



2017
COVE LAKE
TENNESSEE STATE
PRE-SHIFT

MH

STATEMENT

YOU ARE THE PRE-SHIFT EXAMINER FOR THE COVE COAL COMPANY,
NUMBER 1 MINE.

YOU ARE THE ASSIGNED TO PRE-SHIFT ALL AREAS THAT MINERS ARE
SCHEDULED TO WORK AND TRAVEL.

THERE IS A CREW OF MEN THAT ARE SCHEDULED TO TRAVEL THE INTAKE
ROADWAY TO THE 002 SECTION AND DO SERVICE AND REPAIR WORK ON
THE EQUIPMENT. THE CREW IS ALSO SCHEDULED TO CHANGE OUT BELT
STRUCTURE ON THE #2 BELT THAT IS THE 002 SECTION BELT. THE BELT IS
CURRENTLY OFF. THEY ARE ALSO SCHEDULED TO ROCK DUST THE 002
SECTION RETURN.

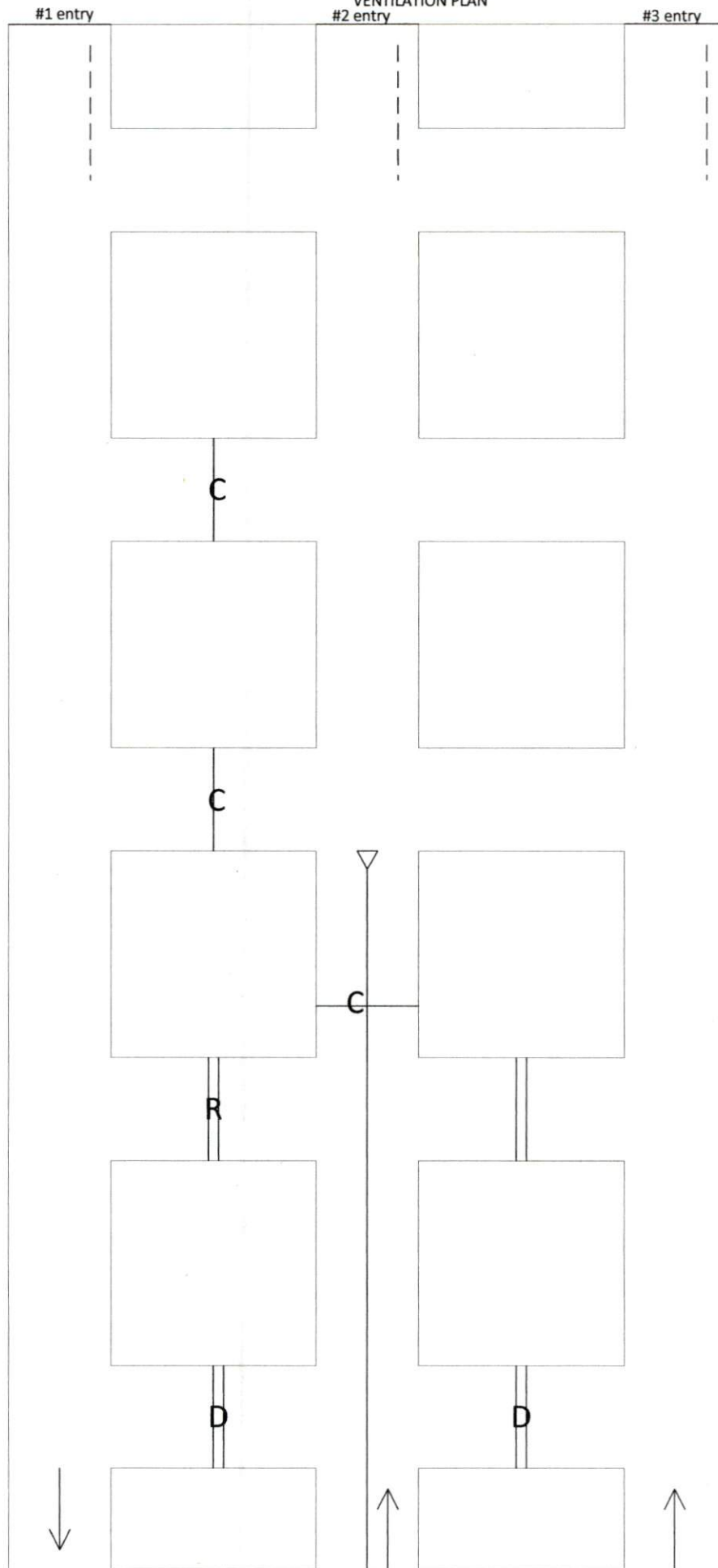
ROOF CONTROL PLAN

- (1) The maximum cut depth for this mine is 40 feet.
- (2) Openings that create an intersection should be permanently supported or at least one row of temporary supports should be installed on not more than 5 foot centers across the opening before any other work or travel in the intersection, except to conduct examinations or make safety corrections.
- (3) The sub-mains and pillar panels are driven on 60-foot X 60-foot centers minimum.
- (4) The roof bolt pattern is 4-foot by 4 foot centers.
- (5) The maximum entry and crosscut width is 20 feet.
- (6) Roof test holes shall be drilled 72 inches deep in all intersections.

VENTILATION PLAN

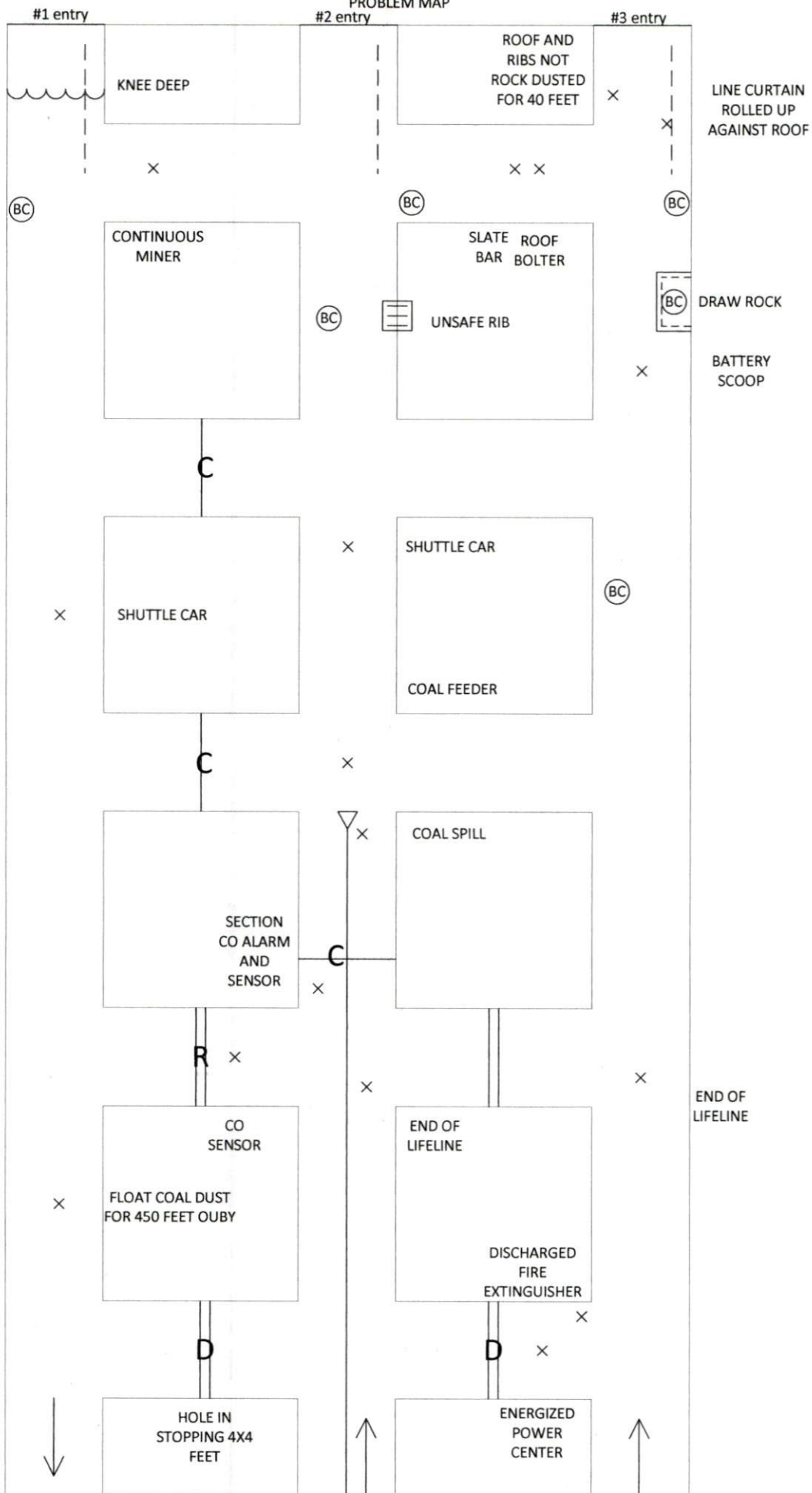
- (1) A line curtain shall be maintained to within 5 feet of face in supported places and to the last row of permanent support in unbolted places.
- (2) The line curtain shall extend into the crosscut.
- (3) The minimum volume of air in the last open crosscut shall be 15,000 CFM when three open crosscuts are present.
- (4) There will be a CO sensor located at the belt regulator where belt air is vented to the return.

2017 COVE LAKE PRE-SHIFT
VENTILATION PLAN



#3 entry

2017 COVE LAKE PRE-SHIFT
PROBLEM MAP



**PRE-SHIFT EXAMINATION CONTEST
JUDGES DISCOUNT SHEET**

CONTESTANT _____ NO. _____ * DENOTES DISCOUNT
OUTSIDE

	<u>YES</u>	<u>NO</u>	<u>RULE</u>
(1) CHECK IN	—	— *	1
(2) CHECK SCSR	—	— *	3
(3) CHECK METHANE/OXYGEN DETECTOR	—	— *	19
(4) CHECK OUT	—	— *	1
(5) HAVE ALL REQUIRED EQUIPMENT	—	— *	2
(6) EQUIPMENT MAINTAINED IN OPERABLE CONDITION	—	— *	14

POWER CENTER

	<u>YES</u>	<u>NO</u>	<u>RULE</u>
(1) DTI POWER CENTER	—	— *	4
(2) TAKE GAS TEST AT POWER CENTER	—	— *	5
(3) TAKE A PROPER GAS TEST	—	— *	6
(4) DANGER FIRE EXTINGUISHER	—	— *	11
(5) DTI DANGER AT FIRE EXTINGUISHER	—	— *	4

NO. 3 ENTRY INTAKE ROADWAY

	<u>YES</u>	<u>NO</u>	<u>RULE</u>
(1) DTI THE #3 ENTRY	—	— *	4
(2) TAKE GAS TEST IN THE #3 ENTRY	—	— *	5
(3) TAKE A PROPER GAS TEST	—	— *	6

NO. 3 ENTRY

	<u>YES</u>	<u>NO</u>	<u>RULE</u>
(1) TAKE DOWN DRAW ROCK	—	— *	11

NO. 3 ENTRY FACE AREA

	<u>YES</u>	<u>NO</u>	<u>RULE</u>
(1) DTI THE #3 ENTRY	—	— *	4
(2) TAKE GAS TEST IN THE #3 ENTRY	—	— *	5
(3) TAKE A PROPER GAS TEST	—	— *	6
(4) VERBALLY STATE ROOF AND RIBS	—	— *	10
(5) UNROLL LINE CURTAIN	—	— *	11

NO. 2 ENTRY

	<u>YES</u>	<u>NO</u>	<u>RULE</u>
(1) TAKE DOWN UNSAFE RIB	—	— *	11

NO. 2 ENTRY FACE AREA

	<u>YES</u>	<u>NO</u>	<u>RULE</u>
(1) DTI THE #3 ENTRY	—	— *	4
(2) TAKE GAS TEST IN THE #3 ENTRY	—	— *	5
(3) TAKE A PROPER GAS TEST	—	— *	6
(4) VERBALLY STATE ROOF AND RIBS	—	— *	10

NO. 1 ENTRY FACE AREA

	<u>YES</u>	<u>NO</u>	<u>RULE</u>
(1) DTI THE #1 ENTRY	—	— *	4
(2) TAKE GAS TEST IN THE #1 ENTRY	—	— *	5
(3) TAKE A PROPER GAS TEST	—	— *	6
(4) VERBALLY STATE ROOF AND RIBS	—	— *	10

NO. 1 ENTRY RETURN OUTBY

	<u>YES</u>	<u>NO</u>	<u>RULE</u>
(1) DTI THE RETURN	—	— *	4
(2) TAKE GAS TEST IN THE RETURN ENTRY	—	— *	5
(3) TAKE A PROPER GAS TEST	—	— *	6
(4) DANGER FLOAT COAL DUST	—	— *	11
(5) DTI DANGER FLOAT COAL DUST	—	— *	4

NO. 2 BELT AREA

	<u>YES</u>	<u>NO</u>	<u>RULE</u>
(1) DTI THE #2 BELT	—	— *	4
(2) TAKE GAS TEST IN THE #2 BELT ENTRY	—	— *	5
(3) TAKE A PROPER GAS TEST	—	— *	6
(4) DANGER COAL SPILL	—	— *	11
(5) DTI DANGER COAL SPILL	—	— *	4
(6) MOVE CO INBY CURTAIN	—	— *	11
(4) DANGER 4X4 HOLE IN STOPPING	—	— *	11
(5) DTI DANGER 4X4 HOLE IN STOPPING	—	— *	4

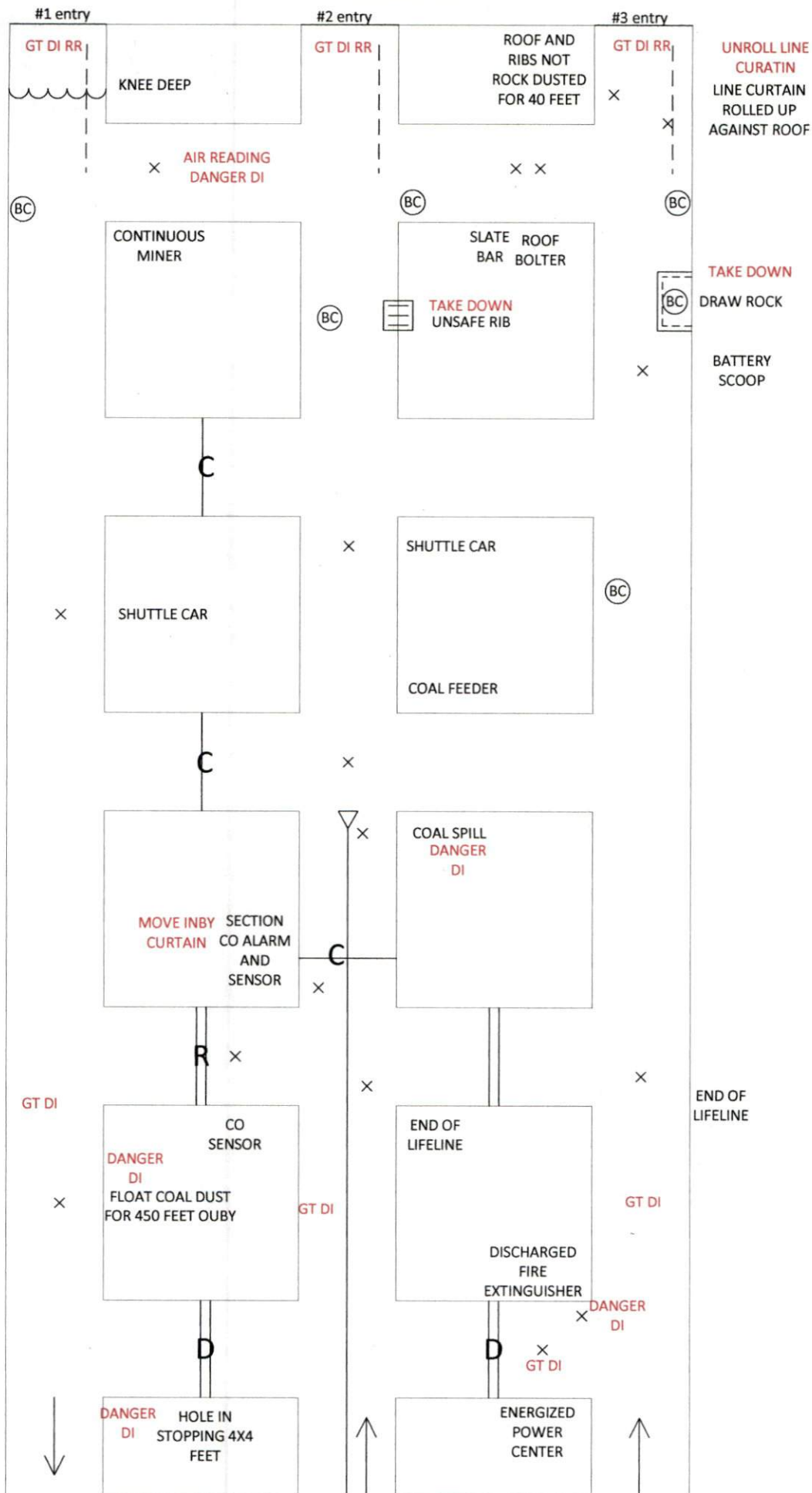
LAST OPEN CROSS CUT BETWEEN 1 & 2 ENTRIES

	<u>YES</u>	<u>NO</u>	<u>RULE</u>
(1) DID CONTESTANT TAKE AIR READING	—	— *	9
(2) DID CONTESTANT TAKE PROPER AIR READING	—	— *	8
(3) DID CONTESTANT VERBALLY IDENTIFY NOT ENOUGH AIR	—	— *	7
(4) DID CONTESTANT DTI DANGER	—	— *	4

GENERAL RULES

	<u>YES</u>	<u>NO</u>	<u>RULE</u>
(1) DID CONTESTANT RUN	— *	—	13
(2) EXAM ALL ACCESSIBLE AREAS	—	— *	18
(3) COMPLY WITH GENERAL RULES	—	— *	19

2017 COVE LAKE PRE-SHIFT



5 FEET H

20 FEET W

143 LINEAR
FEET

Report Shall Be Signed When Finished

THIS RECORD TO BE MAINTAINED FOR ONE (1) YEAR