
















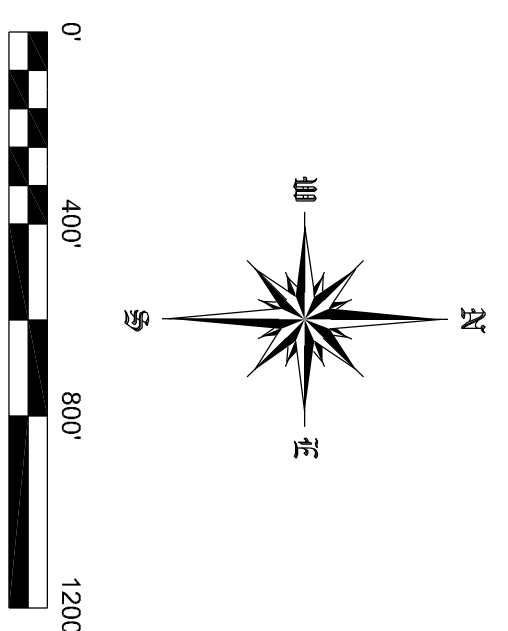


**LEGEND**

-  ELECTRICAL LINE
-  WATER LINE
-  FIBER OPTIC LINE
-  MAIN ESCAPE ROUTE
-  SECONDARY ESCAPE ROUTE
-  FIRST AID
-  ELECTRIC SUBSTATION
-  ELECTRICAL BOX
-  PLC CONTROL
-  TELEPHONE
-  SURFACE CONTROL MONUMENT
-  FRESH AIR FLOW
-  EXHAUST AIR FLOW
-  AIR STOPPINGS
-  AIR STOPPINGS WITH DOORS
-  BERM
-  ABANDONED AREA

NOTE: ALL FANS ARE CONTROLLED BY PLC CONTROLS

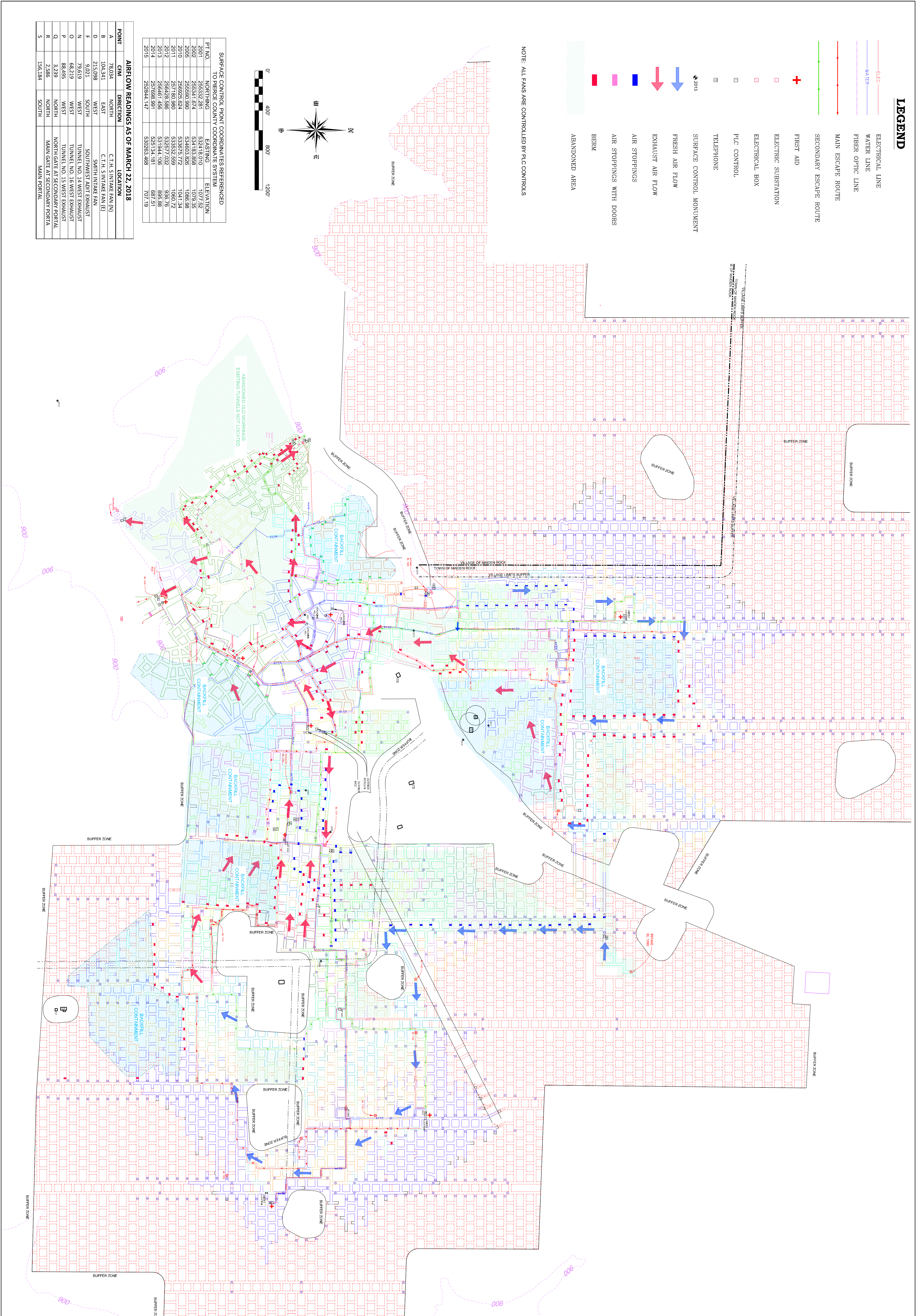


SURFACE CONTROL POINT COORDINATES REFERENCED TO PIERCE COUNTY COORDINATE SYSTEM

PT NO.	NORTHING	EASTING	ELEVATION
2001	255327.281	532418.010	1079.52
2002	255341.674	534183.888	1079.35
2005	255590.990	534603.826	1086.98
2010	256925.624	533675.772	1041.34
2011	257180.980	533552.589	1060.72
2012	256428.588	532577.032	938.76
2013	256461.466	531944.106	888.88
2014	256244.147	531944.106	872.44
2015	252844.147	530283.488	707.19

AIRFLOW READINGS AS OF MARCH 22, 2018

POINT	CFM	DIRECTION	LOCATION
A	78,034	NORTH	C.T.H. SINTAKE FAN (N)
B	104,341	EAST	C.T.H. SINTAKE FAN (E)
D	215,098	WEST	SMITH INTAKE FAN
F	9,021	SOUTH	SOUTHWEST ADIT EXHAUST
N	79,619	WEST	TUNNEL NO. 14 WEST EXHAUST
O	68,219	WEST	TUNNEL NO. 16 WEST EXHAUST
P	88,695	WEST	TUNNEL NO. 15 WEST EXHAUST
Q	3,239	NORTH	NORTH GATE AT SECONDARY PORTAL
R	2,586	NORTH	MAIN GATE AT SECONDARY PORTAL
S	156,184	SOUTH	MAIN PORTAL



G-5  
SHEET NO.

PROJECT NO.	CAD FILE	SURVEYED BY	DRAWN BY	APPROVED BY	NO.	DATE	REVISIONS	BY
18-0602	18-0602.dwg	TMH	TMH					
DATE	CRD FILE	SURVEY DATE	CHECKED BY	SCALE				
9/7/2018	18-0602.crd	9/5/2018	TMH	1"=400'	1	9/24/2018	TUNNEL LAYOUT	TMH

WISCONSIN INDUSTRIAL SAND COMPANY, LLC  
A DIVISION OF FAIRMOUNTSANTROL  
MAIDEN ROCK, WISCONSIN  
VENTILATION DETAIL MAP



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