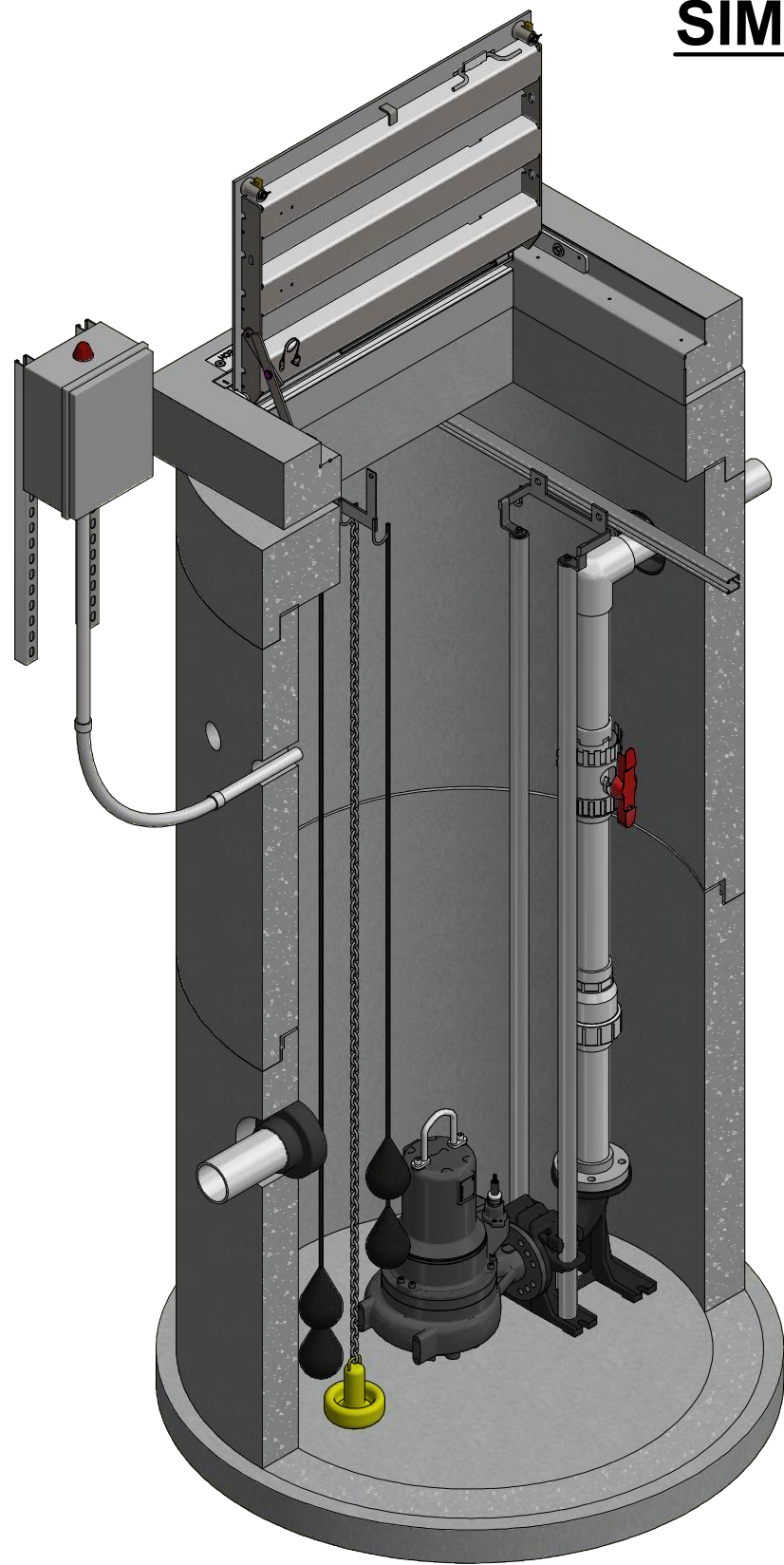
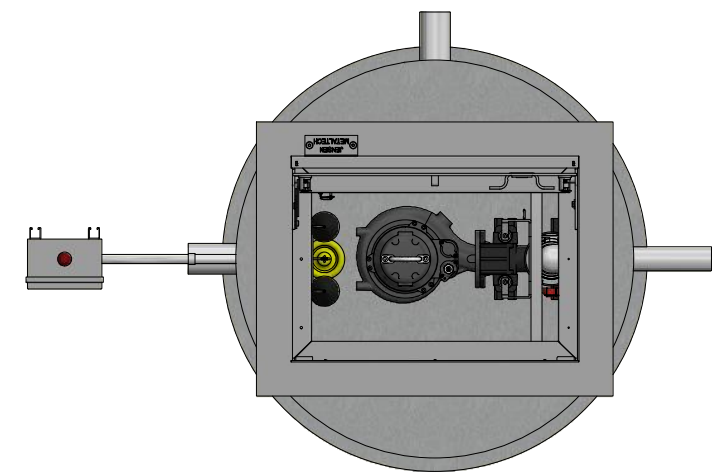


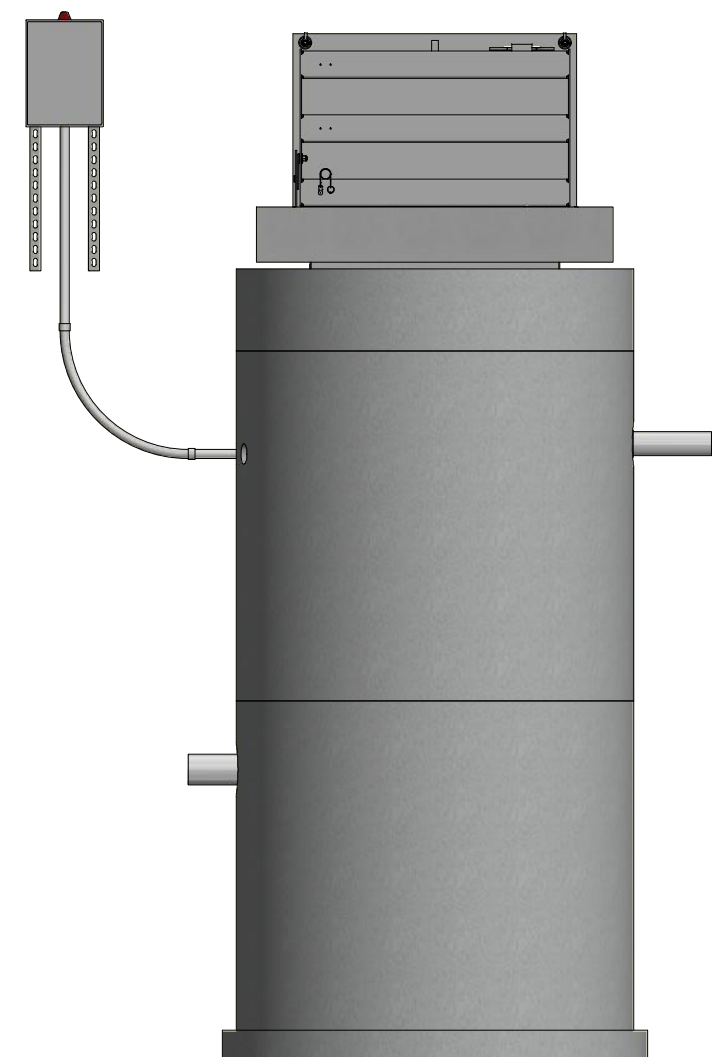
# 348-S SERIES STANDARD SIMPLEX PUMP STATION



TOP LEFT ISOMETRIC VIEW w/ SECTION  
NOT TO SCALE



PLAN VIEW  
NOT TO SCALE



PROFILE VIEW  
NOT TO SCALE

348-S Series Standard.dwg

**DISCLAIMERS, INCLUDING BUT NOT LIMITED TO:**

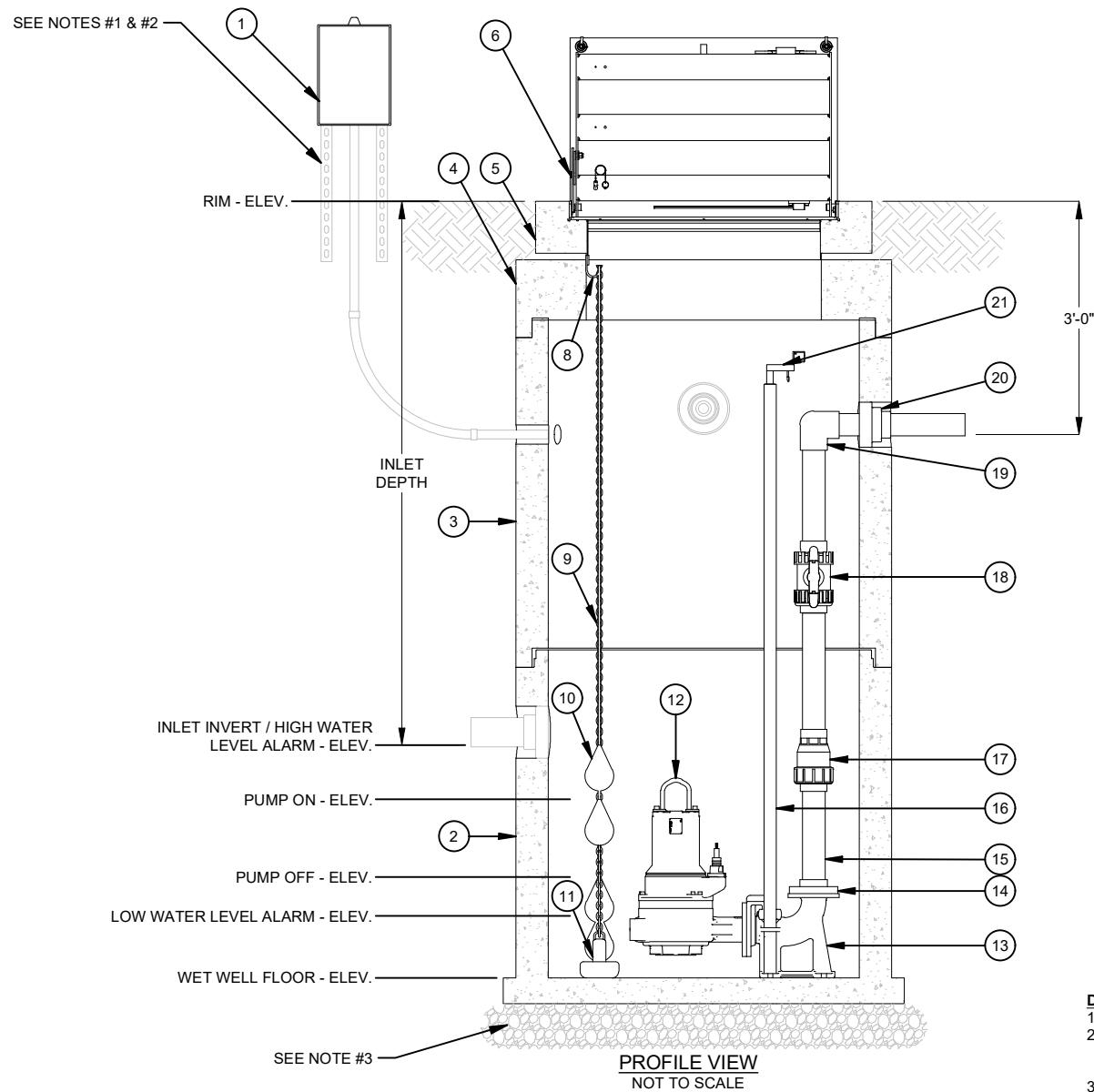
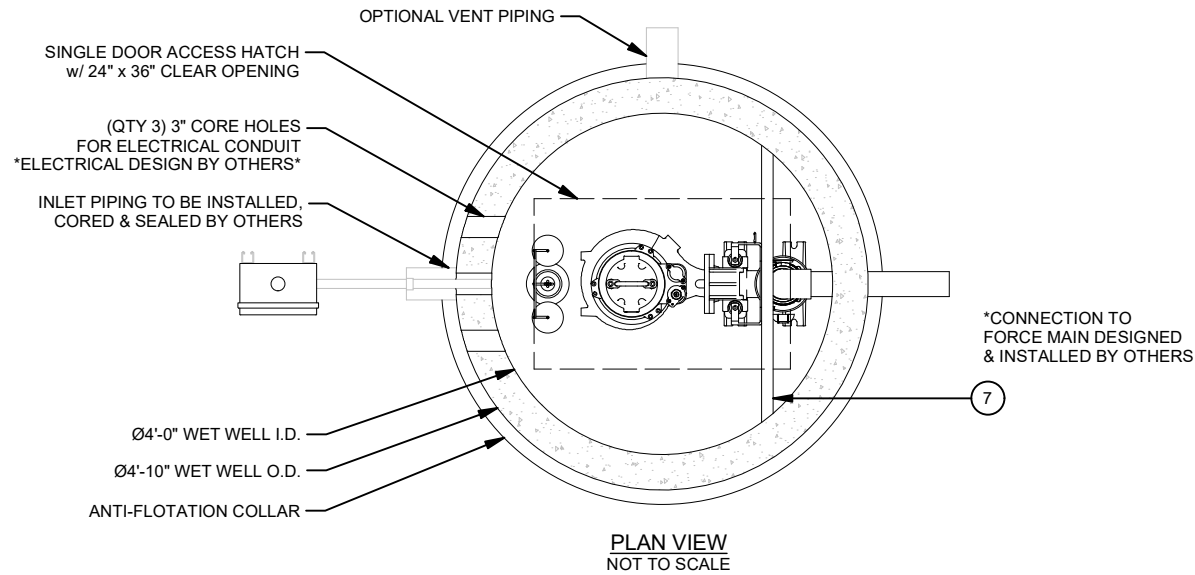
- 1.) All elevations have been provided by others, and have not been verified by Jensen Precast. Contractor to verify all dimensions and elevations in field prior to installation.
- 2.) These layout drawings are intended to show overall system design only. All concrete component thicknesses, dimensions, and joint orientations may vary across Jensen Precast's manufacturing facilities. Contractor to confirm all thicknesses, dimensions, and joint orientations prior to installation.
- 3.) System design criteria has been provided to Jensen Precast. Others are responsible for verification that system meets intended application.
- 4.) Foundation, subgrade, and backfill to be designed by others.

**JENSEN**  PUMP STATIONS

521 DUNN CIRCLE, SPARKS, NV 89431  
www.jensenwaterresources.com  
(855) 468-5600

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|              |                       |                       |           |        |
|--------------|-----------------------|-----------------------|-----------|--------|
| DESCRIPTION: |                       | 348-S SERIES STANDARD |           | REV:   |
| TITLE SHEET  |                       |                       |           |        |
| PART NUMBER: | 348-S Series Standard | DRAWN BY:             | T. Handke | SHEET: |
| CREATED:     |                       | MODIFIED:             | 4/29/2020 | 1 OF 2 |



- DESIGN NOTES / DISCLAIMERS:**
- CONTROL PANEL INSTALLATION, MOUNTING DESIGN & HARDWARE BY OTHERS.
  - FINAL CONTROL PANEL LOCATION TO BE DETERMINED ACCORDING TO PROJECT REQUIREMENTS. CONSULT ALL SUBMITTED PUMP AND LEVEL CONTROL CABLE LENGTHS WHEN DETERMINING THE CONTROL PANEL LOCATION.
  - ALL FOUNDATION, SUBGRADE, AND BACKFILL DESIGNED BY OTHERS.

| BILL OF MATERIALS |       |  |
|-------------------|-------|--|
| ITEM              | QTY   | DESCRIPTION  |
| 1                 | 1     | SIMPLEX CONTROL PANEL  |
| 2                 | 1     | 48IN DIA JENSEN PRECAST CONCRETE MANHOLE BASE *HEIGHT VARIES*    |
| 3                 | 1     | 48IN DIA JENSEN PRECAST CONCRETE MANHOLE BARREL *HEIGHT VARIES * |
| 4                 | 1     | 48IN DIA JENSEN PRECAST CONCRETE MANHOLE FLAT TOP                |
| 5                 | 1     | JENSEN PRECAST CONCRETE HATCH RISER                              |
| 6                 | 1     | SINGLE DOOR HATCH WITH A CLEAR OPENING OF 24IN X 36IN            |
| 7                 | 5 LF  | LF STRUT C-CHANNEL 1-5/8 X 1-5/8 12GA SLOTTED 316SS              |
| 8                 | 1     | FLOAT BRACKET 3 HOOK TYPE 316SS                                  |
| 9                 | 10 LF | LF CHAIN 1/4IN 316SS   |
| 10                | 4     | FLOAT SWITCH w/ 100' CABLE                                       |
| 11                | 1     | ANCHOR 15LB PVC COATED   |
| 12                | 1     | 3IN SUBMERSIBLE PUMP   |
| 13                | 1     | AUTOCOUPLING ASSY 3IN FLG STD                                    |
| 14                | 1     | ADAPTER 3IN FLG X SLIP SCH 80 PVC                                |
| 15                | 20 LF | LF PIPE PVC SCH 80 3IN DIA                                       |
| 16                | 20 LF | LF PIPE 1-1/2IN SCH40 GUIDE RAIL 304SS                           |
| 17                | 1     | BALL CHECK VALVE 3IN SCH 80 PVC SLIP                             |
| 18                | 1     | BALL VALVE 3IN SCH 80 PVC SLIP                                   |
| 19                | 1     | 90 DEG ELBOW 3IN SCH 80 PVC SLIP                                 |
| 20                | 1     | FLEXIBLE PIPE CONNECTOR  |
| 21                | 1     | UPPER GUIDE RAIL BRACKET 3IN                                     |


| PROJECT SPECIFIC INFORMATION     |                            |
|----------------------------------|----------------------------|
| FINISHED GRADE (Ft.)             |                            |
| RIM ELEV. (Ft.)                  |                            |
| INLET ELEV. (Ft.)                |                            |
| FORCE MAIN DISCHARGE ELEV. (Ft.) |                            |
| AVAILABLE POWER SUPPLY           | 120V [ ] 240V [ ] 480V [ ] |
| AVAILABLE POWER PHASE            | Single [ ] Three [ ]       |

| SYSTEM CHARACTERISTICS   |                |  |
|--------------------------|----------------|--|
| APPLICATION              | SEWAGE [ ]     | STORM WATER [ ]  |
| DESIGN FLOW (gpm)        |                |  |
| TOTAL DYNAMIC HEAD (Ft.) |                |  |
| STATIC HEAD (Ft.)        |                |  |
| PUMP MOTOR (Std / XP)    | Standard [ ]   | XP/FM [ ]  |
| PUMP TYPE                | Non-Clog [ ]   | Grinder [ ] Chopper [ ] Vortex [ ]                             |
| PUMP RATED HP & CURRENT  |                |  |
| ACCESS HATCH LOAD LEVEL  | Pedestrian [ ] | Incidental H-20 [ ] Parking Lot H-20 [ ] Full Traffic H-20 [ ] |

| ADDITIONAL OPTIONS                    |     |     |
|---------------------------------------|-----|-----|
| OPTION                                | YES | NO  |
| CONTROL PANEL SS ENCLOSURE            | [ ] | [ ] |
| CONTROL PANEL AC UNIT                 | [ ] | [ ] |
| CONTROL PANEL REMOTE ALARM MONITORING | [ ] | [ ] |
| AIR RELEASE/VACUUM VALVE              | [ ] | [ ] |
| INTERIOR LINER                        | [ ] | [ ] |
| CONCRETE WATERPROOFING                | [ ] | [ ] |
| VENT PIPE                             | [ ] | [ ] |
| ODOR CONTROL VALVE                    | [ ] | [ ] |
| LIFTING CRANE                         | [ ] | [ ] |
| GENERATOR RECEPTACLE                  | [ ] | [ ] |

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DESCRIPTION: **348-S SERIES STANDARD**

MECHANICAL DETAIL

|                                    |                     |
|------------------------------------|---------------------|
| PART NUMBER: 348-S Series Standard | DRAWN BY: T. Handke |
| CREATED:                           | MODIFIED: 4/29/2020 |

REV: SHEET: 2 OF 2

348-S Series Standard.dwg