apply. On withdrawal by a Member, the other Members will have the right, in their sole discretion, to elect to:

(a) Dissolve the Company as provided in Section 9;

(b) Continue the Company and treat the withdrawing Member or his or her representative as an assignee of the economic rights and benefits of the membership interest of the withdrawing Member, in which case the withdrawing Member will cease to have any voting or other management rights under this Agreement with respect to such membership interest and neither the other Member nor the Company will have any obligation to purchase or redeem the membership interest of or otherwise make any liquidating distribution to the withdrawing Member before the dissolution of the Company; or

(c) Continue the Company (with or without the admission of another member to retain the status of the Company as a partnership for income tax purposes) and cause the Company to purchase the membership interest of the withdrawing Member or his or her representative for the price and subject to the payment terms described in Section 8.

## SECTION 8. PURCHASE PRICE AND PAYMENT TERMS

8.1 **Purchase Price**. On election by the other Member to purchase the membership interest of a withdrawing Member pursuant to Section 7.2(c), the purchase price will be the amount of the withdrawing Member's total unreturned capital contribution, increased by interest at a commercially reasonable annual interest rate, calculated from the date of contribution.

8.2 **Payment.** The purchase price determined as provided in Section 8.1 will be payable, together with interest at the rate determined in 8.1 above, in 120 substantially equal monthly installments of principal and interest commencing no later than 180 days after the effective date of the withdrawal. The Company may prepay the purchase price at any time without penalty. The deferred purchase price will be an unsecured obligation of the Company.

## SECTION 9. DISSOLUTION AND WINDING UP OF THE COMPANY

9.1 **Dissolution**. The Company will be dissolved on the occurrence of any of the following events:

- (a) The agreement of all Members;
- (b) The election of the nonwithdrawing Member as described in Section 7.2(a); or
- (c) Otherwise by operation of law.

9.2 **Winding Up**. On dissolution of the Company, the Members will take full account of the Company's assets and liabilities, and the assets will be liquidated as promptly as is consistent with obtaining their fair value, and the proceeds, to the extent sufficient to pay the Company's obligations with respect to the liquidation, will be applied and distributed in the following order:

(a) To payment and discharge of the expenses of liquidation and of all the Company's debts, including debts and liabilities owed to the Members;

(b) To the Members to the extent of, and allocated among them pro rata in proportion to, their respective previously unreturned capital contributions; and

Operating Agreement – NORTHSTAR COMMUNITIES LLC

(c) To the Members and allocated among them pro rata in proportion to their respective percentage membership interests.

## SECTION 10. SPECIAL COVENANTS

10.1 **Single Purpose Entity**. The Company is organized solely for the purpose of (i) acquiring, developing, owning, and resale of real property, (ii) entering into any borrowing arrangement required for acquisition and the documents related thereto, and (iii) engaging in any activity that is incidental, necessary, or appropriate to accomplish the foregoing; The Company has not, since the date of its formation, and shall not:

(a) engage in any business or activity other than the ownership, development and resale of Property, and activities incidental thereto;

(b) acquire or own any material assets other than (i) the Property, and (ii) such incidental Personal Property as may be necessary for the operation of the Property;

(c) merge into or consolidate with any person or entity or dissolve, terminate or liquidate in whole or in part, transfer, or otherwise dispose of all or substantially all of its assets or change its legal structure;

(d) fail to preserve its existence as an entity duly organized, validly existing and in good standing (if applicable) under the laws of the jurisdiction of its organization or formation, and qualification to do business in the state where the Property is located, if applicable, or without the prior written consent of Lender, amend, modify, terminate or fail to comply with the provisions of, Articles of Organization, Operating Agreement or similar organization documents, as the case may be;

(e) own, form or acquire any subsidiary or make any investment in, any person or entity;

(f) comingle its assets with the assets of any of its Members, general partners, affiliates, principals, or of any other person or entity nor fail to hold all of its assets in its own name;

(g) incur any debt, secured or unsecured, direct or contingent (including guaranteeing any obligation), other than the debt except the borrowing for construction of the building and related improvements, except for trade payables in the ordinary course of its business of owing and operating the Property ("Trade Payable Debt"), provided that such Trade Payable Debt is not evidenced by a note and is paid when due;

(h) become insolvent or fail to pay its debts and liabilities from its assets as the same shall become due;

(i) fail to maintain its records, books of account and bank accounts separate and apart from those of the Members, partners, principals, and affiliates of the Company, the affiliates of a Member, partner or principal of Company, and any other person or entity or fail to maintain such books and records in the ordinary course of its business;

(j) enter into any contract or agreement with any Member, general partner, principal or affiliate or Company, guarantor or indemnitor or any Member, general partner, principal or affiliate thereof, except upon terms and conditions that are intrinsically fair, commercially reasonable and substantially similar to those that would be available on an arms-length basis with third parties other than any Member, general partner, principal or affiliate of Company, guarantor or indemnitor, or any Member, general partner, principal or affiliate thereof; (k) guaranty or become obligated for the debts of any other person or entity or hold out its credit as being able to satisfy the debts of another person or entity;

(1) make any loans or advances to any third party, including any Member, general partner, principal or affiliate of Company, or any Member, general partner, principal or affiliate thereof, nor buy or hold evidence of indebtedness issued by any other person or entity (other than cash or investment grade securities);

(m) fail to file its own tax returns, nor file a consolidated federal income tax return with any other equity, unless required by law; or

(n) fail to hold itself out to the public as a legal entity separate and distinct from any other entity or person, fail to conduct its business solely in its own name, mislead others as to the identity with which such other party is transacting business, or suggest that Company is responsible for the debts of any third party (including any Member, general partner, principal or affiliate of Company, or any Member, general partner, principal or affiliate thereof).

## SECTION 11. MISCELLANEOUS PROVISIONS

11.1 **Amendments.** Amendments to this Agreement may be proposed by any Member. A proposed amendment will be adopted and become effective as an amendment only on the written approval of all the Members.

11.2 **Governing Law**. This Agreement and the rights and obligations of the parties under it are governed by and interpreted in accordance with the laws of the state of Oregon (without regard to principles of conflicts of law).

11.3 **Waiver of Action for Partition**. Each of the Members irrevocably waives, during the existence of the Company and during the period of its winding up and liquidation following any event of dissolution, any right that the Member may have to maintain any action for partition with respect to any of the assets of the Company.

11.4 **Counterparts**. This Agreement may be executed in any number of counterparts with the same effect as if all parties had signed the same counterpart. All counterparts will be construed together and will constitute one and the same Agreement. A single counterpart may be introduced as evidence of this Agreement.

11.5 **Parties in Interest**. Subject to the limitations on transfers of membership interests set forth in Section 7 of this Agreement, each and every covenant, term, provision, and agreement is binding on and inures to the benefit of the parties and their heirs, successors, assigns, and legal representatives.

11.6 **Entire Agreement; Modification**. This Agreement constitutes the entire understanding and agreement between the Members with respect to the subject matter of this Agreement. There are no agreements, understandings, restrictions, representations, or warranties between the Members other than those in this Agreement or referred to or provided for in this Agreement. No modification or amendment of any provision of this Agreement will be binding on any Member unless it is in writing and signed by all the Members.

11.7 Attorney Fees. In the event of any suit or action to enforce or interpret any provision of this Agreement (or that is based on this Agreement), the prevailing party is entitled to recover, in addition to other costs, reasonable expert and attorney fees in connection with the suit, action, or arbitration, and in any appeals. The determination of who is the prevailing party and the amount of reasonable attorney fees to be paid to the prevailing party will be decided by the court or courts, including any appellate courts, in which the matter is tried, heard, or decided.

11.8 **Further Effect**. The parties agree to execute other documents reasonably necessary to further effect and evidence the terms of this Agreement, as long as the terms and provisions of the other documents are fully consistent with the terms of this Agreement.

11.9 **Severability**. If any term or provision of this Agreement is held to be void or unenforceable, that term or provision will be severed from this Agreement, the balance of the Agreement will survive, and the balance of this Agreement will be reasonably construed to carry out the intent of the parties as evidenced by the terms of this Agreement.

11.10 **Captions**. The captions used in this Agreement are for the convenience of the parties only and will not be interpreted to enlarge, contract, or alter the terms and provisions of this Agreement.

11.11 **Notices.** All notices required to be given by this Agreement will be in writing and will be effective when actually delivered or, if mailed, when deposited as certified mail, postage prepaid, directed to the addresses first shown above for each Member or to any other address that a Member may specify by notice given in conformance with these provisions to the other Members.

The parties enter into this Agreement as of the date first written above. Separate counterpart signature pages follow.

NORTHSTAR COMMUNITIES LLC OPERATING AGREEMENT MEMBER SIGNATURE PAGE

Members:

TRUSTEE 1 www.

Eric Lee Meurer, as Trustee of the Eric Lee Meurer Revocable Living Trust dated July 5, 2012

Karl Ivanov

Operating Agreement – NORTHSTAR COMMUNITIES LLC



## **Design Exception Request**

2014 City of Salem's Public Works Administrative Rules Chapter 109, Division 004

Northstar – Segment A

#### 19-122763-DR & 19-122762-RP

Division	Section	Exception	Reason	City Engineer Approval Initials	Date
Stormwater System	4E.7	Discretionary Approach	The Northstar Segments A through E site has been designed with regional detention and water quality facilities. Detention has been designed per the 2002 Public Works Design Standards with 2007 revisions. The 50-year event stormwater runoff will be controlled for the developed condition to the pre-developed 5-year storm event. In order to meet the hydraulic capacity requirement outlined in Condition 11 of the landuse decision, runoff from half the 2-year storm event under post developed conditions will be released at a pre-developed flow rate for the same event. 2002 City standards did not require water quality treatment but has been designed for the development in the form of a regional system to be constructed during Segment E. Because of impacts to wetlands, half of the 2-year storm event was used to size water quality treatment facilities. The 24-hour rainfall depth is 1.1 inches. This meets Oregon DEQ and National Marine Fisheries SLOPE V requirements for Segment A, water flow rates were adjusted to meet the Class 3 requirements and current City standards. The current water quality design storm event is 1.38 inches per 24-hour period. Attached to this exception request is the supporting analysis demonstrating design water quality facilities can treat the addition flow from Segment A using current standards.	APPRC On Behalf of Brian Mart James Lofton, PE 12/1	DVED in, PE, City Engine 6/2019



S A A A A A A A A A A A A A A A A A A A
CONDITION BASIN MAI
NORTHSTAR SEGMENT 'A-C'
THE NOT FOR THE CONSTRUCTION ER. UNLESS STAMPED STARE APPROVED HERE APPROVED HERE
PMD:
27 28- 22 28-

\_



10 KE (1. – Moderand, Anno. – 180 Bradination, and KE (18– KE) and Process Reveal (1971, 1971, 1971, 1971, 197





## Drawing is NOT to scale



#### Summary for Subcatchment WBO: Existing Conditions (Segment A)

0.11 cfs @ 19.39 hrs, Volume= 5,295 cf, Depth= 0.10" Runoff \_

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-90.00 hrs, dt= 0.01 hrs Type IA 24-hr Half of 2 year Rainfall=1.10"

Area (ac)	CN	Desc	cription		
14.570	79	Past	ure/grassla	and/range,	Fair, HSG C
14.570	79	100.0	00% Pervi	ous Area	
Tc Leng (min) (fee	jth et)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
00.0					Direct Lifting, IN-55 Worksheet in Appendix C

### Subcatchment WBO: Existing Conditions (Segment A)



#### Summary for Subcatchment WBC: Existing Conditions (Segment A)

Runoff = 0.20 cfs @ 17.57 hrs, Volume= 10,855 cf, Depth= 0.21"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-90.00 hrs, dt= 0.01 hrs Type IA 24-hr WQ Rainfall=1.38"

Area (ac)	CN	Desc	cription		
14.570	79	Past	ure/grassla	and/range,	Fair, HSG C
14.570	79	100.0	00% Pervi	ous Area	
Tc Lenç (min) (fe	gth et)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
63.0			<b>.</b>		Direct Entry, TR-55 Worksheet in Appendix C
		C h. a.	-		winting Conditions (Commont A)



Flow Differential

0.20 cfs - 0.11 cfs = 0.09 cfs

#### Summary for Pond MH#2: Control MH #2

7" for Half of 2 year event
ten= 76%, Lag= 966.3 min
-
r" ter

Routing by Stor-Ind method, Time Span= 0.00-90.00 hrs, dt= 0.01 hrs Peak Elev= 170.97' @ 24.21 hrs Surf.Area= 0 sf Storage= 20,323 cf Flood Elev= 176.50' Surf.Area= 0 sf Storage= 272,789 cf

Plug-Flow detention time= 846.3 min calculated for 52,685 cf (99% of inflow) Center-of-Mass det. time= 817.2 min (2,693.9 - 1,876.7)

Volume	Inve	rt Avail.Sto	rage	Storage Description
#1	169.5	0' 272,78	39 cf	Custom Stage Data Listed below
	-			
Elevatio	on C	um.Store		
(fee	et) (C	ubic-feet)		
169.5	50	0		
170.0	00	3,659		
170.5	50	10,530		
171.0	00	20,862		
171.5	50	34,425		
172.0	00	50,980		
172.5	50	70,460		
173.0	00	91,846		
173.5	50	114,330		
174.0	00	137,921		
174.5	50	162,627		
1/5.0	00	188,457		
1/5.5	50	215,422		
1/6.0	00	243,529		
176.5	50	272,789		
Device	Routing	Invert	Outle	et Devices
#1	Primary	169.15'	36.0"	' Round 36" Pipe
	-		L= 15	50.0' RCP, rounded edge headwall, Ke= 0.100
			Inlet /	/ Outlet Invert= 169.15' / 169.02' S= 0.0009 '/' Cc= 0.900
			n= 0.	013, Flow Area= 7.07 sf
#2	Device 1	169.15'	2.6" \	Vert. Orifice #1 C= 0.600
#3	Device 1	171.00'	13.0"	' Vert. Orifice #2 C= 0.600
#4	Device 1	175.50'	36.0"	<b>Horiz. Overflow</b> C= 0.600 Limited to weir flow at low heads
Primary	OutFlow	Max=0.23 cfs @	@ 24 2	1 hrs HW=170 97' (Free Discharge)
1-36	" <b>Pine</b> (Pa	1000 - 0.20 010 (	f 12 7	7 cfs potential flow)

**1=36**" **Pipe** (Passes 0.23 cfs of 12.77 cfs potential flow) **2=Orifice #1** (Orifice Controls 0.23 cfs @ 6.31 fps)

-3=Orifice #2 (Controls 0.00 cfs)

-4=Overflow (Controls 0.00 cfs)



### Pond MH#2: Control MH #2

## Summary for Pond 1P: Flow Splitter

Inflow Area = 2,340,043 sf, 55.45% Impervious, Inflow Depth > 0.27" for Half of 2 year event Inflow 0.23 cfs @ 24.21 hrs. Volume= 52.685 cf = 0.23 cfs @ 24.21 hrs, Volume= Outflow 52,685 cf, Atten= 0%, Lag= 0.0 min = 0.23 cfs @ 24.21 hrs, Volume= Primary = 52,685 cf Secondary = 0.00 cfs @ 0.00 hrs, Volume= 0 cf

Routing by Stor-Ind method, Time Span= 0.00-90.00 hrs, dt= 0.01 hrs Peak Elev= 169.30' @ 24.21 hrs Flood Elev= 181.00'

Device	Routing	Invert	Outlet Devices
#1	Primary	169.02'	<b>12.0" Round Culvert</b> L= 37.4' RCP, rounded edge headwall, Ke= 0.100
			Inlet / Outlet Invert= 169.02' / 168.88' S= 0.0037 '/' Cc= 0.900 n= 0.013, Flow Area= 0.79 sf
#2	Secondary	169.35'	<b>36.0" Round Culvert</b> L= 76.4' RCP, rounded edge headwall, Ke= 0.100 Inlet / Outlet Invert= 169.35' / 168.80' S= 0.0072 '/' Cc= 0.900 n= 0.013, Flow Area= 7.07 sf

Primary OutFlow Max=0.23 cfs @ 24.21 hrs HW=169.30' (Free Discharge) **1=Culvert** (Barrel Controls 0.23 cfs @ 1.85 fps)

Secondary OutFlow Max=0.00 cfs @ 0.00 hrs HW=169.02' (Free Discharge) -2=Culvert (Controls 0.00 cfs)



#### Pond 1P: Flow Splitter

#### Summary for Reach WQ: Current Standards

 Inflow
 =
 0.32 cfs @
 0.00 hrs, Volume=
 103,692 cf, Incl. 0.32 cfs Base Flow

 Outflow
 =
 0.32 cfs @
 1.03 hrs, Volume=
 103,639 cf, Atten= 0%, Lag= 61.8 min

Routing by Stor-Ind method, Time Span= 0.00-90.00 hrs, dt= 0.01 hrs Max. Velocity= 1.03 fps, Min. Travel Time= 2.4 min Avg. Velocity = 1.03 fps, Avg. Travel Time= 2.4 min

Peak Storage= 46 cf @ 1.03 hrs Average Depth at Peak Storage= 0.27' Bank-Full Depth= 3.00' Flow Area= 7.1 sf, Capacity= 19.64 cfs

36.0" Round Pipe n= 0.013 Length= 150.0' Slope= 0.0009 '/' Inlet Invert= 169.15', Outlet Invert= 169.02'



#### **Reach WQ: Current Standards**



0.09 cfs + 0.23 cfs = 0.32 cfs

#### Summary for Pond 2P: Flow Splitter

Inflow	=	0.32 cfs @	1.03 hrs, Volume=	103,639 cf
Outflow	=	0.32 cfs @	1.06 hrs, Volume=	103,639 cf, Atten= 0%, Lag= 1.8 min
Primary	=	0.32 cfs @	1.06 hrs, Volume=	103,300 cf
Secondary	=	0.00 cfs @	1.06 hrs, Volume=	340 cf

Routing by Stor-Ind method, Time Span= 0.00-90.00 hrs, dt= 0.01 hrs Peak Elev= 169.36' @ 0.87 hrs Flood Elev= 181.00'

Device	Routing	Invert	Outlet Devices
#1	Primary	169.02'	<b>12.0" Round Culvert</b>
			Inlet / Outlet Invert= $169.02' / 168.88' \text{ S} = 0.0037 '/' \text{ Cc} = 0.900$ n= 0.013, Flow Area= 0.79 sf
#2	Secondary	169.35'	<b>36.0" Round Culvert</b> L= 76.4' RCP, rounded edge headwall, Ke= 0.100 Inlet / Outlet Invert= 169.35' / 168.80' S= 0.0072 '/' Cc= 0.900 n= 0.013, Flow Area= 7.07 sf

**Primary OutFlow** Max=0.32 cfs @ 1.06 hrs HW=169.36' (Free Discharge) **1=Culvert** (Barrel Controls 0.32 cfs @ 2.04 fps)

Secondary OutFlow Max=0.00 cfs @ 1.06 hrs HW=169.36' (Free Discharge) 2=Culvert (Barrel Controls 0.00 cfs @ 0.22 fps)



### Pond 2P: Flow Splitter

## WQ Analysis Swale #1 Adjusted

Tupe: Transmidal		Define	Parameter	Valu	Je.
rype.   Trapezoidai	<u> </u>		Flow	0.32	20
Side Slope 1 (Z1):	3.0	H : 1V	Depth	0.31	1
Side Slope 2 (Z2):	3.0	H : 1V	Area of Flow	1.84	7
Channel Width (B):	5.0	(ft)	Wetted Perimeter	6.96	8
Pine Diameter (D):	0.0	(FP)	Hydraulic Radius	0.26	5
r ipe blaineter (b).	0.005	00	Average Velocity	0.17	3
Longitudinal Slope:	10.005	(n/n)	Top Width (T)	6.86	;7
🗖 Override Default		.	Froude Number	0.05	;9
Manning's Roughness:	0.2500		Critical Depth	0.05	i0
🔲 Use Lining			Critical Velocity	1.24	7
Lining Type: Woven Pa	aper Net	~	Critical Slope	2.50	608
·			Critical Top Width	5.29	9
			Max Shear Stress	0.09	)7
I			Avg Shear Stress	0.08	13
<ul> <li>Enter Flow:</li> </ul>	0.320	(cfs)			
C Enter Depth:	0.311	(ft)			
Calcu	ulate				
Plot	Comp	ute Curves		ок	(

83

Unit

cfs ft

sq ft

ft ft

fps ft

ft

fps

ft/ft ft

Cancel

lb/ft^2 lb/ft^2



#### SRC 804.025 (d) Criteria. A Class 2 Driveway Approach Permit shall be granted if:

## (1) The proposed driveway approach meets the standards of this Chapter and the Public Works Design Standards;

<u>Applicant Response</u>: The subject property is 14.72 acres in size, zoned RM2, and located on Kale Road (062W32C/Tax Lots 700 and 800).

The applicant is proposing a development consisting of 324 apartment units as shown on the site plans. The proposed development will have access onto Countryside Drive that runs north/south adjacent the property. Countryside Drive is designated as a 'local' street on the Salem Transportation System Plan. Both driveway approaches will meet Public Works design

standards. As shown on the site plan the driveway approach is required for access to the site and is in compliance with design standards.

### (2) No site conditions prevent placing the driveway approach in the required location;

<u>Applicant Response</u>: The location of the driveway approach was taken into consideration prior to laying the site out. Access onto Kale Road is not allowed, so all access for the development is taken from Countryside Drive. The location of the proposed driveway takes into consideration the location of internal streets adjacent to the site and access onto Countryside Drive. Therefore, all factors were taken into consideration and there are no conditions on the site that prevent the driveway approach.

### (3) The number of driveway approaches onto an arterial are minimized;

<u>Applicant Response</u>: Countryside Drive is a 'local' street. There are no driveways proposed onto an arterial. Therefore, this criterion is has been met.

- (4) The proposed driveway approach, where possible:
- (A) Is shared with an adjacent property; or
- (B) Takes access from the lowest classification of street abutting the property;

<u>Applicant Response to (4)(B)</u>: The subject property is located on Kale Street to the south and Countryside Drive to the east. Access to Kale Street is not allowed for this development. All access will be onto Countryside Road. There are twos driveway approaches proposed onto Countryside Drive. There are no adjacent driveways to share access with and Countryside Drive is a 'local' street. Therefore, is no lower classified streets abutting the property. Therefore, this criterion has been met.

## (5) The proposed driveway approach meets vision clearance standards;

<u>Applicant Response</u>: Through the pre-app process, the applicant has been working with Public Works to ensure that the driveway approach is in the required location and meets vision clearance standards. As shown on the site plan, this criterion has been met.

# (6) The proposed driveway approach does not create traffic hazards and provides for safe turning movements and access;

<u>Applicant Response</u>: The driveway approach does not create traffic hazards. As shown on the site plan, this criterion has been met.

# (7) The proposed driveway approach does not result in significant adverse impacts to the vicinity;

<u>Applicant Response</u>: Public Works has had the opportunity to review the site plan for any adverse impacts. No adverse impacts to the vicinity have been identified. As shown on the site plan, the location of the driveway will not have any impacts on the subject property or adjacent properties. This criterion has been met.

# (8) The proposed driveway approach minimizes impact to the functionality of adjacent streets and intersections; and

<u>Applicant Response</u>: The applicant has been working with Public Works to ensure that the driveway approach is in the required locations to minimize impacts to adjacent streets and intersections. As shown on the site plan, this criterion has been met.

# (9) The proposed driveway approach balances the adverse impacts to residentially zoned property and the functionality of adjacent streets.

<u>Applicant Response</u>: The applicant has been working with Public Works to ensure that the driveway approach is in the required location to help balance the adverse impacts to residentially zoned property. The location of the proposed driveways takes into consideration the location of internal streets adjacent to the site and access onto Countryside Drive. As shown on the site plan, this criterion has been met.





-









PERMANENT UNDERGROUND IRRIGATION SYSTEM TO BE INSTALLED

7T3

T7

77

٦ì

T-7

77

no





## GENERAL LANDSCAPE NOTES:

<u>General:</u>

- 1. All local, municipal, state, and federal laws regarding uses, regulations, governing or relating to any portion of the work depicted on these plans are hereby incorporated into and made part of these specifications and their provision shall be carried out by the Contractor. The Contractor shall at all times protect the public throughout the construction process.
- 2. The Contractor shall carefully correlate construction activities with earthwork contractor and other site development.
- 3. The Contractor shall verify drawing dimensions with actual field conditions and inspect related work and adjacent surfaces. Contractor shall verify the accuracy of all finish grades within the work area. The Contractor shall report to the Landscape Design & Consultants LLC (LDC) or Owner all conditions which prevent proper execution of this work.
- 4. The exact location of all existing utilities structures and underground utilities, which may not be indicated on the drawings, shall be determined by the Contractor. The Contractor shall protect existing structures and utility services and is responsible for their replacement if damaged.
- Disturbance and impacts to existing native trees/shrubs shall be minimized to the greatest extent practicable. 6. The Contractor shall keep the premises free from rubbish and debris at all times and shall arrange material storage to not to
- interfere with the operation of the project. All unused material, rubbish, and debris shall be removed from the site. All plant material and planting supplies shall be warranted for a period of not less than one year from the completion date of installation. All replacement stock shall be subjected to the same warranty requirement as the original stock. Any damage due to replacement operations shall be repaired by the Contractor. At the end of the warranty period, inspections shall be made by LDC, Owner/General Contractor. All plant and lawn areas not in a healthy growing condition shall be removed and replaced with plants and turf cover of a like kind and size before the close of the next planting season,

### Grading / Erosion Control:

- 1. The design and placement of the building on the site lends itself to minimal slope conditions with positive drainage being maintained around the entire building. In this case standard landscaping procedures of topsoil, lawn, and a two inch layer of bark mulch on all planting beds will be sufficient to control erosion. In the event site conditions change or there are Slopes / Bio Swale / Detention Ponds on the project with slopes greater than 30% Poly tight Jute Netting shall be installed with anchoring pins as per manufactures recommendations prior to planting. Recommend DeWitt PJN4216 Erosion Control Poly Jute Netting and DeWitt
- anchor pins or approved equal. 2. Seed recommendation is Pro Time 700 Low Profile or approved equal over the jute netting at a rate of 2 lbs. per 1000 sq. feet. The
- address of Pro Time is 1712 SE Ankeny, Portland OR 97214. Phone 503-239-7518. There email is info@protimelawnseed.com 3. The work limits shown on this plan shall clearly be marked in the field prior to construction. No disturbance beyond the work limits shall be permitted.
- 4. Grading shall be preformed during optimal weather conditions.
- 5. Erosion control measures shall be constructed in conjunction with all clearing and grading activities, and in such a manner as to ensure that sediment and sediment-laden water does not enter the drainage system or violate applicable water standards 6. Prior to the commencement of construction activities, Contractor shall place orange construction fencing around perimeters of construction impact areas, and sediment fencing at downhill portions of the site. Contractor is responsible for proper installation,
- maintenance, replacement, and upgrading of all erosion and sediment control measures, in accordance with local, state, and federal regulations. **Plant Material:**
- Contractor shall verify all plant & tree quantities with LDC or Owner prior to construction. 2. In the event of a discrepancy between plants materials listed on the drawings, the drawings shall govern the plant species and
- quantities required.
- 3. Plant material shall be first quality stock and shall conform to the code of standards set forth in the current edition of the American Standards for Nursery Stock sponsored by the American Association of Nurserymen, Inc. (AAN)
- 4. Species and variety as specified on the drawings and delivered to the site shall be certified true to there genus, species and variety and as defined within the current edition International Code of Nomenclature for Cultivated Plants.
- 5. Obtain freshly dug, healthy, vigorous plants nursery-grown under climatic conditions similar to those in the locality for the project for a minimum of two years. Plants shall have been lined out in rows, annually cultivated, sprayed, pruned, and fertilized in accordance with good horticultural practice. All container plants shall have been transplanted or root pruned at least once in the past three vears. Balled-and burlapped (B&B) plants must come from soil which will hold a firm root ball. Heeled in plants and plants from cold storage are not acceptable.'
- 6. Planting stock shall be well-branched and well-formed, sound, vigorous, healthy, free from disease, sun-scaled, windburn, abrasion, and harmful insects or insect eggs; and shall have healthy, normal, unbroken toot systems. Deciduous trees and shrubs shall be symmetrically developed, uniform habit of growth, with straight trunks or stems, and free from objectionable disfigurements. Evergreen trees and shrubs shall have well-developed symmetrical tops with typical spread of branches for each particular species or variety. Only vines and ground cove plants well-established shall be used. Plants budding into leaf or having soft growth shall be sprayed with an anti-desiccant at the nursery before digging.
- 7 Contractor shall not make substitutions of plant materials. If required landscape material is not obtainable, submit proof of nonavailability and proposal for use of equivalent material. When authorized, adjustments of contract amount (if any) will be made by
- change order. 8. Plant sizes and grading shall conform to the latest edition of American Standard for Nursery Stock as sponsored by the American Association of Nurserymen Inc. (AAN)
- 9. All vegetation shown on this plan shall be maintained in a healthy and vigorous growing condition throughout the duration of the proposed use. All vegetation not so maintained shall be replaced wit new vegetation at the beginning of the next growing season.
- **Planting:** 1. Planting shall be installed between March 1<sup>st</sup> to April 30<sup>th</sup> or between October 1<sup>st</sup> to November 30<sup>th</sup>. If planting is installed outside these times frames. additional measures maybe needed to ensure survival and shall be pre-approved by the owner.
- Plant material shall be transported to the sit in a timely manner to minimize on-site storage. Where storage is required, all plants shall be kept moist and shaded.
- 3. Plant stock shall be handled in a manner that will not break, scrape, or twist any portion of the plant. Protect plants at all times from conditions that can damage the plant (e.g., sun, wind, freezing conditions).
- 4 Provide the following clearance for planting of trees where applicable:
- Maintain 30 feet vision triangles at all intersections and corners 5 feet from all street/parking lot light standards

## 10 feet from fire hydrants

- 5 feet from all utility vaults, meter boxes, etc.
- 5. No trees or shrubs shall be planted on existing or proposed utility lines.
- 6. All shrub beds shall receive a minimum 2" layer of bark mulch evenly applied immediately after panting is completed. All plant beds shall drain away from buildings.
- 7. Excavate plant pits for shrubs and trees as follows:
- width = 2 times the container diameter, depth = container depth. Container stock:
- width = 2 times the widest diameter of the root, depth = of root system. Bare root stock:
- B & B: width = 2 times ball diameter, depth = ball depth. Scarify sides and bottom of plant pits to roughen surfaces.

8. Place plants plumb in the pit, Backfill with native soil or top soil mixture to the original plant soil line, and tap solidly around the ball and roots. Water plants immediately after planting if soil is not saturated to the surface.

- Lawn Areas /Hydro-Seeding/Sod: 1. All lawn area shall be seeded unless otherwise directed by Owner to install Sod. Seed or Sod shall be procured through Kuenzi Turf Nurserv. Seed or Sod shall be Rhizomatous Tall Fescue (RTF); Seed mix shall be applied at a rate of 10 lbs. per 1000 sq.
- feet. Contact Kuenzi Turf Nurserv at (503)585-8337 or approved equal. 2. All areas shown on the plan shall be seeded between March 1<sup>st</sup>, and May 1<sup>st</sup>, or between September 1<sup>st</sup> and October 15<sup>th</sup>,
- Scarify soil surface to a depth of 3 inches, to ensure adequate seed contact with soil.
- Prior to seeding, clearly delineate seeding limits using flags or non-toxic paint. Hydro-seed application rate shall be 60 lbs. per 100 gallons of hose work or 75 lbs. per 100 gallons of tower work
- 6. If, at the end of one complete growing season, the planted and seeded area fail to exhibit well-established plant communities, or
- exhibit patchiness in the patterns of vegetative cover, supplemental seeding and planting shall occur. Seeding of slopes greater that 30% shall be done by Hydro Seeding using a seed mix of Pro Time 700 Low Profile or approved equal at a rate of 2 lbs. per 1000 sq. feet.

#### Top Soil Mixture:

- 1. A 2" to 4" laver of garden care compost, mushroom compost or similar material sterilized at 105 degrees Fahrenheit shall be incorporated into the existing soil prior to planting and seeding/sod lawns.
- Incorporate into existing soil prior to planting the following fertilizers at a rate specified per 1000 sg. ft. of planting area. 20 lbs. 10-6-4 50% Slow Release
- 30 lbs. 38-0-0 Nitroform
- 10 lbs. Iron Sulfate 21% 20 lbs. 0-18-0 Super Phosphate
- 25 lbs. Dolomite Lime
- 10 lbs. 13-0-11 Potassium Nitrate
- **Bark Mulch:**
- 1. All shrub beds shall receive a minimum 2" layer of fine hemlock or fir bark mulch evenly applied immediately after panting is completed. All plant beds shall drain away from buildings.
- Poly Jute Netting: 1. Tight net Poly Jute Netting shall be installed on Bio Swales/Detention Ponds/Vegetated Swale and Rain Gardens as a soil stabilizer and erosion control agent. Jute Netting shall be installed with anchoring pins as per manufactures recommendations prior
- to planting. Recommend DeWitt PJN4216 Erosion Control Poly Jute Netting and DeWitt anchor pins or approved equal. Bio Swales/Detention Ponds/Vegetated Swales:
- 1. Bark Mulch shall not be applied to Bio Swales/Detention Ponds or Vegetated Swales.
- Weed Control Agent:

1. Apply caseron as a weed control agent after planting as per manufactures specified recommendations around building or approved equal.

Non-Native Plant Species:

## 1. All non-native, invasive plant species shall be removed from the site.

- Growing Medium for Stormwater Bio Swales/Vegetated Swales/Rain/Gardens/Planter Boxes:
- 1. Growing Medium shall comply with City of Salem Department of Public Works Administrative Rules, Chapter 9, and Division 004 Appendix G-Key Material Specifications for Storm Water Quality Facilities.

specified

mulch as specified. set

specified



CONTRACTOR TO VERIFY ALL QUANTITIES OF PLANT MATERIALS WITH LANDSCAPE DESIG PLANT MATERIAL SUBSTITUTIONS MAY BE MADE BY THE OWNER FOR PLANT MATERIALS O AND/OR STRUCTURE OF GROWTH DUE TO AVAILABILITY, WATER, SOIL, AND SUN REQUIRED

				MULTI TECH MULTI TECH PODERNCSERVICES, INC. 1155 13th ST. S.E. SALEM, OR. 97302 PH. (503) 363 - 9227 FAX (503) 364-1260 www.mtengineering.net office@mtengineering.net
				LANDSCAPE PLAN
S CONDITION RE 1 ½"- 2" cal. B & B 1 ½"- 2" cal. B & B	MARKS 6' Standard 6' Standard 6' Standard 6' Standard 6' Standard 6' Standard 6' Standard 6' Standard 6' Standard 6' Standard			NORTHSTAR APARTMENT COMPLEX
2 gal.       cont.         2 gal.       cont. <td>Full Planted 3' o/c Full Full Full Full Full Full Full Ful</td> <td></td> <td></td> <td>Image: Non-Lise Lise       No CHANGES, MODIFICATIONS         Design:       M.D.G.         Drawn:       C.F.S.         Drawn:       D.F.S.         Drawn:       D.F.S.         Drawn:       D.F.S.         WITHOUT WRITTEN         AUTHORIZATION FROM THE         Date:       OCT 2018         Scale:       AS SHOWN         Dimensions &amp; NOTES TAKE         PRECEDENCE OVER         GRAPHICAL REPRESENTATION.</td>	Full Planted 3' o/c Full Full Full Full Full Full Full Ful			Image: Non-Lise Lise       No CHANGES, MODIFICATIONS         Design:       M.D.G.         Drawn:       C.F.S.         Drawn:       D.F.S.         Drawn:       D.F.S.         Drawn:       D.F.S.         WITHOUT WRITTEN         AUTHORIZATION FROM THE         Date:       OCT 2018         Scale:       AS SHOWN         Dimensions & NOTES TAKE         PRECEDENCE OVER         GRAPHICAL REPRESENTATION.
		LANDSCAPE & IRRIGATIO LANDSCAPE & IRRIGATIO & & CONSULTAN Doing business since	N DESIGN BY: DESIGN NDESIGN NTS LLC	OREGON 000000000000000000000000000000000000

