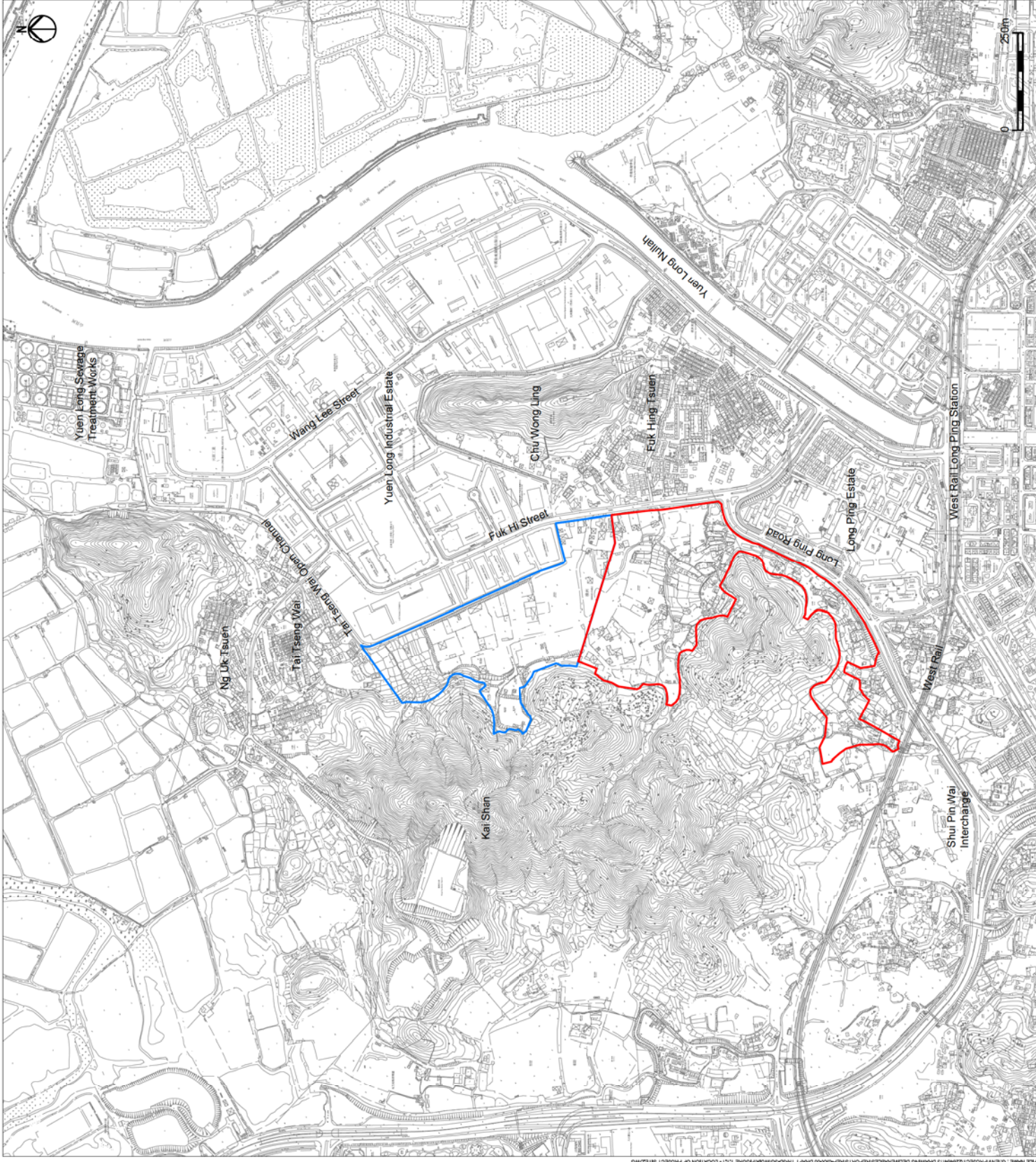


Figures



- Legend
- Public Housing Site (PH Site)
 - Yuen Long Industrial Estate Extension (YLIEE Site)

| Rev | Description | GL | 10/13 |
|-----|-------------|----|-------|
| A | FIRST ISSUE | | |
| | | By | Date |

ARUP

Project title
 Agreement No. CB201/20293
 Planning and Engineering Study for the Public Housing Site
 and Yuen Long Industrial Estate Extension at Wang Chau

Drawing title
 Location of Project Site

| | | | |
|-------------|--------------|----------|-------------|
| Drawing no. | Figure 1.1.1 | Rev. | A |
| Drawn | GL | Checked | IL |
| Date | 10/13 | Approved | ST |
| Scale | AS SHOWN | Status | PRELIMINARY |



HONG KONG HOUSING AUTHORITY

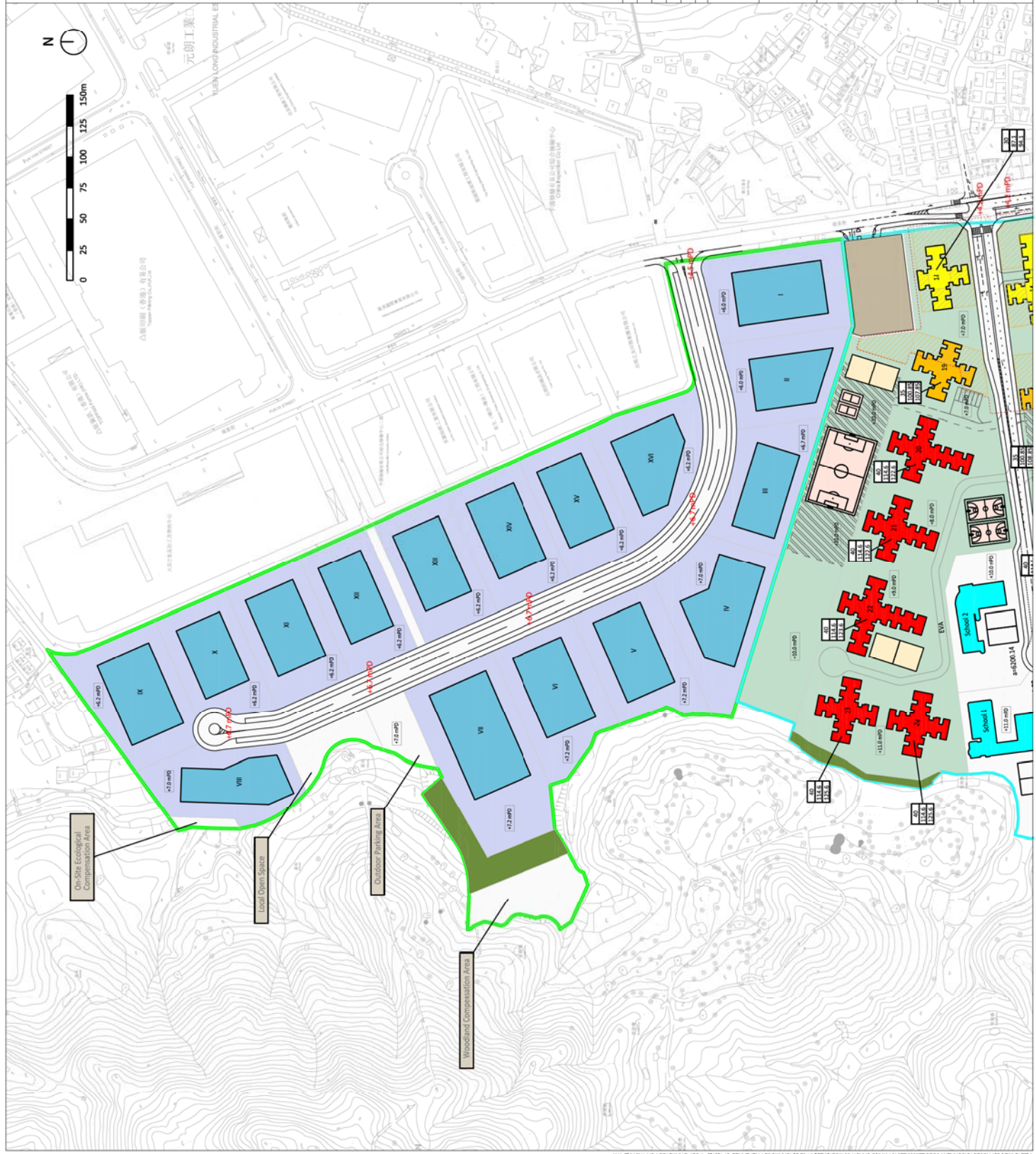
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Legend

- PH Site Development Boundary
- YLIEE Site Development Boundary
- Development Plots
- PH Site Not Developable Area
- YLIEE Site Not Developable Area
- Other Areas
- YLIEE Building Footprints
- 41 storys
- 36 storys
- 31 storys
- GIC & Schools
- Commercial activities
- Carpark
- Playground
- 30-Degree Cut Slope

No. of domestic storys (incl. podium/lobby)
 Building height (meters)
 mPD of building (meters)

Proposed Finish Height in mPD
 Existing Spot Levels in mPD
 Road Spot Levels in mPD
 Other Considerations
 Underground Parking Floor Slab Height
 Other Considerations



ARUP

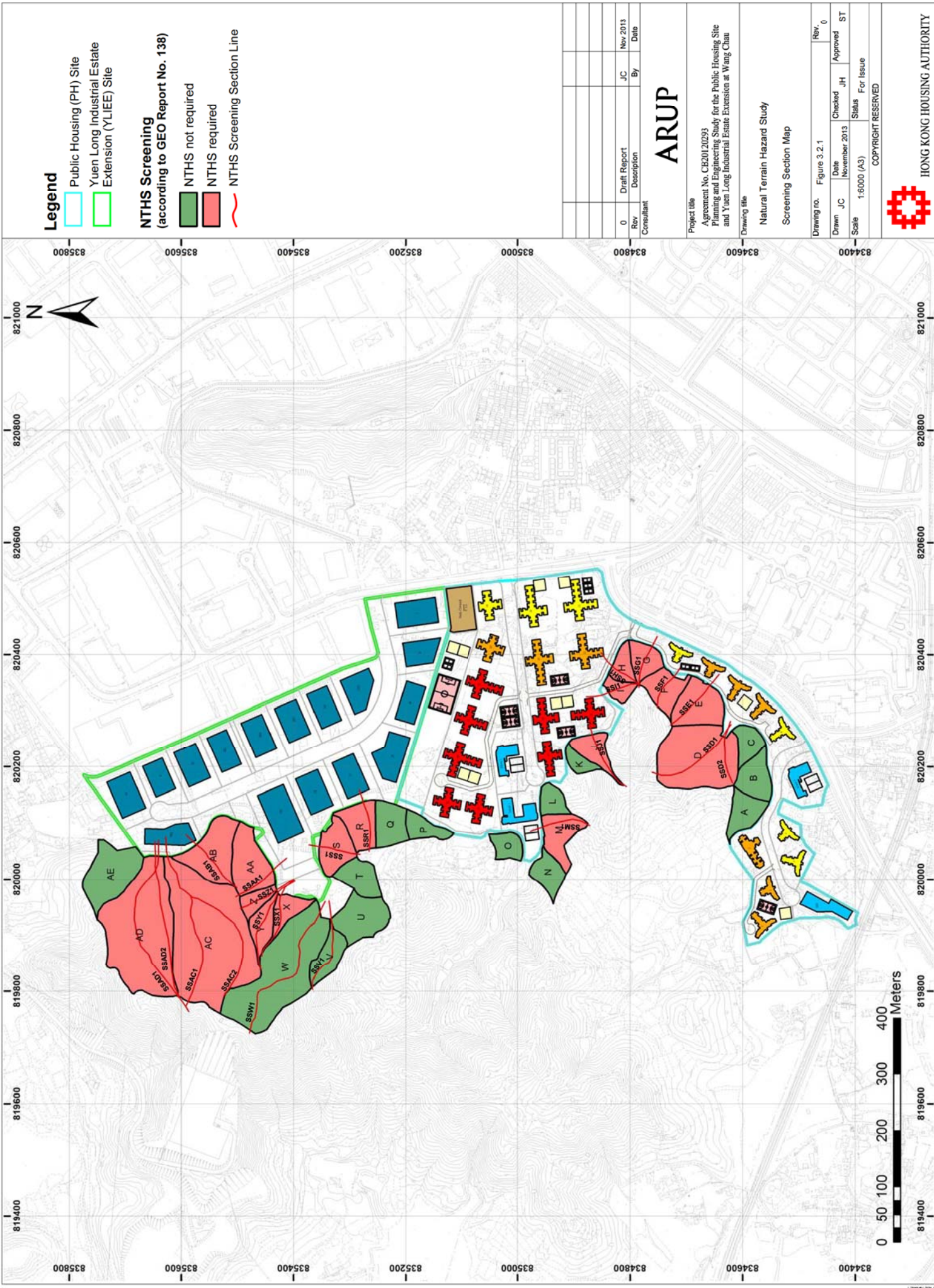
Project title
 Agreement No. CB201/20293
 Planning and Engineering Study for the Public Housing Site
 and Yuen Long Industrial Estate Extension at Wang Chau

Drawing title
 Preferred Option Layout Plan - YLIEE Site

| | | | |
|-------------|---------------|----------|-------------|
| Drawing no. | Figure 2.1.2B | Rev. | A |
| Drawn | CW | Date | 10/13 |
| Checked | IL | Approved | ST |
| Scale | 1:3000 (A3) | Status | PRELIMINARY |



HONG KONG HOUSING AUTHORITY



Legend

- Public Housing (PH) Site
 - Yuen Long Industrial Estate Extension (YLIEE) Site
- NTHS Screening**
(according to GEO Report No. 138)
- NTHS not required
 - NTHS required
 - NTHS Screening Section Line

ARUP

Project title
Agreement No. CE20120293
Planning and Engineering Study for the Public Housing Site and Yuen Long Industrial Estate Extension at Wang Chau

Drawing title
Natural Terrain Hazard Study
Screening Section Map

| | | | |
|-------------|---------------|----------|-----------|
| Drawing no. | Figure 3.2.1 | Rev. | 0 |
| Drawn | JC | Checked | JH |
| Date | November 2013 | Approved | ST |
| Scale | 1:6000 (A3) | Status | For Issue |

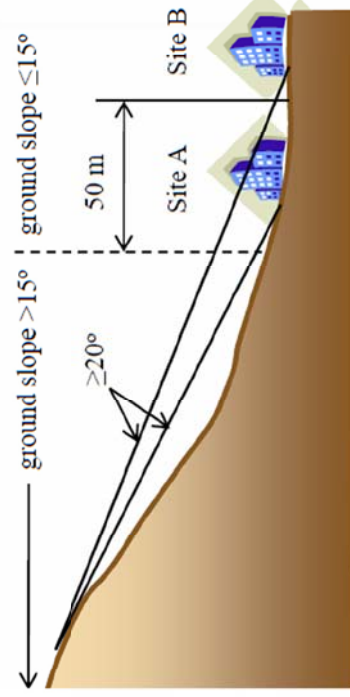
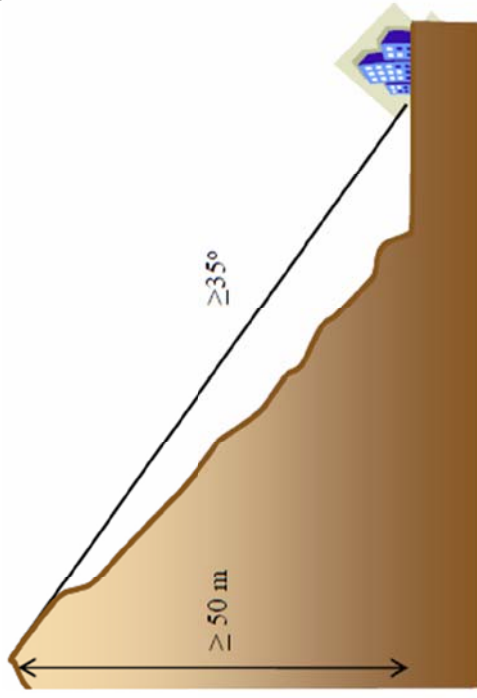
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| Angular Elevation of Natural Terrain $\geq 35^\circ$ | Elevation above site formation level $\geq 50\text{m}$ | In-principle Criteria Met? |
|--|--|----------------------------|
| Yes | Yes | Yes |
| | | |

| Site | Angular Elevation of Natural Terrain $\geq 20^\circ$ | Within 50 m of Ground Sloping at $\geq 15^\circ$ | Alert Criteria Met |
|------|--|--|--------------------|
| A | Yes | Yes | Yes |
| B | Yes | No | No |



| Rev | Description | By | Date |
|-----|--------------|----|--------------|
| 0 | Draft Report | JC | 03 July 2013 |

ARUP

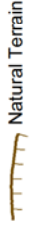
Project title
 Agreement No. CE20120293
 Planning and Engineering Study for the Public Housing Site
 and Yuen Long Industrial Estate Extension at Wang Chau

Drawing title
 Natural Terrain Hazard Study
 Graphical Presentation of Inclusion Guidelines
 (reproduced from GEO Report 138)

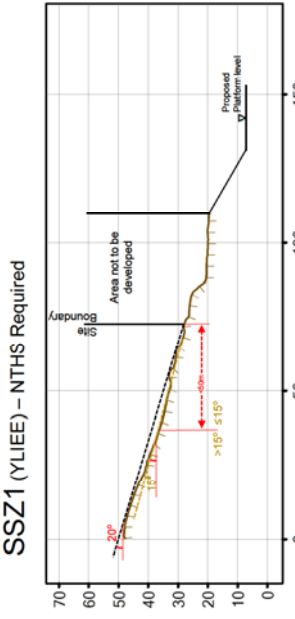
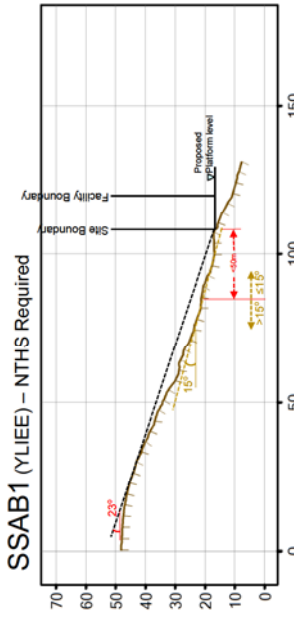
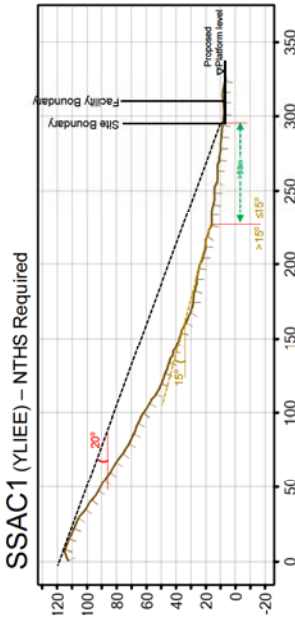
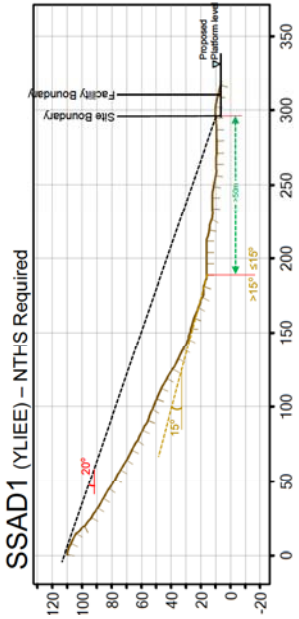
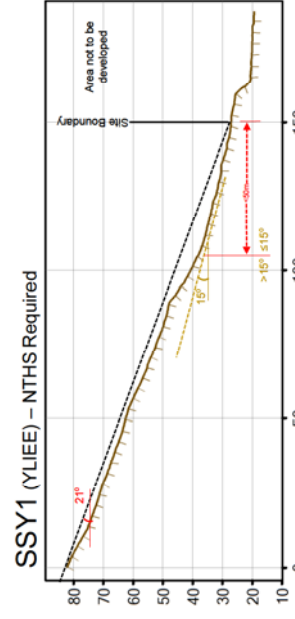
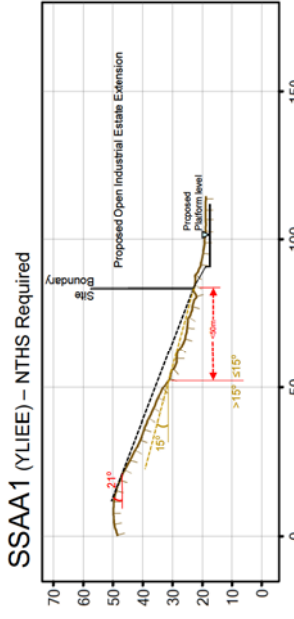
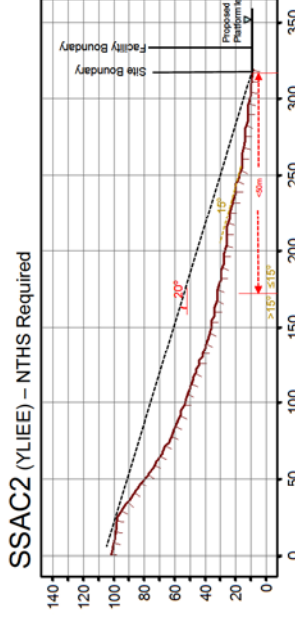
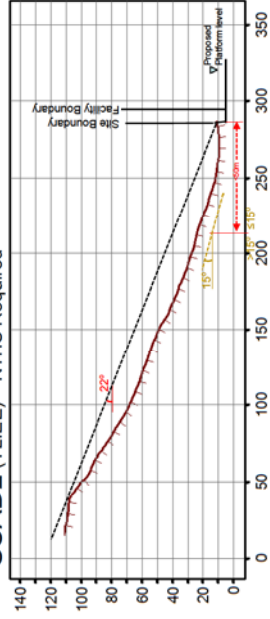
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|-------------|----------------------|----------|-----------|
| Drawing no. | Figure 3.2.2 | Rev. | 0 |
| Drawn | JC | Checked | JH |
| Date | July 2013 | Approved | ST |
| Scale | 1:6000 (A3) | Status | For Issue |
| | 1:10000 (A3) (inset) | | |



Legend



Proposed Site Formation Level as per preferred Option 2B





ARUP

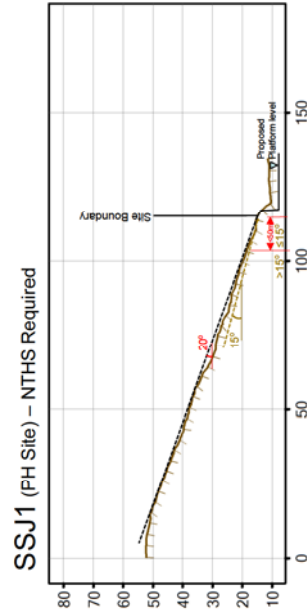
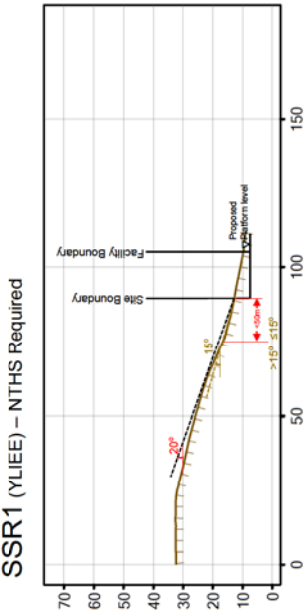
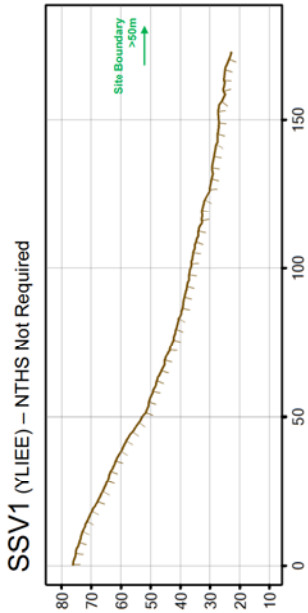
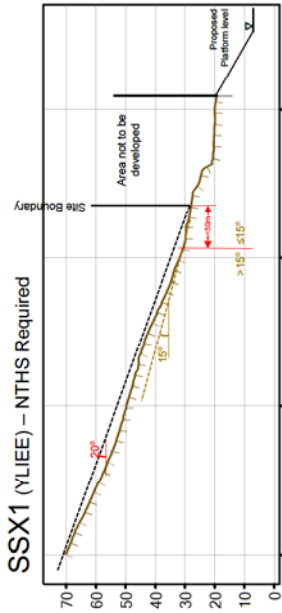
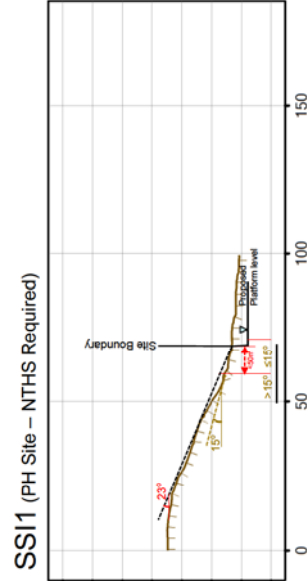
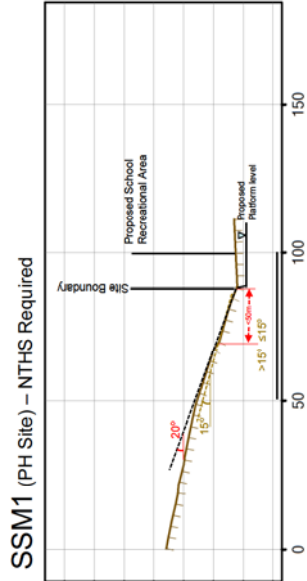
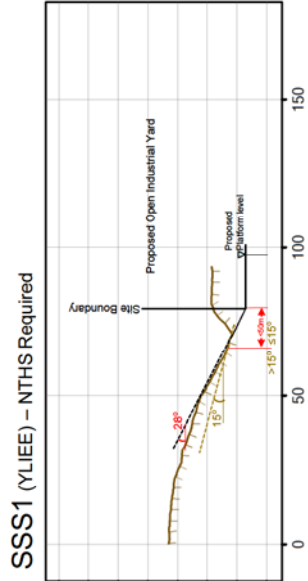
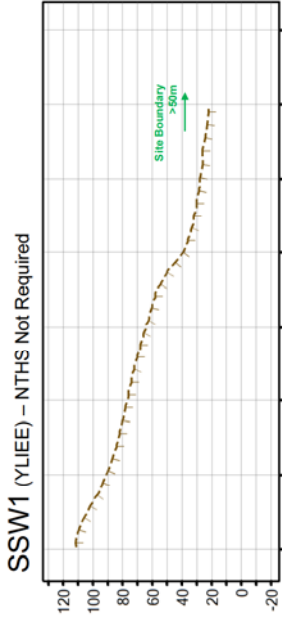
| | | | |
|---|--------------|---------------------------|--------------|
| Project title | | Agreement No. CB20120293 | |
| Planning and Engineering Study for the Public Housing Site and Yuen Long Industrial Estate Extension at Wang Chau | | Drawing no. Figure 3.2.3a | |
| Rev | Description | Checked | By |
| 0 | Draft Report | JH | JC |
| | | Date | Date |
| | | October 2013 | October 2013 |
| Consultant | | Approved | ST |
| | | Status | For Issue |
| | | Scale | As Indicated |
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Natural Terrain Hazard Study
NTHS Screening Sections
(Sheet 1 of 3)

HONG KONG HOUSING AUTHORITY

Legend

-  Natural Terrain
-  Proposed Site Formation Level



| Rev | Description | By | Date |
|-----|--------------|----|--------------|
| 0 | Draft Report | JC | October 2013 |

ARUP

Project title
 Agreement No. CB201/20093
 Planning and Engineering Study for the Public Housing Site
 and Yuen Long Industrial Estate Extension at Wang Chau



Drawing title
 Natural Terrain Hazard Study
 NTHS Screening Sections
 (Sheet 2 of 3)

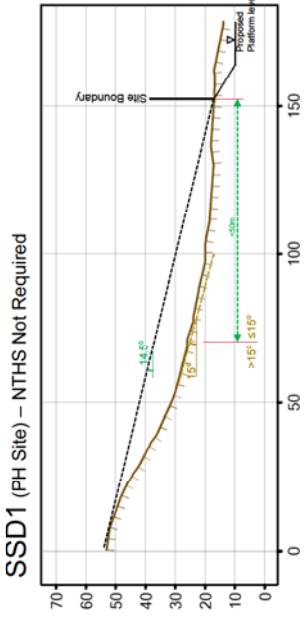
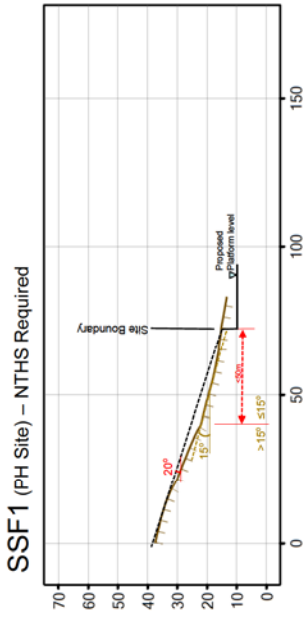
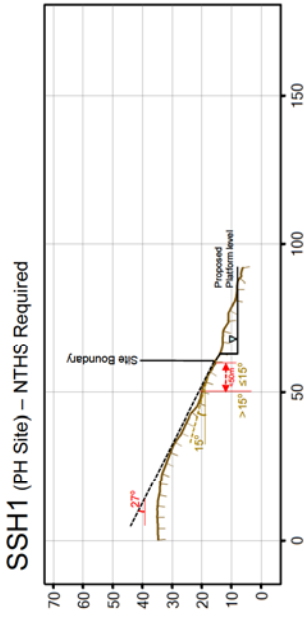
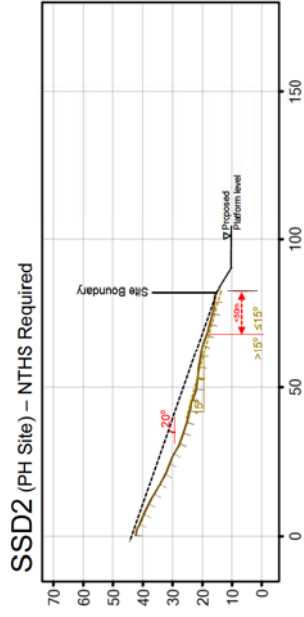
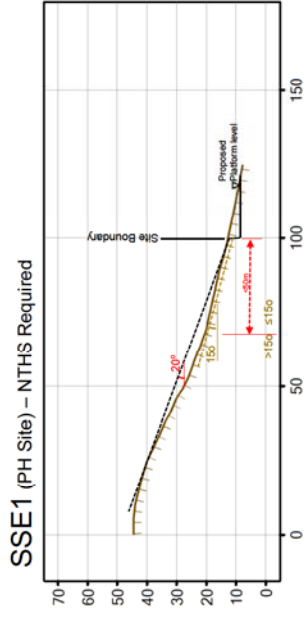
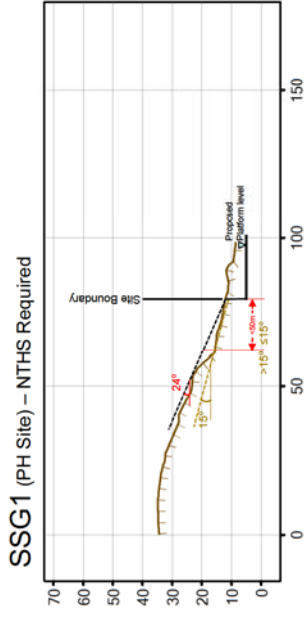
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|-------------|---------------|----------|--------------|
| Drawing no. | Figure 3.2.3b | Rev. | C |
| Drawn | JC | Date | October 2013 |
| Checked | JH | Approved | ST |
| Scale | As Indicated | Status | For Issue |

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Legend

-  Natural Terrain
-  Proposed Site Formation Level



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|-----|--------------|----|--------------|
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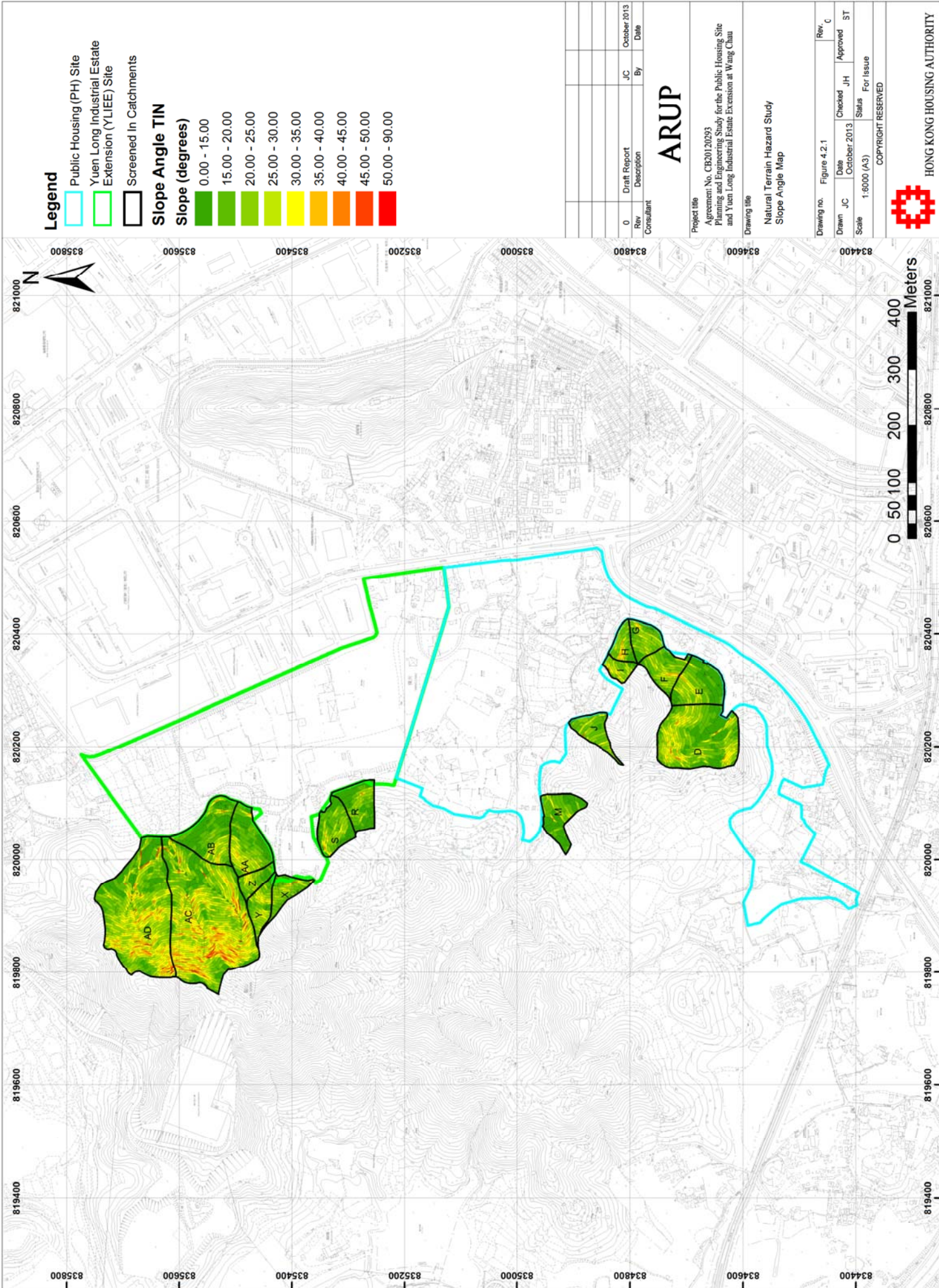
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Project title
 Agreement No. CB20120293
 Planning and Engineering Study for the Public Housing Site
 and Yuen Long Industrial Estate Extension at Wang Chau

Drawing title
 Natural Terrain Hazard Study
 NTHS Screening Sections
 (Sheet 3 of 3)

| Drawing no. | Figure 3.2.3c | Rev. | C |
|-------------|---------------|----------|--------------|
| Drawn | JC | Date | October 2013 |
| Checked | JH | Approved | ST |
| Scale | As Indicated | Status | For Issue |



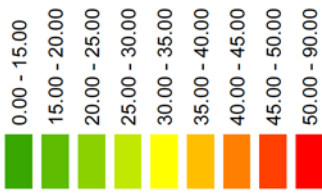


Legend

- Public Housing (PH) Site
- Yuen Long Industrial Estate Extension (YLIEE) Site
- Screened in Catchments

Slope Angle TIN

Slope (degrees)



| Rev | Description | By | Date |
|-----|--------------|----|--------------|
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Project title
 Agreement No. CB20120293
 Planning and Engineering Study for the Public Housing Site
 and Yuen Long Industrial Estate Extension at Wang Chau

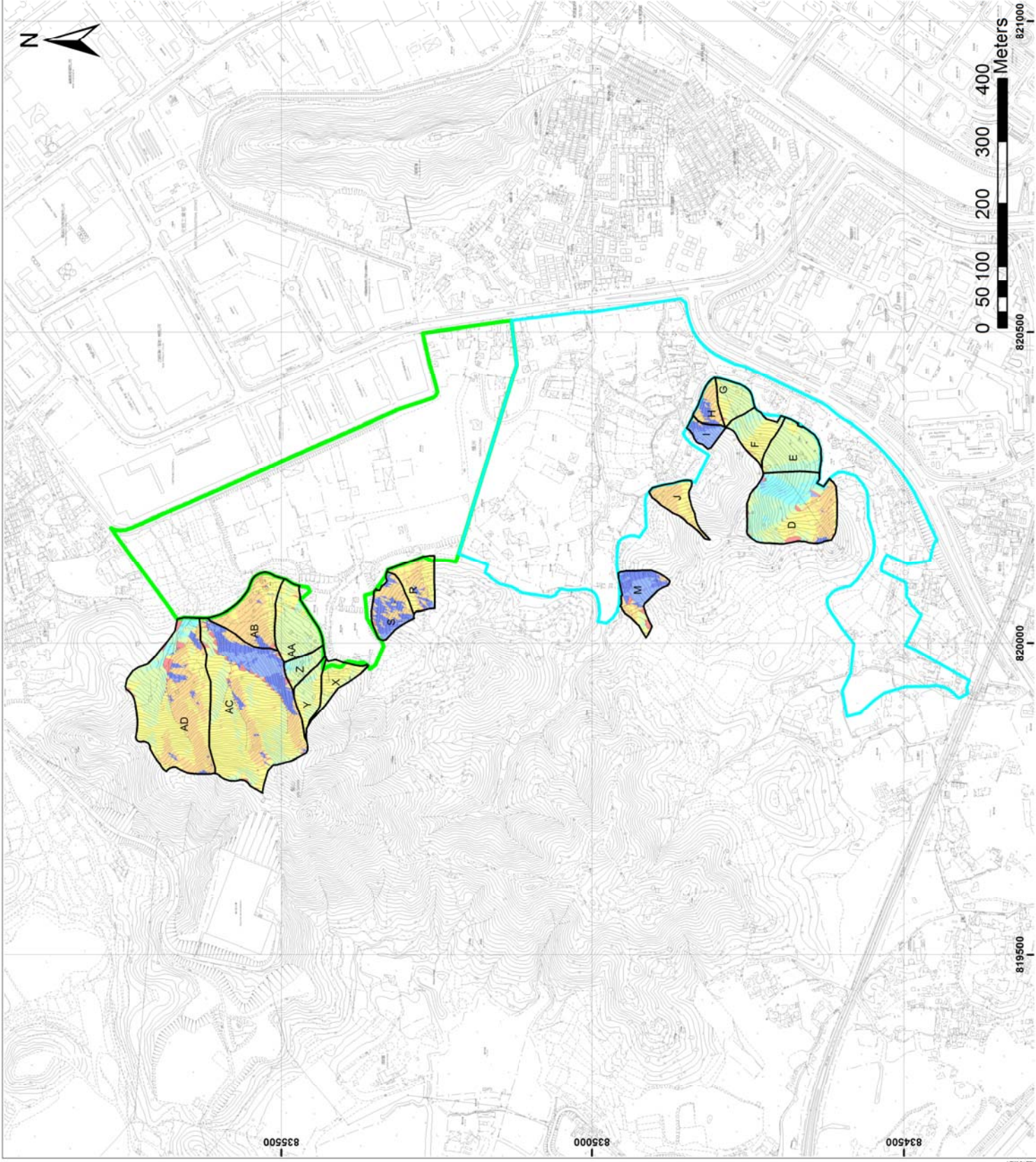
Drawing title
 Natural Terrain Hazard Study
 Slope Angle Map

| | | | |
|-------------|--------------|----------|-----------|
| Drawing no. | Figure 4.2.1 | Rev. | C |
| Drawn | JC | Checked | JH |
| Date | October 2013 | Approved | ST |
| Scale | 1:6000 (A3) | Status | For Issue |

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Legend

- Public Housing (PH) Site
- Yuen Long Industrial Estate Extension (YLIEE) Site
- Screened in Catchments

Slope Aspect TIN

Aspect

- Flat
- Northeast
- East
- Southeast
- South
- Southwest
- West
- Northwest
- North

ARUP

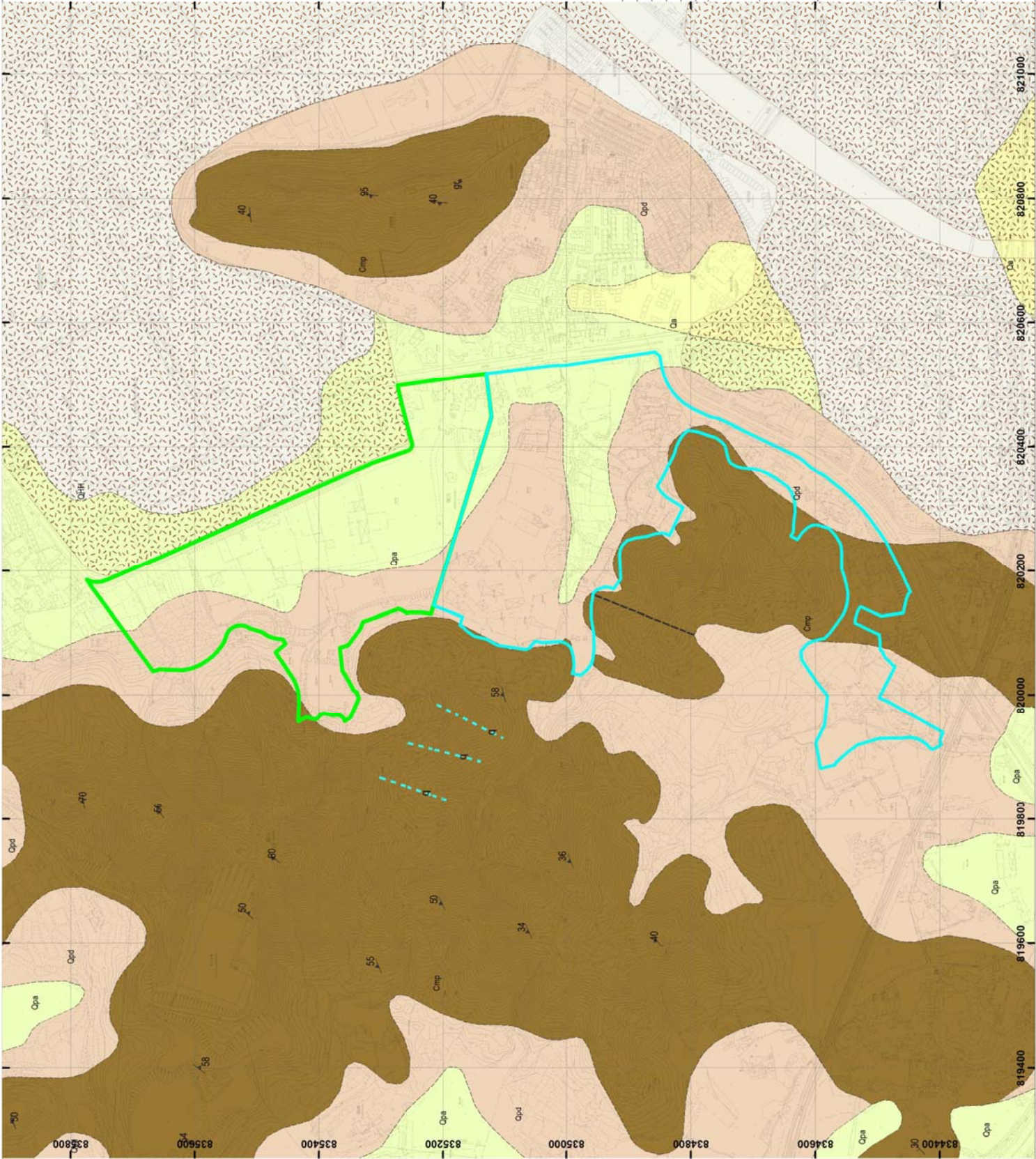
Project title
 Agreement No. CB20120293
 Planning and Engineering Study for the Public Housing Site
 and Yuen Long Industrial Estate Extension at Wang Chau

Drawing title
 Natural Terrain Hazard Study
 Slope Aspect Map

| | | | |
|--------------------|--------------|----------|-----------|
| Drawing no. | Figure 4.2.2 | Rev. | C |
| Drawn | JC | Checked | JH |
| Date | October 2013 | Approved | ST |
| Scale | 1:6000 (A3) | Status | For Issue |
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Legend

- Public Housing (PH) Site
- Yuen Long Industrial Estate Extension (YLIEE) Site

Geology

- FILL
- Quaternary Alluvial Deposits (Clay/silt, sand and gravel; well-sorted to semi-sorted)
- Quaternary Marine Deposits - Hang Hau Formation (Undivided, mainly dark grey marine mud)
- Quaternary Terraced Alluvium (Clay/silt, gravely sandy, well-sorted to semi-sorted)
- Quaternary Debris Flow Deposits (Silt/sand, gravely, clayey with cobbles and boulders; unsorted)
- Carboniferous - Lok Ma Chau Formation (Metastirone and phyllite, with metasandstone)

Structures

- Jointing
- Fault, inferred
- Mineral Vein

| Rev | Description | By | Date |
|-----|--------------|----|--------------|
| 0 | Draft Report | JC | October 2013 |

ARUP

Project title
 Agreement No. CB20120293
 Planning and Engineering Study for the Public Housing Site
 and Yuen Long Industrial Estate Extension at Wang Chau

Drawing title

Natural Terrain Hazard Study
 Solid and Superficial Geological Map –
 Extracted from HLGS 1:20,000 Geological Maps

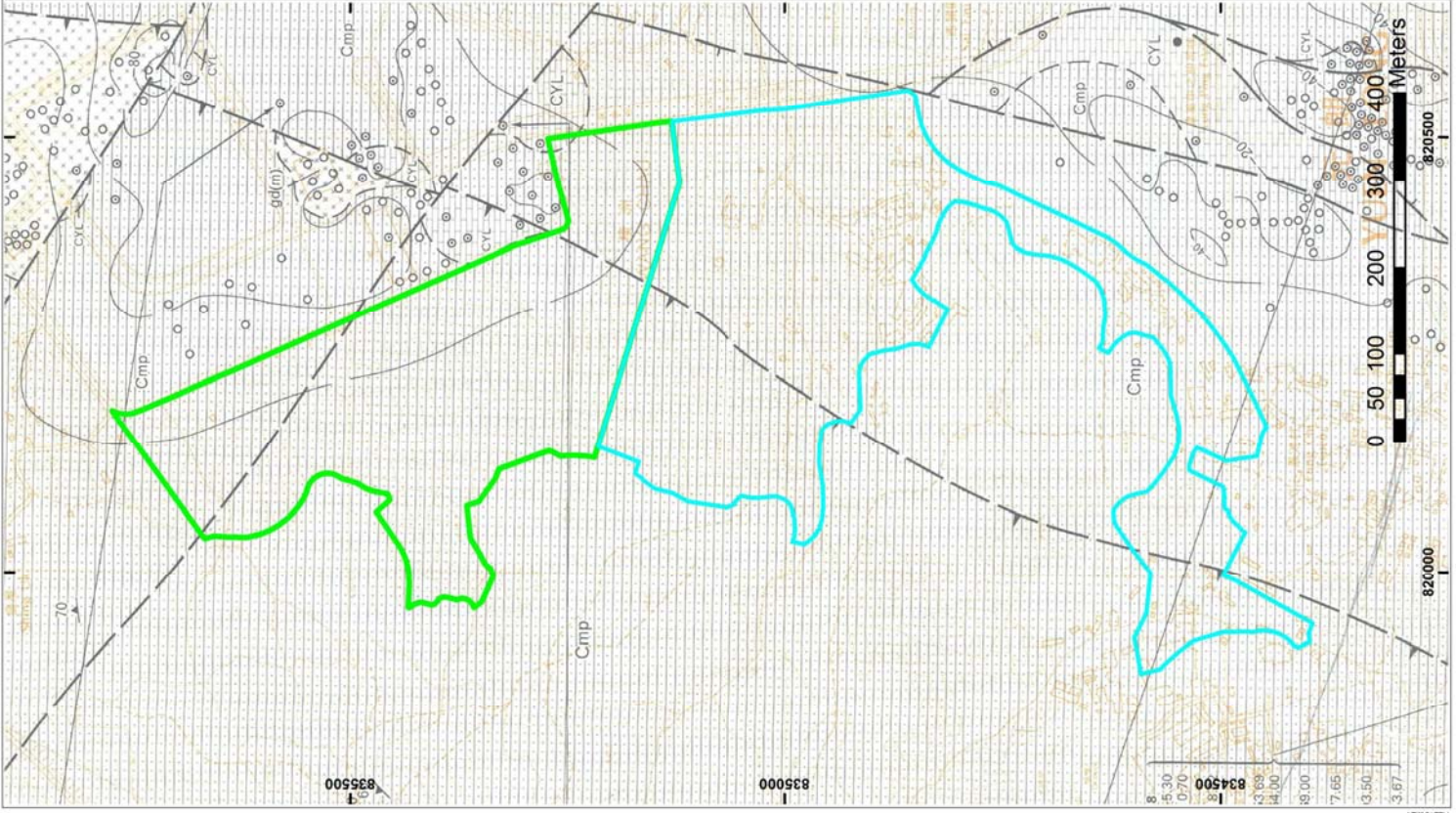
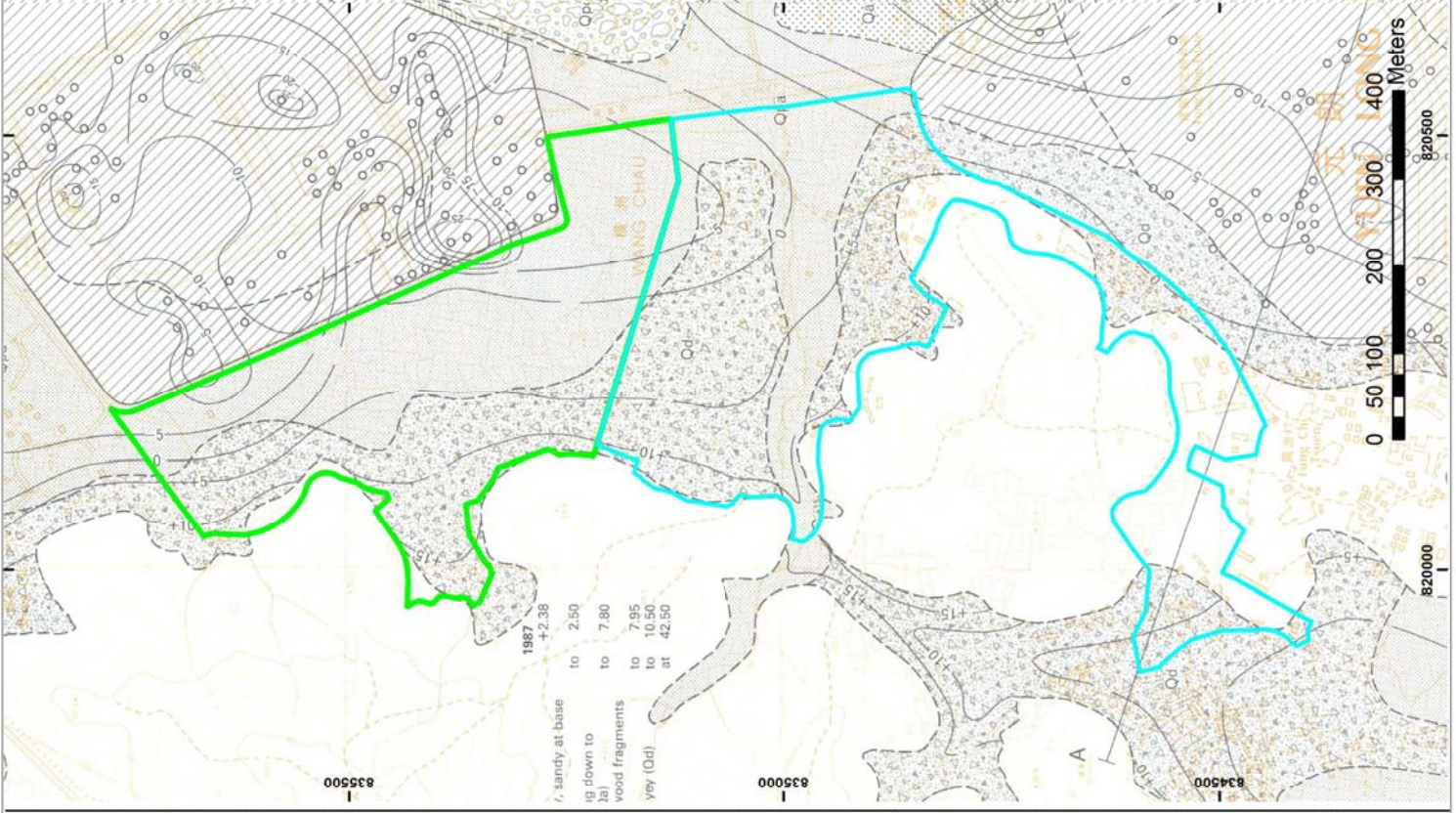
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| Drawing no. | Figure 4.3.1 | Rev. | C |
| Drawn | JC | Checked | JH |
| Date | October 2013 | Approved | ST |
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Note: See Figure 4.3.2b for map legend



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Project title
Agreement No. CB20120293
Planning and Engineering Study for the Public Housing Site
and Yuen Long Industrial Estate Extension at Wang Chau

Drawing title
Natural Terrain Hazard Study
Solid and Superficial Geological Maps –
Extracted from HKGS 1:5,000 Geological Maps

| Drawn | JC | Checked | JH | Approved | ST |
|-------|--------------|---------|-----------|----------|-------------|
| Date | October 2013 | Status | For Issue | Scale | 1:6000 (A3) |

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SOLID GEOLOGY 基岩地質

SEDIMENTARY AND VOLCANIC ROCKS 沉積岩和火山岩

NAMED ROCK DIVISIONS 特種岩層單位名稱 / **PRINCIPAL ROCK TYPES/CHARACTERS 主要岩石類型/特徵**

| | | | | |
|---------------------|----------------------------|--|---------------------------|---|
| MESOZOIC 中生界 | UPPER JURASSIC 上侏羅統 | Tai Mo Shan Formation, undivided (本橋山群 (未分)) | 粗晶山及基岩層灰岩 (粗晶山) | Coarse ash crystal tuff (metamorphosed) |
| | CARBONIFEROUS 石炭系 | Tuen Mun Formation, Member (屯門群 禾水潭段) | 葵蔴的泥質粉砂岩、礫質粉砂岩及泥質粉砂岩 (葵蔴) | Intersbedded tuff, basaltic tuffaceous conglomerate and tuffaceous siltstone with clasts of marble, quartz, and tuff; metamorphosed |
| | PALAEZOIC 古生界 | Lok Ma Chau Formation (洛馬洲群) | 千頁岩、頁岩和砂岩 (洛馬洲) | Phyllite, metasilstones with metasandstone and graphite schist |
| | | Yuen Long Formation (元朗群) | 大理岩、互層的大理岩和粉砂岩 (元朗) | Marble and interbedded marble and siltstone |
| | | Ma Tin Formation (馬田群) | 淺灰色至白色塊狀大理石 (馬田) | Marble, pale grey to off-white, massive |

MAJOR INTRUSIVE IGNEOUS ROCKS 主要侵入火成岩

| | | | | |
|-------------------------------------|-----------------------|-----------------------|--------------------|---|
| MESOZOIC TO TERTIARY 中生代至第三紀 | CRETACEOUS 白堊紀 | Granodiorite (粗粒閃輝石岩) | 粗粒閃輝石岩、粗粒閃輝石岩 (白堊) | Fine-grained granite, metamorphosed in part |
|-------------------------------------|-----------------------|-----------------------|--------------------|---|

MINOR INTRUSIVE IGNEOUS ROCKS 次要侵入火成岩 (缺省)

| | | | | |
|-------------------------------------|----------------------|----------------|-----|-------------------------|
| MESOZOIC TO TERTIARY 中生代至第三紀 | ANDESITIC 安山岩 | Andesite (安山岩) | 安山岩 | Andesite, metamorphosed |
| | Basalt 輝綠岩 | Basalt (輝綠岩) | 輝綠岩 | Basalt |

METAMORPHIC ROCKS 變質岩

| | | | | |
|------------------------------|---------|---------------------|-----|---------------|
| METAMORPHIC ROCKS 變質岩 | (m) 變質岩 | Metamorphosed (變質岩) | 變質岩 | Metamorphosed |
| | (sh) 片狀 | Schistose (片狀) | 片狀 | Schistose |

GEOLOGICAL LINES 地質界線

| | | | | |
|------------------------------|---|--|----------------------------|---|
| GEOLOGICAL LINES 地質界線 | Geological boundary/solid rock | Geological boundary/solid rock (地質界線/實體岩) | 地質界線/實體岩 | Geological boundary/solid rock |
| | Fault (crossmark indicates downthrow side) | Fault (crossmark indicates downthrow side) (斷層 (標記指示下盤)) | 斷層 (標記指示下盤) | Fault (crossmark indicates downthrow side) |
| | Trinast fault (barbs on upper plate) | Trinast fault (barbs on upper plate) (三刺斷層, 箭頭指向上盤) | 三刺斷層, 箭頭指向上盤 | Trinast fault (barbs on upper plate) |
| | Contours on base of completely weathered rock, in metres relative to P.D. | Contours on base of completely weathered rock, in metres relative to P.D. (全風化岩石的基面等高線以基準點為單位, 單位為海平面) | 全風化岩石的基面等高線以基準點為單位, 單位為海平面 | Contours on base of completely weathered rock, in metres relative to P.D. |

STRUCTURAL SYMBOLS 構造符號

| | | | | |
|--------------------------------|--------------------|-------------------------|----|--------------------|
| STRUCTURAL SYMBOLS 構造符號 | Bedding (inclined) | Bedding (inclined) (層理) | 層理 | Bedding (inclined) |
| | Foliation | Foliation (葉理) | 葉理 | Foliation |
| | Jointing | Jointing (節理) | 節理 | Jointing |

All dips and plunges measured in degrees from horizontal. 所有傾角和傾伏角均以水平位置量計

BOREHOLE SYMBOLS 鑽孔符號

| | | | | |
|------------------------------|--|---|--------------|--|
| BOREHOLE SYMBOLS 鑽孔符號 | Borehole proving marble | Borehole proving marble (鑽孔探明大理岩) | 鑽明有大理石之鑽孔 | Borehole proving marble |
| | Borehole proving marble with cavities beneath the Karst Zone | Borehole proving marble with cavities beneath the Karst Zone (鑽明有溶洞之大理岩之鑽孔) | 鑽明有溶洞之大理岩之鑽孔 | Borehole proving marble with cavities beneath the Karst Zone |
| | Borehole proving strata other than marble | Borehole proving strata other than marble (鑽明有非大理岩之鑽孔) | 鑽明有非大理岩之鑽孔 | Borehole proving strata other than marble |

SUPERFICIAL DEPOSITS 表土沉積

GENETIC CLASSIFICATION OR NAMED DIVISIONS 成因類型或地層名稱

PRINCIPAL MATERIALS 主要物質成份

| | | | | |
|-----------------------|---------------------|-------------------------------|----------------|---|
| QUATERNARY 第四系 | HOLOCENE 全新統 | Fill (填土) | 填土 | Natural earth and waste |
| | | Alluvium (沖積物) | 沖積物 | Clay/silt, sand gravel, well-sorted to semi-sorted |
| | | Beach deposits (海灘沉積物) | 海灘沉積物 | Sand |
| | | UNDIVIDED (未分) | UNDIVIDED (未分) | Undivided, mainly dark grey marine mud |
| | | Debris flow deposits (堆積、洪積物) | 堆積、洪積物 | Unsorted sand, gravel, cobbles and boulders; clay/silt matrix |
| | | Terraced alluvium (階地沖積物) | 階地沖積物 | Clay/silt, gravelly sandy, well-sorted to semi-sorted |
| | | Debris flow deposits (堆積、洪積物) | 堆積、洪積物 | Silt/sand, clayey with cobbles and boulders; unsorted |

SOLID GEOLOGY 基岩地質

Not shown; refer to Solid Geology Map. 有關基岩地質資料, 請參閱基岩地質圖。

GEOLOGICAL LINES 地質界線

| | | | | |
|------------------------------|---|--|--------------------------------------|---|
| GEOLOGICAL LINES 地質界線 | Geological boundary, superficial deposit | Geological boundary, superficial deposit (地質界線, 表土沉積物) | 地質界線, 表土沉積物 | Geological boundary, superficial deposit |
| | Fill boundary, with limit of reclamation at date shown | Fill boundary, with limit of reclamation at date shown (填土界線, 附填土年份) | 填土界線, 附填土年份 | Fill boundary, with limit of reclamation at date shown |
| | Contours on the base of the superficial deposits in metres relative to P.D.; crossmarks indicate deep side of closer contours | Contours on the base of the superficial deposits in metres relative to P.D.; crossmarks indicate deep side of closer contours (表土沉積物基面的等高線, 以基準點為單位, 單位為海平面; 標記指示深側) | 表土沉積物基面的等高線, 以基準點為單位, 單位為海平面; 標記指示深側 | Contours on the base of the superficial deposits in metres relative to P.D.; crossmarks indicate deep side of closer contours |

BOREHOLE SYMBOLS 鑽孔符號

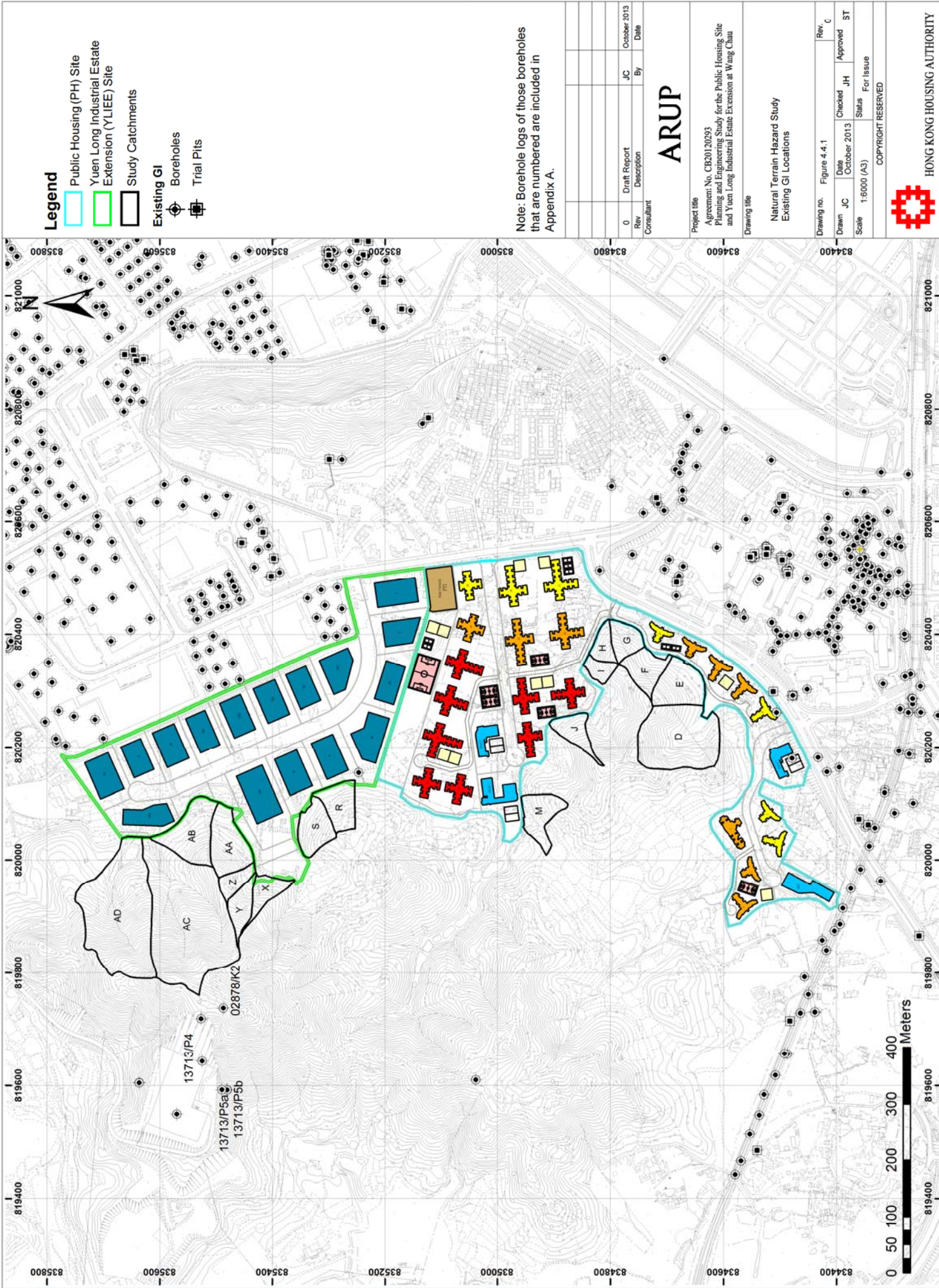
| | | | | |
|------------------------------|---------------------------------------|---|-------------|---------------------------------------|
| BOREHOLE SYMBOLS 鑽孔符號 | Borehole proving superficial deposits | Borehole proving superficial deposits (鑽明有表土沉積物之鑽孔) | 鑽明有表土沉積物之鑽孔 | Borehole proving superficial deposits |
|------------------------------|---------------------------------------|---|-------------|---------------------------------------|

ARUP

| | | | |
|----------------------|--|-----------------|-----------|
| Project title | Agreement No. CB201/20293 Planning and Engineering Study for the Public Housing Site and Yuen Long Industrial Estate Extension at Wang Chau | | |
| Drawing title | Natural Terrain Hazard Study Solid and Superficial Geological Maps Legend - Extracted from HKGS 1:5,000 Geological Maps | | |
| Drawing no. | Figure 4.3.2b | Rev. | C |
| Drawn | JC | Checked | JH |
| Date | July 2013 | Approved | ST |
| Scale | - | Status | For Issue |
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Legend

- Public Housing (PH) Site
- Yuen Long Industrial Estate Extension (YLIEE) Site
- Study Catchments
- Existing GI
- Boreholes
- Trial Pits

Note: Borehole logs of those boreholes that are numbered are included in Appendix A.

| Rev | Description | By | Date |
|-----|--------------|----|--------------|
| 0 | Draft Report | JC | October 2013 |

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Project title
 Agreement No. CB20120293
 Planning and Engineering Study for the Public Housing Site
 and Yuen Long Industrial Estate Extension at Wang Chau

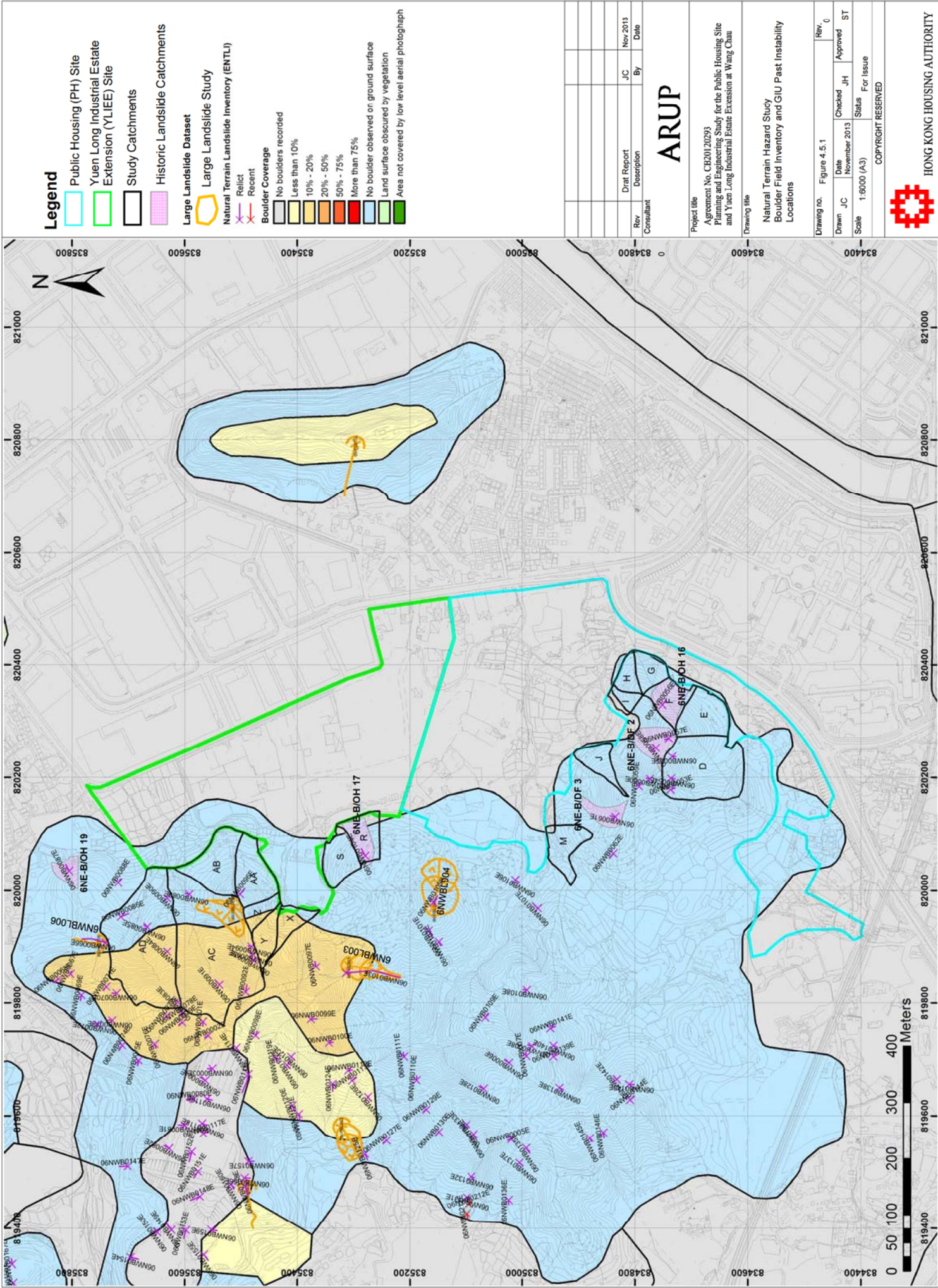
Drawing title

Natural Terrain Hazard Study
 Existing GI Locations

| | | | |
|-------------|--------------|----------|-----------|
| Drawing no. | Figure 4.1 | Rev. | C |
| Drawn | JC | Checked | JH |
| Date | October 2013 | Approved | ST |
| Scale | 1:6000 (A3) | Status | For Issue |



HONG KONG HOUSING AUTHORITY



Legend

- Public Housing (PH) Site
- Yuen Long Industrial Estate Extension (YLIEE) Site
- Study Catchments
- Historic Landslide Catchments

Large Landslide Dataset

- Large Landslide Study
- Natural Terrain Landslide Inventory (ENTLI)

Natural Terrain Landslide Inventory (ENTLI)

- ✕ Relict
- ✕ Recent

Boulder Coverage

- No boulders recorded
- Less than 10%
- 10% - 20%
- 20% - 50%
- 50% - 75%
- More than 75%
- No boulder observed on ground surface
- Land surface obscured by vegetation
- Area not covered by low level aerial photograph

| Rev | Description | By | Date |
|-----|--------------|----|----------|
| JC | Draft Report | JC | Nov 2013 |

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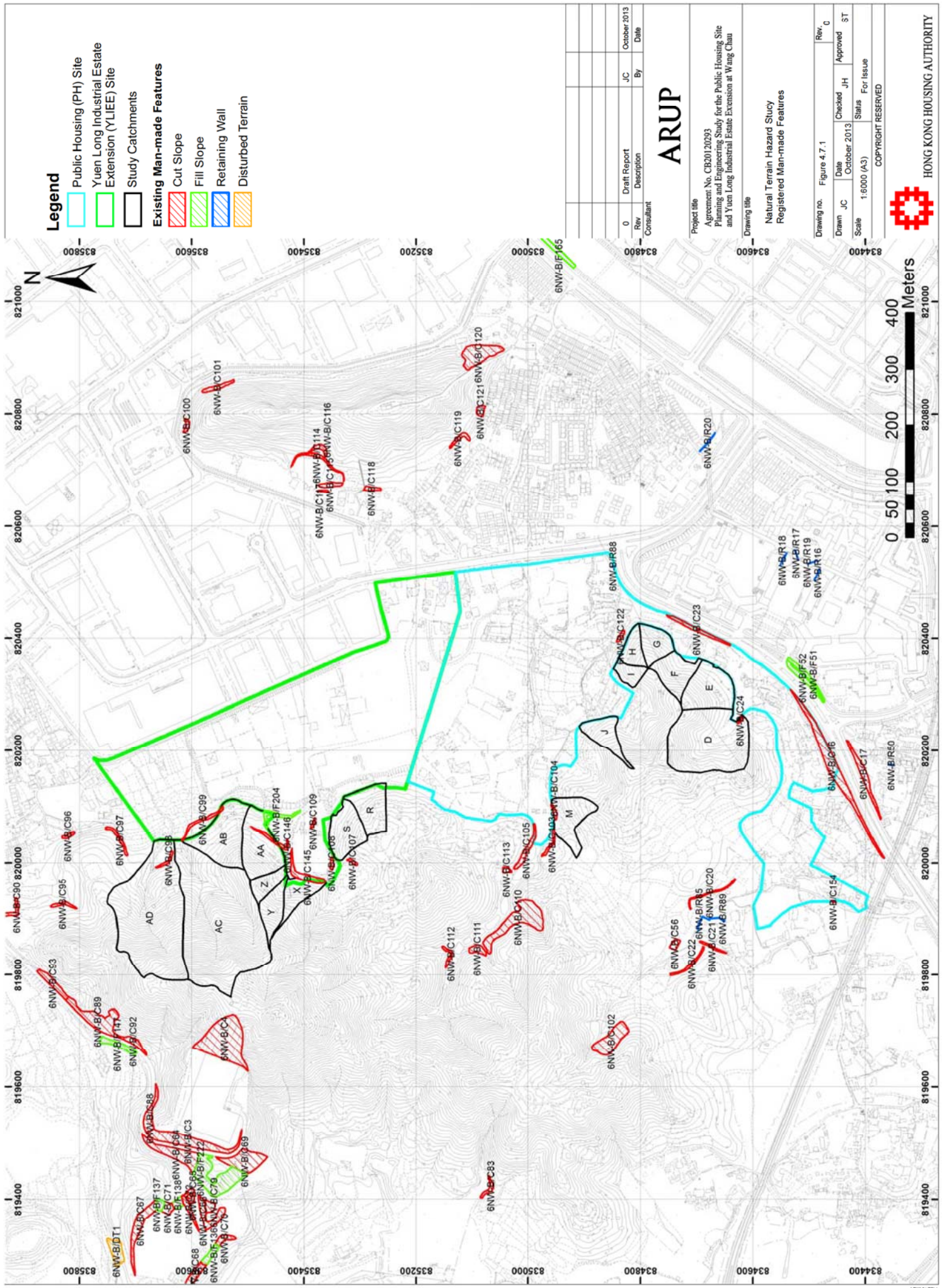
Project title
 Agreement No. CE20120293
 Planning and Engineering Study for the Public Housing Site
 and Yuen Long Industrial Estate Extension at Wang Chau

Drawing title
 Natural Terrain Hazard Study
 Boulder Field Inventory and GIU Past Instability
 Locations

| | | | |
|-------------|---------------|----------|-----------|
| Drawing no. | Figure 4.5.1 | Rev. | 0 |
| Drawn | JC | Checked | JH |
| Date | November 2013 | Approved | ST |
| Scale | 1:6000 (A3) | Status | For Issue |

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- Legend**
- Public Housing (PH) Site
 - Yuen Long Industrial Estate Extension (YLIEE) Site
 - Study Catchments
- Existing Man-made Features**
- Cut Slope
 - Fill Slope
 - Retaining Wall
 - Disturbed Terrain

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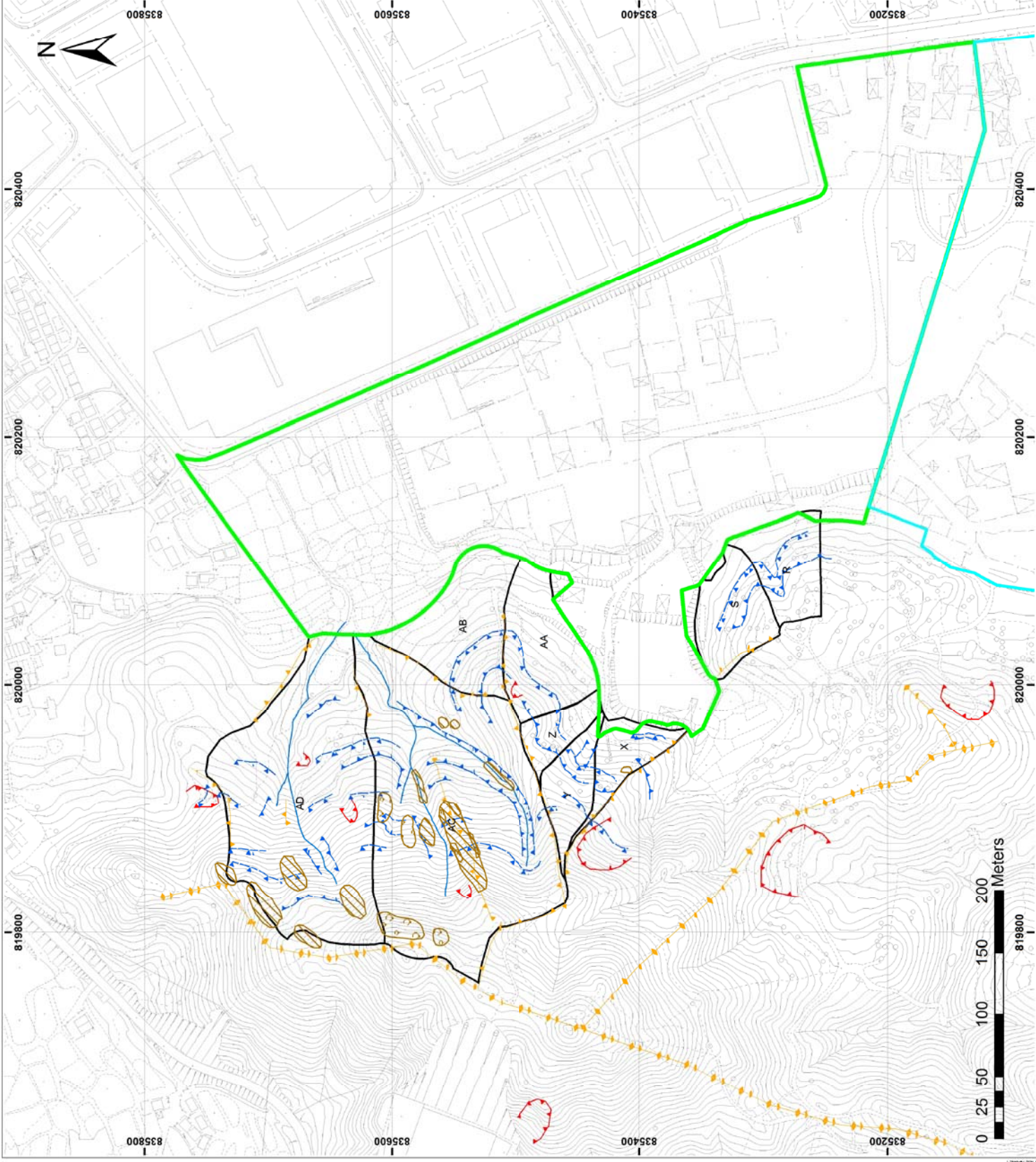
Project title
 Agreement No. CB200120293
 Planning and Engineering Study for the Public Housing Site
 and Yuen Long Industrial Estate Extension at Wang Chau

Drawing title
 Natural Terrain Hazard Study
 Registered Man-made Features

| | | |
|--------------------|--------------|------------------|
| Rev. | 0 | |
| Drawn | JC | October 2013 |
| Date | October 2013 | Checked JH |
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Legend

- Public Housing (PH) Site
- Yuen Long Industrial Estate Extension (YLIEE) Site
- NTHS Catchments

Geomorphological Detail

- Ridgeline
- Spurline
- Convex Break
- Concave change
- Convex Change
- Drainage Line (perennial)
- Rock outcrop
- Boulder

| Rev | Description | By | Date |
|-----|--------------|----|----------|
| 0 | Draft Report | JC | Mar 2014 |

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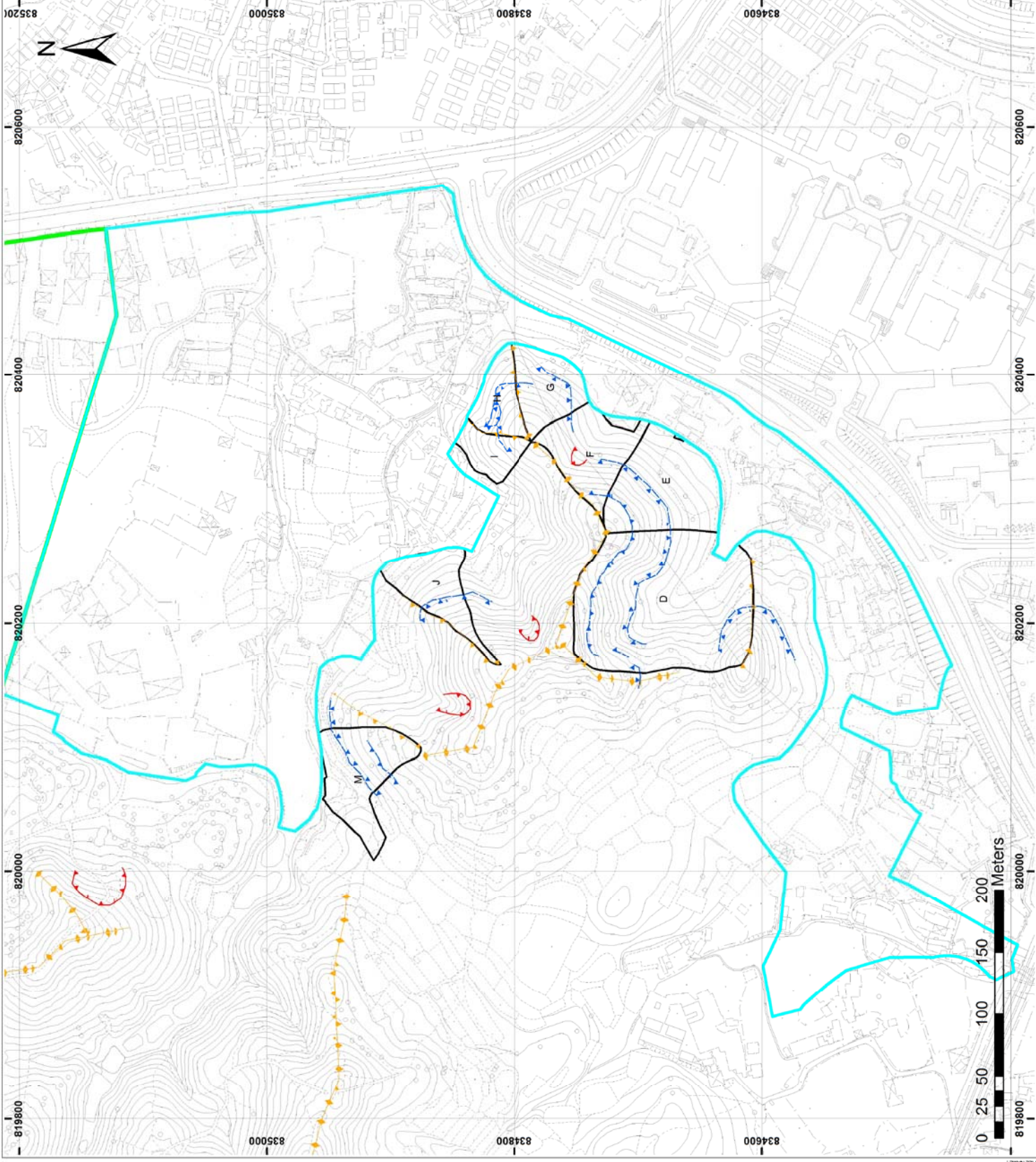
Project title
 Agreement No. CE20120293
 Planning and Engineering Study for the Public Housing Site
 and Yuen Long Industrial Estate Extension at Wang Chau

Drawing title
 Natural Terrain Hazard Study
 Engineering Geological Map (North)

| Drawing no. | Figure 6.2.1 | Rev. |
|-------------|--------------|-----------|
| Drawn | JC | 0 |
| Date | Mar 2014 | Approved |
| Scale | 1:3000 (A3) | Status |
| | | For issue |

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Legend

- Public Housing (PH) Site
- Yuen Long Industrial Estate Extension (YLIEE) Site
- NTHS Catchments

Geomorphological Detail

- Ridgeline
- Spurline
- Convex Break
- Concave change
- Convex Change
- Drainage Line (perennial)
- Rock outcrop
- Boulder

| Rev | Description | By | Date |
|-----|--------------|----|----------|
| 0 | Draft Report | JC | Mar 2014 |

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Project title
 Agreement No. CE200120293
 Planning and Engineering Study for the Public Housing Site
 and Yuen Long Industrial Estate Extension at Wang Chau

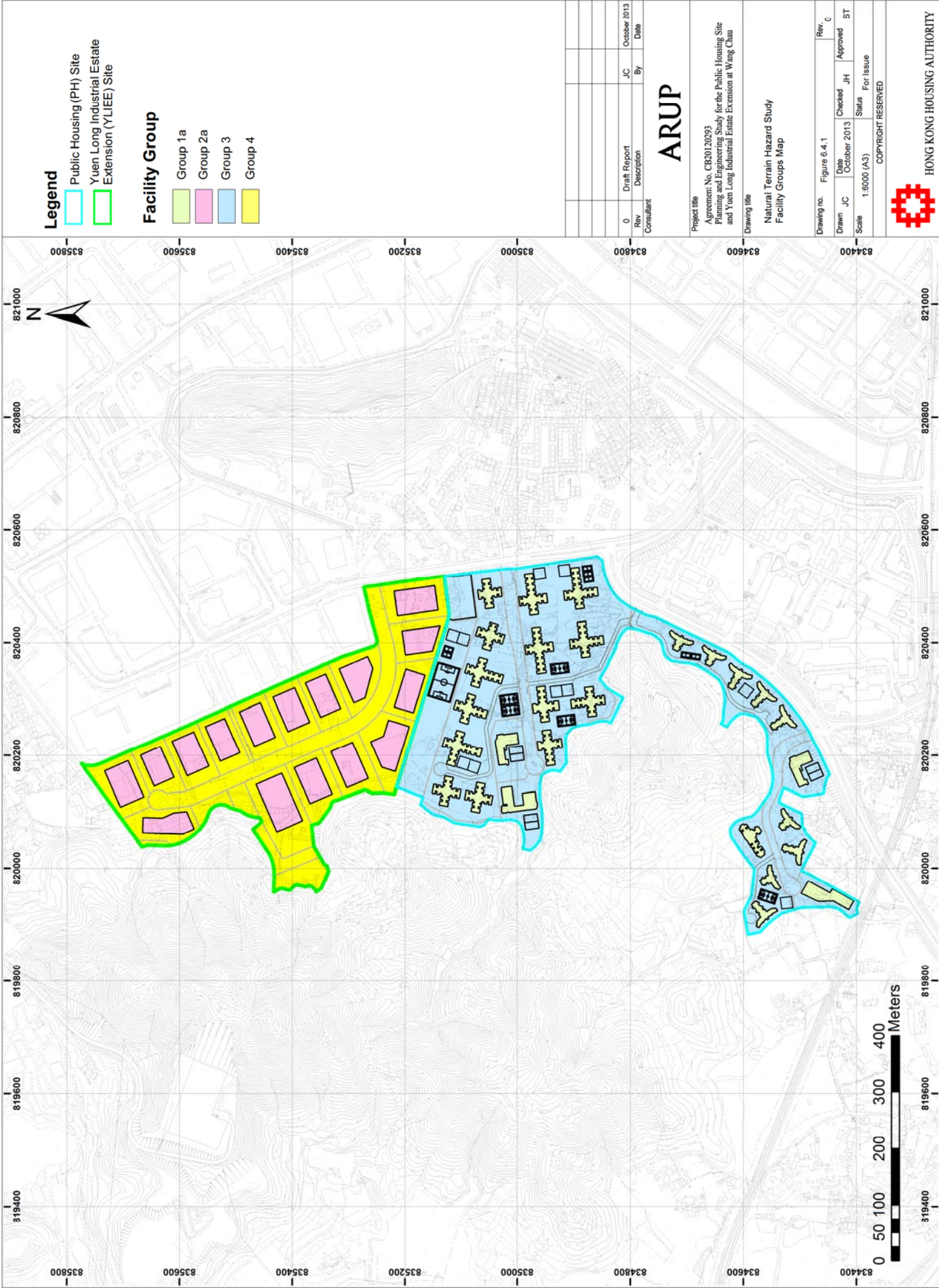
Drawing title
 Natural Terrain Hazard Study
 Engineering Geological Map (South)

| | | | |
|-------------|--------------|----------|-----------|
| Drawing no. | Figure 6.2.2 | Rev. | 0 |
| Drawn | JC | Date | Mar 2014 |
| Checked | SWM | Approved | ST |
| Scale | 1:3000 (A3) | Status | For issue |

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Legend

- Public Housing (PH) Site
- Yuen Long Industrial Estate Extension (YLIEE) Site

Facility Group

- Group 1a
- Group 2a
- Group 3
- Group 4

| Rev | Description | By | Date |
|-----|--------------|----|--------------|
| 0 | Draft Report | JC | October 2013 |

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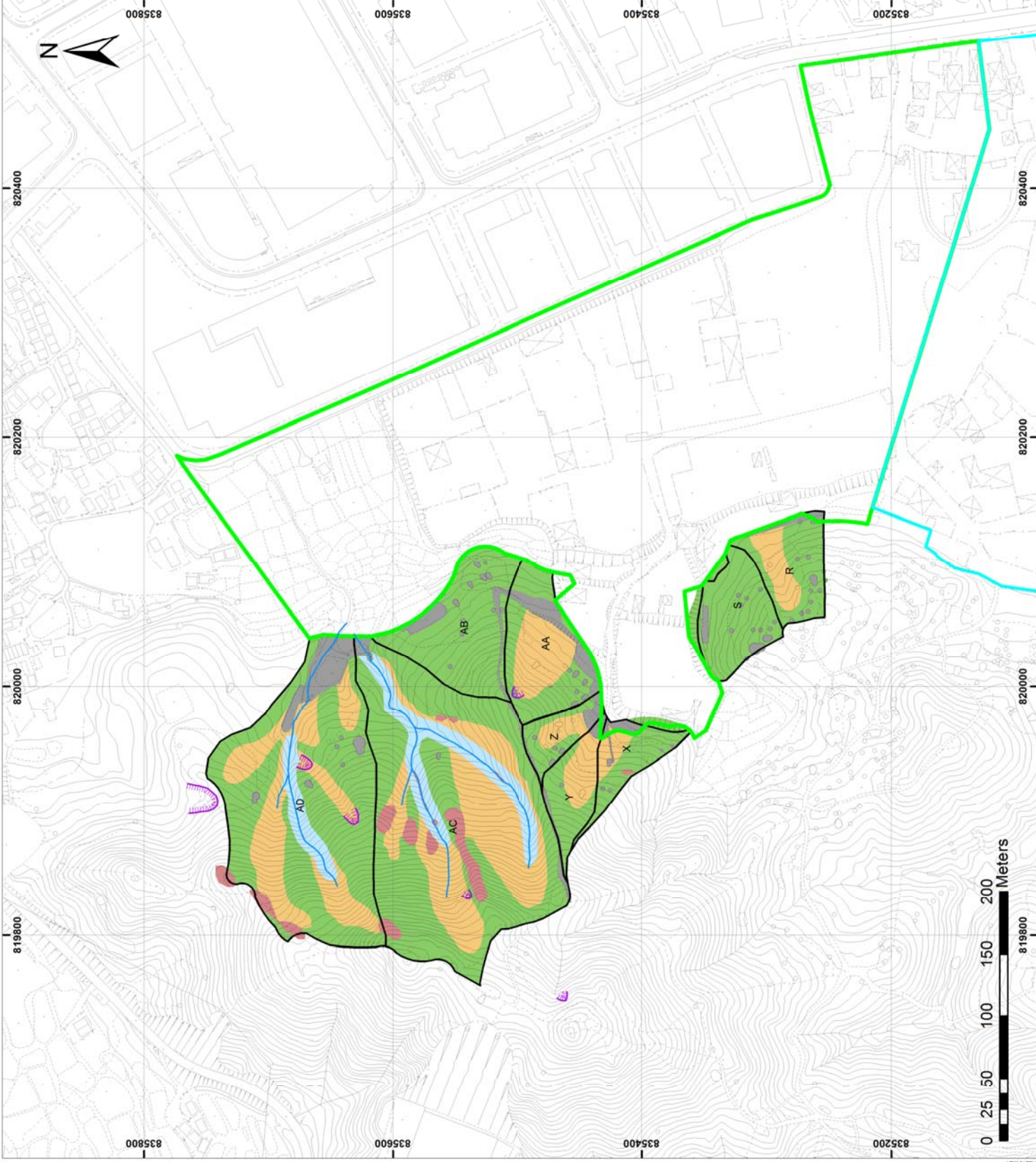
Project title
 Agreement No. CB20120293
 Planning and Engineering Study for the Public Housing Site
 and Yuen Long Industrial Estate Extension at Wang Chau

Drawing title
 Natural Terrain Hazard Study
 Facility Groups Map

| | | | |
|-------------|--------------|----------|-----------|
| Drawing no. | Figure 6.4.1 | Rev. | 0 |
| Drawn | JC | Checked | JH |
| Date | October 2013 | Approved | ST |
| Scale | 1:6000 (A3) | Status | For Issue |



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Legend

- Public Housing (PH) Site
- Yuen Long Industrial Estate Extension (YLIEE) Site
- Study Catchments

Terrain Units

- Rock Outcrop
- Channel Terrain
- Anthropogenically Modified Terrain
- Valley Terrain
- Open Valley Terrain
- Interfluvial Terrain

Confirmed Relict Landslides (API and Field)

- Relict Landslide

| Rev | Description | By | Date |
|-----|--------------|----|--------------|
| 0 | Draft Report | JC | October 2013 |

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Project title
 Agreement No. CB20120293
 Planning and Engineering Study for the Public Housing Site
 and Yuen Long Industrial Estate Extension at Wang Chau

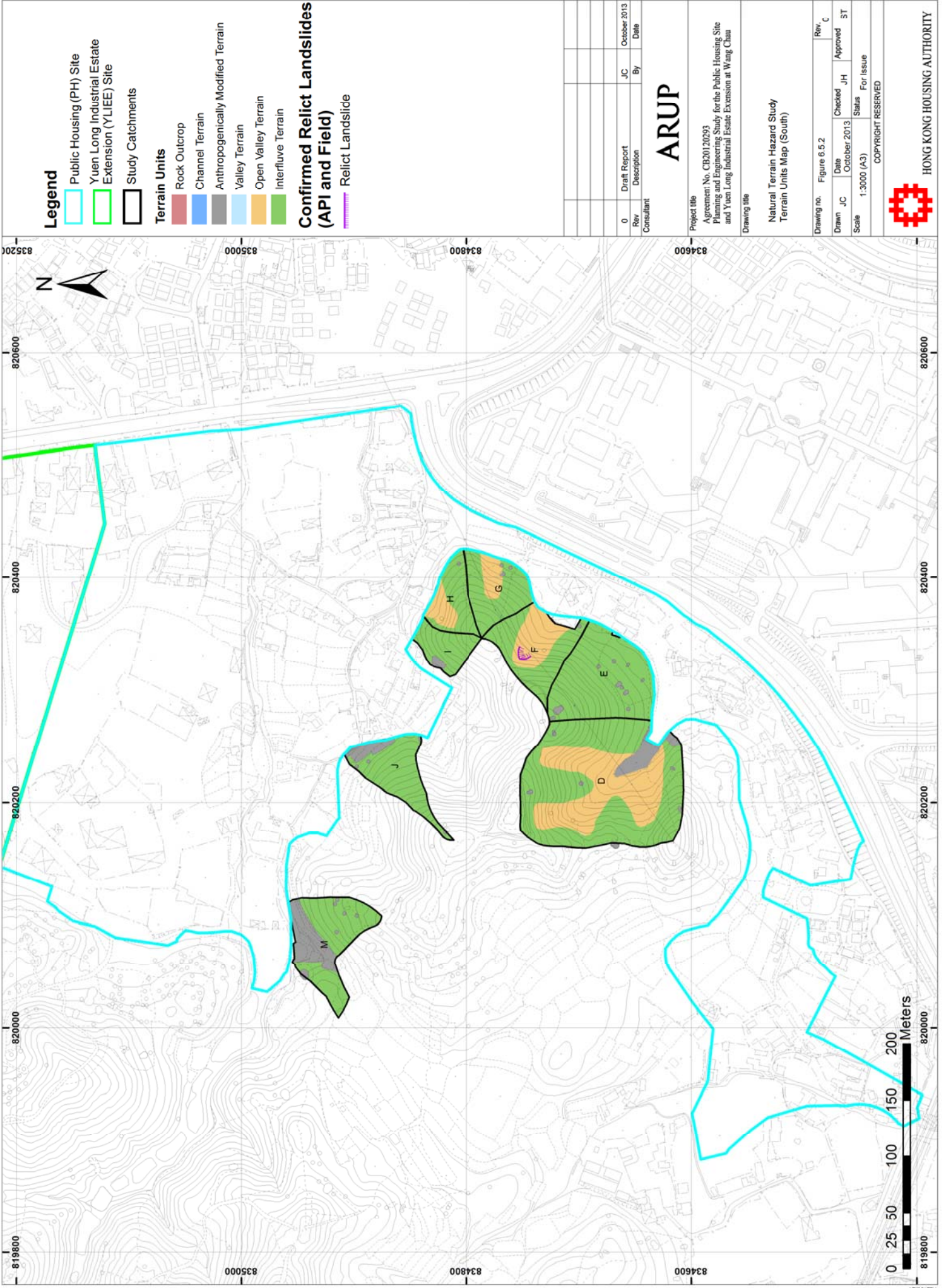
Drawing title
 Natural Terrain Hazard Study
 Terrain Units Map (North)

| | | | |
|-------------|--------------|----------|-----------|
| Drawing no. | Figure 6.5.1 | Rev. | C |
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| Date | October 2013 | Approved | ST |
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Legend

- Public Housing (PH) Site
- Yuen Long Industrial Estate Extension (YLIEE) Site
- Study Catchments

Terrain Units

- Rock Outcrop
- Channel Terrain
- Anthropogenically Modified Terrain
- Valley Terrain
- Open Valley Terrain
- Interfluve Terrain

Confirmed Relict Landslides (API and Field)

- Relict Landslide

| Rev | Description | By | Date |
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| 0 | Draft Report | JC | October 2013 |

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Project title

Agreement No. CB20120293
 Planning and Engineering Study for the Public Housing Site
 and Yuen Long Industrial Estate Extension at Wang Chau

Drawing title

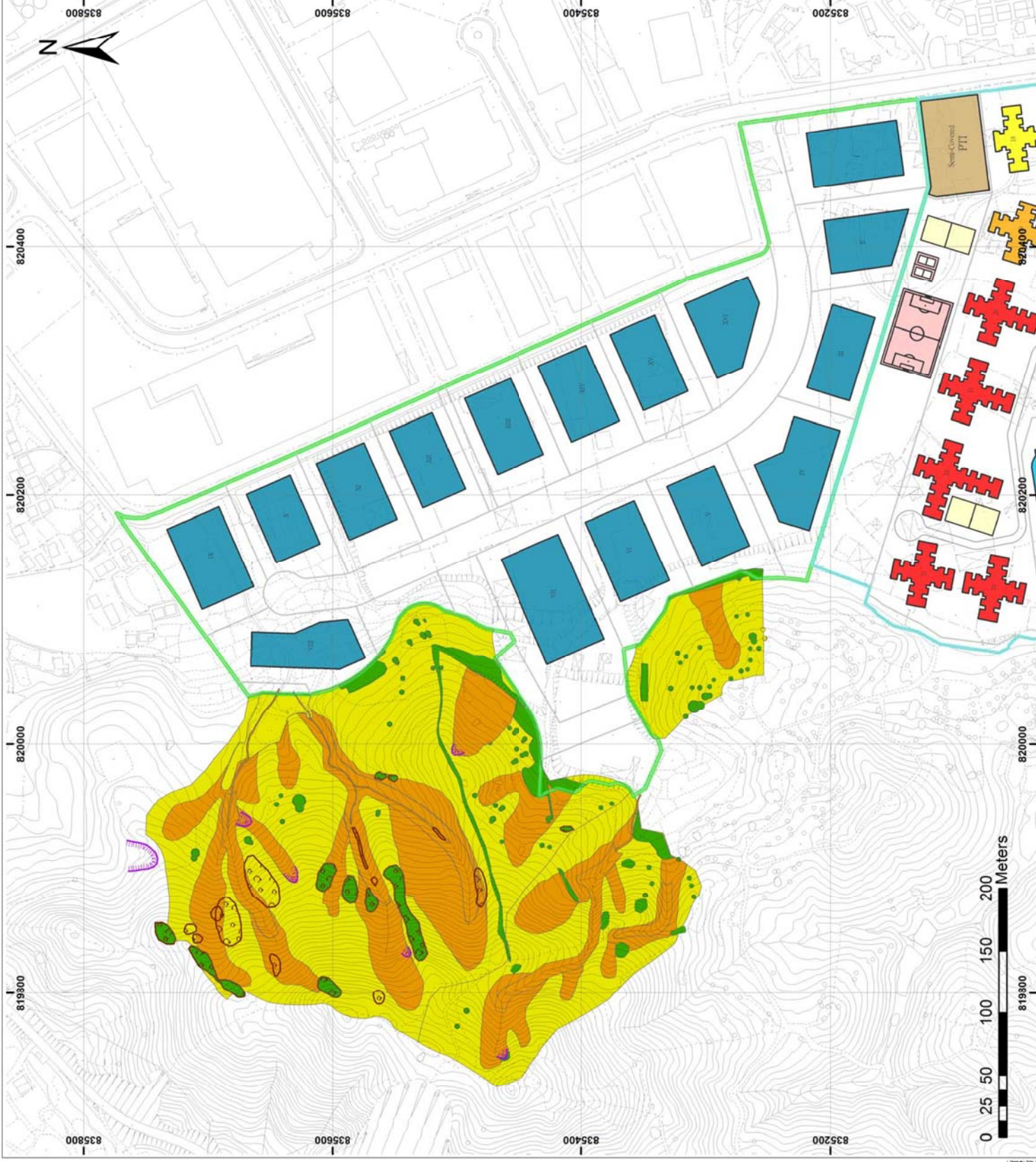
Natural Terrain Hazard Study
 Terrain Units Map (South)

| | | | |
|-------------|--------------|----------|-----------|
| Drawing no. | Figure 6.5.2 | Rev. | C |
| Drawn | JC | Checked | JH |
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Legend

- Public Housing (PH) Site
- Yuen Long Industrial Estate Extension (YLIEE) Site

Landslide Hazard Unit

- Medium Volume (100m³)
- Low Volume (50m³)
- Very Low Volume (<50m³)

- Potential Boulder Fall Source

Confirmed Relict Landslides

- (API or Field)
- Relict Landslide

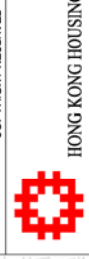
| Rev | Description | By | Date |
|-----|--------------|----|----------|
| 0 | Draft Report | JC | Nov 2013 |

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Project title
 Agreement No. CE20120293
 Planning and Engineering Study for the Public Housing Site
 and Yuen Long Industrial Estate Extension at Wang Chau

Drawing title
 Natural Terrain Hazard Study
 Terrain Hazard Map (North)

| | | | |
|-------------|---------------|----------|-----------|
| Drawing no. | Figure 6.5.3 | Rev. | 0 |
| Drawn | JC | Checked | JH |
| Date | November 2013 | Approved | ST |
| Scale | 1:3000 (A3) | Status | For Issue |



0 25 50 100 150 200 Meters



Legend

- Public Housing (PH) Site
- Yuen Long Industrial Estate Extension (YLIEE) Site

Landslide Hazard Unit

- Medium Volume (100m³)
- Low Volume (50m³)
- Very Low Volume (<50m³)

Confirmed Relict Landslides (API or Field)

- Relict Landslide

Note

No boulder or rock hazards identified in the natural terrain adjacent to the proposed Housing Development

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| 0 | Draft Report | JC | Nov 2013 |

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Project title

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 Planning and Engineering Study for the Public Housing Site and Yuen Long Industrial Estate Extension at Wang Chau

Drawing title

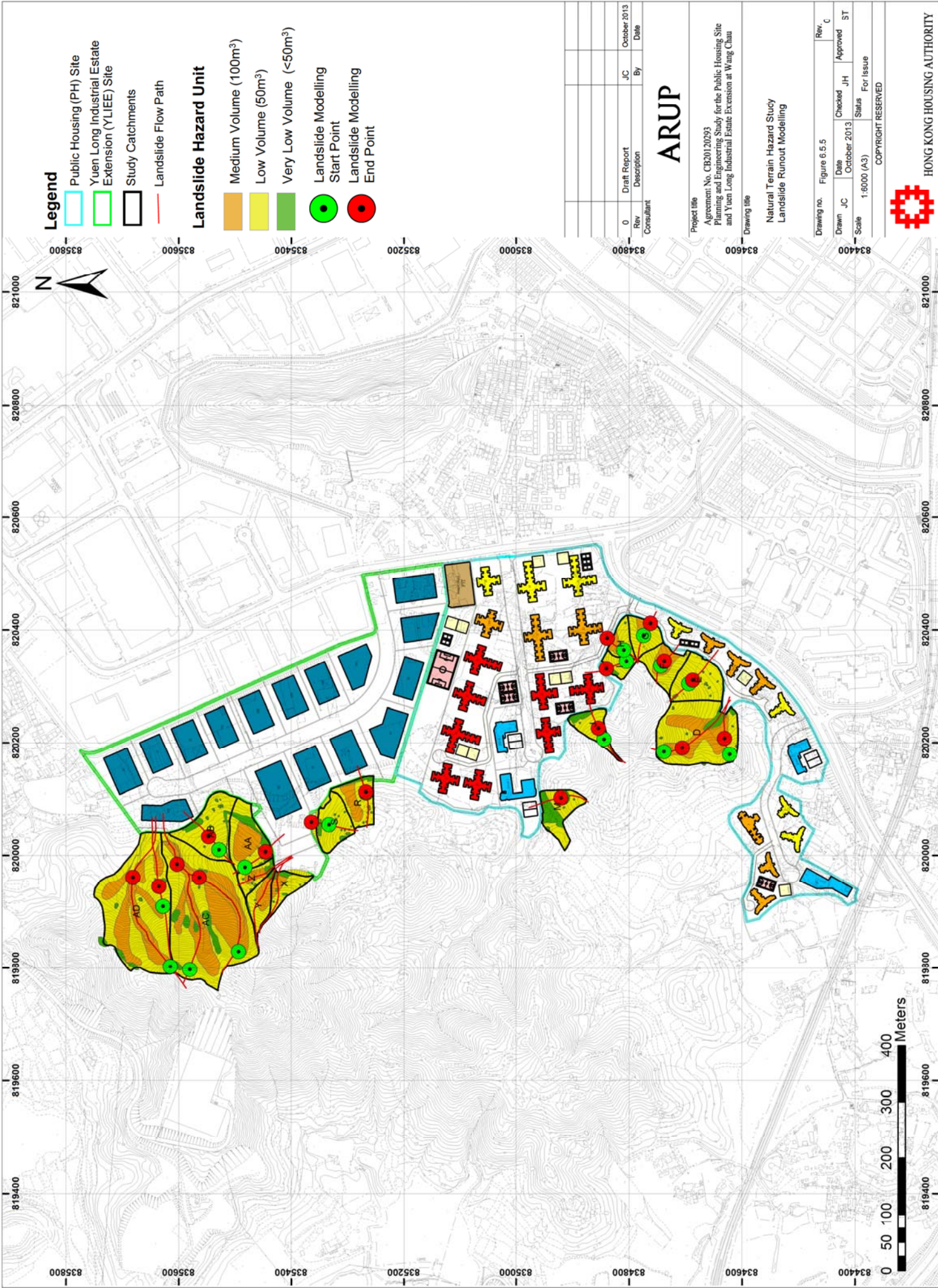
Natural Terrain Hazard Study
 Terrain Hazard Map (South)

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|-------------|---------------|----------|-----------|
| Drawing no. | Figure 6.5.4 | Rev. | 0 |
| Drawn | JC | Checked | JH |
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Legend

- Public Housing (PH) Site
- Yuen Long Industrial Estate Extension (YLIEE) Site
- Study Catchments
- Landslide Flow Path

Landslide Hazard Unit

- Medium Volume (100m³)
- Low Volume (50m³)
- Very Low Volume (<50m³)
- Landslide Modelling Start Point
- Landslide Modelling End Point

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Project title
 Agreement No. CB20120293
 Planning and Engineering Study for the Public Housing Site
 and Yuen Long Industrial Estate Extension at Wang Chau

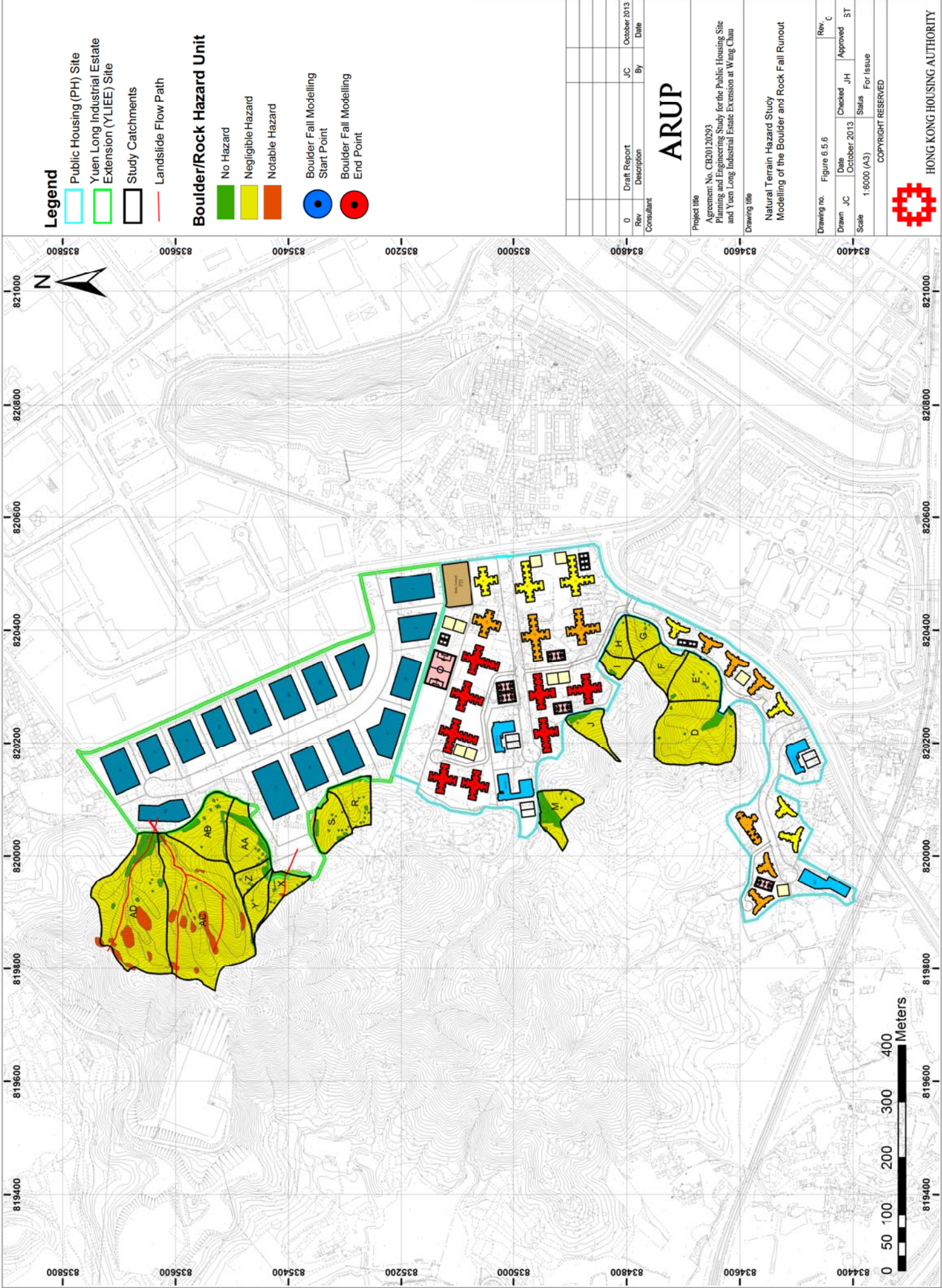
Drawing title
 Natural Terrain Hazard Study
 Landslide Runout Modelling

| | | | | | | | |
|--------------------|-------------|------|--------------|-----------|----|----------|----|
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