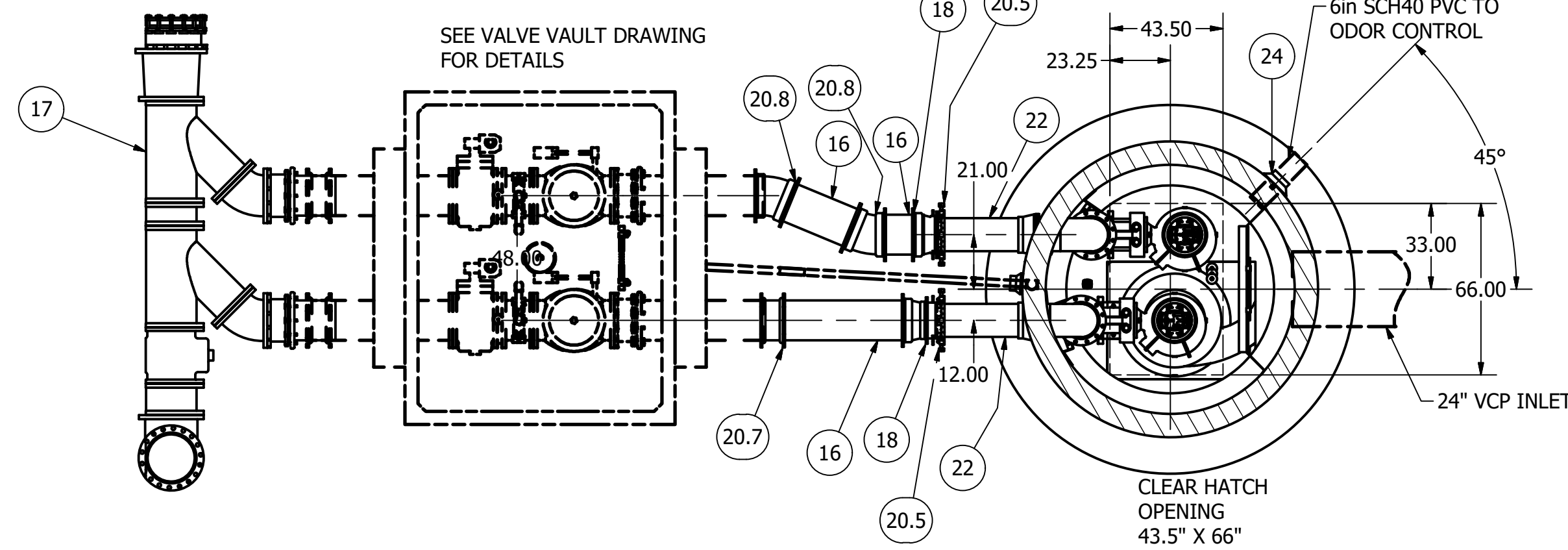


SEE FORCE MAIN MANIFOLD DRAWING FOR DETAILS



SEE VALVE VAULT DRAWING FOR DETAILS

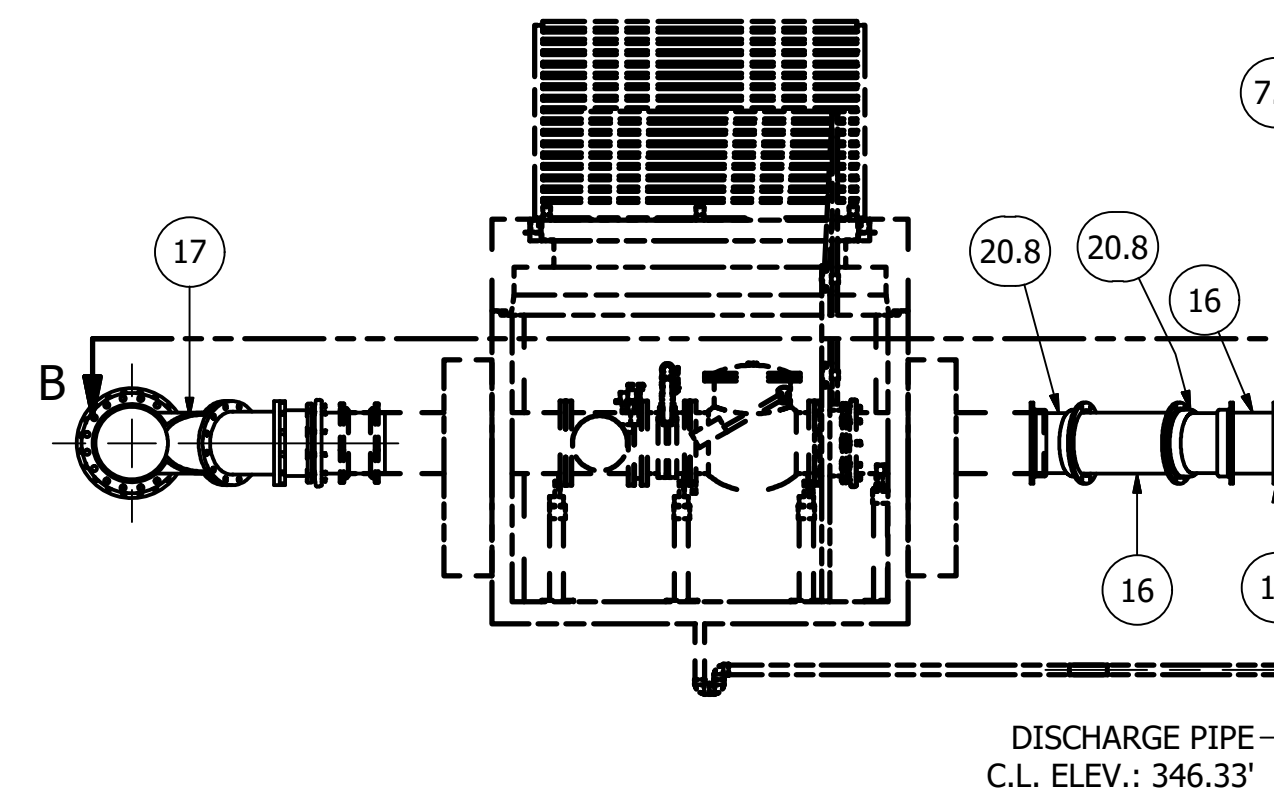
6in SCH40 PVC TO ODOR CONTROL

CLEAR HATCH OPENING
43.5" X 66"

24" VCP INLET

NOTE:
CONDUIT TO CONTROL PANEL (BY OTHERS)
MINIMUM:
(2) FOR POWER
(1) FOR LEVEL SENSING

NOTE: WET WELL TOP SLAB IS H-20 OCCASIONAL TRAFFIC RATED



DISCHARGE PIPE
C.L. ELEV.: 346.33'

ALL BURIED FLANGE SETS ARE TO BE DOUBLE WRAPPED WITH 10 MIL POLYETHYLENE SHEET SEEMED WITH APPROVED PIPE WRAP TAPE. THIS IS PROVIDED BY THE CONTRACTOR.

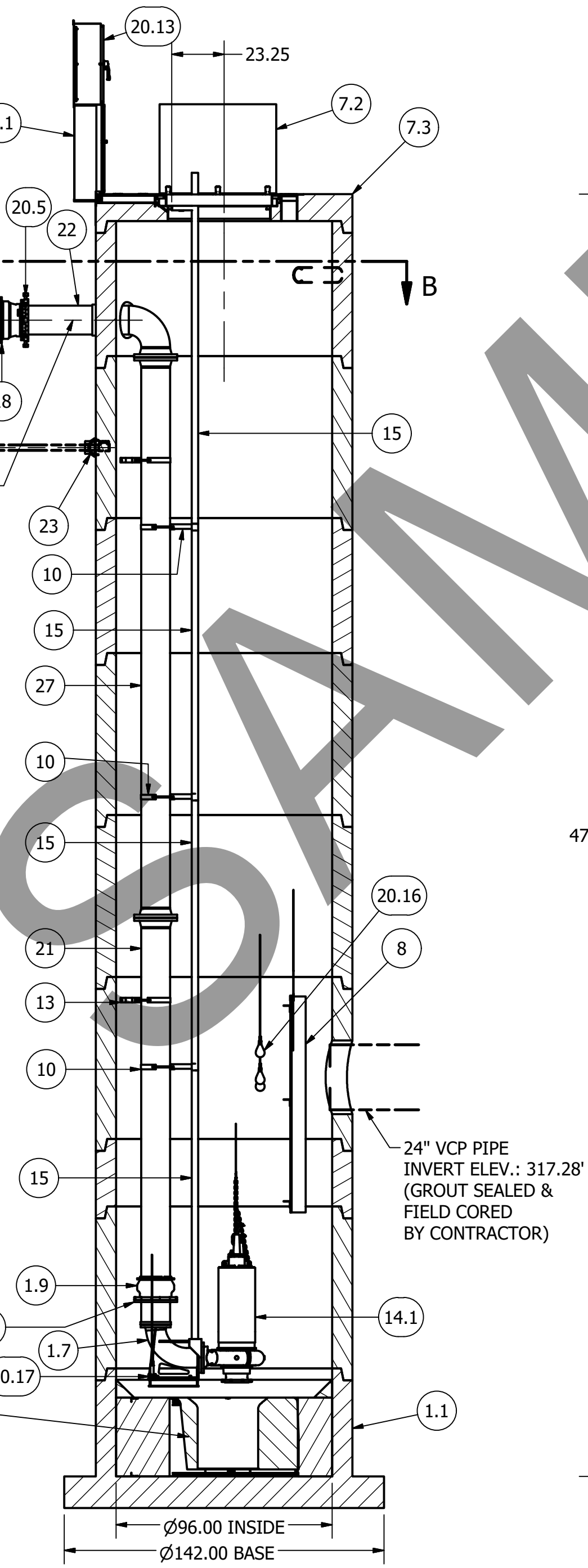
NOTE: ALL DIMENSIONS AND ELEVATIONS SHOWN ARE NOMINAL DIMENSIONS. IT IS THE RESPONSIBILITY OF THE ON-SITE CONTRACTOR OR ROMTEC UTILITIES CUSTOMER (NOT ROMTEC UTILITIES) TO VERIFY THE ACCURACY OF ANY CRITICAL DIMENSIONS OR ELEVATIONS PRIOR TO SETTING OR INSTALLING ANY EQUIPMENT.

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. KERN PACIFIC (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. KERN PACIFIC IS RESPONSIBLE FOR ALL PLUMBING AND ELECTRICAL CONNECTIONS AND INSTALLATION. ITEMS NOTED AS "BY OTHERS" WILL BE PROVIDED AND INSTALLED BY KERN PACIFIC. ROMTEC UTILITIES WILL NOT INSTALL ANY OF THE COMPONENTS SHOWN ON THIS PAGE.

ALL DUCTILE IRON PIPE AND FITTINGS ARE TO BE INDURON CERAMAWRAP / PROTECTO 401 LINED.

SUCTION BELL ON THE PUMP POSITIONED OVER THE PREROSTAL BASIN.

PROFILE VIEW
SECTION A-A
SCALE 1 / 48



24" VCP PIPE
INVERT ELEV.: 317.28'
(GROUT SEALED & FIELD CORED BY CONTRACTOR)

ALL DUCTILE IRON PIPE AND FITTINGS ARE TO BE INDURON CERAMAWRAP / PROTECTO 401 LINED.

TOP OF PREROSTAL BASIN
ELEV.: 306.42'

WET WELL FLOOR ELEV.: 303.50'

FINISHED GRADE AND RIM ELEVATION: 351.00'

6in SCH40 PVC TO ODOR CONTROL UNIT

20.11 20.12 20.1
ALL JOINTS

NOTE: STOCK NUMBERS ABOVE ARE ROMTEC UTILITIES STOCK NUMBERS.

SENSOR AND ELEVATION TABLE		
LEVEL ELEVATION	DISTANCE BETWEEN POINTS	SET POINT DESCRIPTION
317.28		INVERT IN
319.55		BACK UP PUMPS START
	1.00	SENSOR SPACING
318.55		BACK UP PUMPS STOP
	0.25	SENSOR SPACING
318.30		BACK UP HL ALARM
318.05		HIGH LEVEL ALARM
	0.25	SENSOR SPACING
317.80		LAG PUMP START
	0.50	SENSOR SPACING
317.30		LEAD PUMP START
309.05		UPPER - PUMP #2 STOP
	2.63	DISTANCE TO TOP OF BASIN
305.15		LOWER - PUMP #1 STOP
	1.27	DISTANCE TO TOP OF BASIN
306.42		TOP OF BASIN

PUMP INFORMATION	INFORMATION
NUMBER OF PUMPS	2
TYPE OF PUMPS	HIDROSTAL E8K-SS
SIZE OF PUMP	8in SUCTION; 8in DISCHARGE
PUMP CAPACITY IN GPM (EACH)	2200GPM per pump
TOTAL DYNAMIC HEAD, (TDH)	44ft TDH
MOTOR HORSEPOWER	40HP
MOTOR SPEED	1750RPM MAX.
POWER SUPPLY, PHASE AND VOLTAGE	480V, 3PHASE

8' DIAMETER WET WELL
12" DISCHARGE PIPING
HIDROSTAL PUMPS
14" VALVE VAULT

INTERIOR CONCRETE WALL LINING: AMERON T-LOCK
INTERIOR CONCRETE BASE COATING: TNEMEC 434/435 PERMA-SHIELD (the coating will be after the basin and grout are installed)
EXTERIOR CONCRETE COATING: TNEMEC 61

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROV
7	REVISED PUMPS AND DISCHARGE PIPING	8-17-17	AD
6	REVISIONS FOR LAUNCH	6-28-17	AD
5	PER COMMENTS	6-13-17	AD
4	UPDATED PER THE LATEST COMMENTS	5-15-17	AD
3	UPDATED PER THE LATEST COMMENTS	4-27-17	AD
2	NEW ELEVATIONS	3-27-17	AD
1	REVISED TO DUPLEX AND 8FT WW	3-13-17	AD
	DESCRIPTION		

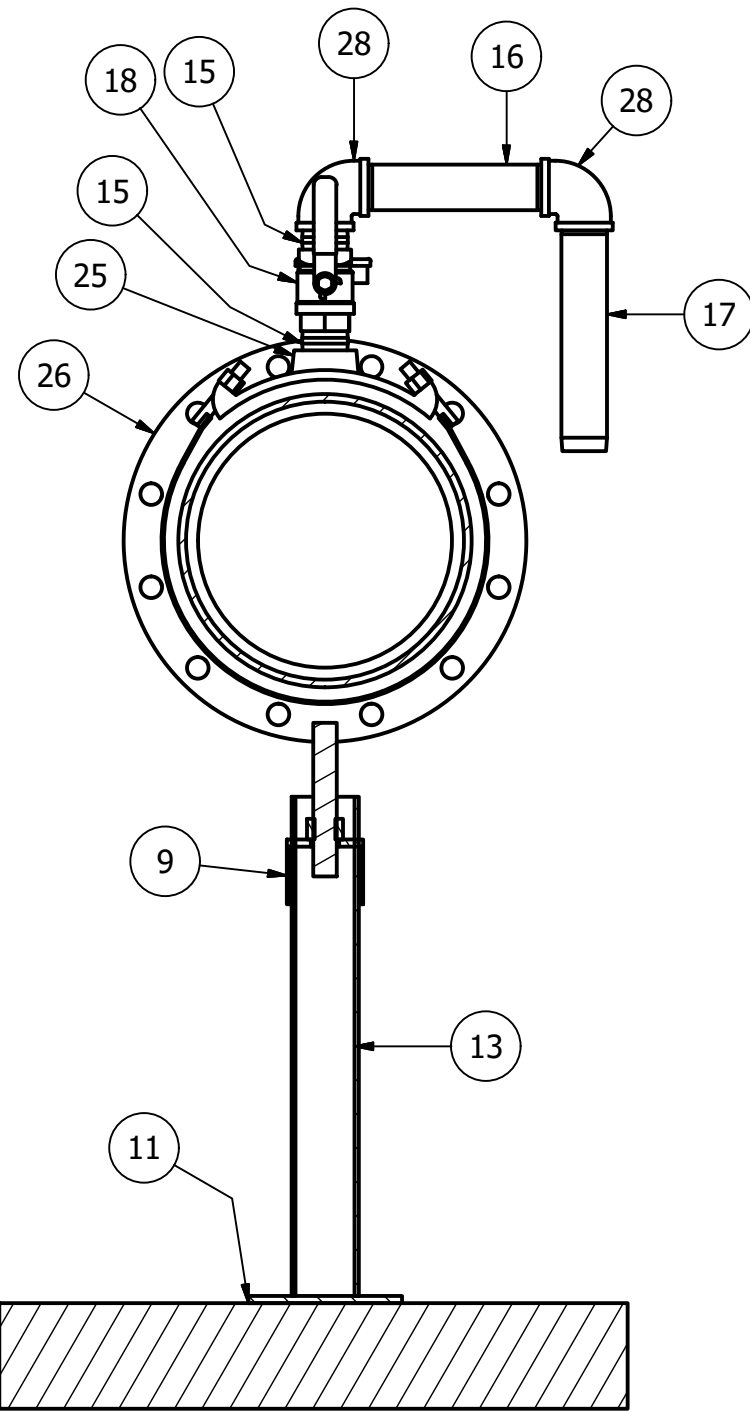
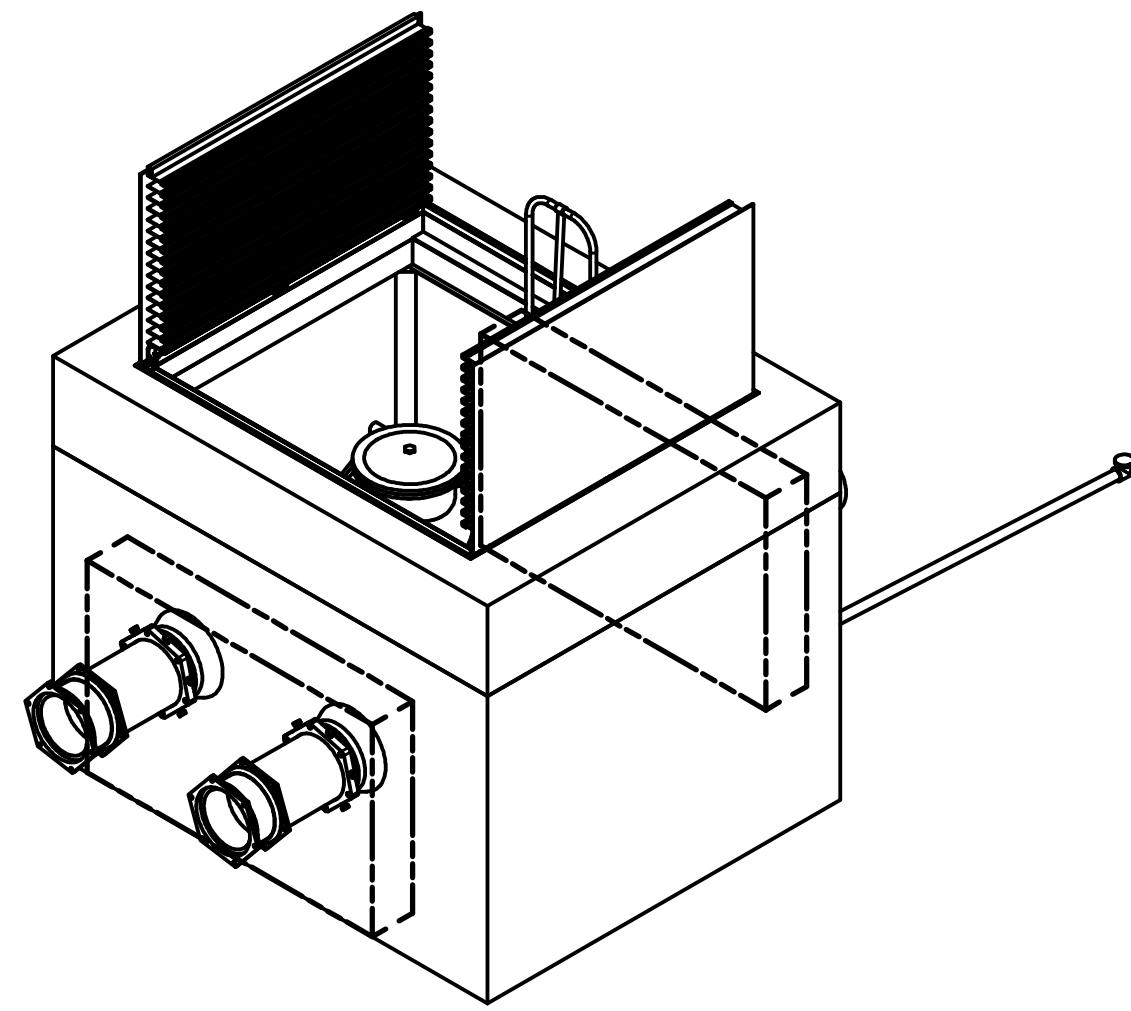
VERIFY SCALE	
0	1"
BAR IS ONE INCH ON 34" X 22" SHEET	
IF NOT ONE INCH ON SCALES ACCORDINGLY	
DSN - AD	
DRN - AD	
CKD - AD	
DATE - 3-13-17	

COMPONENT
DRAWING

ROMTEC UTILITIES
18240 NORTH BANK ROAD
ROSEBURG, OREGON 97470
(541) 496-9678
FAX (541) 496-0804

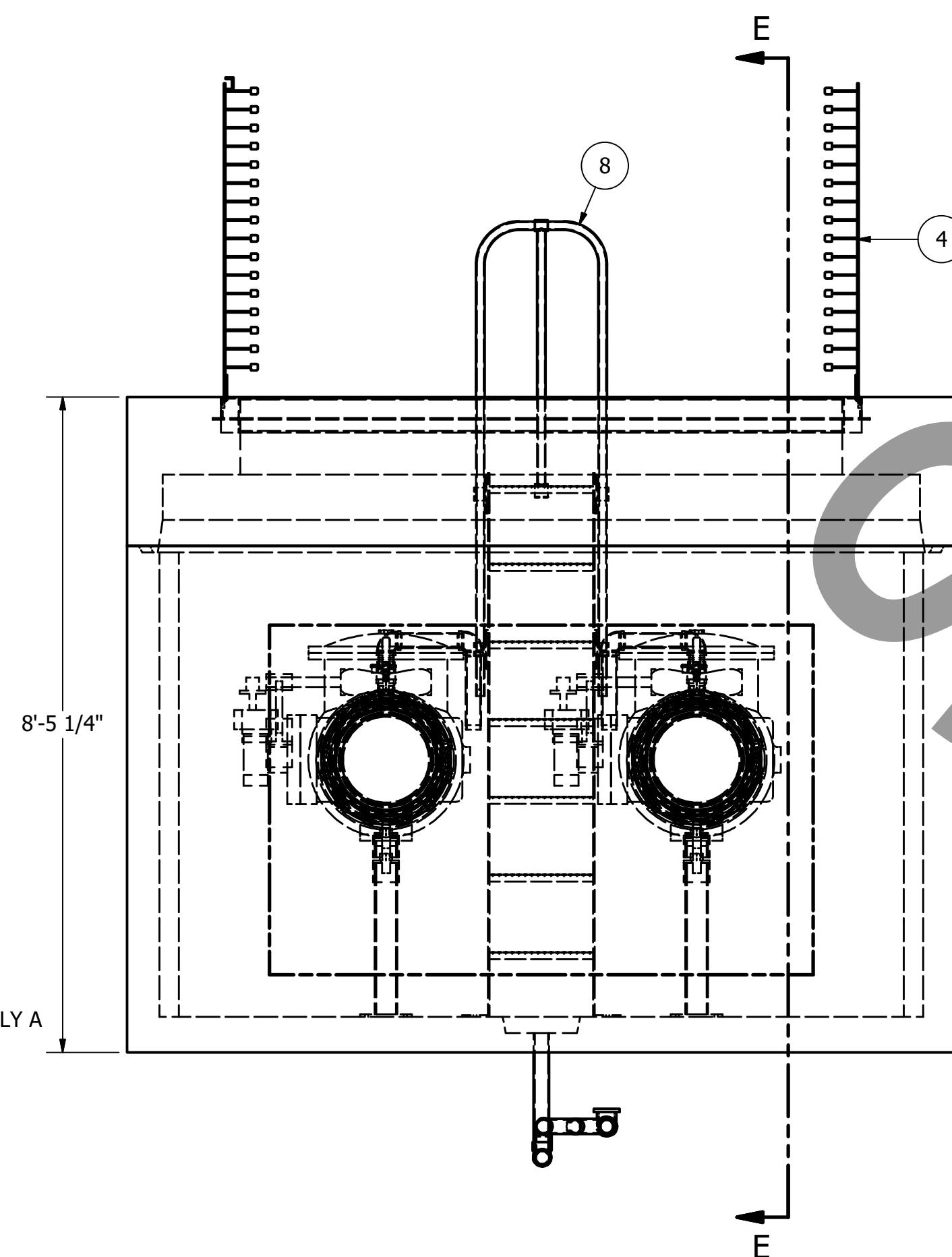
ASHE ROAD
8FT WET WELL ASSEMBLY

SHEET	1 OF 7
JOB NUMBER	RMTCT

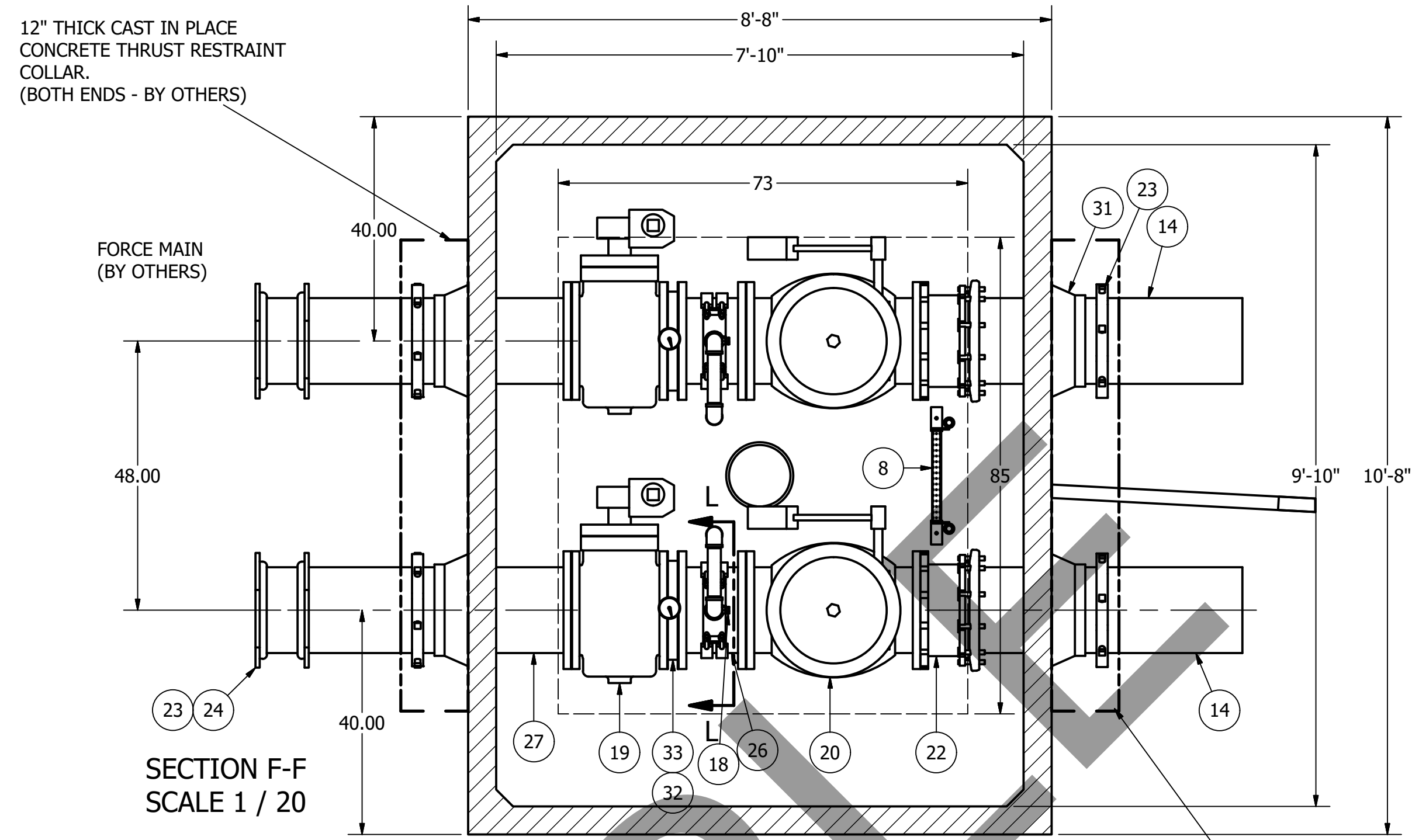


SECTION L-L
SCALE 1 / 10

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. KERN PACIFIC (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. KERN PACIFIC IS RESPONSIBLE FOR ALL PLUMBING AND ELECTRICAL CONNECTIONS AND INSTALLATION. ITEMS NOTED AS "BY OTHERS" WILL BE PROVIDED AND INSTALLED BY KERN PACIFIC. ROMTEC UTILITIES WILL NOT INSTALL ANY OF THE COMPONENTS SHOWN ON THIS PAGE.

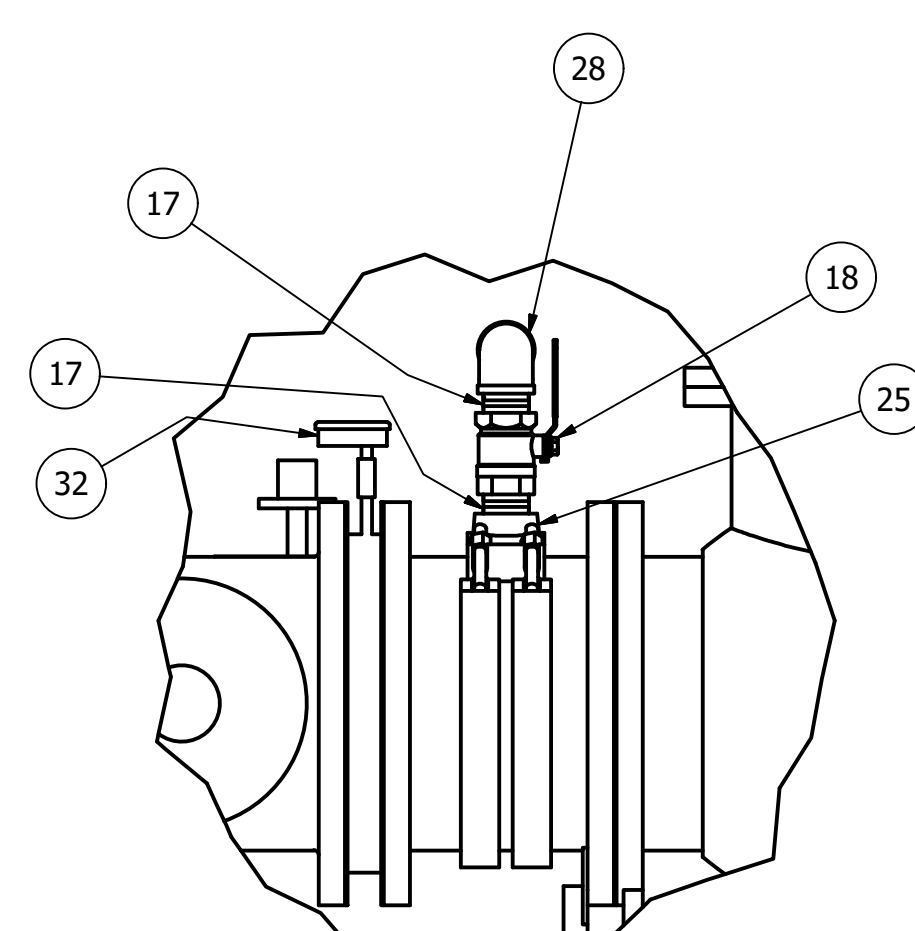
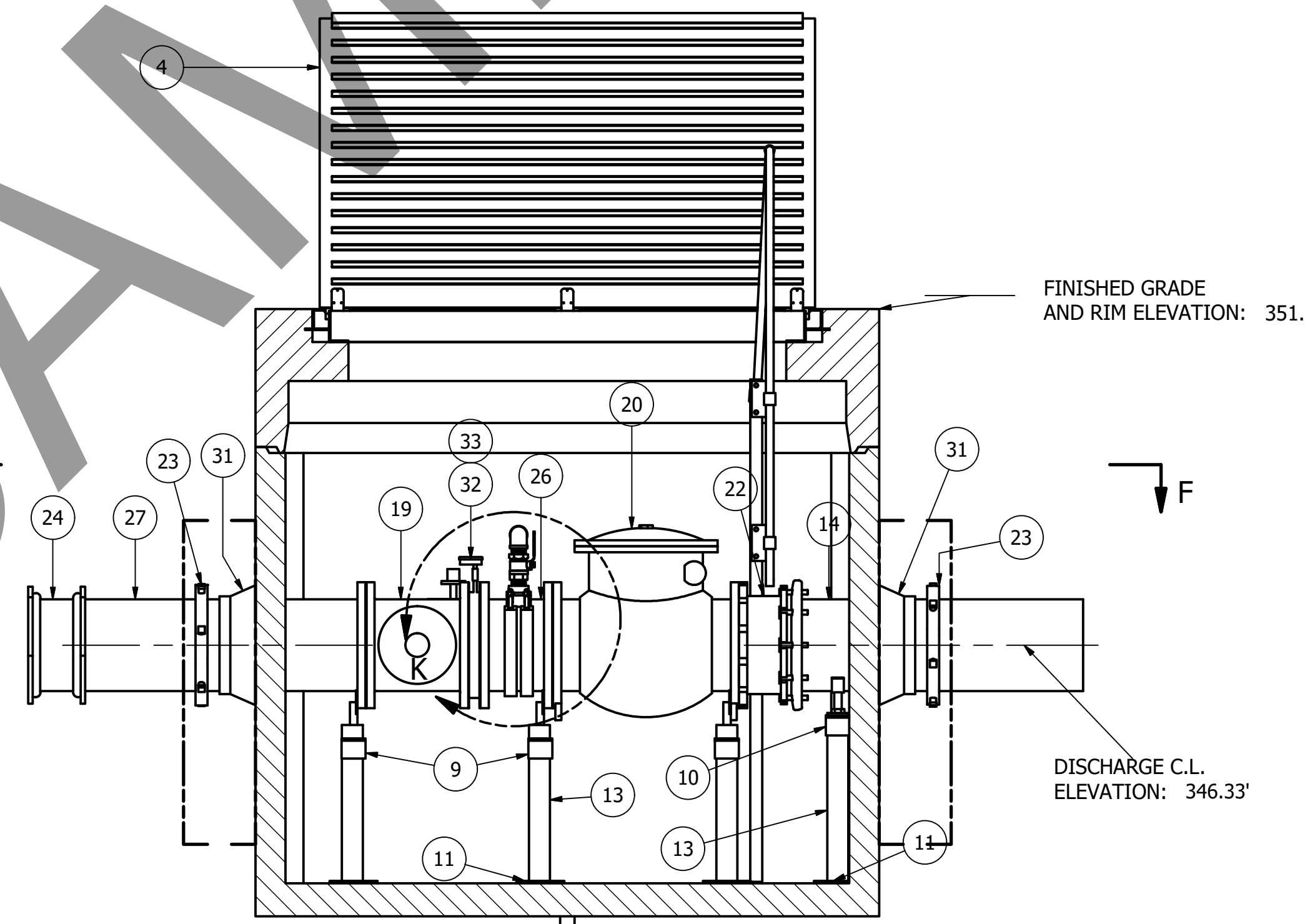


SECTION E-E
SCALE 1 / 20



SECTION F-F
SCALE 1 / 20

NOTE: VAULT TOP SLAB IS H-20 OCCASIONAL RATED



MANUAL AIR RELEASE /
ISO RING W/ GAUGE
DETAIL K
SCALE 1 / 10

ALL DUCTILE IRON PIPE AND FITTINGS SHALL BE INDURON CERAMAWRAP COATED AND PROTECTO 401 LINED

810 VALVE VAULT
14" PIPING AND VALVES
W/ PRESSURE GAUGES

ALL BURIED FLANGE SETS ARE TO BE DOUBLE WRAPPED WITH 10 MIL POLYETHYLENE SHEET SEEMED WITH APPROVED PIPE WRAP TAPE. THIS IS PROVIDED BY THE CONTRACTOR.

CLEAR HATCH OPENING
73" X 85"

12" THICK CAST IN PLACE CONCRETE THRUST RESTRAINT COLLAR. (BOTH ENDS - BY OTHERS)

12" THICK CAST IN PLACE CONCRETE THRUST RESTRAINT COLLAR. (BOTH ENDS - BY OTHERS)

REV	DESCRIPTION	DATE	APPROV
7	REVISED PUMPS AND DISCHARGE PIPING	8/17/2017	AD
6	REVISIONS FOR LAUNCH	6/28/2017	AD
5	PER COMMENTS	6/12/2017	AD
4	UPDATED PER THE LATEST COMMENTS	5/15/2017	AD
3	UPDATED PER THE LATEST COMMENTS	4/27/2017	AD
2	NEW ELEVATIONS	3/27/2017	AD
1	REVISED TO DUPLEX AND 8FT WW	3-13-17	AD
	DESCRIPTION		
	REVISION HISTORY		

VERIFY SCALE	DATE
1"	3-13-17

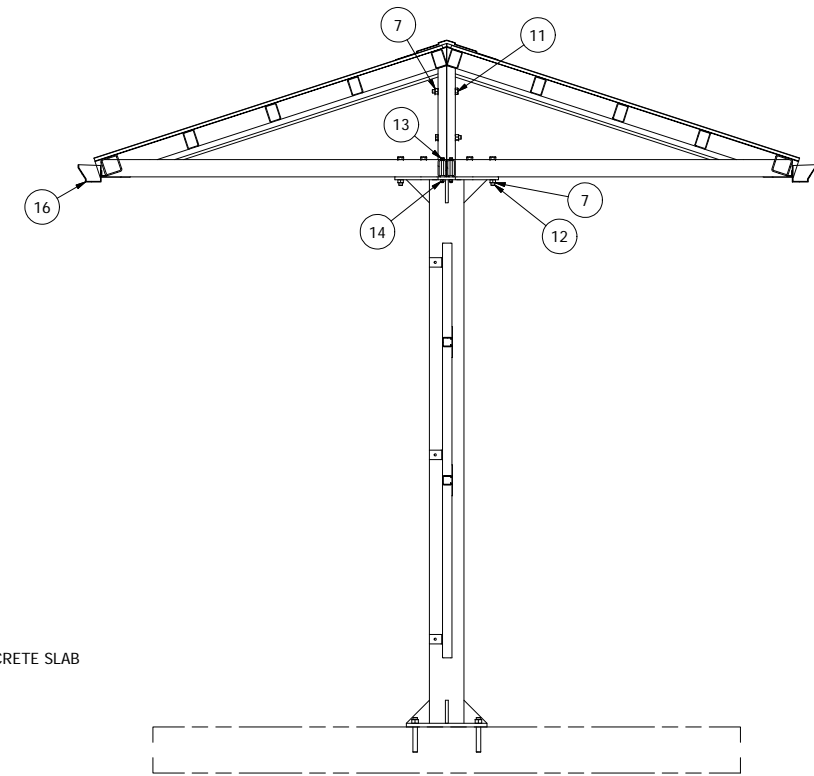
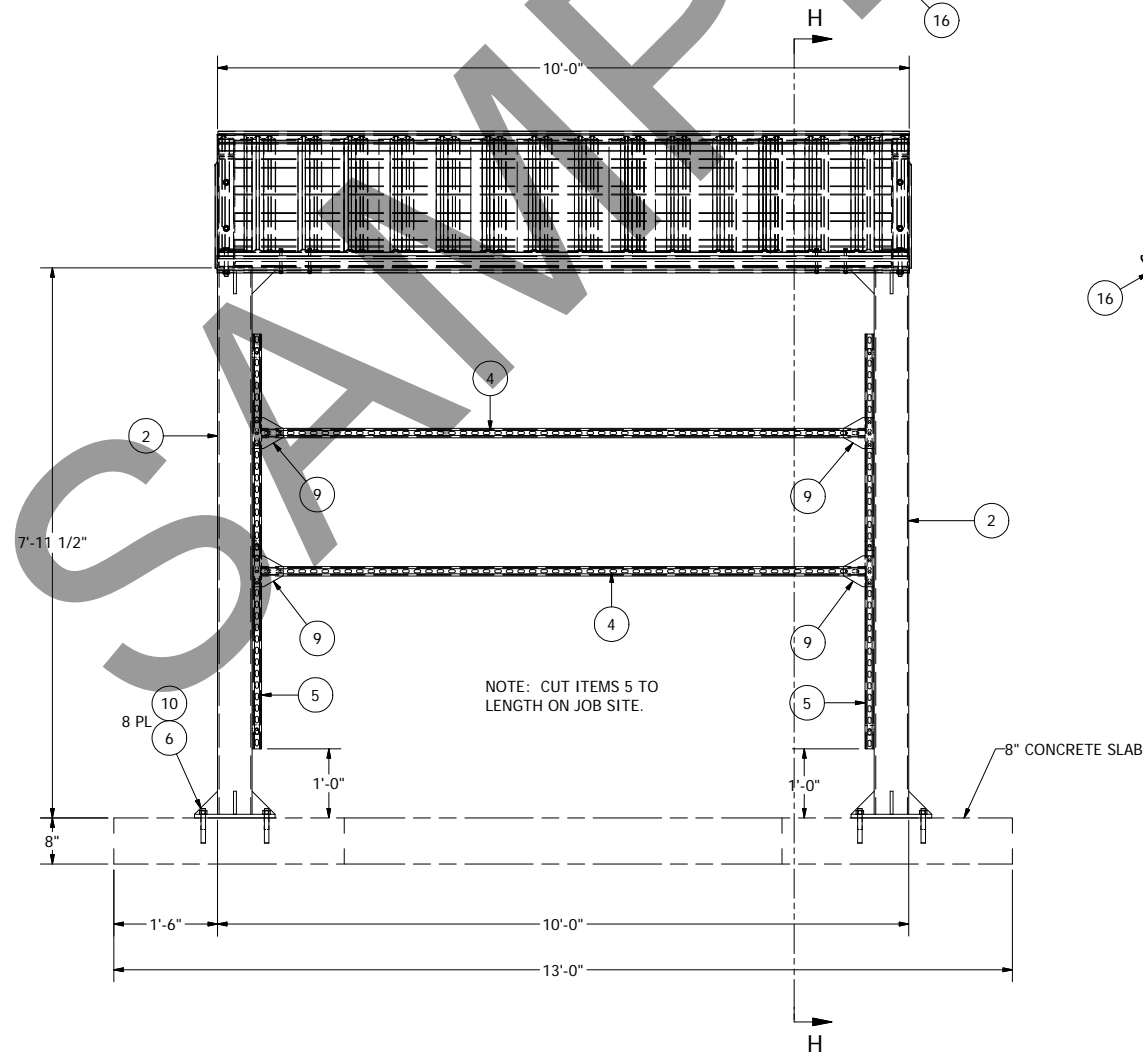
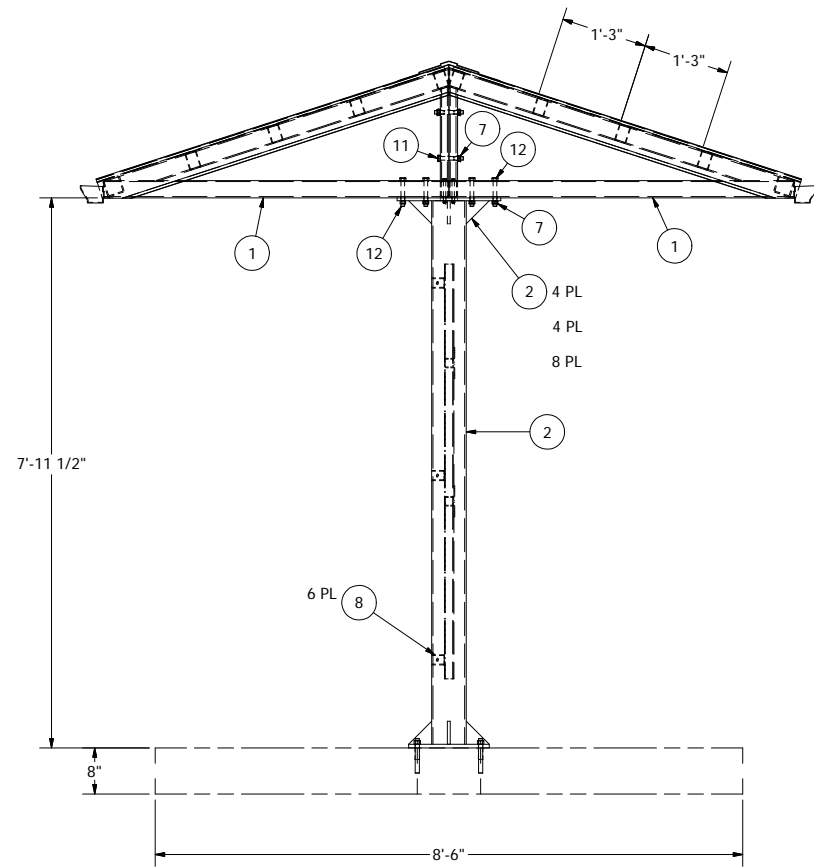
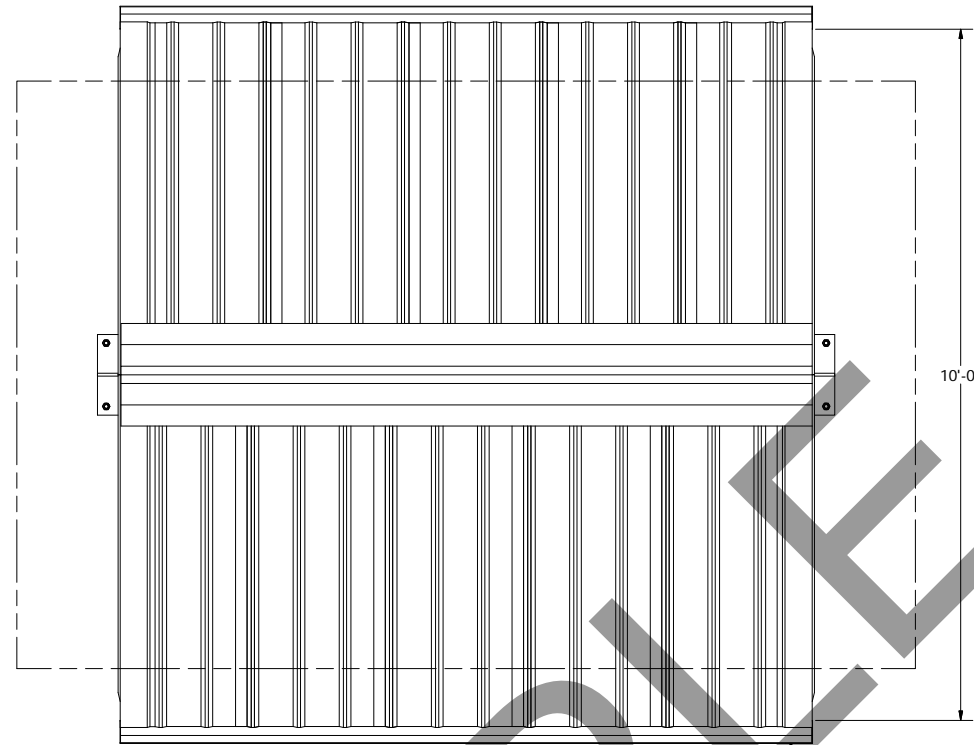
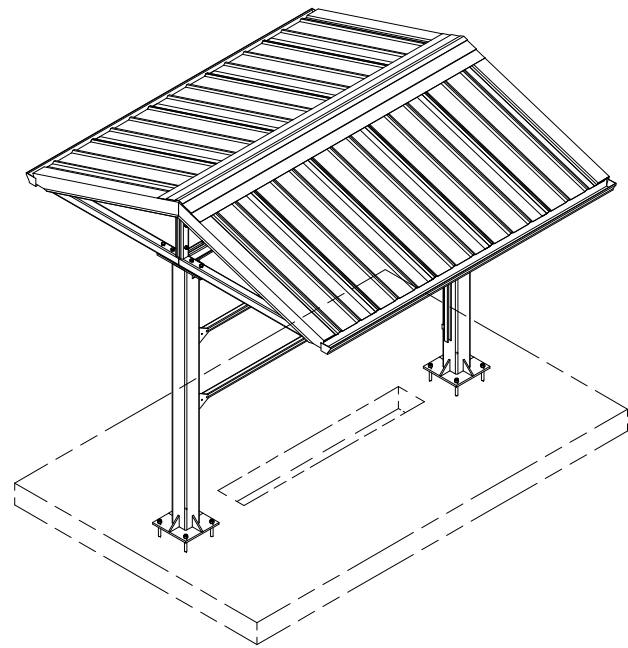
COMPONENT
DRAWING

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18240 NORTH BANK ROAD
ROSEBURG, OREGON 97470
(541) 496-9678
FAX (541) 496-0804

ASHE ROAD
VALVE VAULT

SHEET
2 OF 7

JOB NUMBER
RMTC



SECTION H-H
SCALE 0.06 : 1

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VERIFY SCALE
BAR IS ONE INCH ON
ORIGINAL DRAWING
1"
0 IF NOT ONE INCH ON
THIS SHEET ADJUST
SCALE APPROPRIATELY

DETAIL
DRAWING

ROMTEC UTILITIES
18240 NORTH BANK ROAD
ROSEBURG, OREGON 97470
(541) 496-9678
FAX (541) 496-0804

2 PIECE TRUSS
TUBE PURLINS
**CONTROL SHELTER
2-POST SHELTER ASSEMBLY**

SHEET
1 OF 1

JOB NUMBER
**RMTC
0000**

REV	DESCRIPTION	DATE	APPROV
1	COMPONENT DRAWING	6-24-15	AD

REVISION HISTORY