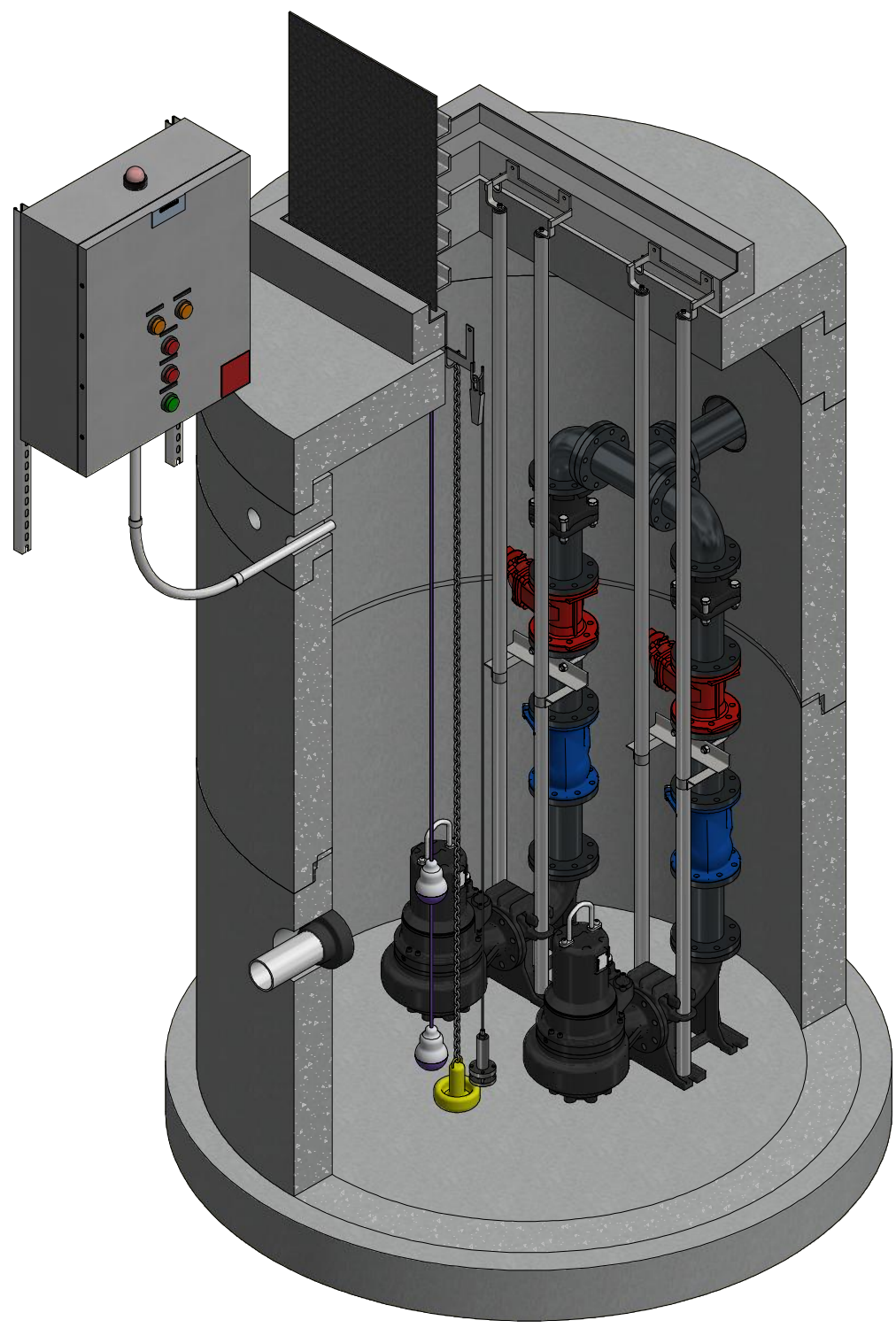
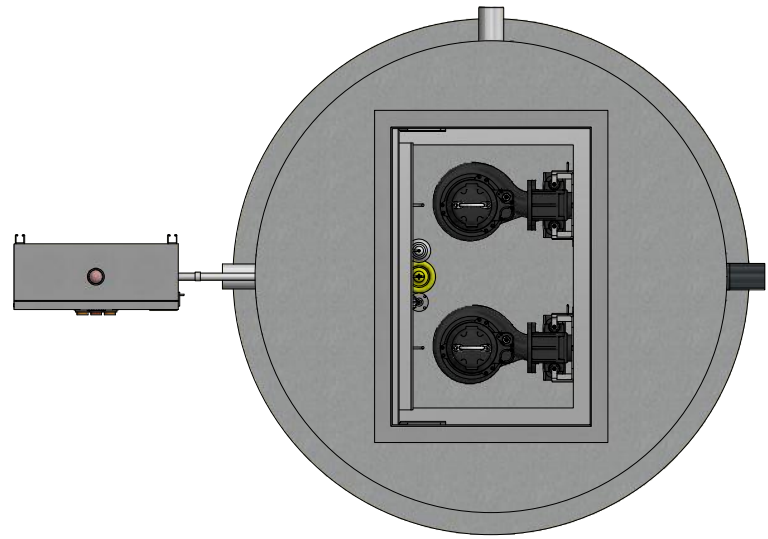


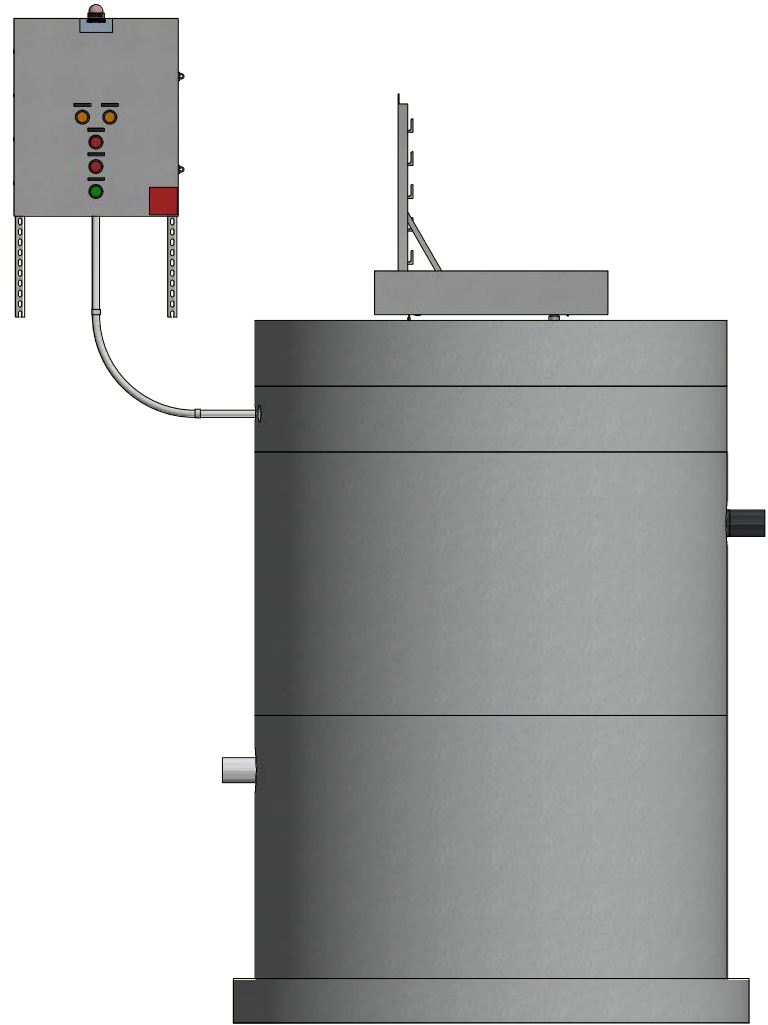
472-D SERIES STANDARD DUPLEX PUMP STATION



TOP LEFT ISOMETRIC VIEW w/ SECTION
NOT TO SCALE



PLAN VIEW
NOT TO SCALE



PROFILE VIEW
NOT TO SCALE

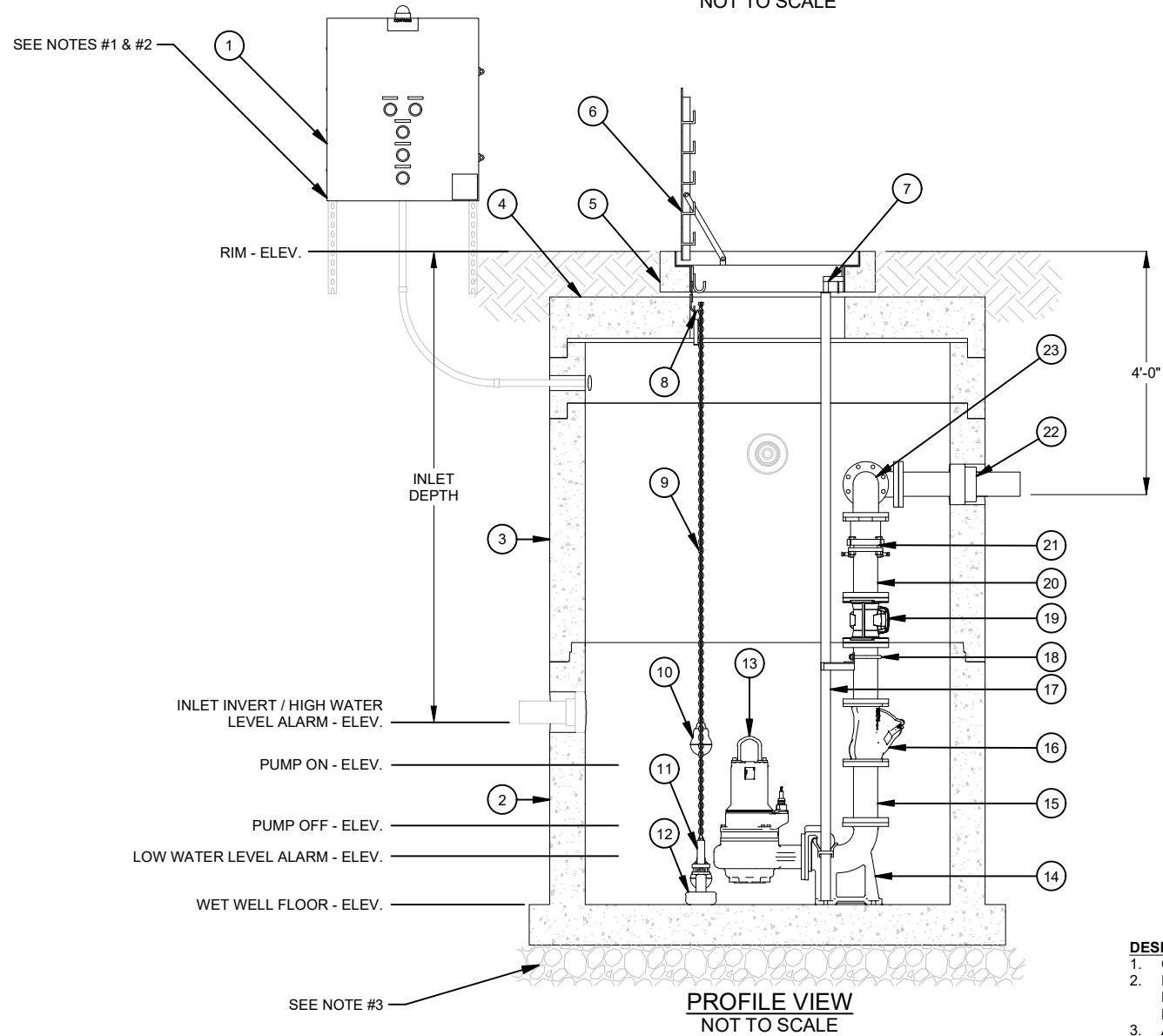
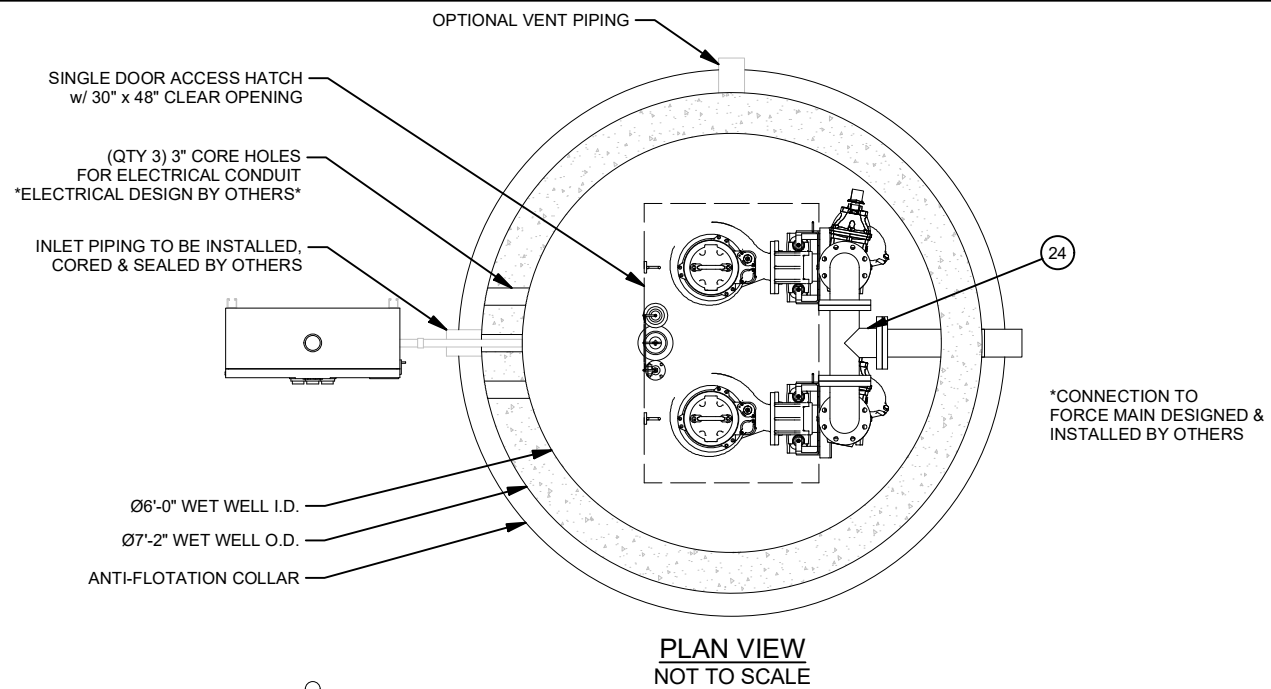
472-D Series Standard.idw

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 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:		472-D SERIES STANDARD		REV:
TITLE SHEET				SHEET:
PART NUMBER:	472-D Series Standard	DRAWN BY:	T. Handke	1 OF 2
CREATED:		MODIFIED:	5/1/2020	



DESIGN NOTES / DISCLAIMERS:
 1. CONTROL PANEL INSTALLATION, MOUNTING DESIGN & HARDWARE BY OTHERS.
 2. 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.
 3. ALL FOUNDATION, SUBGRADE, AND BACKFILL DESIGNED BY OTHERS.

BILL OF MATERIALS		
ITEM	QTY	DESCRIPTION
1	1	DUPLEX ALTERNATING CONTROL PANEL
2	1	72IN DIA. JENSEN PRECAST CONCRETE MANHOLE BASE *HEIGHT VARIES*
3	2	72IN DIA. JENSEN PRECAST CONCRETE MANHOLE BARRELS *HEIGHT VARIES*
4	1	72IN DIA. JENSEN PRECAST CONCRETE MANHOLE FLAT TOP
5	1	JENSEN PRECAST CONCRETE HATCH RISER
6	1	SINGLE DOOR HATCH WITH A CLEAR OPENING OF 30IN X 48IN
7	2	UPPER GUIDE RAIL BRACKET 4IN
8	1	FLOAT BRACKET 3 HOOK TYPE 316SS
9	10 LF	LF CHAIN 1/4IN 316SS
10	2	FLOAT SWITCH w/ 100' CABLE
11	1	PRESSURE TRANSDUCER w/ 100' CABLE
12	1	ANCHOR 15LB PVC COATED
13	2	SUBMERSIBLE PUMP 4IN
14	2	AUTOCOUPLING ASSY 4IN
15	4	PIPE 4IN FLG X FLG DUCTILE IRON SPOOL
16	2	BALL CHECK VALVE 4IN
17	40 LF	LF PIPE 1-1/2IN SCH40 GUIDE RAIL 304SS
18	2	INTERMEDIATE GUIDE RAIL BRACKET
19	1	ISOLATION VALVE 4IN FLG
20	3	PIPE 4IN FLG X PE DUCTILE IRON SPOOL *CUT TO LENGTH AS NEEDED*
21	2	RFCA 4IN W/ SS HARDWARE
22	1	FLEXIBLE PIPE CONNECTORS
23	2	90 DEG ELBOW 4IN DUCTILE IRON FLG
24	1	TEE 4IN DUCTILE IRON

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: **472-D SERIES STANDARD**
 MECHANICAL DETAIL
 PART NUMBER: 472-D Series Standard
 DRAWN BY: T. Handke
 CREATED: []
 MODIFIED: 5/1/2020
 REV: []
 SHEET: 2 OF 2

472-D Series Standard.idw