GENERAL NOTES:

1. The subsurface utility location information in this plan is utility quality level D. This utility quality level was determined according to the guidelines of CI/ASCE 38-02, titled "Standard Guidelines for the Collection and Depiction of Existing Subsurface Utility Data." Engineer does not guarantee the accuracy of utility locations or that all existing utilities are shown; Contractor is responsible for locating utilities prior to digging.
2. Survey prepared by E.G. Rud & Sons, Inc.
3. Confirm concrete stoop and drive locations and dimensions with architectural and structural plans.
4. Protect light poles and other existing utilities, signs, trees, etc. Relocation of any private utilities not directed on these plans shall be coordinated with the utility owner. Damaged items or property shall be repaired or replaced at Contractor's expense.
5. Parking lot dimensions are to face of curb unless noted otherwise.
6. Seed disturbed areas with commercial turf grass or prairie mix per preference.

HOT MIX ASPHALT:

1. Bituminous pavement shall be of type indicated in the details, meeting all material and installation requirements of Mn/DOT Specification Section 2360.
2. The bituminous surfacing shall be prepared, handled, and constructed per Mn/DOT 2360, with a maximum deviation of plus or minus ¼ inch from the planned compacted thickness.
3. The bituminous material for tack coat shall be CSS-1, CSS-1h, CRS-1, or CRS-2 meeting requirements of Mn/DOT 2357.
4. When connecting to old bituminous pavement, a clean, straight, vertical edge will be provided by saw-cutting full depth through the existing pavement. New bituminous pavement shall match grade of existing pavement, with no noticeable difference at joint.
5. The contact surfaces of all fixed structures, the edge of the in-place mixture in all courses at transverse joints, and the wearing course at longitudinal joints shall be given a uniform coating of Liquid Asphalt or Emulsified Asphalt tackifier before placing the adjoining mixture. The bituminous material shall be applied at a rate of 0.05 Gal/SY and by methods that will ensure uniform coating and in no case shall the application be excessive. The contractor shall thoroughly clean all hard surfaces immediately before applying tack material.
6. Compaction of all street patch / driveway / parking lot bituminous asphalt mixtures shall be by the Ordinary Compaction Method (2360).

CONCRETE CURBING & WALKS

1. ACI 330 R-08, ACI 330.1-03 Specifications and Mn/DOT Specification Section 2461, 2521 and 2531 shall apply to ready-mixed concrete pavement materials, construction, curing, and quality control for concrete pavements, curb and gutter construction and miscellaneous concrete work.
2. The concrete mix to be used shall be 3F52 for manual or slip form placement (2531).
3. Provide contraction and expansion jointing per Mn/DOT 2531; curb contraction joints shall be placed at even increments of 10 feet.
4. All concrete shall be coated with white pigmented curing compound immediately after finishing is complete in accordance with Mn/DOT 3754, meeting ASTM C309, Type 2.
5. Testing and inspection requirements per ACI-330.1-03. Contractor responsible for testing per ASTM C94. Concrete failing to meet strength shall be remedied as appropriate. Concrete tests for slump, air content, density, and temperature shall be performed at least once per day. All testing results shall be distributed to the Owner / Engineer for review.
6. Minimum 6" depth of Class 5 aggregate base shall be furnished under all curb. All base material shall be compacted to 100% Standard Proctor upon the prepared subgrade.
7. Base course shall be moist, but not saturated during concrete placement. Apply water not less than 6 hours before placement; if base dries, sprinkle water to moisten to avoid pools.

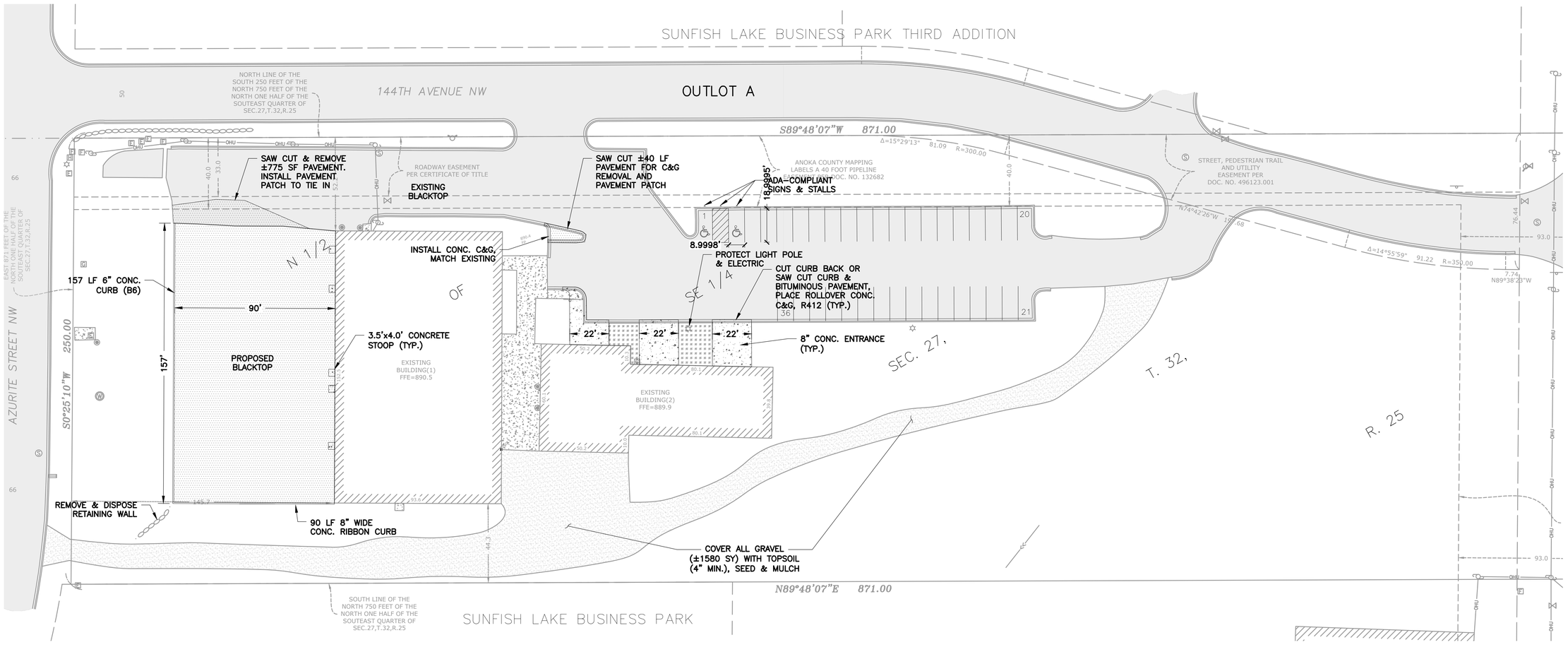
N

0 30 60 FEET

BENCHMARK
MNDOT BENCHMARK HYATT MNDT
ELEV.=897.001 (NAVD88)

LEGEND:

- PROPERTY LINE
- SETBACK
- EASEMENT
- CURB & GUTTER
- BITUMINOUS ASPHALT
- CONCRETE
- AGGREGATE



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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 M. PØGGI

DATE: 07-25-2025

LIC. NO.: 44573

DESIGNED: DMP
DRAWN: DMP
CHECKED: KEB

DATE / REVISION:
06-17-2025 Permit Review Set. NOT FOR CONSTRUCTION
07-25-2025 Revised per City comments.

14310 SUNFISH LAKE BLVD
JOSH CLARK
RAMSEY, MN

LAYOUT

SHEET NO: 01 / 04

Print Date: 7/25/2025 10:16 AM
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