LOCATION MAP





PROJECT NO. 173420152 SEPTEMBER 2025 Stante Avenue, Suite 1000

T33 Marquette Avenu Minneapolis, MN 5546

AND THAT I AM A DULY LICENSED PROFESSIONAL EN UNDER THE LAWS OF THE STATE OF MINNESOTA PRINT NAME: PETER DANIELS

SIGNATURE: OCTOBER 6, 2025

DATE: OCTOBER 6, 2025

SC REPLACEMENT PROJECT

NO REVISION DATE

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VICINITY MAP

NOTES - GENERAL

- . ALL WORK SHALL CONFORM TO THE APPROVED PLANS AND SPECIFICATIONS FOR CONSTRUCTION AND THE CONDITIONS OF ALL APPLICABLE PERMITS.
- ITEMS NOT INCLUDED IN THE BID FORM AS A PAY ITEM BUT INCLUDED ELSEWHERE IN THE PLANS SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER AND SHALL BE CONSIDERED INCIDENTAL ITEMS.
- 3. A COPY OF THE APPROVED PLANS, SPECIFICATIONS, AND ALL REQUIRED PERMITS MUST BE ON-SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
- SPECIFICALLY NOTED.

4. THE CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED FOR WORK, EXCEPT WHERE

- 5. PRIOR TO ANY CONSTRUCTION ACTIVITY, THE CONTRACTOR SHALL SCHEDULE AND ATTEND A PRE-CONSTRUCTION CONFERENCE WITH THE OWNER AND ENGINEER.
- 6. CONTRACTOR SHALL PROVIDE A ONE (1) WEEK NOTICE TO ENGINEER, OWNER, AND PROPERTY OWNERS PRIOR TO BEGINNING ANY CONSTRUCTION.
- 7. CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF CONSTRUCTION FENCE AS NECESSARY TO COMPLETE THE WORK. INSPECTION AND ACCEPTANCE OF ALL CONSTRUCTION FENCE INSTALLATION SHALL BE ACCOMPLISHED BY REPRESENTATIVE OF THE OWNER PRIOR TO COMMENCING WORK.
- ALL MATERIALS INCLUDING EXCESS EXCAVATED MATERIAL, PIPE, UTILITIES, STUMPS, ROOTS, AND ANY OTHER ITEMS THE OWNER DOES NOT WISH TO SALVAGE SHALL BECOME CONTRACTOR'S PROPERTY AND SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY, INCIDENTAL TO THE CONTRACT.
- 9. THE CONTRACTOR SHALL KEEP STREETS CLEAN AT ALL TIMES BY SWEEPING. WASHING OF STREETS WILL NOT BE ALLOWED WITHOUT PRIOR APPROVAL.
- 10. THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY PUMPING AND PIPING NECESSARY TO COMPLETE THE WORK.

NOTES - ONSITE HEALTH AND SAFETY, TRAFFIC CONTROL

- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING OSHA STANDARDS FOR ALL CONSTRUCTION ACTIVITIES.
- 2. CONTRACTOR SHALL FOLLOW THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) STANDARDS AND GUIDES FOR TRAFFIC CONTROL FOR STREET AND HIGHWAY CONSTRUCTION.
- 3. THE CONTRACTOR SHALL FOLLOW MN DEPARTMENT OF TRANSPORTATION STANDARD DRAWINGS WHEN SETTING UP THE TRAFFIC CONTROL DEVICES.

NOTES - EXISTING UTILITIES AND INFRASTRUCTURE

- 1. ALL LOCATIONS OF EXISTING UTILITIES SHOWN ON THESE PLANS HAVE NOT BEEN VERIFIED BY THE ENGINEER OR OWNER. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INDEPENDENTLY VERIFY THE ACCURACY OF ALL UTILITY LOCATIONS SHOWN AND TO FURTHER DISCOVER AND AVOID ANY OTHER UTILITIES NOT SHOWN ON THESE PLANS WHICH MAY BE AFFECTED BY THE IMPLEMENTATION OF THIS PLAN.
- 2. CONTRACTOR SHALL VERIFY ALL PLAN AND EXISTING ELEVATIONS. CONTRACTOR SHALL FIELD VERIFY EXISTING STRUCTURES AND LOCATIONS OF ALL UTILITY CONNECTIONS TO EXISTING SYSTEMS PRIOR TO COMMENCING WORK.
- 3. MISCELLANEOUS ITEMS SUCH AS, AND NOT LIMITED TO, MAILBOXES, STREET LIGHTS, TRAFFIC LIGHTS, SIGNS, FENCES, POLES, ETC. SHALL BE PROTECTED OR REMOVED AND REINSTALLED BY THE CONTRACTOR INCIDENTAL TO THE CONTRACT.
- 4. CONTRACTOR SHALL USE POTHOLING OR VAC-TRUCK EXPLORATION TECHNIQUES TO LOCATE UNDERGROUND UTILITIES WHERE IDENTIFIED ON THE PLANS AND AS DETERMINED TO BE NECESSARY BY CONTRACTOR TO LOCATE AND AVOID EXISTING UTILITIES.
- 5. THE CONTRACTOR SHALL ADJUST ALL EXISTING MANHOLE RIMS, DRAINAGE STRUCTURE LIDS, VALVE BOXES, AND UTILITY ACCESS STRUCTURES TO FINISH GRADES WITHIN AREAS AFFECTED BY THE PROPOSED IMPROVEMENTS.
- 6. THE CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS DURING TRENCH EXCAVATION TO PROTECT EXISTING UTILITIES AND STRUCTURES FROM DAMAGE AND SETTLEMENT. ANY DAMAGE TO EXISTING UTILITIES AND STRUCTURES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. EXISTING UTILITIES MAY NEED TO BE REMOVED BY CONTRACTOR AND REPLACED AFTER WORK IS COMPLETE THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT.
- 7. CONTRACTOR SHALL BE REQUIRED TO CLEAN AND MAINTAIN ROADWAYS, SIDEWALKS, AND CURBS AFFECTED BY CONSTRUCITON ACTIVITIES, INCLUDING HAUL ROUTES, ON A WEEKLY BASIS, OR AS NEEDED. CONTRACTOR SHALL REPAIR ALL ROADWAYS, SIDEWALKS, AND CURBS TO THE CONDITION THEY WERE IN PRIOR TO THE START OF CONSTRUCTION, OR BETTER, PRIOR TO FINAL PROJECT COMPLETION. ALL COSTS FOR CLEANING, MAINTENANCE, AND REPAIR SHALL BE INCIDENTAL TO THE CONTRACT.
- 8. CONTRACTOR MUST RE-ESTABLISH ANY DISTURBED PROERTY PINS WITH SERVICES OF REGISTERED LAND SURVEYOR (RLS) REGISTERED IN MINNESOTA. CONTRACTOR MUST SUBMIT CERTIFICATE OF SURVEY FOR EACH PROPERTY WITH RE-ESTABLISHED PROPERTY PINS. THE COST FOR RLS SERVICES SHALL BE INCIDENTAL TO THE CONTRACT.

NOTES - MATERIALS AND STORAGE

- 1. ALL BOLTS AND ANCHOR BOLTS INSTALLED THROUGHOUT THE PROJECT SHALL BE STAINLESS STEEL, UNLESS OTHERWISE NOTED IN THE DRAWINGS AND SPECIFICATIONS.
- 2. PVC AND POLYETHYLENE PIPE SHALL BE STORED COVERED OUT OF DIRECT SUNLIGHT.

NOTES - EROSION AND SEDIMENT CONTROL

- 1. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY SEDIMENTATION COLLECTION FACILITIES TO ENSURE THAT SEDIMENT LADEN WATER DOES NOT ENTER THE NATURAL OR PUBLIC DRAINAGE SYSTEM. AS CONSTRUCTION PROGRESSES AND UNEXPECTED CONDITIONS DICTATE, ADDITIONAL SEDIMENT CONTROL MEASURES MAY BE REQUIRED TO PREVENT SEDIMENT FROM LEAVING THE SITE. DURING THE COURSE OF CONSTRUCTION, IT SHALL BE THE OBLIGATION AND RESPONSIBILITY OF THE CONTRACTOR TO ADDRESS ANY NEW CONDITIONS THAT MAY BE CREATED BY ITS ACTIVITIES AND TO PROVIDE ADDITIONAL MEASURES THAT MAY BE NEEDED TO PROTECT ADJACENT PROPERTIES.
- 2. NON-COMPLIANCE WITH EROSION AND SEDIMENT CONTROL REQUIREMENTS, WATER QUALITY REQUIREMENTS, AND CLEARING LIMITS MAY RESULT IN REVOCATION OF PROJECT PERMITS, PLAN APPROVAL, AND BOND FORECLOSURES.
- 3. THE TEMPORARY SEDIMENT CONTROL DEVICES SHALL BE INSTALLED PRIOR TO ANY GRADING OR EXTENSIVE LAND CLEARING IN ACCORDANCE WITH THE APPROVED TEMPORARY EROSION CONTROL PLAN.
- 4. ALL EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE STANDARDS.
- 5. STOCKPILES ARE TO BE LOCATED IN SAFE AREAS AND ADEQUATELY PROTECTED BY PLASTIC SHEETING AND PERIMETER SEDIMENT CONTROLS.
- 6. THE SEDIMENT CONTROL MEASURES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD THESE SEDIMENT CONTROL MEASURES SHALL BE UPGRADED AS NEEDED.
- ANY DISTURBED SOILS WHERE NO FURTHER WORK IS ANTICIPATED FOR A PERIOD OF 14 DAYS (OR 7 DAYS IF WITHIN 1 MILE OF A SPECIAL OR IMPAIRED WATER) SHALL BE IMMEDIATELY STABILIZED WITH THE APPROVED EROSION CONTROL METHOD (I.E. SEEDING, MULCHING, EROSION BLANKET, ETC.).
- EROSION PREVENTION MEASURES AND SEDIMENT CONTROL DEVICES SHALL BE INSPECTED AND REPAIRED AS NECESSARY WITHIN 24 HOURS FOLLOWING A STORM EVENT.
- 9. ALL EROSION PREVENTION MEASURES AND SEDIMENT CONTROL DEVICES SHALL CONFORM TO THE MINNESOTA POLLUTION CONTROL AGENCY GENERAL CONSTRUCTION STORMWATER PERMIT.
- 10. CONTRACTOR RESPONSIBLE FOR OBTAINING AND COMPLYING WITH THE PROJECT CONSTRUCTION STORMWATER PERMIT, IF APPLICABLE. CONTRACTOR ALSO RESPONSIBLE FOR COMPLYING WITH THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP), IF APPLICABLE.

DRAWING LIST

DRAWING NO.	SHEET TITLE
GENERAL	
G001	TITLE SHEET AND VICINITY MAP
G002	SHEET INDEX AND GENERAL CONSTRUCTION NOTES
CIVIL	
C001	SITE PLAN
PROCESS	
D101	DEMO PLAN
D102	RBC IMPROVEMENTS - PLAN AND SECTIONS
ELECTRICAL	
E101	ELECTRICAL PLAN

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CITY OF PRESTON, MINNESOI RBC REPLACEMENT PROJECT

NO REVISION DATE

ISSUED FOR BID 8/29/25

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SITE PLAN 0 10' 20'



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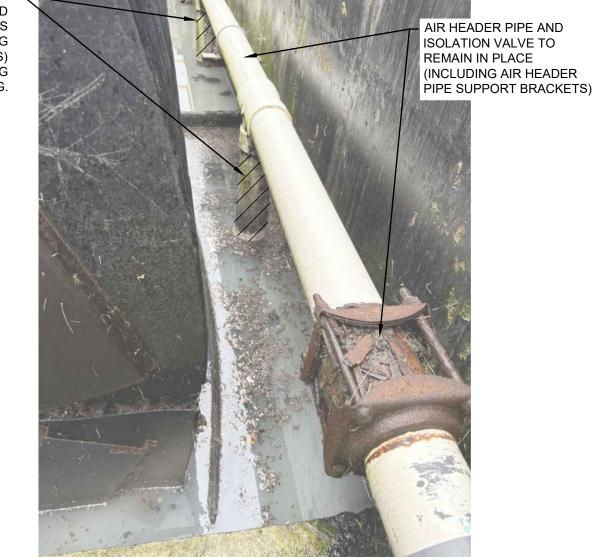
GENERAL SHEET NOTES

- 1. CONTRACTOR SHALL PROTECT ALL EXISTING SYSTEMS TO REMAIN DURING CONSTRUCTION. THIS INCLUDES ELECTRICAL, PROCESS EQUIPMENT, LADDERS, CONCRETE, AND ALL OTHER INFRASTRUCTURE ADJACENT TO THE WORK AREA.
- 2. CONTRACTOR SHALL COMPLETE TURF AND ACCESS ROAD RESTORATION AFTER WORK IS COMPLETE FOR ANY LAWN OR DRIVEWAY AREAS DAMAGED DURING CONSTRUCTION.
- 3. CONTRACTOR SHALL COORDINATE DRAINING THE RBC BASIN WITH THE OWNER. OWNER SHALL UTILIZE EXISTING DRAIN TO DRAIN LIQUID FROM TANK AS MUCH AS PRACTICAL. IT REMAINS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THE DRAINED TANK IS CLEANED APPROPRIATELY TO ALLOW FOR SAFE WORKING CONDITIONS. CONTRACTOR SHALL USE VAC TRUCK TO REMOVE ALL LIQUIDS AND SOLIDS FROM TANK PRIOR TO RBC EQUIPMENT INSTALLATION.

REMOVE RBC MEDIA DISCS, DRIVE ASSEMBLY, MAIN SHAFT, FREE END BEARING, DRIVE END BEARING



REMOVE ALL AIR DIFFUSER DROP PIPES AND SUBMERGED AIR DIFFUSER COMPONENTS (INCLUDING MOUNTING BRACKETS AND ANCHOR BOLTS) ADD PVC COUPLING TO EXISTING DROP LEG.



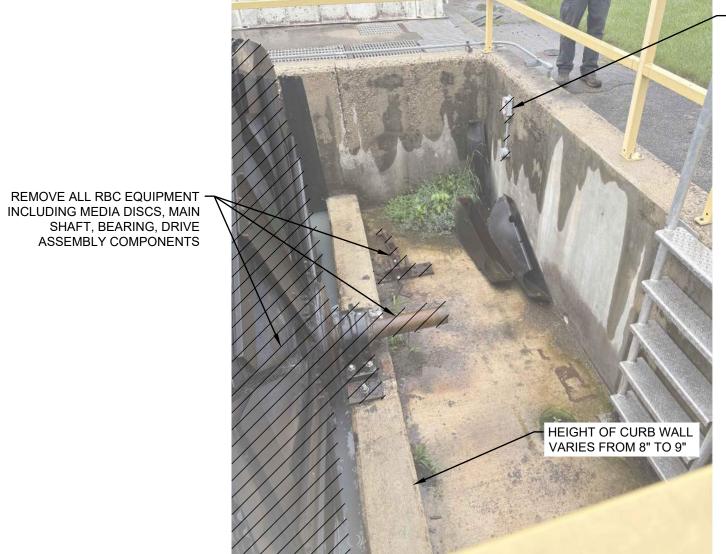
RBC DEMO DETAIL

OWNER WILL INSTALL FIBERGLASS OWNER WILL REMOVE COVER AFTER RBC REPLACEMENT EXISTING HANDRAIL PRIOR IS COMPLETE (TO MATCH COVER TO CONSTRUCTION OVER RBC-1)

RBC DEMO DETAIL

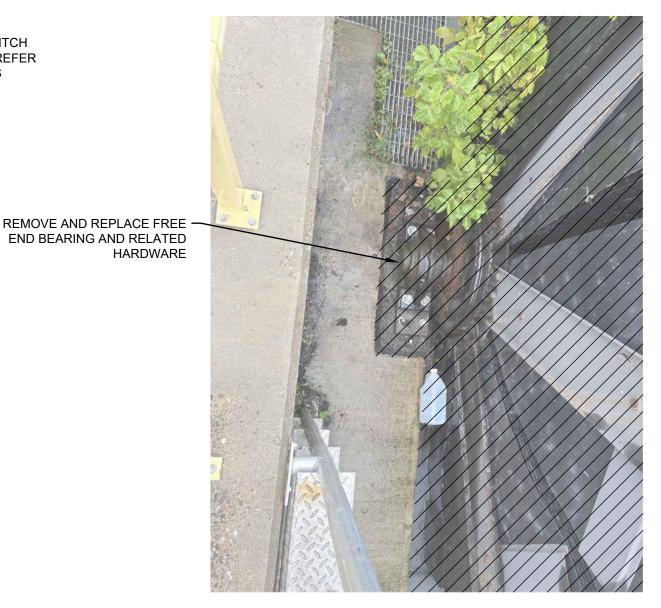


RBC DEMO DETAIL

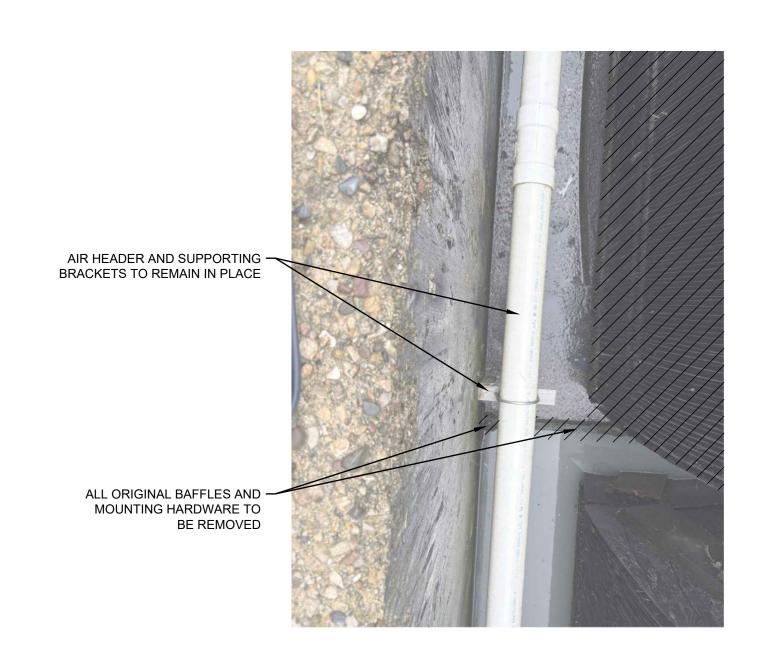


RBC DEMO DETAIL

REMOVE EXISTING SWITCH AND JUNCTION BOX - REFER TO ELECTRICAL PLANS



RBC DEMO DETAIL



RBC DEMO DETAIL

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SHEET NUMBER D101

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PROJ. NO. 17342015 D102



DISCONNECT BLOWER EXHAUST – FAN WIRING FROM EXISTING REVERSING STARTER AND EXTEND TO EXISTING GRIT PADDLE STARTER SHOWN IN DETAIL 4. CONNECT NEW RBC-2 DRIVE MOTOR TO THIS EXISTING
REVERSING STARTER AND
PROVIDE NEW NAMEPLATE FOR
STARTER ("RBC-2")

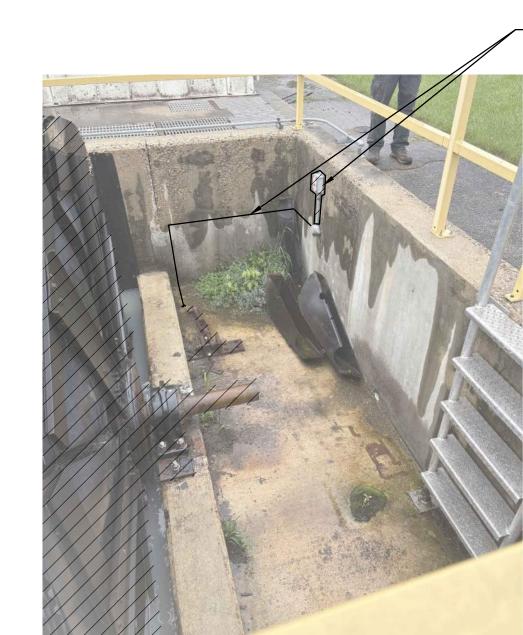


EXISTING EXHAUST FAN STARTER

SITE PLAN

SITE PLAN





- REMOVE EXISTING SWITCH AND REPLACE WITH NEW NEMA 4X ON-OFF CONTROL STATION WITH 30MM SELECTOR SWITCH OPERATOR. CONNECT NEW SWITCH TO EXISTING CONTROL WIRING. EXTEND POWER WIRING (0.75"C-3#12,1#12G) FROM EXISTING JUNCTION BOX TO NEW RBC MOTOR. SEE DETAIL 2/D102 FOR MOTOR LOCATION.



DISCONNECT ABANDONED GRIT PADDLE — WIRING AND CONNECT BLOWER EXHAUST FAN TO EXISTING STARTER. PROVIDE NEW NAMEPLATE FOR STARTER ("BLOWER EXHAUST FAN")

EXISTING GRIT PADDLE STARTER

DESIGNED CHECKED APPROVED

no revision date ISSUED FOR BID 8/29/2

PROJ. NO. 173420152 SHEET NUMBER E101