

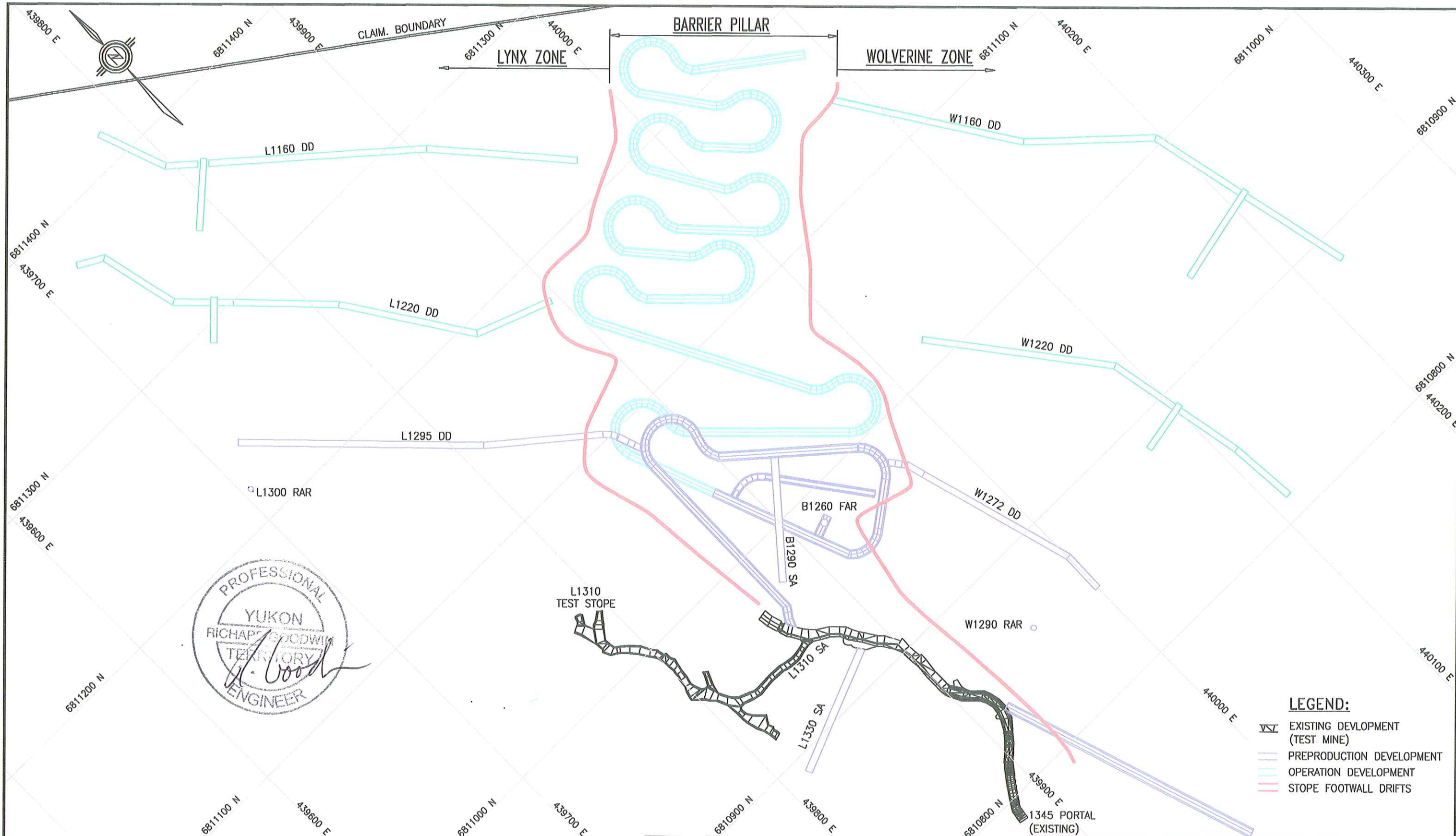
- LEGEND:**
- EXISTING DEVELOPMENT (TEST MINE)
  - PREPRODUCTION DEVELOPMENT
  - OPERATION DEVELOPMENT
  - STOPE FOOTWALL DRIFTS

**Yukon Zinc**  
CORPORATION

DESIGNED BY	RMO
DWG. CHECK	RMG
DRAWN BY	RMO FEB 10, 06
SCALE:	1:2000
PROJECT NO.	1614

<b>WOLVERINE PROJECT</b>	
<b>WOLVERINE MINE</b>	
<b>DEVELOPMENT PLAN</b>	
(DIAMOND DRILL DRIFTS NOT SHOWN)	
DRAWING NO.	MO-X-001
REV.	A

REV.	REVISION DESCRIPTION	DATE	BY	APP'D



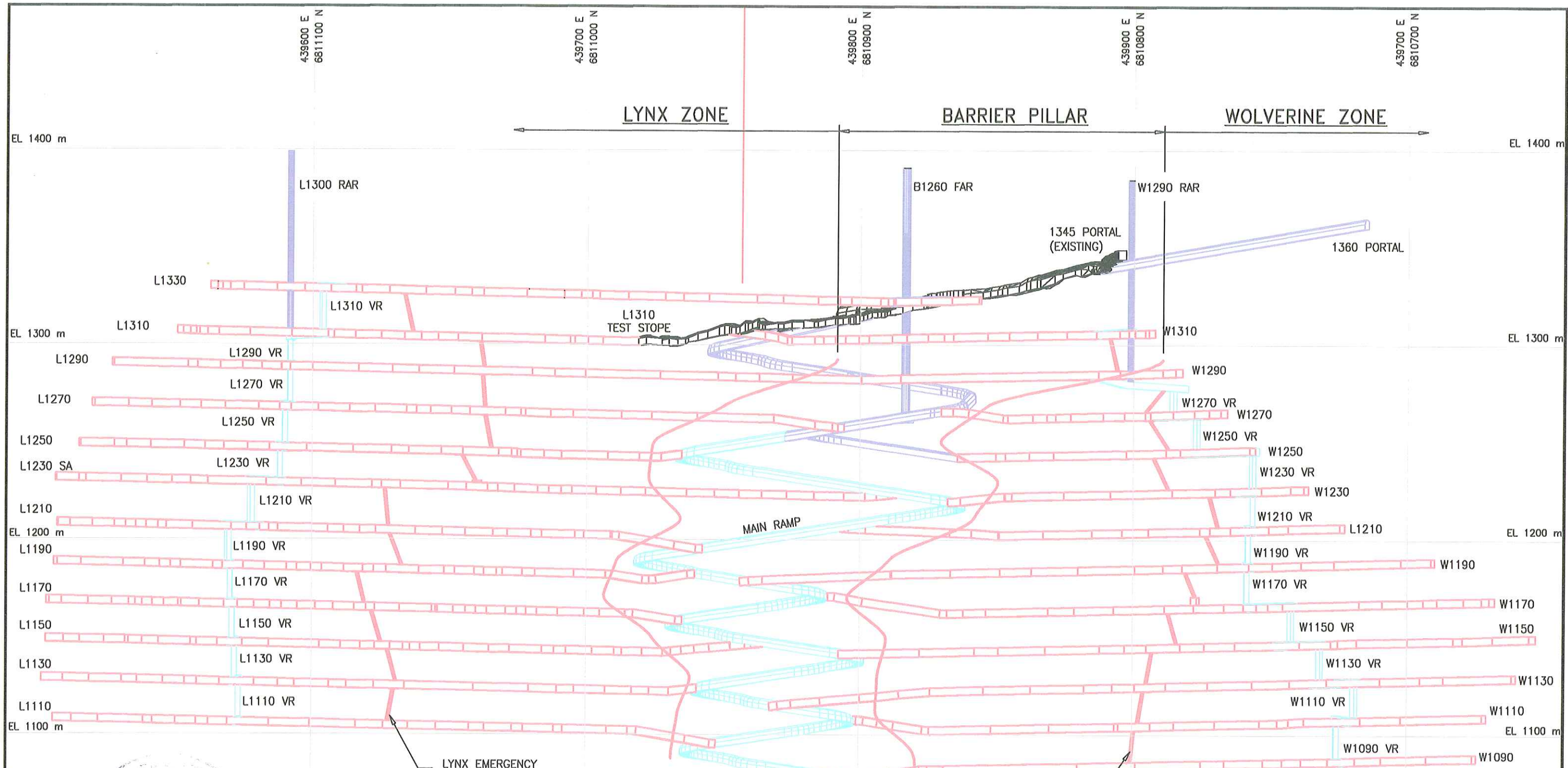
- LEGEND:**
- EXISTING DEVELOPMENT (TEST MINE)
  - PREPRODUCTION DEVELOPMENT
  - OPERATION DEVELOPMENT
  - STOPE FOOTWALL DRIFTS

**Yukon Zinc**  
CORPORATION

DESIGNED BY	RMO
DWG. CHECK	RMG
DRAWN BY	RMO FEB 10, 06
SCALE:	1:2000
PROJECT NO.	1614

WOLVERINE PROJECT	
WOLVERINE MINE DEVELOPMENT PLAN	
SHOWING RAMP AND DIAMOND DRILL DRIFTS	
DRAWING NO.	MO-X-002
REV.	A

REV.	REVISION DESCRIPTION	DATE	BY	APP'D

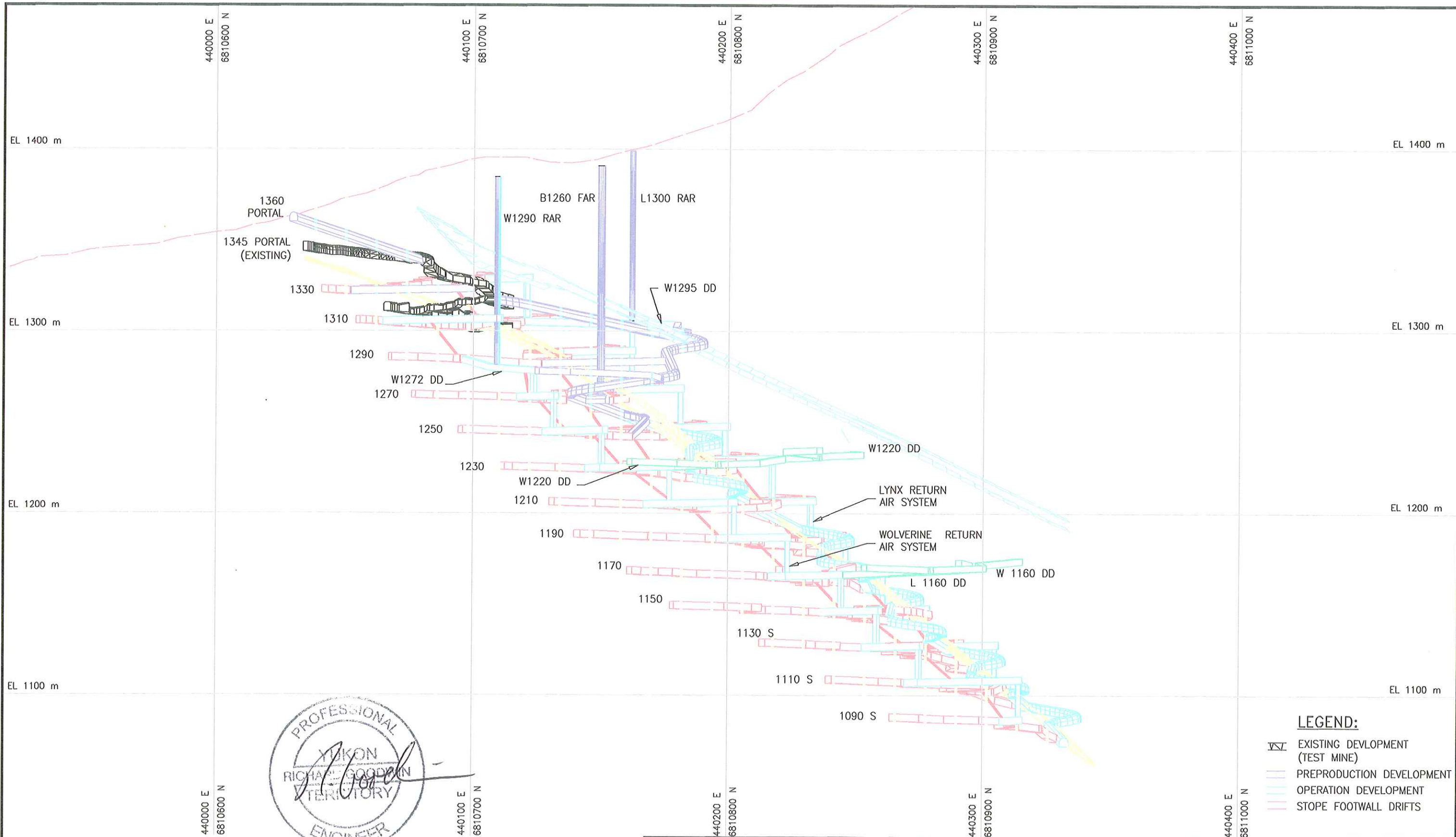


- LEGEND:**
- EXISTING DEVELOPMENT (TEST MINE)
  - PREPRODUCTION DEVELOPMENT
  - OPERATION DEVELOPMENT
  - STOPE FOOTWALL DRIFTS



REV.	REVISION DESCRIPTION	DATE	BY	APP'D

DESIGNED BY	RMO	<b>WOLVERINE PROJECT</b> <b>WOLVERINE MINE</b> <b>LONGITUDINAL PROJECTION LOOKING NORTH-EAST</b> <b>(DIAMOND DRILL DRIFTS NOT SHOWN)</b>
DWG. CHECK	RMG	
DRAWN BY	RMO	
SCALE:	1:2000	
PROJECT NO.	1614	
DRAWING NO.	MO-X-003	
REV.	A	

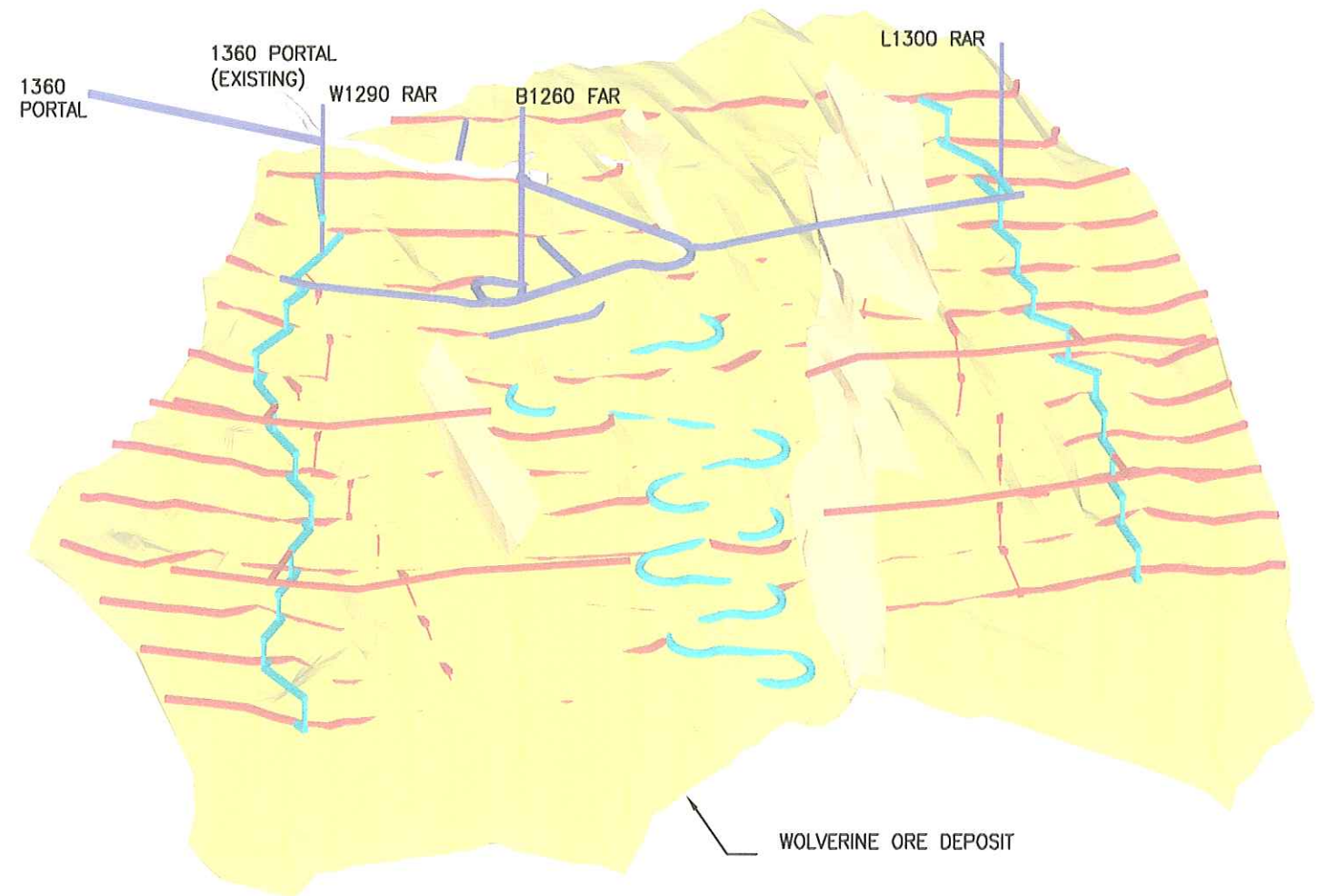
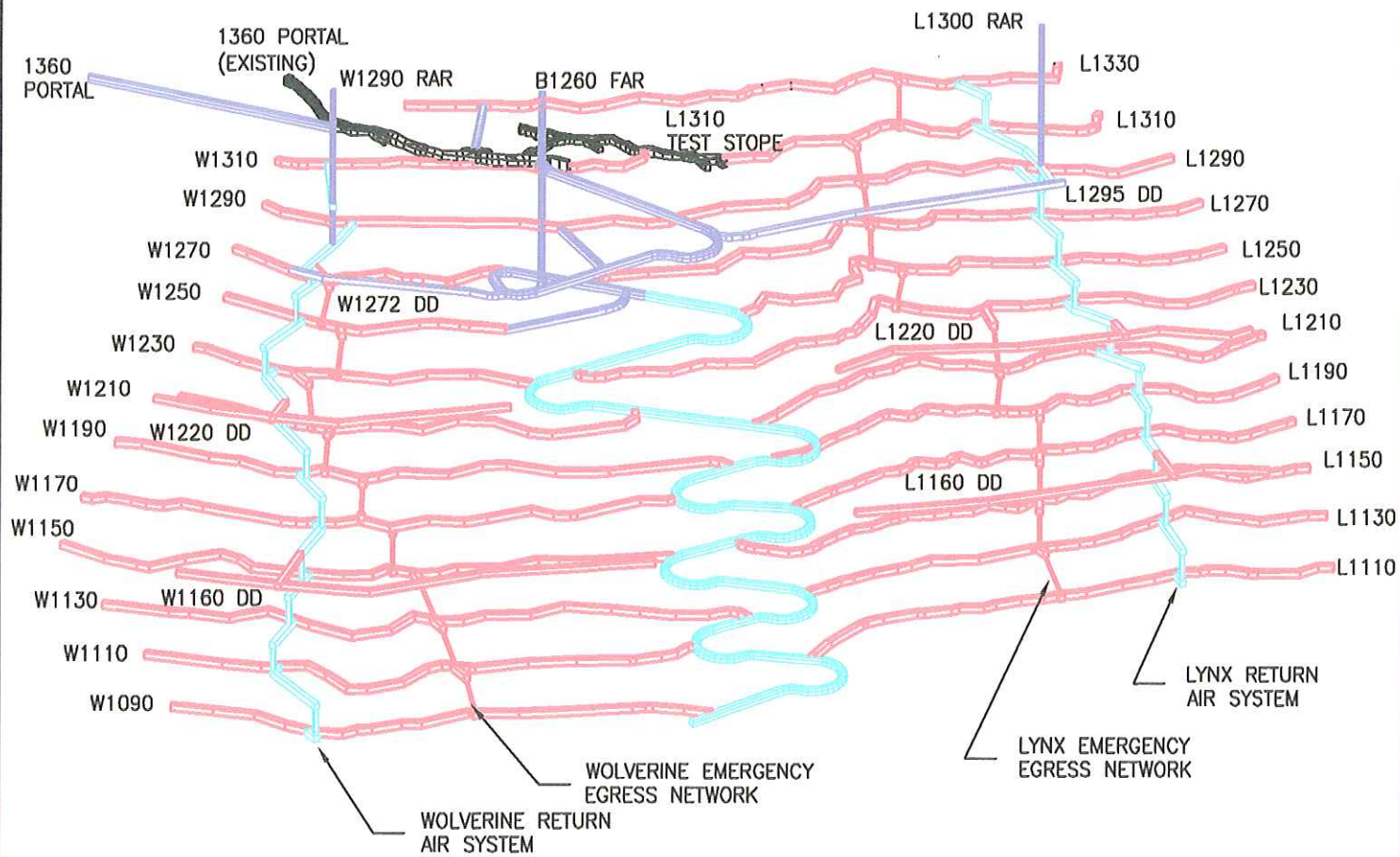


**Yukon Zinc**  
CORPORATION

DESIGNED BY	RMO
DWG. CHECK	RMG
DRAWN BY	RMO FEB 10, 06
SCALE:	1:2000
PROJECT NO.	1614

WOLVERINE PROJECT	
LIFE OF MINE	
ELEVATION LOOKING NORTHWEST	
DRAWING NO.	MO-X-004
REV.	A

REV.	REVISION DESCRIPTION	DATE	BY	APP'D



**LEGEND:**

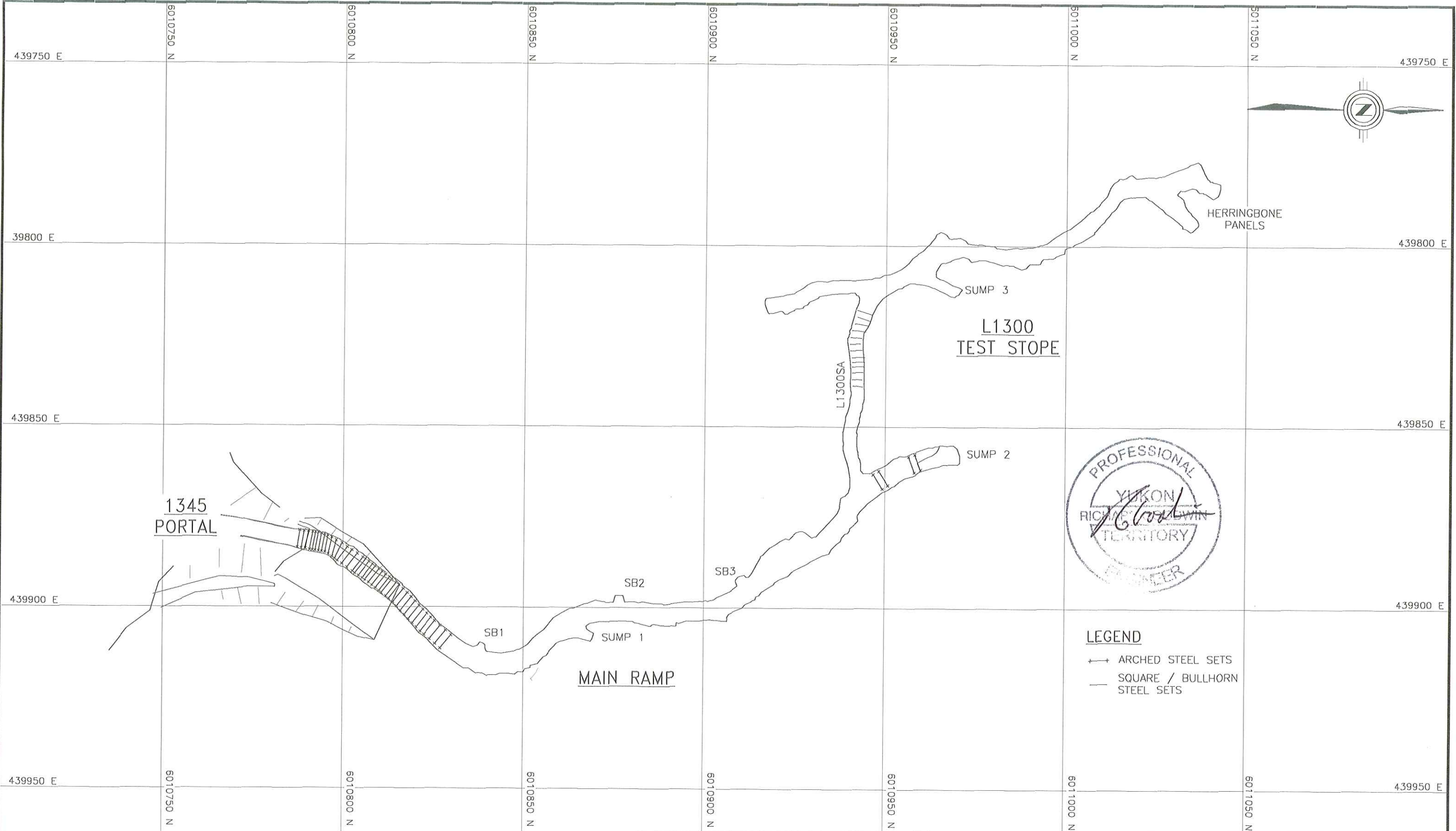
- EXISTING DEVELOPMENT (TEST MINE)
- PREPRODUCTION DEVELOPMENT
- OPERATION DEVELOPMENT
- STOPE FOOTWALL DRIFTS



**Yukon Zinc**  
CORPORATION

DESIGNED BY	RMO	WOLVERINE PROJECT	
DWG. CHECK	RMG	THREE DIMENSIONAL VIEW OF MINE DEVELOPMENT	
DRAWN BY	RMO		
SCALE:	NTS		
PROJECT NO.	1614	DRAWING NO.	M0-X-005
REV.		REV.	

REV.	REVISION DESCRIPTION	DATE	BY	APP'D



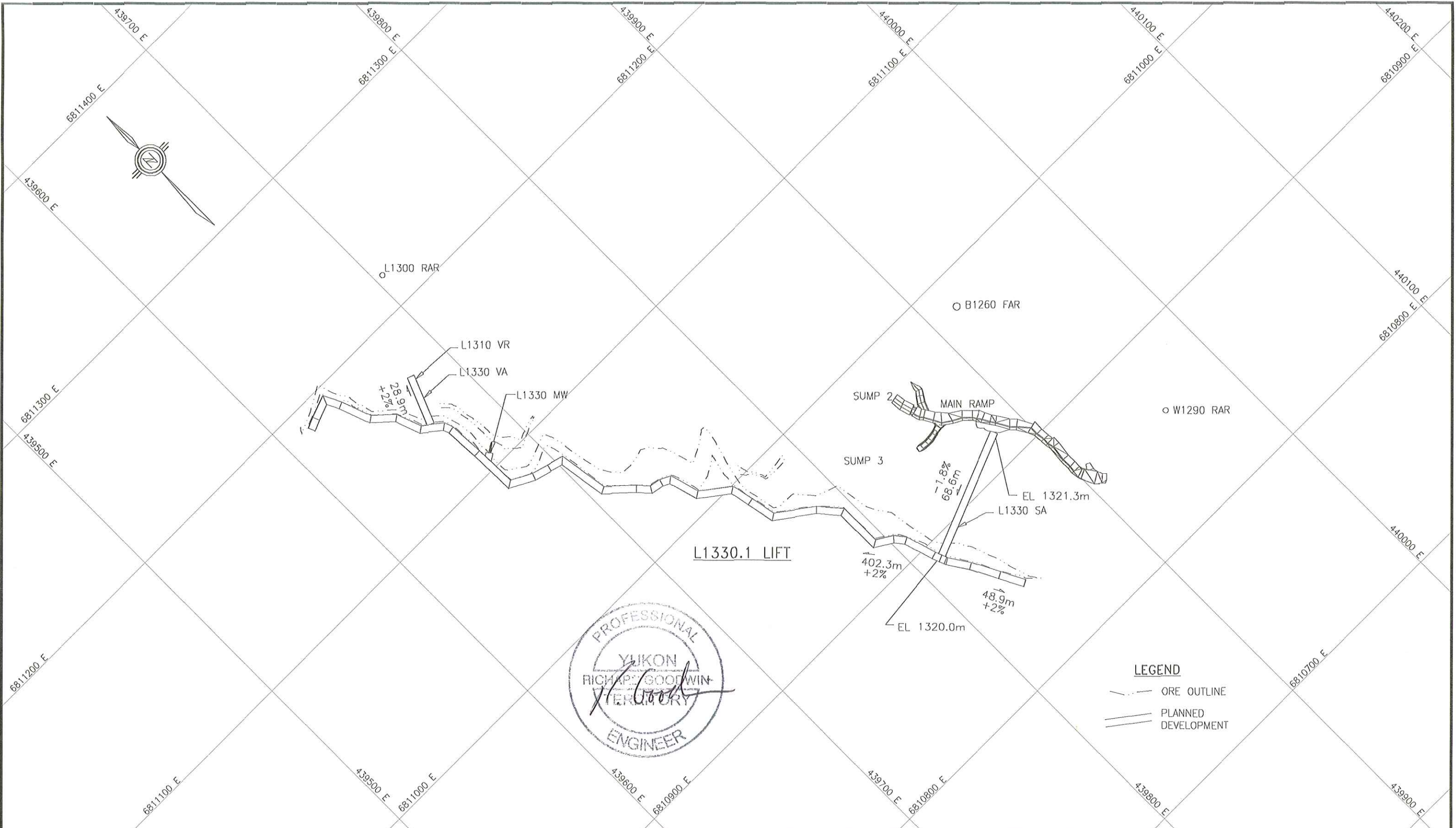
**LEGEND**  
 ↔ ARCHED STEEL SETS  
 — SQUARE / BULLHORN STEEL SETS

**Yukon Zinc**  
 CORPORATION

DESIGNED BY	RMO
DWG. CHECK	RMG
DRAWN BY	RMO 2005/11/15
SCALE:	1:1000
PROJECT NO.	1614

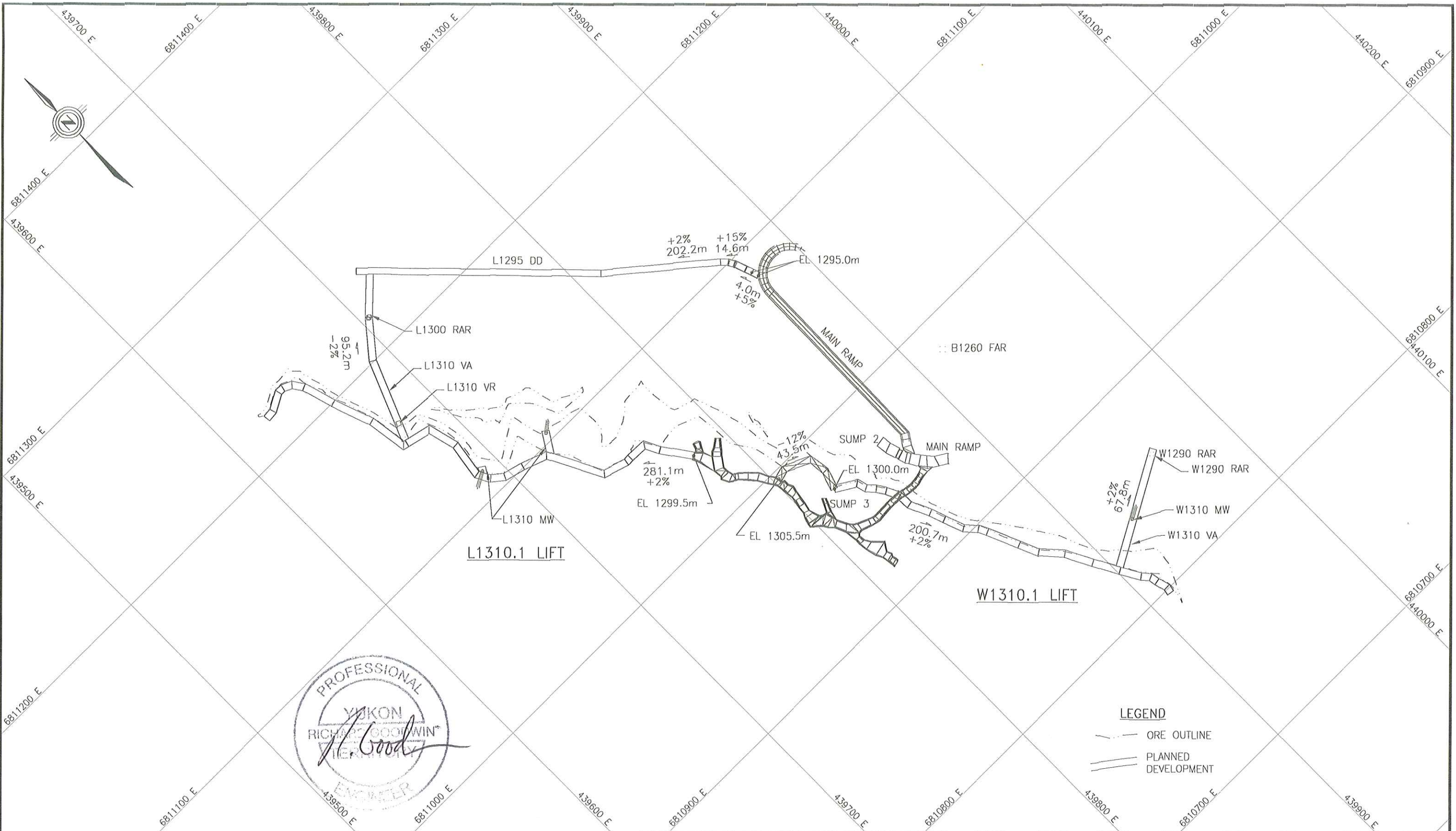
WOLVERINE PROJECT	
STATUS OF UNDERGROUND DEVELOPMENT END OF 2005 TEST MINING PROGRAM	
DRAWING NO.	MO-X-006
REV.	A

REV.	REVISION DESCRIPTION	DATE	BY	APP'D



**LEGEND**  
 - - - ORE OUTLINE  
 = = = PLANNED DEVELOPMENT

	DESIGNED BY	RMO	<b>WOLVERINE PROJECT</b> <b>MINE DEVELOPMENT</b> <b>1310m ELEVATION SHOWING</b> <b>L1330.1 STOPE LIFT</b>		
	DWG. CHECK	RMG			
	DRAWN BY	RMO	FEB 15, 06		
	SCALE:	1:2000			
	PROJECT NO.	1614		DRAWING NO.	
				M0-X-007	
REV.	REVISION DESCRIPTION	DATE	BY	APP'D	REV.



**LEGEND**  
 --- ORE OUTLINE  
 --- PLANNED DEVELOPMENT

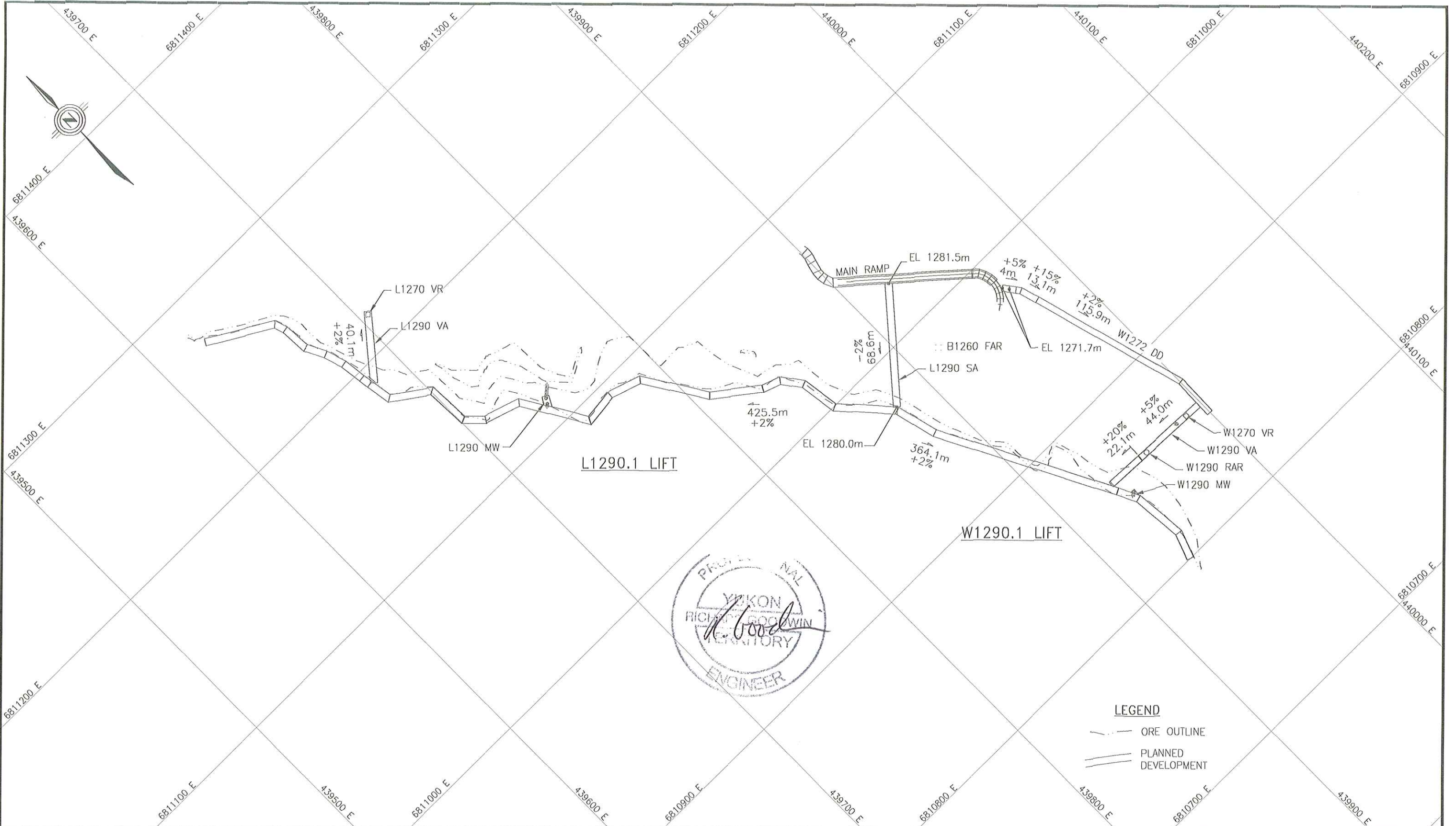
**Yukon Zinc**  
 CORPORATION

DESIGNED BY	RMO
DWG. CHECK	RMG
DRAWN BY	RMO FEB 15, 06
SCALE:	1:2000
PROJECT NO.	1614

WOLVERINE PROJECT	
MINE DEVELOPMENT	
1300m ELEVATION SHOWING	
1310.1 STOPE LIFTS AND L1295 DD DRIFT	
DRAWING NO.	M0-X-008
REV.	

REV.	REVISION DESCRIPTION	DATE	BY	APP'D





**LEGEND**

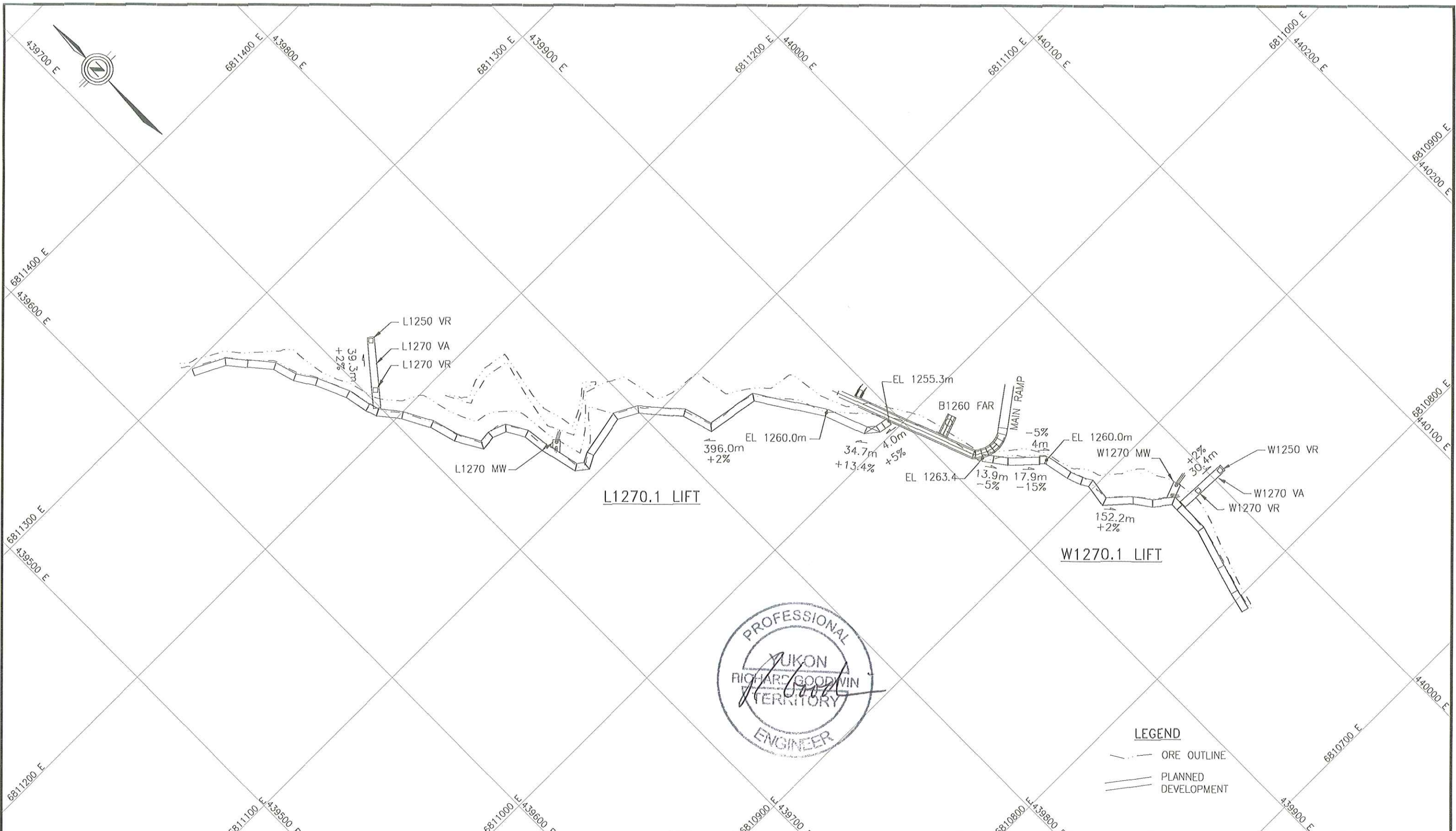
- ORE OUTLINE
- PLANNED DEVELOPMENT

REV.	REVISION DESCRIPTION	DATE	BY	APP'D

**Yukon Zinc**  
CORPORATION

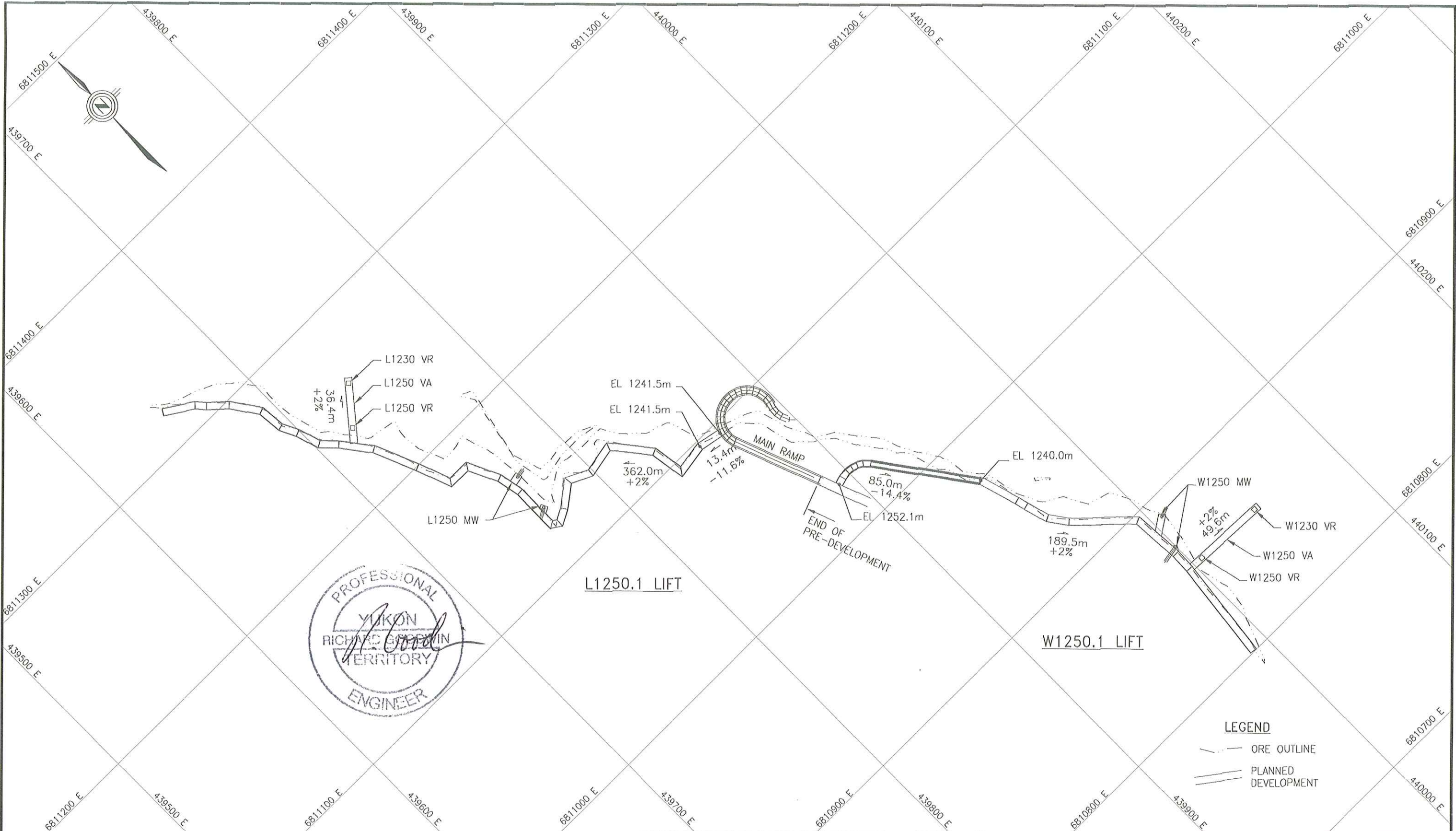
DESIGNED BY	RMO
DWG. CHECK	RMG
DRAWN BY	RMO FEB 15, 06
SCALE:	1:2000
PROJECT NO.	1614

WOLVERINE PROJECT	
MINE DEVELOPMENT	
1280m ELEVATION SHOWING	
1290.1 STOPE LIFTS AND W1272 DD DRIFT	
DRAWING NO.	M0-X-009
REV.	



**LEGEND**  
 - - - ORE OUTLINE  
 ——— PLANNED DEVELOPMENT

	DESIGNED BY	RMO		WOLVERINE PROJECT	
	DWG. CHECK	RMG		MINE DEVELOPMENT	
	DRAWN BY	RMO	FEB 15, 06	1260m ELEVATION SHOWING	
	SCALE:	1:2000		1270.1 STOPE LIFTS	
PROJECT NO.	1614		DRAWING NO.	M0-X-010	
REV.	REVISION DESCRIPTION	DATE	BY	APP'D	REV.

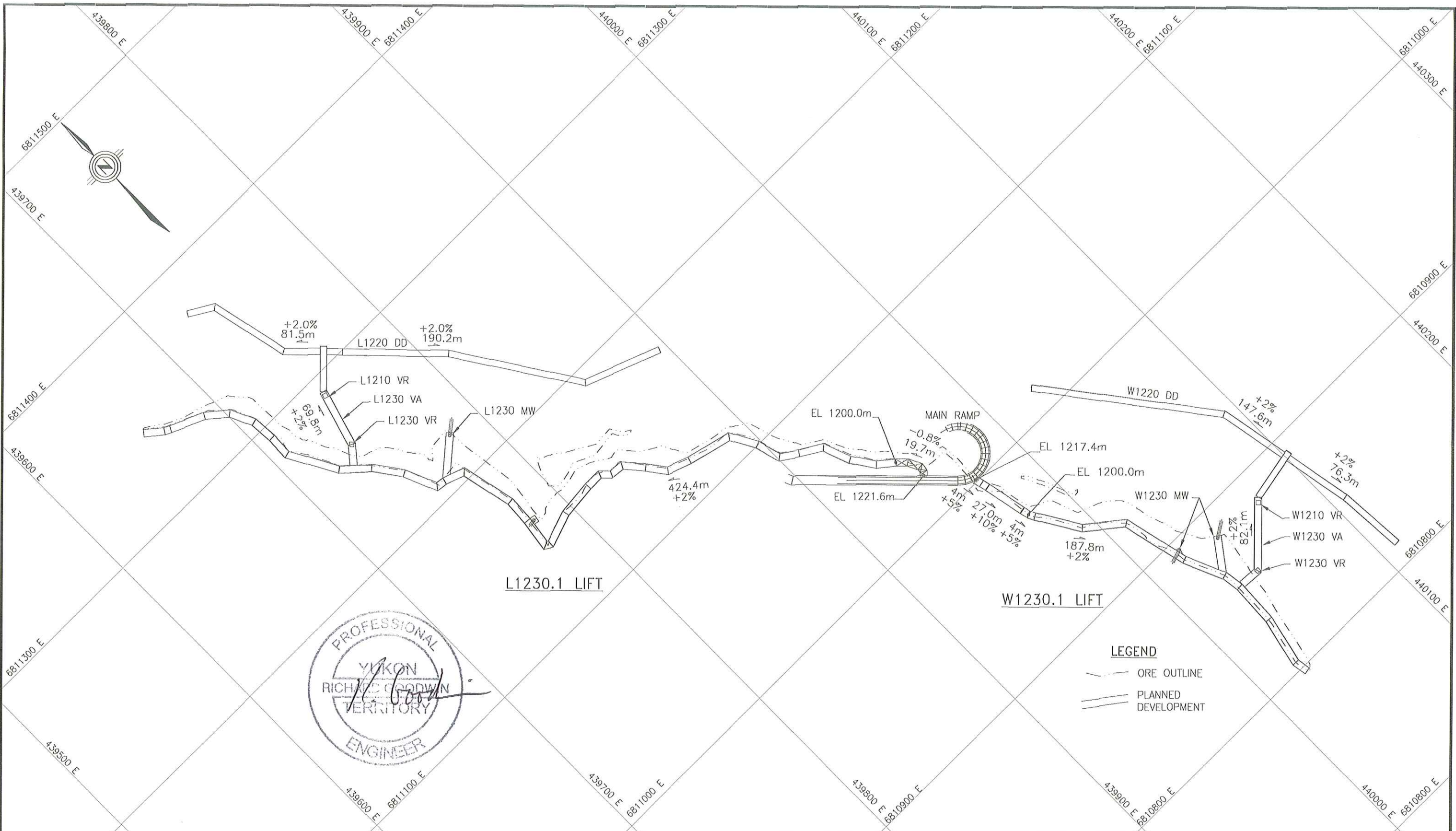


L1250.1 LIFT

W1250.1 LIFT

**LEGEND**  
 - - - ORE OUTLINE  
 — — — PLANNED DEVELOPMENT

		DESIGNED BY	RMO	<b>WOLVERINE PROJECT</b> <b>MINE DEVELOPMENT</b> <b>1240m ELEVATION SHOWING</b> <b>1250.1 STOPE LIFTS</b>	
		DWG. CHECK	RMG		
		DRAWN BY	RMO	FEB 15, 06	
		SCALE:	1:2000		
		PROJECT NO.	1614		DRAWING NO.
					M0-X-011
REV.	REVISION DESCRIPTION	DATE	BY	APP'D	REV.



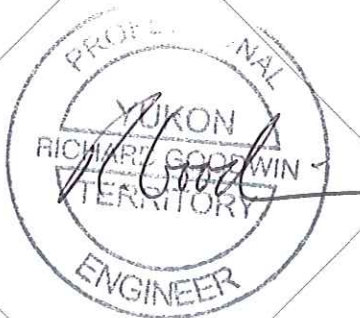
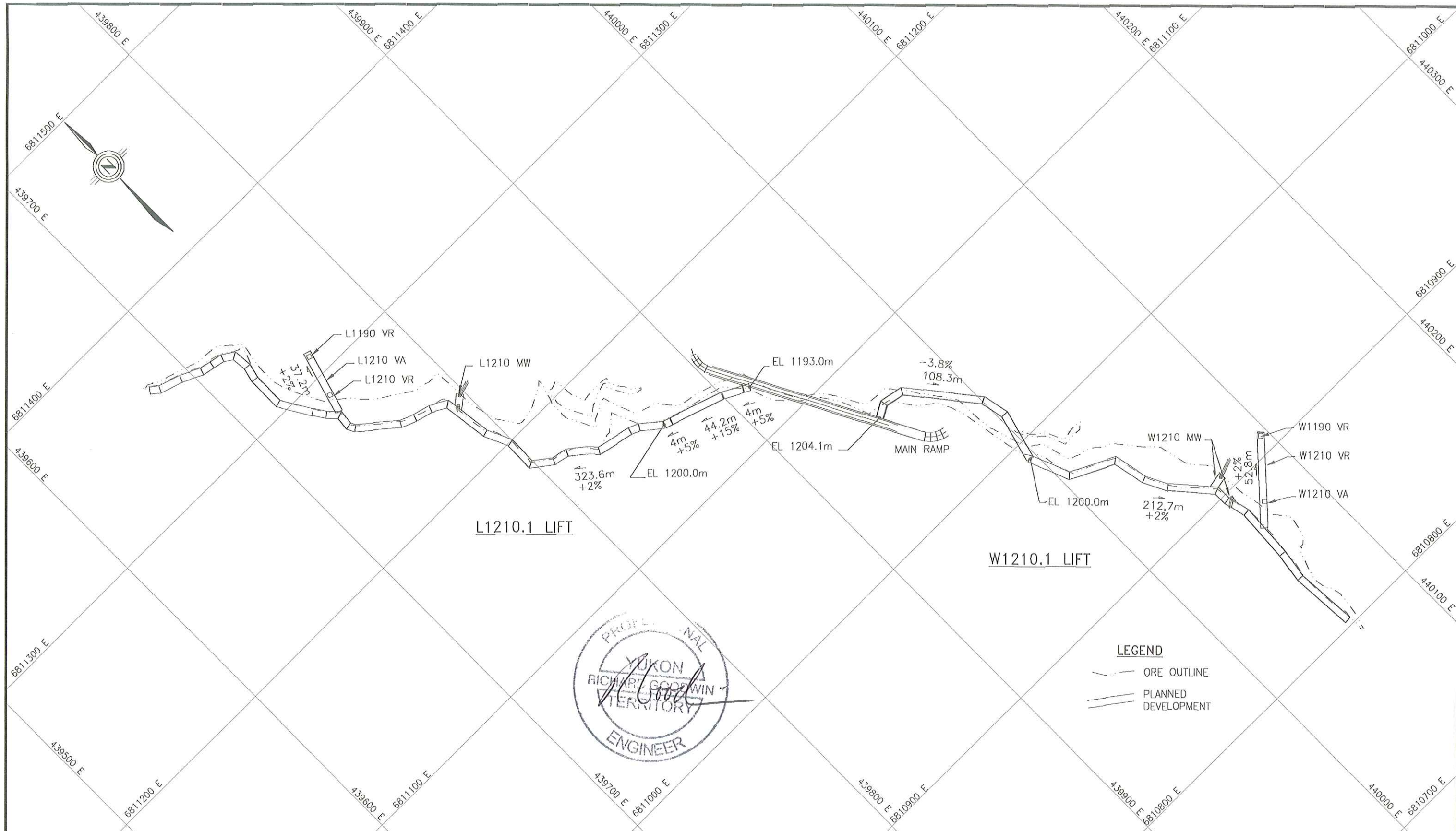
**LEGEND**  
 - - - ORE OUTLINE  
 ——— PLANNED DEVELOPMENT

**Yukon Zinc**  
 CORPORATION

DESIGNED BY	RMO	
DWG. CHECK	RMG	
DRAWN BY	RMO	FEB 15, 06
SCALE:	1:2000	
PROJECT NO.	1614	

WOLVERINE PROJECT		
MINE DEVELOPMENT		
1220m ELEVATION SHOWING		
1230.1 STOPE LIFTS AND 1220 DD DRIFTS		
DRAWING NO.	M0-X-012	REV.

REV.	REVISION DESCRIPTION	DATE	BY	APP'D



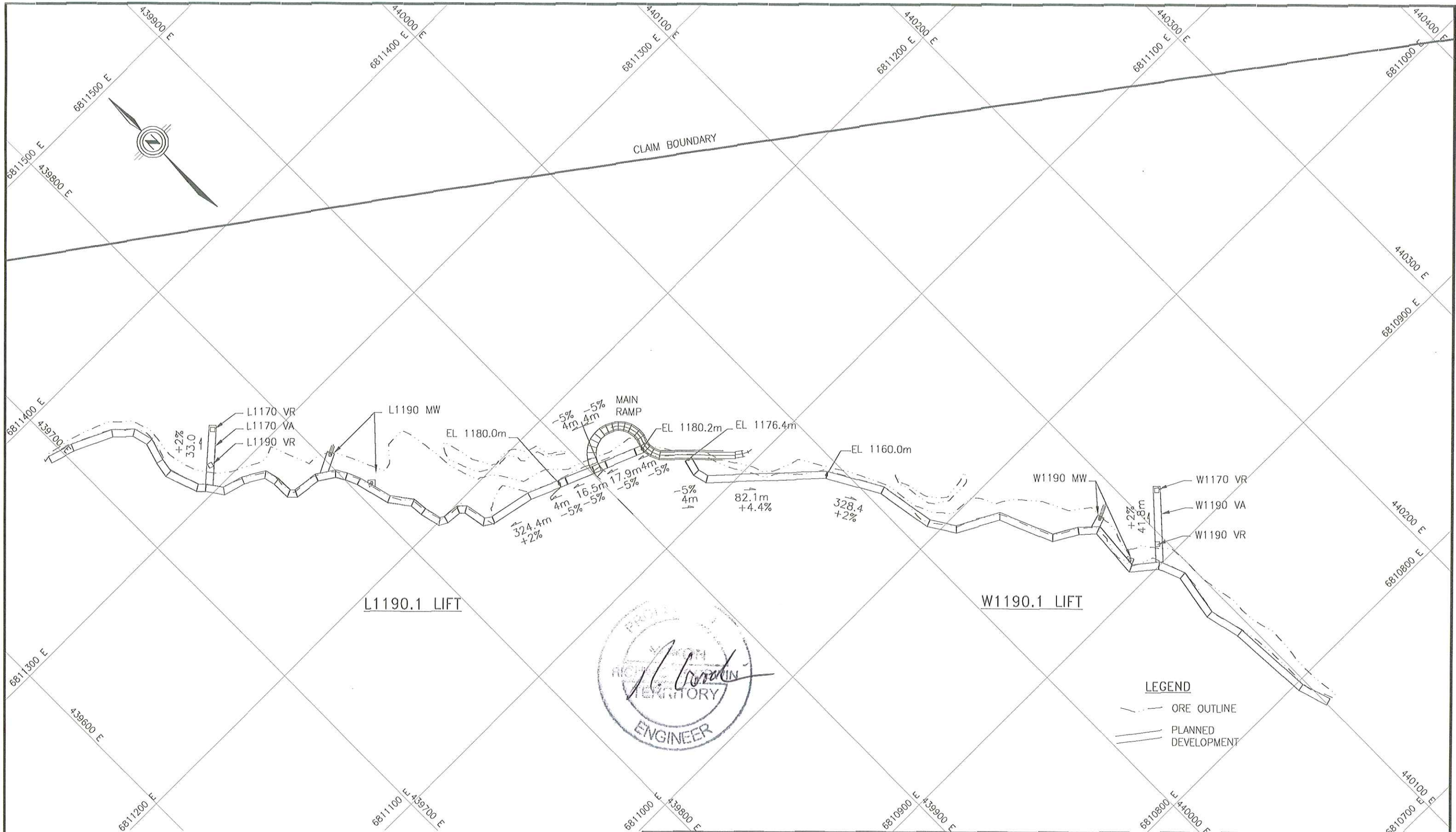
**LEGEND**  
 - - - ORE OUTLINE  
 ——— PLANNED DEVELOPMENT

REV.	REVISION DESCRIPTION	DATE	BY	APP'D

**Yukon Zinc**  
 CORPORATION

DESIGNED BY	RMO
DWG. CHECK	RMG
DRAWN BY	RMO FEB 15, 06
SCALE:	1:2000
PROJECT NO.	1614

WOLVERINE PROJECT	
MINE DEVELOPMENT	
1200m ELEVATION SHOWING	
1210.1 STOPE LIFTS	
DRAWING NO.	MO-X-013
REV.	

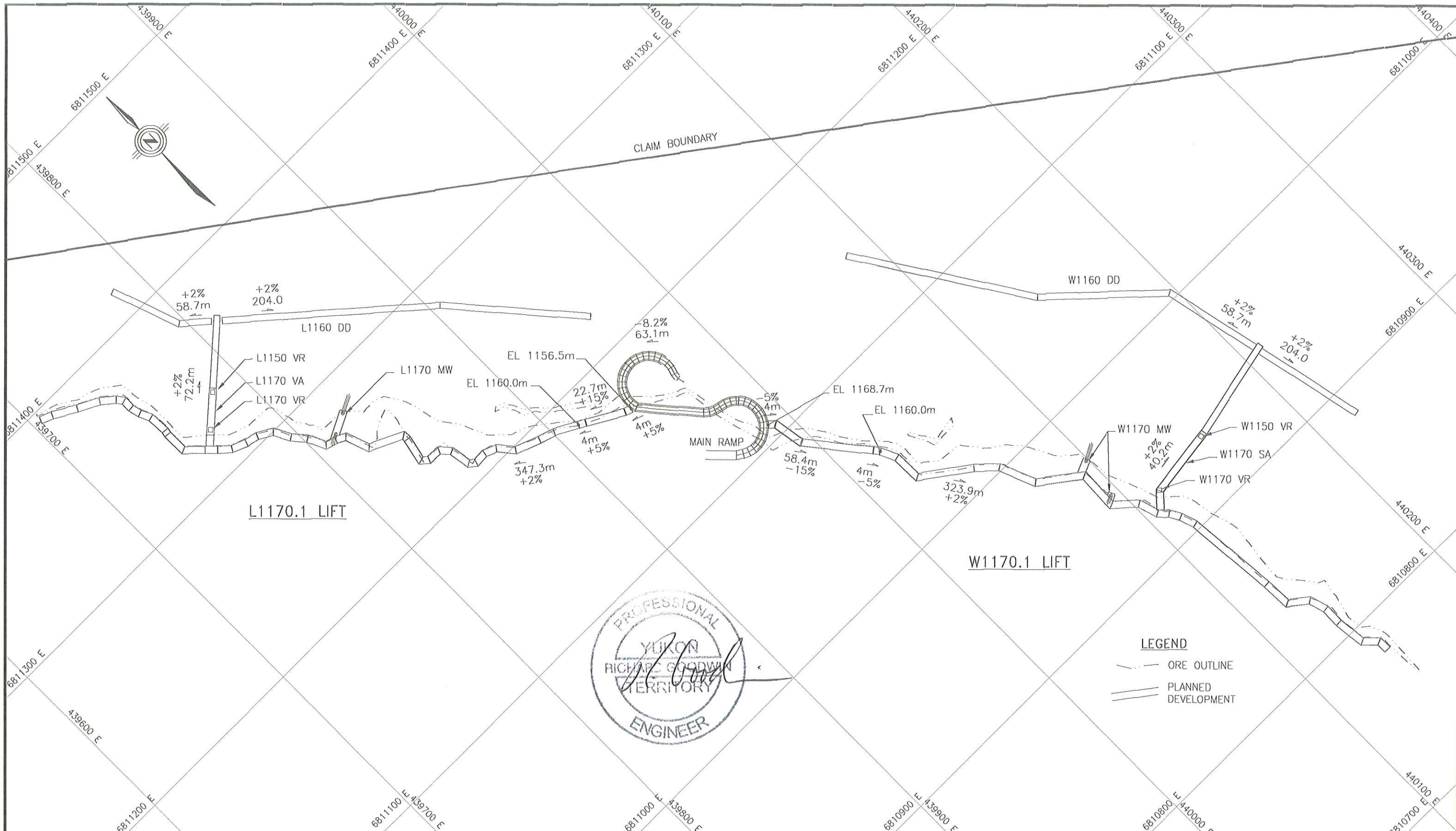


**Yukon Zinc**  
CORPORATION

DESIGNED BY	RMO
DWG. CHECK	RMG
DRAWN BY	RMO FEB 15, 06
SCALE:	1:2000
PROJECT NO.	1614

WOLVERINE PROJECT	
MINE DEVELOPMENT	
1180m ELEVATION SHOWING	
1190.1 STOPE LIFTS	
DRAWING NO.	MO-X-014
REV.	

REV.	REVISION DESCRIPTION	DATE	BY	APP'D



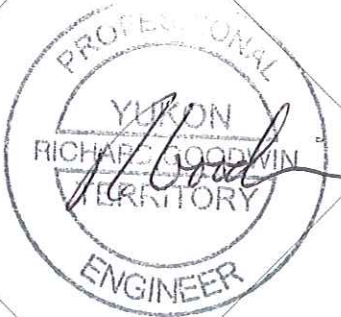
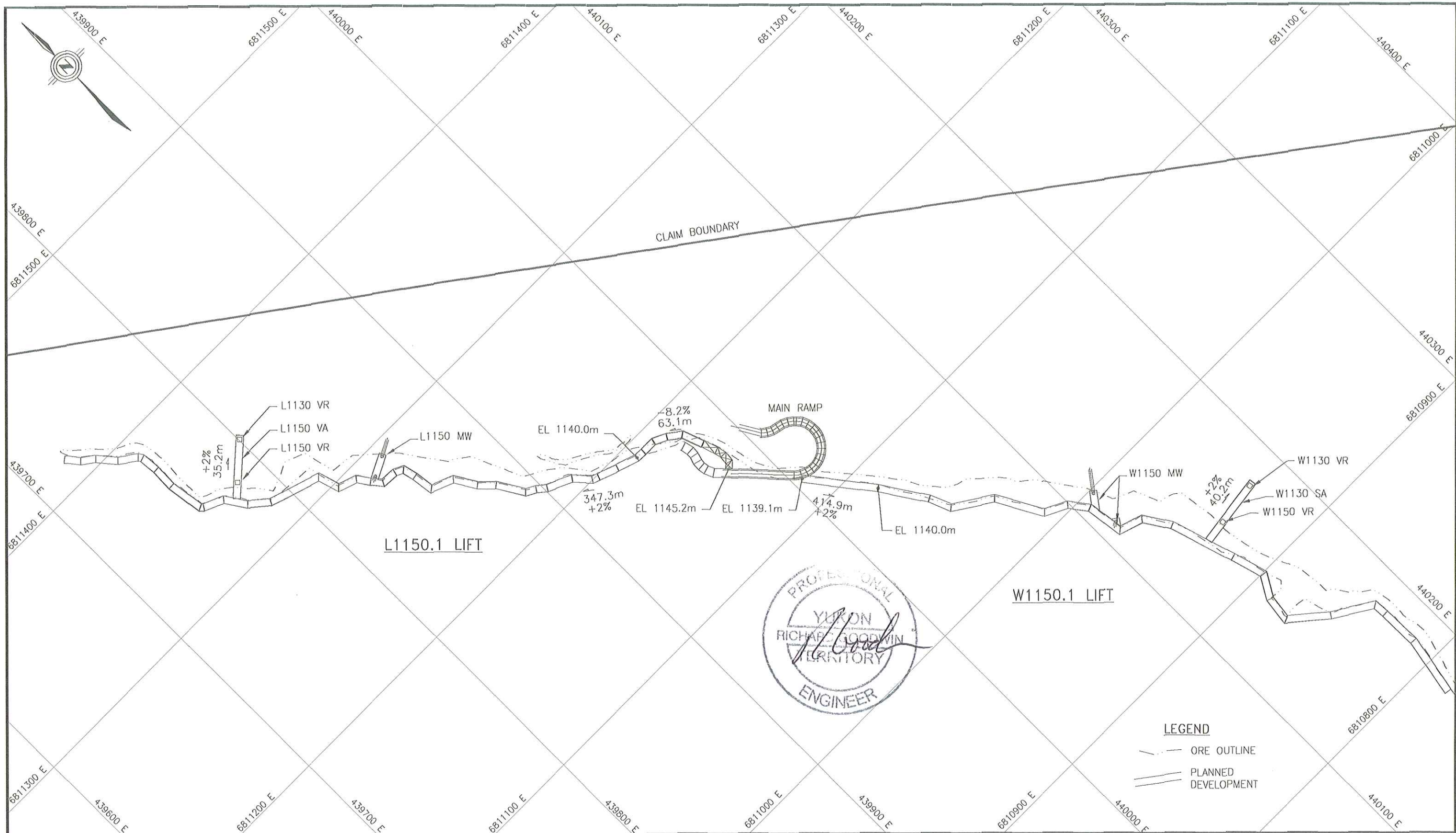
**LEGEND**  
 - - - ORE OUTLINE  
 ——— PLANNED DEVELOPMENT

**Yukon Zinc**  
 CORPORATION

DESIGNED BY	RMO
DWG. CHECK	RMG
DRAWN BY	RMO FEB 15, 06
SCALE:	1:2000
PROJECT NO.	1614

WOLVERINE PROJECT	
MINE DEVELOPMENT	
1160m ELEVATION SHOWING	
1170.1 STOPE LIFTS AND 1160 DD DRIFTS	
DRAWING NO.	MO-X-015
REV.	A

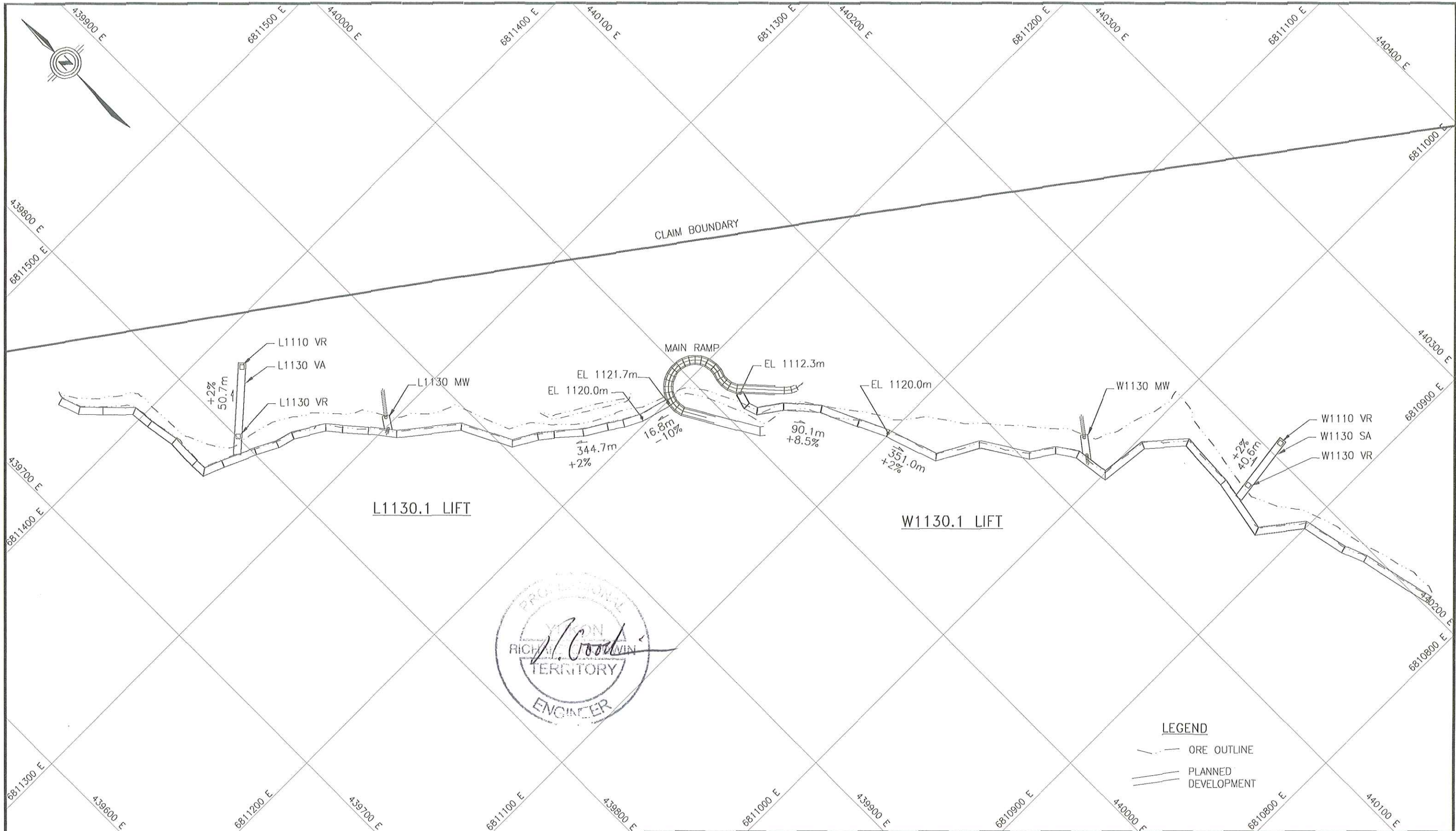
REV.	REVISION DESCRIPTION	DATE	BY	APP'D



**LEGEND**  
 - - - ORE OUTLINE  
 = = = PLANNED DEVELOPMENT

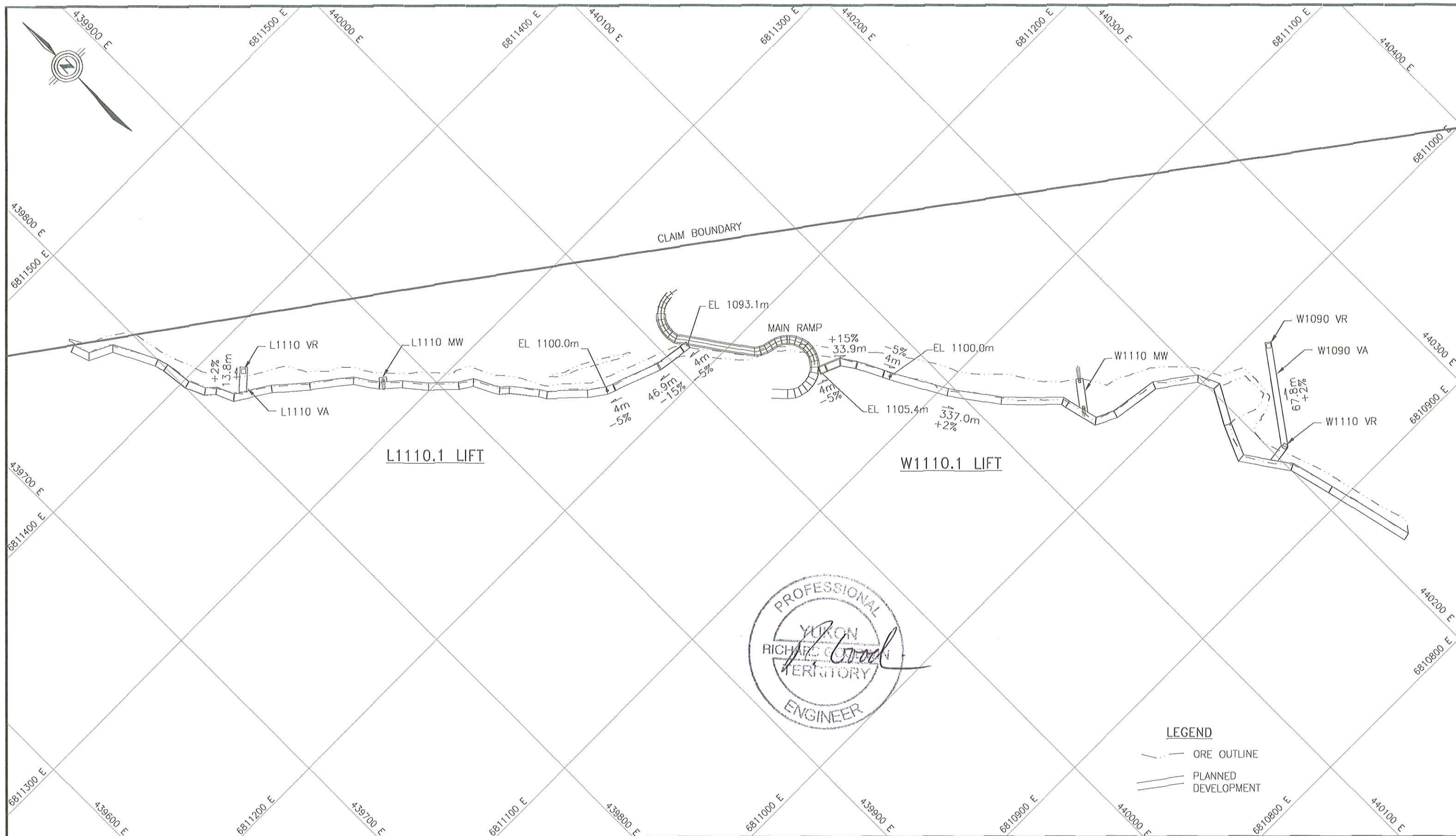
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		DWG. CHECK	RMG	MINE DEVELOPMENT	
		DRAWN BY	RMO	FEB 15, 06	1140m ELEVATION SHOWING
		SCALE:	1:2000		1150.1 STOPE LIFTS
		PROJECT NO.	1614		DRAWING NO.
					M0-X-016
REV.	REVISION DESCRIPTION	DATE	BY	APP'D	REV.





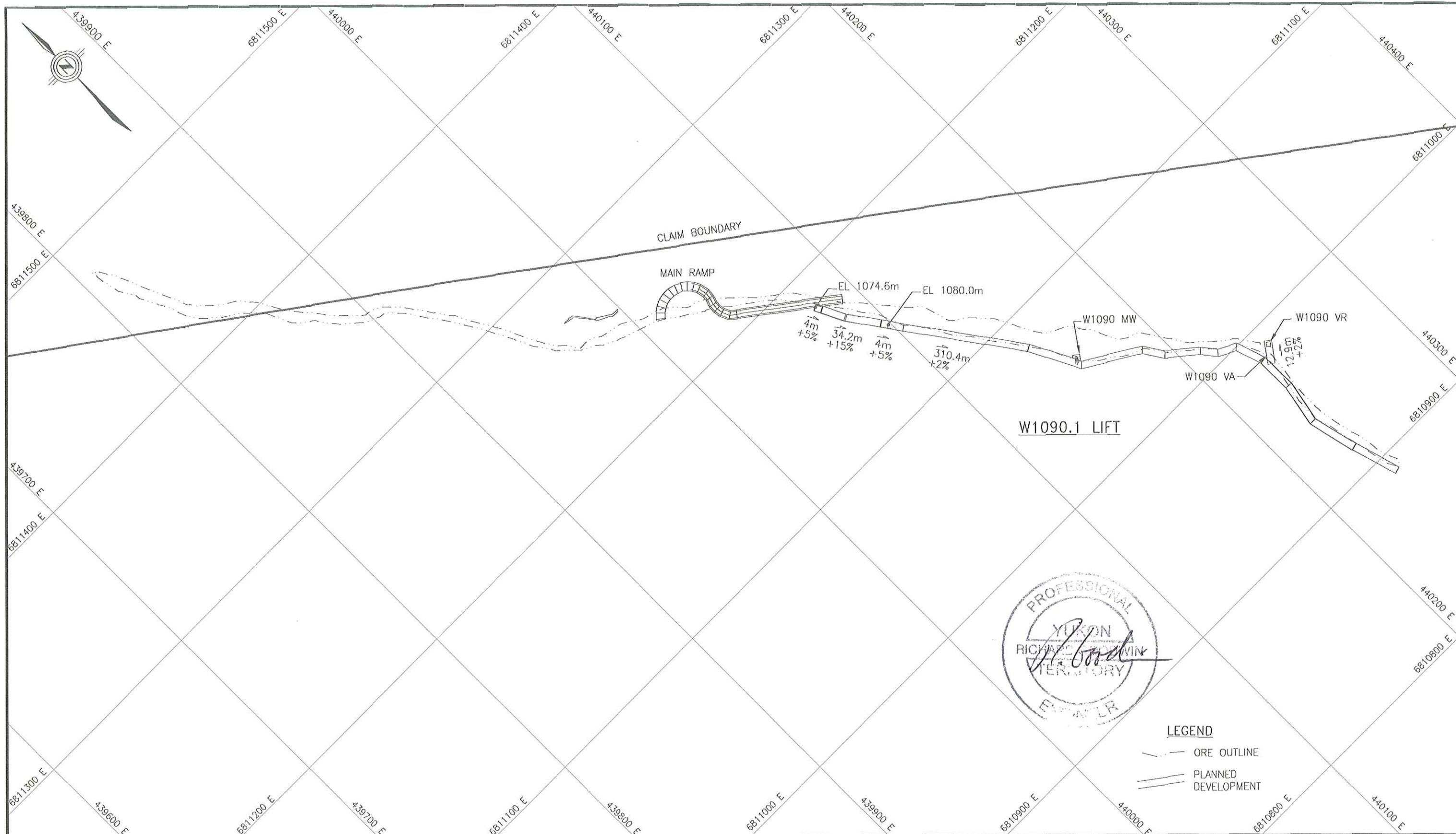
**LEGEND**  
 - - - ORE OUTLINE  
 ——— PLANNED DEVELOPMENT

	DESIGNED BY	RMO	<b>WOLVERINE PROJECT</b> <b>MINE DEVELOPMENT</b> <b>1120m ELEVATION SHOWING</b> <b>1130.1 STOPE LIFTS</b>		
	DWG. CHECK	RMG			
	DRAWN BY	RMO	FEB 15, 06		
	SCALE:	1:2000			
PROJECT NO.	1614		DRAWING NO.	M0-X-017	
REV.	REVISION DESCRIPTION	DATE	BY	APP'D	REV.



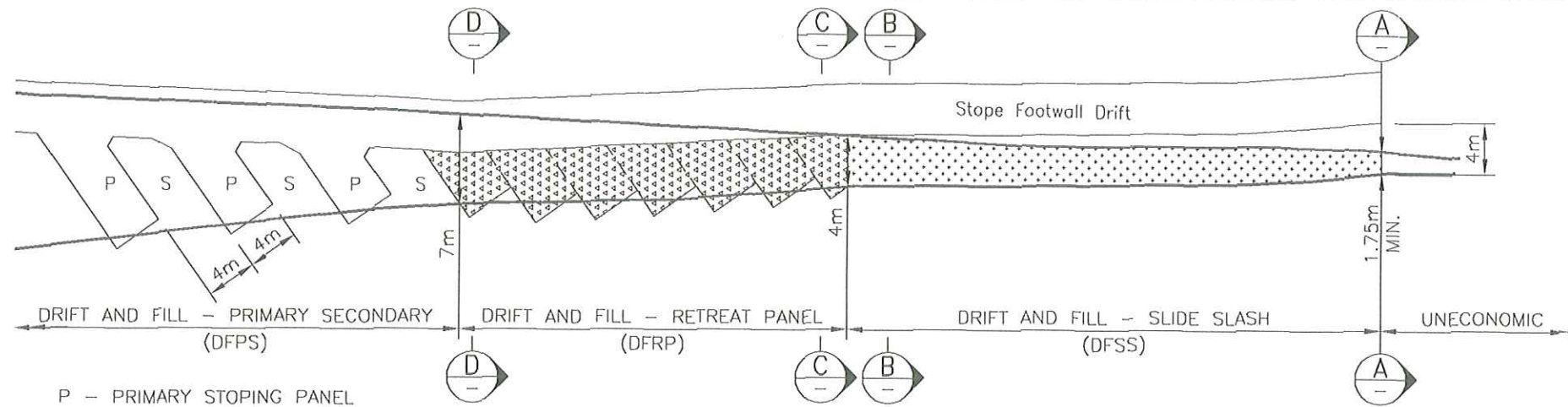
**LEGEND**  
 - - - ORE OUTLINE  
 = = = PLANNED DEVELOPMENT

<h1>Yukon Zinc</h1> <p>CORPORATION</p>	DESIGNED BY	RMO	<b>WOLVERINE PROJECT</b> <b>MINE DEVELOPMENT</b> <b>1100m ELEVATION SHOWING</b> <b>1110.1 STOPE LIFTS</b>		
	DWG. CHECK	RMG			
	DRAWN BY	RMO	FEB 15, 06		
	SCALE:	1:2000			
PROJECT NO.	1614		DRAWING NO.	M0-X-018	
REV.	REVISION DESCRIPTION	DATE	BY	APP'D	REV.



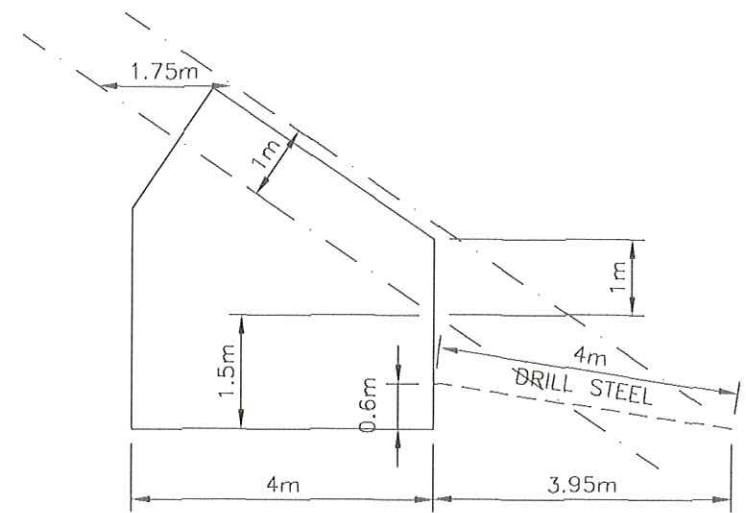
**LEGEND**  
 - - - ORE OUTLINE  
 = = = PLANNED DEVELOPMENT

	DESIGNED BY	RMO	<b>WOLVERINE PROJECT</b> <b>MINE DEVELOPMENT</b> <b>1080m ELEVATION SHOWING</b> <b>W1090.1 STOPE LIFT</b>		
	DWG. CHECK	RMG			
	DRAWN BY	RMO	FEB 15, 06		
	SCALE:	1:2000			
	PROJECT NO.	1614		DRAWING NO.	
				M0-X-019	
REV.	REVISION DESCRIPTION	DATE	BY	APP'D	REV.

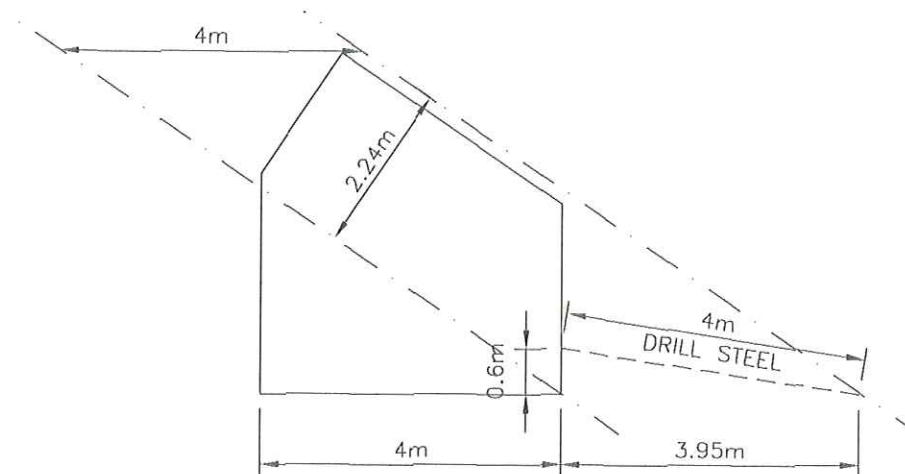


P - PRIMARY STOPPING PANEL  
S - SECONDARY STOPPING PANEL

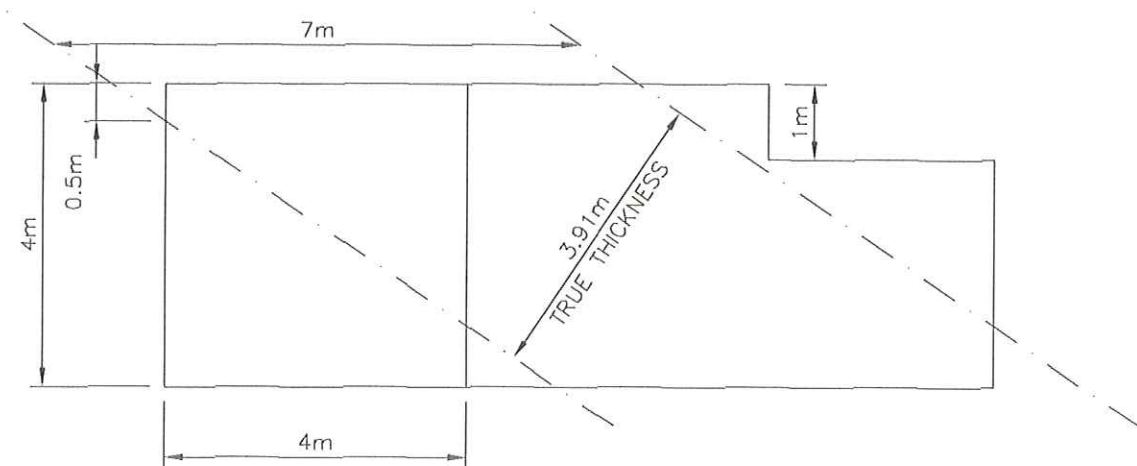
TYPICAL LEVEL  
SCALE: 1:500



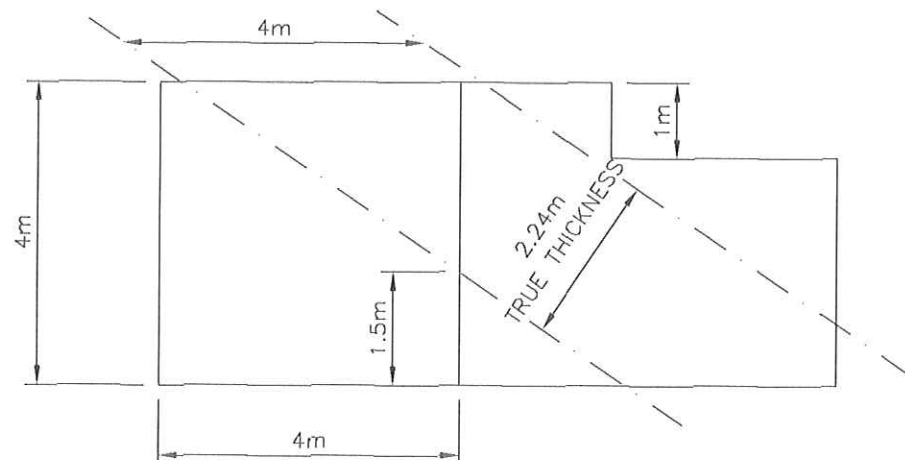
SECTION A-A  
DFSS AT MIN ORE THICKNESS



SECTION B-B  
DFSS AT MAX ORE THICKNESS



SECTION C-C  
DFRP AT MAX ORE THICKNESS



SECTION D-D  
DFRP AT MIN ORE THICKNESS



**Yukon Zinc**  
CORPORATION

DESIGNED BY: RMG  
DWG. CHECK: RMG  
DRAWN BY: RMO 01/05/06  
SCALE: 1:100  
PROJECT NO.: 1614

WOLVERINE MINE  
TYPICAL STOPPING LEVEL  
SHOWING MINING METHOD SECTIONS

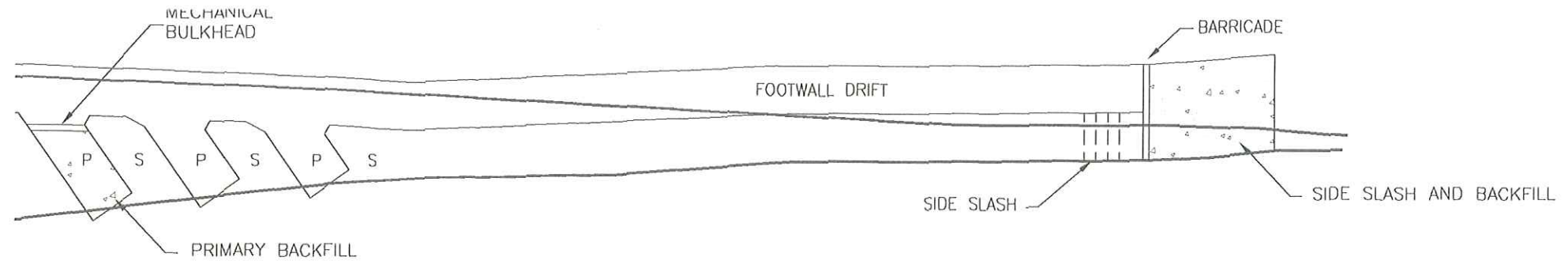
DRAWING NO.: MO-X-020

REV.	REVISION DESCRIPTION	DATE	BY	APP'D

DEVELOP FOOTWALL DRIFT  
SIMULTANEOUSLY MINING  
PRIMARY ROOMS

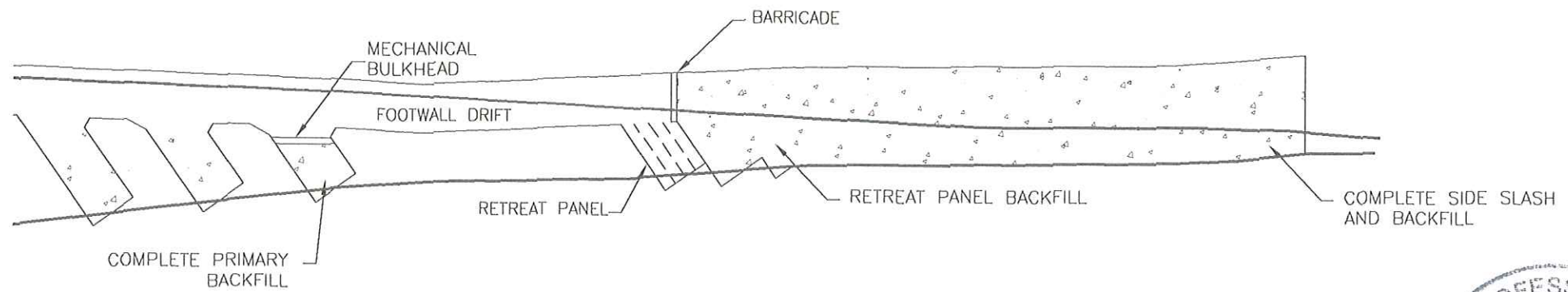


COMPLETE FOOTWALL DRIFT  
AND START SIDE SLASH MINING  
SIMULTANEOUSLY MINING AND  
BACKFILLING PRIMARY ROOMS

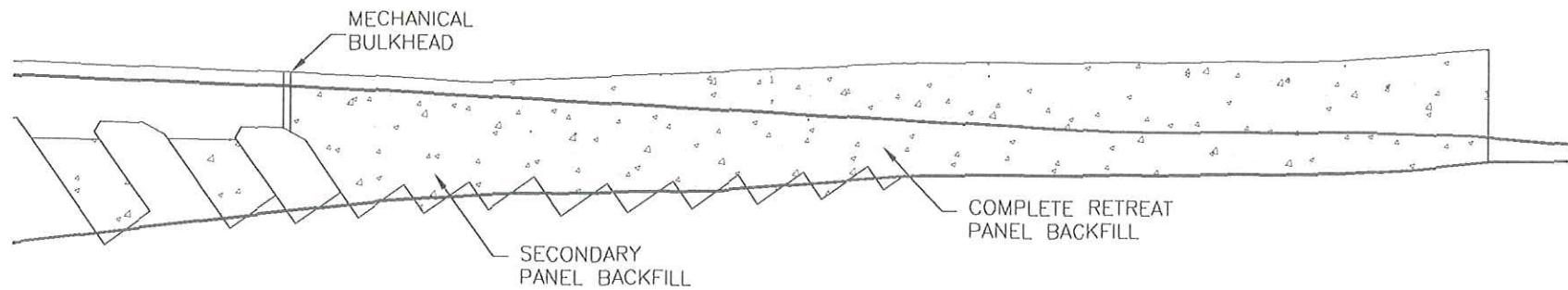


P - PRIMARY STOPPING PANEL  
S - SECONDARY STOPPING PANEL

COMPLETE SIDE SLASH MINING  
AND START RETREAT PANEL MINING  
FINISH MINING AND BACKFILLING  
PRIMARY ROOMS

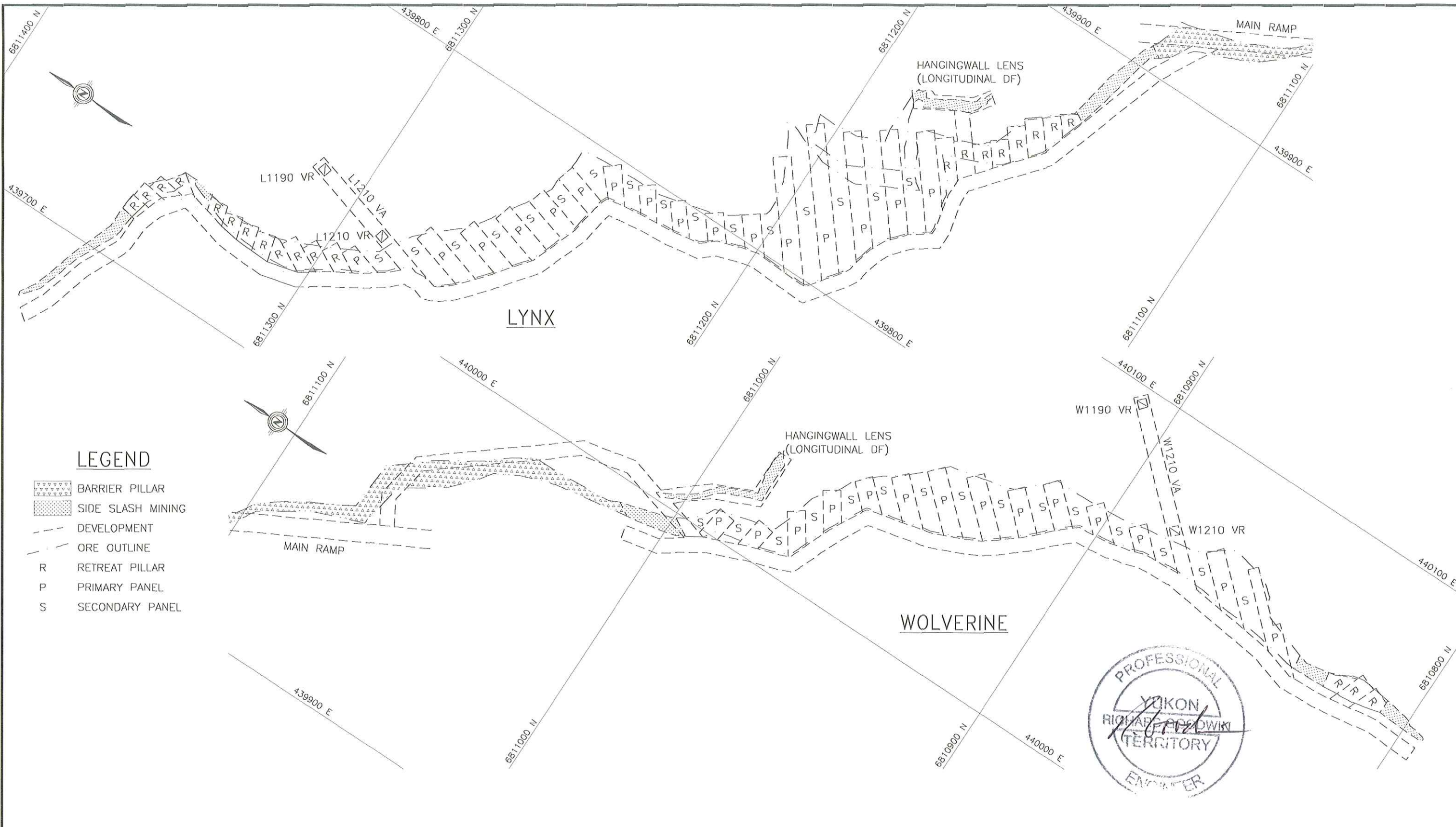


COMPLETE RETREAT PANEL MINING  
START MINING AND BACKFILLING  
SECONDARY ROOMS










REV.	REVISION DESCRIPTION	DATE	BY	APP'D

	DESIGNED BY	RMO		WOLVERINE MINE	
	DWG. CHECK	RMG		TYPICAL LEVEL STOPING SEQUENCE	
	DRAWN BY	RMO	01/05/06		
SCALE: 1:100					
PROJECT NO.			DRAWING NO.		REV.
1614			M0-X-021		



**LEGEND**

-  BARRIER PILLAR
-  SIDE SLASH MINING
-  DEVELOPMENT
-  ORE OUTLINE
-  R RETREAT PILLAR
-  P PRIMARY PANEL
-  S SECONDARY PANEL

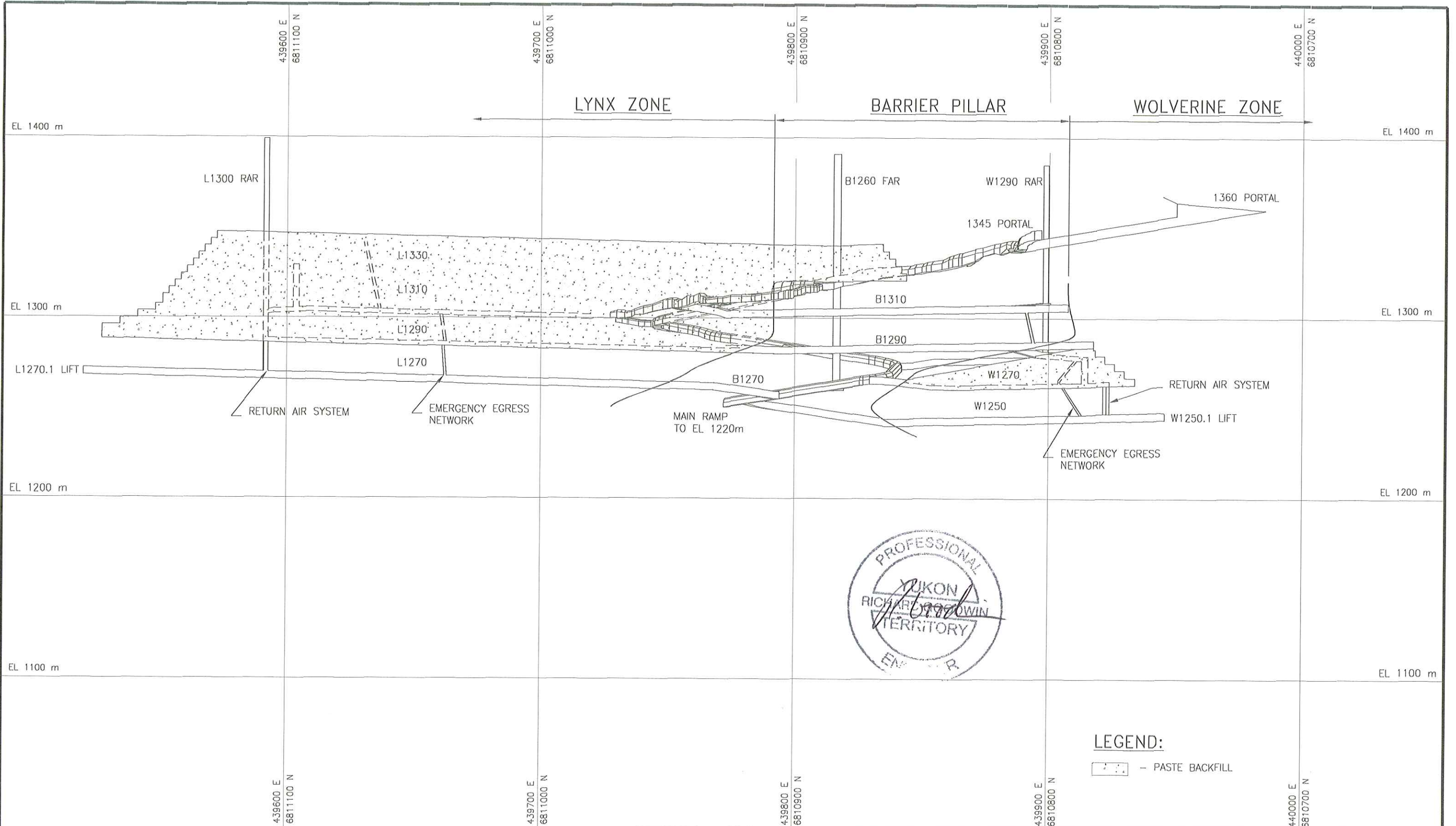


**Yukon Zinc**  
CORPORATION

DESIGNED BY	RMO	
DWG. CHECK	RMG	
DRAWN BY	RMO	02/07/06
SCALE:	1:1000	
PROJECT NO.	1614	

WOLVERINE PROJECT	
APPLICATION OF MINING METHODS TO 1210.1 STOPE LIFT	
DRAWING NO.	M0-X-022
REV.	

REV.	REVISION DESCRIPTION	DATE	BY	APP'D



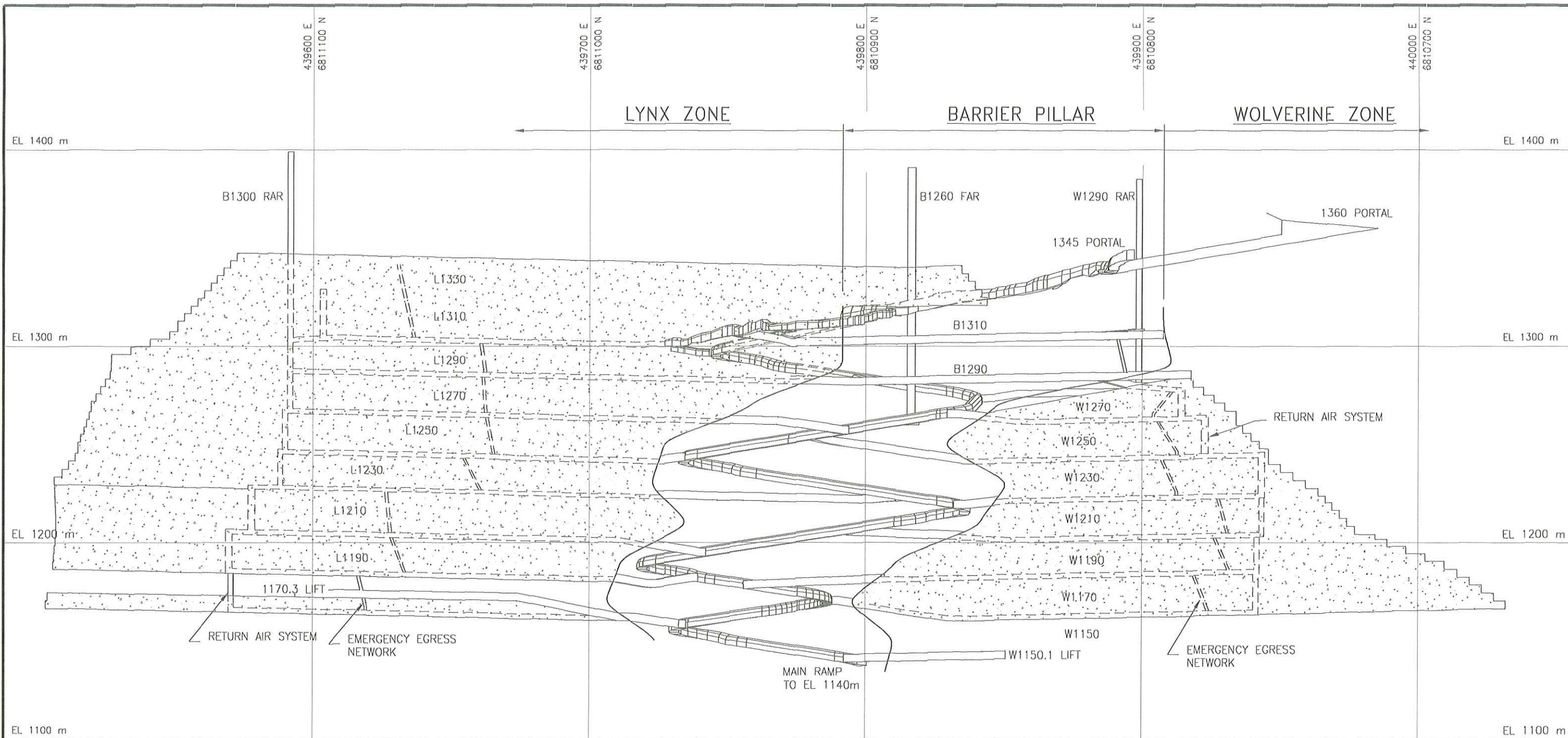
**LEGEND:**  
 - PASTE BACKFILL

**Yukon Zinc**  
 CORPORATION

DESIGNED BY	RMO
DWG. CHECK	RMG
DRAWN BY	RMO FEB 10, 06
SCALE:	1:2000
PROJECT NO.	1614

WOLVERINE PROJECT	
STATUS OF MINE END OF 2010	
DRAWING NO.	M0-X-023
REV.	

REV.	REVISION DESCRIPTION	DATE	BY	APP'D



**LEGEND:**  
 [Stippled Box] - PASTE BACKFILL

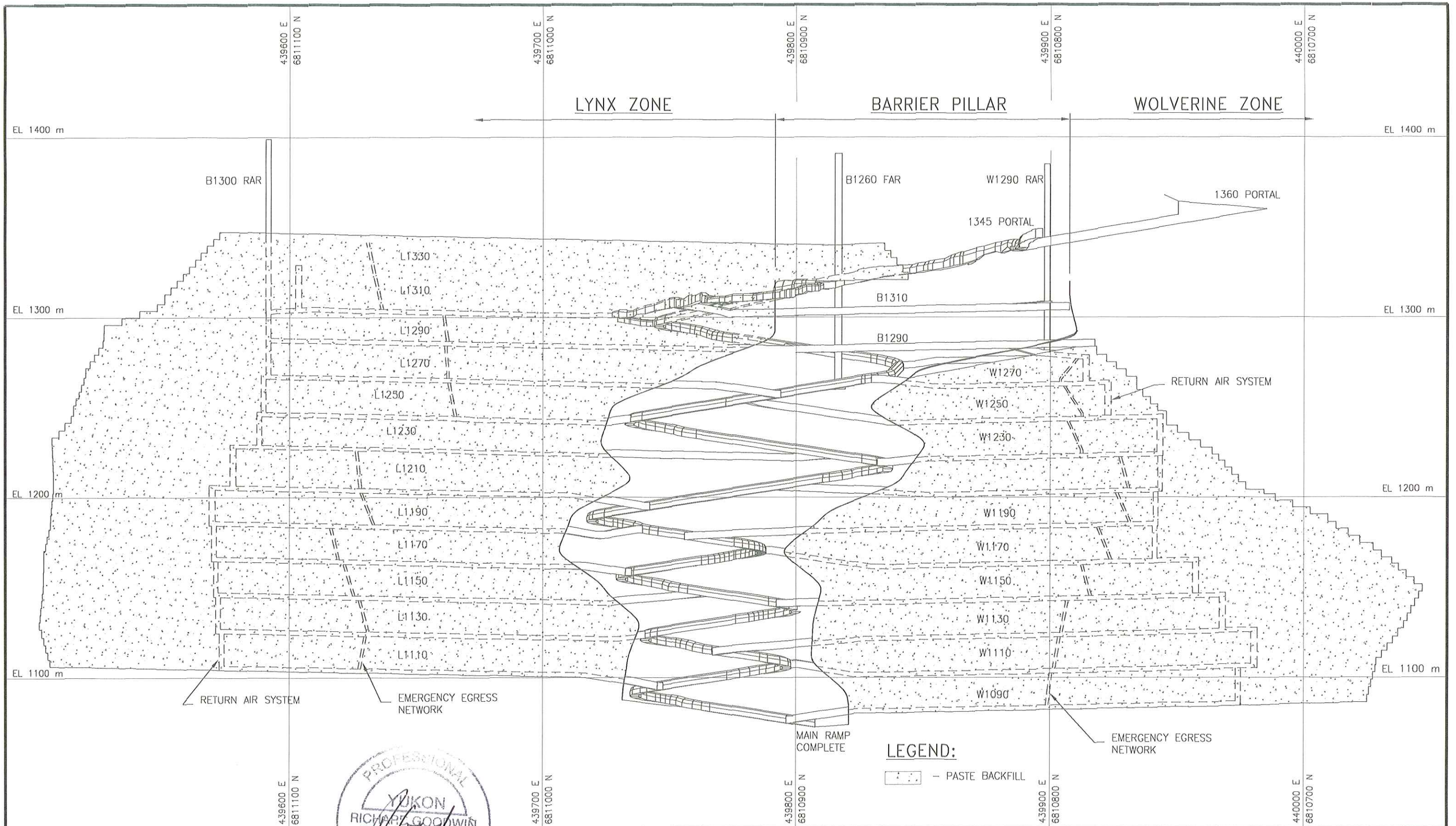


DESIGNED BY	RMO
DWG. CHECK	RMG
DRAWN BY	RMO DEC 10. -6
SCALE:	1:2000
PROJECT NO.	1614

WOLVERINE PROJECT	
STATUS OF MINE END OF 2015	
DRAWING NO.	MO-X-024
REV.	

REV.	REVISION DESCRIPTION	DATE	BY	APP'D





**Yukon Zinc**  
CORPORATION

**LEGEND:**

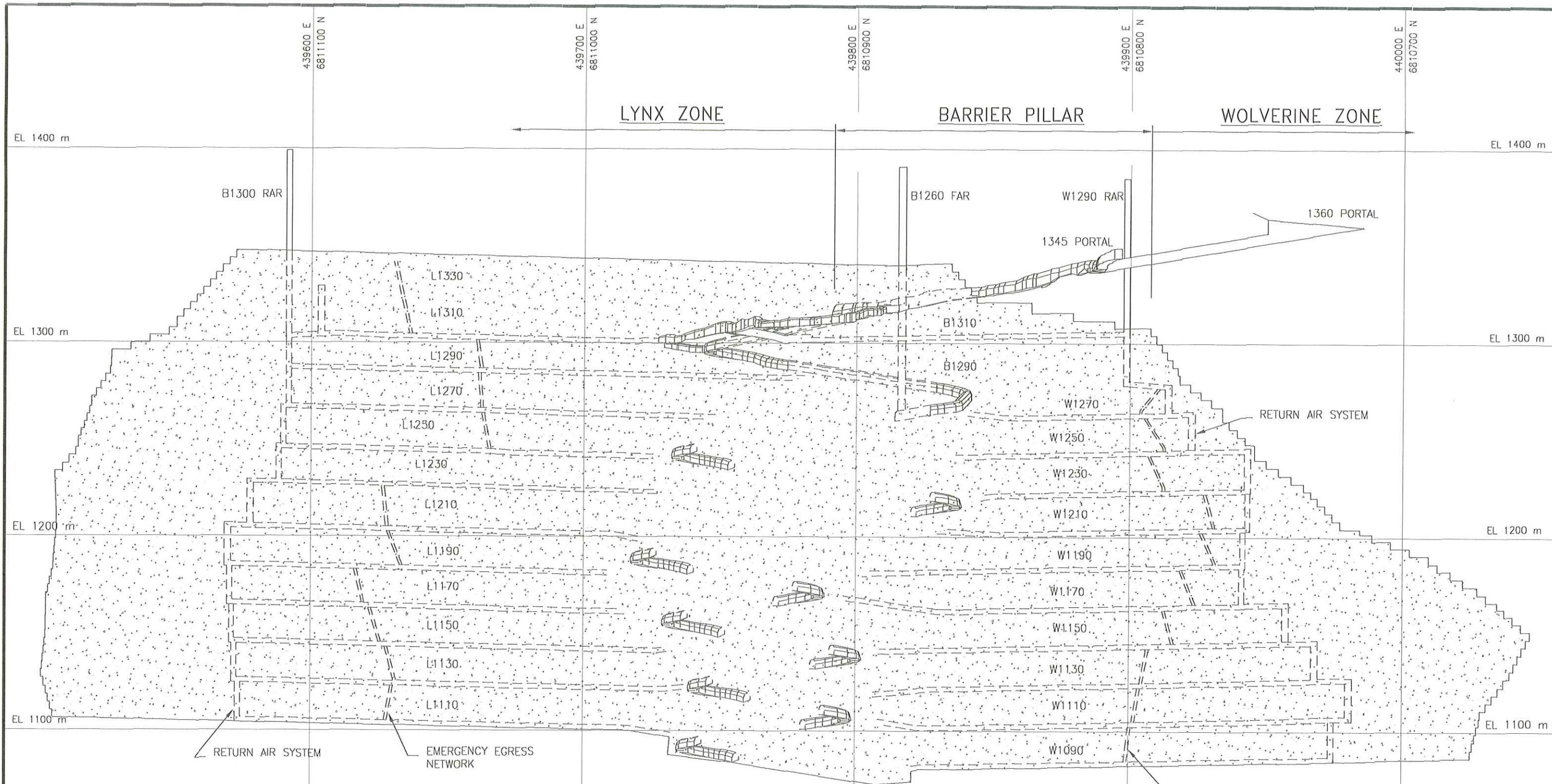
— PASTE BACKFILL

DESIGNED BY	RMO
DWG. CHECK	RMG
DRAWN BY	RMO FEB 10, 06
SCALE:	1:2000
PROJECT NO.	1614

WOLVERINE PROJECT  
STATUS OF MINE  
END OF 2018

DRAWING NO.	MO-X-025	REV.	
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REV.	REVISION DESCRIPTION	DATE	BY	APP'D



**LEGEND:**

▨ - PASTE BACKFILL

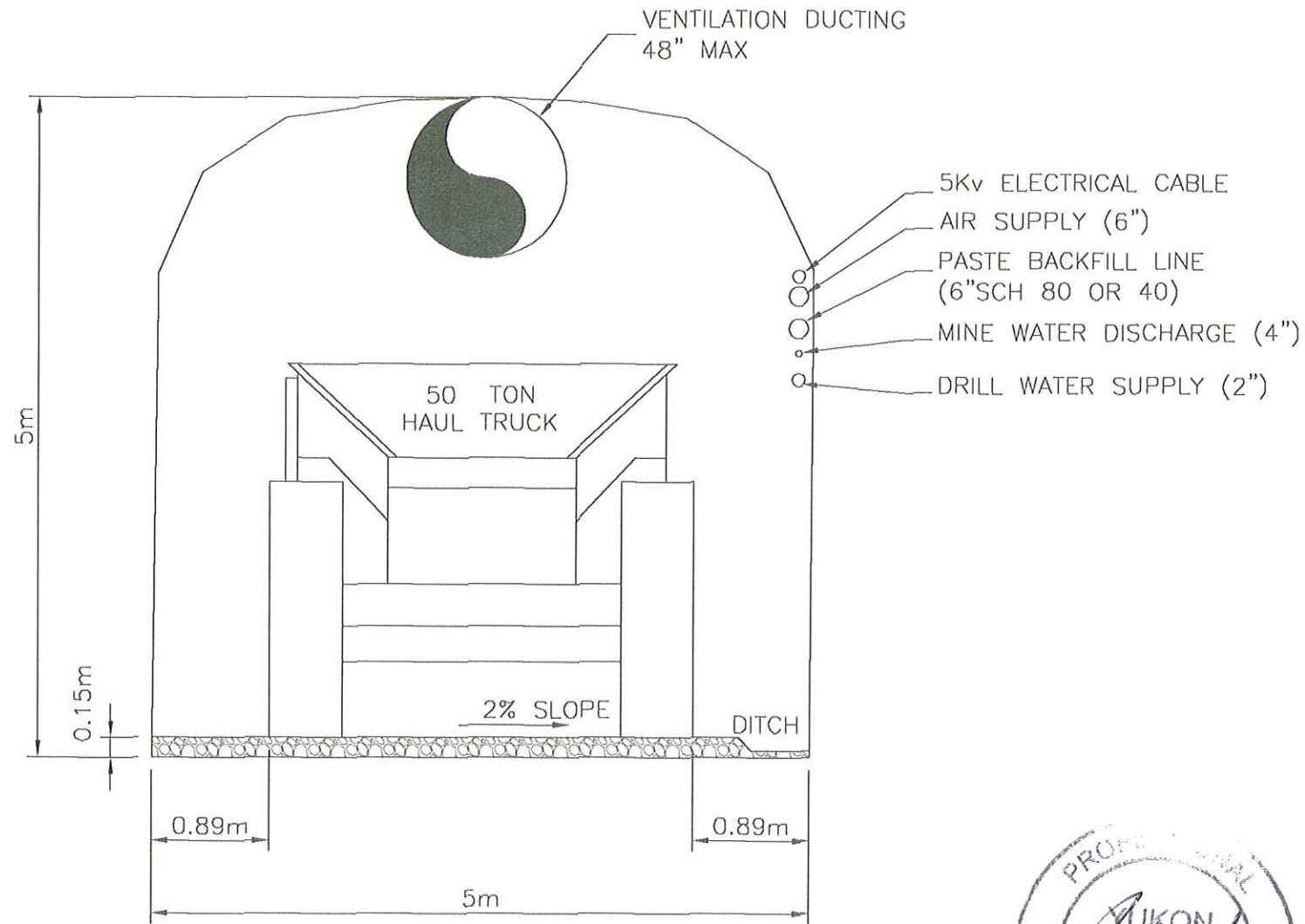


**Yukon Zinc**  
CORPORATION

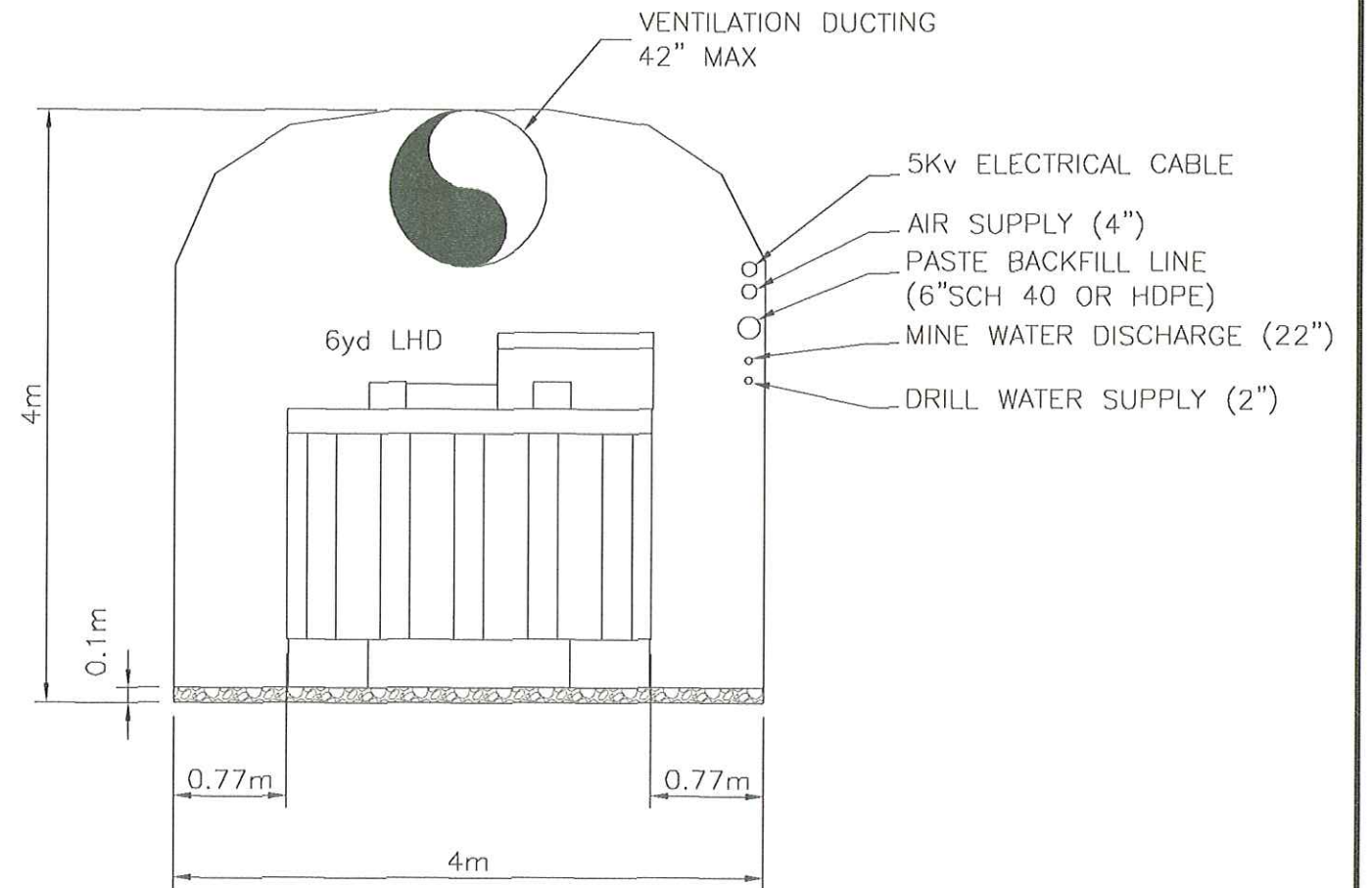
DESIGNED BY	RMO
DWG. CHECK	RMG
DRAWN BY	RMO FEB 10, 06
SCALE:	1:2000
PROJECT NO.	1614

WOLVERINE PROJECT	
STATUS OF MINE END OF MINING	
DRAWING NO.	M0-X-026
REV.	

REV.	REVISION DESCRIPTION	DATE	BY	APP'D



MAIN RAMP  
(ARCHED)



STOPE ACCESS  
(ARCHED)



**Yukon Zinc**  
CORPORATION

DESIGNED BY RMG  
DWG. CHECK RMG  
DRAWN BY RMO

SCALE:  
PROJECT NO.  
1614

WOLVERINE MINE

TYPICAL DRIFT SECTIONS  
SHOWING SERVICES

DRAWING NO.  
M0-X-027

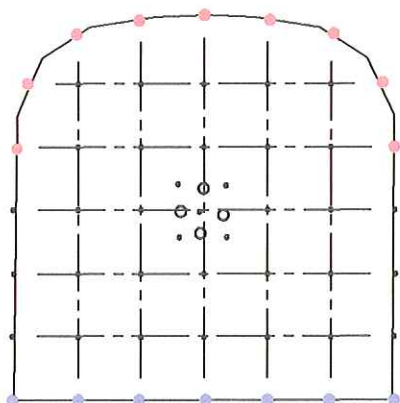
REV.

REV.	REVISION DESCRIPTION	DATE	BY	APP'D

## DEVELOPMENT HEADINGS

### MAIN RAMP

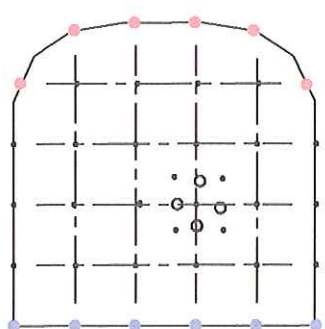
5m W X 5m H ARCHED



- REAMED HOLE, NOT LOADED (4)
- BASE - ANFO OR EMULSION (35)
- TRIM HOLES - TRIMTEX (9)
- LIFTERS - MAGNAFRAC (7)

### STOPE ACCESS

4m W X 4m H ARCHED

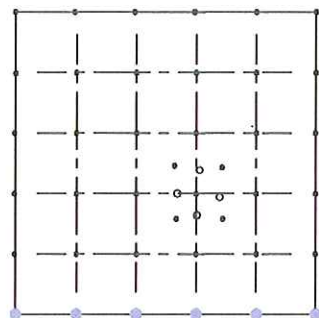


- REAMED HOLE, NOT LOADED (4)
- BASE - ANFO OR EMULSION (26)
- TRIM HOLES - TRIMTEX (6)
- LIFTERS - MAGNAFRAC (6)

## STOPE FOOTWALL DRIFTS

### DFPS OR DFRP ORE VEIN >4m WIDE

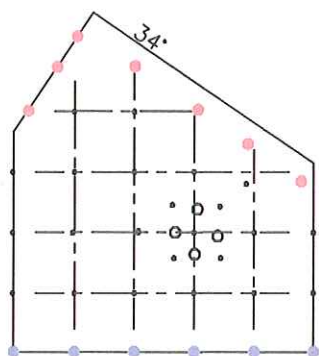
4m W X 4m H SQUARE



- REAMED HOLE, NOT LOADED (4)
- BASE - ANFO OR EMULSION (34)
- TRIM HOLES - TRIMTEX (0)
- LIFTERS - MAGNAFRAC (6)

### DFSS ORE VEIN <4m WIDE

4m W X 4m H SHANTY

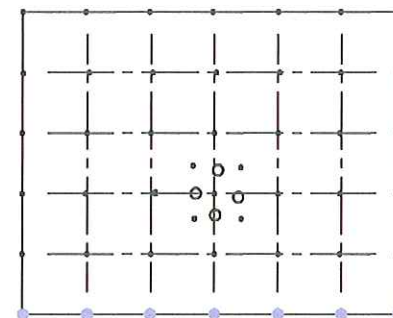


- REAMED HOLE, NOT LOADED (4)
- BASE - ANFO OR EMULSION (23)
- TRIM HOLES - TRIMTEX (7)
- LIFTERS - MAGNAFRAC (6)

## STOPE PANELS

### 5m DFPS OR DFRP PANEL

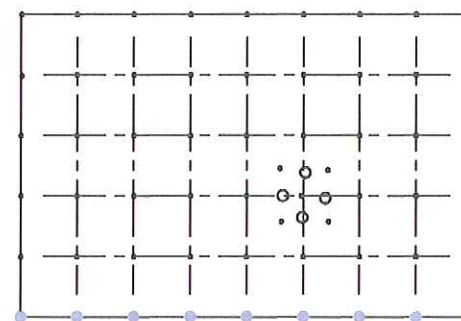
4m W X 4m H SQUARE



- REAMED HOLE, NOT LOADED (4)
- BASE - ANFO OR EMULSION (39)
- TRIM HOLES - TRIMTEX (0)
- LIFTERS - MAGNAFRAC (7)

### 6m DFPS OR DFRP PANEL

4m W X 4m H SQUARE

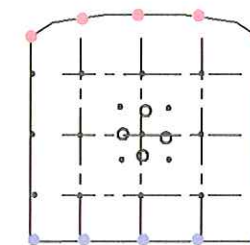


- REAMED HOLE, NOT LOADED (4)
- BASE - ANFO OR EMULSION (49)
- TRIM HOLES - TRIMTEX (0)
- LIFTERS - MAGNAFRAC (9)

## MISCELLANEOUS DEVELOPMENT

### SUMP

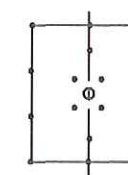
3m W X 3m H ARCHED



- REAMED HOLE, NOT LOADED (4)
- BASE - ANFO OR EMULSION (19)
- TRIM HOLES - TRIMTEX (5)
- lifters - magnafrac (5)

### SAFETY BAY

1.8m W X 1.5m H X 1.5m DEEP



- REAMED HOLE, NOT LOADED (1)
- BASE - ANFO OR EMULSION (16)
- TRIM HOLES - TRIMTEX (0)
- lifters - magnafrac (0)



**Yukon Zinc**  
CORPORATION

DESIGNED BY	RMG	
DWG. CHECK	RMG	
DRAWN BY	RMO	MAR 17, 06
SCALE:	1:10	
PROJECT NO.	1614	

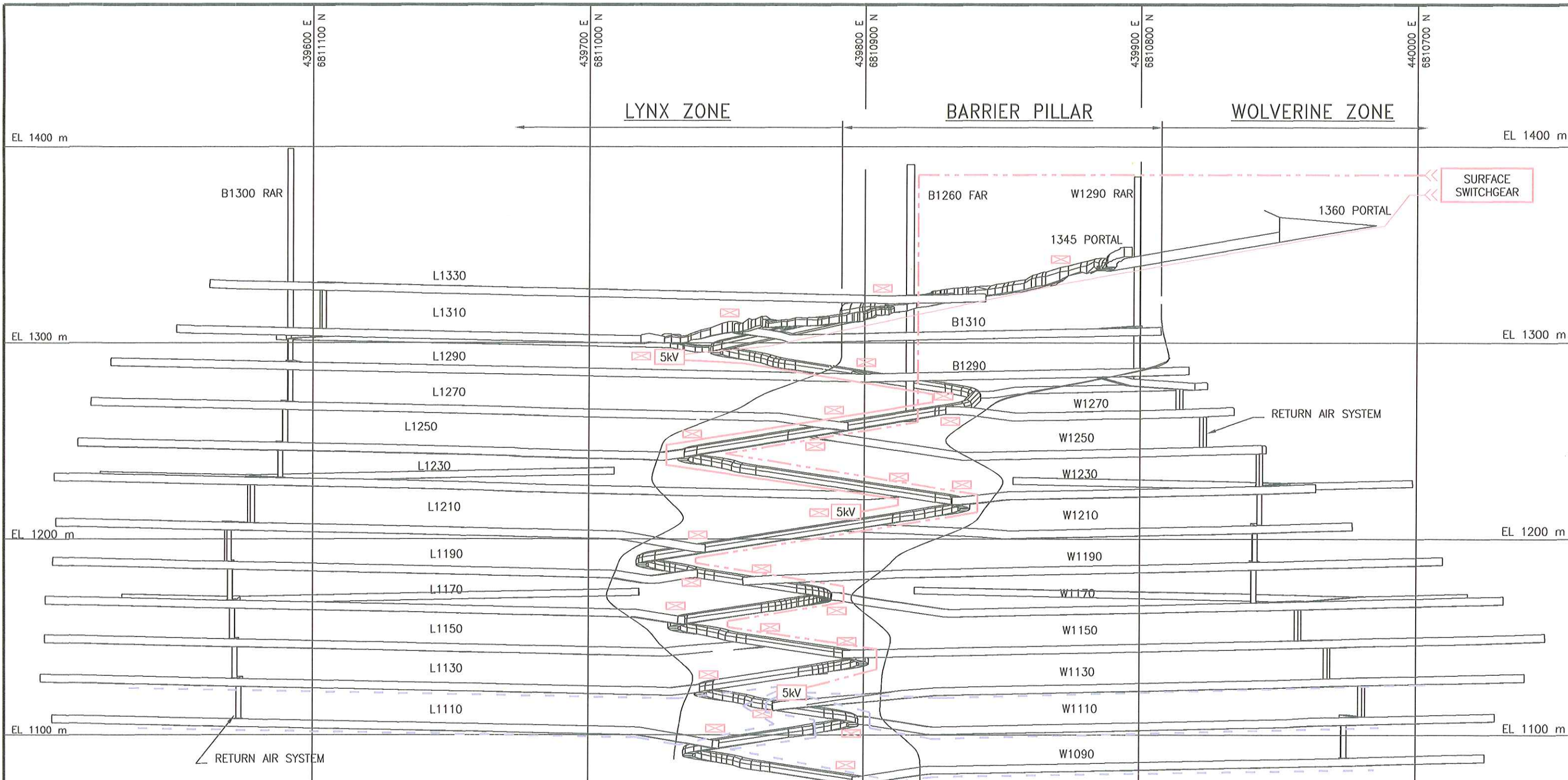
WOLVERINE PROJECT

DEVELOPMENT PROFILES SHOWING  
DRILL PATTERNS

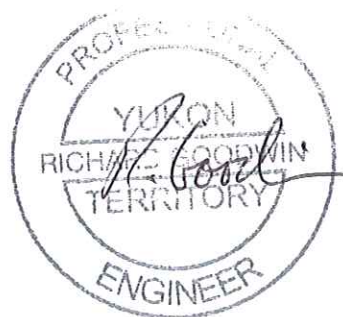
DRAWING NO.  
M0-X-028

REV.

REV.	REVISION DESCRIPTION	DATE	BY	APP'D



- LEGEND:**
- 5kV FEEDER
  - 5kV FUTURE FEEDER
  - 600v PANNEL DISTRIBUTION
  - PORTABLE POWER CENTER
  - LIGHTS

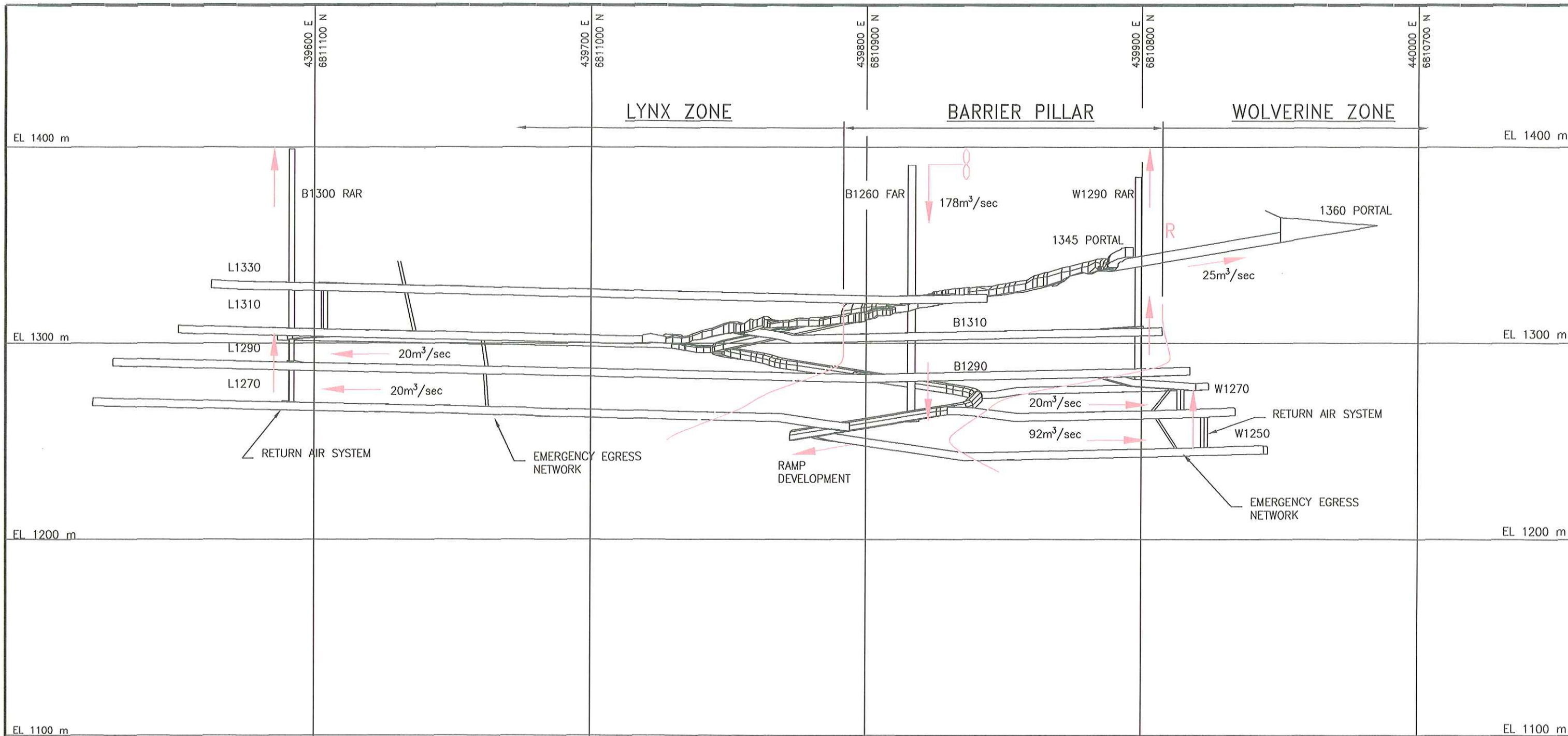


**Yukon Zinc**  
CORPORATION

DESIGNED BY	RMO
DWG. CHECK	RMG
DRAWN BY	RMO FEB 10, 06
SCALE:	1:2000
PROJECT NO.	1614

WOLVERINE PROJECT	
ELECTRICAL FEEDER SYSTEM	
LIFE OF MINE	
DRAWING NO.	M0-X-029
REV.	

REV.	REVISION DESCRIPTION	DATE	BY	APP'D



EL 1400 m EL 1400 m

EL 1300 m EL 1300 m

EL 1200 m EL 1200 m

EL 1100 m EL 1100 m

439600 E  
6811100 N

439700 E  
6811000 N

439800 E  
6810900 N

439900 E  
6810800 N

440000 E  
6810700 N

**PROFESSIONAL**

**YUKON**

*Richard Goodwin*

**RICHARD GOODWIN**

**TERRITORY**

**ENGINEER**

439600 E  
6811100 N

439700 E  
6811000 N

439800 E  
6810900 N

439900 E  
6810800 N

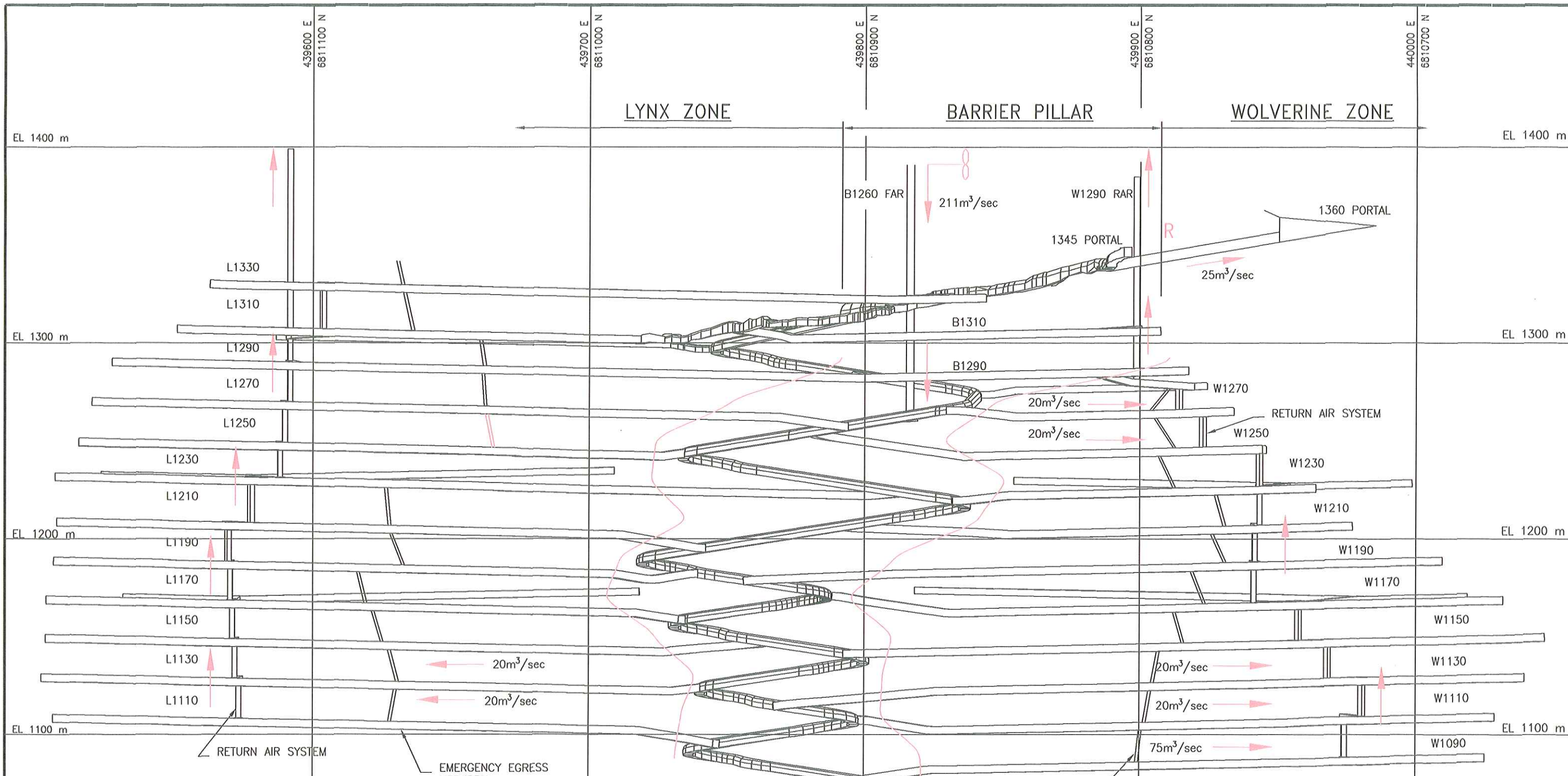
440000 E  
6810700 N

**LEGEND:**

- AIR FLOW DIRECTION
- FAN
- REGULATOR

DESIGNED BY	RMO	<b>WOLVERINE PROJECT</b> <b>PREDEVELOPMENT</b> <b>VENTILATION SCHEMATIC</b>	
DWG. CHECK	RMG		
DRAWN BY	RMO MAR 20, 06		
SCALE:	1:2000		
PROJECT NO.	1614		
		DRAWING NO.	M0-X-030
		REV.	

REV.	REVISION DESCRIPTION	DATE	BY	APP'D



**LEGEND:**  
 - AIR FLOW DIRECTION  
 - FAN  
 - REGULATOR



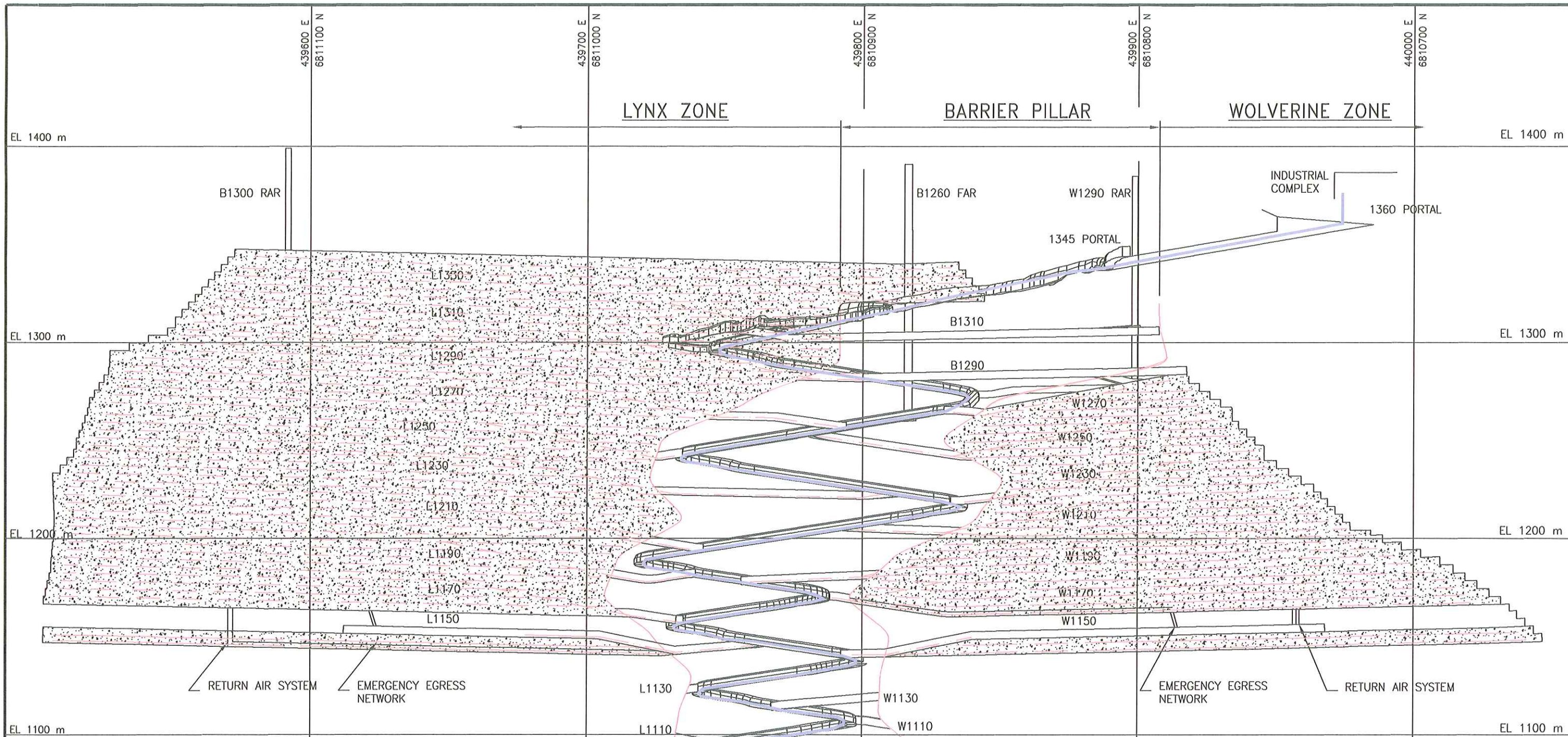
**Yukon Zinc**  
CORPORATION

DESIGNED BY	RMO
DWG. CHECK	RMG
DRAWN BY	RMO MAR 20, 06
SCALE:	1:2000
PROJECT NO.	1614

**WOLVERINE PROJECT**  
LIFE OF MINE  
VENTILATION SCHEMATIC

DRAWING NO.	M0-X-031	REV.	
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REV.	REVISION DESCRIPTION	DATE	BY	APP'D



**LEGEND:**

- PASTE BACKFILL
- 6" SCH 80/40 PASTE BACKFILL LINE
- 6" DR 32.5 HDPE (SACRIFICED) PASTE BACKFILL LINE



**Yukon Zinc**  
CORPORATION

DESIGNED BY	RMO	
DWG. CHECK	RMG	
DRAWN BY	RMO	FEB 10, 06
SCALE:	1:2000	
PROJECT NO.	1614	

WOLVERINE PROJECT	
STATUS OF MINE PASTE BACKFILL DISTRIBUTION	
DRAWING NO.	M0-X-032
REV.	

REV.	REVISION DESCRIPTION	DATE	BY	APP'D