



EST. 1960

Willowbrook

835 Midway Drive
Willowbrook, IL 60527-5549

Phone: (630) 323-8215 Fax: (630) 323-0787 www.willowbrookil.org

AGENDA

REGULAR MEETING OF THE PARKS AND RECREATION COMMISSION OF THE VILLAGE OF WILLOWBROOK TO BE HELD ON TUESDAY, AUGUST 2, 2016, AT 7:00 P.M. AT THE VILLAGE HALL, 835 MIDWAY DRIVE, IN THE VILLAGE OF WILLOWBROOK, DUPAGE COUNTY, ILLINOIS.

1. CALL TO ORDER
2. ROLL CALL
3. APPROVAL OF MINUTES:
 - a) July 5, 2016 Regular Meeting of the Parks & Recreation Commission
4. DISCUSSION – Lake Hinsdale Park Renovation Project, Review of Revised Design
5. DISCUSSION – Purchase of a Public Address System
6. DISCUSSION – Special Event Updates / Planning:
 - a) Touch-A-Truck, Willow Commons Center, July 8, 2016
 - b) Movie Night in the Park, Community Park, July 15, 2016
 - c) Children's Holiday Party, HSHS, December 11, 2016
7. VISITOR'S BUSINESS – Public comment is limited to three (3) minutes per person
8. COMMUNICATIONS
9. ADJOURNMENT

Mayor

Frank A. Trilla

Village Clerk

Leroy R. Hansen

Village Trustees

Sue Berglund

Umberto Davi

Terrence Kelly

Michael Mistele

Gayle Neal

Paul Oggerino

Village Administrator

Tim Halik

Chief of Police

Mark Shelton



Proud Member of the
Illinois Route 66 Scenic Byway

MINUTES OF THE REGULAR MEETING OF THE PARKS AND RECREATION COMMISSION
HELD ON TUESDAY, JULY 5, 2016, AT THE VILLAGE HALL, 835 MIDWAY DRIVE,
WILLOWBROOK, DUPAGE COUNTY, ILLINOIS

1. CALL TO ORDER

Chairman Cobb called the meeting to order at the hour of 7:01 p.m.

2. ROLL CALL

Those present at roll call were Chairman Richard Cobb, Commissioners Ron Kanaverskis, Laurie Landsman, Rene Schuurman, and Doug Stetina.

ABSENT: Commissioners Lorraine Grimsby and Carol Lazarski, and at time of Roll Call –
Commissioner Rob Pionke

Also present were Village Trustee Sue Berglund and Temporary Interim Superintendent of Parks and Recreation John Fenske.

A QUORUM WAS DECLARED

3. APPROVAL OF MINUTES – JUNE 7, 2016

The Commission reviewed the June 7, 2016 minutes.

MOTION: A Motion was made by Commissioner Stetina and seconded by Commissioner Schuurman to approve the June 7, 2016 minutes as presented.

ROLL CALL VOTE: AYES: Chairman Cobb, Commissioners Kanaverskis, Landsman, Schuurman, and Stetina. NAYS: None. ABSENT: Commissioners Grimsby, Lazarski, and Pionke.

MOTION DECLARED CARRIED

*** NOTE: Commissioner Pionke arrived at 7:05 p.m.

4. DISCUSSION – LAKE HINSDALE PARK RENOVATION PROJECT, REVIEW OF CONCEPTUAL DESIGNS

Todd Stanton from Design Perspectives gave a presentation on two different concepts to renovate Lake Hinsdale Park. Both consisted of a walking path, benches, playground equipment, and components for garden plots. The second concept includes the addition of a shade structure. The estimated costs for the first concept is just under \$65,000.

After discussion, the consensus of the Commission was to forward the first concept to the Village Board for approval.

5. DISCUSSION – WILLOW POND PARK VETERAN’S MEMORIAL, PROPOSED LANDSCAPE IMPROVEMENTS

Interim Superintendent Fenske related that an evaluation was completed for landscape improvements around the Veterans’ Memorial at Willow Pond Park. The proposal submitted by Hinsdale Nurseries, including labor and materials, is \$4,575. The commissioners suggested that a different plant be used instead of the barberry plants be replaced with something that does not have thorns.

6. DISCUSSION – SPECIAL EVENT UPDATES/PLANNING:

- a. Fishing Derby, Willow Pond Park, June 25, 2016

Interim Superintendent Fenske advised that there were 22 children registered and 14 attended. The most fish caught by one child was 20. The largest fish caught was 6 ½”.

- b. Touch-A-Truck, Willow Commons Center, July 8, 2016

Interim Superintendent Fenske reminded the Commissioners that this event will be this coming Friday.

- c. Movie Night in the Park, Community Park, July 15, 2016

Interim Superintendent Fenske stated that the movie will be the Minions. Chick-fil-A is sponsoring the event and will be providing refreshments. Flyers have been posted in their store and also distributed to children during softball games.

7. VISITOR’S BUSINESS

None presented.

8. COMMUNICATIONS

Commissioner Stetina provided information for a magician for the Christmas party.

Interim Superintendent Fenske advised that he had received a thank you letter from the Children’s Organ Transplant Association for the donation from the 5K race.

Interim Superintendent Fenske stated that he received an email from the Burr Ridge Park District asking for when the 2017 5K Race will be held. Commissioner Schuurman related that he will check dates for surrounding area races and forward information to the members.

9. ADJOURNMENT

MOTION: Made by Commissioner Stetina, seconded by Commissioner Pionke to adjourn the meeting at the hour of 8:20 p.m.

ROLL CALL VOTE: AYES: Chairman Cobb, Commissioners Kanaverskis, Landsman, Pionke, Schuurman, and Stetina. NAYS: None. ABSENT: Commissioners Grimsby and Lazarski.

UNANIMOUS VOICE VOTE

MOTION DECLARED CARRIED

PRESENTED, READ and APPROVED,

August 2, 2016

Chairman

Minutes transcribed by Executive Secretary Cindy Stuchl.

PARKS & RECREATION COMMISSION MEETING

AGENDA ITEM SUMMARY SHEET

AGENDA ITEM DESCRIPTION

**DISCUSSION – Lake Hinsdale Park Renovation Project,
Review of Revised Design**

COMMISSION REVIEW

- Report
 Discussion
 Seeking Feedback

Meeting Date:

August 2, 2016

BACKGROUND

At the July 7th meeting of the Parks & Recreation Commission, Mr. Tod Stanton from Design Perspectives presented two (2) available design options for completing a redevelopment of Lake Hinsdale Park. After review and discussion, the Commission agreed on the Option 1 design with several suggested plan changes. In addition, it was recommended that a potential 12'x12' shelter structure be bid as an alternate. The plan has since been revised (see attached) and representatives from Design Perspectives will be in attendance at the August 2nd meeting to review the changes and distribute copies of the draft Project Manual which will be used for bidding purposes. Once this project is approved by the Parks Commission it will be put out to public bid. The bid results will be shared with the Commission before the project is brought before the Village Board to consider awarding a contract to a vendor. Once a contract is awarded, and all license and bonding requirements are met, a Notice to Proceed will be issued. The project is scheduled to be completed by this fall.

REQUEST FOR FEEDBACK

The estimated base project total is now \$77,320. The bid alternate (i.e., shelter structure addition) is estimated at \$14,660. Therefore, if project bids come in as expected, and the bid alternate is accepted, the total construction cost would be \$91,980, which does not include project design costs. The Village's FY 2016/17 Budget includes the following funding for this project:

- General Fund Budget: \$56,189 (remainder of \$60,000 DCEO grant, that was suspended)
- ComEd Green Region Grant: \$10,000 (obtained in 2015)
- SRA Funding: (amount undetermined at this time. Funds may be used for project ADA expenses.)

The funding sources identified above should be sufficient to cover the base project total, if bids come in as expected. However, bids would need to come in lower than expected to enable the acceptance of the bid alternate (i.e., shelter structure) without exceeding the project budget.

STAFF RECOMMENDATION

Staff recommends that the Commission approve the project bid package so that we may go out to public bid to determine the actual construction cost of this project.



MEMO

To: Tim Halik,
Village of Willowbrook

From: Tod Stanton
Design Perspectives, Inc.

Date: July 7, 2016

RE: Lake Hinsdale Park Changes

Tim,

I attended the Park & Recreation Commission meeting on Tuesday evening as requested. There were several requested changes that have been accommodated in the updated site plan. They include;

- The preferred direction in terms of the playground equipment is Option 1
- The garden plots were moved and rotated due to sunlight requirements
- The ADA garden plots are elevated up to 33" and are within the parallel guidelines of 24" reach to the center
- An additional picnic table was added
- The shade structure is 12' square and will be bid as an alternate
- 2 concrete pads are added along the trail for future bench placement

Any comments or questions, please contact me at 630-428-3134.

Thank you,
Tod



Lake Hinsdale Park Site Plan				Date prepared: 7/8/2016
BUDGET/COST ALLOWANCE				
Description	Quantity	Unit	Unit Price	Total Cost
A. SITE ELEMENTS				
GRADING & DRAINAGE				
Grading	1	LS	\$ 12,500.00	\$ 12,500
Drainage (Pipe for Playground)	1	LS	\$ 1,500.00	\$ 1,500
French Drain (For Playground Drainage)	1	LS	\$ 2,500.00	\$ 2,500
			Grading Total	\$ 16,500
PAVING				
Limestone Path	270	SY	\$ 28.00	\$ 7,560
Concrete Paving	850	SF	\$ 9.00	\$ 7,650
Trench Edge for Existing Playground Area	1	LS	\$ 1,500.00	\$ 1,500
Furnish & Install Concrete Curb (New Playground Equipment Piece Only)	140	LF	\$ 24.00	\$ 3,360
			Paving Construction Total	\$ 20,070
PLAYGROUND CONSTRUCTION				
Furnish & Install 2-12 Play Structure (Option 1)	1	LS	\$ 21,000.00	\$ 21,000
Safety Surface (Existing Playground Area)	35	CY	\$ 35.00	\$ 1,225
Safety Surface (New Playground Equipment Piece Only)	55	CY	\$ 35.00	\$ 1,925
			Playground Construction Total	\$ 24,150
SITE FURNISHINGS				
Furnish & Install Litter Can	1	EA	\$ 600.00	\$ 600
Furnish & Install Bench	1	EA	\$ 1,000.00	\$ 1,000
			Site Furnishings Total	\$ 1,600
GARDEN PLOTS				
ADA Plots	1	EA	\$ 1,500.00	\$ 1,500
Composting Bin	1	EA	\$ 500.00	\$ 500
Furnish & Install Water Line & Spigot	1	LS	\$ 3,500.00	\$ 3,500
			Garden Plots Total	\$ 5,500
LANDSCAPE RESTORATION				
Seed & Blanket	10,000	SF	\$ 0.45	\$ 4,500
			Landscape Construction Total	\$ 4,500
Contingency				\$ 5,000
Base Project Total				\$ 77,320.00
ADD ALTERNATE - SHADE STRUCTURE CONSTRUCTION				
Concrete Paving	240	SF	\$ 9.00	\$ 2,160
Concrete Footing	1	LS	\$ 800.00	\$ 800
Furnish & Install Shade Structure	1	EA	\$ 9,000.00	\$ 9,000
Furnish & Install Picnic Table	1	EA	\$ 1,200.00	\$ 1,200
Furnish & Install Picnic ADA Table	1	EA	\$ 1,500.00	\$ 1,500
			Add Alternate Total	\$ 14,660.00
PROJECT CONSTRUCTION TOTAL				\$ 91,980.00

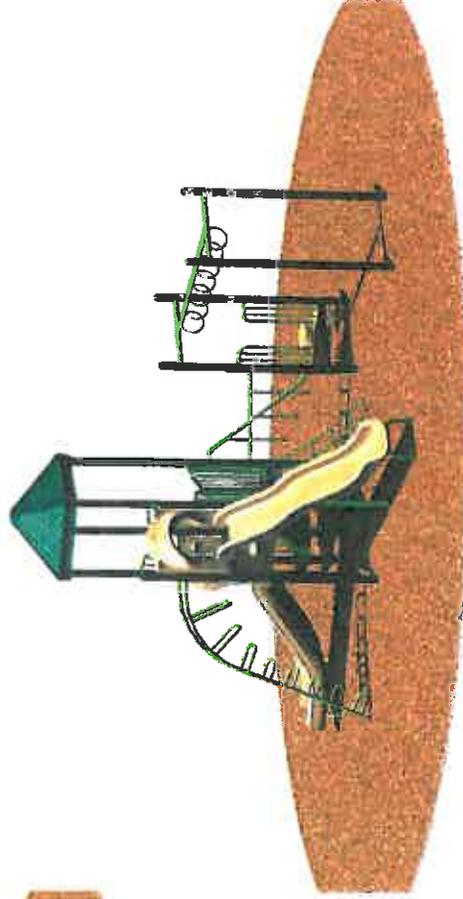
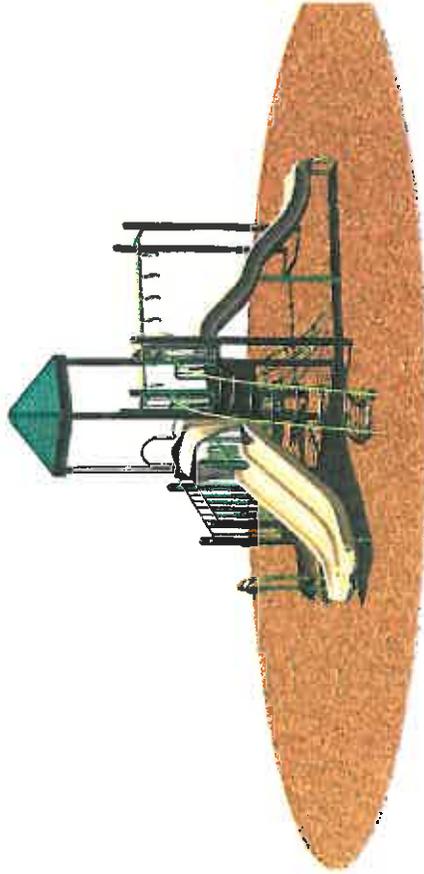
RECEIVED

JUL -8 2016

VILLAGE OF
WILLOWBROOK

Lake Hinsdale Park Improvements

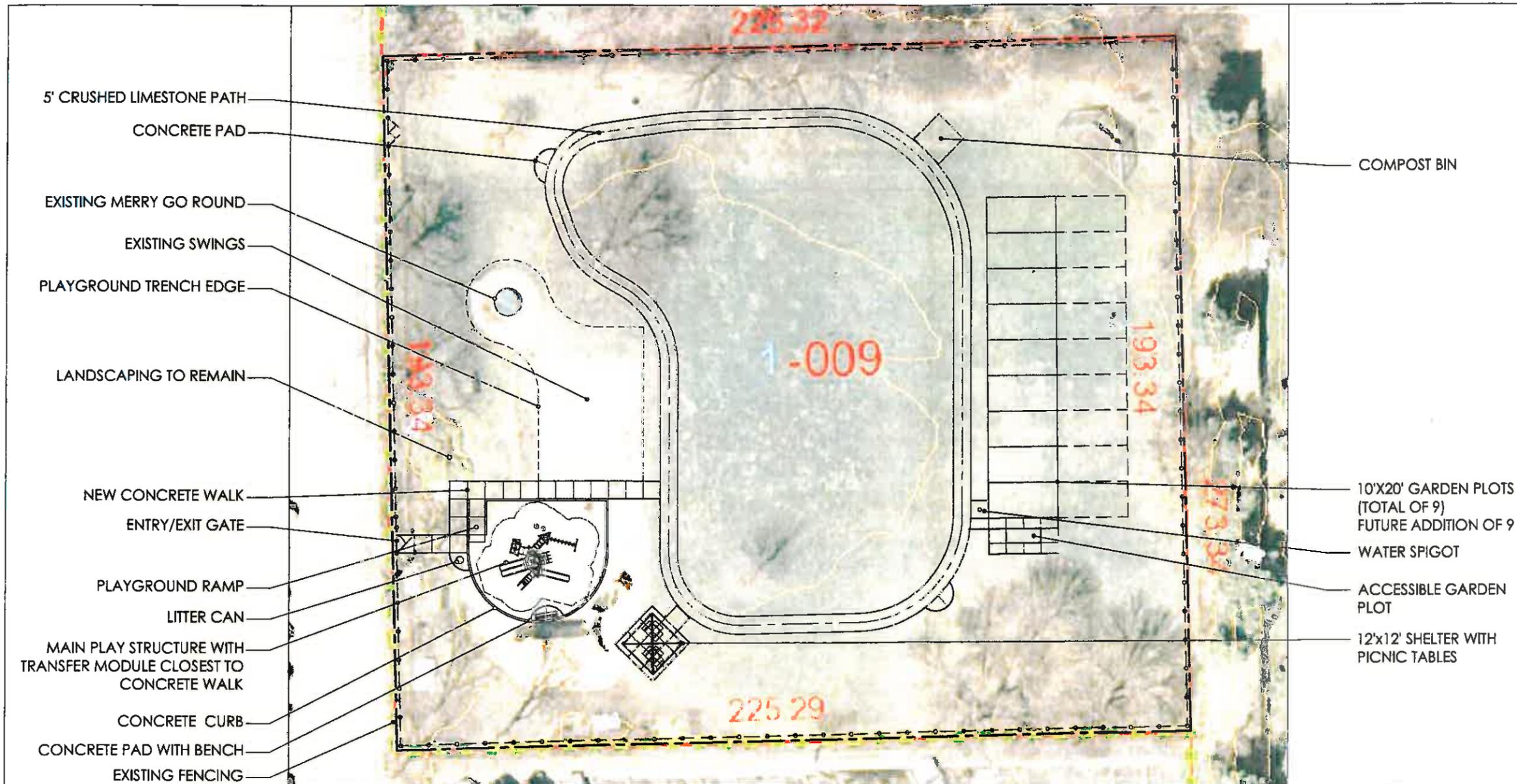
Willowbrook, IL



Option 1: Equipment Cost \$14,269.00

Lake Hinsdale Park - Playground Improvements

Site Plan

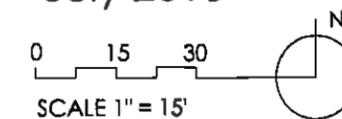


Prepared for: The Village of Willowbrook
Willowbrook, Illinois

DP Design Perspectives, Inc.
Grounded in Creativity
1280 Iniquis Avenue
Suite 110
Naperville, Illinois 60563
www.design-perspectives.net

DRAFT

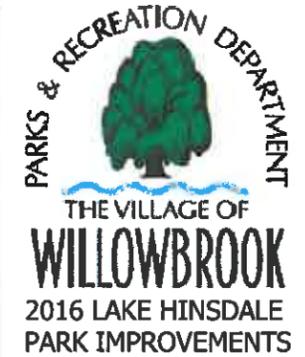
July 2016



LAKE HINSDALE PARK IMPROVEMENTS - DRAFT

2016 Lake Hinsdale Park Improvements

July 28, 2016



1280 Iroquois Avenue
Suite 110
Naperville, Illinois 60563
Telephone: (630) 428-3134
Fax: (630) 428-3159
www.design-perspectives.net

In Association With

REV.	COMMENT	DATE

SEAL:

RECEIVED
JUL 28 2016
VILLAGE OF
WILLOWBROOK

DATE: 07/28/2016
JOB NO.:
DRAWN BY: CAW
CHECKED BY: TS

DRAWING TITLE:
COVER SHEET

SHEET NO.:
G-000

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INDEX OF DRAWINGS:

SHEET NO.	SHEET TITLE
G-000	COVER SHEET
LG-100	GRADING PLAN
LS-100	SITE PLAN
LS-101	LAYOUT PLAN
LS-500	CONSTRUCTION DETAILS
LP-100	PLANTING PLAN
LP-500	PLANTING DETAILS

GENERAL NOTES:

- HIGHLY VISIBLE BARRIER FENCING SHALL BE INSTALLED AROUND EXISTING TREES ADJACENT TO PROPOSED IMPROVEMENTS AS DIRECTED BY THE PROJECT MANAGER.
- CONSTRUCTION ACCESS TO AND FROM THE PROJECT SITE SHALL BE LIMITED TO ONE CONNECTION AS DIRECTED BY THE PROJECT MANAGER.
- CONSTRUCTION TRAFFIC SHALL NOT USE THE RESIDENTIAL STREETS AS CUT-THROUGHS.
- THE CONTRACTOR SHALL FIELD CHECK AND VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO THE START OF CONSTRUCTION. IF CONTRACTOR PRECEDES WITH KNOWLEDGE OF DISCREPANCIES, NO ADDITIONAL COMPENSATION WILL BE CONSIDERED.
- EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL DETERMINE EXACT LOCATION AND ELEVATION FROM THE OWNERS OF THE UTILITIES. ALL UTILITY OWNERS SHALL BE NOTIFIED BY THE CONTRACTOR 72 HOURS PRIOR TO EXCAVATION.
- ANY DAMAGE CAUSED BY THE CONTRACTOR TO ADJACENT PROPERTY AND STRUCTURES SHALL BE REPAIRED OR REPLACED AT HIS EXPENSE AND TO THE SATISFACTION OF THE OWNER.
- FOR THE PROTECTION OF THE AREA RESIDENTS, IT IS NECESSARY THAT EXCAVATIONS NOT REMAIN OPEN OVERNIGHT. EXCAVATIONS MADE DURING ANY WORK DAY MUST BE BACKFILLED TO SURFACE GRADE BY THE END OF THAT SAME DAY.
- THE LOCATIONS AND EXTENTS OF AREAS USED FOR CONSTRUCTION STAGING PURPOSES AS EQUIPMENT PARKING AND MATERIAL STORAGE AREAS ARE SUBJECT TO APPROVAL OF THE PARK DISTRICT. IT IS DESIRED THAT MANHOLE, PIPE AND BACKFILL MATERIALS BE DELIVERED TO THE SITE NO EARLIER THAN THE THREE DAYS BEFORE THEY ARE SCHEDULED TO BE INSTALLED.
- PROPOSED CONTOURS AND SPOT ELEVATIONS SHOWN INDICATE FINISH GRADE.
- TOPSOIL SHALL NOT BE USED TO FILL PROPOSED PAVEMENT AREAS TO DESIGN SUBGRADE LEVELS.
- PLACE AND GRADE AGGREGATE BASE MATERIAL IN PAVEMENT AREAS. SLOPE SUBGRADE AND AGGREGATE SURFACES TO THE INSTALLED DRAINAGE STRUCTURES. PROVIDE SURFACE SLOPES OF AT LEAST ONE PERCENT (1%) TO DRAINAGE STRUCTURES.
- PLACE AND GRADE TOPSOIL TO REQUIRED ELEVATIONS AND CONTOURS TO CREATE SURFACE DRAINAGE AS INDICATED ON THE PLANS. CUT AND GRADE SUBSURFACE SOIL (CLAY) WHERE NECESSARY TO CREATE THE REQUIRED DRAINAGE PATTERNS AND SWALES. INSTALL SPECIFIED GRASS SEED WITHIN EACH WORK AREA, IMMEDIATELY AFTER COMPLETION OF SEWER INSTALLATION AND GRADING OPERATIONS WITHIN THAT AREA.
- USE SPECIFIED GRANULAR MATERIAL TO BACKFILL ALL STRUCTURE EXCAVATIONS AND CONDUIT TRENCHES WITHIN AND IMMEDIATELY ADJACENT TO FUTURE PAVEMENT AREAS.

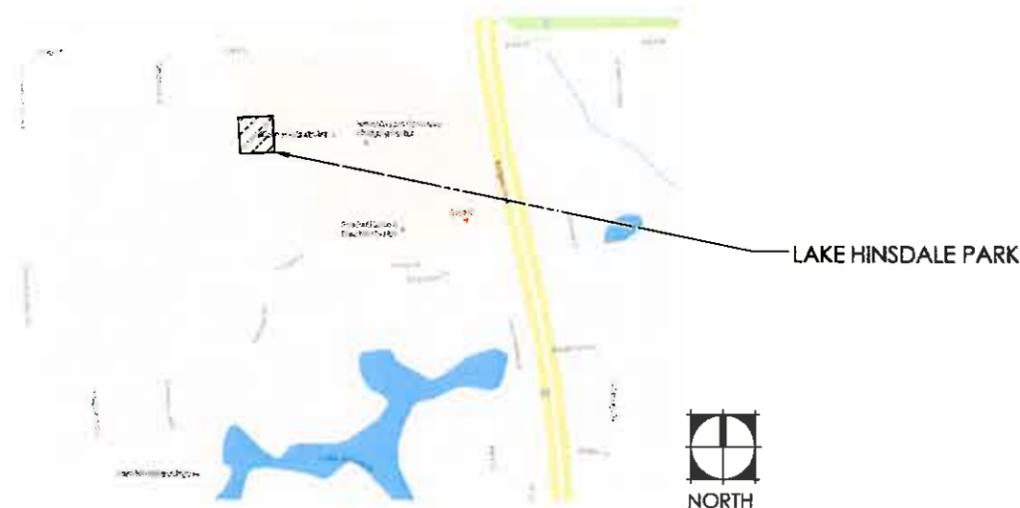
MAYOR
Frank Trilla

VILLAGE CLERK
Leroy Hansen

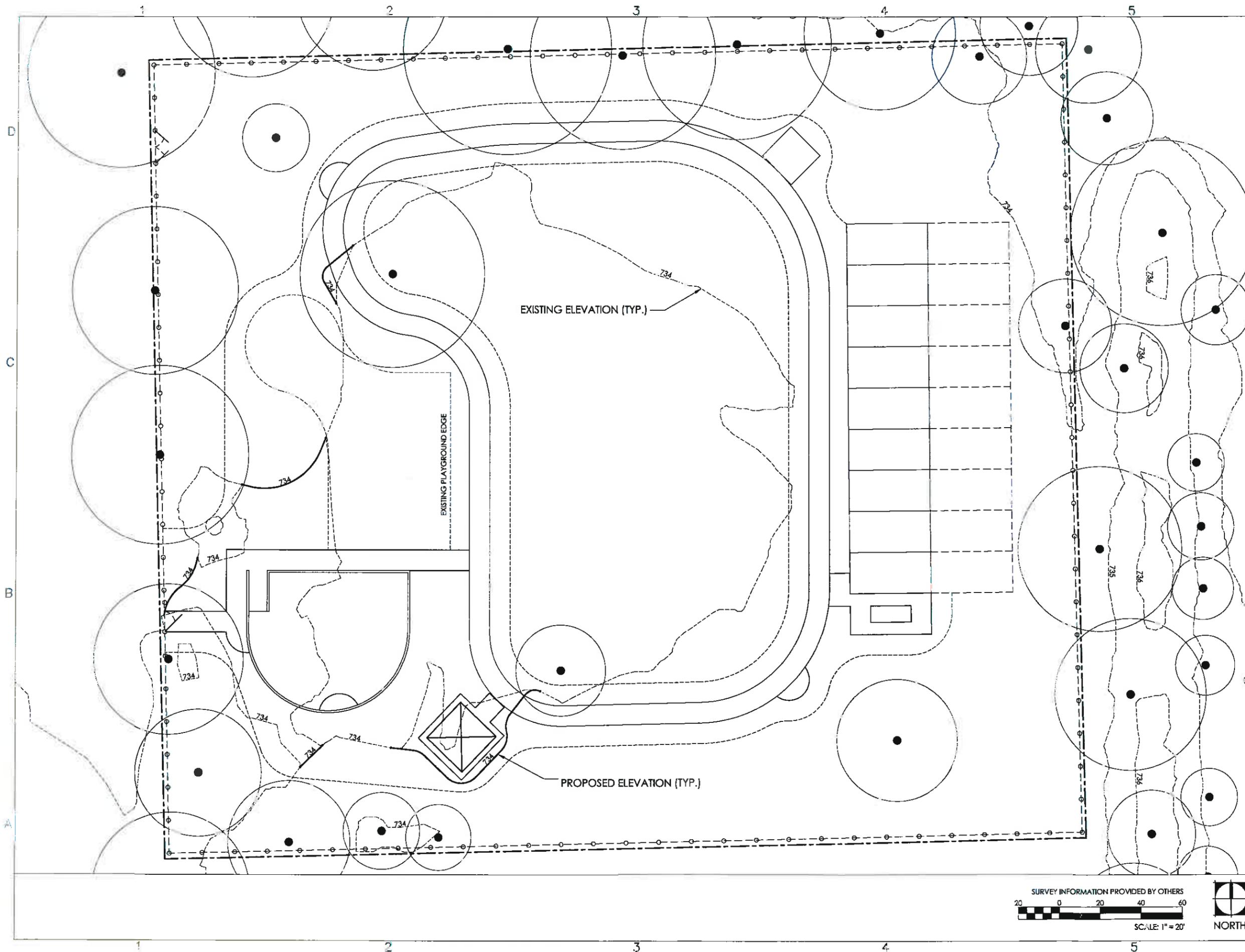
BOARD OF TRUSTEES
Gayle Neal
Sue Berglund
Umberto Davi
Terrence Kelly
Michael Mistele
Paul Oggerino

SUPERINTENDENT OF PARKS AND RECREATION:
Richard Cobb

PROJECT LOCATION:



CALL JULIE AT LEAST TWO DAYS BEFORE BEGINNING EXCAVATION ACTIVITIES
1-800-892-0123



THE VILLAGE OF
WILLOWBROOK
2016 LAKE HINSDALE
PARK IMPROVEMENTS



1280 Iroquois Avenue
Suite 110
Naperville, Illinois 60563
Telephone: (630) 428-3134
Fax: (630) 428-3159
www.design-perspectives.net

In Association With

REV.	COMMENT	DATE

SEAL:
DRAFT

DATE: 07/28/2016
JOB NO.:
DRAWN BY: CAW
CHECKED BY: TS

DRAWING TITLE:
GRADING PLAN

SHEET NO.:
LG-100

REV.	COMMENT	DATE

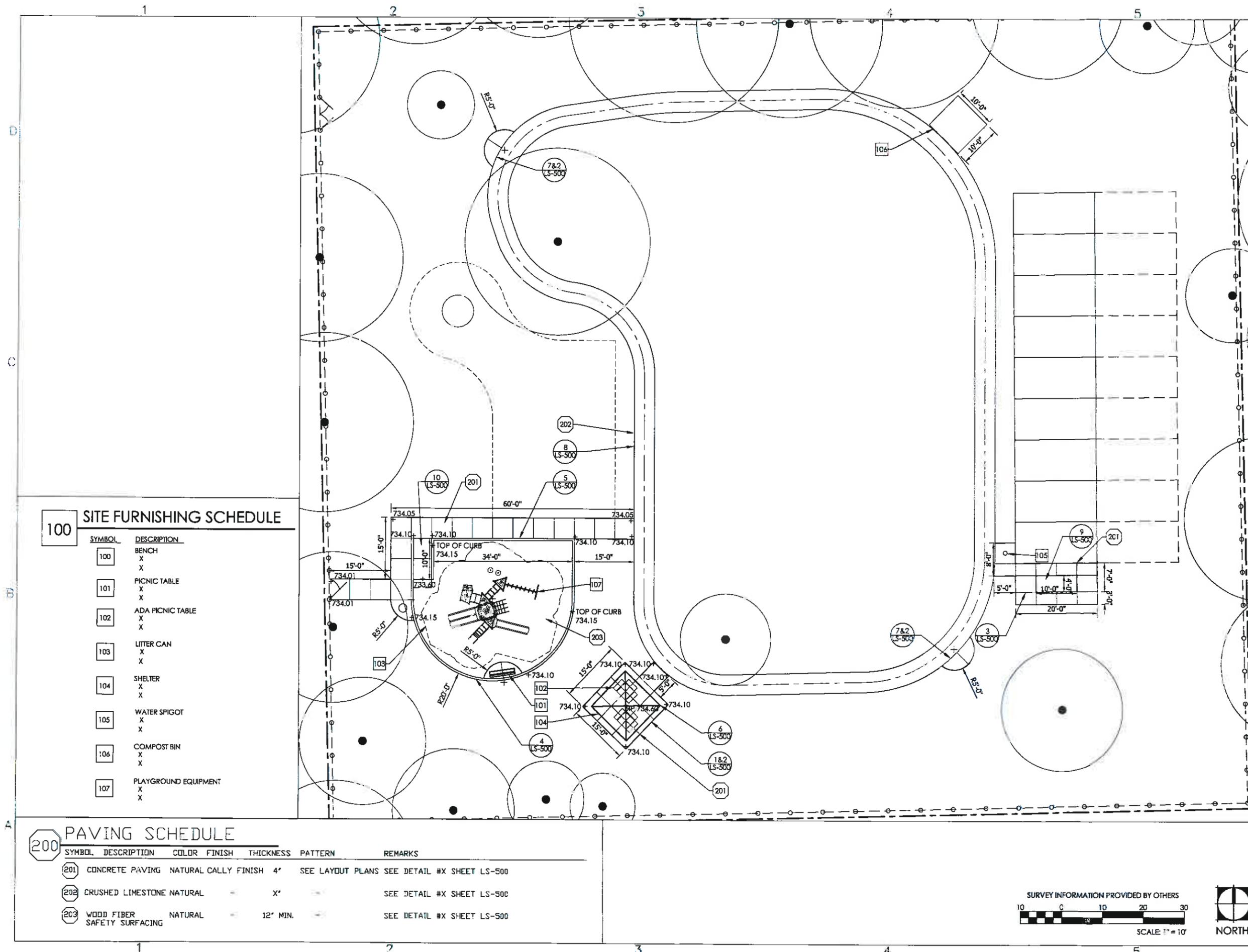
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DRAFT

DATE: 07/28/2016
JOB NO.:
DRAWN BY: CAW
CHECKED BY: TS

DRAWING TITLE:
LAYOUT PLAN

SHEET NO.:
LS-101

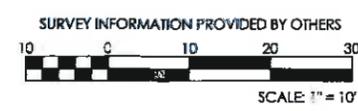


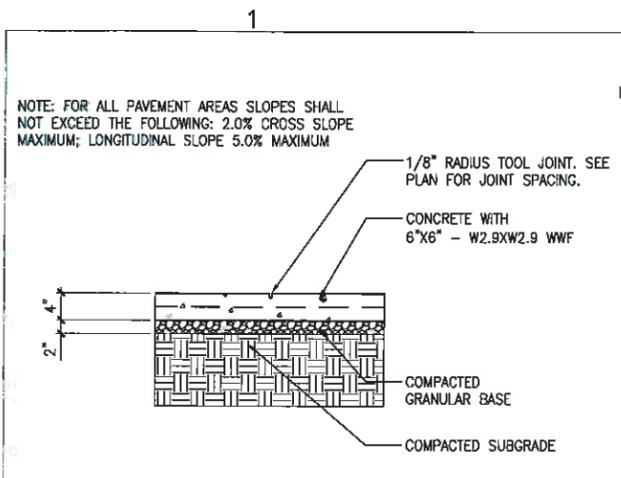
100 SITE FURNISHING SCHEDULE

SYMBOL	DESCRIPTION
100	BENCH X X
101	PICNIC TABLE X X
102	ADA PICNIC TABLE X X
103	LITTER CAN X X
104	SHELTER X X
105	WATER SPIGOT X X
106	COMPOST BIN X X
107	PLAYGROUND EQUIPMENT X X

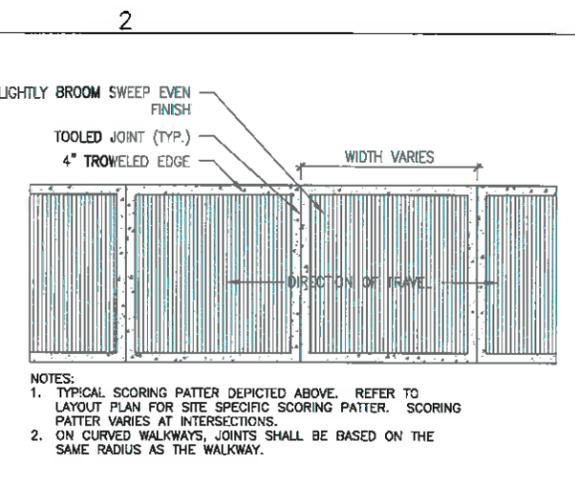
200 PAVING SCHEDULE

SYMBOL	DESCRIPTION	COLOR	FINISH	THICKNESS	PATTERN	REMARKS
201	CONCRETE PAVING	NATURAL	CALLY FINISH	4"	SEE LAYOUT PLANS	SEE DETAIL #X SHEET LS-500
202	CRUSHED LIMESTONE	NATURAL	-	X"	-	SEE DETAIL #X SHEET LS-500
203	WOOD FIBER SAFETY SURFACING	NATURAL	-	12" MIN.	-	SEE DETAIL #X SHEET LS-500

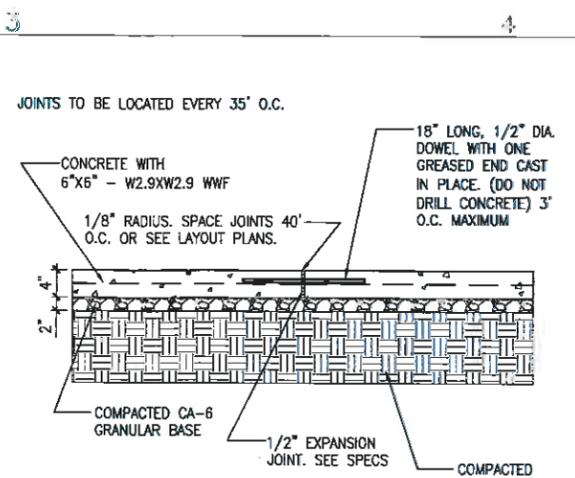




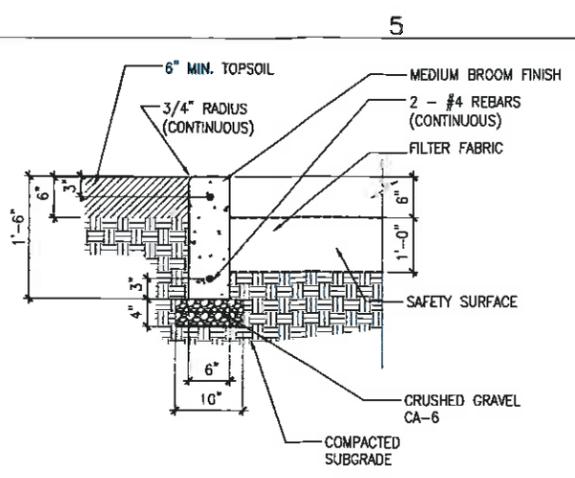
1 4" CONCRETE PAVING
SCALE: NTS



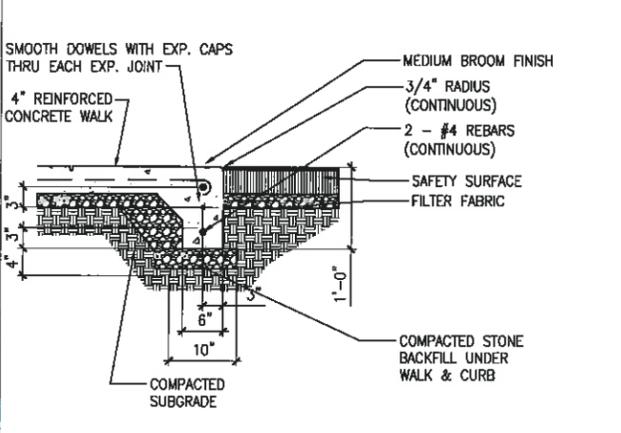
2 CONCRETE FINISH
SCALE: NTS



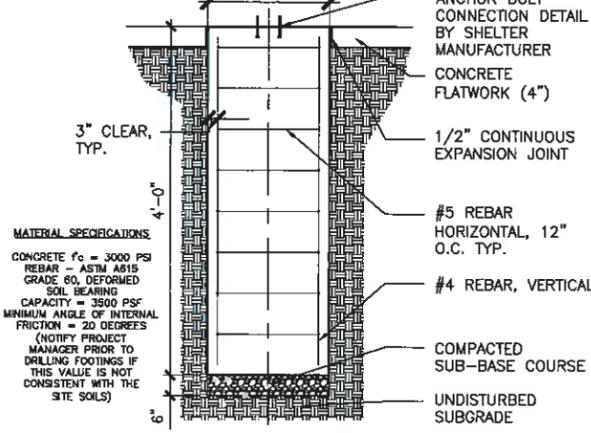
3 EXPANSION JOINT
SCALE: NTS



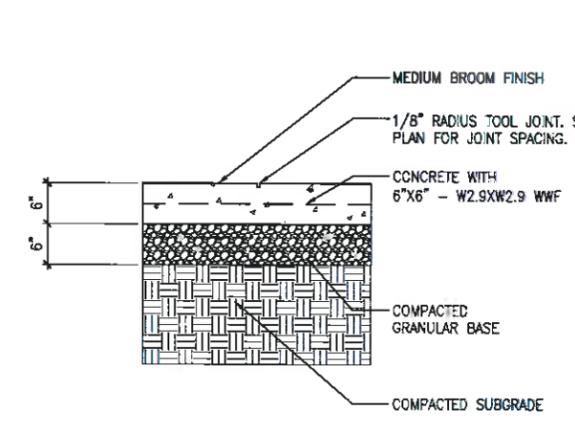
4 CONCRETE CURB
SCALE: NTS



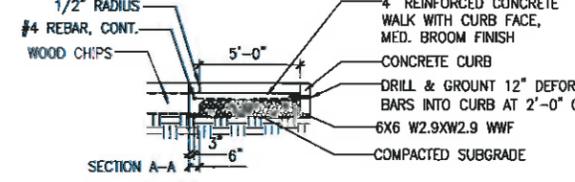
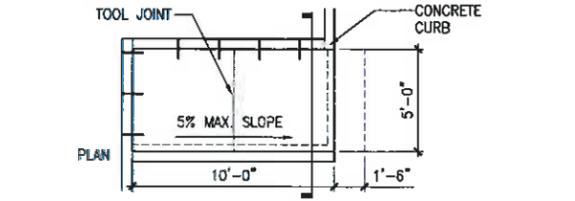
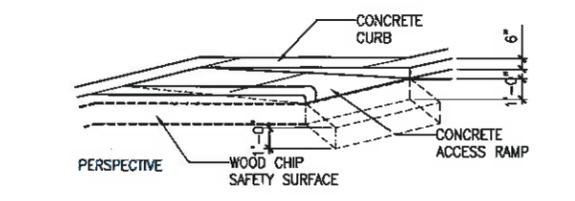
5 CURB FACED CONCRETE WALK
SCALE: NTS



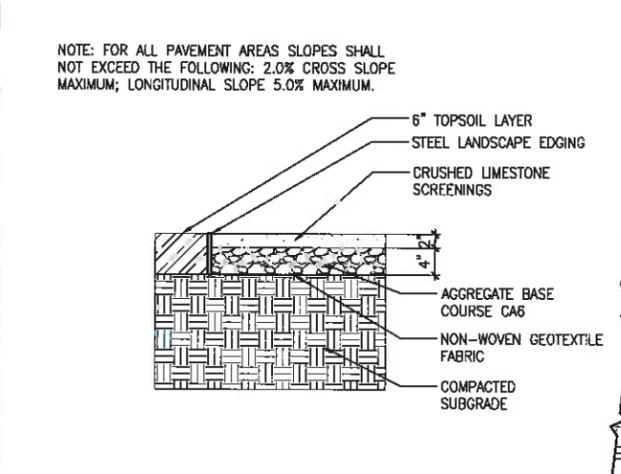
6 SHELTER FOOTING
SCALE: NTS



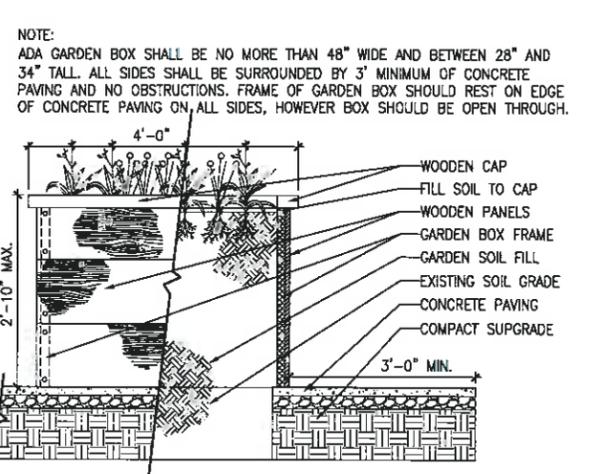
7 6" CONCRETE SLAB PAVING
SCALE: NTS



10 CONCRETE RAMP
SCALE: NTS



8 CRUSHED LIMESTONE TRAIL
SCALE: NTS



9 ADA GARDEN BOX
SCALE: NTS



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2016 LAKE HINSDALE
PARK IMPROVEMENTS



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REV.	COMMENT	DATE

SEAL:

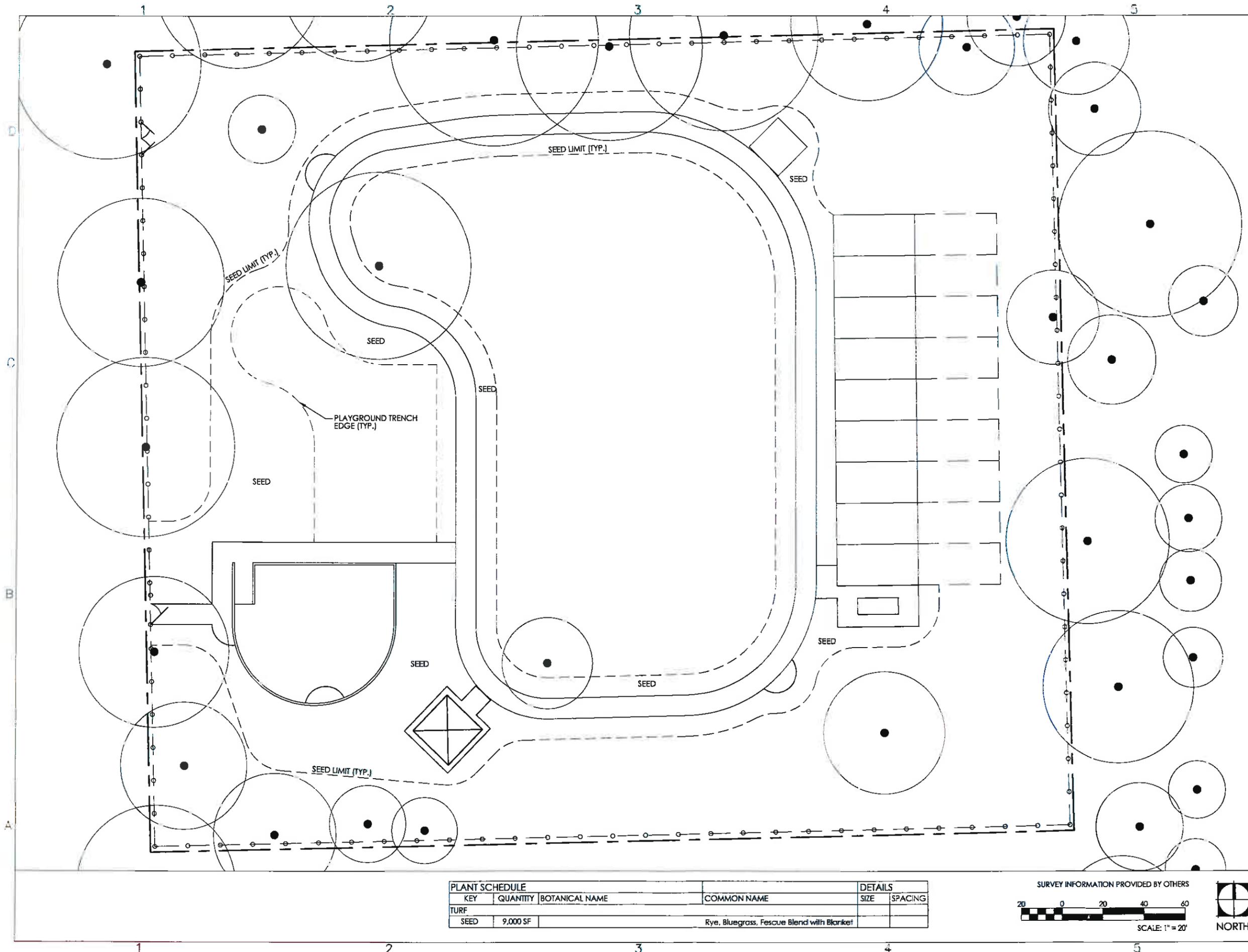
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DATE: 07/28/2016
JOB NO.:
DRAWN BY: CAW
CHECKED BY: TS

DRAWING TITLE:
**CONSTRUCTION
DETAILS**

SHEET NO.:
LS-500

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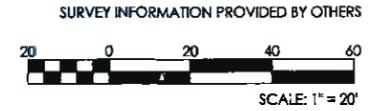
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DATE: 07/28/2016
 JOB NO.:
 DRAWN BY: CAW
 CHECKED BY: TS

DRAWING TITLE:
PLANTING PLAN

SHEET NO.:
LP-100

PLANT SCHEDULE				DETAILS	
KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
TURF					
SEED	9,000 SF		Rye, Bluegrass, Fescue Blend with Blanket		





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2016 LAKE HINSDALE
PARK IMPROVEMENTS



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DRAWING TITLE:
PLANTING DETAILS

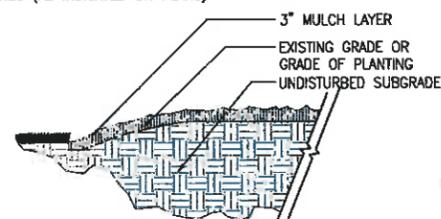
SHEET NO.:
LP-500

1. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING HIMSELF FAMILIAR WITH ALL UNDERGROUND UTILITIES AND STRUCTURES. SEE CONSTRUCTION NOTES.
2. DO NOT WILLFULLY PROCEED WITH PLANTINGS AS DESIGNED WHEN IT IS OBVIOUS THAT OBSTRUCTIONS AND/OR GRADE DIFFERENCES EXIST THAT MAY NOT HAVE BEEN KNOWN DURING THE DESIGN PROCESS. SUCH CONDITIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE PROJECT MANAGER. THE LANDSCAPE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY NECESSARY REVISIONS AND COSTS DUE TO FAILURE TO GIVE SUCH NOTIFICATION.
3. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION WITH SUBCONTRACTORS AND/OR SUPPLIERS AS REQUIRED TO ACCOMPLISH PLANTING OPERATIONS.
4. THE LANDSCAPE CONTRACTOR IS TO RECEIVE THE SITE AT +/- 1/10TH OF AN INCH.
5. REFER TO SPECIFICATIONS FOR PLANTING REQUIREMENTS, MATERIALS, AND EXECUTION.
6. ALL TREES SHALL BE TAGGED BY THE PROJECT MANAGER AT A NURSERY SELECTED BY THE LANDSCAPE CONTRACTOR OR AT THE DISCRETION OF THE PROJECT MANAGER.
7. FINAL LOCATION OF ALL PLANT MATERIAL SHALL BE SUBJECT TO APPROVAL OF THE PROJECT MANAGER PRIOR TO DIGGING ANY HOLES. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR PROVIDING PROJECT MANAGER ADEQUATE ADVANCE NOTICE FOR ON-SITE APPROVALS. THE LANDSCAPE CONTRACTOR IS TO THE FOLLOWING BEFORE BEGINNING INSTALLING PLANTINGS:

SHRUBS - LAY OUT THE ACTUAL CONTAINERS ON-SITE BEFORE DIGGING HOLES.

TREES - STAKE THE LOCATIONS BEFORE DIGGING HOLES. ANY TREE PLANTED WITHOUT ITS FINAL LOCATION APPROVED BY THE PROJECT MANAGER MAY BE REQUESTED TO BE RELOCATED AT THE SOLE EXPENSE OF THE LANDSCAPE CONTRACTOR.
8. THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE PROJECT MANAGER AT LEAST 48 HOURS IN ADVANCE PRIOR TO COMMENCEMENT OF WORK TO COORDINATE PROJECT OBSERVATION SCHEDULES.
9. IF CONFLICTS ARISE BETWEEN THE ACTUAL SIZE OF AREAS ON THE SITE AND THE DRAWINGS, CONTACT THE PROJECT MANAGER FOR RESOLUTION.
10. IT IS THE LANDSCAPE CONTRACTOR'S RESPONSIBILITY TO FURNISH PLANTS FREE OF PESTS AND/OR DISEASES. PRE-SELECTED OR "PROJECT MANAGER TAGGED" PLANT MATERIAL MUST BE INSPECTED BY THE LANDSCAPE CONTRACTOR AND CERTIFIED PEST AND DISEASE FREE. IT IS THE LANDSCAPE CONTRACTOR'S OBLIGATION TO WARRANTY ALL PLANT MATERIAL PER THE SPECIFICATIONS.
11. GROUNDCOVERS AND SHRUBS ARE TO BE TRIANGULARLY SPACED UNLESS INDICATED ON THE PLANS.
12. ALL TREES WITHIN A SPECIES SHALL HAVE MATCHING FORM, UNLESS OTHERWISE NOTED.
13. ALL TREES, SHRUB AND GROUNDCOVER AREAS (EXCLUDING TURF AND SLOPE AREAS) ARE TO BE MULCHED PER DETAILS.
14. ALL MULCH TO BE SHREDDED HARDWOOD MULCH.
15. TREES SHALL BE SET BACK A MINIMUM OF TEN FEET (10') HORIZONTALLY FROM UTILITY STRUCTURES, INCLUDING, BUT NOT LIMITED TO, MANHOLES, VALVE VAULTS, VALVE BOXES, FIRE HYDRANTS, TRANSFORMERS AND SWITCH CANS. TREES SHALL BE SET BACK A MINIMUM OF FIVE (5') HORIZONTALLY FROM SANITARY SEWER AND WATER SERVICES. CONTRACTOR TO MAKE NECESSARY ADJUSTMENTS UNDER THE APPROVAL OF OWNER. REFER TO CIVIL DRAWINGS PREPARED BY OTHERS.
16. PLANTING RESTRICTIONS: PLANT DURING ONE OF THE FOLLOWING PERIODS. COORDINATE PLANTING PERIODS WITH MAINTENANCE PERIODS TO PROVIDE REQUIRED MAINTENANCE FROM DATE OF SUBSTANTIAL COMPLETION.
 1. SPRING PLANTING: 4/1 - 6/15
 2. FALL PLANTING: 9/1 - 11/1

- NOTES:
1. TRENCH EDGE DETAIL SHALL BE USED AT ALL LAWN EDGES AND AT EDGES OF MULCHED AREAS (FOR CONTAINMENT)
 2. TRENCH EDGE SHALL CREATE A CLEAN SEPARATION BETWEEN AREAS, AND SHALL CREATE SMOOTH AND EVEN LINES (AS INDICATED ON PLANS)



TRENCH EDGE DETAIL
SCALE: 1"=1'-0" DT-18-trench-gyn

PLANTING NOTES
SCALE: NTS DT-plantnote-gyn