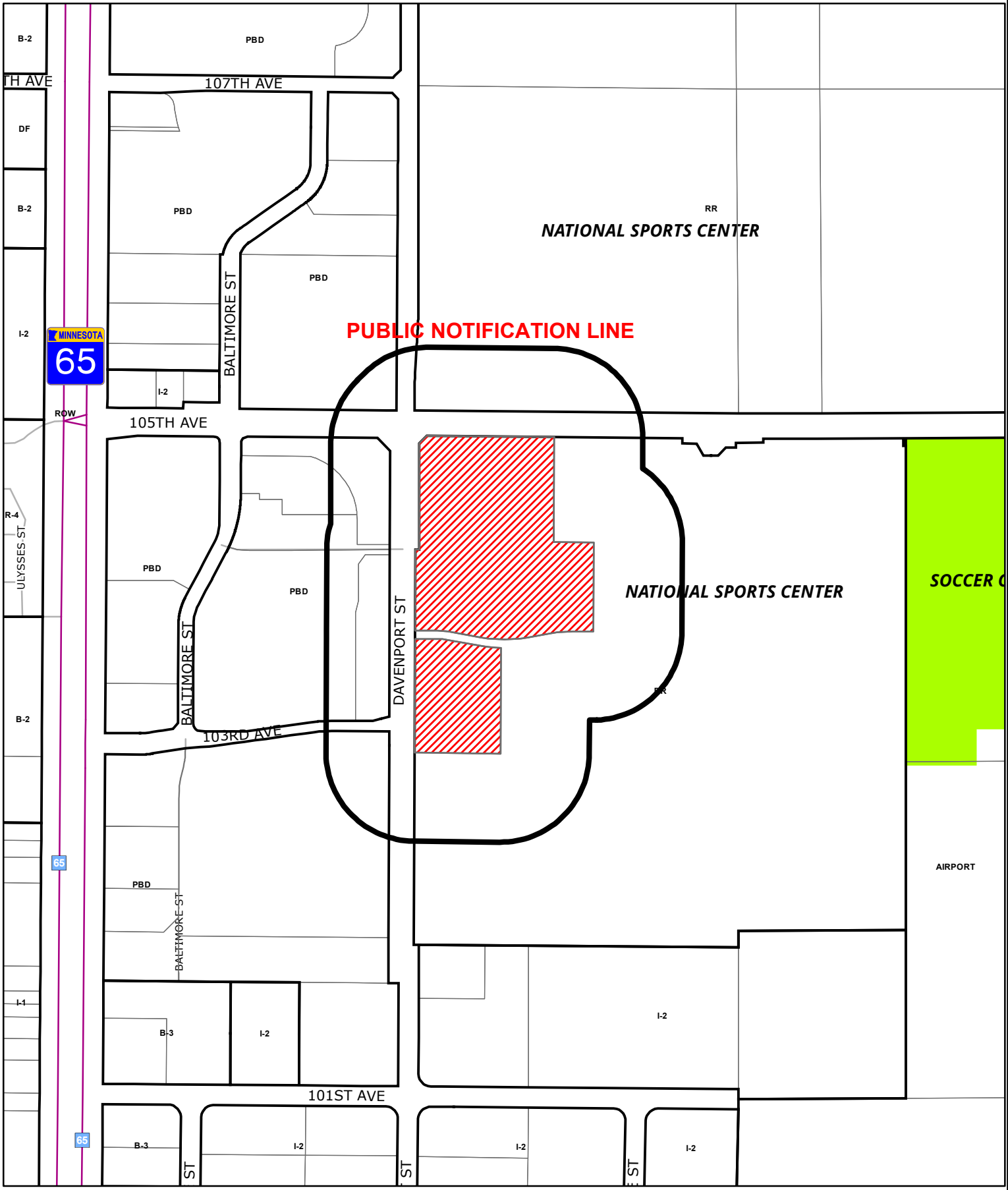
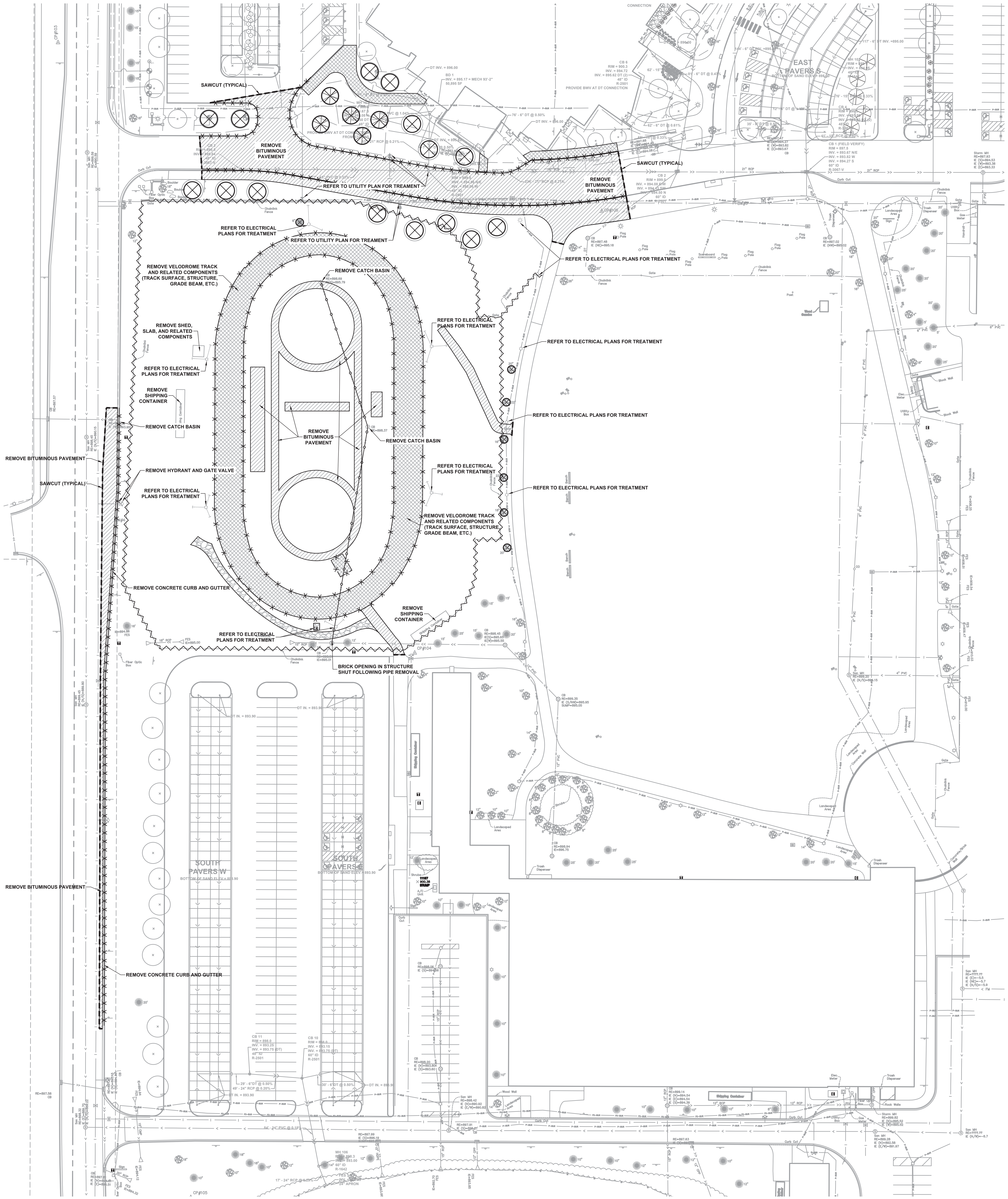


Case File No. 20-0024
Centerview Elementary/SLP Schools ISD #16

Blaine Planning Department / 10801 Town Square Dr NE / Blaine, MN 55449 / (763) 785-6180



NOTES:

1. REFER TO SHEET C1.31, GRADING AND DRAINAGE PLAN, 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 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. THE CONTRACTOR SHALL HIRE THE SERVICES OF A UTILITY LOCATOR COMPANY TO LOCATE ALL PRIVATELY OWNED UTILITIES THAT MAY BE DISTURBED BY CONSTRUCTION OPERATIONS.

LEGEND

- CONCRETE PAVEMENT REMOVALS
- CONCRETE CURB AND GUTTER REMOVALS
- BITUMINOUS PAVEMENT REMOVALS
- GRAVEL SURFACE REMOVALS
- FENCING REMOVALS
- UTILITY REMOVALS
- TREE REMOVALS
- SAWCUT
- PROPERTY LINE

Centerview - Velodrome Site

Independent School District 16
1415 81st Avenue NE
Spring Lake Park, MN 55432

WOLD ARCHITECTS AND ENGINEERS
332 Minnesota Street, Suite W2000
Saint Paul, MN 55101
woldae.com | 651.227.7773

ANDERSON - JOHNSON ASSOCIATES, INC.
LANDSCAPE ARCHITECTURE • SITE PLANNING • CIVIL ENGINEERING

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**

DAVID A. REY
Registration Number 40180 Date XX/XX/XX

Revisions		
Description	Date	Num

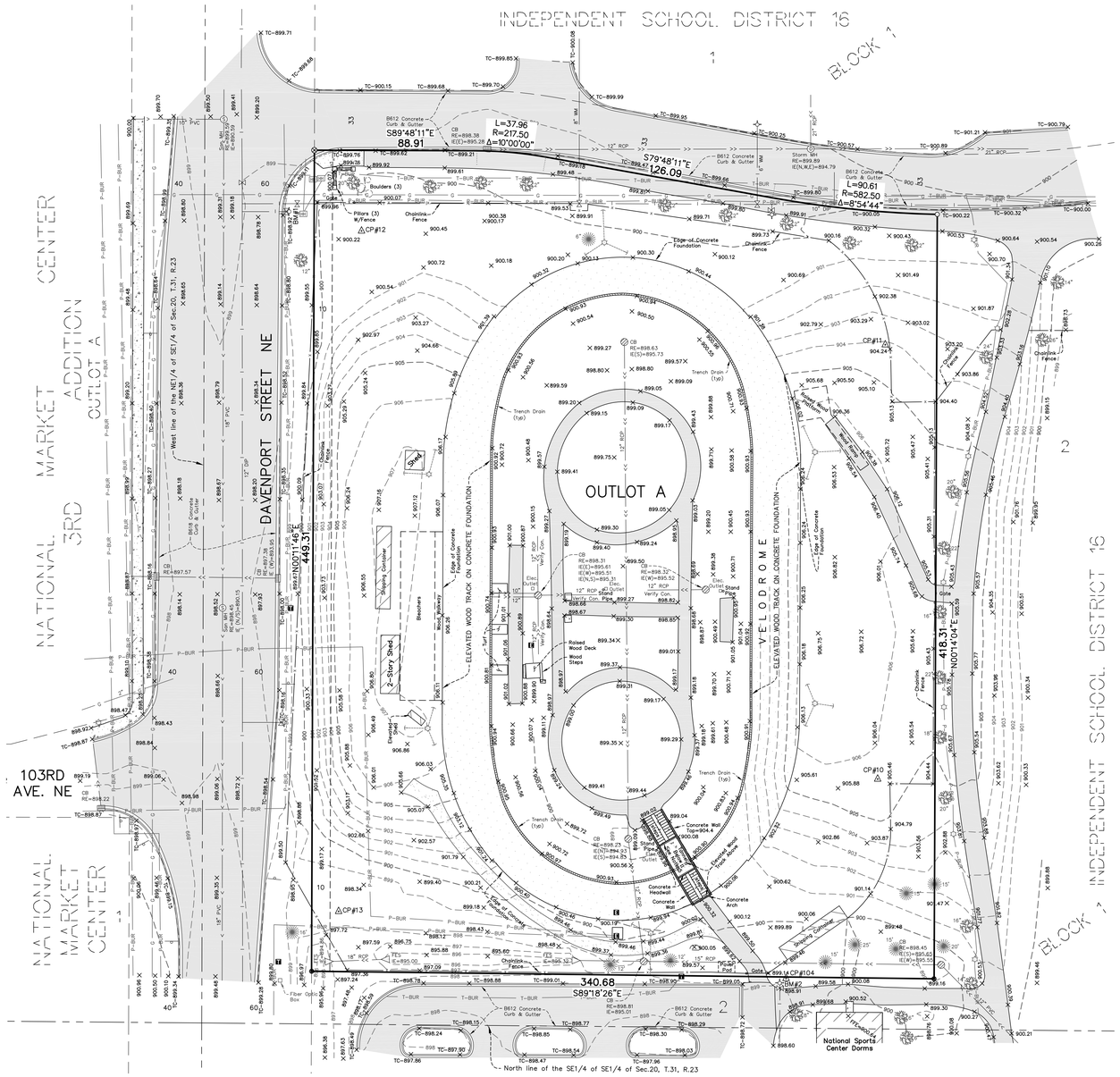
Comm:
Date: 04/29/2020
Drawn: MET
Check: DAR

North

REMOVALS PLAN

Scale: 1" = 40'

C1.11



LEGEND

- ⋈ = DENOTES GATE VALVE
- ⋈ = DENOTES AUTO SPRINKLER
- ⋈ = DENOTES HYDRANT
- —W— = DENOTES WATER LINE
- Ⓢ = DENOTES SANITARY SEWER MANHOLE
- —S— = DENOTES SANITARY SEWER LINE
- ▤ = DENOTES CATCHBASIN
- Ⓓ = DENOTES STORM SEWER MANHOLE
- —SD— = DENOTES STORM SEWER LINE
- E = DENOTES ELECTRIC TRANSFORMER
- ☼ = DENOTES LIGHT POLE
- ⊥ = DENOTES GUY WIRE
- —P-BUR— = DENOTES BURIED ELECTRIC
- HH = DENOTES HAND HOLE
- T = DENOTES TELEPHONE PEDESTAL
- —FO-BUR— = DENOTES BURIED FIBER OPTIC
- —G— = DENOTES BURIED GAS
- C = DENOTES CABLE TV PEDESTAL
- —CATV— = DENOTES BURIED CABLE
- ◉ = DENOTES SOIL BORING (BY OTHERS)
- IH = DENOTES IRRIGATION HAND HOLE
- GP = DENOTES GUARD POST
- RD = DENOTES ROOF DRAIN
- = DENOTES SIGN
- = DENOTES EDGE OF WOODS
- = DENOTES DECIDUOUS TREE (DIAMETER)
- = DENOTES CONIFEROUS TREE (SPREAD)
- = DENOTES SHRUB
- --965-- = DENOTES SURFACE CONTOUR (1 FT. INTERVAL)
- x 965.23 = DENOTES SPOT ELEVATIONS
- △ = DENOTES CONTROL MONUMENT
- ● = DENOTES FOUND IRON MONUMENT
- ⊗ = DENOTES FOUND PK NAIL
- ○ = DENOTES SET PK NAIL
- = DENOTES CONCRETE SURFACE
- = DENOTES BITUMINOUS SURFACE
- = DENOTES WOOD SURFACE

N

30 0 30 60
SCALE IN FEET

CONTROL MONUMENTS

POINT#	NORTHING	EASTING	DESCRIPTION
CP#10	144572.69	509790.87	IRON
CP#11	144810.35	509795.03	IRON
CP#12	144872.63	509508.45	IRON
CP#13	144500.26	509,495.92	IRON
CP#104	144463.54	509740.75	IRON

BENCHMARKS

PROJECT BENCHMARK — MnDOT CONTROL MONUMENT NO. 0208E
ELEVATION = 906.08 FEET (NAVD 1988)

BM#1 — TOP NUT HYDRANT IN THE SOUTHEAST CORNER OF DAVENPORT STREET NE AND THE ENTRANCE TO THE NATIONAL SPORTS CENTER NORTH PARKING LOTS.
ELEVATION = 902.72 FEET (NAVD 1988)

BM#2 — TOP NUT HYDRANT NEAR THE SORTHEAST CORNER OF THE VELODROME. ALSO NEAR THE NORTHWEST CORNER OF THE NATIONAL SPORTS CENTER DORMS
ELEVATION = 901.33 FEET (NAVD 1988)

PROPERTY DESCRIPTION:

Outlot A, INDEPENDENT SCHOOL DISTRICT 16, Anoka County, Minnesota

SURVEY NOTES:

1. The underground utilities shown have been located from field survey information per Gopher State One Call Ticket No. 193182168 and available records. The surveyor makes no guarantees that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated although he does certify that they are located as accurately as possible from information available. The surveyor has not physically located the underground utilities. Prior to any excavation, contact Gopher State One Call for an on-site location (612-454-0002). The subsurface utility information on this survey is utility quality level D. This quality level was determined according to the guidelines of CI/ASCE 38-2, entitled "Standard Guidelines for the Collection and Depiction of Existing Subsurface Utility Data.
2. All spot elevations shown adjacent to curb are to top of curb unless noted otherwise.
3. Control Monument coordinates are based on Anoka County Coordinate System NAD83 (1996 Adjustment).
4. The professional surveyor has made no independent investigation/independent search for encumbrances, restrictive covenants, ownership title evidence, or any other facts that an accurate and current title search may disclose.
5. Trench drains with a lift pump are present in the bottom of the tunnel, verify connections.
6. Portions of this survey are shown per previous survey completed by Hakanson Anderson on January 16, 2017.

DATE	REVISION

Dec 16, 2019 - 12:18pm
K:\cad_surv\Land Desktop 2008\4123.04\dwg\4123.04.dwg

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

Brian Person
Date 12/16/19 Lic. No. 49138

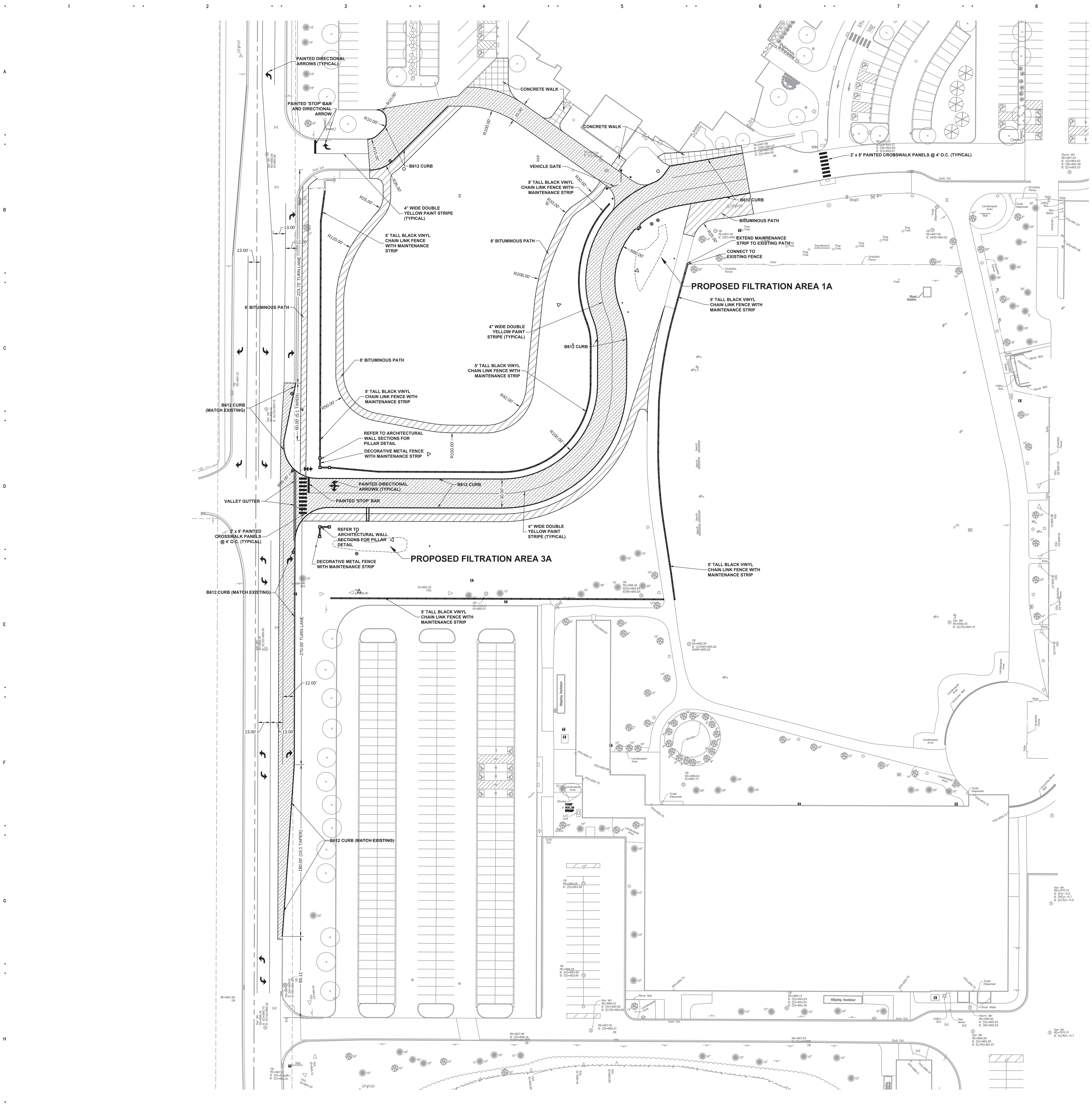
DESIGNED BY:	BAW		
DRAWN BY:	MSS	DATE:	12/16/19
CHECKED BY:	BP	FILE NO.	4123.04

Hakanson Anderson
Civil Engineers and Land Surveyors
3601 Thurston Ave., Anoka, Minnesota 55303
763-427-5860 FAX 763-427-0520
www.haa-inc.com

VELODROME

SITE SURVEY
FOR
SPRING LAKE PARK SCHOOLS

SHEET 1 OF 1 SHEETS



NOTES:

1. REFER TO SHEET C1.31, GRADING AND DRAINAGE PLAN, FOR GENERAL NOTES.
2. CHECK ALL PLAN AND DETAIL DIMENSIONS AND VERIFY SAME BEFORE FIELD LAYOUT.
3. SIGNAGE SHALL GENERALLY BE INSTALLED 18" BEHIND THE BACK OF CURB.
4. ALL DISTURBED AREAS WHICH ARE NOT DESIGNATED TO BE PAVED SHALL RECEIVE AT LEAST 6" OF TOPSOIL AND SHALL BE SODDED.
5. WHERE NEW SOD MEETS EXISTING TURF, EXISTING TURF EDGE SHALL BE CUT TO ALLOW FOR A CONSISTENT, UNIFORM STRAIGHT EDGE. JAGGED OR UNEVEN EDGES WILL NOT BE ACCEPTABLE. REMOVE TOPSOIL AT JOINT BETWEEN EXISTING AND NEW AS REQUIRED TO ALLOW NEW SOD SURFACE TO BE FLUSH WITH EXISTING.
6. FAILURE OF TURF DEVELOPMENT: IN THE EVENT THE CONTRACTOR FAILS TO PROVIDE AN ACCEPTABLE TURF, THE CONTRACTOR SHALL RE-SOD ALL APPLICABLE AREAS, AT NO ADDITIONAL COST TO THE OWNER, TO THE SATISFACTION OF THE ENGINEER.

LEGEND

- REFERENCE KEY TO SITE DETAILS — DETAIL I.D NUMBER (TOP), DETAIL SHEET NUMBER (BOTTOM)
- PROPOSED CONCRETE WALK
- PROPOSED LIGHT DUTY BITUMINOUS PAVEMENT
- PROPOSED HEAVY DUTY BITUMINOUS PAVEMENT
- PROPOSED FENCING WITH MAINTENANCE STRIP
- PROPOSED TRAFFIC CONTROL SIGN
- PROPOSED MANHOLE (MH)
- PROPOSED CATCH BASIN (CB)
- PROPOSED FLARED END SECTION (FES)
- PROPOSED HYDRANT (HYD)
- PROPOSED GATE VALVE (GV)
- PROPERTY LINE

Centerview - Velodrome Site

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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 PROFESSIONAL ENGINEER under the laws of the State of MINNESOTA

DAVID A. REY
Registration Number 40180 Date XX/XX/XX

Revisions		
Description	Date	Num

Comm:
Date: 04/29/2020
Drawn: MET
Check: DAR

North

SITE PLAN

Scale: 1" = 40'

C1.21

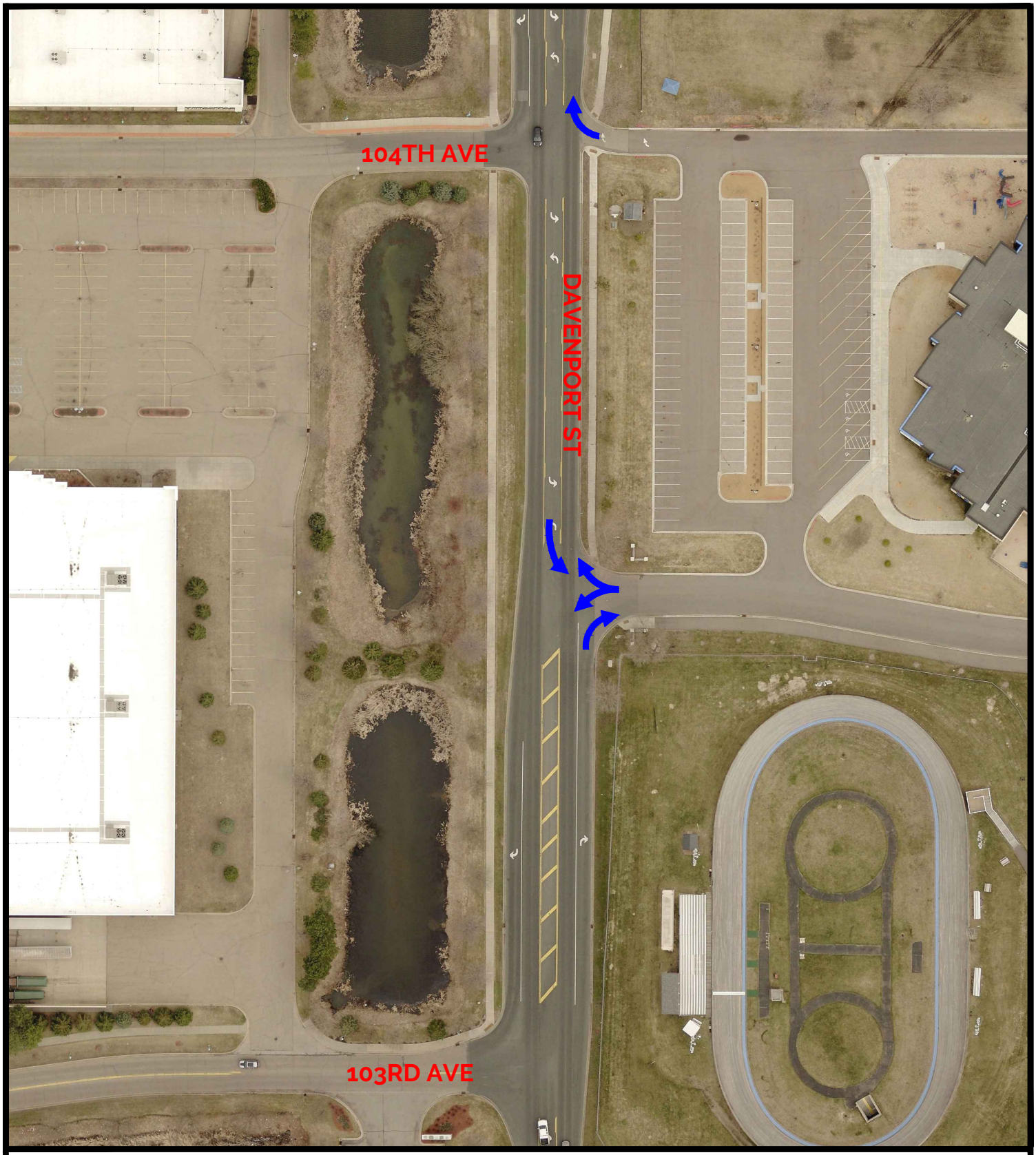


EXHIBIT 1
EXISTING CONDITIONS

N

City of Blaine Engineering Department / 10801 Town Square Dr NE/ Blaine, MN 55449/ 763-785-6172

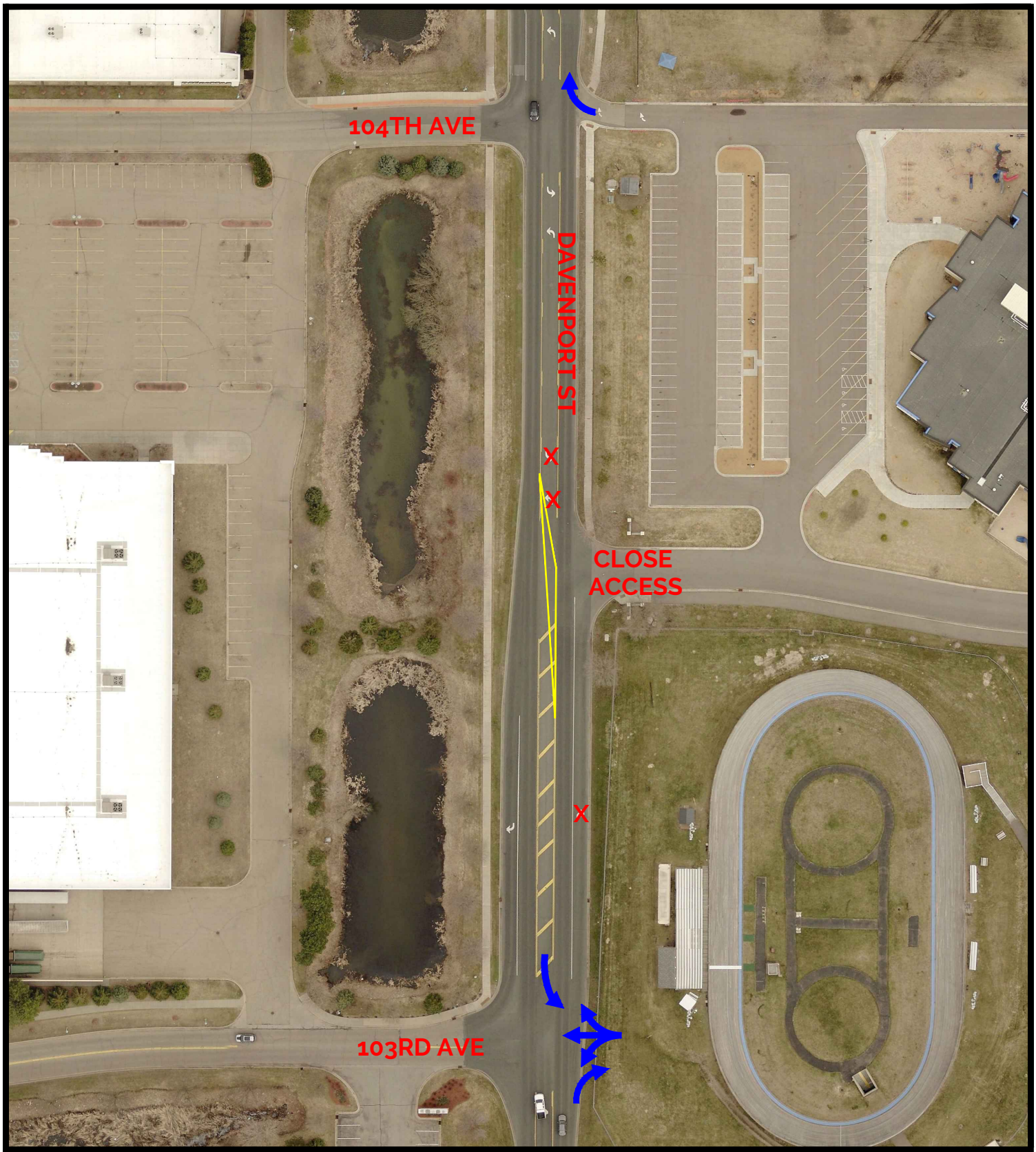
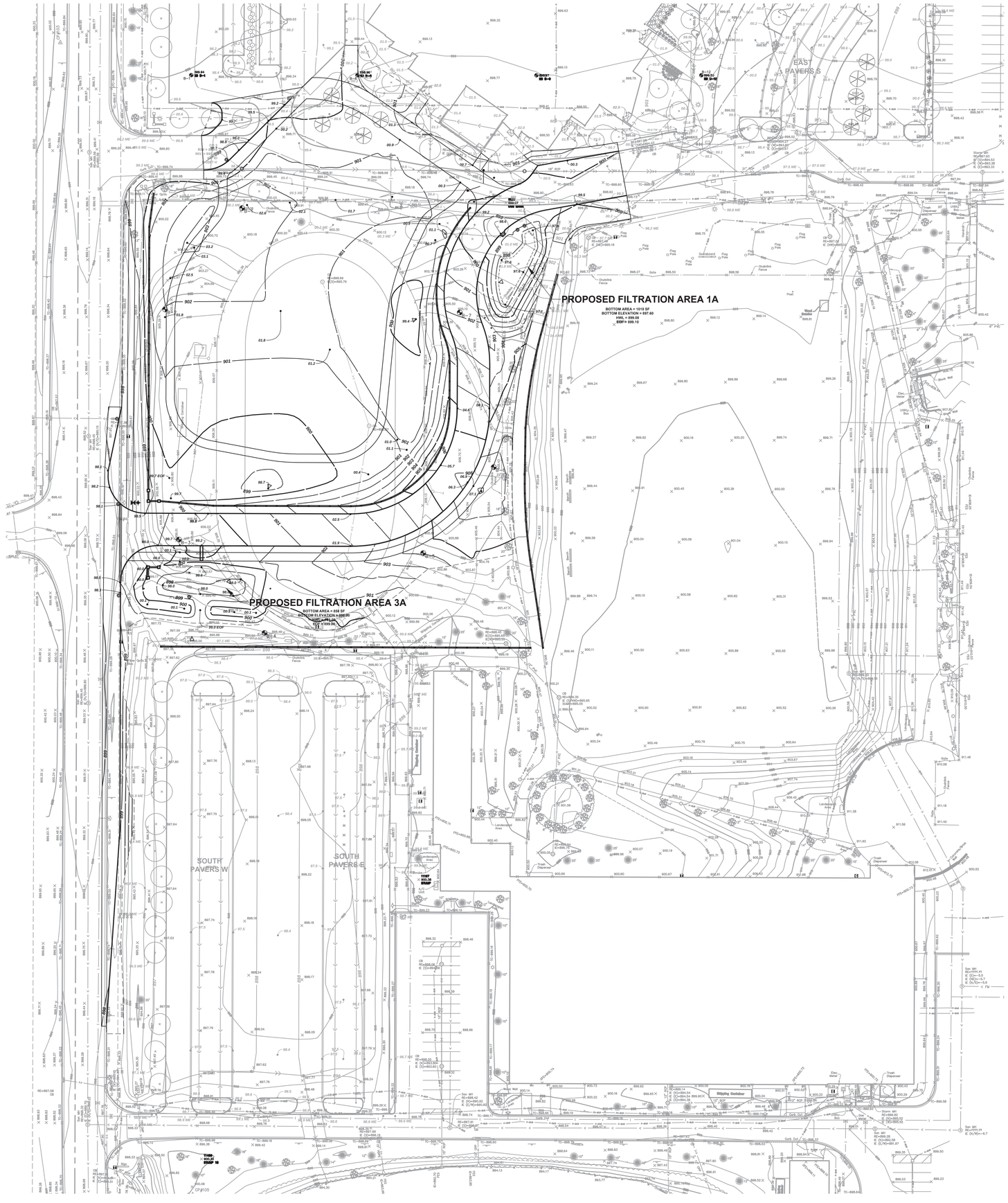


EXHIBIT 2
PROPOSED CONDITIONS

N

City of Blaine Engineering Department / 10801 Town Square Dr NE/ Blaine, MN 55449/ 763-785-6172



GENERAL NOTES

1. ALL CONSTRUCTION MUST COMPLY WITH APPLICABLE STATE AND LOCAL ORDINANCES.
2. THE CONTRACTOR WILL BE RESPONSIBLE FOR AND SHALL PAY FOR ALL CONSTRUCTION STAKING / LAYOUT.
3. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL RELATED CONSTRUCTION PERMITS, INCLUDING THE NPDES PERMIT FROM THE MPCA. SUBMIT A COPY OF ALL PERMITS TO THE CITY.
4. 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.
5. INSTALL CONTROL FENCING AND BARRICADING AS NECESSARY TO PROTECT THE PUBLIC.
6. INSPECT SITE AND REVIEW SOIL BORINGS TO DETERMINE EXTENT OF WORK AND NATURE OF MATERIALS TO BE HANDLED.
7. REFER TO SPECIFICATIONS FOR DEWATERING REQUIREMENTS.
8. CHECK ALL PLAN AND DETAIL DIMENSIONS AND VERIFY SAME BEFORE FIELD LAYOUT.
9. REFER TO THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) NARRATIVE, PART OF SECTION 01 89 13, FOR EROSION CONTROL REQUIREMENTS. SECTION 31 00 00 SHALL BE RESPONSIBLE FOR FULL IMPLEMENTATION OF THE SWPPP.
10. 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.
11. MAINTAIN DUST CONTROL DURING GRADING OPERATIONS.
12. ALL EROSION CONTROL METHODS SHALL COMPLY WITH MPCA AND LOCAL REGULATIONS.
13. CONTRACTOR SHALL MINIMIZE DISTURBANCE TO SITE AND PROTECT EXISTING SITE FEATURES (INCLUDING TURF AND VEGETATION) WHICH ARE TO REMAIN.
14. PROPOSED CONTOURS AND SPOT ELEVATIONS ARE SHOWN TO FINISH GRADE UNLESS OTHERWISE NOTED.
15. PROPOSED ELEVATIONS SHOWN TYPICALLY AS 01.1 OR 01 SHALL BE UNDERSTOOD TO MEAN 901.1 OR 901.
16. SPOT ELEVATIONS SHOWN IN PARKING LOTS, DRIVES AND ROADS INDICATE GUTTER GRADES, UNLESS NOTED OTHERWISE.
17. THE CONTRACTOR SHALL 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. ALL COSTS ASSOCIATED WITH IMPORTING AND EXPORTING MATERIALS SHALL BE INCIDENTAL TO THE CONTRACT.
18. NO FINISHED SLOPES SHALL EXCEED 4' HORIZONTAL TO 1' VERTICAL (4:1), UNLESS OTHERWISE NOTED.
19. ALL DISTURBED AREAS WHICH ARE NOT DESIGNATED TO BE PAVED SHALL RECEIVE AT LEAST 6" OF TOPSOIL AND SHALL BE SODDED.
20. WHERE NEW SOD MEETS EXISTING SOD, EXISTING SOD EDGE SHALL BE CUT TO ALLOW FOR A CONSISTENT, UNIFORM STRAIGHT EDGE. JAGGED OR UNEVEN EDGES WILL NOT BE ACCEPTABLE. REMOVE TOPSOIL AT JOINT BETWEEN EXISTING AND NEW AS REQUIRED TO ALLOW NEW SOD SURFACE TO BE FLUSH WITH EXISTING.
21. FAILURE OF TURF DEVELOPMENT: IN THE EVENT THE CONTRACTOR FAILS TO PROVIDE AN ACCEPTABLE TURF, THE CONTRACTOR SHALL RE-SOD ALL APPLICABLE AREAS, AT NO ADDITIONAL COST TO THE OWNER, TO THE SATISFACTION OF THE ENGINEER.
22. ANY MANHOLE, CATCH BASIN, STORM SEWER, SANITARY SEWER, DRAINTILE OR OTHER POTENTIAL SOURCE FOR CONTAMINATION SHALL BE INSTALLED AT LEAST 10 FEET HORIZONTALLY FROM ANY WATERMAIN PER MINNESOTA PLUMBING CODE. THIS ISOLATION DISTANCE SHALL BE MEASURED FROM THE OUTER EDGE OF THE PIPE TO THE OUTER EDGE OF THE CONTAMINATION SOURCE (OUTER EDGE OF STRUCTURES OR PIPING OR SIMILAR).
23. LOCATE ALL EXISTING UTILITIES, VERIFY LOCATION, SIZE AND INVERT ELEVATION OF ALL EXISTING UTILITIES. VERIFY LOCATIONS, SIZES AND ELEVATIONS OF SAME BEFORE BEGINNING CONSTRUCTION.
24. A POST CONSTRUCTION TEST WILL BE PERFORMED ON THE PROPOSED FILTRATION BASINS BY FILLING THE BASIN TO A MINIMUM DEPTH OF 6 INCHES WITH WATER AND THE TIME NECESSARY TO DRAIN WILL BE MONITORED. THE COON CREEK WATERSHED SHALL BE NOTIFIED 48 HOURS PRIOR TO THE TEST SO THEY MAY WITNESS THE RESULTS.
25. PRIOR TO PLACEMENT OF TOPSOIL, TILL ALL SUBGRADE SOILS THAT WILL RECEIVE TOPSOIL TO A MINIMUM DEPTH OF 6 INCHES TO COMPLY WITH THE REQUIREMENTS OF THE NPDES PERMIT ADMINISTERED THROUGH THE MPCA. REFER TO EARTHWORK SPECIFICATION.

LEGEND

- REFERENCE KEY TO SITE DETAILS — DETAIL I.D NUMBER (TOP), DETAIL SHEET NUMBER (BOTTOM)
- EXISTING CONTOUR
- EXISTING SPOT ELEVATION
- PROPOSED CONTOUR
- PROPOSED SPOT ELEVATION — ME = MATCH EXISTING, EOF = EMERGENCY OVERFLOW
- PROPOSED GRADING LIMITS
- APPROXIMATE SOIL BORING LOCATION
- PROPOSED MANHOLE (MH)
- PROPOSED CATCH BASIN (CB)
- PROPOSED FLARED END SECTION (FES)
- PROPOSED HYDRANT (HYD)
- PROPOSED GATE VALVE (GV)
- PROPERTY LINE

BENCHMARKS (FIELD VERIFY BEFORE USING)

1.) TOP NUT HYDRANT IN SOUTHEAST CORNER OF DAVENPORT STREET NE AND THE ENTRANCE TO THE NATION SPORTS CENTER NORTH PARKING LOTS.
ELEVATION = 902.72 FEET

2.) TOP NUT HYDRANT ON THE SOUTH SIDE OF THE NATIONAL SPORTS CENTER PARKING LOTS; 325 FEET± EAST OF DAVENPORT STREET NE
ELEVATION = 900.83 FEET

3.) TOP NUT HYDRANT ON THE SOUTH SIDE OF THE NATIONAL SPORTS CENTER PARKING LOTS; 650 FEET± EAST OF DAVENPORT STREET NE
ELEVATION = 900.85 FEET

4.) TOP NUT HYDRANT ON THE SOUTH SIDE OF THE NATIONAL SPORTS CENTER PARKING LOTS; NEAR THE NORTHWEST CORNER OF THE NATIONAL SPORTS CENTER.
ELEVATION = 901.20

5.) TOP NUT HYDRANT ON THE EAST SIDE OF DAVENPORT STREET NE; 300 FEET± SOUTH OF 103RD AVENUE NE.
ELEVATION = 902.00 FEET

6.) TOP NUT HYDRANT ON THE EAST SIDE OF DAVENPORT STREET NE; 300 FEET± SOUTH OF THE SOUTH ENTRANCE TO THE NATIONAL SPORTS CENTER.
ELEVATION = 902.44 FEET.

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1315 COLEMAN ELLETT ROAD, SUITE 200, MINNEAPOLIS, MN 55391
PH (763) 544-0555 FAX (763) 544-0555 PH (763) 544-7529

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

DAVID A. REY
Registration Number 40180 Date XX/XX/XX

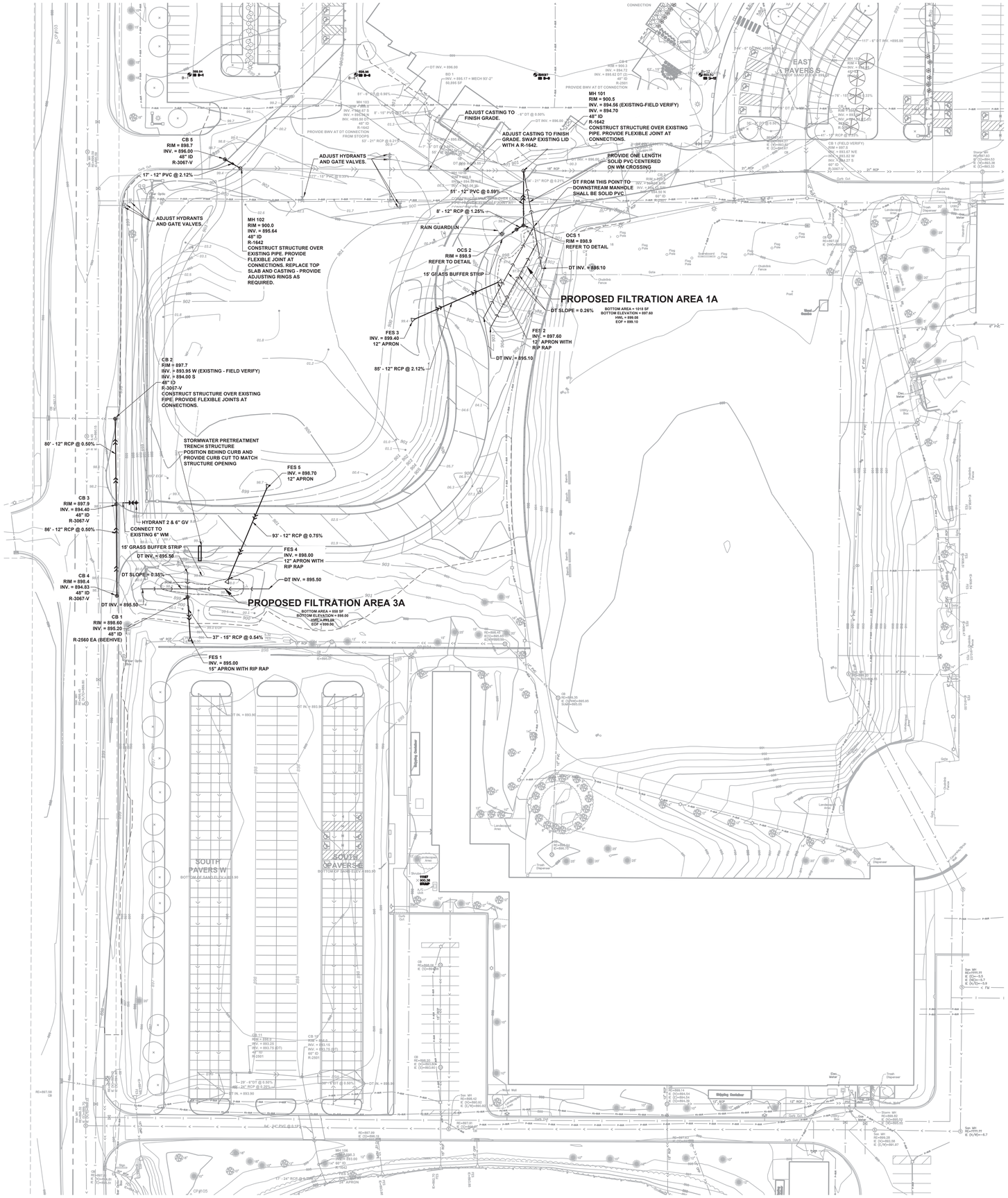
Revisions		
Description	Date	Num

Comm: _____
Date: 04/29/2020
Drawn: MET
Check: DAR
North

GRADING AND DRAINAGE PLAN

Scale: 1" = 40'

C1.31



NOTES

1. REFER TO SHEET C1.31, GRADING AND DRAINAGE PLAN, FOR GENERAL NOTES.
2. ALL WATERMAIN PIPE SHALL BE DIP, CLASS 52. ALL WATERMAIN SHALL HAVE MINIMUM 8'-0" BURY (TOP OF PIPE TO FINISH GRADE). DIP SHALL BE ENCASED WITH POLYETHYLENE FILM CONFORMING TO ASTM D 1248-889.
3. 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.
4. FLEXIBLE JOINTS AT STORM SEWER PIPE CONNECTIONS TO STRUCTURES:
   a. IN ACCORDANCE WITH MINNESOTA PLUMBING CODE, PROVIDE FLEXIBLE JOINTS AT ALL PIPE CONNECTIONS TO ALL STORM SEWER STRUCTURES.
   b. ACCEPTABLE MANUFACTURERS / PRODUCTS:
      i. FERNCO, "CONCRETE MANHOLE ADAPTORS" OR "LARGE-DIAMETER WATERSTOPS"
      ii. PRESS-SEAL, WATERSTOP GROUTING RINGS"
      iii. OR APPROVED EQUAL.
5. WATERMAIN SHALL BE INSTALLED AT LEAST 10 FEET HORIZONTALLY FROM ANY MANHOLE, CATCH BASIN, STORM SEWER, SANITARY SEWER, DRAINTILE OR OTHER POTENTIAL SOURCE FOR CONTAMINATION PER MINNESOTA PLUMBING CODE. THIS ISOLATION DISTANCE SHALL BE MEASURED FROM THE OUTER EDGE OF THE PIPE TO THE OUTER EDGE OF THE CONTAMINATION SOURCE (OUTER EDGE OF STRUCTURES OR PIPING OR SIMILAR).
6. ANY MANHOLE, CATCH BASIN, STORM SEWER, SANITARY SEWER, DRAINTILE OR OTHER POTENTIAL SOURCE FOR CONTAMINATION SHALL BE INSTALLED AT LEAST 10 FEET HORIZONTALLY FROM ANY WATERMAIN PER MINNESOTA PLUMBING CODE. THIS ISOLATION DISTANCE SHALL BE MEASURED FROM THE OUTER EDGE OF THE PIPE TO THE OUTER EDGE OF THE CONTAMINATION SOURCE (OUTER EDGE OF STRUCTURES OR PIPING OR SIMILAR).
7. LOCATE ALL EXISTING UTILITIES, VERIFY LOCATION, SIZE AND INVERT ELEVATION OF ALL EXISTING UTILITIES. VERIFY LOCATIONS, SIZES AND ELEVATIONS OF SAME BEFORE BEGINNING CONSTRUCTION.
8. CONTRACTOR SHALL STAKE LIMITS OF WALKS AND CURBING PRIOR TO INSTALLATION OF GATE VALVES, CATCH BASINS AND MANHOLES. GATE VALVE AND MANHOLE LOCATIONS SHALL BE ADJUSTED TO AVOID PLACEMENT OF THESE STRUCTURES IN WALKS AND CURB AND GUTTER. CURB AND GUTTER SHALL BE STAKED TO ALLOW CURB INLET TYPE CATCH BASINS TO BE PROPERLY LOCATED IN LINE WITH CURBING.

LEGEND

- REFERENCE KEY TO SITE DETAILS — DETAIL I.D NUMBER (TOP) — DETAIL SHEET NUMBER (BOTTOM)
- 898 — EXISTING CONTOUR
- 905 — PROPOSED CONTOUR
- 04.6 — PROPOSED SPOT ELEVATION — ME = MATCH EXISTING — EOF = EMERGENCY OVERFLOW
- PROPOSED GRADING LIMITS
- B-1 — APPROXIMATE SOIL BORING LOCATION
- PROPOSED STORM SEWER
- PROPOSED WATERMAIN
- PROPOSED DRAINTILE / FINGER DRAIN
- PROPOSED MANHOLE (MH)
- PROPOSED CATCH BASIN (CB)
- PROPOSED FLARED END SECTION (FES)
- PROPOSED HYDRANT (HYD)
- PROPOSED GATE VALVE (GV)
- 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

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LANDSCAPE ARCHITECTURE • 1 COLLEGE VALLEY ROAD • FAX (701) 344-0101
SITE PLANNING • SUITE 200 • CIVIL ENGINEERING • BISMARCK, ND 58501 PH (701) 344-7529

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**

DAVID A. REY
Registration Number **40180** Date **XX/XX/XX**

Revisions

Description	Date	Num

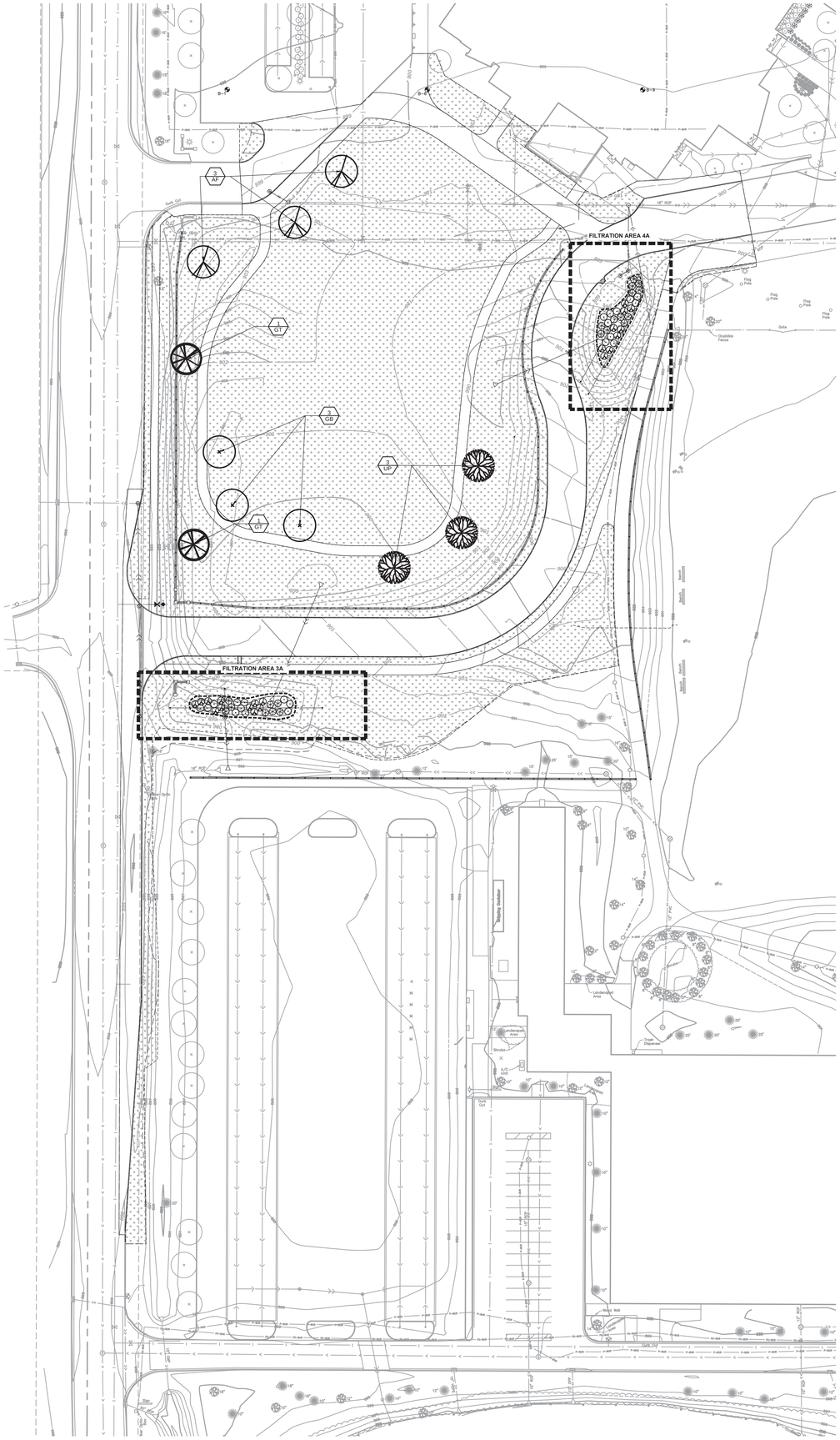
Comm:
Date: **04/29/2020**
Drawn: **MET**
Check: **DAR**

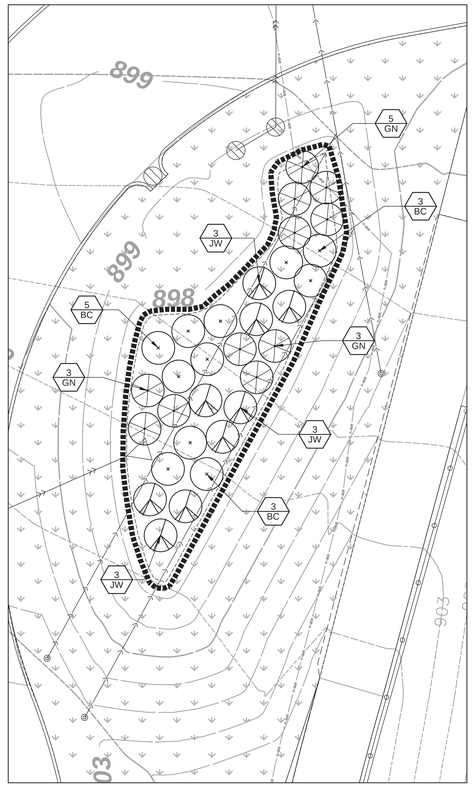
North

UTILITY PLAN

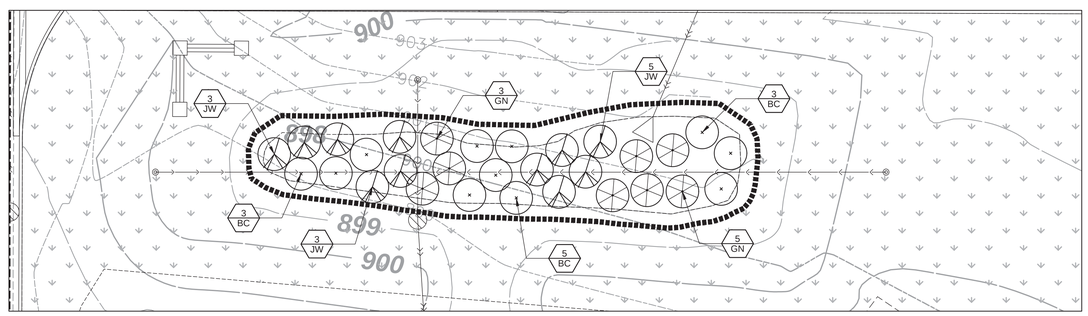
Scale: **1" = 40'**

C1.41





1 L1.11 **FILTRATION AREA 4A**
SCALE: 1" = 10'



2 L1.11 **FILTRATION AREA 3A**
SCALE: 1" = 10'

NOTES:

1. REFER TO SHEET C1.31, GRADING AND DRAINAGE PLAN, FOR GENERAL NOTES.
2. REFER TO SWPPP NARRATIVE FOR CONSTRUCTION SEQUENCING AND EROSION CONTROL REQUIREMENTS.
3. LANDSCAPE ARCHITECT MUST INSPECT AND APPROVE FINISH GRADING BEFORE CONTRACTOR PROCEEDS WITH SODDING AND SEEDING.
4. ALL DISTURBED AREAS WHICH ARE NOT DESIGNATED TO BE PAVED SHALL RECEIVE AT LEAST 6" OF TOPSOIL AND SHALL BE SODDED.
5. WHERE NEW SOD MEETS EXISTING TURF, EXISTING TURF EDGE SHALL BE CUT TO ALLOW FOR A CONSISTENT, UNIFORM STRAIGHT EDGE. JAGGED OR UNEVEN EDGES WILL NOT BE ACCEPTABLE. REMOVE TOPSOIL AT JOINT BETWEEN EXISTING AND NEW AS REQUIRED TO ALLOW NEW SOD SURFACE TO BE FLUSH WITH EXISTING.
6. FAILURE OF TURF DEVELOPMENT: IN THE EVENT THE CONTRACTOR FAILS TO PROVIDE AN ACCEPTABLE TURF, THE CONTRACTOR SHALL RE-SOD ALL APPLICABLE AREAS, AT NO ADDITIONAL COST TO THE OWNER, TO THE SATISFACTION OF THE ENGINEER.
7. BEGIN TURF ESTABLISHMENT IMMEDIATELY AFTER SODDING OR SEEDING, REFER TO SPECIFICATION FOR PROCEDURE.
8. ALL TREES TO BE BALLED AND BURLAPPED.
9. ALL TREES AND SHRUBS SHALL RECEIVE 4" DEPTH OF CLEAN SHREDDED HARDWOOD MULCH, UNLESS OTHERWISE SPECIFIED.
10. ALL PLANT MATERIALS SHALL BE NO. 1 QUALITY, NURSERY GROWN AND SPECIMENS MUST BE MATCHED. ALL OVERSTORY TREES ADJACENT TO DRIVE AND IN PARKING LOT SHALL BEGIN BRANCHING NO LOWER THAN 6'.

LEGEND

- 1 / L1.11 — REFERENCE KEY TO SITE DETAILS (DETAIL I.D NUMBER (TOP), DETAIL SHEET NUMBER (BOTTOM))
- PROPOSED DECIDUOUS TREE
- PROPOSED SHRUBS
- APPROXIMATE SOD LIMITS
- MNDOT SEED MIX #35-241 - MESIC PRAIRIE
- PROPOSED SHRUB / MULCH BED
- PROPERTY LINE

PLANT SCHEDULE

SYMBOL	COMMON NAME	SCIENTIFIC NAME	QTY.	SIZE	ROOT
DECIDUOUS SHADE TREES					
AF	AUTUMN BLAZE	Acer x freemanii 'Jeffersred'	3	2-1/2" cal.	B&B
GB	AUTUMN GOLD GINKGO	Ginkgo biloba 'Autumn Gold'	3	2-1/2" cal.	B&B
UP	PRINCETON ELM	Ulmus americana 'Princeton'	3	2-1/2" cal.	B&B
GT	SKYLINE HONEYLOCUST	Gleditsia triacanthos var. inermis 'Skycole'	2	2-1/2" cal.	B&B
DECIDUOUS SHRUBS					
BC	GLOSSY BLACK CHOKEBERRY	Aronia melanocarpa	22	#5	Cont.
JW	JIM DANDY WINTERBERRY	Ilex verticillata 'Jim Dandy'	25	#5	Cont.
GN	DART'S GOLD NINEBARK	Physocarpus opulifolius 'Dart's Gold'	28	#5	Cont.

Centerview - Velodrome Site

Independent School District 16
1415 81st Avenue NE
Spring Lake Park, MN 55432

Wold

WOLD ARCHITECTS AND ENGINEERS
332 Minnesota Street, Suite W2000
Saint Paul, MN 55101
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ANDERSON - JOHNSON ASSOCIATES, INC.
LANDSCAPE ARCHITECTURE • 1475 COOPER ILLETT ROAD FAX (763) 544-0535
AJA
SITE PLANNING • SUITE 200
CIVIL ENGINEERING • MINNEAPOLIS, MN 55441 PH (763) 544-7329

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**

DANIEL C. REBOK
Registration Number **56877** Date **XX/XX/XX**

Revisions		
Description	Date	Num

Comm: _____
Date: **04/29/2020**
Drawn: **DCR**
Check: **DCR**
North

LANDSCAPING PLAN

Scale: **1" = 40'**

L1.11

To: City Council Members, City of Blaine

From: Jeff Ronneberg, Superintendent of Spring Lake Park Schools

Date: June 12, 2020

Subject: Conditional Use Permit Narrative for the Velodrome Site

Dear City Council Members,

The Spring Lake Park Schools and City of Blaine have a long history of successful partnership, and we look forward to that continued collaboration. In that spirit of collaboration we share this proposal that we believe provides benefit to the City and Spring Lake Park Schools.

We were very excited to open Centerview Elementary in Blaine, and could not be more thrilled with the success we have had as we wrap up our second year (although in-person instruction was cut short by COVID). As we look to the future, we are excited about the opportunity to provide our students more green space on the southern edge of the campus as we implement the next phase of our original plan. With our purchase of the land where the velodrome currently sits, we propose developing an outdoor play area which will be able to used by our students and community, incorporating green space and landscaping connected to the school site.

In addition, we are proposing to remove the road that connects our West parking lot to the parking lot of the National Sports Center on the east side of our building, constructing a new vehicular access from Davenport to align with 103rd Avenue NE. We believe the realignment of the road will help immensely with overall safety and flow of the site.

We have met with City Staff a number of times on this proposal, and it is our hope that they will support this project when you receive the report. City Staff may recommend changing the access point off of Davenport into our West parking lot that currently aligns to the roadway to the NSC. This change rom a "full access" to a "right in, right out" access may initially appear to be a moderate change. However, it greatly impacts our operations. While we considered this recommendation our reasoning for leaving the current access as a full access point are as follows:

1. The access is existing and we will greatly reduce the traffic needing to utilize it by building the new roadway that aligns with 103rd avenue. The West parking lot will be used only by buses and staff vehicles after the new road is built. Almost all vehicle access will be at off peak hours. Therefore, traffic using this access point will have little to no impact on general traffic flow in the area.
2. A left turn into the site is critical to bus operations. If the left turn in is eliminated, buses will either need to enter the site off 105th and mix with vehicle traffic (thus eliminating a primary safety benefit of separating bus and parent traffic), or buses will need to travel through the surrounding neighborhoods to access the site. This would significantly increase student time on buses, requiring us to add significant costs to add routes.

It's our understanding that there is a great benefit to aligning the new intersection with 103rd avenue, of which the School District is willing to pay for. We hope you will consider our proposal to keep the

existing access point as it is currently constructed. With the minor traffic it will see and overall impact to bus operations, you can see it would be extremely difficult for us to lose the function of that access point.

Thank you for the consideration of this proposal. I would be happy to meet with each of you as you would like to discuss this further and/or answer any questions.

Warm regards,

Jeff