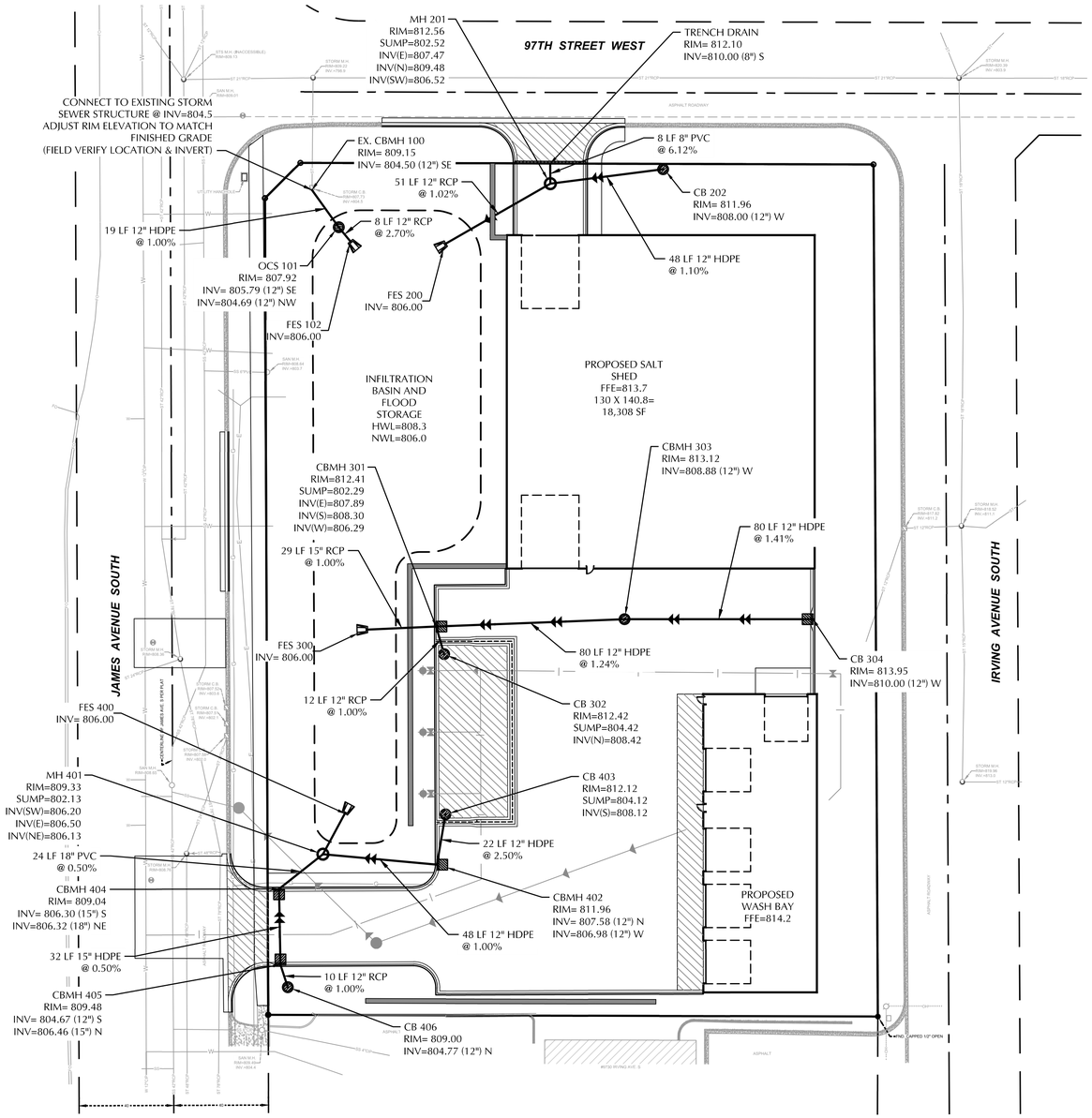

LEGEND

PROPOSED

- CATCH BASIN
- STORM MANHOLE
- FLARED END SECTION
- SANITARY MANHOLE
- HYDRANT
- GATE VALVE
- POST INDICATOR VALVE — PIV
- WATER MANHOLE / WELL
- LIGHT POLE
- POWER POLE
- ELECTRIC METER
- GAS METER
- TELEPHONE PEDESTAL
- SIGN
- BENCHMARK
- SOIL BORING — B-
- PARKING STALL COUNT — 2
- ACCESSIBLE PARKING STALL
- STORM SEWER
- DRAINTILE — DT
- SANITARY SEWER
- FORCEMAIN — FM
- WATERMAIN
- SANITARY SEWER SERVICE
- WATER SERVICE
- UNDERGROUND ELECTRIC — ELE
- UNDERGROUND FIBER OPTIC — FO
- UNDERGROUND GAS — GAS
- UNDERGROUND TELEPHONE — TEL
- OVERHEAD UTILITY — OH
- FENCE
- CHAIN LINK FENCE
- CONCRETE CURB
- RETAINING WALL
- CONCRETE
- NO PARKING
- BUILDING
- CONTOUR — 972
- SPOT ELEVATION — 972.5
- DIRECTION OF FLOW — 1.0%
- TREE LINE
- PARKING SETBACK LINE — PSBL
- BUILDING SETBACK LINE — BSBL

STORM SEWER NOTES

1. ALL STORM SEWER SHALL BE FURNISHED AND INSTALLED PER THE REQUIREMENTS OF THE SPECIFICATIONS,THE MINNESOTA PLUMBING CODE, THE LOCAL GOVERNING UNIT, AND THE STANDARD UTILITIES SPECIFICATION OF THE CITY ENGINEERS ASSOCIATION OF MINNESOTA (CEAM), CURRENT EDITION.
2. ALL UTILITY PIPE BEDDING SHALL BE COMPACTED SAND OR FINE GRANULAR MATERIAL. ALL COMPACTION SHALL BE PERFORMED PER THE REQUIREMENTS OF THE CEAM SPECIFICATION AND THE GEOTECHNICAL REPORT.
3. ALL CONNECTIONS TO EXISTING UTILITIES SHALL BE PERFORMED PER THE REQUIREMENTS OF THE STATE AND LOCAL JURISDICTIONS. THE CITY DEPARTMENT OF ENGINEERING AND BUILDING INSPECTIONS DEPARTMENT AND THE CONSTRUCTION ENGINEER MUST BE NOTIFIED AT LEAST 48 HOURS PRIOR TO ANY WORK WITHIN THE PUBLIC RIGHT OF WAY, OR WORK IMPACTING PUBLIC UTILITIES.
4. ALL SITE UTILITY SERVICES SHALL TERMINATE 5' FROM THE EXTERIOR BUILDING WALL UNLESS OTHERWISE NOTED. THE SITE UTILITY CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR, MECHANICAL CONTRACTOR AND MECHANICAL ENGINEER TO DETERMINE THE RESPONSIBILITY OF BRINGING THE SERVICE(S) INTO THE BUILDING, INSPECTIONS AND TESTING PER APPLICABLE GOVERNING AGENCIES.
5. PER MINNESOTA DEPARTMENT OF LABOR & INDUSTRY REQUIREMENTS, A MINIMUM OF 18 INCHES OF VERTICAL SEPARATION AND 10 FEET OF HORIZONTAL SEPARATION IS REQUIRED FROM WATERMAIN TO ANY MANHOLE, SEPTIC SYSTEM, CATCH BASIN, SEWER PIPE, OR OTHER SOURCE OF CONTAMINATION, MEASURED FROM THE OUTER EDGE OF THE PIPE TO THE OUTER EDGE OF THE CONTAMINATION SOURCE UNLESS OTHERWISE SHOWN.
6. ALL STORM SEWER DOWNSPOUT COLLECTION PIPES AND WYES SHALL BE PVC (SCHEDULE 40).
7. CONTRACTOR TO SUBMIT SHOP DRAWINGS OF STORM STRUCTURE(S) AND UNDERGROUND SYSTEM(S) FOR ENGINEER'S REVIEW.
8. CONTRACTOR TO VERIFY UNDERLYING SOILS BENEATH ALL STORMWATER FACILITIES, AND PROVIDE DOCUMENTATION TO THE ENGINEER, PRIOR TO CONSTRUCTION OF THE FACILITIES.
9. ALL PORTIONS OF THE STORM SEWER SYSTEM, INCLUDING CATCH BASINS, LOCATED WITHIN 10 FEET OF THE BUILDING OR WATER SERVICE LINE MUST BE TESTED ACCORDANCE WITH MINNESOTA RULES, PART 4714.
10. REFER TO GEOTECHNICAL ENGINEERING REPORT (REPORT MP255193), DATED DECEMBER 5, 2025 AS PREPARED BY TERRACON CONSULTANTS, FOR AN EXISTING SUBSURFACE SITE CONDITION ANALYSIS AND CONSTRUCTION RECOMMENDATIONS INCLUDING BUT NOT LIMITED TO:
    - A. REUSE OF ON-SITE SOILS
    - B. GROUNDWATER AND RECOMMENDATIONS FOR EXCAVATION DEWATERING.
    - C. SITE GRADING AND SUBGRADE PREPARATION.
    - D. PAVEMENTS AND EXTERIOR SLABS.
    - E. TRENCH EXCAVATION AND BACKFILL.
    - F. EXTERIOR UTILITY SUPPORTS.
    - G. FROST PROTECTION.
11. CONTRACTOR SHALL PROVIDE AS-BUILT INFORMATION OF CONSTRUCTED STORMWATER MANAGEMENT SYSTEMS & ASSOCIATED INFRASTRUCTURE (RECOMMENDED PRIOR TO BACKFILLING) PER APPLICABLE PERMIT REQUIREMENTS AND/OR DEVELOPMENT AGREEMENTS.
12. ALL UNUSED UTILITY SERVICES SHALL BE ABANDONED PER THE REQUIREMENTS OF THE APPLICABLE GOVERNING AGENCIES.
13. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED UTILITY PERMITS FROM THE APPLICABLE GOVERNING AGENCIES.

CALL BEFORE YOU DIG!
Gopher State One Call
TWIN CITY AREA: 651-454-0002
TOLL FREE: 1-800-252-1166

WARNING:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING FOR LOCATIONS OF ALL EXISTING UTILITIES. THEY SHALL COOPERATE WITH ALL UTILITY COMPANIES IN MAINTAINING THEIR SERVICE AND / OR RELOCATION OF LINES.

THE CONTRACTOR SHALL CONTACT GOPHER STATE ONE CALL AT 651-454-0002 AT LEAST 48 HOURS IN ADVANCE FOR THE LOCATIONS OF ALL UNDERGROUND WIRES, CABLES, CONDUITS, PIPES, MANHOLES, VALVES OR OTHER BURIED STRUCTURES BEFORE DIGGING. THE CONTRACTOR SHALL REPAIR OR REPLACE THE ABOVE WHEN DAMAGED DURING CONSTRUCTION AT NO COST TO THE OWNER.

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SCALE IN FEET

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REVISION SCHEDULE

NO.	DESCRIPTION	DATE

PRELIMINARY
NOT FOR CONSTRUCTION

CITY OF BLOOMINGTON
SALT SHED AND BRINE BUILDING
BLOOMINGTON, MN

DATE 01/13/2026
PHASE PLANNING COMMISSION
PROJECT 22263.01
SHEET C4-2
STORM SEWER PLAN

Plotted: 1/13/2026 4:40 PM