PRELIMINARY DESIGN

PROJECT INFO

Job Name:	Starbucks - Chula Vista
Company:	
Contact:	
Job Type:	New Station
Water Type:	Stormwater

PACKAGE/STARTUP

Offering:	Complete System
Mechanical:	
Pumps:	
Control Panel:	
Startup:	

WET WELL SUMMARY

Material:	Concrete	
Diameter:	4	Feet
Barrels:	9	Feet
Inside Height:	12.00	Feet
Storage Depth:	0.00	Feet
Disch. Piping Size:	1"	
Disch. Piping Type:	PVC SCH80	
Disch. Piping Style:	Checks, 2 Valves, Manifold	
Lining:	Unlined	

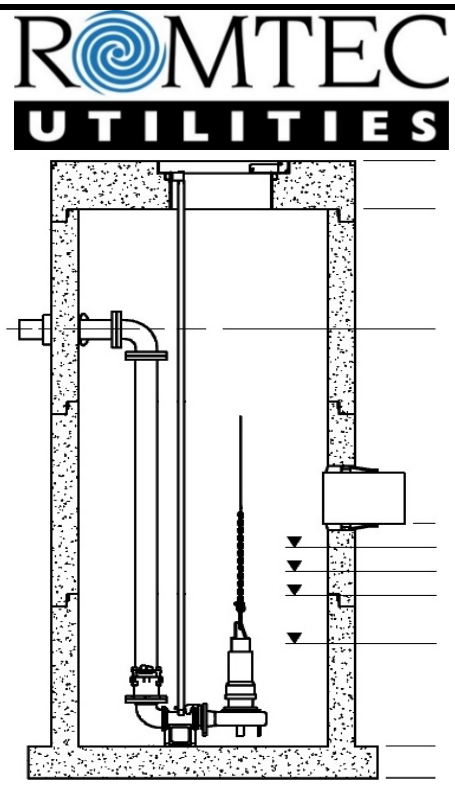
WET WELL TOP

Traffic Rating:	DI H-20 Full
Hatch Options:	N/A
Vent Options:	Vent (Cast in top slab)

WET WELL BASE

Base:	Flat sump
Lining:	No Lining

CURRENT REVISION	11/8/18	1



RIM:	91.90
FG:	91.90
DISCH CL:	88.90
INFLUENT:	86.90
HIGH LEVEL:	81.40
LAG START:	81.15
LEAD START:	80.65
LEAD STOP:	80.40
SUMP:	78.90
BASE:	78.40

CRANE

Crane:	N/A	
Base/Winch:		

FORCE MAIN

ID/Length	1"	140
Type/Rating:	PVC SCH40	
FM High Point:	89.00	

DUTY POINT

Pumping Rate:	8	GPM (Total)
Static Head:	8.60	Feet
TDH:	22.0	Feet

PRIMARY PUMPS

	Duplex Configuration		
Manufacturer:	Ebara		
Model:	EPD-3MSI		
Impeller Model/Dia:	3.35	Trim:	No
Motor HP:	1/3 HP	Expl. Proof:	No
Voltage/Phase:	115V / 1-Phase		
Cable Length:	20		
Mix Flush Valve:	N/A		

JOCKEY PUMP

Manufacturer:	N/A		
Model:	0		
Impeller Model/Dia:	0	Trim:	0
Motor HP:	0	Expl. Proof:	0
Voltage/Phase:	0		
Cable Length:	0		
Mix Flush Valve:	0		

SENSOR AND ELEVATION TABLE

Elevation	Distance	Description
86.90		Invert In
	0.00	*Sensor Spacing*
81.40		HL Alarm
	0.25	*Sensor Spacing*
81.15		Lag Start
	0.50	*Sensor Spacing*
80.65		Lead Start
	0.25	*Sensor Spacing*
80.40		Pump Stop
	1.50	*Sensor Spacing*
78.90		Sump Floor

VALVE VAULT

Valve Size:	N/A	0
Hatch:	0	
Pressure Gauge:	0	
Check Options:	0	
Shut Off Options:	0	0
Options:	0	
Options:	0	
Options:	0	

METER VAULT

Valve Size:	N/A	0
Hatch:	0	
Pressure Gauge:	0	
Shut Off Options:	0	0
Options:	0	
Options:	0	
Options:	0	
Flow Meter:	0	

CONTROL PANEL

Power:	120V / 1-Phase
Controller:	Alternator
Primary Sensor:	3 Floats
Secondary Sensor:	N/A
Enclosure:	NEMA 4X Fiberglass
Pump/Sense Wiring:	Junction Box (By Others)
Options:	Alarm Beacon
Options:	N/A

GENERATOR

Model:	N/A
Enclosure:	0
Transfer Switch:	0
Options:	0
Options:	0

CONTROL BUILDING

Type:	N/A
Size:	0