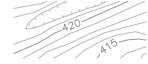

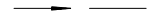

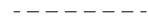
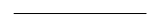




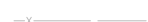






**LEGEND**

-  HYPISOGRAPHIC CONTOURS WITH ELEVATION INDEX  
TICKS INDICATE DEPRESSION
-  TREE
-  DITCH/CREEK CENTRE
-  EDGE OF LAKE, RIVER
-  GRAVEL ROAD
-  PAVED ROAD, HIGHWAY
-  RAILROAD TRACKS
-  PARCEL BOUNDARY
-  SURVEY BOUNDARY
-  ROAD SHOULDER
-  FENCE
-  TREED AREA
-  APPROXIMATE QUARRY AREA
-  DISTURBED AREA
-  BUILDINGS



**GENERAL NOTES**

- Coordinates are UTM Zone 10 NAD 83.
- Property boundaries are approximate.

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




















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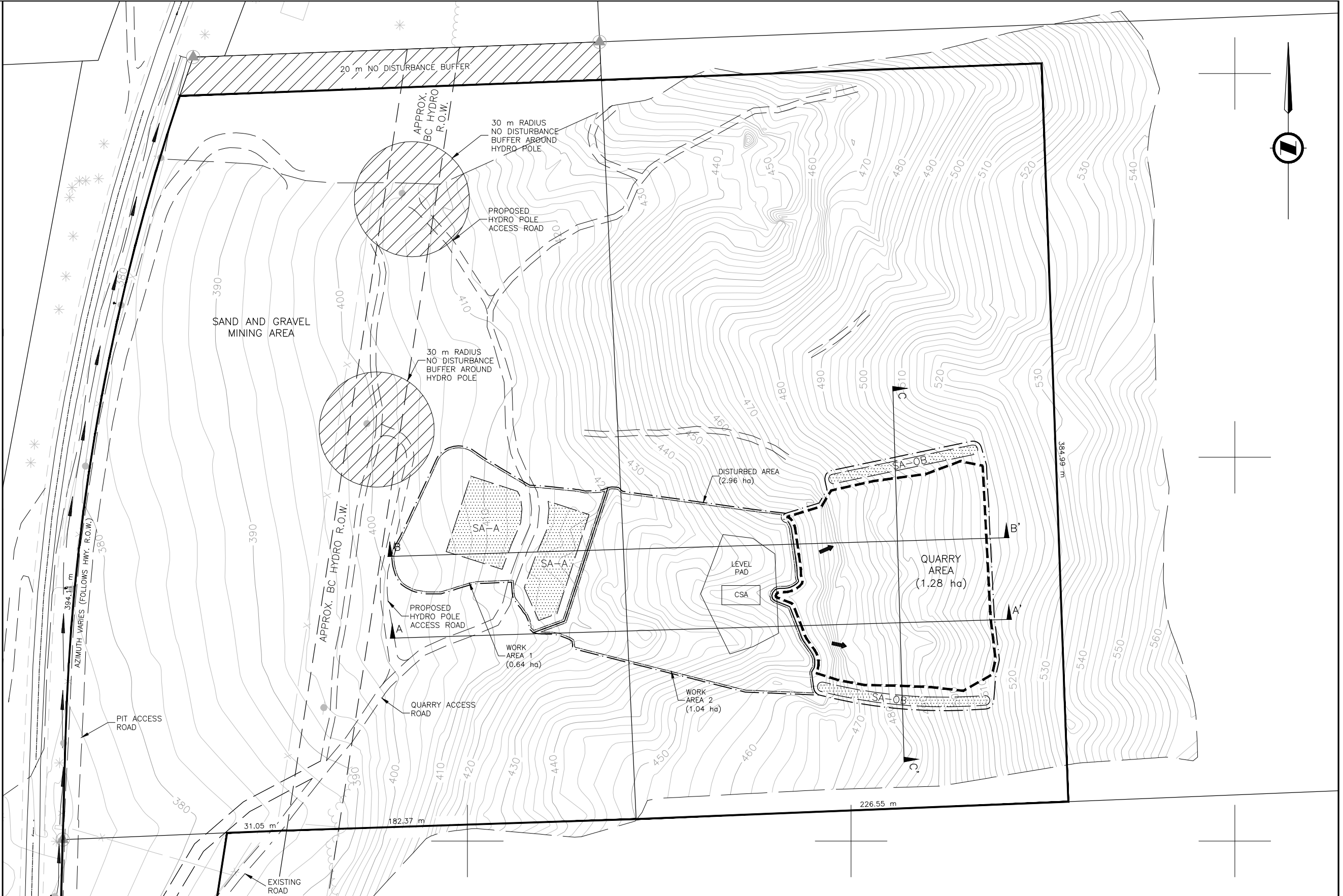
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**QUARRY**

FILE No.	PROJECT No.	DRAWING No.
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**LEGEND**

-  HYPISOGRAPHIC CONTOURS WITH ELEVATION INDEX  
TICKS INDICATE DEPRESSION  
DASHES INDICATE ESTIMATED
-  UTILITY POLE, SURVEY MONUMENT
-  DEVELOPMENT DIRECTION
-  WELL, TAG No. 114423
-  DITCH/CREEK CENTRE
-  DIRT ROAD
-  GRAVEL ROAD
-  PAVED ROAD, HIGHWAY
-  DISTRICT LOT BOUNDARY
-  PARCEL BOUNDARY
-  APPROX. RIGHT-OF-WAY
-  MINE BOUNDARY
-  APPROXIMATE QUARRY AREA
-  DISTURBED AREA
-  SURVEY BOUNDARY
-  ROAD SHOULDER
-  FENCE
-  TREED AREA
-  BUILDINGS
-  CSA  
CRUSHER SETUP AREA / SCREENING PLANT
-  BUFFER  
BUFFER AREA
-  BERM  
BERM
-  CROSS-SECTION LINE
-  PROPOSED STOCKPILE AREA  
TYPE  
A: AGGREGATE    RJ: (MATERIAL) REJECT  
OB: OVERBURDEN    DEB: DEBRIS  
TS: TOPSOIL    OVS: OVERSIZE



TOTAL DISTURBED AREA: 2.96 ha

**WELLS WITHIN 1 km OF LOT BOUNDARY**  
Source: BC Water Resources Atlas on 2019-03-06  
• Well #12345, LOCATION:  
• Well #54321, LOCATION:

**GENERAL NOTES**  
• Coordinates are UTM Zone 10 NAD 83.  
• Property boundaries are approximate.  
• Azimuths are clockwise from UTM grid north.

**VOLUMES**  
• Total potential, Quarry Area: 131,124 m<sup>3</sup>

**MINING NOTES**  
General:  
• All vegetation, topsoil and overburden is to be stripped a minimum of 2 metres back from active quarry face.  
• Topsoil and overburden is to be stockpiled and seeded with grass. Removal of this material is not permitted.  
• All quarry development slopes to be 1H:10V  
• All stockpiles will be 1.5 H to 1.0 V.  
• All final reclamation slopes will be 2.0 H to 1.0 V.  
• The pit is to be developed in accordance with: Health, Safety and Reclamation Code for Mines in B.C., Reclamation and Environmental Protection Handbook for Sand, Gravel and Quarry Operations in B.C., Aggregate Operators Best Management Practices Handbook for B.C.  
• A notice of Pit/Quarry Mining must be filed with Mines a minimum 7 days prior to commencement of operations.  
All reject material, resulting from aggregate production is to be placed in neat easily accessible stockpiles free of deleterious material (i.e. wood waste).

• The dumping of off-site soils, overburden or road building debris is not permitted.  
• Property boundaries are approximate and must be confirmed on site.

MINE No. 1234567

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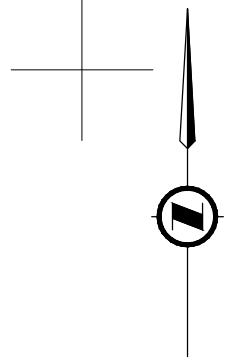
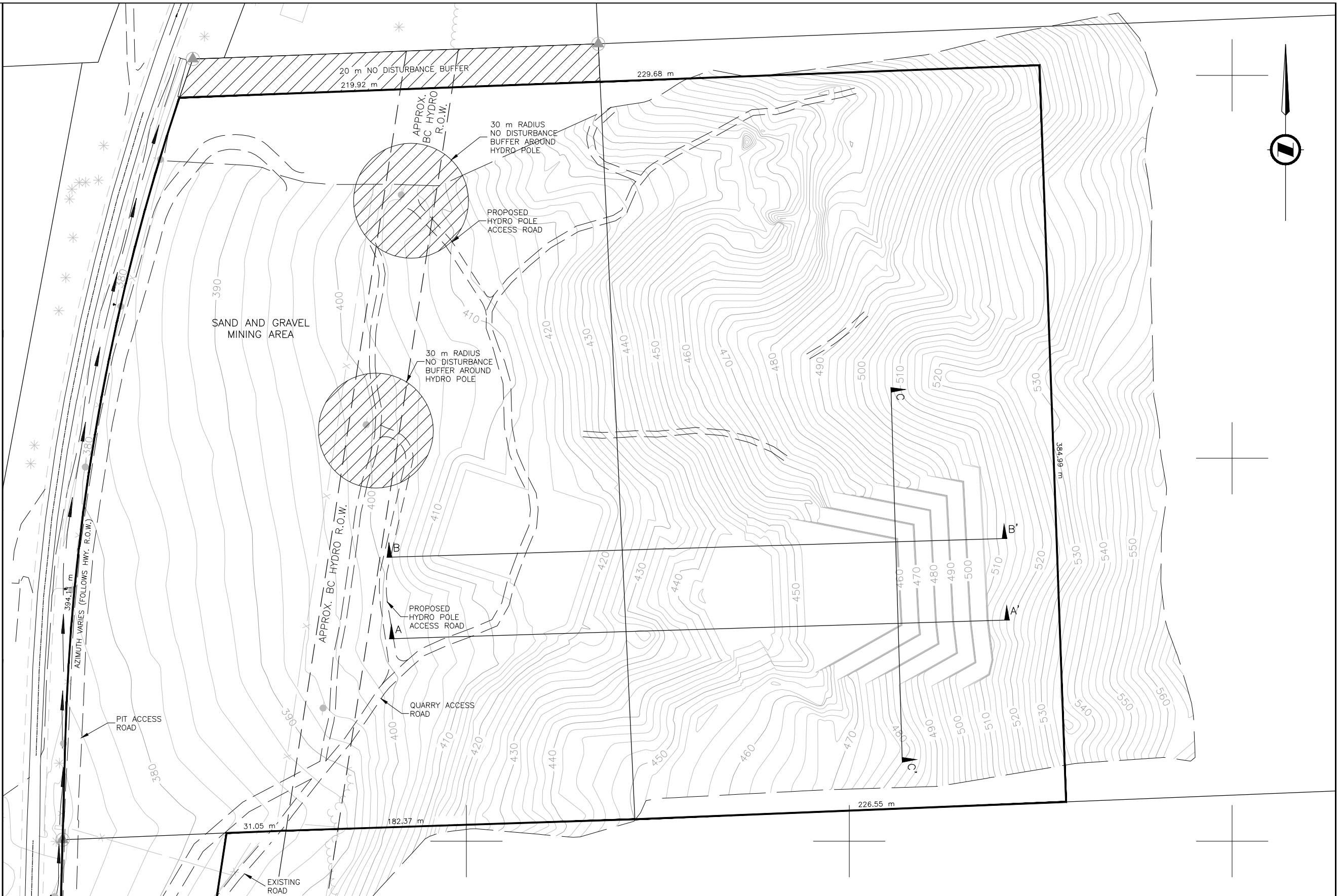
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**QUARRY**  
DEVELOPMENT PLAN

FILE No.	PROJECT No.	DRAWING No.
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**LEGEND**

- HYPISOGRAPHIC CONTOURS WITH ELEVATION INDEX  
TICKS INDICATE DEPRESSION  
DASHES INDICATE ESTIMATED
  - UTILITY POLE, SURVEY MONUMENT
  - 114423 WELL, TAG No. 114423
  - DITCH/CREEK CENTRE
  - DIRT ROAD
  - GRAVEL ROAD
  - PAVED ROAD, HIGHWAY
  - DISTRICT LOT BOUNDARY
  - PARCEL BOUNDARY
  - APPROX. RIGHT-OF-WAY
  - MINE BOUNDARY
  - APPROXIMATE QUARRY AREA
  - SURVEY BOUNDARY
  - ROAD SHOULDER
  - FENCE
  - TREED AREA
  - BUILDINGS
- A** **A'** CROSS-SECTION LINE



**TOTAL DISTURBED AREA: 2.67 ha**

**WELLS WITHIN 1 km OF LOT BOUNDARY**  
 Source: BC Water Resources Atlas on 2019-03-06  
 • Well #123456, LOCATION:  
 • Well #654321, LOCATION:

**GENERAL NOTES**  
 • Coordinates are UTM Zone 10 NAD 83.  
 • Property boundaries are approximate.  
 • Azimuths are clockwise from UTM grid north.

**MINING NOTES**  
**General:**  
 • All vegetation, topsoil and overburden is to be stripped a minimum of 2 metres back from active quarry face.  
 • Topsoil and overburden is to be stockpiled and seeded with grass. Removal of this material is not permitted.  
 • All quarry development slopes to be 1H:10V  
 • All stockpiles will be 1.5 H to 1.0 V.  
 • All final reclamation slopes will be 2.0 H to 1.0 V.  
 • The pit is to be developed in accordance with: Health, Safety and Reclamation Code for Mines in B.C., Reclamation and Environmental Protection Handbook for Sand, Gravel and Quarry Operations in B.C., Aggregate Operators Best Management Practices Handbook for B.C.  
 • A notice of Pit/Quarry Mining must be filed with the Mines office minimum 7 days prior to commencement of operations.  
 • All reject material, resulting from aggregate production is to be placed in neat easily accessible stockpiles free of deleterious material (i.e. wood waste).  
 • The dumping of off-site soils, overburden or road building debris is not permitted.  
 • Property boundaries are approximate and must be confirmed on site.

MINE No. 1234567

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**QUARRY**  
**RECLAMATION PLAN**

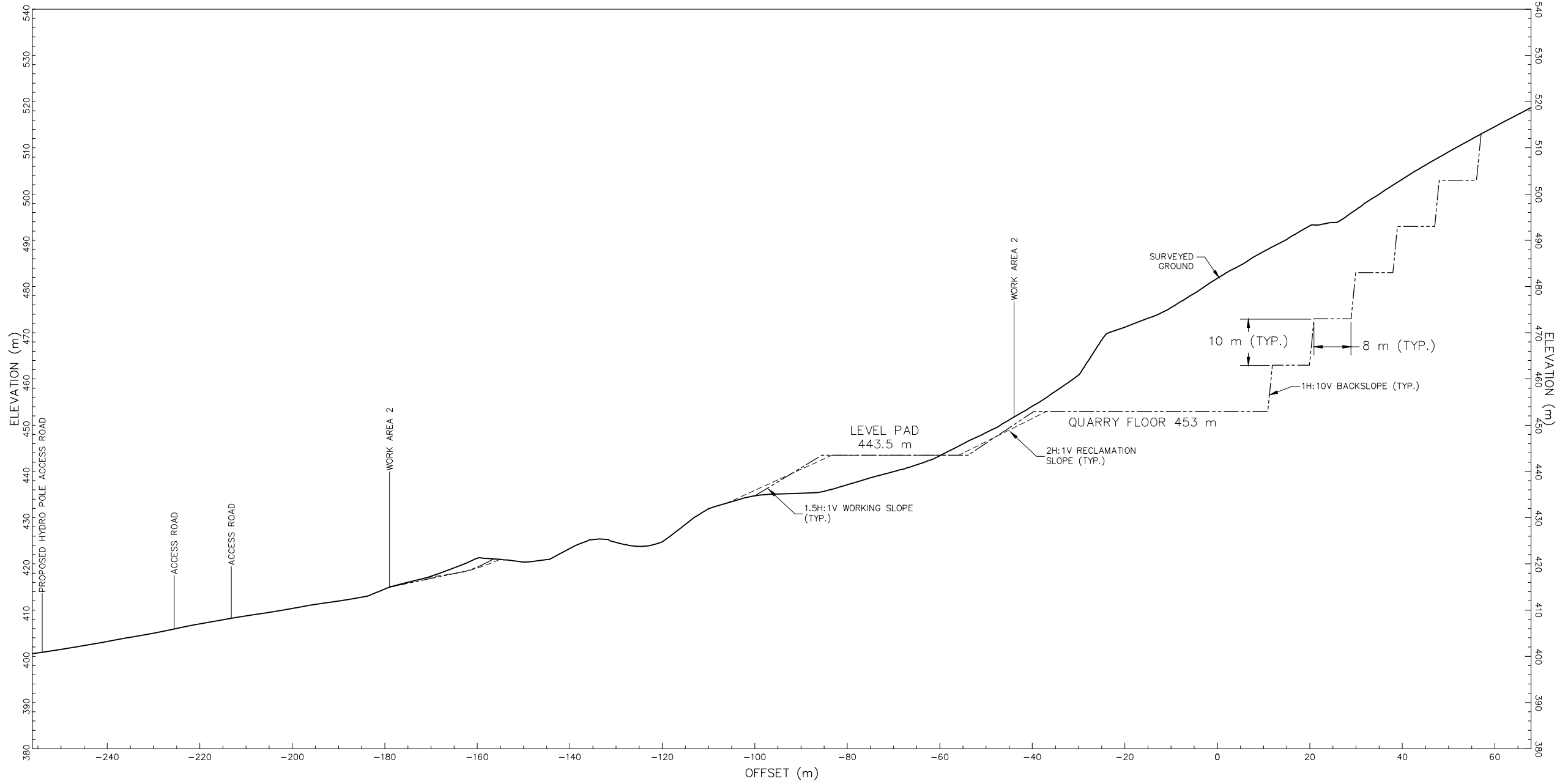
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**LEGEND**

- ORIGINAL GROUND
- - - PROPOSED EXCAVATION
- - - PROPOSED RECLAMATION
- ▨ STOCKPILE / STOCKPILE AREA  
"HEIGHT TO BE DETERMINED"

- GENERAL NOTES**
- Benches are 8 m wide, 10 m high (1H:10V backslope)
  - Elevations are approximate

**CROSS SECTION A-A'**



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SCALE: 0 Horiz. 1:1000 20  
0 Vert. 1:1000 20

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**QUARRY**  
CROSS-SECTION A-A'

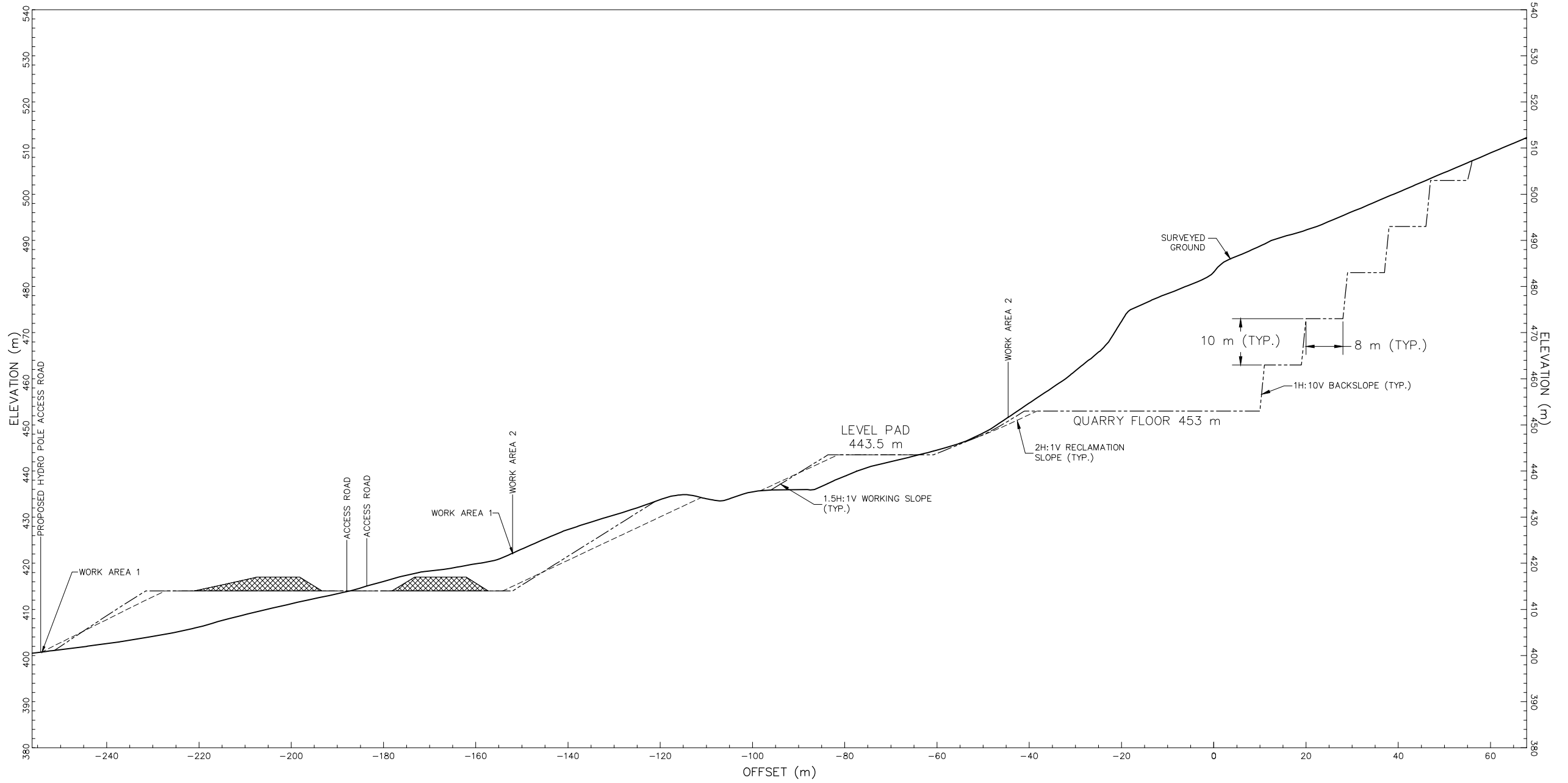
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**LEGEND**

- ORIGINAL GROUND
- - - PROPOSED EXCAVATION
- - - PROPOSED RECLAMATION
- ▨ STOCKPILE / STOCKPILE AREA  
"HEIGHT TO BE DETERMINED"

- GENERAL NOTES**
- Benches are 8 m wide, 10 m high (1H:10V backslope)
  - Elevations are approximate

**CROSS SECTION B-B'**



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SCALE: 0 Horiz. 1:1000 20  
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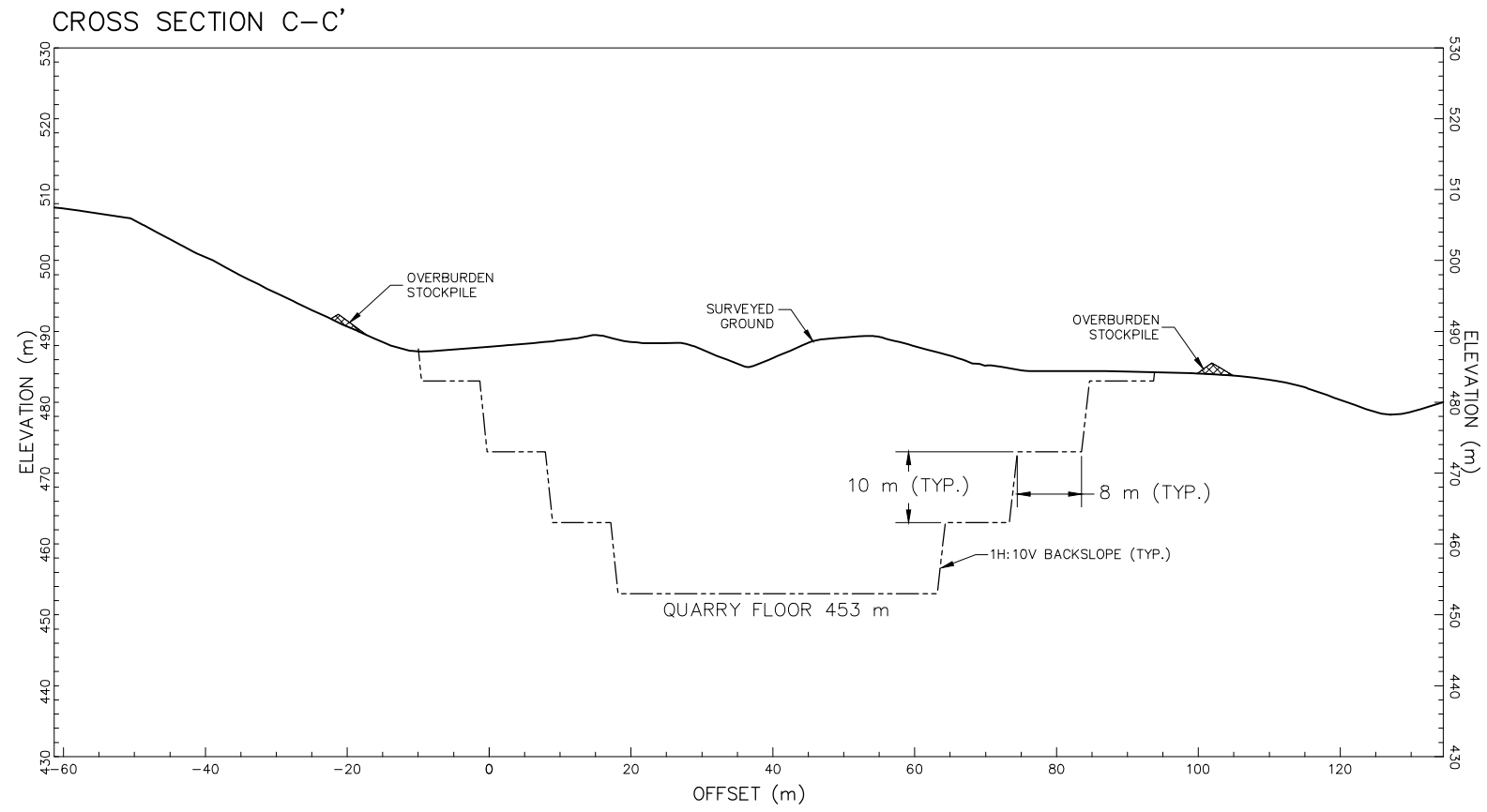
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**QUARRY**  
CROSS-SECTION B-B'

FILE No.	PROJECT No.	DRAWING No.
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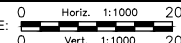
**LEGEND**

- ORIGINAL GROUND
- - - PROPOSED EXCAVATION
- - - PROPOSED RECLAMATION
-  STOCKPILE / STOCKPILE AREA  
"HEIGHT TO BE DETERMINED"

- GENERAL NOTES**
- Benches are 8 m wide, 10 m high (1H:10V backslope)
  - Elevations are approximate



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SCALE:  Horiz. 1:1000 20  
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DESIGNED: DATE:  
DRAWN: DATE:  
CHECKED: DATE:

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**QUARRY**  
CROSS-SECTION C-C'

FILE No.	PROJECT No.	DRAWING No.
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