

LEGEND:

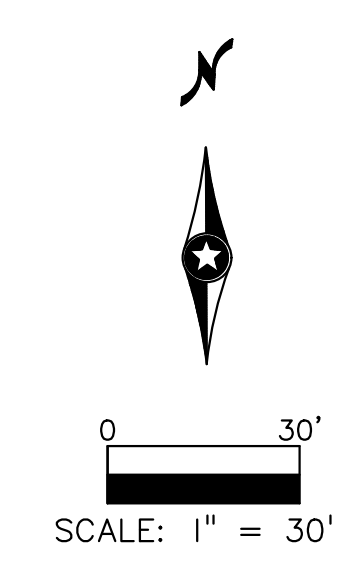
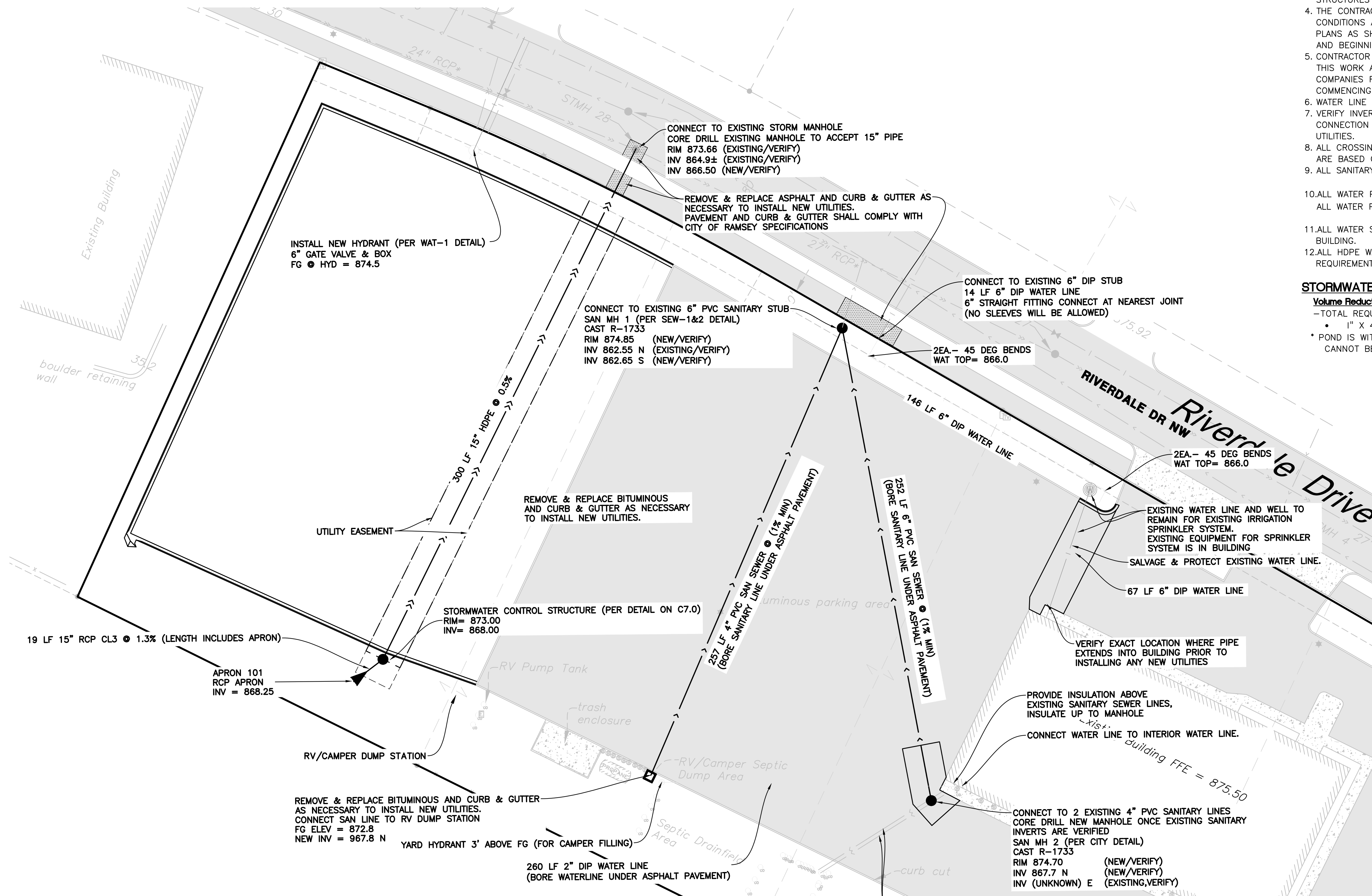
- ◀— PROPOSED STORM SEWER
- ◀— PROPOSED WATER LINE
- ◀— PROPOSED SANITARY SEWER
- PROPOSED HYDRANT
- PROPOSED MANHOLE

UTILITY GENERAL NOTES

- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL UTILITY RELOCATIONS.
- CONTRACTOR SHALL LOCATE AND VERIFY ALL UTILITIES WHICH MAY AFFECT THIS WORK AND NOTIFY OWNER OF ANY CHANGES. CONTACT LOCAL UTILITY COMPANIES FOR EXACT LOCATIONS PRIOR TO BIDDING THE PROJECT AND COMMENCING WORK.
- CONTRACTOR SHALL VERIFY CRITICAL ELEVATIONS TO ENSURE CONFORMANCE WITH GRADING PLAN AND EXISTING UTILITIES, PARTICULARLY WITH EXISTING STRUCTURES AND/OR PAVEMENTS TO REMAIN.
- THE CONTRACTOR SHALL NOTE ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AS EXIST IN THE FIELD AND AS REPRESENTED WITHIN THE PLANS AS SHOWN AND ALERT THE ENGINEER BEFORE BIDDING THE PROJECT AND BEGINNING CONSTRUCTION.
- CONTRACTOR SHALL LOCATE AND VERIFY ALL UTILITIES WHICH MAY AFFECT THIS WORK AND NOTIFY OWNER OF ANY CHANGES. CONTACT LOCAL UTILITY COMPANIES FOR EXACT LOCATIONS PRIOR TO BIDDING THE PROJECT AND COMMENCING WORK.
- WATER LINE TO BE MINIMUM 8.0 FEET DEPTH.
- VERIFY INVERT ELEVATIONS OF EXISTING SANITARY LINE AT POINT OF CONNECTION WITH NEW SANITARY LINE PRIOR TO INSTALLING ANY NEW UTILITIES.
- ALL CROSSING ELEVATIONS OF NEW UTILITIES & SIZES OF EXISTING UTILITIES ARE BASED ON ASSUMED ELEVATIONS AND SIZES PROVIDED BY THE SURVEY.
- ALL SANITARY SERVICE PIPE AND FITTINGS SHALL BE PVC SDR 26.
- ALL WATER PIPE AND FITTINGS 6" OR SMALLER SHALL BE DIP CLASS 53. ALL WATER PIPE AND FITTINGS 8" OR LARGER SHALL BE DIP CLASS 52.
- ALL WATER SERVICES SHALL BE SPLIT OR REDUCED WITHIN THE EXISTING BUILDING.
- ALL HDPE WATER PIPE AND FITTINGS SHALL CONFORM TO THE REQUIREMENTS OF AWWA C906.

STORMWATER REQUIREMENTS:

- Volume Reduction Requirement**
 -TOTAL REQUIRED INFILTRATION VOLUME
 • 1" X 49,081 SF = 4,090 CF
 * POND IS WITHIN WELLHEAD PROTECTION AREA AND INFILTRATION CANNOT BE PROVIDED ON SITE.




CALL 48 HOURS BEFORE DIGGING:
GOPHER STATE ONE CALL
 TWIN CITY AREA 651-454-0002
 MINNESOTA TOLL FREE 1-800-252-1166

REV. NO.	DATE	DESCRIPTION

DATE: 02/11/2025	DESIGN BY: CJD,TJO	CHECKED BY: NAA	FILE NO.: 18-0269.01
DRAWN BY: CJD,TJO			

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.

Signed:  Christopher J. Dahm Lic. No. 58628
 Date: 02/11/2025

BOGART, PEDERSON & ASSOCIATES, INC.
 LAND SURVEYING
 AND ENGINEERING
 MAPPING
 13076 FIRST STREET, BECKER, MN 55308-9322
 TEL: 763-262-8822 FAX: 763-262-8844

Pleasureland RV Site Improvements
 7900 Riverdale Dr NW
 City of Ramsey, Anoka County, MN

Utility Plan

SHEET NO. **C5.0**