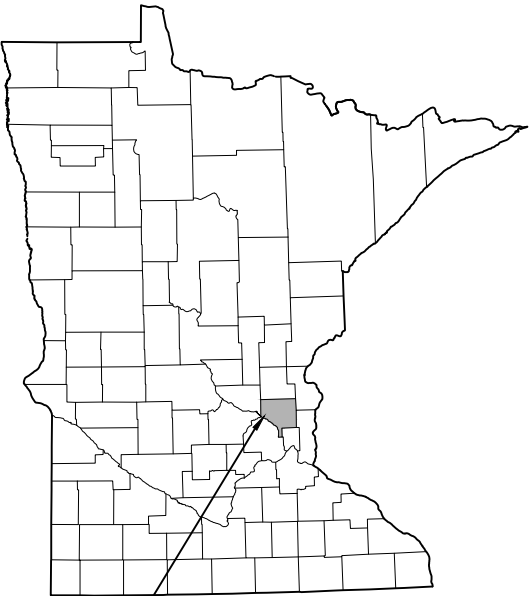
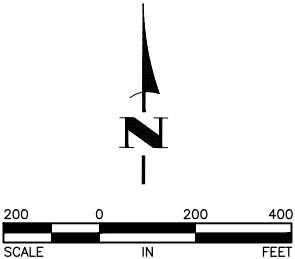
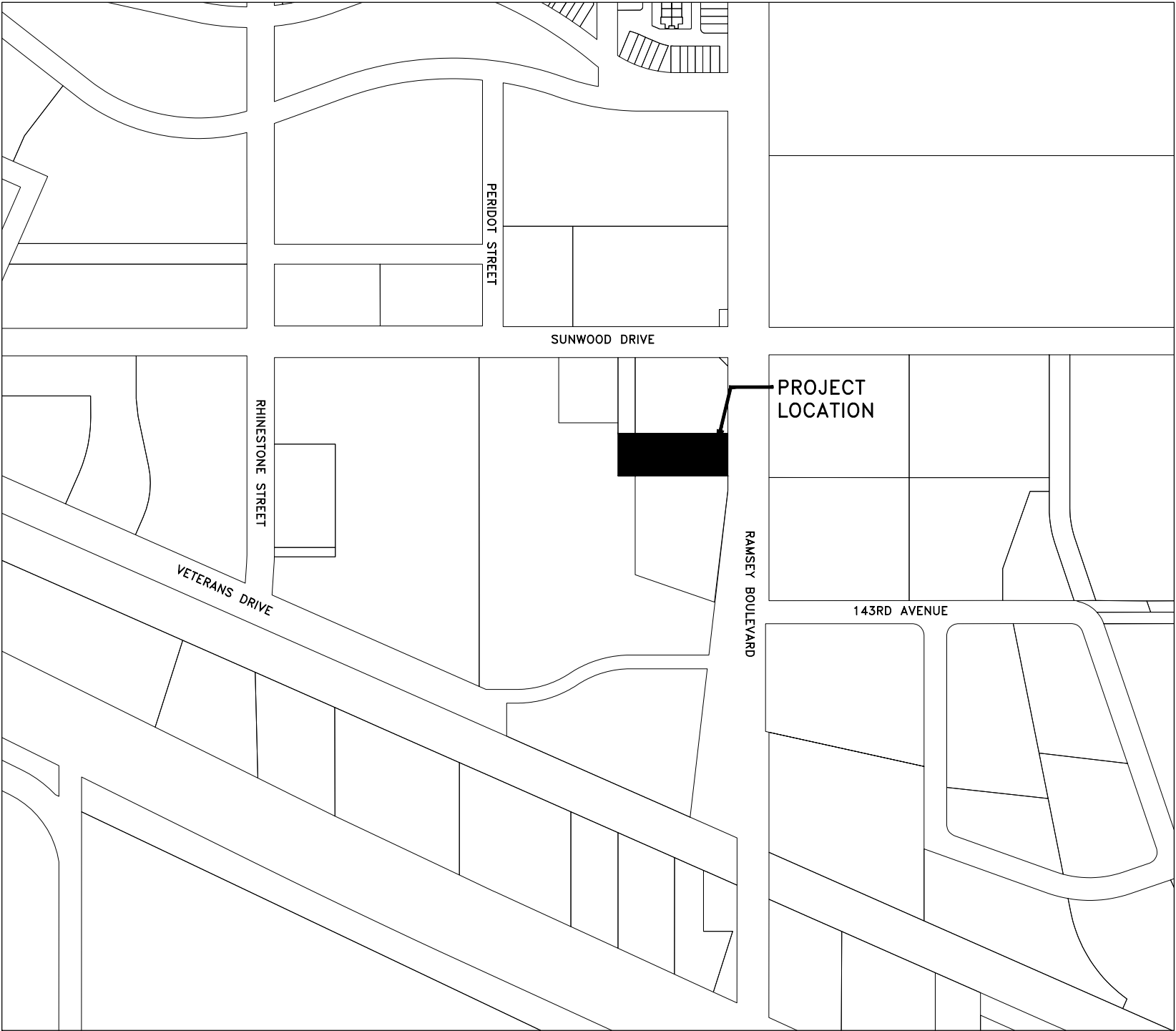


SCOOTER'S COFFEE
SITE IMPROVEMENT PLANS
CITY OF RAMSEY, MINNESOTA



THE SUBSURFACE UTILITY INFORMATION
IN THIS PLAN IS UTILITY QUALITY LEVEL
D. THIS QUALITY LEVEL WAS DETERMINED
ACCORDING TO THE GUIDELINES OF
ASCE 38-22, ENTITLED "STANDARD
GUIDELINES FOR INVESTIGATION AND
DOCUMENTING EXISTING UTILITIES."



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

GOVERNING SPECIFICATIONS

THE 2025 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL APPLY.

THE 2023 EDITION OF THE CITY ENGINEERS ASSOCIATION OF MINNESOTA (CEAM) STANDARD SPECIFICATIONS SHALL APPLY.

ALL FEDERAL, STATE AND LOCAL LAWS, REGULATIONS, AND ORDINANCES SHALL BE COMPLIED WITH IN THE CONSTRUCTION OF THIS PROJECT.

ALL TRAFFIC CONTROL DEVICES AND SIGNING SHALL CONFORM TO THE LATEST EDITION OF THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, INCLUDING THE LATEST FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS.

ENGINEERING AND DESIGN STANDARDS FOR THE CITY OF RAMSEY DATED 2/5/2024.

SHEET INDEX

THIS PLAN CONTAINS 12 SHEETS

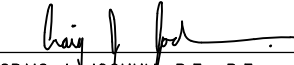
SHEET NO. DESCRIPTION

- | | |
|------|---------------------------------------|
| 1 | TITLE SHEET |
| 2 | NOTES AND DETAILS |
| 3 | DETAILS |
| 4 | EXISTING CONDITIONS AND REMOVALS PLAN |
| 5 | PAVEMENT AND STRIPING PLAN |
| 6 | GRADING AND EROSION CONTROL PLAN |
| 7-8 | UTILITY PLAN |
| 9-10 | SWPPP |
| 11 | STAKING PLAN |
| 12 | SITE PLAN |

PROJECT LEGEND

- | | |
|-----------------|-------------------------------|
| ----- 900 ----- | EXISTING CONTOUR |
| ----- 900 ----- | PROPOSED CONTOUR |
| ----- | PROPERTY LINE |
| ----- | RIGHT OF WAY LINE |
| ----- | EASEMENT LINE |
| FO-BUR | BURIED FIBER OPTIC CABLE |
| T-BUR | BURIED TELEPHONE CABLE |
| G | GAS MAIN |
| P-BUR | BURIED ELECTRIC CABLE |
| P-OH | OVERHEAD ELECTRIC CABLE |
| □ | UTILITY PEDESTAL |
| ○ | POWER POLE |
| + | GUY WIRE |
| ⊕ | LIGHT POLE |
| ⊕ | SIGNAL POLE |
| — >> — | STORM SEWER |
| ⊗ | STORM SEWER MANHOLE |
| ⊗ | CATCH BASIN |
| △ | FES |
| — I — | WATERMAIN |
| ⊗ | WATERMAIN MANHOLE |
| ⊕ | HYDRANT |
| ⊗ | GATE/BUTTERFLY VALVE |
| ⊕ | WATER SERVICE |
| — > — | SANITARY SEWER |
| ⊗ | SANITARY SEWER MANHOLE |
| ⊕ | SANITARY CLEANOUT |
| ⊕ | SEWER SERVICE |
| ⊗ | TRUNCATED DOMES |
| ===== | CONCRETE CURB & GUTTER |
| ⊕ | SIGN |
| ⊕ | MAILBOX |
| 2
3 | DETAIL NUMBER |
| 2
3 | SHEET NUMBER |
| ----- | SAWCUT BITUMINOUS OR CONCRETE |

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.

	23461	DATE	8/6/26
CRAIG J. JOCHUM, P.E., P.E.	LIC. NO.		
HAKANSON ANDERSON			
DESIGN ENGINEER			

DATE	REVISION

GENERAL CONSTRUCTION AND SOILS NOTES:

1. STRIP ALL INPLACE TOPSOIL IN AREAS TO BE DISTURBED BY CONSTRUCTION. IN AREAS OF PARKING LOT AND BUILDING CONSTRUCTION, THE EXPOSED SAND SHALL BE SURFACE COMPACTED TO AT LEAST 100% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY, ASTM D698, IN AT LEAST THE UPPER 3 FEET.
2. UNLESS OTHERWISE RECOMMENDED IN THESE PLANS, THE GRADING SUBGRADE SHALL BE CONSTRUCTED OF SUITABLE GRADING MATERIAL. THE FILL SHALL BE PLACED IN 8" TO 10" LOOSE LIFTS, AND COMPACTED TO 100% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY.
3. SUITABLE GRADING MATERIAL FOR THIS PROJECT SHALL CONSIST OF ALL SOILS ENCOUNTERED WITH THE EXCEPTION OF TOPSOIL, SILT, DEBRIS, ORGANIC MATERIAL AND OTHER UNSTABLE MATERIAL.
4. PROVIDE A SAW CUT WHEN PLACING NEW PAVEMENT ADJACENT TO INPLACE PAVEMENT AND AT TERMINI OF CONSTRUCTION TO ENSURE A UNIFORM JOINT.
5. BITUMINOUS AND CONCRETE ITEMS DISTURBED BY CONSTRUCTION SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH MN/DOT SPEC. 2104.
6. USE TACK COAT BETWEEN ALL BITUMINOUS MIXTURES. THE BITUMINOUS TACK COAT MATERIAL SHALL BE APPLIED AT A UNIFORM RATE OF 0.04 GAL/SY TO 0.06 GAL/SY BETWEEN BITUMINOUS LAYERS. THE APPLICATION RATES ARE FOR UNDILUTED EMULSIONS.
7. THE BITUMINOUS MIXTURES SHALL MEET THE REQUIREMENTS OF SPECIFICATIONS 2360 AND 3139.
8. INSTALLATION OF 4" OF TOPSOIL REQUIRED ACROSS ALL DISTURBED AREAS. TOPSOIL IS DEFINED AS BLACK DIRT COMPOSED OF UNCONSOLIDATED MATERIAL, LARGELY UNDECOMPOSED ORGANIC MATTER WHICH IS SUITABLE FOUNDATION FOR VEGETATION GROWTH. THE COMPOSITION OF TOPSOIL SHOULD CONTAIN NO MORE THAN THIRTY-FIVE PERCENT (35%) SAND CONTENT.

GENERAL EROSION CONTROL NOTES:

1. EROSION CONTROL SHALL CONFORM TO THE MN/DOT EROSION CONTROL HANDBOOK.
2. THE CONTRACTOR SHALL INSTALL EROSION AND SEDIMENT CONTROL FACILITIES (BMP'S) PRIOR TO GRADING AND REMOVAL ACTIVITIES. BMP'S SHALL BE MAINTAINED FOR THE DURATION OF CONSTRUCTION ACTIVITIES AND POTENTIAL FOR EROSION HAS PASSED.
3. THE CONTRACTOR SHALL SCHEDULE THEIR OPERATION TO MINIMIZE THE AMOUNT OF DISTURBED AREA AT ANY GIVEN TIME.
4. BMP'S SHALL BE INSPECTED DAILY BY THE CONTRACTOR. OBSERVATIONS SHALL BE RECORDED IN AN INSPECTION LOG. WEEKLY INSPECTION LOGS AND INSPECTION LOGS AFTER EVERY 1/2" RAIN EVENT SHALL BE SUBMITTED TO THE CITY INSPECTOR.
5. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PROPERLY DISPOSED OF WITHIN THIRTY (30) DAYS AFTER FINAL SITE STABILIZATION.

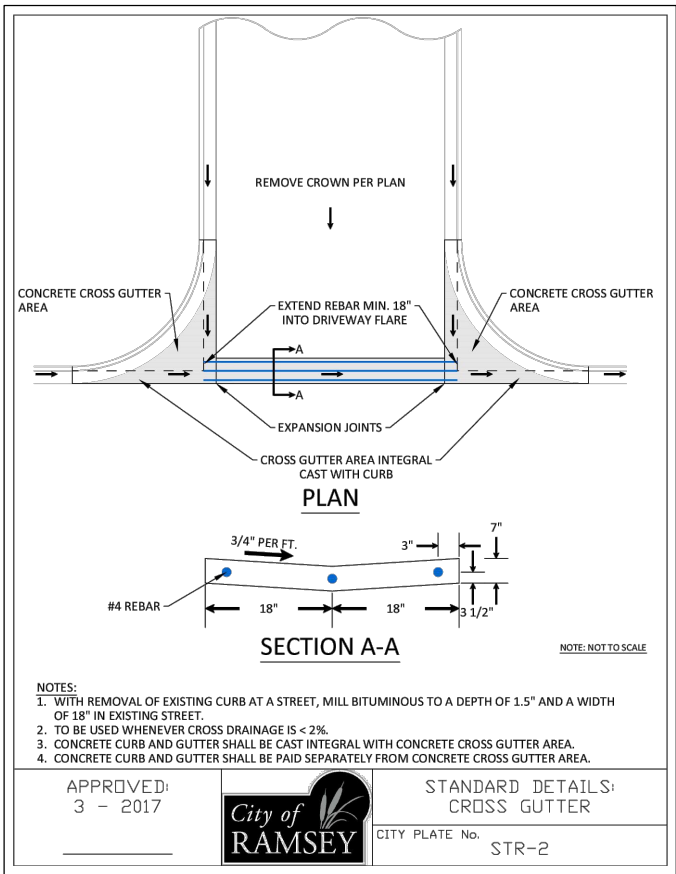
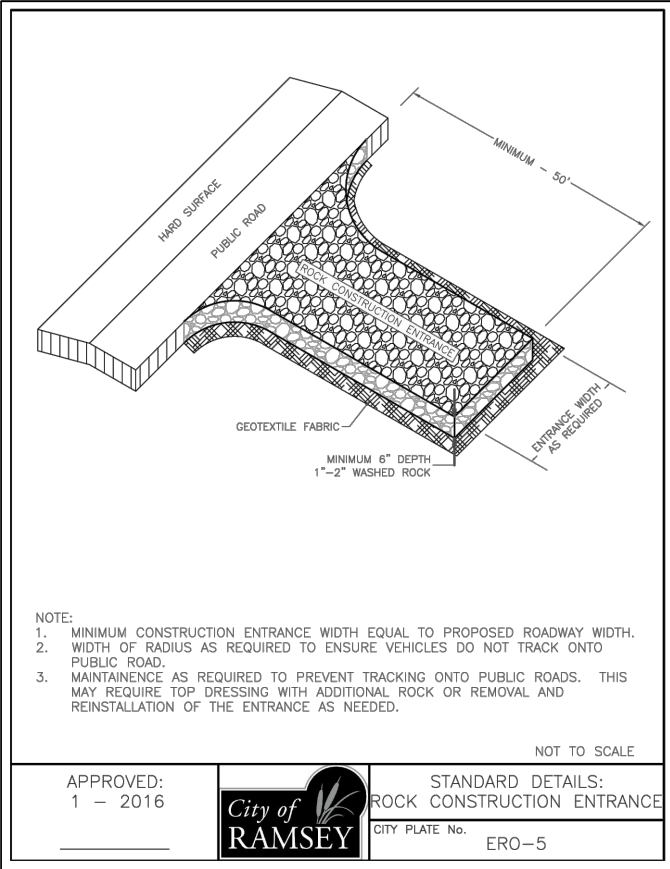
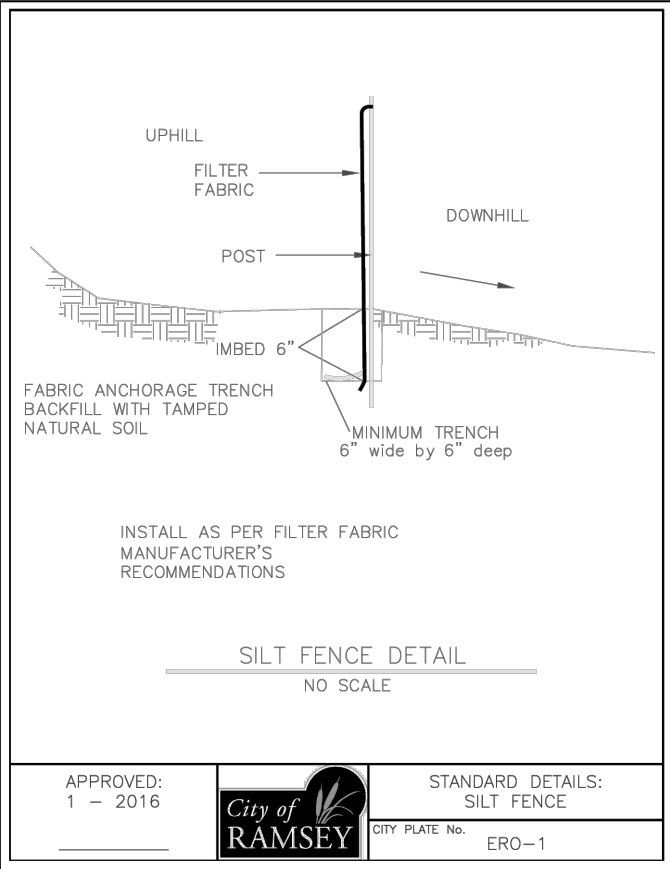


TABLE A MODIFIED CLASS 5 SPECIFICATIONS		
% PASSING		
1"	100	
3/4"	90 - 100	
3/8"	50 - 80	
No.4	35 - 70	
No.10	20 - 60	
No.40	10 - 35	
No.200	5 - 10	

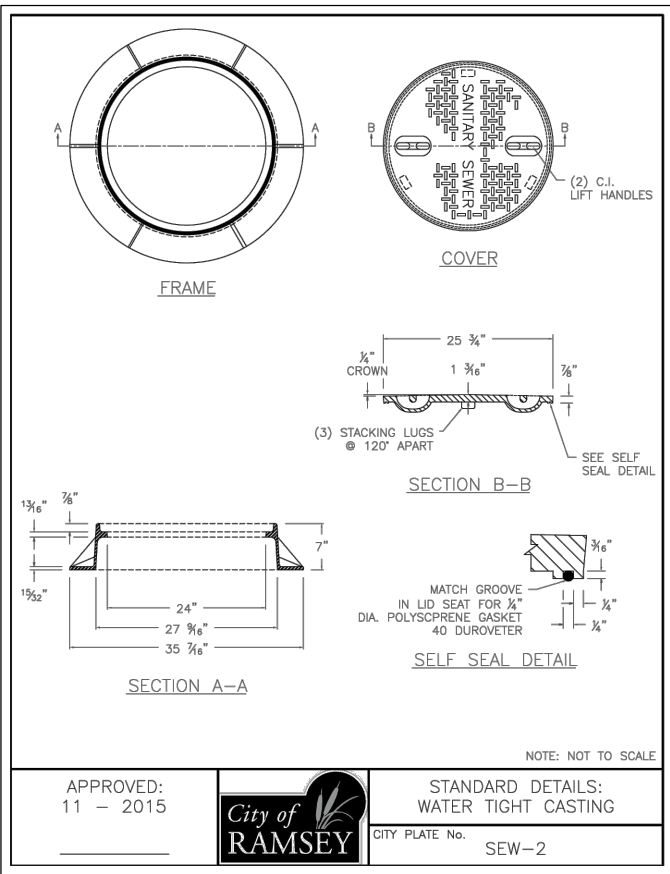
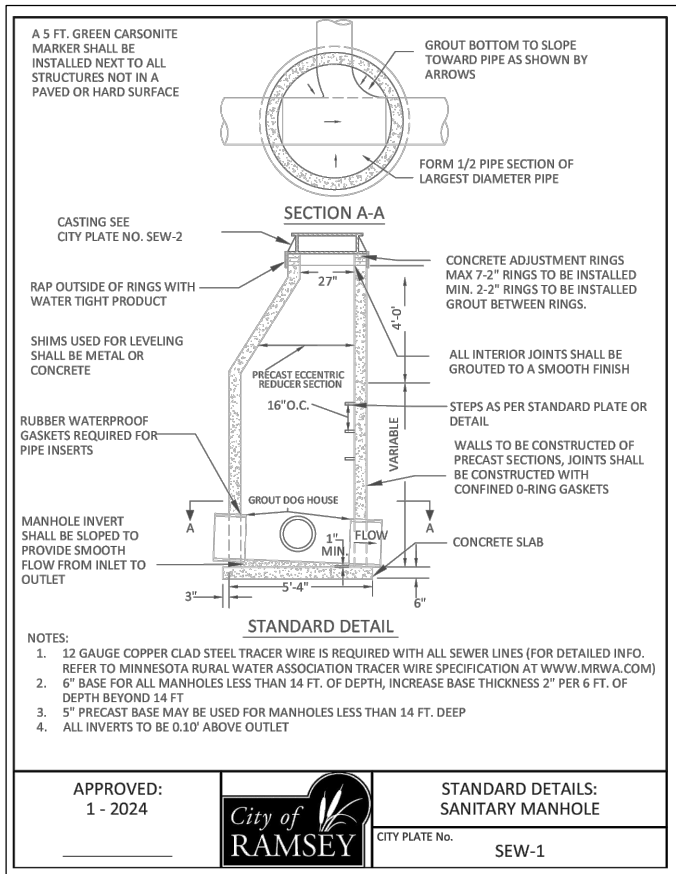
NOTES:
1. THE AGGREGATE BASE CONSTRUCTION WILL BE ACCEPTED FOR PAYMENT IN ACCORDANCE WITH THE PROVISIONS IN TABLE A.
2. IF THE AGGREGATE BASE FAILS TO MEET THE REQUIREMENTS OF TABLE A THE MATERIAL CAN BE CORRECTED IN PLACE OR REMOVED AND REPLACED WITH MATERIAL THAT MEET THE REQUIREMENTS OF TABLE A.
3. IN THE EVENT THAT RECYCLED MATERIAL IS USE IT MUST MEET MNDOT REQUIREMENTS FOR RECYCLED BASE.

APPROVED: 2 - 2003

CITY OF RAMSEY

STANDARD DETAILS: MODIFIED CLASS 5 SPECIFICATIONS

CITY PLATE No. STR-26



DATE	REVISION

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.

CRAIG J. JOCHUM, P.E., P.E.
Lic. No. 23461
Date 8/6/26

DESIGNED BY:
CJJ

DRAWN BY:
IDM

CHECKED BY:
CJJ



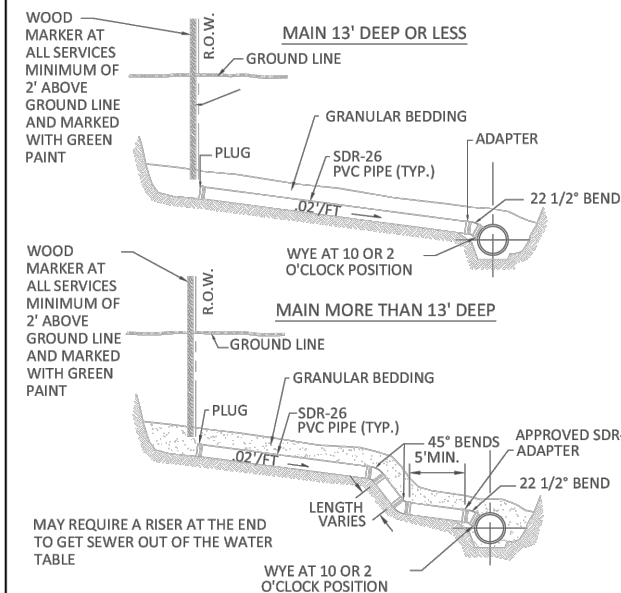
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SCOOTER'S COFFEE

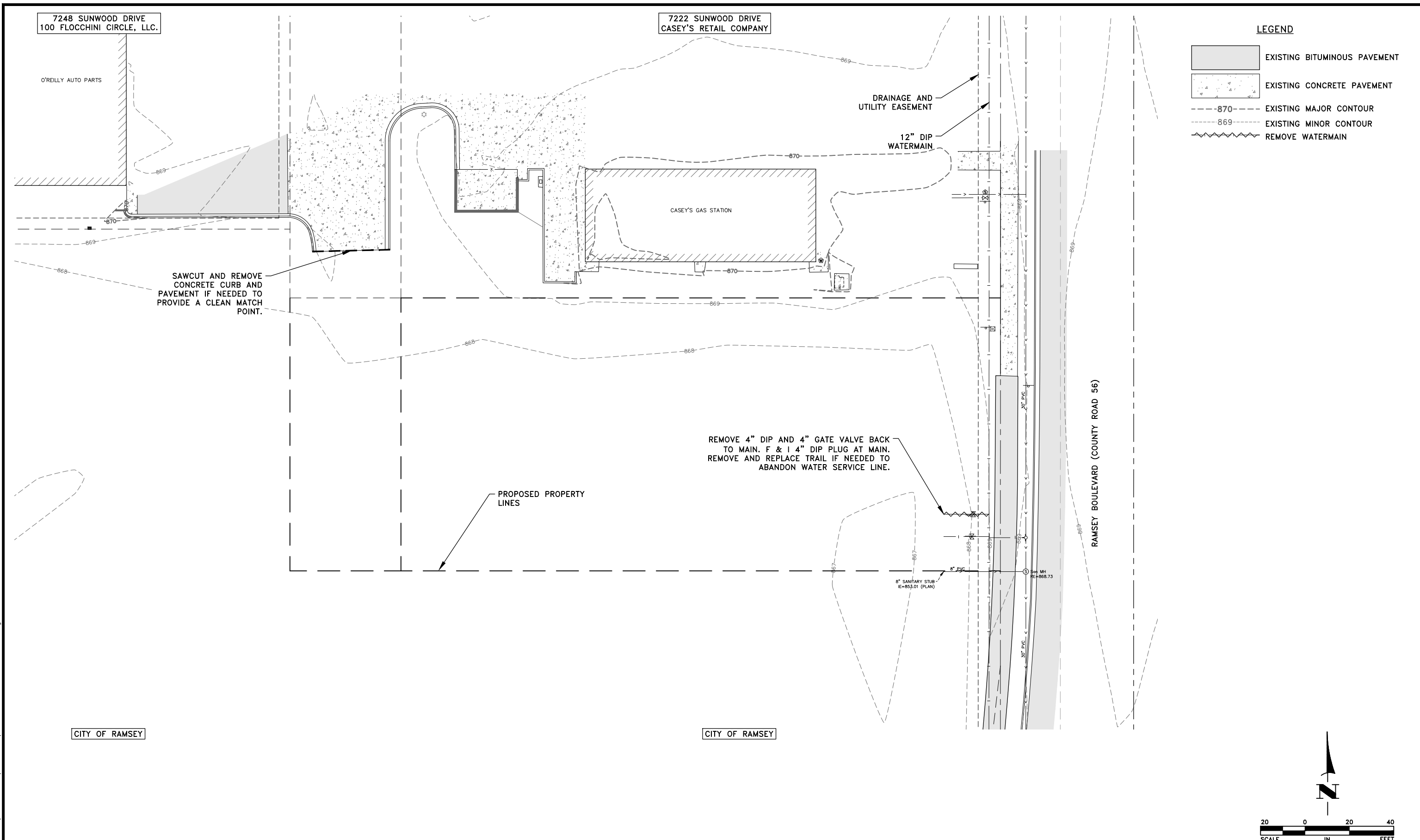
NOTES AND DETAILS

CITY OF RAMSEY, MINNESOTA

SHEET 2 OF 12 SHEETS

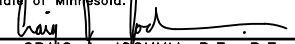


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CRAIG J. JOCHUM, P.E., P.E.
Date 8/6/26 Lic. No. 23461

DESIGNED BY: CJJ
DRAWN BY: IDM
CHECKED BY: CJJ



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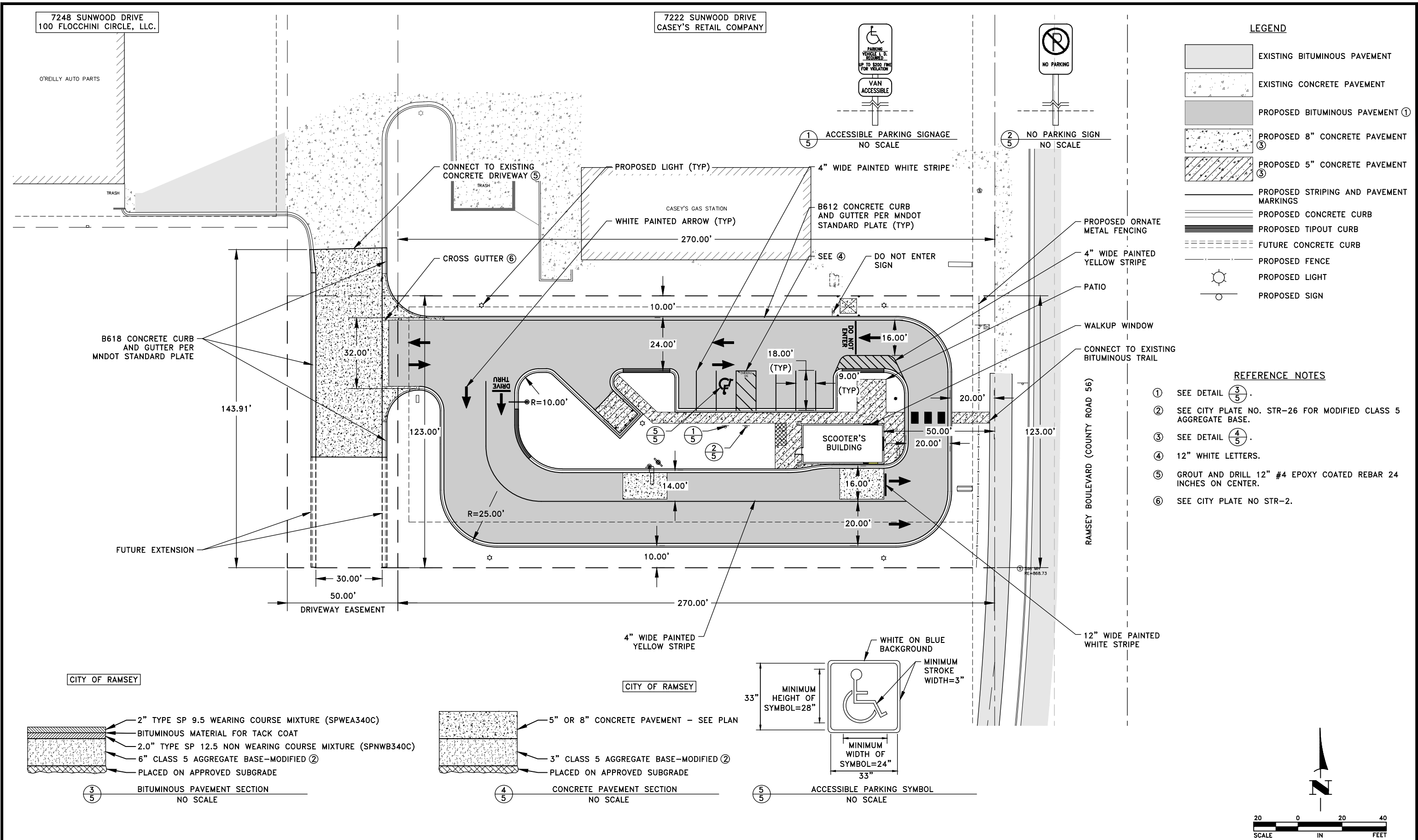
SCOOTER'S COFFEE

EXISTING CONDITIONS AND REMOVALS PLAN

CITY OF RAMSEY, MINNESOTA

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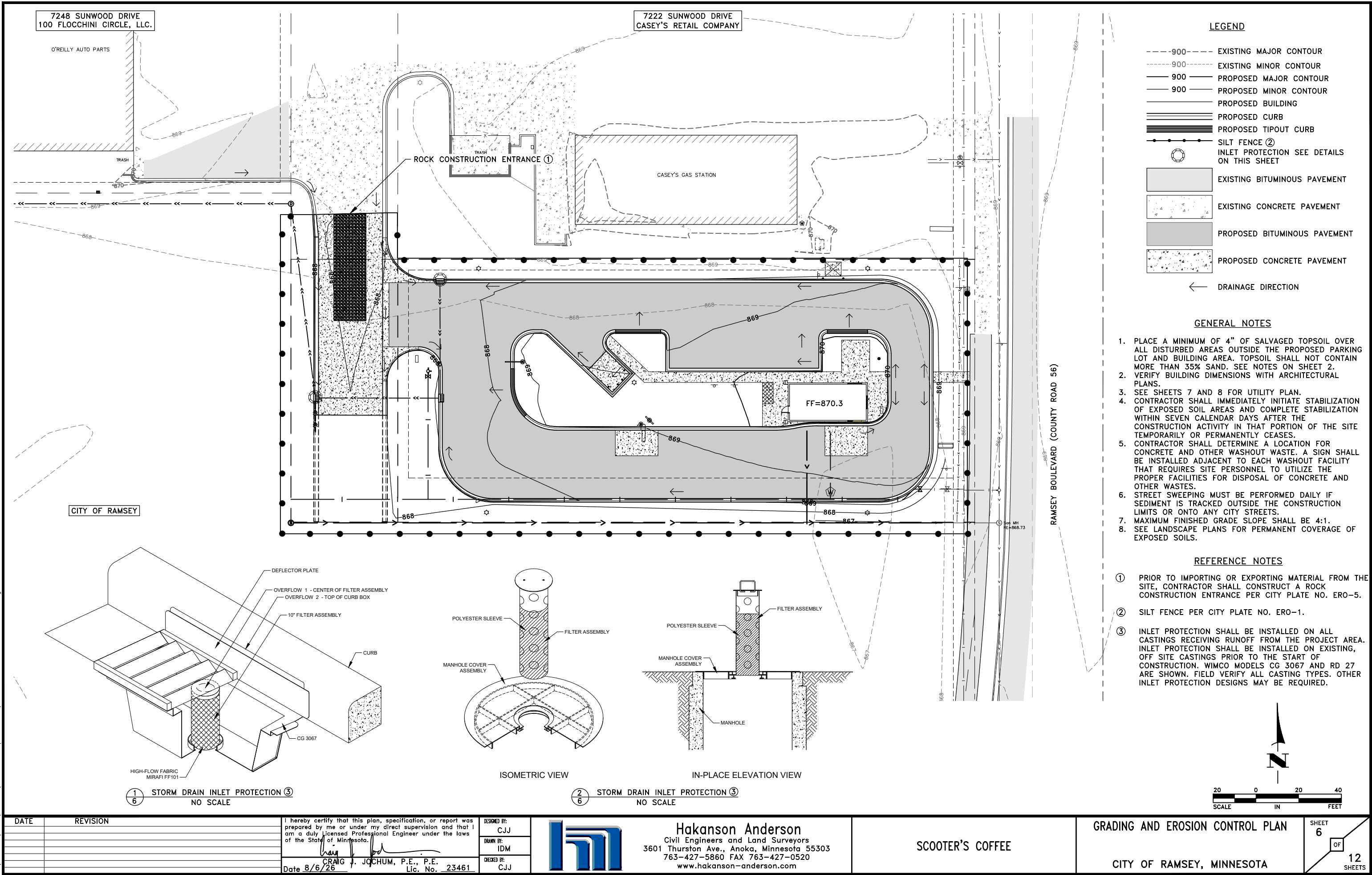
PAVEMENT AND STRIPING PLAN

CITY OF RAMSEY, MINNESOTA

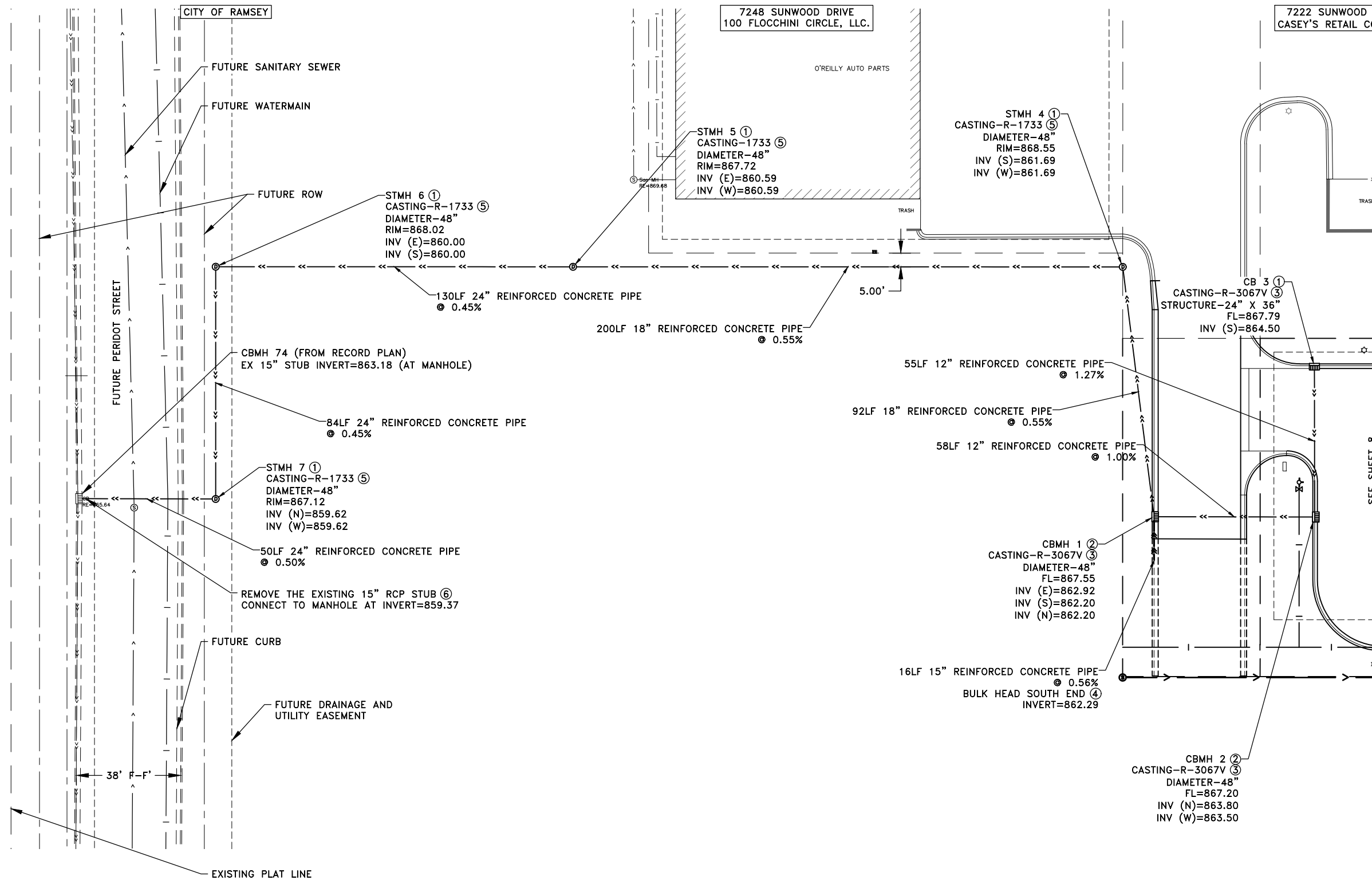
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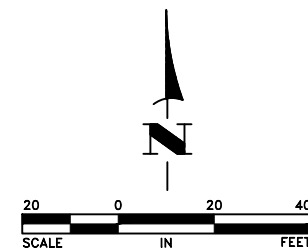


- LEGEND**
- EXISTING STORM SEWER
 - PROPOSED STORM SEWER
 - EXISTING SANITARY SEWER
 - PROPOSED SANITARY SEWER
 - EXISTING WATERMAIN
 - PROPOSED WATER SERVICE
 - PROPOSED BUILDING
 - STORM SEWER MANHOLE
 - CATCH BASIN
 - SANITARY SEWER MANHOLE
 - GATE VALVE
 - HYDRANT

SEE SHEET 8

REFERENCE NOTES

- SEE CITY PLATE NO. STO-1.
- SEE CITY PLATE NO. STO-1 AND STO-5.
- SEE CITY PLATE NO. STO-4.
- PIPE TO CONTINUE SOUTH IN THE FUTURE.
- SEE CITY PLATE NO. STO-14. COVER SHALL HAVE A 27" DIAMETER OPENING.
- CONTRACTOR SHALL REMOVE EXISTING 8 L.F. OF 15" RCP. MANHOLE BRICK SHALL BE USED TO PATCH EXISTING OPENING. CONNECTION SHALL INCLUDE INTERIOR GLOVE FINISHED GROUT AND CONCRETE ENCASEMENT ON THE EXTERIOR.



DATE	REVISION

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Craig J. Jochum
CRAIG J. JOCHUM, P.E., P.E.
Date 8/6/26 Lic. No. 23461

DESIGNED BY:
CJJ

DRAWN BY:
IDM

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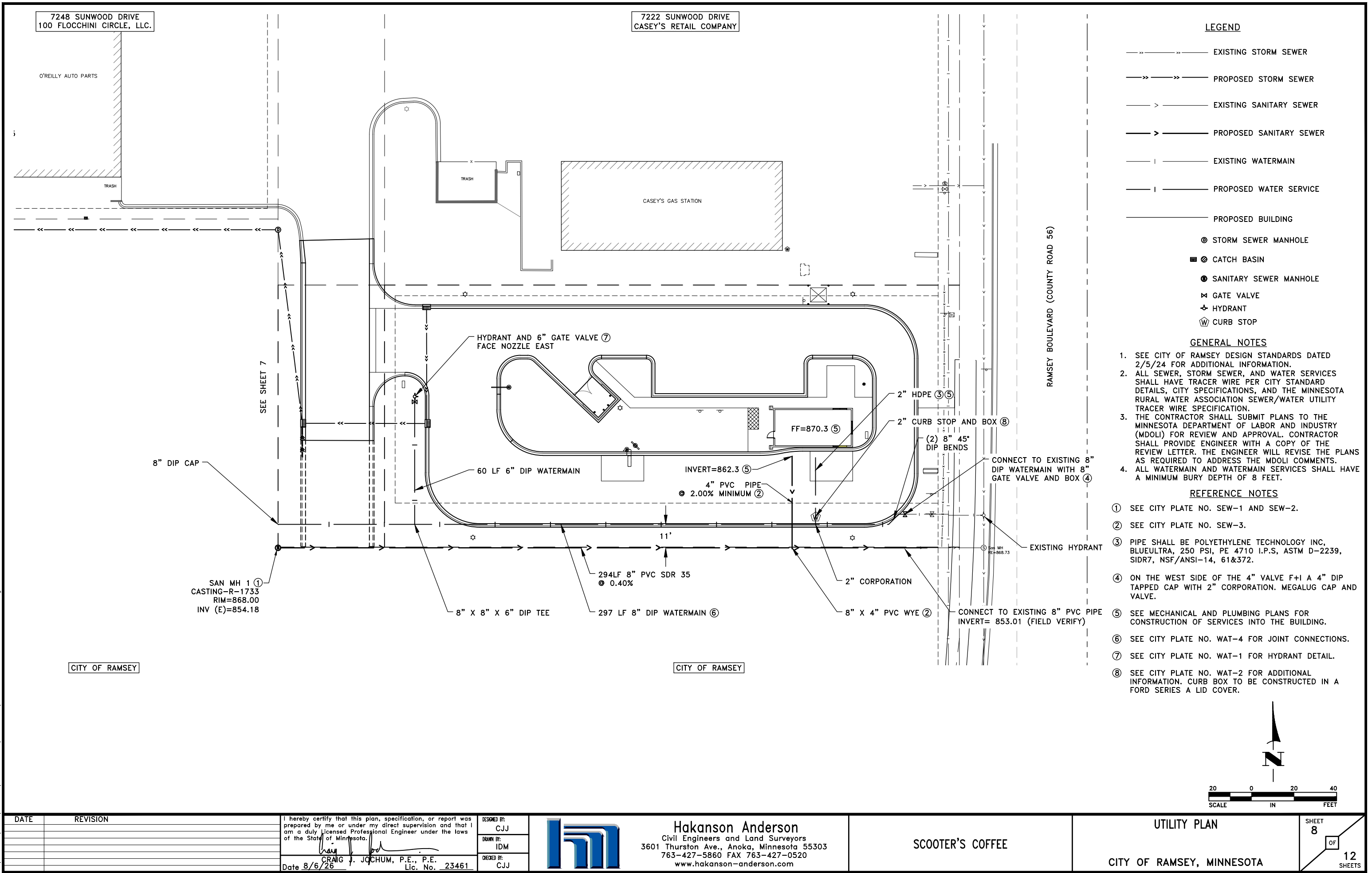
UTILITY PLAN

CITY OF RAMSEY, MINNESOTA

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SWPPP NARRATIVE:

1. IF THE CONTRACTOR DISTURBS MORE THAN 1 ACRE OF LAND, THE CONTRACTOR AND OWNER MUST APPLY FOR PERMIT COVERAGE UNDER THE GENERAL STORMWATER PERMIT FOR CONSTRUCTION ACTIVITY AS REQUIRED BY THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PHASE II PROGRAM ISSUED AUGUST 1, 2023. COVERAGE WILL BEGIN 7 DAYS AFTER ONLINE SUBMISSION OF THE PERMIT APPLICATION.
2. THIS SWPPP INCLUDES BOTH PERMANENT AND TEMPORARY BEST MANAGEMENT PRACTICES (BMPs). THE LOCATION AND TYPE OF BMPs ARE DEPICTED ON THE GRADING, DRAINAGE AND EROSION CONTROL PLAN. CONSTRUCT ALL BMPs IN ACCORDANCE WITH THE APPLICABLE DETAILS IN THESE PLANS.
3. DISCHARGE OF ANY MATERIAL OTHER THAN STORMWATER OR DISCHARGES ASSOCIATED WITH DEWATERING FROM THE SITE ARE PROHIBITED.
4. THIS SWPPP IS NOT DESIGNED FOR DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY. PERMITTEES MUST OBTAIN COVERAGE FOR DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITIES UNDER A SEPARATE NPDES PERMIT AFTER DAY TO DAY OPERATION ACTIVITIES COMMENCE EVEN IF CONSTRUCTION IS ONGOING.
5. IF A GENERAL STORMWATER PERMIT FOR CONSTRUCTION IS REQUIRED THE PERMITTEES MUST SUBMIT A NOTIFICATION OF TERMINATION WITHIN 30 DAYS OF TERMINATION OF PROJECT. THE CITY OF BECKER MUST APPROVE THE NOTICE OF TERMINATION BEFORE IT IS SUBMITTED TO THE MPCA.

PROJECT CONTACTS:

DESCRIPTION	COMPANY	CONTACT PERSON	PHONE
OWNER	SCOOTER'S COFFEE	BRIGIT MARSHALL	763-300-5849
CONTRACTOR	TBD	TBD	TBD
SWPPP DESIGNER	HAKANSON ANDERSON	SAM JOCHUM	763-427-5860

ANTICIPATED CONSTRUCTION SEQUENCE:

1. PERIMETER SEDIMENT CONTROL SHALL BE INSTALLED PRIOR TO ANY EARTH DISTURBING ACTIVITIES.
2. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE.
3. CONSTRUCT GRADING, UTILITIES, BUILDING AND PARKING AREA.
4. STABILIZE ALL DISTURBED AREAS.

PROJECT INFORMATION:

ONSITE DISTURBED AREA (ACRES)	0.95
EXISTING IMPERVIOUS SURFACE (ACRES)	0.00
PROPOSED IMPERVIOUS SURFACE (ACRES)	0.56
PLANNED CONSTRUCTION START DATE	9/15/2026
ESTIMATED CONSTRUCTION COMPLETION DATE	7/1/2027
COUNTY	ANOKA
LATITUDE	45.2315
LONGITUDE	-93.4505

TEMPORARY SEDIMENT BASINS:

1. TEMPORARY SEDIMENT BASINS ARE REQUIRED WHERE 10 OR MORE ACRES DRAIN TO A COMMON LOCATION. TEMPORARY SEDIMENT BASINS MUST HAVE A LIVE STORAGE FOR A 2 YEAR, 24 HOUR STORM EVENT OR 1800 CUBIC FEET PER ACRE DRAINED.

MORE THAN 10 ACRES OF DISTURBED AREA DRAINING TO COMMON LOCATION	NO
TEMPORARY SEDIMENT BASIN REQUIRED	NO
VOLUME REQ'D BASED ON 2-YEAR STORM OR 1800 CF / ACRE	NOT APPLICABLE

TIMING OF EROSION CONTROL:

1. THE CONTRACTOR MUST STABILIZE ALL EXPOSED SOIL IMMEDIATELY TO LIMIT SOIL EROSION WHEN CONSTRUCTION ACTIVITY HAS PERMANENTLY OR TEMPORARILY CEASED AND WILL NOT RESUME FOR A PERIOD EXCEEDING SEVEN CALENDAR DAYS.
2. ADJACENT TO SURFACE WATERS, STABILIZE THE NORMAL WETTED PERIMETER OF THE LAST 200 LINEAL FEET OF PERMANENT OR TEMPORARY DRAINAGE DITCHES OR SWALES WITHIN 24 HOURS.

SURFACE WATERS MAP



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DATE	REVISION	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. Date 8/6/26
		SAMUEL G. JOCHUM, P.E. Lic. No. 61933

DESIGNED BY: SGJ
DRAWN BY: IDM
CHECKED BY: CJJ



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SCOOTER'S COFFEE

SWPPP

CITY OF RAMSEY, MINNESOTA

SHEET
9
OF
12
SHEETS

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ESTIMATED QUANTITIES:

PERIMETER SEDIMENT CONTROL: SILT FENCE, SEDIMENT CONTROL LOGS	907	LIN FEET
STORM DRAIN INLET PROTECTION	10	EACH
STABILIZED CONSTRUCTION EXIT	1	EACH

PERMANENT COVERAGE OF EXPOSED SOIL AREAS:

EXPOSED SOIL THAT WILL REMAIN A PERVIOUS SURFACE SHALL BE RESTORED WITH 4" OF TOPSOIL, MN/DOT SEED SOUTHERN BOULEVARD (160 LBS/ACRE), TYPE 1 FERTILIZER (300 LBS/ACRE), AND HYDRAULIC BONDED FIBER MATRIX (3500 LBS/ACRE) OR TYPE 1 DISK ANCHORED MULCH (2 TONS/ACRE). TOPSOIL SHALL NOT CONTAIN MORE THAN 35% SAND. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THE MATERIAL LISTED ABOVE IS CONSTRUCTED PER THE MNDOT SEEDING MANUAL 2024 EDITION.

TEMPORARY EROSION PREVENTION AND BMP DESIGN CONSIDERATIONS:

THE FOLLOWING FACTORS WERE ACCOUNTED FOR IN DESIGNING EROSION CONTROL PREVENTION AND BMPS FOR THIS SITE:

1. THE EXPECTED AMOUNT, FREQUENCY, INTENSITY, AND DURATION OF PRECIPITATION.
2. THE NATURE OF STORMWATER RUNOFF AND RUN-ON AT THE SITE, INCLUDING FACTORS SUCH AS EXPECTED FLOW FROM IMPERVIOUS SURFACES SLOPES, AND SITE DRAINAGE FEATURES.
3. THE STORMWATER VOLUME, VELOCITY, AND PEAK FLOWRATES TO MINIMIZE DISCHARGE OF POLLUTANTS IN STORMWATER AND TO MINIMIZE CHANNEL AND STREAMBANK EROSION AND SCOUR IN THE IMMEDIATE VICINITY OF DISCHARGE POINTS.
4. THE RANGE OF SOIL PARTICLE SIZES EXPECTED TO BE PRESENT.

INSPECTIONS AND MAINTENANCE:

1. PERMITTEE MUST PROVIDE A TRAINED PERSON TO INSPECT THE SITE ONCE EVERY 7 DAYS AND WITHIN 24 HOURS AFTER A RAINFALL EVENT GREATER THAT 1/2 INCH IN 24 HOURS.
2. DURING EACH INSPECTION, INSPECT CONSTRUCTION SITE EXIT LOCATIONS AND REMOVE ACCUMULATED SEDIMENT WITHIN ONE CALENDAR DAY OF DISCOVERY.
3. DURING EACH INSPECTION, INSPECT SILT FENCE AND SEDIMENT CONTROL LOGS AND PERFORM MAINTENANCE IF THEY ARE NON-FUNCTIONAL OR WHEN SEDIMENT REACHES 1/2 THE HEIGHT OF THE DEVICE.
4. DRAIN AND REMOVE SEDIMENT FROM SEDIMENT BASINS WHEN SEDIMENT COLLECTED REACHES 1/2 THE STORAGE VOLUME.
5. INSPECT SURFACE WATERS, INCLUDING DRAINAGE DITCHES, FOR SEDIMENT DEPOSITION. IF NECESSARY, OBTAIN APPROVALS FOR REMOVING DELTAS FROM SURFACE WATERS AND REMOVE SEDIMENT AND STABILIZE WITHIN SEVEN CALENDAR DAYS OF DISCOVERY.
6. SEND INSPECTION LOG TO CITY INSPECTOR AFTER EVERY 1/2 INCH RAIN EVENT AND WEEKLY. COMPLETE HISTORY OF ALL INSPECTION LOGS MUST BE SENT TO THE CITY AFTER PROJECT COMPLETION.

CONSTRUCTION DEBRIS CONTAINMENT:

1. ALL WASTE MATERIAL MUST BE CONTAINED IN A COVERED DUMP BOX AND SHALL NOT BE ALLOWED TO SCATTER ON OR OFF SITE.

SPECIAL + IMPAIRED WATERS:

1. A SUMMARY OF ALL SPECIAL AND IMPAIRED WATERS THAT ARE WITHIN MILE OF THE PROJECT BOUNDARY ARE AS FOLLOWS:

NAME OF WATERBODY	TYPE	SPECIAL WATER WITHIN 1 MILE	IMPAIRED WATER WITHIN 1 MILE	TYPE OF IMPAIRMENT
MISSISSIPPI RIVER	RIVER	NO	YES	FECAL COLIFORM, MERCURY IN FISH TISSUE, NUTRIENTS, PCBS IN FISH TISSUE

IF A NPDES CONSTRUCTION PERMIT IS REQUIRED THE FOLLOWING RULES SHALL BE FOLLOWED:

THIS SITE IS WITHIN ONE MILE OF THE MISSISSIPPI RIVER, WHICH IS AN IMPAIRED WATER PER THE MPCA. ALL REQUIREMENTS OF ITEMS 23.9 AND 23.10 OF THE NPDES CONSTRUCTION STORMWATER GENERAL PERMIT APPLY TO THIS SITE.

ITEM 23.9 STATES THAT "PERMITTEES MUST IMMEDIATELY INITIATE STABILIZATION OF EXPOSED SOIL AREAS, AS DESCRIBED IN ITEM 8.4, AND COMPLETE THE STABILIZATION WITHIN SEVEN (7) CALENDAR DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE TEMPORARILY OR PERMANENTLY CEASES".

ITEM 23.10 STATES THAT "PERMITTEES MUST PROVIDE A TEMPORARY SEDIMENT BASIN AS DESCRIBED IN SECTION 14 FOR COMMON DRAINAGE LOCATIONS THAT SERVE AN AREA WITH FIVE (5) OR MORE ACRES DISTURBED AT ONE TIME".

DOCUMENT RETENTION:

1. THIS SWPPP SHALL REMAIN ON THE PROJECT SITE AT ALL TIMES.
2. MAINTAIN RECORDS OF INSPECTIONS, INCLUDING TIME AND DATE.
3. NAME OF PERSONS CONDUCTION INSPECTIONS.
4. ACCURATE FINDINGS OF INSPECTIONS.
5. CORRECTIVE ACTIONS TAKEN.
6. DATE OF ALL RAINFALLS GREATER THAN 1/2 INCH IN 24 HOURS, INCLUDING AMOUNT OF RAINFALL IN EACH EVENT.
7. DESCRIPTION OF ANY DISCHARGE DISCOVERED DURING INSPECTIONS.
8. ANY AMENDMENTS NECESSARY TO THE SWPPP.

SWPPP PREPARER INFORMATION:

SAM JOCHUM
SWPPP TRAINING: DESIGN OF CONSTRUCTION SWPPP

CONTRACTORS SWPPP MANAGER(S) INFORMATION:

NAME:
EMERGENCY PHONE NUMBER:
SWPPP TRAINING:
EXPIRATION:

PERMANENT STORMWATER MANAGEMENT:

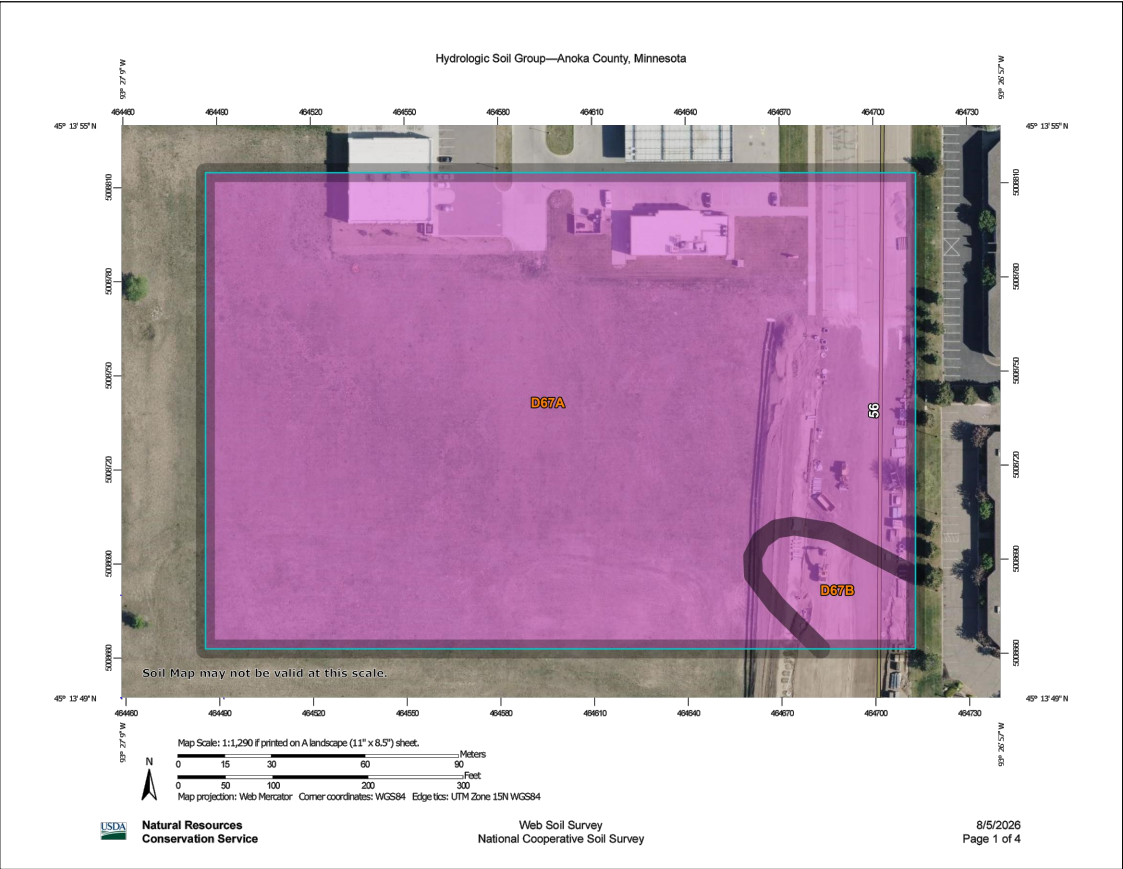
1. THE PROPOSED IMPERVIOUS AREA WILL BE MORE THAN THE EXISTING IMPERVIOUS AREA. THEREFORE, PERMANENT STORMWATER TREATMENT WILL BE NEEDED ON SITE.

INFILTRATION BASIN	
FILTRATION BASIN	
WET SEDIMENTATION BASIN	
REGIONAL BASIN	X
NOT REQUIRED	

ENVIRONMENTAL CONSIDERATIONS:

WAS ENVIRONMENTAL REVIEW REQUIRED FOR THIS PROJECT?	NO
ARE STORMWATER MITIGATION MEASURES REQUIRED FOR THIS PROJECT DUE TO ENDANGERED SPECIES REVIEW, ARCHEOLOGICAL OR OTHER REVIEW REQUIREMENT?	NO
IS COMPLIANCE WITH TEMPORARY SEDIMENT BASIN INFEASIBLE FOR THIS PROJECT?	N/A
CHEMICAL AND/OR CHEMICAL TREATMENT PROCESS PROPOSED FOR ENHANCING SEDIMENTATION PROCESS?	NO

SITE SOIL TYPES



Hydrologic Soil Group

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
D67A	Hubbard loamy sand, 0 to 2 percent slopes	A	8.2	95.6%
D67B	Hubbard loamy sand, 1 to 6 percent slopes	A	0.4	4.4%
Totals for Area of Interest			8.6	100.0%

DATE	REVISION

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.

Samuel G. Jochum

SAMUEL G. JOCHUM, P.E.
Date 8/6/26 Lic. No. 61933

DESIGNED BY: SGJ
DRAWN BY: IDM
CHECKED BY: CJJ



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

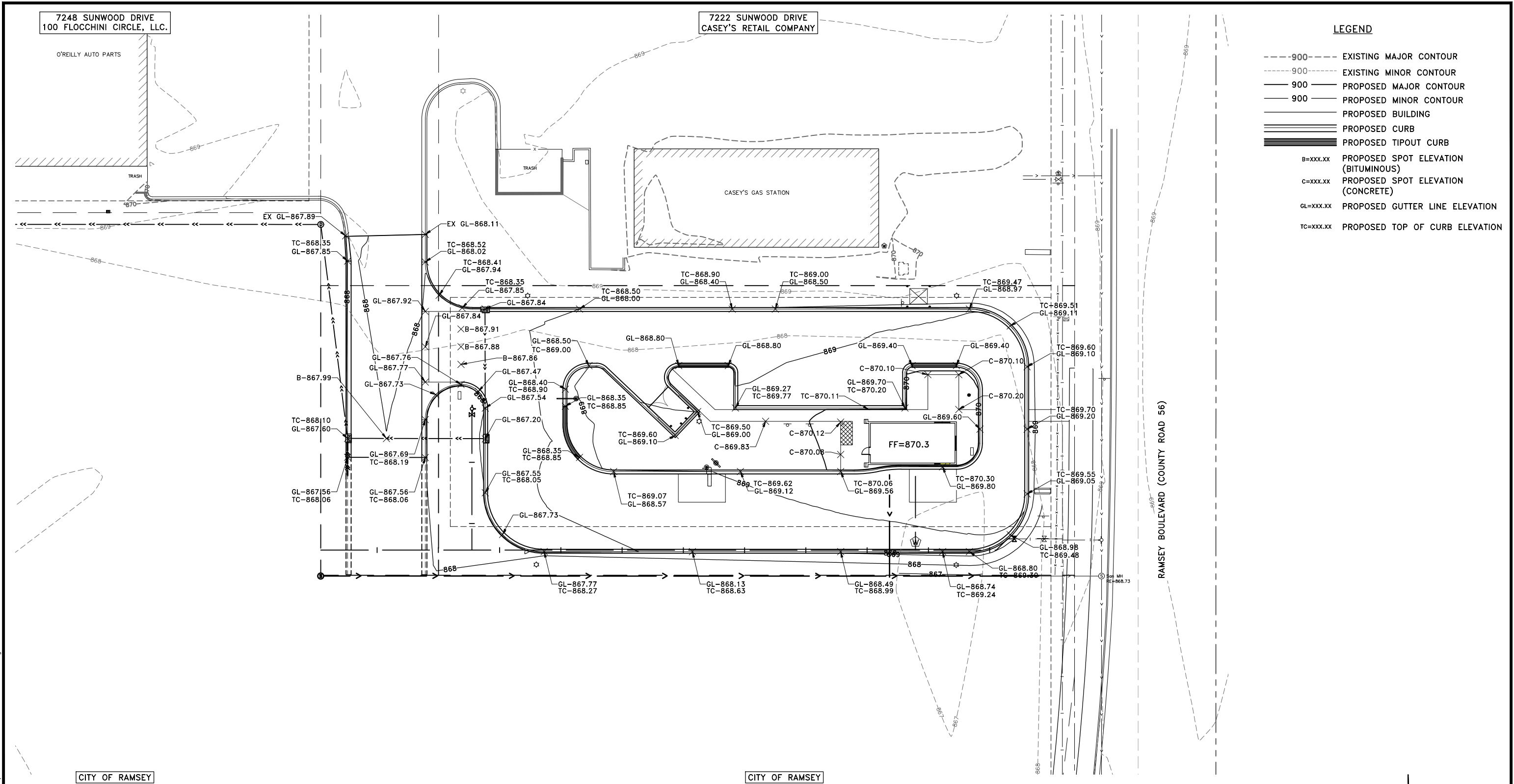
SCOOTER'S COFFEE

SWPPP

CITY OF RAMSEY, MINNESOTA

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OF
12
SHEETS

Aug 07, 2026 - 2:59pm
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- LEGEND**
- 900--- EXISTING MAJOR CONTOUR
 - 900--- EXISTING MINOR CONTOUR
 - 900— PROPOSED MAJOR CONTOUR
 - 900— PROPOSED MINOR CONTOUR
 - ===== PROPOSED BUILDING
 - ===== PROPOSED CURB
 - ===== PROPOSED TIPOUT CURB
 - B=XXX.XX PROPOSED SPOT ELEVATION (BITUMINOUS)
 - C=XXX.XX PROPOSED SPOT ELEVATION (CONCRETE)
 - GL=XXX.XX PROPOSED GUTTER LINE ELEVATION
 - TC=XXX.XX PROPOSED TOP OF CURB ELEVATION

DATE	REVISION

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Craig J. Jochum
CRAIG J. JOCHUM, P.E., P.E.
Date 8/6/26 Lic. No. 23461

DESIGNED BY:
CJJ

DRAWN BY:
IDM

CHECKED BY:
CJJ



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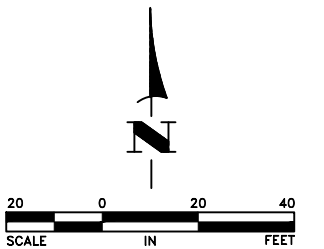
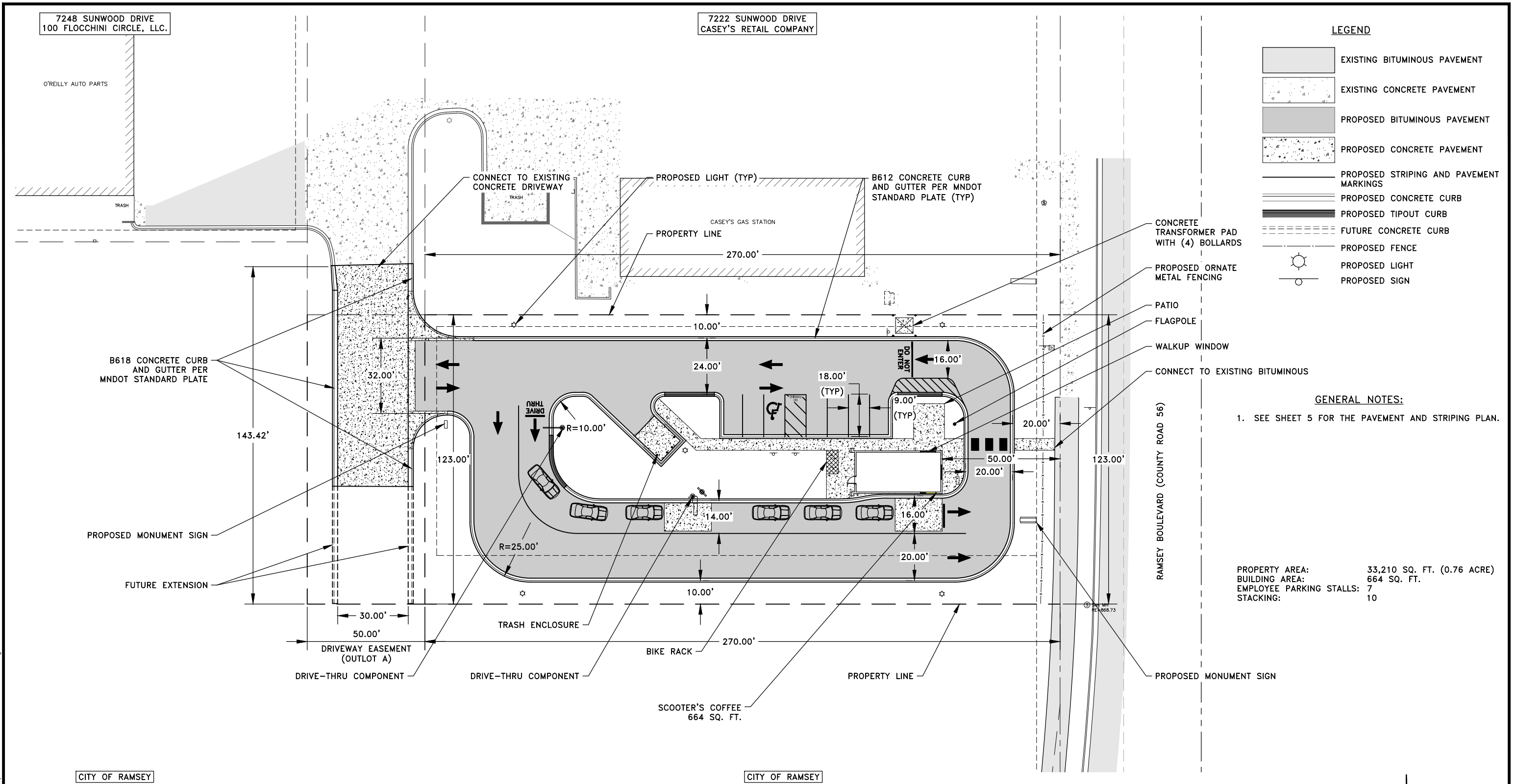
SCOOTER'S COFFEE

STAKING PLAN

CITY OF RAMSEY, MINNESOTA

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OF
12
SHEETS

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CRAIG J. JOCHUM, P.E., P.E.
Date 8/6/26 Lic. No. 23461

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SCOOTER'S COFFEE

SITE PLAN

CITY OF RAMSEY, MINNESOTA

SHEET
12
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