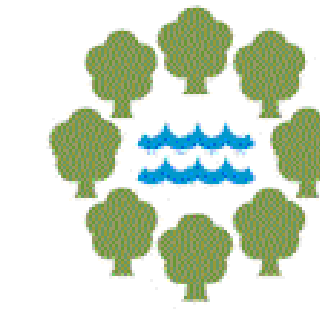




**MINNEAPOLIS
PUBLIC SCHOOLS**
Urban Education. Global Citizens.

FY26 JOINT MPS AND MPRB FASTPITCH SOFTBALL FACILITIES IMPROVEMENTS

MPS Project No. OP 26-2615



**Minneapolis
Park & Recreation Board**

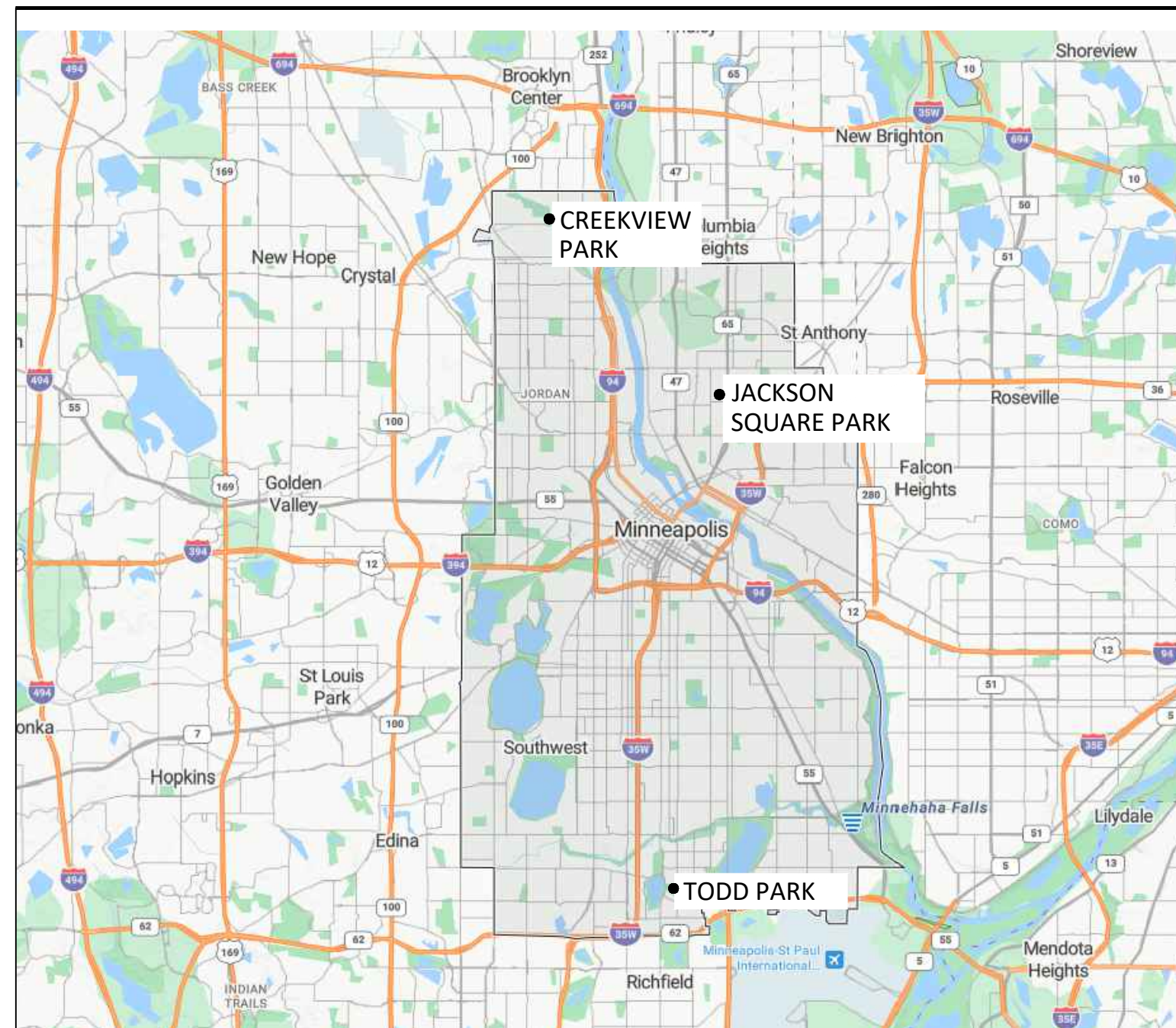
**MINNEAPOLIS PUBLIC SCHOOLS
1250 WEST BROADWAY
MINNEAPOLIS, MN 55413**

**CREEKVIEW PARK
5001 IRVING AVE. NORTH
MINNEAPOLIS, MN 55430**

**JACKSON SQUARE PARK
2212 JACKSON ST. NE
MINNEAPOLIS, MN 55418**

**TODD PARK
5600 CHICAGO AVE. S
MINNEAPOLIS, MN 55417**

VICINITY MAP



UTILITY NOTES

- ALL WATER SERVICE PIPE SHALL BE COPPER TYPE K CONFORMING TO ASTM B 88-62. ALL WATER SERVICE PIPING SHALL HAVE MINIMUM 7"-6" BURY (TOP OF PIPE TO FINISH GRADE).
- ALL STORM SEWER PIPE SHALL BE RCP CLASS III (MIN.) WITH FLEXIBLE WATERTIGHT JOINTS IN ACCORDANCE WITH ASTM C-361 OR PVC PIPE (ASTM D3034, SDR 35) INSTALLED IN ACCORDANCE WITH ASTM D2321, UNLESS OTHERWISE NOTED.
- ALL STORM SEWER PIPE CROSSING WATERMAIN, OUTSIDE OF THE PUBLIC RIGHT-OF-WAY, SHALL BE ASTM D2665, SCHEDULE 40 PVC WITH SOLVENT WELD JOINTS.
- FLEXIBLE JOINTS AT STORM SEWER PIPE CONNECTIONS TO STRUCTURES:
 - IN ACCORDANCE WITH MINNESOTA PLUMBING CODE, PROVIDE FLEXIBLE JOINTS AT ALL PIPE CONNECTIONS TO ALL STORM SEWER STRUCTURES.
 - ACCEPTABLE MANUFACTURERS / PRODUCTS:
 - FERNCO, "CONCRETE MANHOLE ADAPTORS" OR "LARGE-DIAMETER WATERSTOPS"
 - PRESS-SEAL, WATERSTOP GROUTING RINGS"
 - OR APPROVED EQUAL.
- INSTALL WATERMAIN AT LEAST 10 FEET HORIZONTALLY FROM ANY MANHOLE, CATCH BASIN, STORM SEWER, SANITARY SEWER, DRAIN TILE, OR OTHER POTENTIAL SOURCE FOR CONTAMINATION PER MN PLUMBING CODE. THIS ISOLATION DISTANCE IS MEASURED FROM THE OUTER EDGE OF THE PIPE TO THE OUTER EDGE OF THE CONTAMINATION SOURCE (OUTER EDGE OF STRUCTURES OR SIMILAR).
- INSTALL MANHOLES, CATCH BASINS, STORM SEWER, DRAIN TILE, AND OTHER POTENTIAL SOURCES OF CONTAMINATION AT LEAST 10 FEET HORIZONTALLY FROM ANY WATERMAIN PER MN PLUMBING CODE. THIS ISOLATION DISTANCE IS MEASURED FROM THE OUTER EDGE OF THE PIPE TO THE OUTER EDGE OF THE CONTAMINATION SOURCE (OUTER EDGE OF STRUCTURES OR SIMILAR).

GENERAL NOTES

- ALL CONSTRUCTION SHALL COMPLY WITH APPLICABLE STATE AND LOCAL ORDINANCES.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR AND SHALL PAY FOR ALL CONSTRUCTION STAKING / LAYOUT.
- OBTAIN AND PAY FOR ALL RELATED CONSTRUCTION PERMITS, INCLUDING THE NPDES PERMITS FROM THE MPCA. SUBMIT A COPY OF ALL PERMITS TO THE LANDSCAPE ARCHITECT, SPECIAL SCHOOL DISTRICT NO 1, AND MPRB. AN INTERNAL MPRB CONSTRUCTION PERMIT IS REQUIRED AND SHALL BE OBTAINED BY THE CONTRACTOR FOR EACH SITE BEFORE CONTRACTOR MOBILIZES TO SITE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL SIGNAGE (CONSTRUCTION ZONES) NECESSARY TO CONSTRUCT PROPOSED IMPROVEMENTS. ALL SIGNAGE LAYOUTS MUST BE DESIGNED BY THE CONTRACTOR AND APPROVED BY LOCAL AUTHORITIES.
- INSTALL CONTROL FENCING AND BARRICADING AS NECESSARY TO PROTECT THE PUBLIC.
- INSPECT SITES AND REVIEW SOIL BORINGS TO DETERMINE EXTENT OF WORK AND NATURE OF MATERIALS TO BE HANDLED.
- REFER TO SPECIFICATIONS FOR DEWATERING REQUIREMENTS.
- CHECK ALL PLAN AND DETAIL DIMENSIONS AND VERIFY SAME BEFORE FIELD LAYOUT.
- REFER TO THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) NARRATIVES, SHEET XXX, FOR EROSION CONTROL REQUIREMENTS. SECTION 31 00 00 SHALL BE RESPONSIBLE FOR FULL IMPLEMENTATION OF THE SWPPP.
- MAINTAIN ADJACENT PROPERTY AND PUBLIC STREETS CLEAN FROM CONSTRUCTION CAUSED DIRT AND DEBRIS ON A DAILY BASIS. PROTECT DRAINAGE SYSTEMS FROM SEDIMENTATION AS A RESULT OF CONSTRUCTION RELATED DIRT AND DEBRIS.
- MAINTAIN DUST CONTROL DURING GRADING OPERATIONS.
- ALL EROSION CONTROL METHODS SHALL COMPLY WITH MPCA AND LOCAL REGULATIONS.
- MINIMIZE DISTURBANCE TO SITE AND PROTECT EXISTING SITE FEATURES (INCLUDING TURF AND VEGETATION) WHICH ARE TO REMAIN.
- PROPOSED CONTOURS AND SPOT ELEVATIONS ARE SHOWN TO FINISH GRADE UNLESS OTHERWISE NOTED.
- PROPOSED ELEVATIONS SHOWN TYPICALLY AS 42.2 OR 42 SHALL BE UNDERSTOOD TO MEAN 842.2 OR 842.
- SPOT ELEVATIONS SHOWN INDICATE FINISH GRADES, UNLESS NOTED OTHERWISE.
- THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR DETERMINING QUANTITIES OF CUT, FILL AND WASTE MATERIALS TO BE HANDLED, AND FOR AMOUNT OF GRADING TO BE DONE IN ORDER TO COMPLETELY PERFORM ALL WORK INDICATED ON THE DRAWINGS. IMPORT SUITABLE MATERIAL AND EXPORT UNSUITABLE / EXCESS / WASTE MATERIAL, AS REQUIRED, AT NO ADDITIONAL COST TO THE OWNER.
- LOCATE ALL EXISTING UTILITIES. VERIFY LOCATION, SIZE AND INVERT ELEVATION OF ALL EXISTING UTILITIES BEFORE BEGINNING CONSTRUCTION.
- NO FINISHED SLOPES SHALL EXCEED 4' HORIZONTAL TO 1' VERTICAL (4:1), UNLESS OTHERWISE NOTED.
- ALL DISTURBED AREAS, WHICH ARE NOT DESIGNATED TO BE PAVED OR RECEIVE AGLIME, SHALL RECEIVE AT LEAST 6" OF TOPSOIL AND SHALL BE SEED. REFER TO LANDSCAPING PLANS FOR SEED LOCATIONS. ALL AREAS NOT DESIGNATED FOR A SPECIFIC SEED MIX, WHICH ARE DISTURBED BY CONSTRUCTION, SHALL BE SEED WITH SEED MIX #1.
- FAILURE OF TURF DEVELOPMENT: IN THE EVENT THE CONTRACTOR FAILS TO PROVIDE AN ACCEPTABLE TURF, RE-SEED ALL APPLICABLE AREAS, AT NO ADDITIONAL COST TO THE OWNER, TO THE SATISFACTION OF THE ENGINEER OR LANDSCAPE ARCHITECT.
- IF IMPACTED SOIL IS ENCOUNTERED DURING SITE ACTIVITIES, WORK WILL NEED TO STOP AND NOTIFICATION PROVIDED TO THE MINNESOTA STATE DUTY OFFICER AT 651-649-5451.
- PERMITS AND APPROVAL ARE REQUIRED FROM ENVIRONMENTAL SERVICES FOR THE FOLLOWING ACTIVITIES:
 - TEMPORARY STORAGE OF IMPACTED SOILS ON-SITE PRIOR TO DISPOSAL OR REUSE;
 - REUSE OF IMPACTED SOILS ON SITE;
 - DEWATERING AND DISCHARGE OF ACCUMULATED STORM WATER OR GROUND WATER;
 - UNDERGROUND OR ABOVEGROUND TANK INSTALLATION OR REMOVAL;
 - TEMPORARY ENVIRONMENTAL WELLS, WELL CONSTRUCTION OR SEALING- CONTACT TOM FRAME AT 612-673-5807 FOR PERMIT APPLICATIONS AND APPROVALS.
- OBTAIN ALL NECESSARY PERMITS FOR UTILITY CONNECTIONS AND UTILITIES SHALL BE INSPECTED AND APPROVED BY THE CITY. THE CITY SHALL BE NOTIFIED 48-HOURS PRIOR TO COMMENCING WITH THE UTILITY CONSTRUCTION OR ANY REQUIRED TESTING. CONTRACTOR SHALL NOT OPERATE, INTERFERE WITH, CONNECT ANY PIPE OR HOSE TO, OR TAP ANY WATERMAIN BELONGING TO THE CITY UNLESS DULY AUTHORIZED TO DO SO BY THE CITY. ANY ADVERSE CONSEQUENCES OF SCHEDULED OR UNSCHEDULED DISRUPTIONS OF SERVICE TO THE PUBLIC ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- EXISTING WATER SERVICE CONNECTIONS SHALL BE DISCONTINUED AND REMOVED PER THE REQUIREMENT OF PUBLIC WORKS UTILITY CONNECTIONS BEFORE ANY NEW SERVICE LINES CAN BE INSTALLED. CALL (612) 673-2451 FOR MORE INFORMATION.
- ALL SEWER CONSTRUCTION TO COMPLY WITH CITY ENGINEERING DESIGN STANDARDS.
- THE CONTRACTOR SHALL CONTACT MPRB FORESTRY PRESERVATION COORDINATOR - CRAIG PINKALLA, (612) 499-9233, CPINKALLA@MINNEAPOLISPARKS.ORG, PRIOR TO BEGINNING WORK.
- ALL PROPOSED WORK IN THE PUBLIC RIGHT-OF-WAY SHALL COMPLY WITH THE CURRENT EDITION OF THE CITY OF MINNEAPOLIS STANDARD SUPPLEMENTAL SPECIFICATIONS FOR CONSTRUCTION AND MINNESOTA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION.
- A SIDEWALK CONSTRUCTION PERMIT MUST BE OBTAINED PRIOR TO THE START OF ANY WORK IN THE PUBLIC RIGHT-OF-WAY. ANY CONCRETE CONSTRUCTION WORK WITHIN THE PUBLIC RIGHT-OF-WAY MUST BE PERFORMED BY A CONTRACTOR WHO HAS A CERTIFICATE OF LIABILITY INSURANCE (ACORD FORM) ON FILE WITH PUBLIC WORKS SIDEWALK INSPECTIONS PRIOR TO THE START OF ANY WORK WITHIN THE PUBLIC RIGHT-OF-WAY.

Sheet List Table

Sheet Number	Sheet Title
T1.00	TITLE SHEET
TODD PARK	
C0.01	REMOVALS PLAN - TODD
C1.01	FINISHING PLAN - TODD
C1.11	GEOMETRIC PLAN - TODD
C2.01	EROSION PLAN - TODD
C2.11	SWPPP PLAN - TODD
C2.12	SWPPP NARRATIVE - TODD
C2.13	SWPPP SOILS - TODD
C3.01	GRADING AND DRAINAGE PLAN - TODD
C4.01	UTILITY PLAN - TODD
L1.01	LANDSCAPE AND IRRIGATION PLAN - TODD

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JRP

JAY R. POMEROY
LIC. NO. 23543 DATE 02/06/2026



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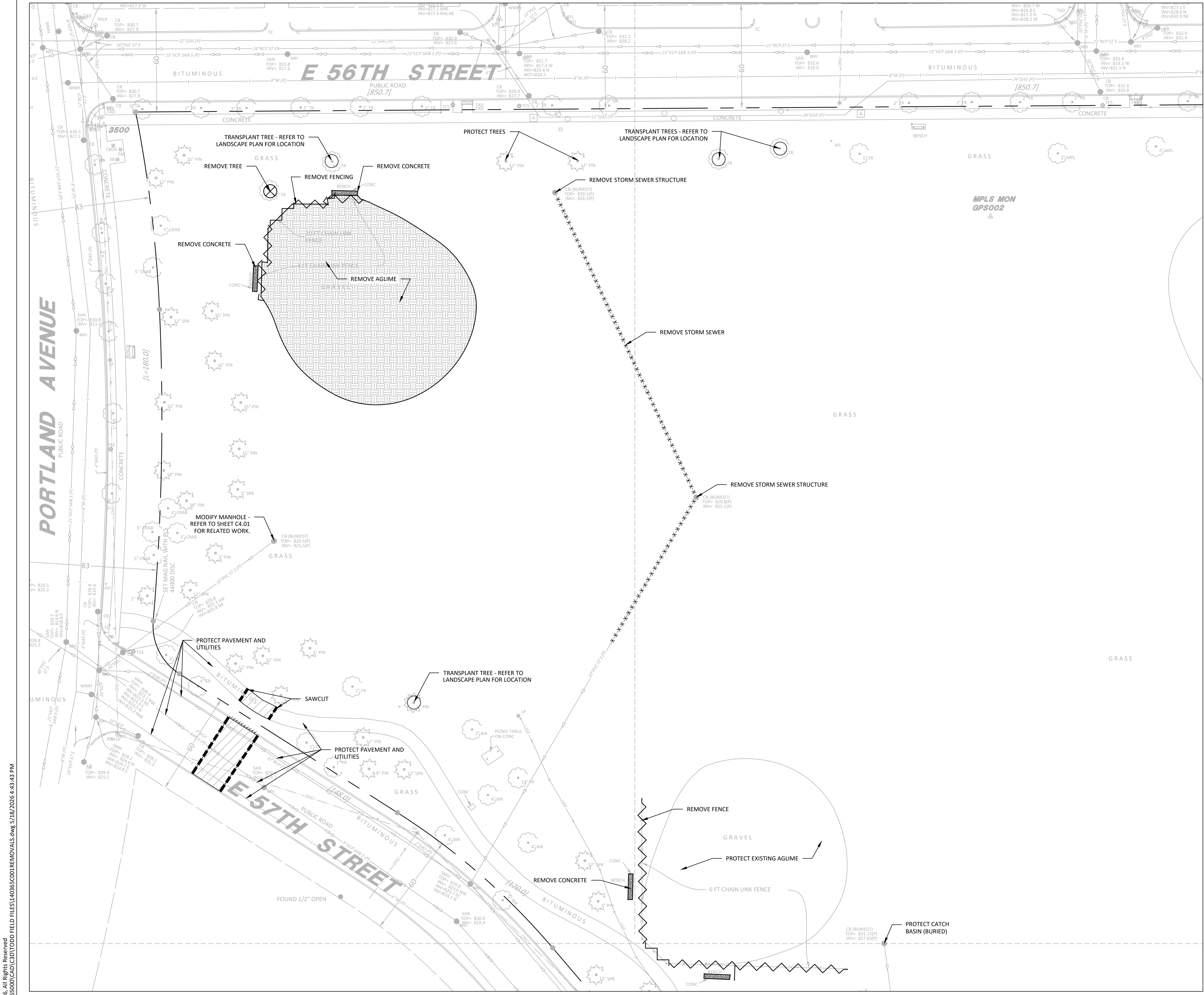
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MINNEAPOLIS PUBLIC SCHOOLS
FY26 FASTPITCH SOFTBALL FACILITIES IMPROVEMENTS - OP 26-2615

TITLE SHEET

SHEET

T1.00



LEGEND

- XXXXXXXXXXXXXXXXX UNDERGROUND UTILITY REMOVALS
- [Hatched Box] CONCRETE PAVEMENT REMOVALS
- [Hatched Box] AGLIME REMOVALS, SALVAGE GOOD QUALITY MATERIAL FOR RE-USE
- [Hatched Box] ASPHALT PAVEMENT REMOVALS
- [Wavy Line] FENCING REMOVALS, INCLUDING FOOTINGS
- [Dashed Line] SAWCUT
- [Dashed Line] CURB AND GUTTER REMOVALS
- [Circle with X] TREE REMOVAL
- [Circle with X] TRANSPLANT TREE - REFER TO LANDSCAPE PLAN FOR LOCATION
- [Dashed Line] PROPERTY LINE

NOTES

1. REFER TO SHEET T1.00, TITLE SHEET, FOR GENERAL NOTES.
2. MINIMIZE DISTURBANCE TO SITE AND PROTECT EXISTING VEGETATION AND SITE FEATURES (CURBS, WALKS, PAVEMENTS, OVERHEAD AND UNDERGROUND UTILITIES, SIGNAGE, FENCING, ROADWAYS, ETC.) WHICH ARE TO REMAIN.
3. REPAIR OR REPLACE EXISTING PROPERTY AND SITE FEATURES, INCLUDING GRASS AND VEGETATION, WHICH IS TO REMAIN THAT IS DAMAGED BY THE WORK, TO THE OWNER'S SATISFACTION AND AT NO ADDITIONAL COST TO THE OWNER.
4. VISIT THE SITE PRIOR TO BIDDING; BE FAMILIAR WITH ACTUAL CONDITIONS IN THE FIELD. EXTRA COMPENSATION WILL NOT BE ALLOWED FOR CONDITIONS WHICH COULD HAVE BEEN DETERMINED OR ANTICIPATED BY EXAMINATION OF THE SITE, THE CONTRACT DRAWINGS AND THE INFORMATION AVAILABLE PERTAINING TO EXISTING SOILS, UTILITIES AND OTHER SITE CHARACTERISTICS.
5. HIRE THE SERVICES OF A UTILITY LOCATOR COMPANY TO LOCATE ALL PRIVATELY OWNED UTILITIES THAT MAY BE DISTURBED BY CONSTRUCTION OPERATIONS.
6. CONTRACTOR SHALL CONTACT MPRB FORESTRY PRESERVATION COORDINATOR - CRAIG PINKALLA, (612) 499-9233, CPINKALLA@MINNEAPOLISPARKS.ORG PRIOR TO BEGINNING WORK.

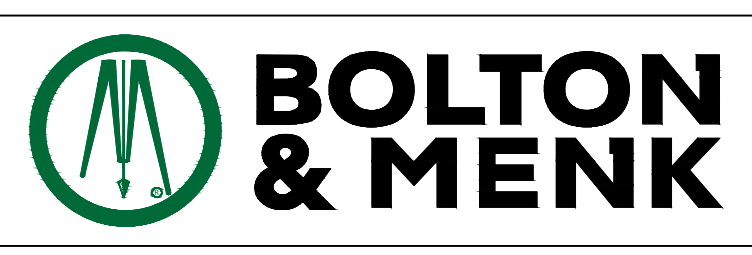
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JRP

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LIC. NO. 23543 DATE 02/06/2026



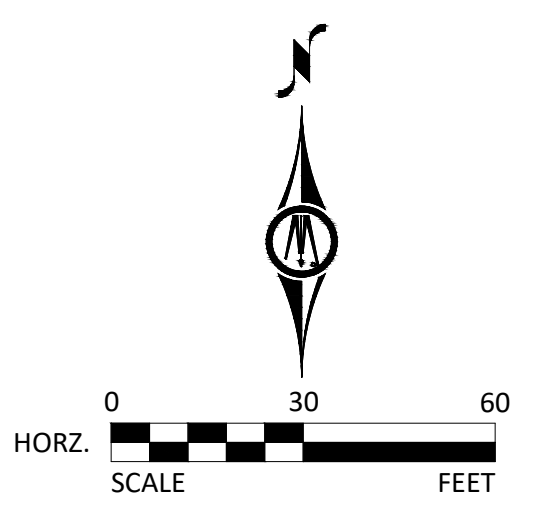
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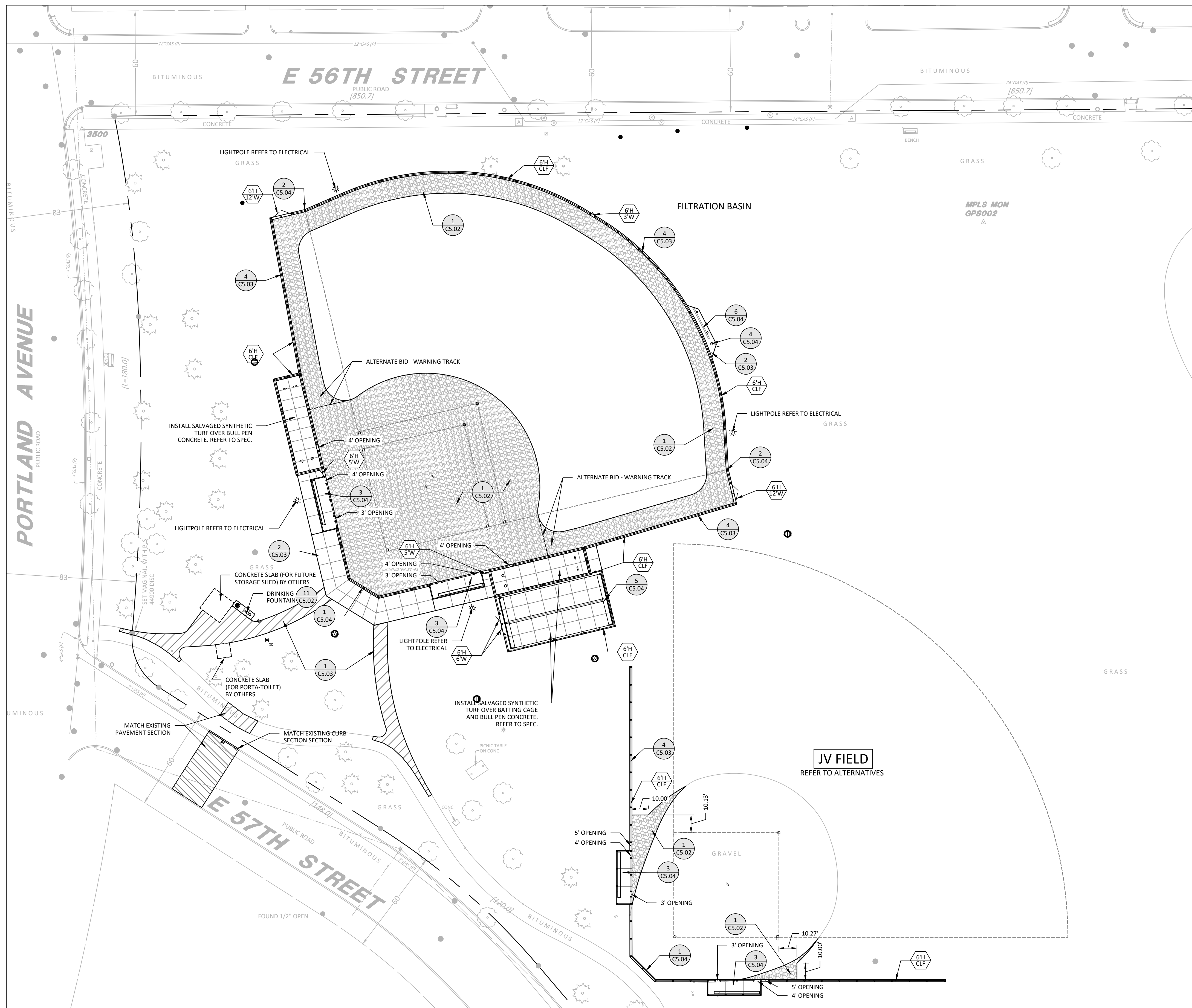
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MINNEAPOLIS PUBLIC SCHOOLS
FY26 FASTPITCH SOFTBALL FACILITIES IMPROVEMENTS - OP 26-2615

REMOVALS PLAN - TODD

SHEET
C0.01





LEGEND

- REFERENCE KEY TO SITE DETAILS
DETAIL I.D. NUMBER (TOP)
DETAIL SHEET NUMBER (BOTTOM)
- PROPOSED CONCRETE WALK
- PROPOSED MEDIUM DUTY ASPHALT PAVEMENT
- PROPOSED AGLIME
- PROPOSED CHAIN LINK FENCING
- PROPOSED CHAIN LINK FENCING WITH MAINTENANCE STRIP
- FENCING KEY NOTE
- PROPOSED MANHOLE (MH)
- PROPOSED CATCH BASIN (CB)
- PROPOSED FLAGPOLE
- PROPOSED LIGHT POLE - REFER TO ELECTRICAL PLANS
- PROPERTY LINE

NOTES

1. REFER TO SHEET T1.00 FOR GENERAL NOTES.
2. CHECK ALL PLAN AND DETAIL DIMENSIONS AND VERIFY SAME BEFORE FIELD LAYOUT.

FENCING KEY NOTES

- 6' HIGH CHAIN LINK FENCE WITH TOP AND BOTTOM RAIL
- 6' HIGH, 3' WIDE SINGLE SWING GATE WITH LOCKING DEVICE
- 6' HIGH, 5' WIDE SINGLE SWING GATE WITH LOCKING DEVICE
- 6' HIGH, 6' WIDE SINGLE SWING GATE WITH LOCKING DEVICE
- 6' HIGH, 12' WIDE DOUBLE SWING GATE WITH LOCKING DEVICE

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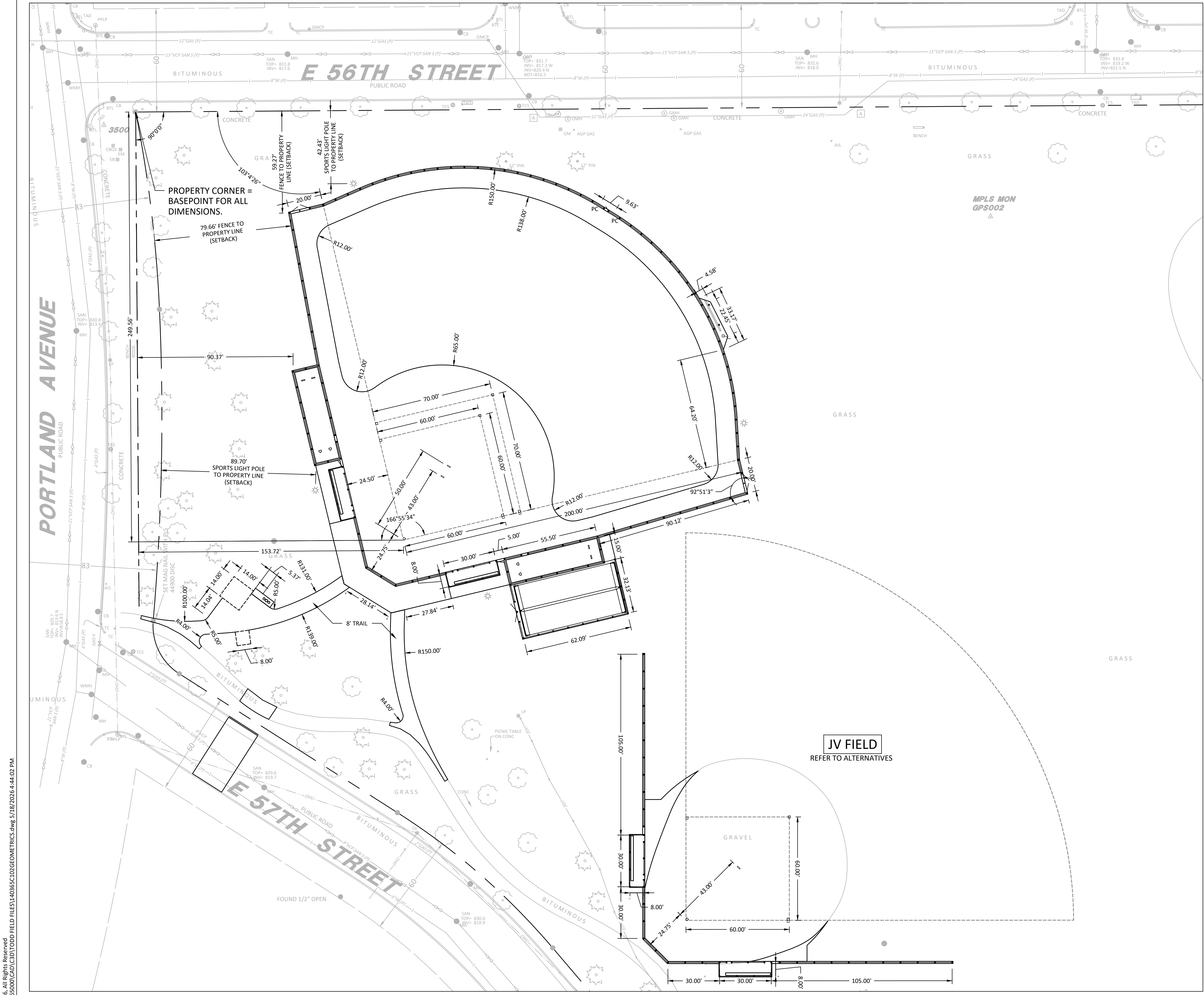


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MINNEAPOLIS PUBLIC SCHOOLS
FY26 FASTPITCH SOFTBALL FACILITIES IMPROVEMENTS - OP 26-2615
FINISHING PLAN - TODD

SHEET
C1.01



LEGEND

	BASELINE FOR DIMENSIONS
	POINT OF CURVATURE
	PROPERTY LINE

- NOTES**
- REFER TO SHEET T1.00, TITLE SHEET, FOR GENERAL NOTES.
 - ALL APPLICABLE DIMENSIONS ARE TO EDGE OF PAVEMENT, CENTERLINE OF FENCE, OR PROPERTY LINE UNLESS OTHERWISE NOTED.
 - CHECK ALL PLAN AND DETAIL DIMENSIONS AND VERIFY SAME BEFORE FIELD LAYOUT.

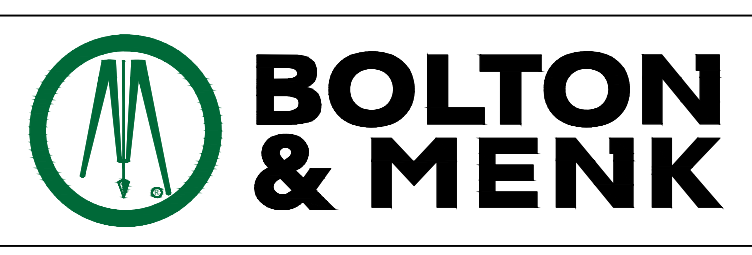
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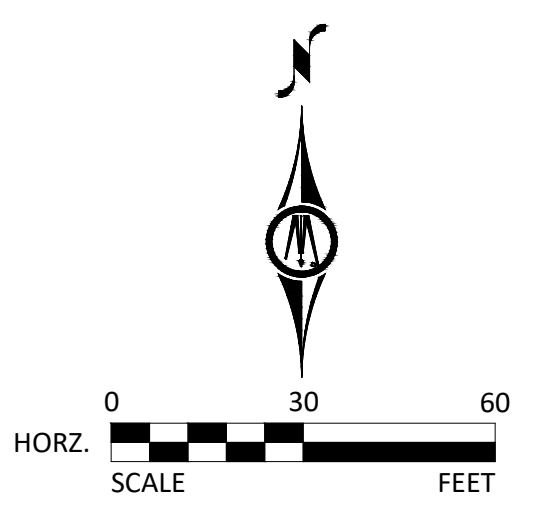
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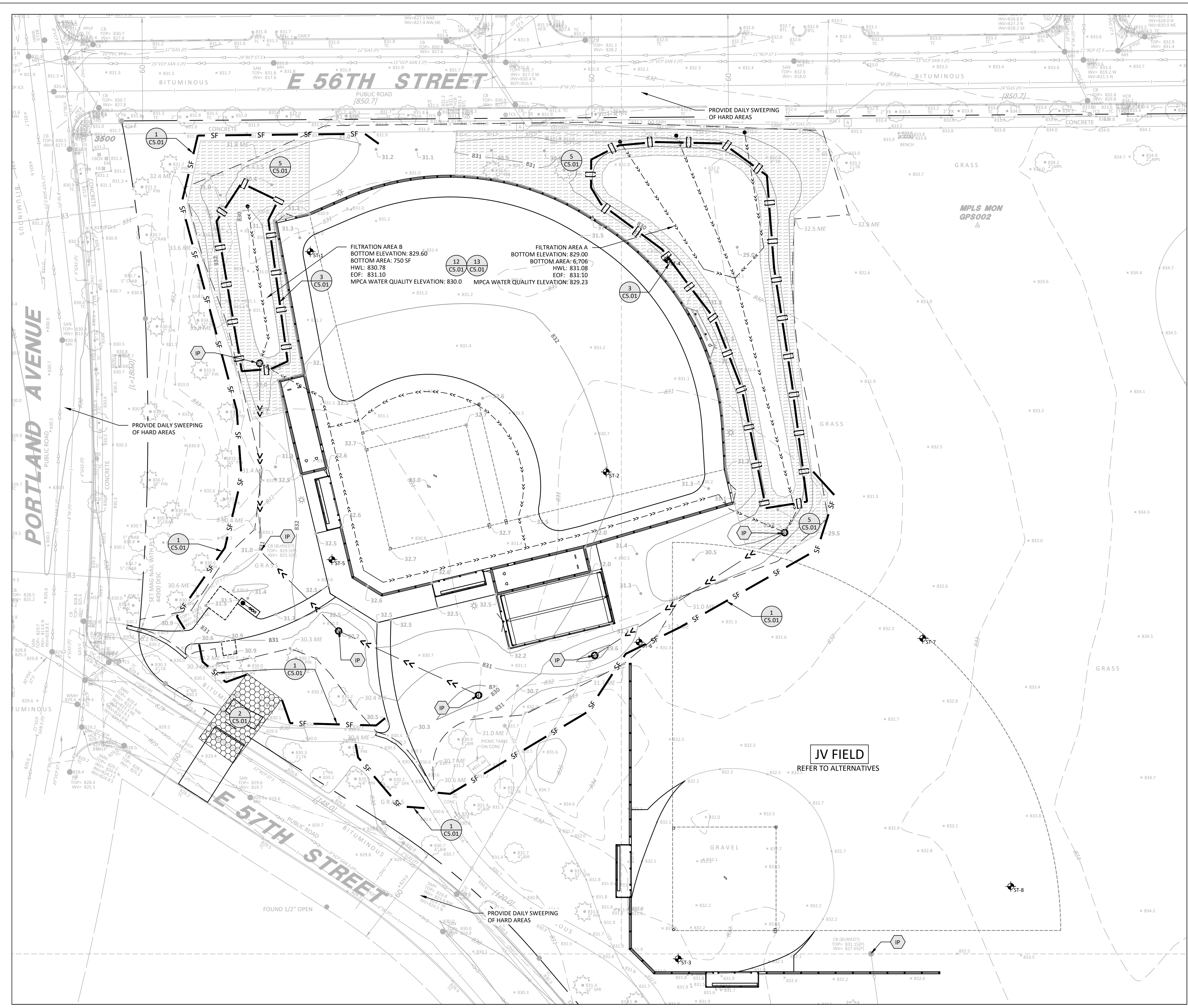


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MINNEAPOLIS PUBLIC SCHOOLS		SHEET C1.11
FY26 FASTPITCH SOFTBALL FACILITIES IMPROVEMENTS - OP 26-2615		
GEOMETRIC PLAN - TODD		





LEGEND

- REFERENCE KEY TO SITE DETAILS
DETAIL I.D. NUMBER (TOP)
DETAIL SHEET NUMBER (BOTTOM)
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED SPOT ELEVATION
ME = MATCH EXISTING
EOF = EMERGENCY OVERFLOW
TC = TOP OF CURB
- PROPOSED GRADING LIMITS
- PROPOSED STORM SEWER
- PROPOSED DRAIN TILE (DT) / SUBSURFACE DRAINS (SD)
- PROPOSED MANHOLE (MH)
- PROPOSED CATCH BASIN (CB)
- INLET PROTECTION DEVICE AT STORM SEWER INLET
- PROPOSED SILT FENCE (1 CS.01)
- PROPOSED SEDIMENT CONTROL LOG (3 CS.01)
- PROPOSED ROCK CONSTRUCTION ENTRANCE (2 CS.01)
- PROPOSED EROSION CONTROL BLANKET (5 CS.01)
- PROPERTY LINE

NOTES

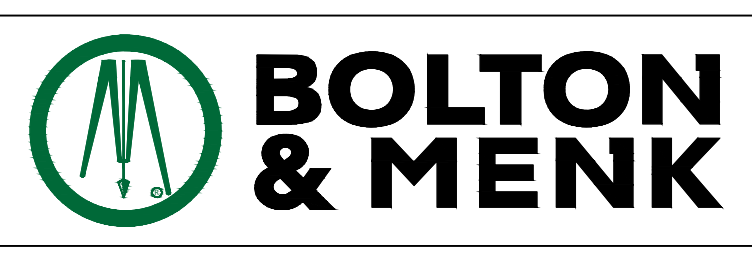
1. REFER TO SHEET T1.00, TITLE SHEET, FOR GENERAL NOTES.
2. REFER TO SWPPP NARRATIVE, SHEET C2.12, FOR CONSTRUCTION SEQUENCING AND EROSION CONTROL REQUIREMENTS.
3. MAINTAIN ADJACENT PROPERTY AND PUBLIC STREETS CLEAN FROM CONSTRUCTION CAUSED DIRT AND DEBRIS ON A DAILY BASIS. PROTECT DRAINAGE SYSTEMS FROM SEDIMENTATION AS A RESULT OF CONSTRUCTION RELATED DIRT AND DEBRIS.
4. MAINTAIN DUST CONTROL DURING GRADING OPERATIONS.
5. ALL EROSION CONTROL METHODS SHALL COMPLY WITH MPCA AND OTHER LOCAL REGULATIONS.
6. IF EROSION AND SEDIMENT CONTROL MEASURES TAKEN ARE NOT ADEQUATE AND RESULT IN DOWNSTREAM SEDIMENTATION, CLEAN OUT DOWNSTREAM STORM SEWERS AND OTHER CONVEYANCE DEVICES AS NECESSARY, INCLUDING ASSOCIATED RESTORATION.
7. INLET PROTECTION DEVICE AT STORM SEWER INLETS. AT THE INLETS TO ALL STORM SEWER STRUCTURES, PROVIDE A PRODUCT FROM THE FOLLOWING LIST OF APPROVED PRODUCTS:
 - a. ROAD DRAIN "TOP SLAB", MANUFACTURED BY WIMCO
 - b. ROAD DRAIN "CURB & GUTTER", MANUFACTURED BY WIMCO
 - c. INFRASAFE "SEDIMENT CONTROL BARRIER", MANUFACTURED BY ROYAL ENVIRONMENTAL SYSTEMS, INC.
 - d. INFRASAFE "DEBRIS COLLECTION DEVICE", MANUFACTURED BY ROYAL ENVIRONMENTAL SYSTEMS, INC.
 - e. INFRASAFE "CULVERT INLET PROTECTOR", MANUFACTURED BY ROYAL ENVIRONMENTAL SYSTEMS, INC.
 - f. DANDY SACK, MANUFACTURED BY DANDY PRODUCTS, INC.
 - g. DANDY CURB SACK, MANUFACTURED BY DANDY PRODUCTS, INC.
 - h. OR APPROVED EQUAL.
8. PRIOR TO CONSTRUCTION, DELINEATE TURF AND VEGETATED AREAS NOT TO BE DISTURBED WITH ORANGE SNOW FENCE. DO NOT ALLOW CONSTRUCTION TRAFFIC, EQUIPMENT, OR MATERIALS TO UTILIZE, ACCESS, OR OTHERWISE ENTER THE DELINEATED AREAS. MINIMIZE SOIL COMPACTION AND DISRUPTION OF TOPSOIL IN AREAS OUTSIDE THE CONSTRUCTION LIMITS TO COMPLY WITH THE MN CONSTRUCTION STORMWATER PERMIT.

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Matthew J. Isakson
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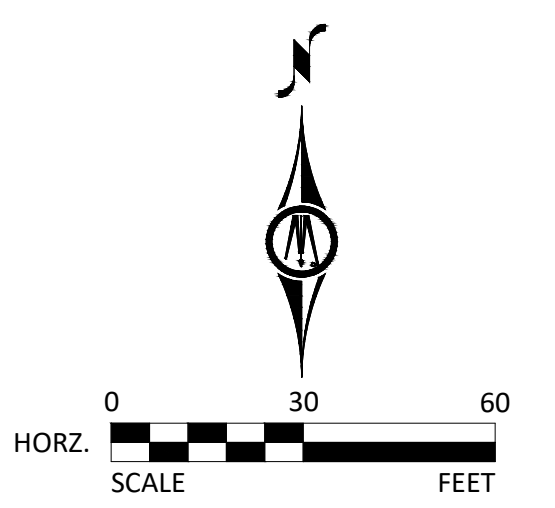
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MINNEAPOLIS PUBLIC SCHOOLS

FY26 FASTPITCH SOFTBALL FACILITIES IMPROVEMENTS - OP 26-2615

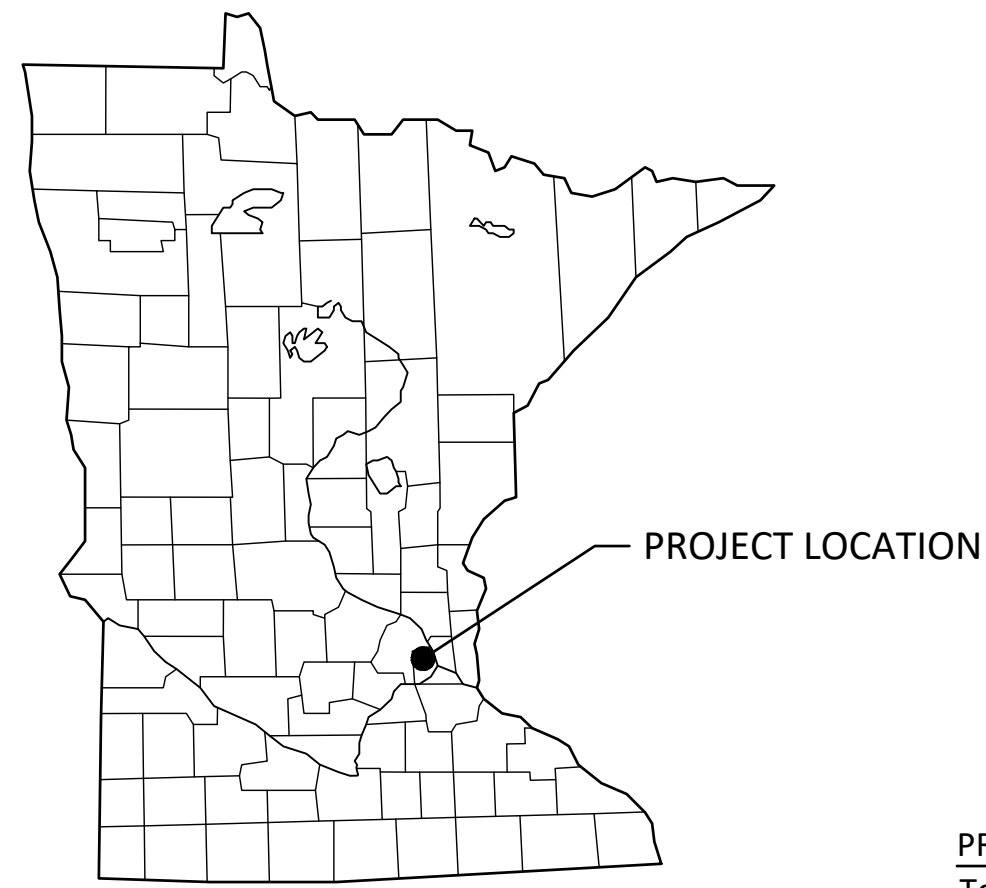
EROSION PLAN - TODD

SHEET
C2.01



STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

FASTPITCH SOFTBALL FACILITIES IMPROVEMENTS - 2026 CITY OF MINNEAPOLIS HENNEPIN COUNTY, MINNESOTA



LEGEND

	1-MILE BOUNDARY
	PROJECT BOUNDARY
	IMPAIRED WATERS
	SPECIAL OR PROTECTED WATERS
	NATIONAL WETLANDS INVENTORY

PROJECT AREAS:

Total Project Size (disturbed area) =	2.3	ACRES
Existing area of impervious surface =	0.9	ACRES
Post construction area of impervious surface =	1.2	ACRES
Total new impervious surface area created =	0.3	ACRES

Planned Construction Start Date:	05/18/2026
Estimated Construction Completion Date:	06/11/2027

PERMANENT STORMWATER MANAGEMENT SYSTEM:

Type of storm water management used if more than 1 acre of new impervious surface is created:

<input checked="" type="checkbox"/>	Wet Sedimentation Basin
<input type="checkbox"/>	Infiltration/Filtration
<input type="checkbox"/>	Regional Pond
<input type="checkbox"/>	Permanent Stormwater Management Not Required

PROJECT LOCATION:

COUNTY	TOWNSHIP	RANGE	SECTION	LATITUDE	LONGITUDE
HENNEPIN	T28N	R24W	23	44.90107°	-93.26561°

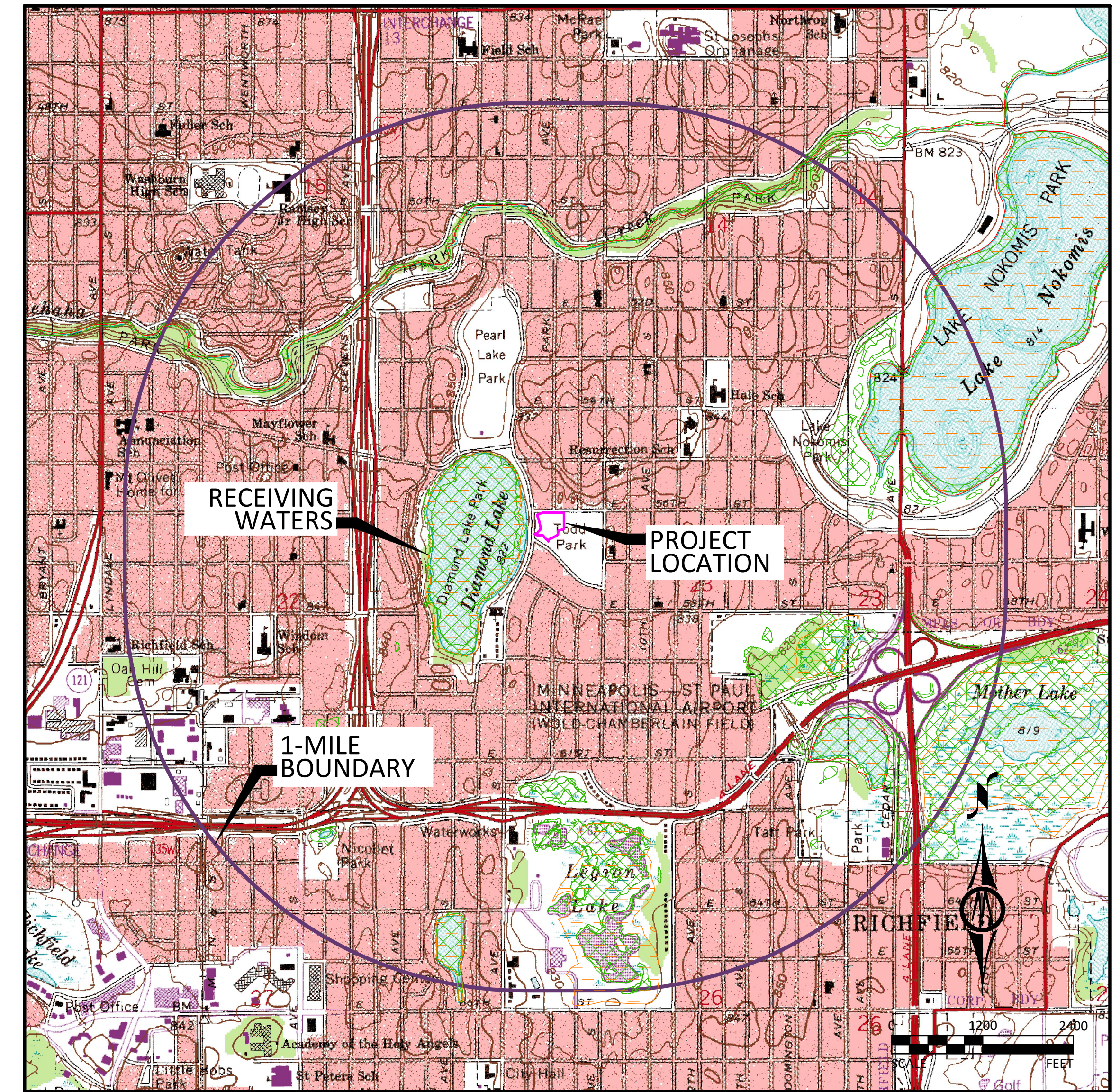
BMP SUMMARY	QUANTITY	UNIT
Rock Construction Entrance	1	Each
Silt Fence	530	LF
Inlet Protection Device	6	Each
Erosion Control Blanket	2270	SY
Sediment Control Log	820	LF

DESCRIPTION OF CONSTRUCTION ACTIVITIES AND STORMWATER MANAGEMENT:

Construction activities include: Site grading, storm sewer installation, temporary erosion and sediment control, and permanent stabilization.

Stormwater currently sheet flows into storm sewer on-site, which discharges into Diamond Lake.

After construction is complete stormwater will sheet flow into storm sewer on-site and discharge into a filtration BMP. The BMP will ultimately discharge into Diamond Lake.



RECEIVING WATERS:

Receiving waters, including surface water, wetlands, Public Waters, and stormwater ponds, within 1-mile of the project boundary are identified on the USGS 7.5 min quad map above. Receiving waters that are impaired, the impairment, and WLA are listed as follows. All specific BMPs relative to construction activities listed in the permit for special, prohibited, restricted, or impaired have been incorporated into this plan. All specific BMPs listed in approved TMDLs and those BMPs listed for construction related waste load allocations have also been incorporated.

NAME OF WATER BODY	TYPE (ditch, pond, wetland, lake, etc.)	Special, Prohibited, Restricted Water ¹	Flows to Impaired Water Within 1-Mile ²	USEPA Approved Construction Related TMDL ³
Diamond Lake	Lake/Wetland	No	Yes	-

¹ Special, prohibited, and restricted waters are listed in Section 23 of the MN Construction Stormwater General Permit (MNR100001).

² Identified as impaired under section 303 (d) of the federal Clean Water Act for phosphorus, turbidity, TSS, dissolved oxygen, and/or aquatic biota.

³ Construction Related TMDLs include those related to: phosphorus, turbidity, TSS, dissolved oxygen, and/or aquatic biota.

IMPLEMENTATION SCHEDULE AND PHASING: The Contractor is required to provide an updated schedule and site management plan meeting the minimum requirements of Section 1717 of the Minnesota Standard Specifications for Construction.

- 1) Submit SWPPP Updates to Engineer. Submittal shall include any requested changes to the SWPPP, including but not limited to: Trained Personnel, Locations for Stockpiles, Concrete Washout, Sanitation Facilities, Types and Locations of Erosion & Sediment Control. Failure to submit updates shall be considered acceptance of the SWPPP as designed with no changes.
- 2) Install perimeter sediment control, inlet protection, and construction exit.
- 3) Grade Site
- 4) Install Storm Sewer
- 5) Pave Trail
- 6) Add additional temporary BMPs as necessary during construction based on inspection reports.
- 7) Ensure final stabilization measures are complete.
- 8) Provide digital copy of all Field SWPPP Documentation including Inspection Reports and SWPPP Revisions to the Owner.
- 9) Submit Notice of Termination (NOT) to MPCA. NOTE: The NOT must be submitted to MPCA before Final Stabilization is considered complete.

RESPONSIBLE PARTIES:

The Contractor and Owner will be joint applicants under the MPCA's General Stormwater Permit for Construction Activity as required by the National Pollutant Discharge Elimination System (NPDES) Phase II program.

The Contractor shall provide one or more trained Construction SWPPP Manager(s) knowledgeable and experienced in the application of erosion prevention and sediment control BMPs that will oversee the implementation of the SWPPP, and the installation, inspection and maintenance of the erosion prevention and sediment control BMPs.

A Construction SWPPP Manager must be available for an on-site inspection within 72 hours upon request by the MPCA.

	COMPANY	CONTACT PERSON	PHONE
OWNER:	Minneapolis Public Schools	Kanjana Foster	612-668-0382
SWPPP DESIGNER:	Bolton & Menk, Inc.	Allison Smith	906-430-5533
CONTRACTOR:	TBD	TBD	TBD
CONSTRUCTION SWPPP MANAGER:	TBD	TBD	TBD
PARTY RESPONSIBLE FOR LONG TERM O&M:	Minneapolis Public Schools	Kanjana Foster	612-668-0382

The SWPPP Designer, Construction SWPPP Manager, and BMP Installer must have appropriate training. Documentation showing training commensurate with the job duties and responsibilities is required to be included in the SWPPP prior to any work beginning on the site. Training documentation for the SWPPP Designer is included on the Narrative sheet. The Contractor shall attach training documentation to this SWPPP for the Construction SWPPP Manager and BMP Installer prior to the start of construction. This information shall be kept up to date until the project NOT is filed.

ADDITIONAL COMPENSATION

Payment for all work associated with Erosion and Sediment Control shall be as described in the Project Manual. Unless otherwise authorized by the Owner no additional payment shall be made for any work required to administer and maintain the site erosion and sediment control in compliance with the Minnesota Pollution Control Agency (MPCA) - General Stormwater Permit for Construction Activity (MN R100001) including but not limited to inspection, maintenance, and removal of BMPs or addition of BMPs to accommodate Contractor phasing.

DOCUMENT RETENTION

Permittees must make the SWPPP, including all inspection reports, maintenance records, training records and other information required by this permit, available to federal, state, and local officials within three (3) days upon request for the duration of the permit and for three (3) years following the NOT.

GENERAL STORMWATER DISCHARGE REQUIREMENTS

All requirements listed in Section 5.1 of the Permit for the design of the permanent stormwater management system and discharge have been included in the preparation of this SWPPP. These include but are not limited to:

1. The expected amount, frequency, intensity, and duration of precipitation.
2. The nature of stormwater runoff and run-on at the site
3. Peak flow rates and stormwater volumes to minimize erosion at outlets and downstream channel and stream bank erosion.
4. The range of soil particle sizes expected to be present on the site.

Permanent stormwater treatment systems for this project have been designed in accordance with the guidance in the MN Stormwater Manual in place at the time of bidding. Copies of the design information and calculations are part of this SWPPP and will be provided in digital format upon written request to the Engineer.



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.

Matthew J. Isakson
MATTHEW J. ISAKSON
LIC. NO. 26678 DATE 02/06/2026



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DESIGNED	NO.	ISSUED FOR	DATE
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CLIENT PROJ. NO.	25X.140365		

MINNEAPOLIS PUBLIC SCHOOLS
FY26 FASTPITCH SOFTBALL FACILITIES IMPROVEMENTS - OP 26-2615

SWPPP PLAN - TODD

SHEET

C2.11

Information contained in this SWPPP narrative sheet summarizes requirements of the GENERAL PERMIT AUTHORIZATION TO DISCHARGE STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITY UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM/STATE DISPOSAL SYSTEM PROGRAM - Permit No: MN R100001 (Permit) as they apply to this project. All provisions of the Permit including those not specifically cited herein shall apply to this project. The Contractor is responsible to be familiar with and comply with all conditions of the permit. The full text of the Permit is available at: <https://www.pca.state.mn.us/sites/default/files/wq-strm2-80a.pdf>

SWPPP AMENDMENTS AND SUBMITTALS

Contractor must prepare and submit to the Engineer a SWPPP amendment as necessary to include additional Best Management Practices (BMPs) to correct problems identified or address the following situations.

1. Contact information and training documentation for Construction SWPPP Manager and BMP Installer,
2. There is a change in construction method of phasing, operation, maintenance, weather or seasonal conditions not anticipated during the design of the SWPPP including but not limited to:
 - a. Types and/or Locations of BMPs
 - b. Material Storage and Spill Response
 - c. Fueling Plans
 - d. Locations for Stockpiles, Concrete Washout, and Sanitation Facilities and
 - e. Project Phasing
3. It is determined that the SWPPP is not achieving objectives of minimizing pollutants in stormwater discharges associated with construction activity, or
4. The SWPPP is not consistent with the terms and conditions of the permit.

The Contractor may implement SWPPP amendments immediately and is not required to wait for Engineer review of the submittal. The responsibility for completeness of SWPPP amendments and compliance with the Permit lies with the Contractor. Review, comment, or lack of comment by the Engineer on a SWPPP amendment shall not absolve the responsibilities of the Contractor in any way.

If a change order is issued for a design change the SWPPP amendment will be prepared by the Engineer and included in the change order.

In addition to SWPPP amendments, the Contractor shall submit to the Engineer Weekly Erosion and Sediment Control Schedule meeting the requirements of MnDOT 1717.

The Contractor shall keep copies of all SWPPP amendments, Weekly Erosion and Sediment Control Schedules, inspection logs, and maintenance logs with the field copy of the SWPPP. A PDF copy of these documents will be provided along with a copy of the final Field Copy of the SWPPP to the Engineer along with the signed Notice of Termination when final stabilization is complete.

EROSION PREVENTION PRACTICES

Stormwater conveyance channels shall be routed around unstabilized areas. Erosion controls and velocity dissipation devices shall be used at outlets within and along the length of any constructed conveyance channel.

The normal wetted perimeter of all ditches or swales, including storm water management pond slopes, that drain waters from the site must be stabilized within 200' of any property edge or discharge point, including storm sewer inlets, within 24 hours of connection.

Temporary or permanent ditches or swales used as sediment containment during construction do not need to be stabilized during temporary period of use and shall be stabilized within 24 hours after no longer used as sediment containment.

Mulch, hydromulch, tackifier, or similar practice shall not be used in any portion of the wetted perimeter of a temporary or permanent drainage ditch or swale section with a continuous slope of greater than 2 percent.

Energy dissipation shall be installed at all temporary or permanent pipe outlets within 24 hours of connection to a surface water or permanent stormwater treatment system.

The Contractor shall phase construction and use construction methods to the extent practical to minimize exposed soils. The project phasing shall be documented in the Weekly Erosion and Sediment Control Schedule.

SEDIMENT CONTROL PRACTICES

Down gradient BMPs including perimeter BMPs must be in place before up gradient land- disturbing activities begin and shall remain in place until final stabilization.

All BMPs that have been adjusted or removed to accommodate short-term activities shall be re-installed or replaced the earlier of the end of the work day or before the next precipitation event even if the activity is not complete.

Inlet BMPs may be removed for specific safety concerns. The BMPs shall be replaced as soon as the safety concern is resolved. The removal shall be documented in the SWPPP as a SWPPP amendment.

Temporary stockpiles must have sediment control BMPs. The Contractor shall prepare and submit to the Engineer a SWPPP amendment showing the location of temporary stockpiles and the BMPs for each stockpile. The SWPPP amendment must meet the minimum requirements of Section 9 of the Permit.

Soil compaction shall be minimized and topsoil shall be preserved, unless infeasible or if construction activities dictate soil compaction or topsoil stripping.

The use of polymers, flocculants, or other sedimentation treatment chemicals are not proposed as part of this SWPPP as designed by the Engineer. If methods or phasing of construction require the use of any of these chemicals, the Contractor shall prepare and submit to the Engineer a SWPPP amendment that meets the minimum requirements of Section 9 of the Permit.

TEMPORARY SEDIMENTATION BASINS

A temporary sedimentation basin has not been included in this SWPPP as designed by the Engineer. If a basin is later determined to be desirable or necessary the Contractor shall prepare and submit to the Engineer a SWPPP amendment. Temporary sedimentation basins shall meet or exceed the minimum requirements of Section 14 of the Permit and shall include a basin draining plan meeting or exceeding the minimum requirements of Section 10 of the Permit. Where the site discharges to Special and/or Impaired Waters the SWPPP amendment shall also meet or exceed the minimum requirements of Section 23 of the permit.

DEWATERING

A dewatering plan has not been included in this SWPPP as designed by the Engineer. If dewatering is required for this project, the Contractor shall prepare and submit to the Engineer a SWPPP amendment. All dewatering shall meet or exceed the minimum requirements of Section 10 of the Permit.

POLLUTION PREVENTION

Products and materials that have the potential to leach pollutants that are stored on the site must be stored in a manner designed to minimize contact with stormwater. Materials that are not a source of potential contamination to stormwater or that are designed for exposure to stormwater are not required to be covered.

Hazardous materials including but not limited to pesticides, fertilizer, petroleum products, curing compounds and toxic waste must be properly stored and protected from stormwater exposure as recommended by the manufacturer in an access restricted area.

Solid waste must be stored, collected and disposed of in compliance with Minnesota Administrative Rules Chapter 7035.

Portable toilets must be positioned so that they are secure and will not be tipped or knocked over. Sanitary waste must be disposed of properly in accordance with Minn. R. CH 7041.

Exterior vehicle or equipment washing on the project site shall be limited to a defined area of the site. No engine degreasing is allowed on site. A sign must be installed adjacent to each washout facility that requires site personnel to utilize the proper facilities for disposal of concrete and other washout wastes.

The Contractor shall prepare and submit a SWPPP amendment detailing the location and BMPs proposed for storage of materials, solid waste, portable toilets, and exterior vehicle or equipment washing on the site. The SWPPP amendment shall include a spill prevention and response plan that is appropriate for the materials proposed to be on the site. The SWPPP amendment shall meet or exceed the minimum requirements of Section 12 of the Permit.

INSPECTION & MAINTENANCE

A trained person shall routinely inspect the entire construction site at the time interval indicated on this sheet of the SWPPP during active construction and within 24-hours after a rainfall event greater than 0.5 inches in 24 hours. Following an inspection that occurs within 24-hours after a rainfall event, the next inspection must be conducted at the time interval indicated in the Receiving Waters Table found on the SITE PLAN AND INFORMATION SHEET of the SWPPP.

All inspections and maintenance conducted during construction must be recorded on the day it is completed and must be retained with the SWPPP. Inspection report forms are available in the Project Specifications. Inspection report forms other than those provided shall be approved by the engineer.

The Contractor may request a change in inspection schedule for the following conditions:

- a. Inspections of areas with permanent cover to be reduced to once per month,
- b. Inspections of areas that have permanent cover and have had no construction activity for 12 months to be suspended until construction resumes,
- c. Inspections of areas where construction is suspended due to frozen ground conditions, inspections to be suspended until the earlier of within 24 hours of runoff occurring, or upon resuming construction.

No change in inspection schedule shall occur until authorized by the Engineer.

Inspections must include:

1. All erosion prevention and sediment control BMPs and Pollution Prevention Management Measures to ensure integrity and effectiveness.
2. Surface waters, including drainage ditches and conveyance systems for evidence of erosion and sediment deposition.
3. Construction site vehicle exit locations, streets and curb and gutter systems within and adjacent to the project for sedimentation from erosion or tracked sediment from vehicles.
4. Infiltration areas to ensure that no sediment from ongoing construction activity is reaching the infiltration area and that equipment is not being driven across the infiltration area.

All non-functioning BMPs and those BMPs where sediment reaches one-half (1/2) of the depth of the BMP, or in the case of sediment basins one-half (1/2) of the storage volume, must be repaired, replaced, or supplemented by the end of the next business day after discovery, or as soon as field conditions allow.

Permittees must repair, replace or supplement all nonfunctional BMPs with functional BMPs by the end of the next business day after discovery, or as soon as field conditions allow.

Any sediment that escapes the site must be removed and the area stabilized within 7 calendar days of discovery unless precluded by legal, regulatory, or physical access in which case the work shall be completed within 7 calendar days of authorization. Paved surfaces such as streets shall have any escaped or tracked sediment removed by the end of the day that it is discovered. Sediment release, other than paved surfaces that can be cleaned up with street sweeping shall be reported immediately upon discovery to the Engineer.

PUBLIC WATER RESTRICTIONS:

For public waters that have been promulgated "work in water restrictions" during fish spawning time frames, all exposed soil areas that are within 200 feet of the water's edge, and drain to these waters must complete stabilization within 24-hours during the time period. MN DNR permits are not valid for work in waters that are designated as infested waters unless accompanied by an Infested Waters Permit or written notification has been obtained from MN DNR stating that such permit is not required. There is no exception for pre-existing permits. If a MN DNR Permit has been issued for the project and the water is later designated as infested, the Contractor shall halt all work covered by the MN DNR Permit until an Infested Waters Permit is obtained or that written notification is obtained stating that such permit is not required.

FINAL STABILIZATION

Final Stabilization is not complete until all the following requirements have been met:

1. Substantial Completion has been reached and no ground disturbing activities are anticipated.
2. Permanent cover has been installed with an established minimum uniform perennial vegetation density of 70 percent of its expected final growth. Vegetation is not required in areas where no vegetation is proposed by this project such as impervious surfaces or the base of a sand filter.

3. Accumulated sediment has been removed from all permanent stormwater treatment systems as necessary to ensure the system is operating as designed.
4. All sediment has been removed from conveyance systems
5. All temporary synthetic erosion prevention and sediment control BMPs have been removed. BMPs designated on the SWPPP to remain to decompose on-site may remain.
6. For residential construction only, permit coverage terminates on individual lots if the structures are finished and temporary erosion prevention and downgradient perimeter control is complete, the residence sells to the homeowner, and the permittee distributes the MPCA's "Homeowner Fact Sheet" to the homeowner.
7. For agricultural land only (e.g., pipelines across cropland), the disturbed land must be returned to its preconstruction agricultural use prior to submitting the NOT.

SITE STABILIZATION COMPLETION:

Stabilization of exposed soils shall begin immediately and shall be completed after the construction activity has temporarily or permanently ceased no later than:	14 calendar days
--	------------------

SITE INSPECTION INTERVAL:

A trained person shall routinely inspect the entire construction site during active construction at an interval of no more than:	7 calendar days
--	-----------------

SPECIAL ENVIRONMENTAL CONSIDERATIONS AND PERMITS:

1)	Was an environmental review required for this project or any part of a common plan of development or sale that includes all or any portion of this project?	NO
2)	Does any portion of the site have the potential to affect threatened or endangered species or their critical habitat?	NO
3)	Does any portion of this site discharge to a Calcareous fen.	NO
4)	Will any portion of the site potentially affect properties listed on the National Register of Historic Places or a known or discovered archeological site?	NO
5)	Have any Karst features have been identified in the project vicinity?	NO
6)	Is compliance with temporary or permanent stormwater management design requirements infeasible for this project?	NO
7)	Has the MN DNR promulgated "work in water restrictions" for any Public Water this site discharges to during fish spawning?	NO

TYPE OF PERMIT	PERMITTING AGENCY	PERMIT STATUS AND CONDITIONS
Construction Stormwater NPDES	MPCA	In Progress

SWPPP DESIGNER TRAINING DOCUMENTATION:



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Matthew J. Isakson

MATTHEW J. ISAKSON
LIC. NO. 26678 DATE 02/06/2026



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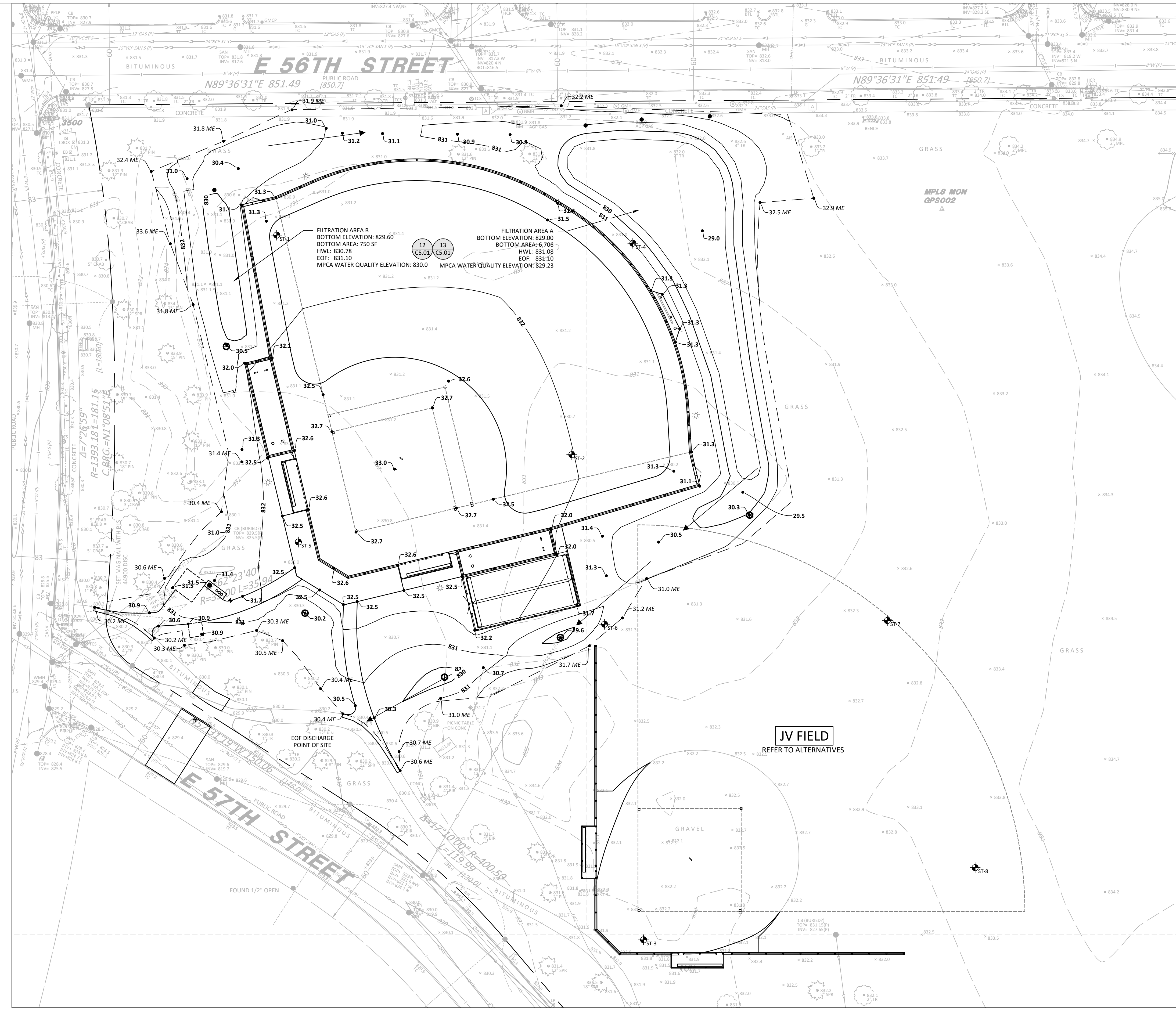
MINNEAPOLIS PUBLIC SCHOOLS

FY26 FASTPITCH SOFTBALL FACILITIES IMPROVEMENTS - OP 26-2615

SWPPP NARRATIVE - TODD

SHEET

C2.12



LEGEND	
	EXISTING CONTOUR
	EXISTING SPOT ELEVATION
	PROPOSED CONTOUR
	PROPOSED SPOT ELEVATION
	ME = MATCH EXISTING
	EOF = EMERGENCY OVERFLOW
	TC = TOP OF CURB
	PROPOSED GRADING LIMITS
	APPROXIMATE SOIL BORING LOCATION
	PROPOSED MANHOLE (MH)
	PROPOSED CATCH BASIN (CB)
	PROPOSED FLARED END SECTION (FES)
	PROPOSED GATE VALVE (GV)
	EMERGENCY OVERFLOW PATHWAY
	PROPOSED STOOP - REFER TO ARCHITECTURAL PLANS
	PROPERTY LINE

GRADING AND DRAINAGE NOTES

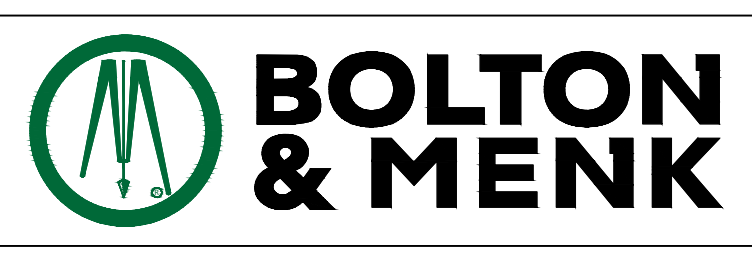
1. REFER TO SHEET T1.00, TITLE SHEET, FOR GENERAL NOTES.

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JAY R. POMEROY
LIC. NO. 23543 DATE 02/06/2026

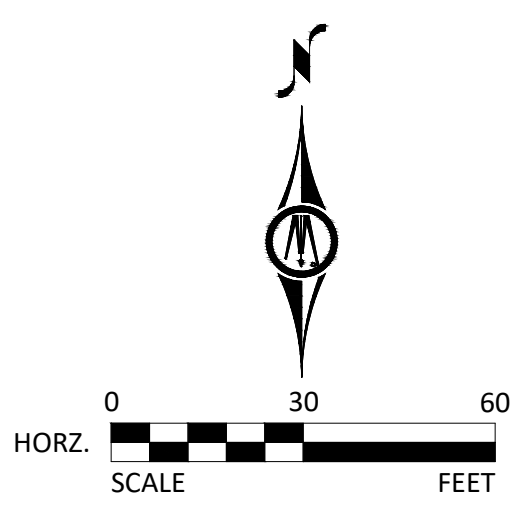


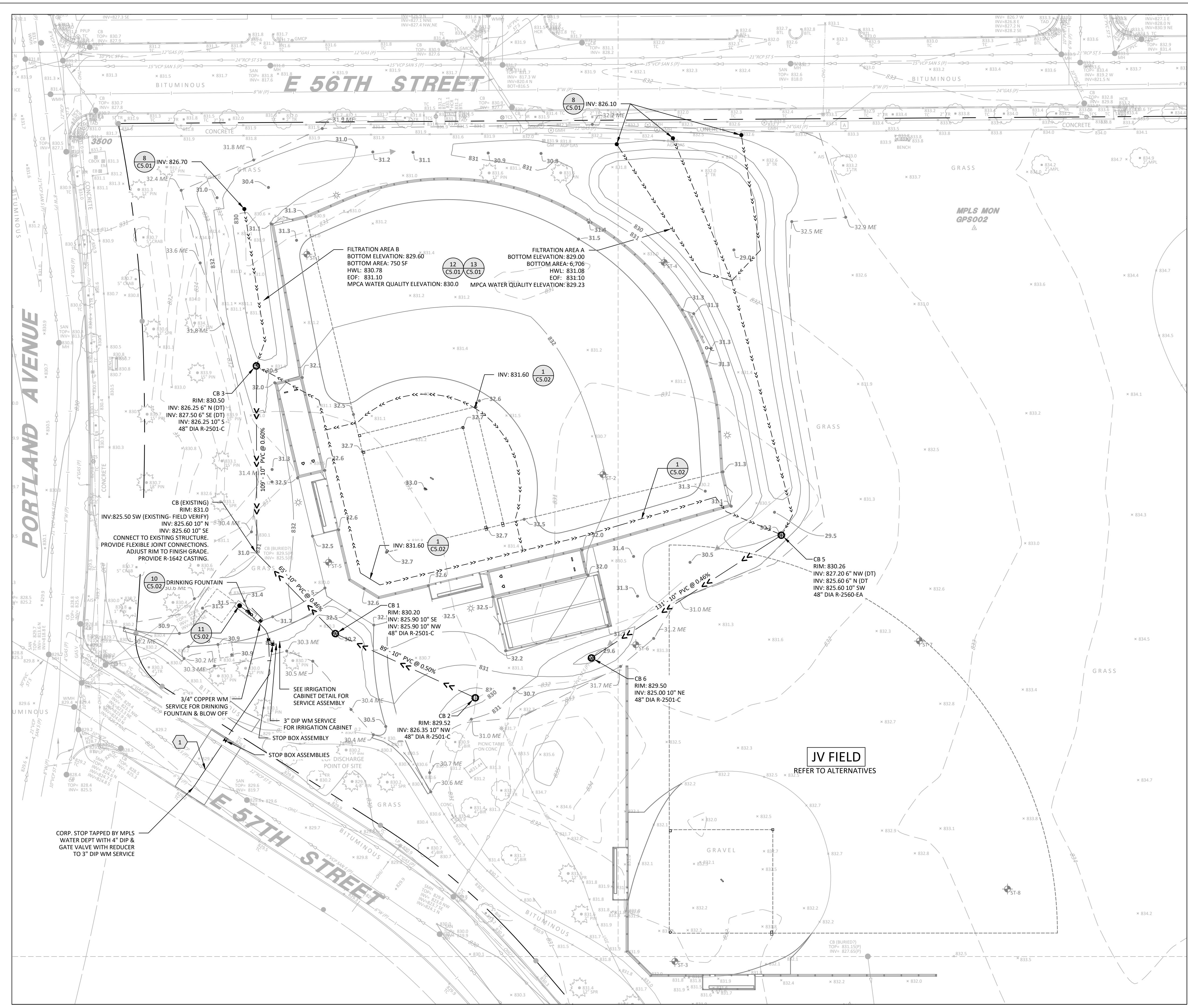
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CLIENT PROJ. NO.	25X.140365		

MINNEAPOLIS PUBLIC SCHOOLS
FY26 FASTPITCH SOFTBALL FACILITIES IMPROVEMENTS - OP 26-2615
GRADING AND DRAINAGE PLAN - TODD

SHEET
C3.01



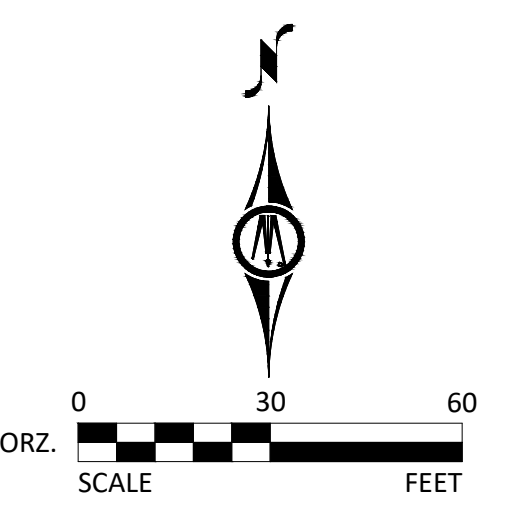


LEGEND

- 1
CS.01 REFERENCE KEY TO SITE DETAILS
DETAIL I.D. NUMBER (TOP)
DETAIL SHEET NUMBER (BOTTOM)
- 833 EXISTING CONTOUR
- + 833.2 EXISTING SPOT ELEVATION
- 833 PROPOSED CONTOUR
- 33.6 PROPOSED SPOT ELEVATION
ME = MATCH EXISTING
EOF = EMERGENCY OVERFLOW
TC = TOP OF CURB
- PROPOSED GRADING LIMITS
- >> PROPOSED STORM SEWER 6
CS.01
- |--- PROPOSED WATERMAIN / SERVICE 7
CS.01 9
CS.02 10
CS.02 11
CS.02
- >>--- PROPOSED DRAIN TILE (DT) 9
CS.01 1
CS.02
- PROPOSED MANHOLE (MH) 3
CS.02
- PROPOSED CATCH BASIN (CB) 2
CS.02
- PROPOSED CURB BOX
- ① PROVIDE MINIMUM 18" VERTICAL SEPARATION AT CROSSING - PROVIDE VERTICAL BENDS IN WATERMAIN AS REQUIRED TO ACCOMPLISH. CENTER ONE LENGTH WATERMAIN PIPE ON CROSSING.
- PROPERTY LINE

NOTES

1. REFER TO SHEET T1.00, TITLE SHEET, FOR GENERAL AND UTILITY NOTES.

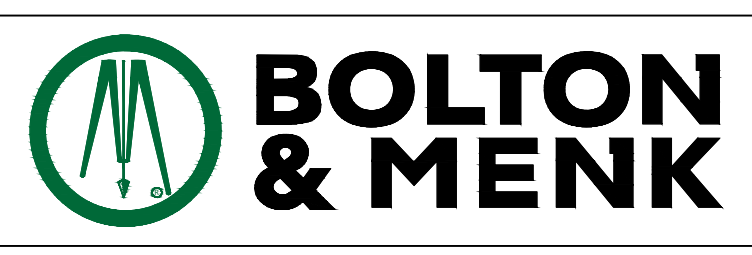


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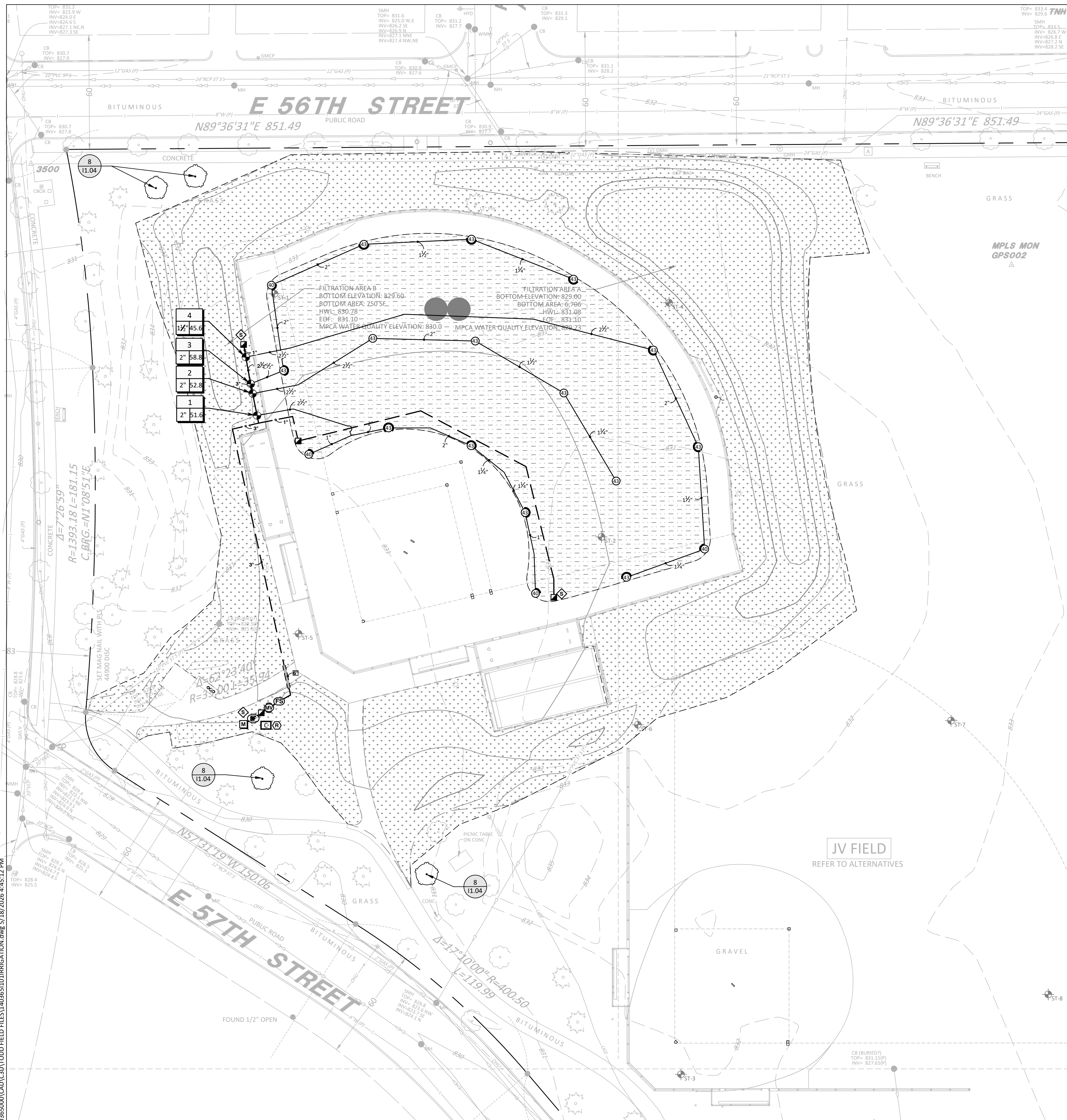


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MINNEAPOLIS PUBLIC SCHOOLS
 FY26 FASTPITCH SOFTBALL FACILITIES IMPROVEMENTS - OP 26-2615
 UTILITY PLAN - TODD

SHEET
C4.01



LEGEND

- TURF ROTOR SPRINKLERS
- REMOTE CONTROL VALVE
- QUICK COUPLER VALVE
- BACKFLOW PREVENTION DEVICE
- WATER METER
- IRRIGATION CONTROLLER
- RAIN SENSOR
- IRRIGATION LATERAL LINE
- IRRIGATION MAINLINE
- SLEEVING
- PROPOSED SEED MIX #1
- PROPOSED ATHLETIC SEED MIX
- PROPOSED TRANSPLANTED TREE

TODD PARK IRRIGATION NOTES

- REFER TO SHEET T1.01, TITLE SHEET, FOR GENERAL NOTES.
- REFER TO SHEET I1.04, IRRIGATION DETAILS, FOR GENERAL IRRIGATION NOTES.
- IRRIGATION SYSTEM IS DESIGNED FOR +/-60 PSI AT THE BASE OF ALL SPRINKLER HEADS. WATER PRESSURE AT THE WATER SUPPLY HAS BEEN ASSUMED TO BE +/-70 PSI AT TODD PARK. NOTIFY LANDSCAPE ARCHITECT IF WATER SOURCE PRESSURE DIFFERS.

LANDSCAPE NOTES

- LANDSCAPE ARCHITECT MUST INSPECT AND APPROVE FINE GRADING BEFORE CONTRACTOR PROCEEDS WITH SEEDING.
- ALL DISTURBED AREAS OUTSIDE THE BUILDING PAD, WHICH ARE NOT DESIGNATED TO BE PAVED OR RECEIVE AGLIME, SHALL RECEIVE AT LEAST 6" OF TOPSOIL AND SHALL BE SEEDDED. ALL AREAS NOT DESIGNATED FOR A SPECIFIC SEED MIX, WHICH ARE DISTURBED BY CONSTRUCTION, SHALL BE SEEDDED WITH SEED MIX #1.
- FAILURE OF TURF DEVELOPMENT: IN THE EVENT THE CONTRACTOR FAILS TO PROVIDE AN ACCEPTABLE TURF, RE-SOD OR RE-SEED ALL APPLICABLE AREAS, AT NO ADDITIONAL COST TO THE OWNER, TO THE SATISFACTION OF THE ENGINEER OR LANDSCAPE ARCHITECT.
- BEGIN TURF ESTABLISHMENT IMMEDIATELY AFTER SEEDING. REFER TO SPECIFICATION FOR PROCEDURE.

VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	GPM	PSI	PSI @ POC	PRECIP
1	TORO P220-26-9 GLOBE	2"	TURF ROTOR	51.6	44.9	62.2	1.17 in/h
2	TORO P220-26-9 GLOBE	2"	TURF ROTOR	52.8	47.1	64.5	0.47 in/h
3	TORO P220-26-9 GLOBE	2"	TURF ROTOR	58.8	48.7	66.5	0.99 in/h
4	TORO P220-26-9 GLOBE	1-1/2"	TURF ROTOR	45.6	45.4	62.4	1.01 in/h

IRRIGATION SCHEDULE - TODD PARK

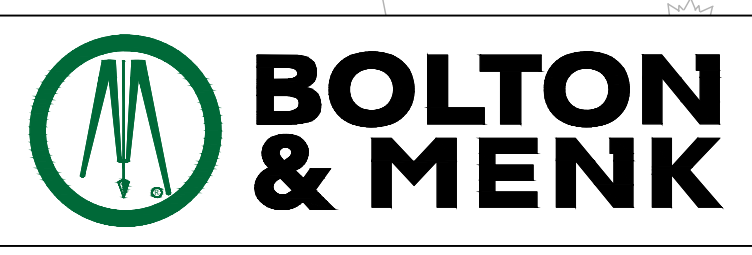
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI	GPM	RADIUS
40	TORO 640-02 40 TURF ROTOR, 2-3/8IN. POP-UP, STAINLESS STEEL-ENCASED NOZZLE. COMMERCIAL APPLICATIONS. 1IN. INLET, NPT THREADED. WITH CHECK-O-MATIC CHECK VALVE, AND ADJUSTABLE ARC TRAJECTORY.	4	40	6	42'
43	TORO 640-02 43 TURF ROTOR, 2-3/8IN. POP-UP, STAINLESS STEEL-ENCASED NOZZLE. COMMERCIAL APPLICATIONS. 1IN. INLET, NPT THREADED. WITH CHECK-O-MATIC CHECK VALVE, AND ADJUSTABLE ARC TRAJECTORY.	14	40	13.2	50'
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY			
	TORO P220-26-9 GLOBE 1-1/2" ELECTRIC, 1IN., 1-1/2IN., 2IN. AND 3IN. PLASTIC IN-LINE REMOTE CONTROL VALVE. EQUIPPED TO WITHSTAND PRESSURE UP TO 220 PSI. FILTER SCREEN ON 2IN. AND 3IN. MODELS. DC LATCHING SOLENOID. GLOBE BODY STYLE.	1			
	TORO P220-26-9 GLOBE 2" ELECTRIC, 1IN., 1-1/2IN., 2IN. AND 3IN. PLASTIC IN-LINE REMOTE CONTROL VALVE. EQUIPPED TO WITHSTAND PRESSURE UP TO 220 PSI. FILTER SCREEN ON 2IN. AND 3IN. MODELS. DC LATCHING SOLENOID. GLOBE BODY STYLE.	3			
	HUNTER HQ-3RC 3/4" QUICK COUPLER VALVE, YELLOW RUBBER COVER, RED BRASS AND STAINLESS STEEL, WITH 3/4IN. NPT INLET, 1-PIECE BODY.	3			
	TORO 075-SLSC 3/4" ONE-PIECE, 3/4IN. SINGLE LUG, QUICK COUPLER VALVE WITH STANDARD METAL COVER.	1			
	TORO P220-26-9 GLOBE MASTER VALVE 2" ELECTRIC, 1IN., 1-1/2IN., 2IN. AND 3IN. PLASTIC IN-LINE MASTER VALVE. EQUIPPED TO WITHSTAND PRESSURE UP TO 220 PSI. FILTER SCREEN ON 2IN. AND 3IN. MODELS. DC LATCHING SOLENOID. GLOBE BODY STYLE.	1			
	WATTS 909RPDA 3" REDUCED PRESSURE BACKFLOW PREVENTER	1			
	HUNTER A2C-1200-M 12-STATION CONTROLLER IN AN OUTDOOR GRAY STEEL WALL MOUNT ENCLOSURE.	1			
	HUNTER MINI-CLICK RAIN SENSOR, MOUNT AS NOTED	1			
	TORO TW-LA-1 SUREGE ARRESTOR REQUIRED WITHING 500 FEET OF ANY DECODER AND AT THE END OF WIRE RUNS.	3			
	FLOMEC QS200-20 2" 2IN. INSERTION FLOWMETER, SCHEDULE 80 PVC HOUSING. .92 GPM-138 GPM RANGE, MAX. OPERATING PRESSURE 150 PSI. 2-WIRE CONNECTOR W/ LED INDICATORS FOR POWER AND PULSE. STORAGE TEMPS -20 F TO +160 F.	1			
	WATER METER 3"	1			
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40 1"	71.0 LF			
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40 1 1/4"	202.5 LF			
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40 1 1/2"	166.7 LF			
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40 2"	276.8 LF			
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40 2 1/2"	362.1 LF			
	IRRIGATION MAINLINE: PVC SCHEDULE 40 1"	237.3 LF			
	IRRIGATION MAINLINE: PVC SCHEDULE 40 2 1/2"	14.3 LF			
	IRRIGATION MAINLINE: PVC SCHEDULE 40 3"	207.2 LF			
	PIPE SLEEVE: PVC SCHEDULE 80 6"	11.8 LF			

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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.

JAY R. POMEROY
LIC. NO. 23543 DATE 02/06/2026



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DESIGNED	JRP	NO. A1	ISSUED FOR	DATE
DRAWN	BDS		ADDENDUM #1	02/23/2026
CHECKED	JRP			
CLIENT PROJ. NO.	25X.140365			