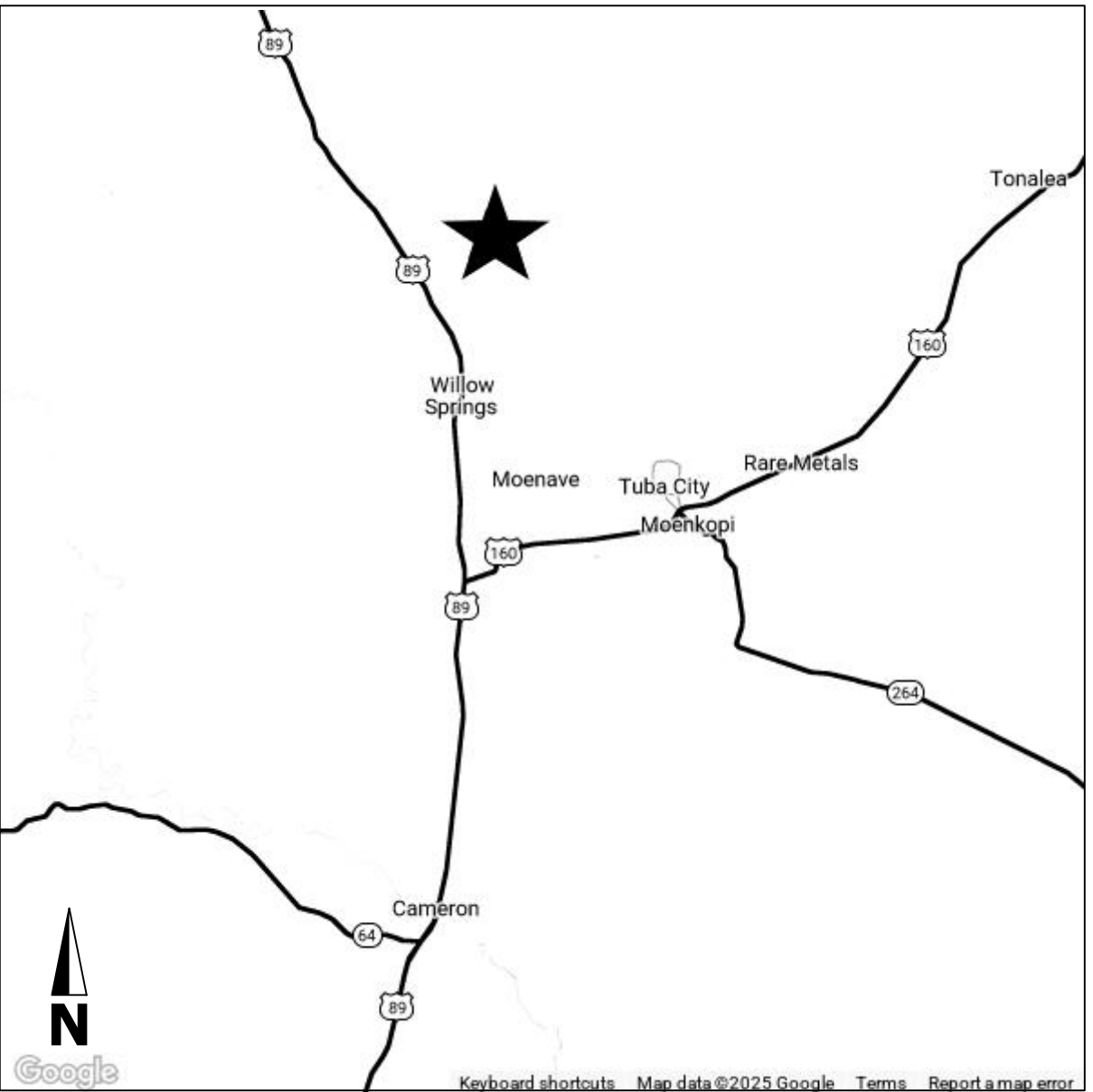


FOR DESIGN REVIEW



VICINITY MAP



LOCATION MAP

SITE ADDRESS

CAMERON, AZ

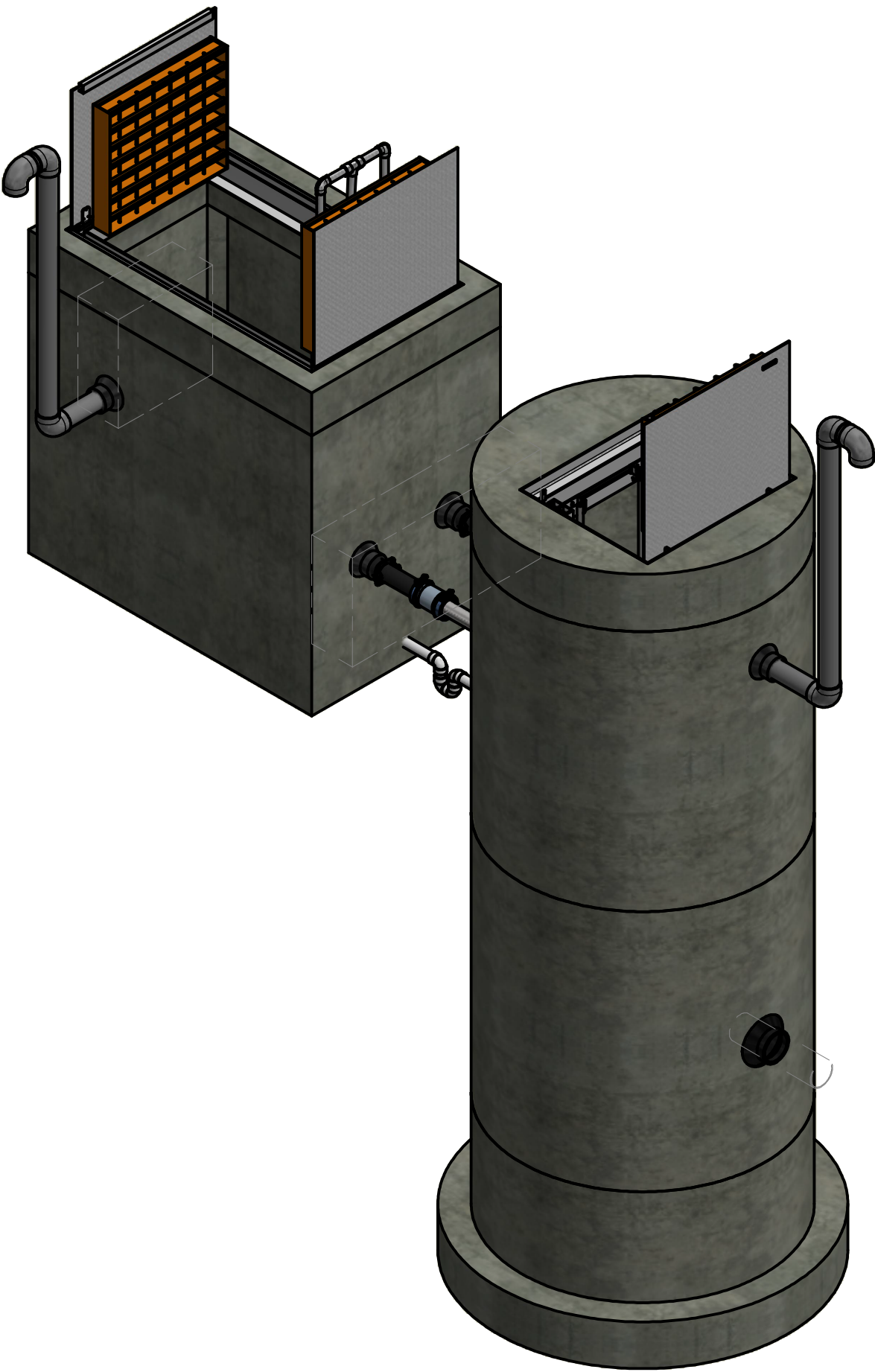


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# ECHO CLIFFS CAMERON, AZ

SHEET INDEX

| SHEET | DESCRIPTION                |
|-------|----------------------------|
| G-01  | TITLE SHEET                |
| G-02  | GENERAL NOTES              |
| C-01  | SITE LAYOUT                |
| M-01  | SYSTEM DRAWING             |
| J-01  | 5ft JOINT SEALING DETAIL   |
| J-02  | VAULT JOINT SEALING DETAIL |
|       |                            |
|       |                            |
|       |                            |
|       |                            |
|       |                            |
|       |                            |
|       |                            |
|       |                            |



PUMP STATION DESIGN CRITERIA

| PEAK INFLOW (GPM) | INFLUENT DEPTH (FT) | FORCE MAIN DIA. (IN) | FORCE MAIN LENGTH (FT) | FORCE MAIN TYPE | STATIC HEAD (FT) | TDH (FT) |
|-------------------|---------------------|----------------------|------------------------|-----------------|------------------|----------|
| 92                | 10.87               | 4                    | 1361                   | PVC C900 DR18   | 28.64            | 33.8     |

PUMP STATION CONFIGURATION

| CONFIGURATION | DUTY PUMPS | STANDBY PUMPS | PUMP MODEL        | PUMP HP | RATED FLOW (GPM) | RATED TDH (FT) | SYSTEM CAPACITY (GPM) |
|---------------|------------|---------------|-------------------|---------|------------------|----------------|-----------------------|
| DUPLEX        | 1          | 1             | KEEN K3RHX50M2-03 | 5       | 92               | 33.8           | 92                    |

ELECTRICAL INFORMATION

| SYSTEM VOLTAGE | FLA  | CONTROLLER | ENCLOSURE | TERMINATION | BACKUP SYSTEMS |
|----------------|------|------------|-----------|-------------|----------------|
| 208V, 3PH      | 35.4 | ALTERNATOR | NEMA 4    | DIRECT      | N/A            |

VERIFY SCALE  
DRAWING HAS BEEN  
CHECKED FOR  
SCALE ACCORDANCE  
0 1" = 10' WET WELL ON  
SCALE ACCORDANCE

DATE: 10/27/25

SSDS  
5ft WET WELL, 3in PIPING, KEEN PUMPS

10/27/25  
10/1/25  
REV  
DATE

RD  
KB  
BY

ROMTEC  
UTILITIES  
18240 NORTH BANK ROAD  
ROSEBURG, OREGON 97470  
PHONE: (541) 496-9678  
WWW.ROMTECUTILITIES.COM

ECHO CLIFFS  
CAMERON, AZ  
WASTEWATER PUMP STATION  
WASTEWATER PUMP STATION

SHEET  
G-01

FOR DESIGN REVIEW

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FOR DESIGN REVIEW

| ROMTEC UTILITIES EQUIPMENT |                       |
|----------------------------|-----------------------|
| 1                          | 5FT WET WELL ASSEMBLY |
| 2                          | VALVE VAULT ASSEMBLY  |
| 3                          | CONTROL PANEL         |

8.26' of 6" SAS @ S=0.86%

33.25' of 6" SAS @ S=4.23%

SASMH 23  
RIM=5443.08  
IN=5439.81  
OUT=5439.71

ALL MATERIALS SHOWN ON THIS SHEET WILL BE SUPPLIED BY ROMTEC UTILITIES AND DELIVERED TO THE SITE AFTER THE HOLE HAS BEEN EXCAVATED AND SHORED. THE CONTRACTOR SHALL SUPPLY A CRANE OF SUFFICIENT SIZE TO LOWER ALL THE CONCRETE PIECES INTO THE HOLE SAFELY. THE CONTRACTOR SHALL INSTALL THE WET WELL (AND VALVE VAULT AND METERING VAULT IF APPLICABLE). ROMTEC UTILITIES WILL PROVIDE A REPRESENTATIVE FOR TECHNICAL ASSISTANCE ON THE DAY OF INSTALLATION TO ANSWER ANY QUESTIONS THAT MAY ARISE. THE CONTRACTOR IS RESPONSIBLE FOR ALL PLUMBING AND ELECTRICAL CONNECTIONS AND INSTALLATION. ITEMS NOTED AS "BY OTHERS" WILL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. ROMTEC UTILITIES WILL NOT INSTALL ANY OF THE COMPONENTS SHOWN ON THIS PAGE.



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NOTE: ALL DIMENSIONS AND ELEVATIONS SHOWN ARE NOMINAL DIMENSIONS. IT IS THE RESPONSIBILITY OF THE ON-SITE CONTRACTOR OR ROMTEC UTILITIES CUSTOMER (NOT ROMTEC UTILITIES) TO VERIFY THE ACCURACY OF ANY CRITICAL DIMENSIONS OR ELEVATIONS PRIOR TO SETTING OR INSTALLING ANY EQUIPMENT.

FOR DESIGN REVIEW

| ECHO CLIFFS<br>CAMERON, AZ        |                                      |
|-----------------------------------|--------------------------------------|
| WASTEWATER PUMP STATION<br>LAYOUT |                                      |
| RD                                | SSDS                                 |
| KB                                | 5ft WET WELL, 3in PIPING, KEEN PUMPS |
| BY                                | DESCRIPTION                          |
| REV                               | DATE                                 |
| 1                                 | 10/1/25                              |
| 2                                 | 10/27/25                             |

|                             |                |
|-----------------------------|----------------|
| VERIFY SCALE<br>1" = 10'-0" | DATE: 10/27/25 |
| DSN: KB                     | REV            |
| DRN: KB                     | DATE           |
| CKD:                        | 10/27/25       |

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ROSEBURG, OREGON 97470  
PHONE: (541) 496-9678  
WWW.ROMTECUTILITIES.COM

|               |
|---------------|
| SHEET<br>C-01 |
|---------------|