VILLAGE OF DOWNERS GROVE REPORT FOR THE VILLAGE COUNCIL MEETING JANUARY 9, 2007 AGENDA

SUBJECT:	TYPE:		SUBMITTED BY:
	✓	Resolution	
Agreement with the Village of		Ordinance	
Lisle and First Eagle Development,		Motion	David Fieldman
Inc.		Discussion Only	Deputy Village Manager

SYNOPSIS

A resolution authorizing the Mayor to execute an agreement for water service with the Village of Lisle and First Eagle Development, Inc. has been prepared.

STRATEGIC PLAN ALIGNMENT

The Five Year Plan and Goals for 2006-2011 identified *Top Quality Village Infrastructure and Facilities*.

FISCAL IMPACT

N/A.

UPDATE & RECOMMENDATION

This item was discussed at the December 12, 2006 Workshop. Staff recommends approval on the January 16, 2007 active agenda, subject to approval of the amendment to the Boundary Agreement.

BACKGROUND

First Eagle Development wishes to develop the 1.97 acre property located at 4708 and 4712 Walnut Avenue with 14 townhome units in 7 buildings. The property is located within the Lisle planning jurisdiction and the petitioner is in the process of annexing the property into Lisle. Lisle does not have a watermain near the subject site. A Downers Grove watermain is located in the Walnut Avenue right-of-way near the subject site. As both Lisle and Downers Grove provide water via the DuPage Water Commission, the developer and the Village of Lisle wish to enter into the attached agreement that would allow for the provision of Downers Grove water to serve the development.

The agreement among the Village of Downers Grove, the Village of Lisle and the developer contains the following key terms:

- o The developer shall annex the subject site into the Village of Lisle and develop the site according to the plans reviewed and approved by Lisle
- o The developer shall extend the watermain into the site. The water system shall meet all Downers Grove regulations and design standards. Downers Grove shall inspect the system for compliance with Village codes. The developer shall pay all required Downers Grove fees.
- The developer shall enter into individual water service agreements for each dwelling unit. These agreements shall be transferred to subsequent owners of the units. The water customers shall pay non-resident water fee rates.

Staff has additionally initiated discussion with Lisle related to the existing Boundary Agreement relative to this area and recommends finalization of changes to the Boundary Agreement prior to execution of the agreement for water service.

ATTACHMENTS

Agreement Resolution

RESOLUTION NO. ____

A RESOLUTION AUTHORIZING EXECUTION OF AN AGREEMENT BETWEEN THE VILLAGE OF DOWNERS GROVE, THE VILLAGE OF LISLE AND FIRST EAGLE DEVELOPMENT FOR WATER SYSTEM DESIGN, CONSTRUCTION, CONNECTION AND SERVICE

BE IT RESOLVED by the Village Council of the Village of Downers Grove, DuPage County, Illinois, as follows:

- 1. That the form and substance of a certain Agreement (the "Agreement"), between the Village of Downers Grove (the "Village") and the Village of Lisle ("Lisle") and First Eagle Development (the "Developer"), for water service, as set forth in the form of the Agreement submitted to this meeting with the recommendation of the Village Manager, is hereby approved.
- 2. That the Village Manager and Village Clerk are hereby respectively authorized and directed for and on behalf of the Village to execute, attest, seal and deliver the Agreement, substantially in the form approved in the foregoing paragraph of this Resolution, together with such changes as the Manager shall deem necessary.
- 3. That the proper officials, agents and employees of the Village are hereby authorized and directed to take such further action as they may deem necessary or appropriate to perform all obligations and commitments of the Village in accordance with the provisions of the Agreement.
- 4. That all resolutions or parts of resolutions in conflict with the provisions of this Resolution are hereby repealed.
- 5. That this Resolution shall be in full force and effect from and after its passage as provided by law.

 Mayor

Passed:
Attest:
Village Clerk

Pins:	

AGREEMENT BETWEEN THE VILLAGE OF DOWNERS GROVE, THE VILLAGE OF LISLE AND FIRST EAGLE DEVELOPMENT FOR WATER SYSTEM DESIGN, CONSTRUCTION, CONNECTION AND SERVICE

THIS AGREEMENT, made and entered into this ______ day of ______, 2006 by and between the VILLAGE OF DOWNERS GROVE, an Illinois Municipality ("**Downers Grove**"), the VILLAGE OF LISLE, an Illinois Municipality ("**Lisle**"), (collectively "the Municipalities"), and FIRST EAGLE DEVELOPMENT, INC. CORPORATION, an Illinois Corporation ("**Developer**").

WITNESSETH:

WHEREAS, Walnut Avenue is a roadway that runs north and south and divides the Municipalities;

WHEREAS, Downers Grove owns, operates and maintains a water main situated and running along the westernmost portion of Walnut Avenue south of Ogden Avenue (the "Downers Grove Water Main") which lies adjacent to a development to be constructed by Developer on approximately 1.97 acres of land which is commonly known as 4708 and 4712 Walnut Avenue, presently in unincorporated DuPage County, Illinois (the Property). The development, referred to as the Villas of Versailles, is proposed to consist of fourteen (14) duplex townhomes and related infrastructure (the "Development") and is more particularly set forth in the attached exhibits; and

WHEREAS, it is the desire of the Developer and Lisle to annex this Property and Development into the Village of Lisle; however, Lisle presently has no water main or infrastructure for a water main in the area of the Development; and

WHEREAS, the Developer has caused certain civil engineering plans and specifications to be prepared by the firm of A. McGurr Ltd. for the Development (the "Engineering Plans") which Engineering Plans have

been reviewed and approved by the Municipalities; (said Engineering Plans are attached hereto and incorporated herein by reference as **Group Exhibit C**, specifically C1-C6) and,

WHEREAS, the Municipalities have conferred and agree that it is in the best interests of all concerned to allow the Development to obtain water service through the Downers Grove Water Main via a connection thereto (the "Connection"); and

WHEREAS, the Development will be officially annexed to Lisle prior to the Connection,

NOW, THEREFORE, for and in consideration of the mutual agreements herein contained, Downers Grove agrees to provide water service through the Downers Grove Water Main to the Development and the Lisle residents therein in such quantities as may be necessary to serve said Development under the following terms:

ARTICLE I

WATER SYSTEM DESIGN, CONSTRUCTION AND CONNECTION

- 1. Prior to Connection of the Downers Grove Water Main to the Development, Downers Grove and Lisle require the following conditions precedent:
 - A. Review and approval of the Engineering Plans by the Downers Grove and Lisle;
 - B. Annexation of the Development to Lisle;
 - C. Compliance with this Agreement;
 - D. Execution of Water Service Agreements (attached hereto and incorporated herein as **Exhibit B**) for each unit by the owner of the Development which Water Service Agreement will run with the land and is binding on any successor owner of record.
 - E. Submission and acceptance of a letter of credit for the water system construction and connection, including but not limited to any damage caused to Walnut Avenue. Said letter of credit shall be submitted by the Developer solely to and for the benefit of Downers Grove and its interests therein. The letter of credit shall be made in an amount acceptable to Downers Grove and in conformance with the Downers Grove requirements.
- 2. Connection to the Downers Grove Water Main shall be made at one central hydrant referred to as "H-1" on A. McGurr plans. The water service and main utilized by the Development will be referred to as the Villas of Versailles Water System and is depicted on **Exhibit C3**. Basically, an eight inch (8") water main primarily situated on the Property and designed to serve the fourteen (14) townhomes of the Development and the fire hydrants thereof (the Water Main) shall be connected to the Downers Grove Water Main at the Points of Connection in accordance with the Engineering Plans.
- 3. The water system that is referred to in **Exhibit C3** which includes the fourteen (14) water services that extend up to and including the Buffalo

Boxes, the two (2) water lines that extend up to and including the fire hydrants and the two 8" resilient type gate valves (collectively, Exhibit C3 "Versailles Water System") shall be under Downers Grove ownership and jurisdiction and shall be installed by a licensed plumber at the cost and expense of the Developer in conformance with the Engineering Plans and applicable Downers Grove specifications.

- 4. Downers Grove shall provide, own and maintain the fourteen (14) water meters to be installed for each Duplex residence, all at the Developer's expense. Downers Grove shall provide, own, maintain and read the fourteen (14) electronic remote water meter reading devices that shall be electronically connected to the water meters and mounted upon the exterior of each Duplex, all at the Developer's expense. It shall be the responsibility of Downers Grove to periodically perform meter readings in accordance with standard Village practice.
- 5. The Developer shall be responsible for all water connection and permit fees as provided for in the Downers Grove Municipal Code. Additionally, Developer shall be responsible for any damage he, his subcontractors, agents or employees may cause to Walnut Avenue.
- 6. The fourteen (14) connections from the Buffalo-Box to the water meter shall be performed by a licensed plumber at the expense of the Developer. Such water service connections shall also include appropriate shut-off valves on either side of the water meter. As aforementioned, the water meters shall be provided by Downers Grove and paid for by the Developer, and shall have remote reading capabilities. All of the equipment, piping, tubing, material and mechanical devices installed in the Development shall be installed by a licensed plumber and shall be in conformance with applicable Downers Grove standards and specifications.
 - . The Development shall be constructed in conformance with the Engineering Plans. Review of the Engineering Plans by the Municipalities shall commence upon submission of the Engineering Plans to the Municipalities and shall be completed in a timely manner.
- 8. Developer shall comply with all applicable ordinances of the Village of Downers Grove and the Village of Lisle. The municipalities will work together to ensure that there is not an imposition of conflicting requirements nor duplication of fees, costs or expenses charged to the Developer by the municipalities. The Developer, however, has the responsibility to bring to the attention of the municipalities any duplication or conflict in requirements, fees, cost or expenses.
- 9. At the time the Connection is to be made, Downers Grove shall schedule a shut down of an appropriate portion the Downers Grove Water Main and shall have a Village inspector on hand to determine that a proper Connection is being made. The Developer shall have the responsibility of coordinating this task with Downers Grove. Upon completion of the Connection, Downers Grove shall re-initiate water service. Downers Grove shall have the responsibility of making appropriate prior water disruption notifications to all affected customers.

ARTICLE II WATER SYSTEM SERVICE

- 1. It is the intent of the parties hereof that to the extent practicable, the residents of the Development shall be considered as Downers Grove water customers and be treated in the same manner as non-resident Downers Grove water customers. Furthermore, as each unit is sold by the Developer, the previously signed Water Service Agreement shall be binding upon any successor owner of record. The Water Service Agreement shall be recorded on title to each property. It is further agreed that if in the future, Lisle's water system becomes adjacent to the Development; the residents of the Development will disconnect from the Downers Grove water system and connect to the Lisle water system, all at the sole cost and expense of the residents of the Development or the Developer.
- 2. Assuming that the Development is hooked into the Downers Grove Water Main and is receiving water service from Downers Grove, Downers Grove shall read the meters on the same basis as for other unincorporated residential customers of the Downers Grove water system. Downers Grove shall compute the charge for water in accordance with the applicable residential water rates in force in Downers Grove for unincorporated residents.
- 3. Downers Grove agrees to provide and supply potable water to the Development that is in conformance with applicable Downers Grove standards and with customary rules and regulations of the Illinois Environmental Protection Agency and the Illinois Pollution Control Board that are adhered to by Downers Grove.
- 4. Downers Grove shall perform all reasonable and customary maintenance and repairs required to keep the Downers Grove Water Main in a good working order following generally accepted principles and practices customary to its public works in general. In the event any maintenance or repairs are required, Downers Grove shall advise the residents of the Development that an interruption of water service is required.

ARTICLE III MISCELLANEOUS

- 1. The parties agree to meet and cooperate in good faith in the event any required modification or addition to this Agreement is deemed necessary. Any modification, amendment or addition must be in writing and signed by all parties. Upon the acceptance hereof and continuing well into the future, the parties agree to adhere to and implement the terms and conditions of this agreement in good faith.
- 2. The following Exhibits are hereby incorporated into and made a part of this agreement as if set out in full:

- A. Exhibit A: Plat of Annexation
- B. <u>Exhibit B</u>: Water Service Agreement
- C. <u>Group Exhibit C (C1-C6)</u>: A.McGurr, Ltd. Engineering Plans/ Civil Engineering Drawings
- 3. This Agreement may not be assigned by either party in whole or in part.
- 4. In the event one or more of the provisions contained in this Agreement should be deemed to be invalid, illegal or unenforceable in any respect, the validity, legality and enforceability of the remaining provisions shall not in any way be affected or impaired thereby.
- 5. This agreement shall be construed in accordance with the laws of the State of Illinois. The agreement shall commence upon the date set forth and shall continue in effect as long as the Development shall remain a residential development.

IN WITNESS WHEREOF, the parties have caused this agreement to be executed on their behalf by their duly authorized officers as of the date herein set forth.

VILLAGE OF DOWNERS GROVE	VILLAGE OF LISLE
By:	By:
Attest:	Attest:
Village Clerk	Village Clerk
FIRST EAGLE DEVELOPMENT, INC.	
By:	-
Attest:	_
1\agr\.06\IGAWaterSystemLisle-12-12-06	

EXHIBIT A PLAT OF ANNEXATION









CHRISTIAN ROGE & ASSOCIATES, INC.
211 WEST WACKER DRIVE
CHICAGO, ILLINOIS 60606
(312) 372-2023
FAX (312) 372-5274

First Eagle Development, Inc. 438 Pond View Lane Bartlett, Illinois 60103

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2 8/10/	OF PER VILLAGE REMEW.			
3 10/10	DE DOWNERS GROVE / LE	51 <i>E</i>		
1				
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Plat of Annexation

P.I.N. 08-11-206-013 08-02-406-007 Address 4708-4712 Wolnut Avenue Lilse, Illinois.

EXHIBIT B WATER SERVICE AGREEMENT

EXHIBIT B Pins: WATER SERVICE AGREEMENT This Agreement made and entered into this _____ day of ______, 2006, by and between the VILLAGE OF DOWNERS GROVE, an Illinois municipal corporation (hereinafter referred to as the "Village") and owner(s) of record of the property located at _____ , Illinois, (hereinafter referred to as the "Owner(s)"). WHEREAS, the Owner(s) are the owners of record of certain real estate legally described as follows: (Exhibit "1" to Water Service Agreement, attached) (PIN: __-_-) (Common Address: _____ Downers Grove, Illinois) (hereinafter referred to as the Property); WHEREAS, the Village Council has previously adopted an ordinance (Downers Grove Municipal Code, Section 25-41) establishing procedures for providing water service to areas outside the Village corporate limits which requires consent to annex to the Village of Downers Grove: WHEREAS, the Village has previously entered into an agreement entitled

WHEREAS, the Village has previously entered into an agreement entitled "Village of Downers Grove, The Village of Lisle and First Eagle Development for Water System Design, Construction, Connection and Service" with the Village of Lisle to provide water service to a specific Lisle development, commonly known as the Villas of Versailles, located at 4708 and 4712 Walnut Avenue; and whereas the Downers Grove Village Council has determined that in contravention of the established ordinance, the Village desires to enter into this water service agreement;

WHEREAS, the Property is located outside the Village of Downers Grove corporate limits;

WHEREAS, the Owner(s) desire that the Property be connected to the Village water system;

NOW, THEREFORE, in consideration of the mutual covenants, agreements, terms and conditions herein set forth, the Parties agree as follows:

- 1. The Village shall connect the Property to the Village water system upon the execution of this Agreement and the submittal of a properly executed New Water Service Permit Application;
- 2. The Owner(s) shall pay to the Village all connection charges as set out in Section 25-40(c)(1) as well as any other tap fees, connection fees, inspection fees, water system capacity charges, meter and water service charges as may be required by the Downers Grove Municipal Code, Chapter 25.
- 3. Owner(s) shall permit the Village and its officers, directors, employees, agents, contractors and subcontractors authority to enter onto the Property, including access to any structure thereon, for the purpose of undertaking any inspections, measurements, surveys, investigations, tests, observations, excavations, work, repairs, maintenance, restoration or any other activity related to the connection of the Property to the Village water system, including but not limited to, installing the water service line, the water meter, the sealing of the existing well, etc.
- 4. The Village and its agents and contractors shall perform any work hereby authorized with reasonable care, skill and diligence. Work shall be performed in such a way as to avoid harm to improvements adjacent to the work. In the event the work negatively disturbs the Owner's (s') property, the disturbed area shall be restored to the condition that existed before the disturbance thereof.
- 5. The Owner(s) on behalf of all owners and occupants of the Property waives and releases the Village from all claims pertaining to any such connection, if any, except for any potential claims regarding personal (bodily) injury or property damage.
- 6. Owner(s) agree to abide by all Village rules and regulations regarding water usage and consumption, including all ordinances, as provided for in Chapter 25 of the Downers Grove Municipal Code, as now or hereafter amended (except Section 25-40 as it relates to connection fees, as the connection fees shall be governed by this Agreement).
- 7. The Owner(s) shall enjoy the same rights and abide by the same rules and regulations with respect to water service, availability, and usage as consumers and customers outside the corporate limits of the Village.
- 8. This Agreement may only be amended by written instrument signed by both parties.
- 9. If any portion of this Agreement shall be declared invalid, the same shall not affect the validity of this Agreement as a whole, other than the part so declared invalid.

- 10. All unpaid and delinquent costs, fees and charges provided for in this Agreement and the Downers Grove Municipal Code shall constitute a lien on the Property to the extent authorized by law with respect to user charges for the connection to and water service
- 11. That should the Village of Lisle ever make water service available (i.e., adjacent to the entire frontage of the Property, the Owner(s) shall disconnect from Village's water main and service and connect to the Lisle system. In such event, all costs related to the disconnection and subsequent connection to the Lisle shall be borne by the Owner(s).
- 12. All notices hereunder shall be in writing and must be served either personally or by registered or certified mail, postage prepaid, to the following addresses or such other addresses as either party to this Agreement specify in writing to the other:

Village of Downers Grove 801 Burlington Avenue Downers Grove, Illinois 60515 Attn: Village Manager

Owner(s)_			
		_	

- 13. Except as otherwise herein provided, this Agreement shall be binding upon and inure to the benefit of the parties hereto, successor owners of record of the Property, their assigns, lessees and upon any successor municipal authority of the Village of Downers Grove. It is hereby understood and agreed that this Agreement is a covenant running with the land and is binding thereon. All persons who take title to any part of the Property shall comply with the provisions of this Agreement.
- 14. A fully executed copy of this Agreement shall be recorded in the Office of the DuPage County Recorder of by the Village Clerk upon execution and receipt of \$25.00 to cover administrative and recording fees.
- 15. This Agreement shall be enforceable in any court of competent jurisdiction by any of the parties hereto by any appropriate action at law or in equity, including, without limitation, the right of any party hereto to seek specific performance of the terms hereof. Venue for any action arising out of the terms or conditions of this Agreement shall be proper only in the Circuit Court for the Eighteenth Judicial Circuit, DuPage, Illinois. In addition to the foregoing, and not by

way of limitation, the Village shall have the right to terminate water service to the Property in the event Owner(s), their successors or assigns: fail to meet regular payment obligations with respect to the provision of water service to the Property; or otherwise breach the provisions of this Agreement.

16. Each of the parties hereto, for themselves, their successors, assigns, heirs, devisees and personal representatives, agrees that the warranties and recitals set forth in the preambles hereto are material to this Agreement, and the parties hereby confirm and admit their truth and validity and hereby incorporate such representations, warranties and recitals into this Agreement, and the same shall continue during the term of this Agreement.

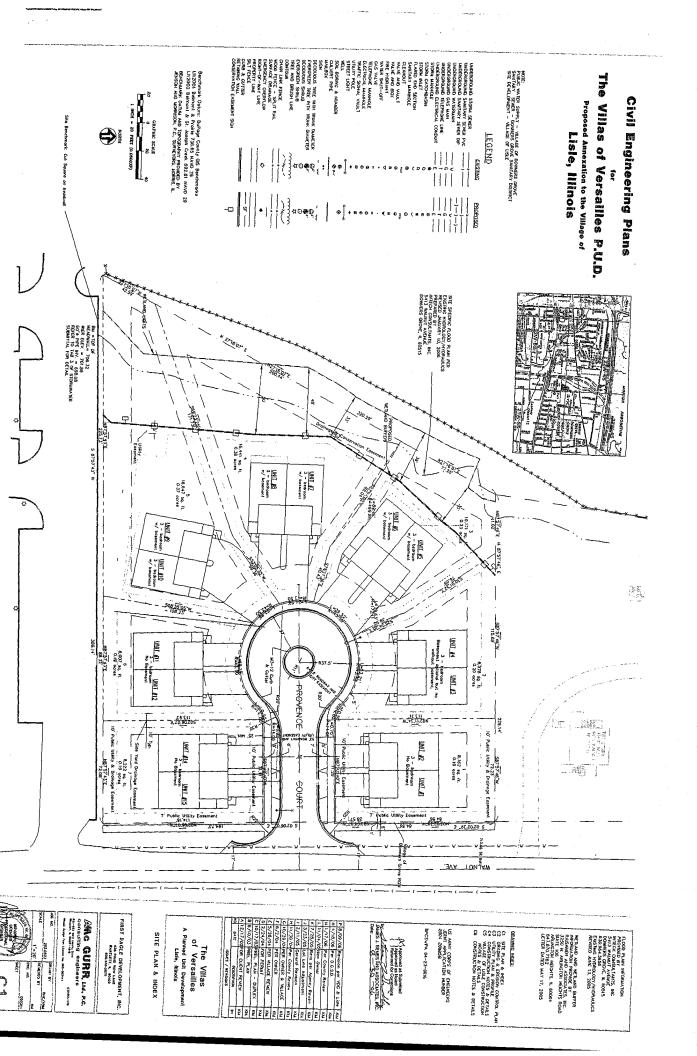
IN WITNESS WHEREOF, the PARTIES hereto have executed this Agreement as of the date first above written.

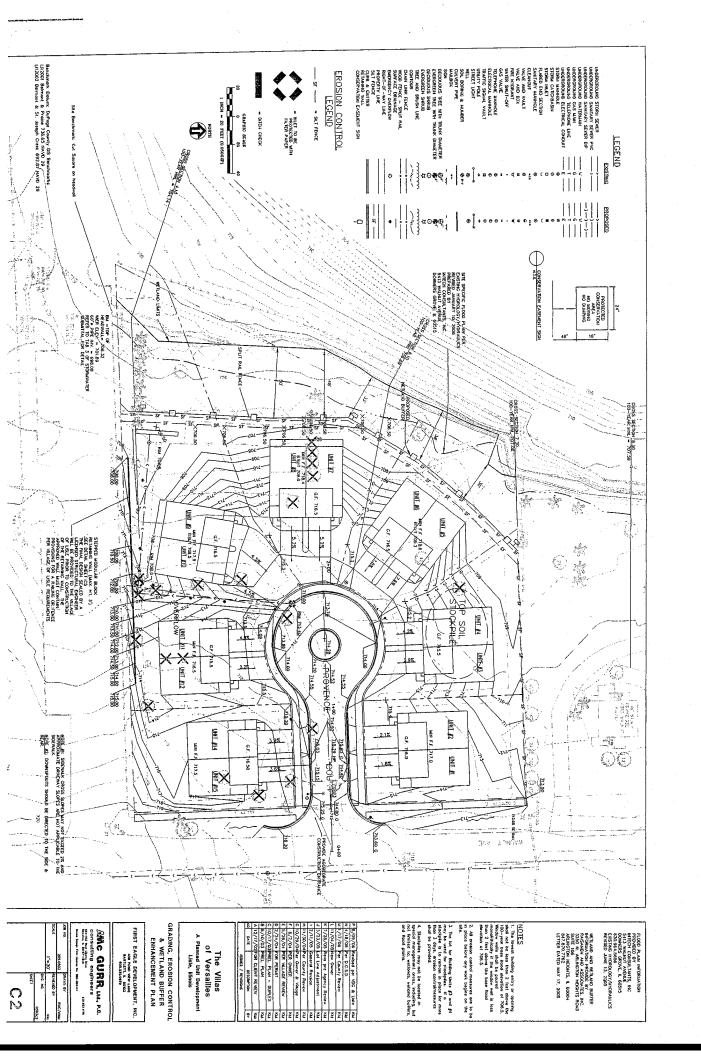
OWNER(S)	VILLAGE OF DOWNERS GROVE
Ву:	By:
•	By: Village Manager
(print name)	_
	Attest:
Ву:	_
(print name)	_
STATE OF ILLINOIS)) SS.
COUNTY OF DU PAGE)
State aforesaid, DO HEREB personally known to me to be to the foregoing instrument, person and acknowledged that their free and voluntary as	Notary Public in and for said County, in the SY CERTIFY that
	Notary Public

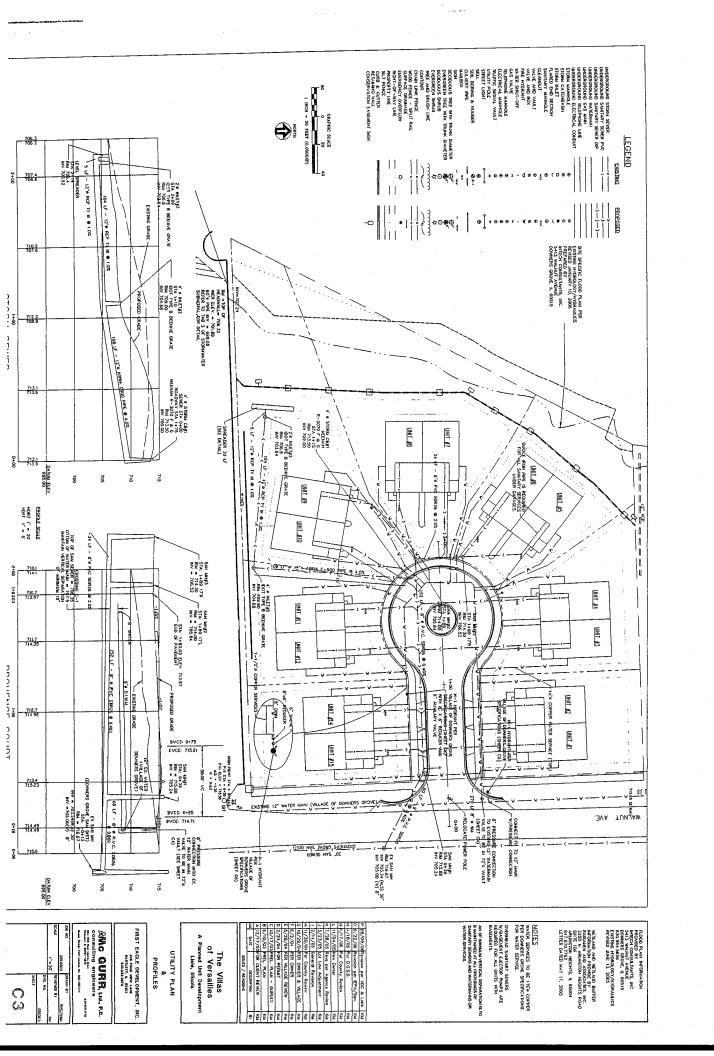
EXHIBIT "1" TO WATER SERVICE AGREEMENT (Legal Description of Property)

GROUP EXHIBIT 3 MCGURR, LTD. ENGINEERING PLANS/ CIVIL ENGINEERING DRAWINGS

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DOWNERS GROVE SANITARY DISTRICT DETAILS AND NOTES

2. The sewer contractor shall schedule with the District a pre-construction meeting prior to the start of construction. 1. Downers Grove Scattary District standards and ordinance shall authors sever construction.

 The sever contractor shall schedule with the District inspections of the sanitary sever construction 48 hours in advance of the start of construction. 4. The connection into the existing manhole shall be made by care defining the manhole and installing a rubber boot to insure a waterlight seal. The manhole bench shall also be reformed to provide a smooth flouring lover!.

6. The following pipe specification shall be used for PVC pipe with on SIR of 26, complying with ASIM 0-2241, 180 psi pressure par posh-on bell and spigot type with rubber ring seel gasket ASIM 0-3159. 5. The constructed sever shall post all District requirements for air, alignment, deflection and manhole vocume tests. These tests can not be partiarrised until 30 days after sever construction is completed.

 The owner must complete the annexation into the District and pay all fees before any submittals are made to IEPA. he following pipe specification shall be used: PVC pipe with SDR of 26, omplying with ASTM D2241, 160 PSI pressure pipe push—on bell and pigot type with rubber ring seal gastet ASTM 03139. Note that the constructed sewers must be televised under simulated w conditions. District personnel must be present during televising, seasy goaler lives 25% of the pipe diameter will be acceptable. All acceptable sags must be replaced in a manner acceptable to the strick.

"Flex Seal" non-shear couplings (with stainless steel shear ring) shall be used to connect pipes of dissimilar material or size.

SPECIFICATIONS FOR MANHOLE TESTING

Each manhole shall be tested no sooner than 30 days after mpletion of menhole construction.

No grout will be placed in the horizontal joints before testing. All pipes entering the manhole shall be plugged, taking care to accurally brace the plugs from being drawn into the manhols. . All lift holes shall be plugged with an approved non-shrink grout. head shall be placed at the inside of the top of the man and the seal inflated in accordance with the

 If the monhole fails the initial test, necessary repairs shall be made with a non-shrink grout. Relesting shall proceed until a satisfactory test is abdated. 8. All montrole testing for acceptance shall be done under the direct supervision of the test procedure by the District or its authorized representative(s). The District shall be notified by the Contractor 48-hours prior to testing. 4, ocaum of 10 instate of mercury shall be drown and the viscount to this water aloned, the line shall be measured for yearum to drop to 9 inches. The methods shall post if the line years the line file seconds for 0 feach disnester methods, 75 and for 60 min, and 90 seconds for 72-inch.

Effective Date: September 21, 1976

SPECIFICATION FOR LOW PRESSURE AIR TESTING

inter minimatum, beadings and year to ecosposes by the Datrict, all beauting years and the trace of the Regular and the property of the Control of the Contr

The air test may be dangerous if a line is improperly prepared. It is important that the various plugs be installed and brocked in such a way as to persent belocate. As a select procession, pressurating explament shall include a regulator set as 10-ps gape to avoid over-pressurating.

TESTING PREREQUISITES Prior to air testing, the following conditions shall be met:

1. All backfilling of socilary severs and appurtanences shall be completed 30

A Where sonilary sewers are being included with other underlycond networkers and utilities these all crossings less than 61 lest down the top networkers are statistically seen to that it be all the some and attain the first the statistically from the sonilary sewer and be completed price to accept for acceptance.

in experiment of tables for acceptance about he down whet the destination of the last processor by the district of it cannot be required by the Connector of however the connector of however the processor of the connector of the

B. If required, clean the pipe to be tested by flushing in a manner opproved by the District. Testing shall be done between two (2) consecutive monholes.

D. Add or slowly unit a constant pressure is reached of 4.5 p.s.g greater than the average back pressure of any ground water above the invert of that pope. The oir pressure must be regulated to prevent raide pressure treat exceeding 5 p.m.g. greater than the average back pressure of ground water. C. Flug oil pipe outlets with lest plugs and brace each plug.

F. Alter the substitution paried solent the dis present to 4.5 pris (dast controlled for ground respect, but-not the sur pulpy and glow the or present to add to 4.0 pris if this score in lest those 15 shoulder. The format is more or present to discovers the way of the 3.5 pris in the first thin 15 shoulder. The does not want to be added to 4.0 pris in this 3 pris flow days in the does to 4.0 pris million 15 millioner, the section is considered to have pleased not lest. E. When the pressure has reached 4.5 p.s.i.g. plus correction for ground water, throttle he of supply to momental the oir pressure above 4.0 p.s.i.g. (plus correction for ground water) for at least 5 minutes.

C. If the tithe in seconds for the oir pressure to drop 0.5 p.s.i.g. is greater than the fall shown that shown in the fallowing loakes, the sociator do poss the oir test. If he tither is less than that shown in the toldes, the sociation is considered to have failed the test and must be repaired and retested.

MANHOLES

Machides shall be observed during well conditions and all observed sources of infiltration shall be corrected. QUISTMENTS FOR GROUND WATER them to the sever invert (or them the ground value, at time of testing, is above the sever invert (or statement by measurements from observation risers) the lest pressure shall be increased 0.433 psi for each fact the ground value is above the invertue.

DEFLECTION TESTING PROCEDURE

All soritory severs constructed of flexible pipe (PVC) which are to be owned, operated, and mointoined by the Downers Grove Sonitory District must be rested for deflection in accordance with the following procedure:

1. All sonitary severs between manholes shall be tested for deflection. The deflection test is to be run using a rigid ball or mondrel with a diameter equal to 95% of the base diameter of the pipe being tested, as estoblished in propased ASIA ID—3034. The test shall be performed without mechanical pulling devices.

The individual times to be tested shall be so tested no sooner than 30 days after they have been installed.

5. No pipe shall exceed a deflection of 5% Wherever possible and practical, the testing shall initiate at the downstream lines and proceed towards the upstream lines.

6. Where effection is found to be in excess of 35 of the compact poet adornater, the controver shall account to the point of excess deflection and correlaily compact around the point where excess deflection was found. The time shall form har defaulted of defliction, thereon, should after the artial staffing the deflected per laid to ethin to the outputs size (deside adments) the line available or opposed size (deside adments).

All testing must be done in the presence of a District representative

SPECIFICATION FOR BUILDING SANTARY SERVICE TELEVISING

Effective Date: August 24, 2001 The entire building scattery service shall be televised from the public server to the building, including the machine top, mye or tee, the outside cleanout(s) and all service piping.

2 Prox la latrizating, likath and cleon the severa by a method acceptioble to the Obtrick Provide proporatory cleoning of the several to permit mobilizated postage of the Identifican contrat and cleon arough for the comerce to discorp statemark detects, misatignment, and points of distriction to the solistraction of the District.

 Begin each tope with the current date and the beginning foolage count superimposed on the video signal. Provide continuous loolage counter on o video recordings. Provide the District a VHS video recording of the televising. Set video corder to standard play (SP) mode.

Professionally label oil video laper showing the building address, the date, and Centractor's name.

7. All televising for occaptones shall be done under the direct supervision of the District. The Controctor snot notify the District 48 hours price to televising. Video toget shall be furned in himsefalety to the District inspector upon completion of televising. How the comeru, of a speed no greater than 30 feet yet minute and stopping of all defects and uponits of infilliration to permit proper documentation of the sever condition.

9. At public scaling, servins shall be led with stroppin depressed and caliform stope have team made and a strong team to the state of the public scaling, serving most construction. The depression and depressed for public scaling is serving in occadionce with the depression and stope shall be checked by devising in occadionce with the Schilary Buffel construction and properties requirement. Televising may be performed after the scallary service has been successfully oir tested and all outside cleanouts have been adjusted to final grade.

Effective Date: August 24, 2001 PECIFICATIONS FOR BUILDING SANTARY SERVICE AR TESTING

I. The onlike building coolings service, thall the of lested from the public served to the building including the monthhis loa, yet of the late of elementary and the service prior, if a new two probles the countries of the public server on this seating public server, in the place connections on the public server on this sides of the tops or let must obtain the orie lested, or described in them 11. Prior to testing, flush and often the severa by a method acceptable to the District. If a new wys or tee is intaided on a susting public sever, clocks the inade of all enabling pipes to allow the test plugs to properly seed during testing.

3. Isolate the building sentery service from the existing public sever by installing two dright plugs in the public sewer, by installing one or light with a void positioned at the connection between the building service connection and the public sewer, or by other method acceptable to the natural.

5. Property brace the autside cleanout cap and collar to withstand air testing. 4. Install on airtight plug on the cleanout enside the building.

Whenever the sever to be tested it submerged under ground-oller, determine the groundwoter hydrostotic pressure by a method approved by the District.

. Allow at least two minutes for air temperature to stabilize, adding air to souton the initial test pressure.) air (a the plugged sever sections under test through the deanout a sever plug until initial air pressure reaches 4.0 psig greater than any water hydrostatic pressure.

Shut off the air supply ofter stabilizing the oir temperoture and record the time a seconds using an approved stopwatch for the internal sever pressure to drop from 3.5 psig to 2.5 psig greater than any goundwater hydrostatic pressure.

10. The building scallery service shall pass if the recorded time for the allowable pressure copy angular or serveds? I muniter for a vi-inch and G-leich diameter service less than 300 feet in total tength. The minimum allowable time for larger pipe diameters or langer pipe lengths will be determined by the biddirect.

st pressure is 3.5 psi higher than groundwater pressure, but do n test cressure greater than 6 psi. wide tast apparatus that allows remote monitoring of test by the i eschekad jok jeht en iller fat et a ne wy o' te ketkled on tiday pilkt geze deld ook be de tated blikes. Undy y'this registerantis of ASIL ETIN) -90. With the separate and the separate with the separate bibliobit for given or play, or ane play this o vaid positioned of the conten, of 1,500 mices, but on more time 1, feet good or the conten, of coptake maximum or loss in 1,500 in 5 Seconds. S seconds.
S seconds.
undwater pressure, but do not

12. If the art test feight to meet these requirements, locate and repair or remove and repaire but foulty sections of sever in a monor approach by the District, as necessary to meet the allowable limits upon retesting. The sec of conjumid get redefin is not an acceptable method to cerest inallogor. $13.\ \mbox{Provide}$ and use equipment and measuring devices acceptable to the District.

VOLUMENT V WINDOWS INCH

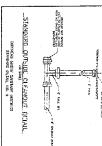
15. Air testing techniques shall be in accordance with the latest ASTA standard practice for testing sever lines by low-pressure oir test method for the appropriate pipe material. All air leating for acceptance shall be done under the direct supervision.
 The Contractor shall notify the Datrict 48 hours prior to testing. Air lesting may not be performed until the sanitory service trench has been completely backfilled.

STANDARD MANHOUS DETAIL (DVER 5 FEET) A CONTROL OF THE PROPERTY OF T Constitution and

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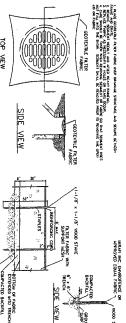
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CONSTRUCTION DETAILS

BE 31 CENTER OF STRUCTURE
BE 31 CENTER OF STRUCTURE
BE 31 CENTER OF STRUCTURE
BTUMMINGUS MASTIC BED

GEOTEXTILE FILTER



WALESS OTHERWISE HOTED, USE THE FOLLOWING FRAME'S & GHA'RES.

IN PANED AREAS HEEMAN R-1712 BYTYPE B COKER (CLOSED)

IN FORESS:

KEKNAH R-1772-A WYTYPE B COKER (CLOSED)

EAST JORDAN EQUIVALENTS ALSO MAY BE USED.

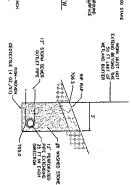
TWEEN PIPE AND CONCRETE SUPPORTS

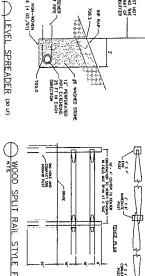
LORDAN EQUIVALENTS ALSO MAY BE USED.
COVERS SHALL BE SELF-SEALING WITH CONCEALED PICK HOLES
HAVE "WATER" CAST INTO THE COVER. PRESSURE CONNECTION

O INLET FILTER TRAP

TOP VIEW

CONTROL FENCE





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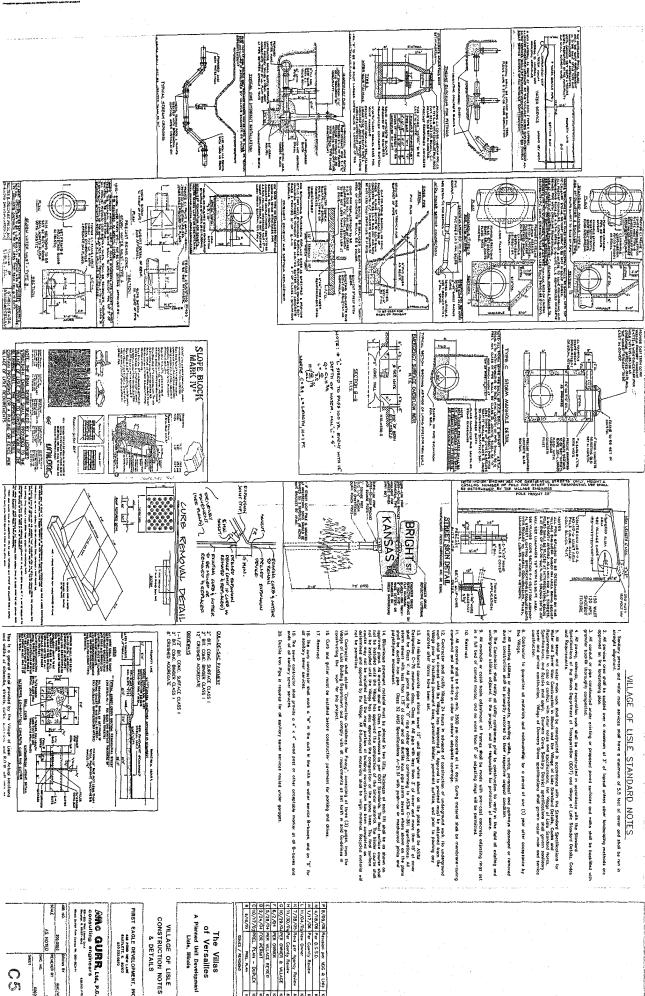
CONSTRUCTION NOTES & DETAILS

A Planned Unit Development Lisle, Illinots

of Versailles The Villas

ANC GURR, Itd., P.C. consulting engineers	FIRST EAGLE DEVELOPMENT, INC. 431 FOND VRW LARE AMPLETT, 4, 4003 430,233,0670

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This is a general detail provided by the Village of Liste: Actual locations and widths of sidewalts, streets, curbs, purkness, and R.O.M. will ware not

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FIRST EAGLE DEVELOPMENT, INC.
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4ARTICIT, R. 40003

& DETAILS

VILLAGE OF LISLE

The Villas
of Versailles
A Planned Unit Development
Liste, Hithols

WILLAGE OF DOWNERS GROVE WATER DISTRIBUTION SPECIFICATIONS

All mats, performed and motistral used in commodate with the initiation of all motions of service pipes and operates from the Vilage until self-rolling of service pipes and operates from the Vilage until self-rolling operations pipes made by a necessarial cert in a management of the an amount of the controllent of the analysis of the controllent pipes and the controllent of the controllent

At additions or revisions at the distribution syntem require submitted of plant and specifications to the Yillage for approval. Upon such approved, decuments may be deemeded to the limited Environmental Protection Agency for construction permits, as applicable.

Any work in connection with the Village water distribution system shall be done under the direction of the Department of Public Works Water Division.

SIZE OF WATER LIAINS SPECIFICATIONS FOR WATER MAIN

 Detached single family residential areas shall have a 6" minimum diameter water moin. Yater mains will be installed undor the direction of the Departmen of Public Works Water Division using the following general criteria:

3. All other land use areas shall have a 12" minimum diameter main. Residential areas other than detached single family residential breas shall have on B" minimum diameter water main.

NATER MAINS AND FITTINGS

iduars atherite authorized by the Deportment of Public Works Water Distaion, all nuter moiors shall be boarded on the narch shall not the east—west streets, and the west set of the north—would streets. All moons shall be located 12 from the property line whether possible. DUCTLE IRON WATER MAIN

All enter moints shall be decitie fron pipe, meeting the requirements poul. A.A. Send-Goldon 231-J./Willin Send-Goldon (151), with A.S.A. Specification A21-J./Willin Specification Comment lines, and with purple page 1, and 1 conferring to A.S. specification A21-II/WWW. purple page 1, and 1 conferring to A.S. specification A21-II/WWW. purple page 1, and 1 conferring to A.S. specification A21-II/WWW. purple page 1, and 1 conferring to A.S. specification C11. The theorems does not be written from pre-shall be close 52.

The trach width stall not exceed that specified in Section 20–203/20-20-4 in the Standard Specifications for Water and Sever than Construction in Illinois. The trained shall be solving sade with sufficient applit to provide a minimum of 5 or cours one the water man. and of minimum in ready construction and the an occardance with 50% recollections on many that the sufficient water than 50% recollections on many the sufficient section of the sufficiency of the

All water mains shall be installed without granular or concrete cradics. Although bell holes are not required, the trench bottom shall be accorded and shaped such that the pipe is uniformly supported over its entire length.

All haddlings sholl be done to occardance with Section 20-22; through 20-3 of the Sourcest's Sections or to vertice and Server was characteristic means that the section of the section of

DEPTH OF PIPE COVER

all piece shall be list to a minimum depth as shown on the pland of most back of facilities a stabilities of excellential or and most back of the sports of the piece between depth spot he goods in the power shipled to make plant to according to the power sport of the power sport of the power sport of the power sport of the power of the plant. Maximum depth of water makes and in grows above on the plant, Maximum depth of water makes and in grows above on the plant, Maximum depth of water facilities of the power (1) feet thouse otherwise approved by the Opportment of Pupilic World Wolfar Distinct.

At the end of each work day, the end of the newly installed water main shall be protected and the excavation backfilled. No excavation shall be left open overnight. All accorded material shall be placed in a manner that will not endanger workers and will avoid obstructing the streets and sidewishe. Excoordings shall follow the Standord Specifications for trater and Sever Judin Construction in Illinois Sec. 20—2.11. PILING EXCAVATED MATERIAL

The control or that couply this at test and feeter shifty control or a test of the feet of the feeter of the feeter country law Solity (Slookets) (even the 128), of applicable position and republicate of the Conception Solify and feet the money of the test of the feeter of feeter of the feeter of EXCAVATION WORK AND CONSTRUCTION SAFETY

A traches and geomotions required Care is bookill or designated by the traches of the contraction as shows and the bookilled with Type A selected growing bookill, which is commonly from as £Co-Europea store or crushed growt. No sorders or sind and ground bookill instance and the observed.

Selected granular backful shall be furnished for backfilling to the full width of the tranch. Backfill shall be compacted by lamping, jetting and water sooking such that no future settlement occurs.

MECHANICAL FITTINGS/STAINLESS STEEL NUTS AND BOLTS

Fittings shall conform to AHS/AWMA C110/A21.10 or AHS/AWWA C153/A21.51 (compact fittings). The joints shall be either mechanical or push-on conforming to AHS/AWWA-C111/A21.11 for nubber-gasket joints.

Lack-bandle plant releaser glevote shall be ureed at every mechanical part or valve to (futurally whate man, Lack-bandle) plant 1 raid-or-gleness shall be readige cellion design (EBQA, May-cu-lug or opproved equal). Marked what be no less than yaped. 80–3–21 (9 and shall comply with all opplicable provisions of AWWA/AMSI CTIY/22.11 and CTSJ/22.2.3.

 ΔH fittings shall be installed with stainless steel nuts and bolts be in accordance with the following:

2. Nuts: ASTM - 4276 - Type 304 00-s - 763 Closs 304 - ASI-304 1. Bolis: ASTM - A276 - Type 316 Q0-5 - 763 Class 316 - AISI-316

HRUST RESTRAINT

where type throat restraints shall be used of all hydratis, plays, cook, least allows, and fillings. Termad accorde trust restricted that the best accorded to the trust of the trust which plays and the trust which plays and the trust which plays are dumps all not be diseased, should, should be diseased, should be diseased to charter it would be diseased. From the charter it will be diseased to the trust which plays are diseased and the diseased to the diseased that the diseased the diseased that the diseased the diseased the diseased the diseased that the disea

VALVES

Woler main values shall meet all of the requirements of the following standards:

Resilient Wedge Volves - AWWA C509

All volves shall be in 72-inc diameter vaults Epoxy coated with all stainless steel balts Gate Valves for Pressure Tapping - AWNA C500

views mids how the norm, monogom, or nilidar of the multiplier cost hierarch. The Controller sold submit is the patients of 9 hobis; Worst Wider Disharch the Manufacturer's selficiplient for the cybest higher hierarch is use on example project, wasts shall be fundated with methanical joint a conforming to y_NWM-Chil /2(21). All tapping views shall conforming to y_NWM-Chil /2(21). All tapping views shall conforming to y_NWM-Chil /2(21) all tapping views and or approved by the patients of habis; West's Your Disharch.

where the value modes (2" is described or larger bail to stallant wadge polic values and saided in a G demarker (pie A void with a stalland goor section, Walves for value moons (1" or downster downster (pie A void with a charger) gate values and in the stallands conn section, Portague (supprint parts wad "Natifice section to the plant of the stalland property of the value wad "Natifice section to the day of the charger wad ("Natifice section to the day of the stalland property of the stalland property wad for the stalland property of the st

FIRE HYDRANTS

Free hydrout shall be finiterous Pear Madel WB-67 with a 5-1/4" view passing, two (2) 2-1/2" near masters, and one (4) 4-1/2" incer masters, and one (4) 4-1/2" house matters are considered with failcoal Standard Threads and operating parts. All contracting page before fininger and the metahnical parts of hydrout shall be presided with physiciathous high gloss seamed, 2" 1-3/3 (Solity, plants).

Each hydron shoul excepted is a "auxiliary ratifient ready optic year, AMAN CADO-BO. O." where with O to 6 bear, a when but obspice sent, and come moress." WATEP. All auxiliary when the hydron. Constantion of the hydron and country was turn the hydron. Constantion of the hydron and country was turn assembly sent the mode with o. 6" domestic ducties from value main, assembly sent the mode with o. 6" domestic ducties from value main, assembly sent the mode with a first year or auxiliary country as as any advantage of the country of the constantion of the casembly from the test on the hydron shall be an exceptionary with the alternate hydronic details.

Hydranis shall be set journly, with the notate and stanner connection following the rousely, set and least that 10° nor move than 30° down finished grode. Hydranis shall be located and least than 3° or not move than 40° debte the cut on improved stress and not less than 60° or movement as which the standard of the standard or movement as which the dept of the standard or movement as the standard or the standard than other to the standard or t

All mater makes or or wheat excitor of a start made had be backleded. The water made which the is subjected to a hybraderical posturior of 150 ppi gauged bases on the elevation of the presidence of the presidence of the start page for both presidence of the start page for both presidence of the start from 100 plants. Any crossed are detective page (at the start page of TESTING AND INSPECTION

HANN SIZE 1.10/gotions/hr/1000 of man 0.92 0.74 0.55 ALLOWABLE LEAKAGE

Allowable leakage for main sizes greater than 12" shall be determined by the Water Manager.

TESTING FIRE LINES

HAIR SIZE ALLOWABLE LEAKAGE

1.28/gallons/hz/1000° of main 1.06 0.85 0.64

Allowable leakage for main sizes greater than 12" determined by the Water Manager.

CHLORIHATION

p. Prior to chlormation, of dirt and foreign motorial shall be removed from the main, or any valved section, by a thorough fluxing through the hydronis, or by other approved methods.

of what from the presents also of the value or other source of source and the continued to fine very partary into this event more acting the application of obtained. The role of abudies oper-notine market fine whole has it auch proportions to the role of the very many parts and the role of the role of the very many parts have a choice related at our states of the part many parts have a choice related at our states of the role of the r

It is the responsibility of the chlorencion, company is collect and deleted with a complete. Sense must be taken for call filled the formal set and the control of the call filled the formal collection of the call filled the call filled the call formal formal filled filled where must deposit a granted by the Department in Public Works water Division kinneyer.

 All samples from new voter main extensions must be taken from a copper whip. g. Chlorination of the woter main shall be witnessed by the Department of Public Works Water Division.

FINAL INSPECTION OF WATER MAIN EXTENSION

GENERAL Prior to final mapscallon, the diveloper or contractor shall set that all water appurtaneous are adjusted to grade and early visible, fires (1) arr-buil dowings shall be furnished to the disportment of Public West; foliar for Dission below failed acceptions by the waters, the drawings shall endude the location of all main line where. WATER SERVICE CONNECTIONS

Water service connections shall not be test than 1' in dismeter on shall constal of installing one enter served pipe per mater connection; a desposation stop, a 45 depair served, a round exp springhole site material was all 11's descend and an exercision design of lock-test benefit was all 11's descend and an exercision and service on an the Standard Specifications for Youter and Server it was Constitution in Blooks.

For all water service connections that exceed 1°, the contractor shall supply ductile ran topping saddle for water (1,5°) or (2,0°) outlet and grade 20 gaskst. A * water main shall require a ductile iron tapping saddle for all service connections.

All for line settions shall be boddlind upon impaction and are adhered to a hydraulic pressure of 200 psi popular based on the elevation of the lovest joint in the line or section under the and corrected to the secution of the test page for both pressure provided to the secution of the test pages for both pressure cology shall be or joints.

The water moin or any valved section shall be chlorinated only offer the results of the hydrostatic tests are scaledorary to the Department of Pablic Works Water Division, and the valved section has been flushed. The Rapid photose gap mature method of AWN Specification CSS) and as stated hereinafter shall be followed:

b. A chlorine gas—water mixture shall be applied by means of a solution-lead charmoting device, or if approved, the gas shall be led directly from a chlorine cylinder equipped for diffusion of the gas within the pipe.

In the perfuence point of application of the chiracoline ground state be brought a composition slop secret do some the neterocated use of the piper at the beamoning of the pipe lake extension of any velocity assistant to be pipered in service. The vector individual delivering the operanded making mind the piper shall be supplied by o top on the preturner side of a over-controlling the flow an in the part to a character, and the corporation application shall not be used as a service connection.

a. Following the charinolism, oil frested water shall be thoroughly flushed from the new section of mone. Samples shall be calested for beletifological analysis on two successive days from various points on the raw parties of the system under the approximation of the Department of Public Works Wolfer Division.

f. Fire hydrants are not acceptable as sample points.

The confociol or developer shall contact the Department of Public Works Water Division when all voter mode extensions or completed Works Water Division when all voter mode extensions to set up to final impaction for Village acceptance and future mentanance of the extension.

A superal water service shall be provided to each privately owned residential bushing or ownercook bushings or commerced bushings. All safes services shall be at least 10° apart in separate treather. Econ water services shall be at least 10° apart in separate treather. Econ water services that supply one matter. Sub-mattering at the water service is the responsibility of the property awar.

All water service connections shall consist of (1.0°), (1.5°) or (2.0°) diameter type K (3oti) capper tubing meeting specifications for underground service conforming to ASIL Be 586 and B-251. The pape shall be marked with manufacturers name or trade mark.

Any water service over 100' in length and 1-1/2" to 2" in diameter shall be type K copper. PVC SDR9 200 ps; may be used as an alternate.

Actual Outside (inches) Wolf Thickness Approx. Wt. (inches) (Pounds per Ft)

Any damage to an existing water service will require repairs which conform and upgrade the service to meet current Water Distribution Specifications. WATER SERVICE INSTALLATION

Vigote service connections ower 2 in decrete shall be ducife two pipe water main and self-confly with all specifications for value mover, injury, values, value values, and appartitionnesses. Jul lago appared appare

he ground court court for shift enough of the world variety shed be not less than fine (5) feet and on once them search (5) feet, and once them search (5) feet, and once them search (5) feet, and once them search (5) feet, as expected and the depotement of Jacks (6) feet to show the collection of the search (6) feet to show the collection of the search (6) feet to show the search (6) feet to

All water services shall extend perpendicular from the water main. The water service shall be load in the most direct and practical line from the water main to the building and shall not be loid porollel to the center of the street.

All wother services ** or larger shall be personnelled and observation is equipped for eater man. Such hydroxicallic last shall be entirested by the Department of Public Worth Water Distance to entire training used to demonstic purposes and fire protection ** in water services used to demonstic purposes and fire protection ** in admenter or larger shall be goat chlorining allow satisfactory results of the hydroxicitic lists.

shames and streets is satisfied tennath scienting readings, statement and streets and streets and streets and streets and streets and streets and streets, streets, and/or division, and streets and streets, and streets, and streets are street, and streets, streets, and streets are streets, and streets are streets and streets and streets are streets as the street streets as the street streets are streets, and streets are streets are streets as the street streets are streets, and streets are streets are streets and streets, and streets are streets are streets and streets are streets are streets and streets are streets are streets and streets are streets are streets are streets are streets and streets are streets are streets are streets and streets are streets a

WATER SERVICES/SEPTIC FIELDS y meter stelds that create som any sewer or does till must so maknish on 15 "watche seprotiss for so distance of 00 som and the stell service of the source of the sep-sist be replaced with compacted governor secolation or got one of the replaced with compacted governor secolation or got one second to the second of the the second of the second of the second of the second of the the second of the second of the second of the second of the the second of the second of the second of the second of the the second of the second of the second of the second of the the second of the second of the second of the second of the the second of the second of the second of the second of the the second of the second

A water service must how a 25' separation from any field system. The charge County has the dispositional may good a variance. This will done a revice to be what to go a reptile system if the services in service to be what to an early of a county of the cause of the county continuation from nations in all for cause. FITTINGS

All fides previous connections on oils strate stituting are to be compression type and the first proposed and small be acceptanted by toping the under made with an appropriate organization to the strategy of the compression of the strategy of the strateg

If for some respon a direct two can ned be made than a full attacks as that deser must be used. Between the state statement and be a life, of 12 in length.

The controler half record the location of each bufful box in residue to the meast corner fol line, and the day in relation to the meast for hyporal. The copyer for life in the record shall be find to the statement of the Model of the day provide find supportion. No B-Dox and be should not of three tops of the statement. No spiless of any kind will be allowed in the water service line from the copposition stop to the roundings key stop. There shall be no spilese from the coundary key stop to the water service, mater unless specifically authorized by the Department of Public Works water Straton.

When only a value strake line and maker shall be installed, the location of the line and maker shall be shown and dimensionable the plot of survey and on the building plots. The applicant shall by for the applicable value survey less at the time of payment for Building and/or Public Works parmit. METERS

All water meters will be allowed or installed only in heated areas Water meter devices as supplied by the Village Of Downers Grove are the only meters approved for Village metering uses.h

all new construction state how a 1/2" this wall pipe, from the meter to an estate well for the remote reader wire. Matter shall be installed within five (5) feet of the service pipe entering the structure. Remote reading penses (MIN) shall be reliabled on the cutting of the building are costs as proclicate to the meter of a location of oppored by the Experiment of Police Waster where Demonstrate.

All meters 2" and less in diameter shall be installed by the Department of Public Works Water Division. Woler services shall be installed so that all meters shall be centered 15" obove the floor and spaced from the autside wall follows:

3/4" meter spans shoff be 5" from outside wall

1" meter spans shall be 6" from outside wall

- 1-1/2" meter spans shall be 7" from outside wall

- 2" meter spuns shall be 8" from outside wall

The length of spon between the water service and interior system of the building shall be as follows:

Distance from the outside wall for 3" or larger meter spans shall be as directed by the Department of Public Works Water Division.

- 1" meter span, 15-1/2" face to face 3/4" meter spon. 12-1/2" face to face

- 1-1/2" meter span, 22-3/4" face to face

- 2" meter span, 26-3/4" face to face

3" meter span, 17" face to face

No meter shall be installed under any window, doorway, patio, stakway, perch ol any kind, or in crowl space tess than 4' in height. 4" meter span, 20" face to face

Threaded waws of an opproved type abod be installed on both plate of the meter spans. The threaded valve on the service side of the meter dhall be the same size on the morning service dometer. All Richard sellow the more must be broade or boxes and the threaded connectation. Copper service or galaxies plates will not be deleved and or the morn maken.

If the naw water service is ougared under existing powerent or on-utilities, the contractor shall electronically verify the depth of the new votes service. The contents or develope that contact the Department of Public Works What Public when oil water service settlements. Or public complete and insighted, in conformance with specifications, to set of the statisticities where the test of the statisticities where the test that sharefully of the statisticities are developed to contractic shall see that of white oppuritements are objected to grue and deeply whether INSPECTION OF WATER SERVICE INSTALLATION

A Planned Unit Development Liste, Illinois of Versailles The Villas

CONSTRUCTION NOTES

FIRST EAGLE DEVELOPMENT, INC.
438 POMD WEW LASS
BASTLETT & BOIDS
BEST, SEASON

AMC GURR, Ltd., P.C. Firm Untaes his 060-002444 430,445 1170

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