

DEMOLITION NOTES

- BACKGROUND INFORMATION AND TOPOGRAPHIC SURVEY TAKEN FROM SURVEY PERFORMED BY RANI ENGINEERING ON SEPTEMBER 10, 2023 EXPRESSLY FOR THIS PROJECT. ELAN DESIGN LAB CANNOT GUARANTEE THE ACCURACY OR COMPLETENESS OF THIS INFORMATION. VERIFY ALL FIELD CONDITIONS AND UTILITY LOCATIONS PRIOR TO EXCAVATION/CONSTRUCTION. IF ANY DISCREPANCIES OR UNKNOWN UTILITIES ARE FOUND THAT IMPACT DESIGN OR IMPAIR CONSTRUCTION, THE ENGINEER AND OWNER SHOULD BE IMMEDIATELY NOTIFIED.
- CONTRACTOR SHALL BRING ANY CHANGED OR UNFORESEEN CONDITIONS THAT COULD RESULT IN ADDITIONAL COST TO THE ATTENTION OF THE OWNER AND ENGINEER AS SOON AS THEY ARE DISCOVERED SO THAT THEY CAN BE PROPERLY DOCUMENTED. FAILURE TO NOTIFY OR COVERING UNWITNESSED WORK SHALL RESULT IN REJECTION OF CLAIMS FOR ADDITIONAL COMPENSATION.
- INGRESS AND EGRESS TO THE SITE SHALL, AT ALL TIMES BE LIMITED TO THE CONSTRUCTION ENTRANCES, WHICH SHALL BE IN PLACE PRIOR TO COMMENCEMENT OF DEMOLITION AND CLEARING OF THE SITE. SEE CG201 FOR LOCATIONS.
- PROTECT ALL STRUCTURES AND LANDSCAPE NOT LABELED FOR DEMOLITION FROM DAMAGE DURING CONSTRUCTION. ANY ON-SITE OR OFF-SITE AREAS DISTURBED DIRECTLY OR INDIRECTLY DUE TO CONSTRUCTION SHALL BE RETURNED TO A CONDITION EQUAL TO OR BETTER THAN THE EXISTING CONDITION. CONTRACTOR IS SOLELY RESPONSIBLE FOR ANY CIVIL PENALTIES RESULTING FROM THEIR WORK UNDER THIS CONTRACT.
- LIMIT CONSTRUCTION ACTIVITIES TO THE CONSTRUCTION LIMITS SHOWN ON THE PLAN. IF WORK NEEDS TO EXTEND TO PUBLIC STREETS IT IS THE CONTRACTOR'S RESPONSIBILITY TO APPLY FOR ALL PERMITS, PREPARE ALL DRAWINGS AND PAY ALL FEES AND COSTS. ALL CONSTRUCTION ACTIVITIES SHALL COMPLY WITH LOCAL ORDINANCES.
- PERIMETER SECURITY FENCE, CONSTRUCTION ENTRANCE AND FIBER LOGS SHALL BE IN PLACE PRIOR TO COMMENCEMENT OF DEMOLITION OPERATIONS. SEE SHEETS CG201 FOR ALL EROSION CONTROL MEASURES AND APPROPRIATE STAGING.
- PROVIDE NECESSARY BARRICADES, SUFFICIENT LIGHTS, SIGNS AND OTHER TRAFFIC CONTROL METHODS AS MAY BE NECESSARY FOR THE PROTECTION AND SAFETY OF THE PUBLIC AND MAINTAIN THROUGHOUT THE LIFE OF THE PROJECT.
- CONSTRUCTION WASTE SHALL BE REMOVED FROM THE SITE IN ACCORDANCE WITH ALL LOCAL, COUNTY, STATE AND FEDERAL REQUIREMENTS. ABATEMENT OF ANY MATERIALS DETERMINED BY THE ENVIRONMENTAL ENGINEER TO BE HAZARDOUS SHALL BE REMOVED IN ACCORDANCE WITH APPROPRIATE REQUIREMENTS. WORK SITE SHALL BE LEFT IN A CONDITION THAT MINIMIZES EROSION POTENTIAL ON A NIGHTLY BASIS.
- COORDINATE RELOCATION, DISRUPTION OF OR SERVICE AND DEMOLITION OF ANY PRIVATELY OWNED UTILITIES WITH THE APPROPRIATE UTILITY COMPANY. RESTORATION SHALL BE IN ACCORDANCE WITH THE UTILITY OWNER'S REQUIREMENTS AT CONTRACTORS EXPENSE. RE-USE OF ANY EXISTING SERVICES TO BE AT THE DISCRETION OF THE UTILITY OWNER.

SITE PLAN NOTES

- VERIFY ALL FIELD CONDITIONS AND UTILITY LOCATIONS PRIOR TO EXCAVATION/CONSTRUCTION. IF ANY DISCREPANCIES OR UNKNOWN UTILITIES ARE FOUND THAT IMPACT DESIGN OR IMPAIR CONSTRUCTION, THE ENGINEER AND OWNER SHOULD BE IMMEDIATELY NOTIFIED.
- DIMENSIONS SHOWN ON THIS PLAN ARE TO THE PROPERTY LINE, EDGE OF PAVEMENT, FACE OF CURB AND BUILDING FACE.
- MEET AND MATCH EXISTING CONDITIONS. PROVIDE TRANSITION AS NECESSARY.
- ALL CURBS TO HAVE 3/4" EXPANSION JOINTS AT A MAXIMUM OF 10'-0" AND CONTROL JOINTS AT A MAXIMUM OF 10'-0".
- ALL PARKING STALLS TO BE PAINTED WITH A 4" WIDE YELLOW STRIPE. ACCESSIBLE ROUTES AND ACCESS AISLES TO BE PAINTED WITH A 6" YELLOW PERIMETER BORDER AND 4" WIDE STRIPE, 18" ON CENTER, AND 45 DEGREES TO STALL.
- PROVIDE PAINT SYMBOLS AND SIGNAGE AT ACCESSIBLE PARKING SPACES.
- THE CONTRACTOR SHALL CONSTRUCT ALL PAVEMENTS TO CONFORM WITH THE CORRECT LINES AND FINISHED GRADES ON THE PLANS. NO PONDING OF WATER WILL BE ALLOWED. MATCH EXISTING PAVEMENT GRADES AT 116-IN POINTS. CUT CONTRACTION JOINTS AT EXISTING JOINT LOCATIONS.
- CONTINUE CONCRETE PAVEMENT JOINTS THROUGH CURB.
- SAW ALL CONCRETE CONSTRUCTION JOINTS, CLEAN DEBRIS, BLOW DRY AND IMMEDIATELY SEAL WITH JOINT SEALANT.
- REINFORCE ODD SHAPED PAVING PANELS WITH #3 BARS AT 24" EACH WAY. AN ODD SHAPED PANEL IS CONSIDERED TO BE ONE IN WHICH THE SLAB TAPERS TO A SHARP ANGLE WHEN THE LENGTH TO WIDTH RATIO EXCEEDS 3 TO 1 OR WHEN A SLAB IS NEITHER SQUARE NOR RECTANGULAR.
- SEE ARCHITECTURAL PLANS FOR LOCATIONS OF DOORS, STAIRS, BOLLARDS AND MONUMENT SIGN. SEE STRUCTURAL PLANS FOR STOOOP LOCATION AND SIZES.
- SEE ELECTRICAL SITE PLANS FOR LIGHTING LOCATIONS AND DETAILS.
- THE COST OF ALL CITY PERMITS AND INSPECTIONS SHALL BE BORNE BY THE CONTRACTOR.
- REFER TO SHEET CG202 FOR SWPPP AND CG201 FOR EROSION CONTROL REQUIREMENTS.

GRADING NOTES

- VERIFY ALL FIELD CONDITIONS AND UTILITY LOCATIONS PRIOR TO EXCAVATION/CONSTRUCTION. IF ANY DISCREPANCIES OR UNKNOWN UTILITIES ARE FOUND THAT IMPACT DESIGN OR IMPAIR CONSTRUCTION, THE ENGINEER AND OWNER SHOULD BE IMMEDIATELY NOTIFIED.
- REFER TO DEMOLITION PLAN FOR EXTENT OF UTILITY REMOVALS UNDER THIS CONTRACT.
- FOLLOW ALL RECOMMENDATIONS PRESENTED IN GEOTECHNICAL EVALUATION REPORT PREPARED BY CHOSEN VALLEY TESTING, MN, DATED 10/31/2024.
- SIDEWALLS SHALL BE RETAINED BENCHMARKED OR SLOPED TO PROVIDE SAFE WORKING CONDITIONS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ASSESSING THE STABILITY OF AND EXECUTING PROJECT EXCAVATIONS USING SAFE METHODS. THE CONTRACTOR IS ALSO RESPONSIBLE FOR NAMING THE "COMPETENT INDIVIDUAL" AS PER SUBPART P OF 29 CFR 1926.6 (FEDERAL REGISTER - OSHA).
- CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF SOIL, UTILITY AND BUILDING RETENTION SYSTEMS.
- SEE SHEET CU101 FOR STORM SEWER INFORMATION.
- RELOCATE BENCHMARKS AS NECESSARY WITH NEW BENCHMARK LOCATIONS WITHIN A TOLERANCE OF 0.010 VERTICAL FEET.
- THE PROPOSED GRADES SHOWN ON THE GRADING PLAN ARE FINISHED GRADES. SPOT ELEVATIONS ALONG CURB LINES REPRESENT THE FLOWLINE UNLESS OTHERWISE NOTED.
- GRADING ACTIVITY WHICH BLOCKS TRAFFIC OF ANY PUBLIC STREET, ALLEY, OR DRIVE IS SUBJECT TO APPROVAL BY THE CITY OF ARDEN HILLS. ALL WORK ON SITE SHALL BE SUBJECT TO CITY OF ARDEN HILLS APPROVAL.
- SIDEWALK CROSS-SLOPES SHALL NOT EXCEED 2.0%.
- IN AREAS WHERE NEW FILL IS TO BE PLACED ON SLOPING GROUND, BENCHING THE SURFACE SHALL BE COMPLETED PRIOR TO PLACING THE FILL. BENCHING SHALL BE COMPLETED WHERE SLOPES ARE STEEPER THAN 4:1 (HORIZONTAL:VERTICAL).
- SEE SHEET CG201 FOR EROSION AND SEDIMENT CONTROL PLAN.
- SEED ALL NON BUILDING AND NON PAVEMENT AREAS FOLLOWING FINAL GRADING ACTIVITIES PER THE LANDSCAPE PLANS.
- PROVIDE POSITIVE DRAINAGE AT ALL TIMES WITHIN THE CONSTRUCTION AREA. DO NOT ALLOW WATER TO POND IN EXCAVATION AREAS, AND MAINTAIN ALL EXISTING DRAINAGE PATTERNS.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO COMPLY WITH ALL OSHA REGULATIONS IN THE EXECUTION OF WORK UNDER THIS CONTRACT.

UTILITY NOTES

- VERIFY ALL CONNECTIONS TO EXISTING UTILITY SERVICES PRIOR TO CONSTRUCTION. ANY DISCREPANCIES BETWEEN LOCATED UTILITIES AND THE EXISTING CONDITIONS PLAN SHOULD BE NOTED AND FORWARDED TO THE ENGINEER.
- ALL CONNECTIONS TO PUBLIC UTILITIES TO BE IN ACCORDANCE WITH THE CITY OF MANKATO DESIGN STANDARDS, LATEST EDITION.
- CONTRACTOR TO PROVIDE ADEQUATE MEANS AND METHODS TO ASSURE ADJACENT PROPERTY IS NOT DAMAGED DURING UTILITY INSTALLATION.
- PIPE LENGTHS SHOWN ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.
- VERIFY BUILDING SERVICE LOCATIONS AND INVERTS WITH THE MECHANICAL PLANS PRIOR TO COMMENCING UTILITY CONSTRUCTION.
- PIPE MATERIALS:

STORM SEWER	< 12" SDR 26 PVC
	>= 12" RCP OR SDR 26 PVC
DRAIN TILE	ASTM D 2729
WATER	DIP
SANITARY	SDR 26 PVC
- ALL UTILITY CONSTRUCTION TO CONFORM WITH STATE, CITY ENGINEER'S ASSOCIATION OF MINNESOTA (CEAM), AND CITY OF ARDEN HILLS STANDARD SPECIFICATIONS.
- ADJUST ALL STRUCTURES, PUBLIC AND PRIVATE, TO PROPOSED GRADES WHERE DISTURBED. COMPLY WITH ALL REQUIREMENTS OF UTILITY OWNERS. STRUCTURES BEING RESET TO PAVED AREAS TO MEET OWNERS REQUIREMENTS FOR TRAFFIC LOADING.
- WATER AND FIRE LINES SHALL HAVE A MINIMUM 7.5' TO A MAXIMUM 10' OF COVER.
- PROVIDE ADDITIONAL BENDS WITH THRUST RESTRAINT AND OTHER APPURTENANCES TO ENSURE PROPER INSTALLATION OF WATER MAIN AND SERVICES.
- PROVIDE THRUST RESTRAINT AT ALL WATER AND FIRE LINE BENDS, TEES, HYDRANTS, ETC.
- COORDINATE LOCATIONS OF CONDUITS NEEDED FOR SITE LIGHTING AND IRRIGATION WITH ELECTRICAL AND LANDSCAPE CONTRACTORS. SEE ELECTRICAL PLAN FOR ADDITIONAL SITE ELECTRICAL INFORMATION. CONDUIT SHOULD BE ROUTED TO AVOID EXISTING TREES AND STORMWATER FACILITIES.
- THE PRIMARY ELECTRIC, TRANSFORMER, AND METER PROVIDED AND INSTALLED BY POWER COMPANY.

- COORDINATE INSTALLATION AND DESIGN OF GAS MAIN, VALVE AND METERS WITH GAS COMPANY. CONTRACTOR TO TRENCH AND BACKFILL GAS MAIN TO HAVE MINIMUM 24" OF COVER.
- COORDINATE INSPECTION AND TESTING FOR ALL UNDERGROUND UTILITIES WITH THE APPROPRIATE AUTHORITIES PRIOR TO COVERING TRENCHES.
- SEE DETAILS E10CK503 AND E20CK503 FOR PIPE BEDDING.

EROSION CONTROL NOTES

- SEE SWPPP FOR DETAILED REQUIREMENTS.
- FOLLOW ALL LOCAL, COUNTY, WATERSHED, AND STATE REQUIREMENTS COVERING STORMWATER COMPLIANCE.
- INSTALL TEMPORARY BMP'S PRIOR TO COMMENCING GRADING ACTIVITIES. MAINTAIN BMP'S THROUGHOUT THE DURATION OF THE PROJECT. REMOVE TEMPORARY BMP'S AFTER SITE IS STABILIZED.
- INSPECTIONS SHALL BE CONDUCTED BY THE CONTRACTOR ONCE EVERY SEVEN (7) DAYS DURING ACTIVE CONSTRUCTION AND WITHIN 24 HOURS AFTER A RAINFALL EVENT GREATER THAN 0.5 INCHES IN 24 HOURS.
- ADJACENT STREETS TO BE CONTINUOUSLY MONITORED FOR VEHICLE TRACKING AND IF NECESSARY SCRAPED CLEAN DAILY AND SWEEP CLEAN WEEKLY OR MORE OFTEN AS NEEDED.
- THE CONTRACTOR SHALL LIMIT THEIR ACTIVITIES TO THE GRADING LIMITS SHOWN ON THE GRADING PLAN. ALL CONSTRUCTION ACTIVITIES SHALL COMPLY WITH LOCAL ORDINANCE. THE CONTRACTOR SHALL SCHEDULE THEIR OPERATIONS TO MINIMIZE THE DISTURBED AREA AT ANY GIVEN TIME.
- ANY TEMPORARY SOIL STOCKPILES ON THE SITE ARE TO BE SURROUNDED WITH SILT FENCE AND HYDRO MULCHED AND SHALL NOT BE PLACED IN STORM WATER CONVEYANCES OR SURFACE WATERS.
- ALL EROSION, SEDIMENT AND WASTE CONTROL ITEMS MUST BE IN COMPLIANCE WITH THE MPCA CSW PERMIT (MN R100001).

DEMOLITION LEGEND

- FULL-DEPTH BITUMINOUS PAVEMENT REMOVAL
- REMOVE TREES & VEGETATION
- REMOVE FIRE HYDRANT
- CONSTRUCTION LIMITS
- REMOVE STORM SEWER

SITE LEGEND

- HEAVY DUTY BITUMINOUS PAVEMENT
- LIGHT DUTY BITUMINOUS PAVEMENT
- GREENSPACE
- BIOFILTRATION BASIN
- CONCRETE SIDEWALK
- FENCE

GRADING LEGEND

- STORM SEWER
- MINOR PROPOSED CONTOUR
- MAJOR PROPOSED CONTOUR
- MINOR EXISTING CONTOUR
- MAJOR EXISTING CONTOUR
- SPOT ELEVATION
- HIGH POINT
- LOW POINT
- TOP OF CURB
- LOW GRADE AT RETAINING WALL
- HIGH GRADE AT RETAINING WALL
- BOARDWALK ELEVATION
- GROUND ELEVATION AT BOARDWALK
- MATCH EXISTING

EROSION AND SEDIMENT CONTROL LEGEND

- SILT FENCE
- FILTER LOG SEDIMENT CONTROL
- TREE PROTECTION FENCE
- CONSTRUCTION LIMITS
- INLET PROTECTION
- ROCK CONSTRUCTION ENTRANCE
- RIP RAP
- FIBER BLANKET MDOT CATEGORY 20 (ALL SEEDED SLOPE >4:1, DITCH BOTTOM, AND BIOFILTRATION BASINS)
- STOCKPILE

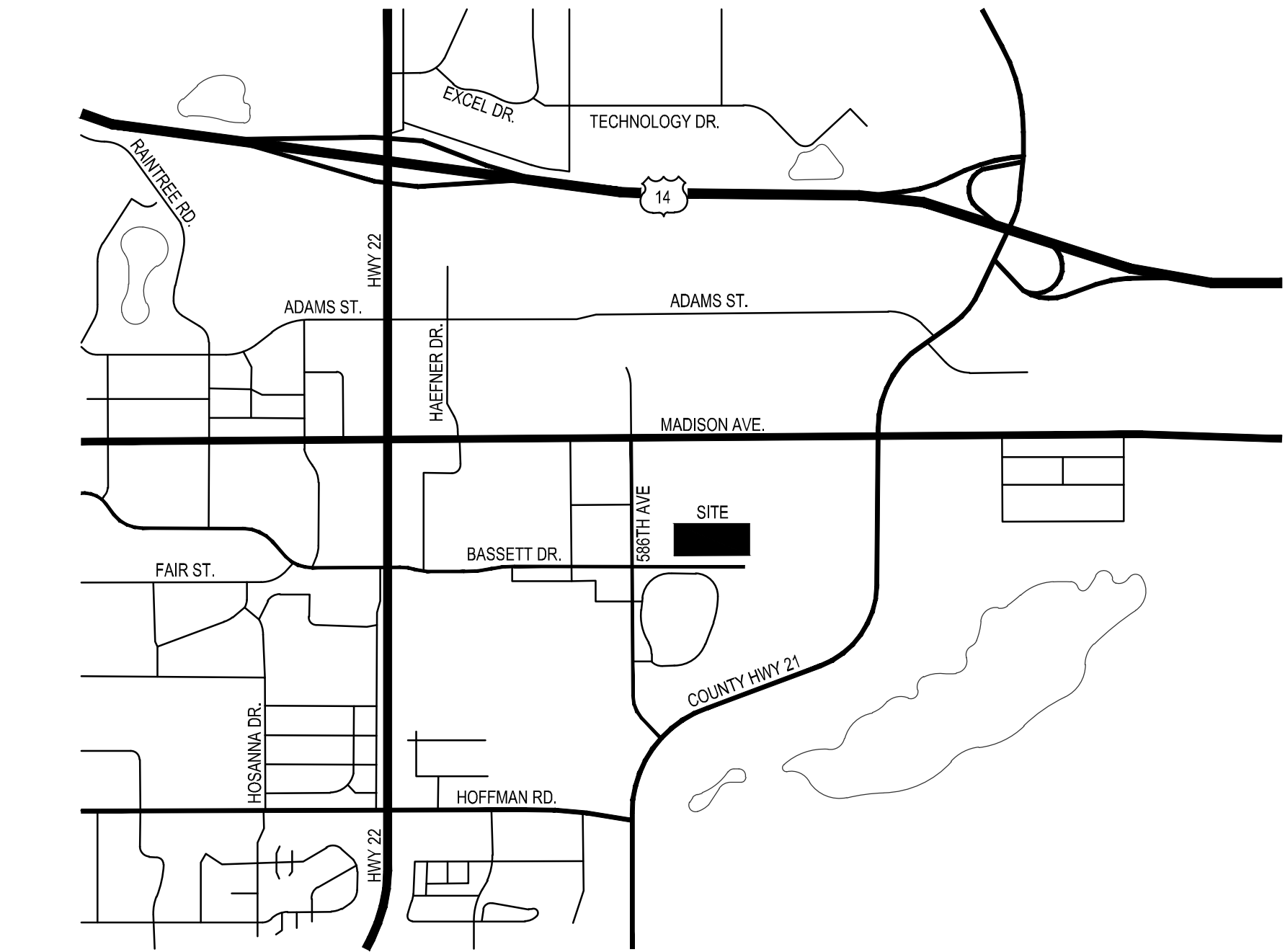
UTILITY LEGEND

- SANITARY SEWER
- DOMESTIC WATER SERVICE
- DRAIN TILE
- STORM SEWER
- CATCH BASIN (CB)
- CATCH BASIN MANHOLE (CBMH)
- STORM MANHOLE (STMH), SANITARY MANHOLE (SSWH MH)
- CONCRETE FLARED END SECTION (FES)
- WATER VALVE
- RAIN GUARDIAN TURRET
- NYLOPLAST CATCH BASIN
- CLEANOUT
- FIRE DEPARTMENT CONNECTION

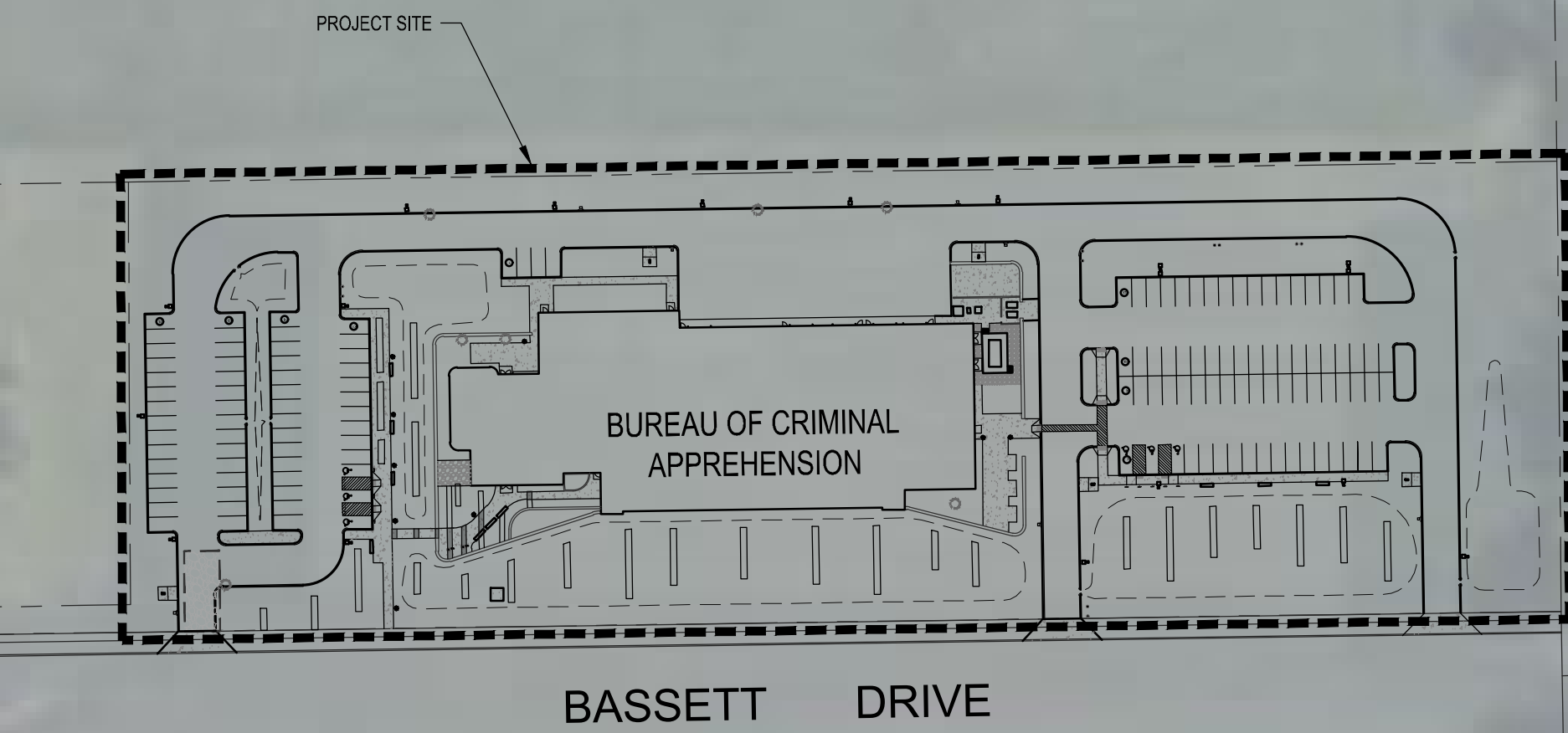
811
Know what's below.
Call before you dig.

100 300
SCALE IN FEET

MADISON AVENUE



D5 VICINITY MAP
NTS



BLUE EARTH COUNTY JUSTICE CENTER

MnDOT DISTRICT HEADQUARTERS

A1 LOCATION MAP
1" = 100'

Minnesota
BCA
Bureau of Criminal Apprehension
MN BCA Southern Regional
Office and Laboratory
TBD (Bassett Drive)
Mankato, MN 56001
STATE OF MINNESOTA
State RECS Project Number: 07MK0002
Department of
Public Safety
445 Minnesota St.,
St. Paul, MN 55101



730 Second Avenue South, Suite 1300
Minneapolis, MN 55402-2455
Tel: 612.338.8741

Civil Consultant:
ELAN DESIGN LAB, INC.
310 4th Avenue South, Suite 1006
Minneapolis, MN 55415
Tel: 612.280.7004

Landscape Consultant:
DAMON FARBBER
310 4th Avenue South, Suite 7050
Minneapolis, MN 55415
Tel: 612.332.7522

Laboratory Consultant:
MWL ARCHITECTS
11758 N Lakeside Pkwy
Ashland, VA 23005
Tel: 804.314.9359

KEY PLAN

REVISIONS

NO.	DESCRIPTION	DATE

FILE LOG

ACTIVITY	BY
Manager	MDW
Design	MDW
Draw	AMW
Check	SMU

STAMP

PRELIMINARY
NOT FOR CONSTRUCTION

100% DESIGN DEVELOPMENT

Project No. 023-10680-000 / LAD240017
MARCH 28, 2025

CIVIL NOTES, LOCATION
MAP, AND LEGEND

CN101