LAKE NOKOMIS
PICKLEBALL COURTS

PREPARED FOR:
MINNEAPOLIS PARK AND RECREATION BOARD

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2 EXISTING CONDITIONS SURVEY
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4 REMOVALS, EROSION & SEDIMENT CONTROL PLAN
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7 TURF RESTORATION PLAN
8-12 DETAILS

GENERAL NOTES
CONTRACTOR SHALL DETERMINE LOCATION OF EXISTING PUBLIC AND PRIVATE UTILITIES PRIOR TO CONSTRUCTION AND SHALL BE RESPONSIBLE FOR PRESERVING THESE. ANY REPAIRS NECESSARY DUE TO CONTRACTORS OPERATIONS SHALL BE MADE AT CONTRACTORS EXPENSE. BEFORE DIGGING CALL: GOPHER STATE ONE CALL (651) 454-0002.

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL "C". THIS UTILITY QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF DEPICTION OF EXISTING SUBSURFACE UTILITY DATA.

OWNER:
MINNEAPOLIS PARKS AND RECREATION BOARD
2117 WEST RIVER RD. N.
MINNEAPOLIS, MN 55411

OWNER'S PROJECT REPRESENTATIVE:
CHRIS DESROCHES
(612) 313-7717
CDESROCHES@MINNEAPOLISPARKS.ORG

PROJECT LOCATION:
LAKE NOKOMIS COMMUNITY CENTER
2401 E MINNEHAHA PARKWAY
MINNEAPOLIS, MN 55417

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Landscape Architect under the laws of the State of Minnesota.

WILLIAM DELANEY
Lic. No. 40252
Date: 04-20-2022

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

ADAM PAWELK
Lic. No. 49952
Date: 04-20-2022
PROPERTY DESCRIPTION
Part of Block 8 of Pillsbury's Addition to Minnehaha Park, and part of Lot 1 of Lake Amelia Outlots, of Hennepin County, Minnesota.

GENERAL SURVEY NOTES
1. THE SURVEY DATA IS BASED ON THE HENNENPIN COUNTY COORDINATE SYSTEM (NAD83 HEC). 
2. THIS SURVEY WAS PREPARED FOR THE PURPOSE OF SHOWING THE EXISTING CONDITIONS OF THE TENNIS COURTS AND SURROUNDING AREAS FOR SITE IMPROVEMENTS.
3. ELEVATIONS ARE MEASURED ON MINNEAPOLIS LAND SURVEY MONUMENT 112C, WHICH HAS AN ELEVATION OF 838.60 FT (NAVD29).
4. THE SUBSURFACE UTILITY INFORMATION SHOWN HEREIN IS UTILITY QUALITY LEVEL C AS DETERMINED ACCORDING TO THE GUIDELINES OF ASCE 38-02. UTILITY LOCATIONS ARE SHOWN HEREON BASED ON OBSERVED EVIDENCE TOGETHER WITH EVIDENCE FROM THE FOLLOWING SOURCES: PLANS OBTAINED FROM UTILITY COMPANIES, PLANS PROVIDED BY CLIENT, MARKINGS BY UTILITY COMPANIES AND OTHER APPLICABLE SOURCES. FROM UTILITY COMPANIES, WE HAVE USED THIS INFORMATION TO DEVELOP A VIEW OF THE UNDERGROUND UTILITIES FOR THIS SITE. WE HAVE ALSO CONSULTED THE EXISTING SITE PLAN AND PHOTOGRAPHS ON FILE AT THE COUNTY, MINNEAPOLIS PARK BOARD AND LACK OF EXCAVATION, WE HAVE USED THIS INFORMATION AS REQUIRED. THE CLIENT IS ADVISED THAT EXCAVATION MAY BE NECESSARY. ALSO, PLEASE NOTE THAT SEASONAL CONDITIONS MAY INHIBIT OUR ABILITY TO VISIBLY OBSERVE ALL THE UTILITY LOCATIONS ON THE SUBJECT PROPERTY.

BENCHMARKS
21. A X CUT INTO THE BASE OF LIGHT POLE WEST OF THE OVERFLOW PARKING LOT ON THE EASTERN SIDE OF SITE, WHICH HAS AN ELEVATION OF 838.60 FT.

LEGEND

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VICTINITY MAP

EXISTING CONDITIONS SURVEY

LAKE NOKOMIS PICKLEBALL COURTS

MINNEAPOLIS, MINNESOTA

SHEET 2 OF 12
NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR, FENCING, SIGNING AND FLAGGING AS NECESSARY TO MAINTAIN, CONTROL, AND SAFEGUARD VEHICLE AND PEDESTRIAN TRAFFIC. STREETS SHALL REMAIN OPEN TO TRAFFIC DURING CONSTRUCTION. THIS WORK SHALL BE IN ACCORDANCE WITH THE LATEST VERSION OF THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MN MUTCD).

2. INSTALL TYPE A FLASHING WARNING LIGHT AT ALL TEMPORARY CONSTRUCTION SIGNS AND TYPE 3 BARRICADES.

LEGEND

- TEMPORARY CHAINLINK FENCE

TRAFFIC CONTROL PLAN
LAKE NOKOMIS PICKLEBALL COURTS
MINNEAPOLIS, MINNESOTA

SCALE IN FEET

0 20 40 60

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WILLIAM DELANEY

LIC. NO. 40252
DATE: 04-20-2022

LAKE NOKOMIS PICKLEBALL COURTS
MINNEAPOLIS, MINNESOTA

HANSEN-TROPH PELLINEN-QUELLE, INC.
7510 Market Place Drive    Eden Prairie, MN 55344
952-829-0700    952-829-7806 fax

Engineering & Surveying
Landscape Architecture

TRAFFIC CONTROL PLAN

SHEET 3
OF 12
NOTES

1. CONTRACTOR SHALL DETERMINE LOCATION OF EXISTING PUBLIC AND PRIVATE UTILITIES PRIOR TO CONSTRUCTION AND SHALL BE RESPONSIBLE FOR PROTECTING SAME. ANY REPAIRS NEEDED DUE TO CONTRACTOR'S CONSTRUCTION ACTIVITY WILL BE THE COST OF CONTRACTOR. CONTRACTOR SHALL PAY FOR ANY DAMAGE TO PUBLIC UTILITIES CAUSED BY CONTRACTOR'S CONSTRUCTION ACTIVITY AND CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REPAIRS, IF REQUIRED.

2. ALL WORK WITHIN PUBLIC RIGHT OF WAY SHALL BE IN ACCORDANCE WITH CITY OF MINNEAPOLIS STANDARDS AND APPLICABLE CODES.

3. CONTRACTOR TO PROTECT ALL SITE FEATURES IN PLACE, INCLUDING EXISTING TREES, PAVEMENT, CURB, AND LANDSCAPE AREAS, UNLESS DESIGNATED FOR REMOVAL. RESTORE ALL DISTURBED AREAS TO EXISTING CONDITION OR BETTER.

4. REMOVE CONCRETE AND BITUMINOUS PAVEMENT WHERE SHOWN ON PLANS AND/OR AS DIRECTED, UNLESS OTHERWISE NOTED. SAWCUT (NO JACKHAMMERING) ALONG EXISTING PAVEMENT TO CREATE SMOOTH TRANSITIONS BETWEEN EXISTING AND NEW PAVEMENT.

5. CONCRETE AND CURB SHALL BE REMOVED TO THE NEAREST EXISTING JOINT.

6. KEEP ALL ROADSIDE CLEAR OF SEDIMENTS. STREETS SHALL BE WEEDED AS NEEDED OR AS DIRECTED.

7. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS FOR CONSTRUCTION WORK.

8. SEE CITY OF MINNEAPOLIS STANDARDS PLATE NO. SEMI-ROOF ON SHEET 11 FOR EROSION AND SEDIMENT CONTROL REQUIREMENTS.

9. INSTALL CONSTRUCTION ENTRANCE AND SILT FENCE PRIOR TO BEGINNING LAND DISTURBING ACTIVITIES.

10. PRIOR TO GRADING ACTIVITIES, TOPSOIL, ROOTS, AND OTHER ORGANIC MATERIAL SHALL BE STRIPPED AS NEEDED IN GREENSPACE AREAS. TOPSOIL SHALL BE STOCKPILED AS REQUIRED TO PROVIDE MIN. 6" OF TOPSOIL FOR GREENSPACE AREAS UNLESS OTHERWISE NOTED.

11. CONTRACTOR TO REMOVE AND DISPOSE OF FOUNDINGS AND ALL APPURTENANCES OF BENCHES AND TABLES AS CALLED OUT ON PLAN.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed landscape architect under the laws of the State of Minnesota.

WILLIAM DELANEY

LIC. NO. 10322
DATE: 04-20-2022

12. REMOVE CONCRETE SIDEWALK AND CURB TO THE NEAREST EXISTING JOINT. REMOVE CONCRETE AND BITUMINOUS PAVEMENT WHERE SHOWN ON PLANS AND/OR AS DIRECTED, UNLESS OTHERWISE NOTED. SAWCUT (NO JACKHAMMERING) ALONG EXISTING PAVEMENT TO CREATE SMOOTH TRANSITIONS BETWEEN EXISTING AND NEW PAVEMENT.

13. TOPSOIL SHALL BE STOCKPILED AS REQUIRED TO PROVIDE MIN. 6" OF TOPSOIL FOR GREENSPACE AREAS UNLESS OTHERWISE NOTED.

14. MATERIAL SHALL BE STRIPPED AS NEEDED IN GREENSPACE AREAS. PRIOR TO GRADING ACTIVITIES, TOPSOIL, ROOTS, AND OTHER ORGANIC LAND DISTURBING ACTIVITIES. KEEP ALL ROADWAYS CLEAR OF SEDIMENTS. STREETS SHALL BE WEEDED AS NEEDED OR AS DIRECTED.

15. CONTRACTOR TO PROTECT ALL SITE FEATURES IN PLACE, INCLUDING EXISTING TREES, PAVEMENT, CURB, AND LANDSCAPE AREAS, UNLESS DESIGNATED FOR REMOVAL. RESTORE ALL DISTURBED AREAS TO EXISTING CONDITION OR BETTER.

16. ALL WORK WITHIN PUBLIC RIGHT OF WAY SHALL BE IN ACCORDANCE WITH CITY OF MINNEAPOLIS STANDARDS AND APPLICABLE CODES.
NOTES

1. CONTRACTOR SHALL INSTALL EROSION AND SEDIMENT CONTROL (ESC) MEASURES PRIOR TO COMMENCING CONSTRUCTION (SEE ESC PLAN). ESC MEASURES SHALL BE INSPECTED DAILY DURING GRADING OPERATIONS AND WEEKLY UNTIL FINAL STABILIZATION IS COMPLETE. ESC MEASURES SHALL BE REPAIRED AS NEEDED OR REPLACED BY CONTRACTOR. ESC MEASURES SHALL BE REMOVED FOLLOWING FINAL STABILIZATION.

2. CONTRACTOR SHALL FILL, VERIFY EXISTING ELEVATIONS AND TOPOGRAPHY PRIOR TO COMMENCING GRADING OPERATIONS. IF DISCREPANCIES OCCUR BETWEEN PLANS AND ACTUAL SITE CONDITIONS, NOTIFY ENGINEER IMMEDIATELY.

3. OTHER THAN REMOVAL, EXCAVATION OF NEW INFILTRATION BASIN SHALL NOT OCCUR UNTIL MASS GRADING AND STABILIZATION HAS BEEN COMPLETED.

4. PRIOR TO GRADING ACTIVITIES, TOPSOIL, ROOTS, AND OTHER ORGANIC MATERIALS SHALL BE COMPLETED STORED IN NEW Pavement AREAS ANDONLY STORED AS NEEDED IN GREENSPACE AREAS. TOPSOIL SHALL BE STOCKPILED AS REQUIRED TO PROVIDE MIN. 12" OF TOPSOIL FOR GreenSPACE AREAS UNLESS OTHERWISE NOTED. SCARP Eq TO 10% MI OF SUBGRADE WHILE TAKING CARE TO AVOID UTILITIES, TREE ROOTS, AND OTHER EXISTING VEGETATION PRIOR TO PLACEMENT OF TOPSOIL AND COMPACT.

5. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EXISTING SURFACE DRAINAGE AT ALL TIMES DURING CONSTRUCTION.

6. CONTRACTOR SHALL TAKE SPECIAL CARE TO MINIMIZE COMPACTION IN GREENSPACE AREAS, INCLUDING AREA FOR INFILTRATION BASIN.

7. MINNEAPOLIS, MINNASOTA LAW REQUIRES EXCAVATORS TO NOTIFY THE REGIONAL NOTIFICATION CENTER AT LEAST TWO (2) BUSINESS DAYS PRIOR TO EXCAVATION, TO PROVIDE THE CONTRACTOR WITH THE OPPORTUNITY TO PERFORM SERVICES PRIOR TO COMMENCING CONSTRUCTION.

8. CONTRACTOR SHALL FIELD VERIFY EXISTING ELEVATIONS AND TOPOGRAPHY PRIOR TO COMMENCING GRADING OPERATIONS. IF DISCREPANCIES OCCUR BETWEEN PLANS AND ACTUAL SITE CONDITIONS, NOTIFY ENGINEER IMMEDIATELY.

9. CONTRACTOR SHALL INSTALL EROSION AND SEDIMENT CONTROL (ESC) MEASURES PRIOR TO COMMENCING CONSTRUCTION (SEE ESC PLAN). ESC MEASURES SHALL BE INSPECTED DAILY DURING GRADING OPERATIONS AND WEEKLY UNTIL FINAL STABILIZATION IS COMPLETE. ESC MEASURES SHALL BE REPAIRED AS NEEDED OR REPLACED BY CONTRACTOR. ESC MEASURES SHALL BE REMOVED FOLLOWING FINAL STABILIZATION.

LEGEND

CONTOUR LINE
DRAINAGE ARROW
SPOT ELEVATION
SPOT ELEVATION (MATCH EXISTING)
STORM SEWER
FLARED END SECTION (FES)
CATCH BASIN (CB)
RIRAP
HIGH POINT
LOW POINT

GRADING AND DRAINAGE PLAN
LAKE NOKOMIS PICKLEBALL COURTS
MINNEAPOLIS, MINNESOTA

Sheet

12
ATHLETIC TURF SEED MIX (SEE SPECS, AREAS SHOWN ARE APPROXIMATE)
TURF REINFORCEMENT MAT, CATEGORY 70 (MNDOT 3885)
LIMITS OF CONSTRUCTION

TURF RESTORATION PLAN
LAKE NOKOMIS PICKLEBALL COURTS
MINNEAPOLIS, MINNESOTA

TURF RESTORATION NOTES
1. PLACE MIN. 6" TOPSOIL ON ALL DISTURBED AND NEW GREENSPACE AREAS. IMPORT TOPSOIL QUANTITIES IF SUFFICIENT QUANTITIES ARE NOT SALVAGED.
2. DISTURBED AREAS SHALL BE RESTORED WITH TURF SEED, FERTILIZER AND HYDRAULIC MATRIX - TYPE MULCH. TEMPORARY CONSTRUCTION FENCE TO REMAIN IN PLACE TO PROTECT RESTORED AREAS UNTIL ESTABLISHED, UNLESS OTHERWISE DIRECTED.

LEGEND
- ATHLETIC TURF SEED MIX (SEE SPECS, AREAS SHOWN ARE APPROXIMATE)
- TURF REINFORCEMENT MAT, CATEGORY 70 (MNDOT 3885)
- Limits of construction

USER: apawelk    XREF(s): 21-057.1_X-CIV-GRAD.dwg 21-057.1_X-SUR.dwg 21-057.1_X-GEN-TBLK.dwg 21-057.1_X-CIV-TURF.dwg 21-057.1_X-CIV-LOC.dwg 21-057.1_X-LA-SITE.dwg
SCALE: 0   DATE/TIME:  May 17, 2022 - 2:33pm
FILE: P:\2021\21-057 - MPRB Master Contract - Engineering\Task 1 - Nokomis Pickleball Courts\CAD\DWG\PLANSHEETS\CIVIL\21-057.1_CIV-TURF.dwg    LAYOUT: 07
04-20-2022

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WILLIAM DELANEY
40252
04-20-2022

LAKE NOKOMIS PICKLEBALL COURTS
MINNEAPOLIS, MINNESOTA

04-20-2022
PICKLEBALL COURTS, TYPICAL SECTION

NOTE:
1. CONSTRUCTION SHALL CONFORM TO MnDOT 2360 and 2521.
2. ALL IMPROVEMENTS SHALL BE CONSTRUCTED ON APPROVED, COMPACTED SUBGRADE.

NOTES:
1. CONSTRUCTION SHALL CONFORM TO MnDOT 2521.
2. EXPANSION JOINT SHALL BE 1/2" PRE-FORMED JOINT FILLER MATERIAL INSTALLED AT LOCATIONS WHERE ADJACENT TO PAVEMENT OR CURB, SEAL JOINT WITH POLYURETHANE JOINT SEALANT.
3. COMPACTED SUBGRADE TO 95% MODIFIED PROCTOR DENSITY
4. COMPACTED AGGREGATE BASE, SEE SPEC.
5. EXPANSION JOINT ALONG CONCRETE PAD WHERE ADJACENT TO EXISTING PAVEMENT, SEE NOTE 2
6. EXPANSION JOINT TO BE INSTALLED BY OTHERS.

DETAILS
LAKE NOKOMIS PICKLEBALL COURTS
MINNEAPOLIS, MINNESOTA

NOT TO SCALE
1. Final colors to be approved by MPRB.
2. Surfacing system.
3. See specifications for additional information regarding striping and court surfacing system.
4. 2" wide x 4" thick concrete maintenance strip with 2-4# rebar, continuous rebar from sides and bottom.
5. 1/8" wide x 1/4" thick polyurethane joint sealant around each post.
6. Polystyrene joint sealant around picketball court bituminous pavement.
7. See detail D for fence post installation.
8. PROVIDE 1.5" CLEARANCE BETWEEN BOTTOM OF FENCE AND TOP OF PAVEMENT.
9. 1-1/8" O.D. TOP BRACE RAIL.
10. Tie wire spaced 1/2" apart along top and bottom brace rails.
11. 3" O.D. line post.
12. Tie wire spaced 1/2" apart on posts.
14. Finish grade (see grading plan for elevations).
15. Concrete maintenance strip.
16. Line post air drive to max. 72" depth.
17. Existing or compacted sub-grade.
18. See specifications for additional requirements.
19. All fence components to be galvanized, see specs.
20. Fence fabric to be installed on pickleball court side of fence posts.
NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
2. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION FOR FOOTING DESIGN REQUIREMENTS.
3. DIMENSIONS ARE APPROXIMATE. FINAL DIMENSIONS SHALL BE PROVIDED BY THE MANUFACTURER.

NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
2. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION FOR FOOTING DESIGN REQUIREMENTS.
3. DIMENSIONS ARE APPROXIMATE. FINAL DIMENSIONS SHALL BE PROVIDED BY THE MANUFACTURER.
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WILLIAM DELANEY
40252
04-20-2022

LAKE NOKOMIS PICKLEBALL COURTS
MINNEAPOLIS, MINNESOTA

HANSEN THORP PELLINEN ODLIN, Inc.
7510 Market Place Drive    Eden Prairie, MN 55344
952-829-0700    952-829-7806 fax
Engineering  Surveying  Landscape Architecture

NOTE:
1. PROVIDE AND MAINTAIN TWO PROJECT INFORMATION SIGNS, COORDINATE LOCATIONS OF SIGNS WITH OWNER PRIOR TO INSTALLATION.

PROJECT INFORMATION SIGN ON CONSTRUCTION FENCE

NOT TO SCALE

11
12
NOTES:

1. PLACE 3" OF GRADE 2 COMPOST (MnDOT 3880) IN BASIN. ROTOTILL COMPOST INTO THE IN-SITU SOIL TO A MIN. DEPTH OF 12".
2. SCARIFY TOP 18" OF SUBGRADE SOIL PRIOR TO PLACEMENT OF COMPOST.
3. INSTALLATION OF COMPOST SHALL NOT OCCUR UNTIL TRIBUTARY AREAS TO THE BASIN HAVE BEEN STABILIZED.
4. CONTRACTOR SHALL TAKE SPECIAL CARE TO MINIMIZE COMPACTION IN INFILTRATION BASIN AREA.
5. INSTALL SILT FENCE AROUND INFILTRATION BASIN IMMEDIATELY FOLLOWING EXCAVATION OF BASIN.

**INFILTRATION BASIN TYPICAL SECTION**

**NOT TO SCALE**

**DIMENSIONS**

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**ELEVATIONS**

- **Top of Berm:** 845.50
- **Overflow Opening Elevation:** 845.10

**NOT TO SCALE**