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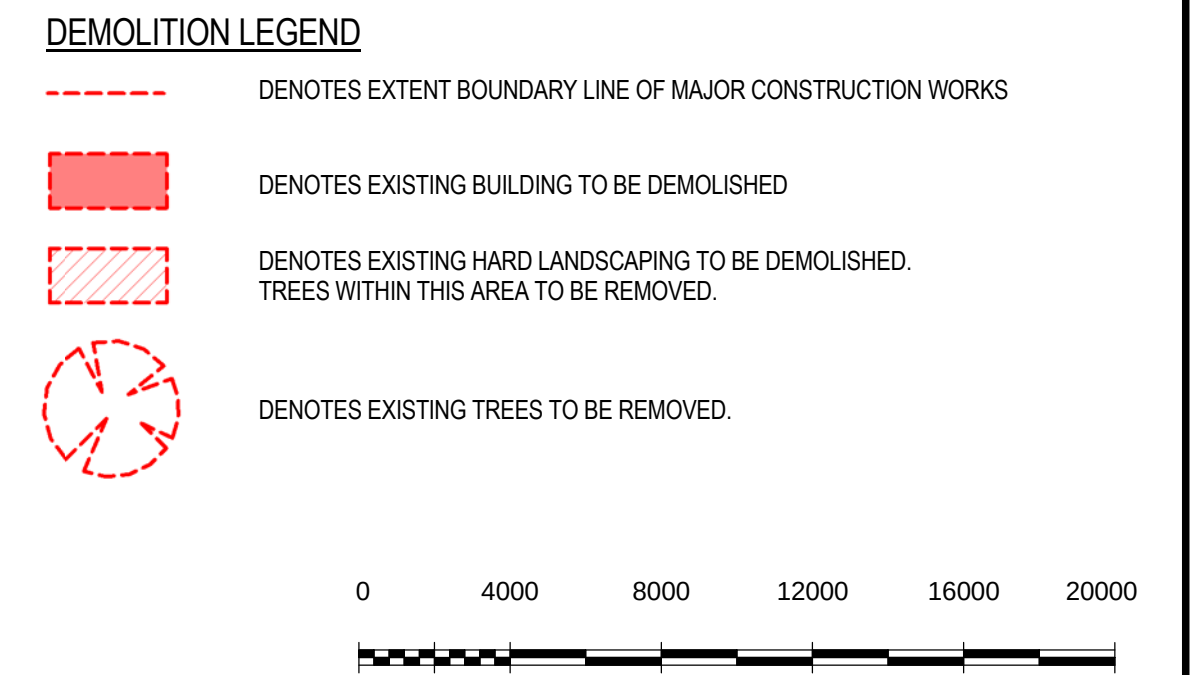
HEALTH INFRASTRUCTURE

ROYAL PRINCE ALFRED HOSPITAL
PROPOSED MULTISTORY STAFF CARPARK
106-112 CHURCH ST, CAMPERDOWN 2050

COVER SHEET

DRAWINGS INDEX	
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DA\0101	SITE ANALYSIS PLAN
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DA\0103	CARPARK LEVEL 1 G.A. PLAN
DA\0104	CARPARK LEVEL 2 G.A. PLAN
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DA\0121	SHADOW STUDY - SUMMER SOLSTICE - 10.00 AM
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DA\0123	SHADOW STUDY - SUMMER SOLSTICE - 12.00 PM
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DA\0127	SHADOW STUDY - WINTER SOLSTICE - 9.00 AM
DA\0128	SHADOW STUDY - WINTER SOLSTICE - 10.00 AM
DA\0129	SHADOW STUDY - WINTER SOLSTICE - 11.00 AM
DA\0130	SHADOW STUDY - WINTER SOLSTICE - 12.00 PM
DA\0131	SHADOW STUDY - WINTER SOLSTICE - 1.00 PM
DA\0132	SHADOW STUDY - WINTER SOLSTICE - 2.00 PM
DA\0133	SHADOW STUDY - WINTER SOLSTICE - 3.00 PM
DA\0204	NORTH ELEVATION
DA\0205	ELEVATIONS
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DA\0207	MATERIALS & FINISHES
DA\0208	3D VISUALS
DA\0209	3D VISUALS
DA\0301	SEDIMENTATION & EROSION CONTROL PLAN
DA\0310	STORMWATER PLAN
DA\0311	STORMWATER DETAILS
DA\0320	EXTERNAL WORKS PLAN
DA\1609-01	LANDSCAPE - GROUND FLOOR PLAN
DA\1609-02	LANDSCAPE - NORTHERN ELEVATION
PR\129959-D01	DETAIL AND LEVEL SURVEY OF PROPOSED CAR PARK SITE

DATE PLOTTED: 1/06/2016 5:17:05 PM
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DEMOLITION LEGEND

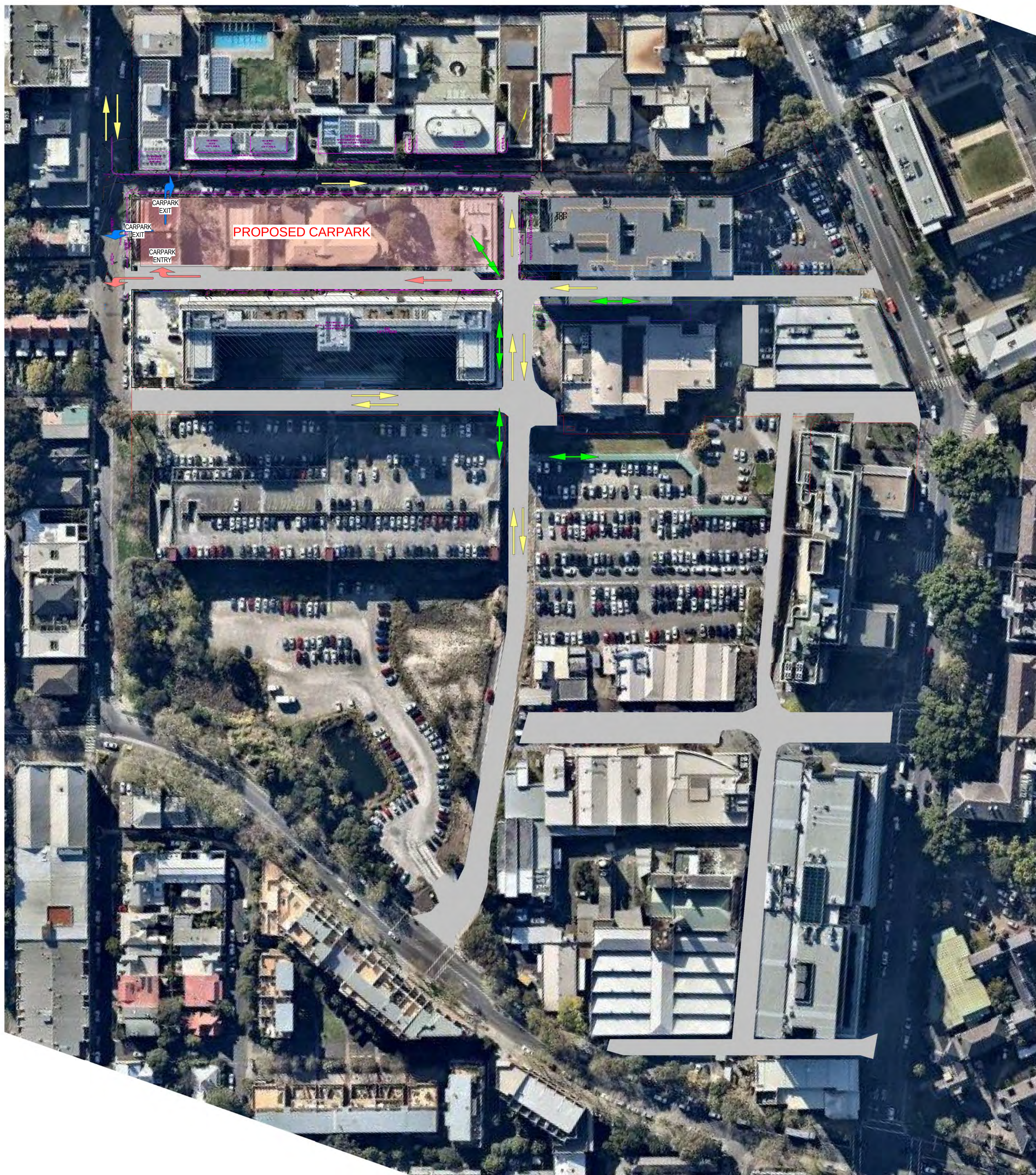
- | | |
|---|--|
|  | DENOTES EXTENT BOUNDARY LINE OF MAJOR CONSTRUCTION WORKS |
|  | DENOTES EXISTING BUILDING TO BE DEMOLISHED |
|  | DENOTES EXISTING HARD LANDSCAPING TO BE DEMOLISHED.
TREES WITHIN THIS AREA TO BE REMOVED. |
|  | DENOTES EXISTING TREES TO BE REMOVED. |

B	01-06-2016	ISSUED FOR SDD APPLICATION				STH	PNW			
A	11-05-2016	ISSUED FOR D.A.				STH	PNW		PNW	
1	28-04-2016	ISSUED FOR CO-ORDINATION				S.T.H	PNW			
Rev	Date					Des.	Ver.		Appr.	

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Drawn S.T.H	Date 29-01-2016	Client HEALTH INFRASTRUCTURE			
Checked P.N.W	Date 29-01-2016	Project ROYAL PRINCE ALFRED HOSPITAL PROPOSED MULTISTORY STAFF CARPARK 106-112 CHURCH ST, CAMPERDOWN 2050	Status	SDD APPLICATION	
Designed S.T.H	Date 29-01-2016		NOT TO BE USED FOR CONSTRUCTION PURPOSES		
Verified P.N.W	Date 29-01-2016		Date 09-12-2015	Scale 1:200	Size A1
Approved		Title	Drawing Number	Revision	
	Date	SITE DEMOLITION PLAN	NA80813231-DA-0100	B	



SCALE 1 : 1000

MOTORBIKE PARKING COUNT		
LEVEL	COUNT	DESCRIPTION
LEVEL 0b	8	M.BIKE
LEVEL 1b	8	M.BIKE
LEVEL 2b	8	M.BIKE
Grand total: 24		

SCALE 1 : 1000

-  EXISTING TRAFFIC DIRECTIONS AROUND PROPOSED CARPARK
 PROPOSED TRAFFIC DIRECTIONS AROUND PROPOSED CARPARK
 PROPOSED CARPARK EXIT POINTS AND DIRECTION FROM PROPOSED CARPARK
 MAJOR FOOT TRAFFIC PATHWAYS

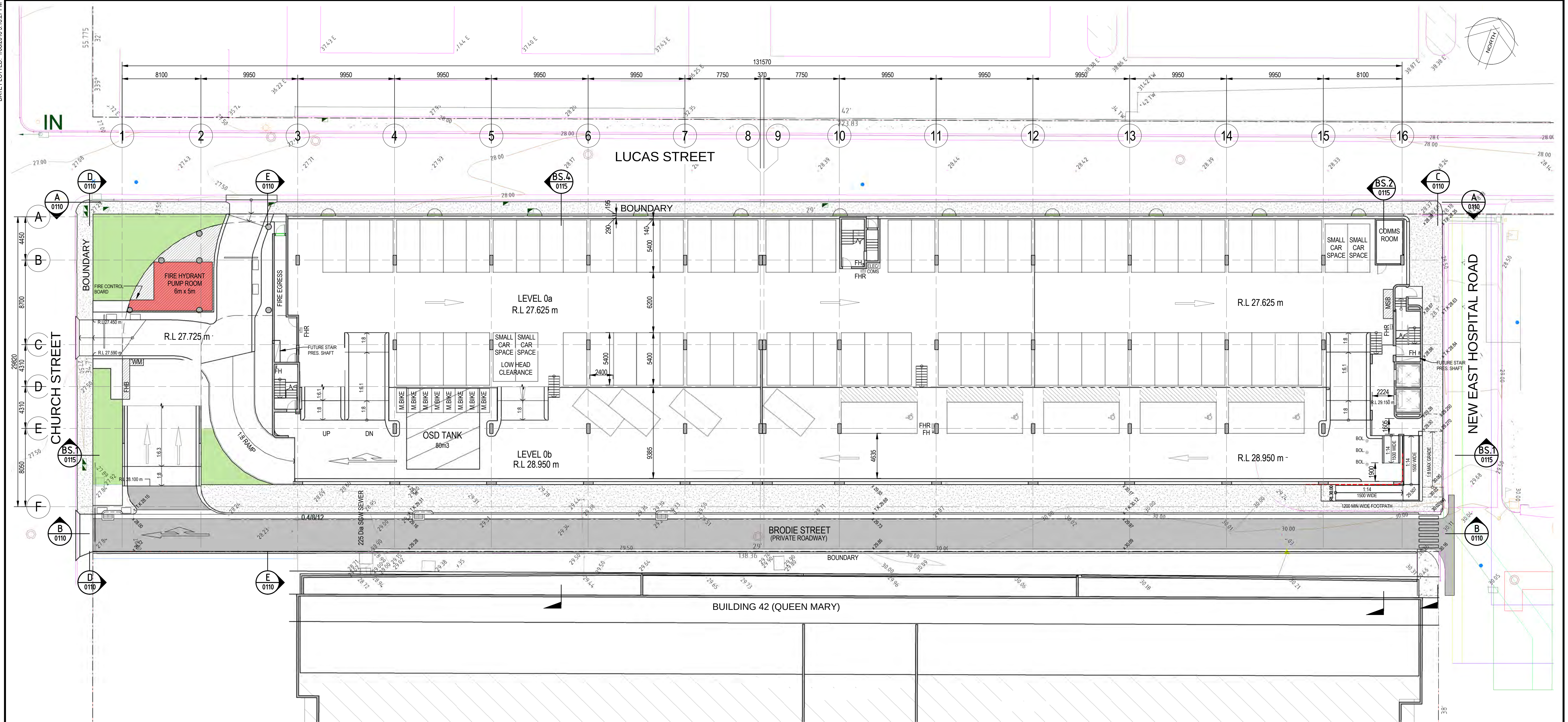
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A	11-05-2016	ISSUED FOR D.A.			STH		PNW	
2	11-03-2016	ISSUED FOR CO-ORDINATION			S.T.H	PNW		
1	04-02-2016	INITIAL CONSULTANT REVIEW			S.T.H	P.N.		
Rev	Date				Des.	Vr.	Appr.	

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Designed S.T.H	Date 29-01-2016		Date 09-12-2015	Scale 1:1000	Size A1	
Verified P.N.W	Date 29-01-2016		Drawing Number NA80813231-DA-0101			
Approved	Date	Title SITE ANALYSIS PLAN	Revision B			

DATE PLOTTED: 10/02/2016 5:18:27 PM



LEVEL 0 GENERAL ARRANGEMENT PLAN

SCALE 1 : 200

USER CLASS 1 FACILITY (Ref A.S2890.2)

10 NON-OUT PATIENT DISABLED SPACES

G.A. PLAN LEGEND

GUARD RAILS TO EXTERNAL EDGES TO BE FIXED TYPE HANDRAILS (RHINO-STOP OR SIMILAR) TO FUTURE DETAIL
RAILS BETWEEN HALF FLOORS TO BE FLEXIBLE BARRIERS WITH CHILD PROOF FALL ARREST FIXED BETWEEN FLOORS
HANDRAILS TO STAIRS, LOBBYS AND PEDESTRIAN AREAS TO BE IN ACCORDANCE WITH AUSTRALIAN STANDARDS

BOL. - DENOTES BOLLARD LOCATIONS. OTHER BOLLARD LOCATIONS TO BE LOCATED TO FUTURE DETAIL IN ACCORDANCE WITH BCA REQUIREMENTS

REFER TO EXTERNAL WORKS DRAWINGS FOR FOOTPATH PAVEMENT DETAILS & LEVELS

FUTURE STAIR PRESSURISATION SHAFTS INDICATED.

SPEED HUMPS / SPEED CONTROL DEVICES TO FUTURE DETAIL IN ACCORDANCE WITH AS 2890.1

TRAFFIC SIGNAGE TO FUTURE DETAIL IN ACCORDANCE WITH AS 2890.1

TACTILE GROUND SURFACE INDICATORS (TGSIs) AT ACCESSIBLE RAMPS & STAIRS TO AS 1428

0 400 800 1200 1600 2000

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B	01-06-2016	ISSUED FOR SDD APPLICATION	STH	PNW	
A	11-05-2016	ISSUED FOR D.A.	STH	PNW	PNW
4	28-04-2016	ISSUED FOR CO-ORDINATION	S.T.H	PNW	
3	09-03-2016	REVISED LAYOUT - CONSULTANT REVIEW ISSUE	S.T.H	PNW	
2	09-02-2016	CIRCULATION RAMPS UPDATED	S.T.H	P.N.	
1	04-02-2016	INITIAL CONSULTANT REVIEW	S.T.H	PNW	
Rev	Date		Des.	Ver.	Appr.

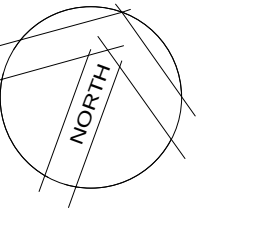
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Drawn S.T.H	Date 29-01-2016	Client HEALTH INFRASTRUCTURE
Checked P.N.W	Date 29-01-2016	Project ROYAL PRINCE ALFRED HOSPITAL PROPOSED MULTISTORY STAFF CARPARK 106-112 CHURCH ST, CAMPERDOWN 2050
Designed S.T.H	Date 29-01-2016	Title CARPARK LEVEL 0 G.A. PLAN
Verified P.N.W	Date 29-01-2016	
Approved		

Status SDD APPLICATION NOT TO BE USED FOR CONSTRUCTION PURPOSES	Datum Date 09-12-2015	Scale 1:200	Size A1
Drawing Number NA80813231-DA-0102	Revision B		



G.A. PLAN LEGEND

BOL. - DENOTES BOLLARD LOCATIONS. OTHER
BOLLARD LOCATIONS TO BE LOCATED TO FUTURE
DETAIL IN ACCORDANCE WITH BCA REQUIREMENTS

TACTILE GROUND SURFACE INDICATORS (TGSi's) AT ACCESSIBLE RAMPS & STAIRS TO AS 1428

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Drawn S.T.H	Date 29-01-2016	Client HEALTH INFRASTRUCTURE			
Checked P.N.W	Date 29-01-2016	Project ROYAL PRINCE ALFRED HOSPITAL PROPOSED MULTISTORY STAFF CARPARK 106-112 CHURCH ST, CAMPERDOWN 2050	Status SDD APPLICATION		
Designed S.T.H	Date 29-01-2016		NOT TO BE USED FOR CONSTRUCTION PURPOSES		
Verified P.N.W	Date 29-01-2016		Date 09-12-2015	Scale 1:200	Size A1
Approved		Title	Drawing Number		
	Date	CARPARK LEVEL 1 G.A. PLAN	NA80813231-DA-0103		Revision B



GUARD RAILS TO EXTERNAL EDGES TO BE FIXED
TYPE HANDRAILS (RHINO-STOP OR SIMILAR)
TO FUTURE DETAIL

RAILS BETWEEN HALF FLOORS TO BE FLEXIBLE BARRIERS
WITH CHILD PROOF FALL ARREST FIXED BETWEEN FLOORS
HANDRAILS TO STAIRS, LOBBYS AND PEDESTRIAN AREAS
TO BE IN ACCORDANCE WITH AUSTRALIAN STANDARDS

BOL. - DENOTES BOLLARD LOCATIONS, OTHER
BOLLARD LOCATIONS TO BE LOCATED TO FUTURE
DETAIL IN ACCORDANCE WITH BCA REQUIREMENTS

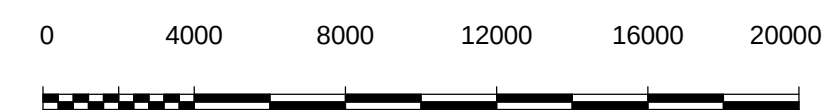
REFER TO EXTERNAL WORKS DRAWINGS FOR FOOTPATH
PAVEMENT DETAILS & LEVELS

FUTURE STAIR PRESSURISATION SHAFTS INDICATED.

SPEED HUMPS / SPEED CONTROL DEVICES TO FUTURE DETAIL IN ACCORDANCE WITH AS 2890.1

TRAFFIC SIGNAGE TO FUTURE DETAIL IN ACCORDANCE WITH AS 2890.1

TACTILE GROUND SURFACE INDICATORS (TGSi's) AT ACCESSIBLE RAMPS & STAIRS TO AS 1428

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Checked P.N.W	Date 29-01-2016	Project ROYAL PRINCE ALFRED HOSPITAL PROPOSED MULTISTORY STAFF CARPARK 106-112 CHURCH ST, CAMPERDOWN 2050	Status SDD APPLICATION NOT TO BE USED FOR CONSTRUCTION PURPOSES			
Designed S.T.H	Date 29-01-2016	Title CARPARK LEVEL 2 G.A. PLAN	Date 09-12-2015	Scale 1:200	Size A1	
Verified P.N.W	Date 29-01-2016		Drawing Number NA80813231-DA-0104		Revision B	
Approved	Date					



TACTILE GROUND SURFACE INDICATORS (TGSi's) AT ACCESSIBLE RAMPS & STAIRS TO AS 1428

BOL. - DENOTES BOLLARD LOCATIONS. OTHER
BOLLARD LOCATIONS TO BE LOCATED TO FUTURE
DETAIL IN ACCORDANCE WITH BCA REQUIREMENTS

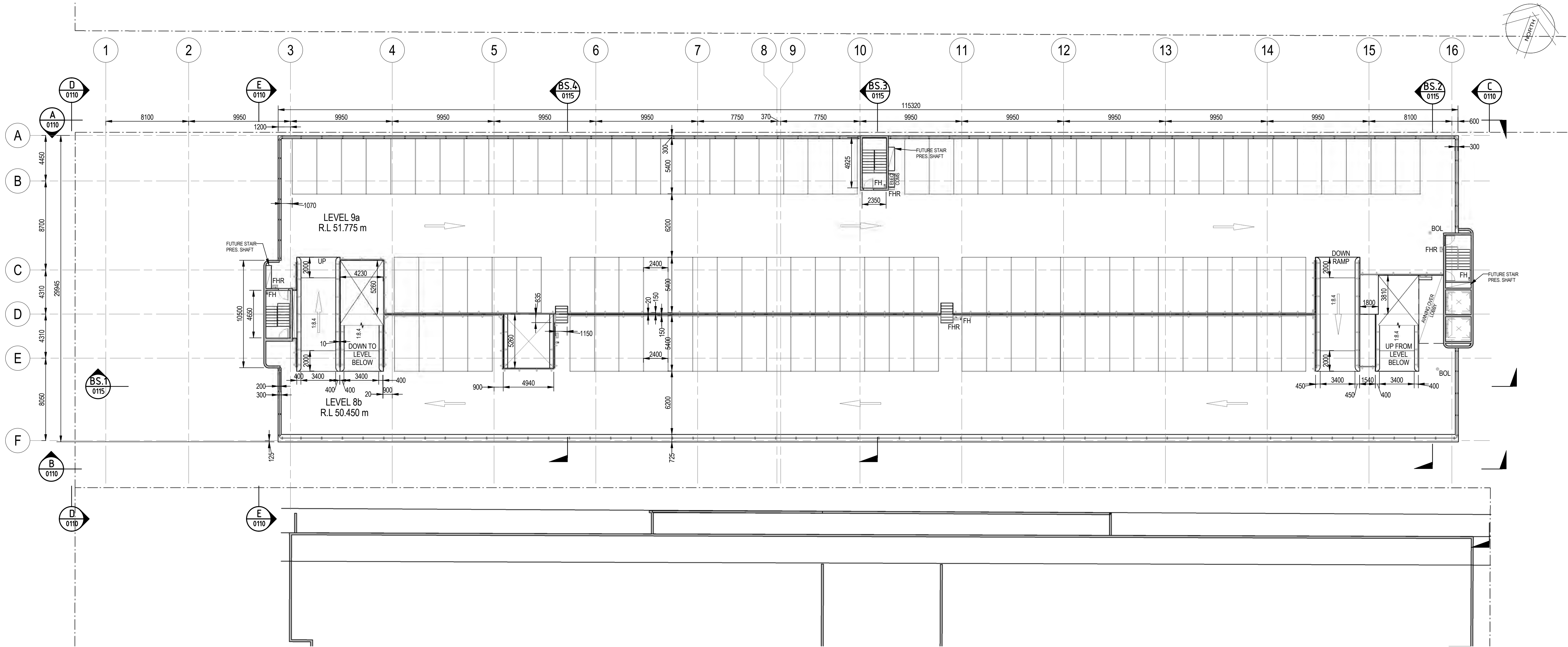
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Drawn S.T.H	Date 29-01-2016	Client HEALTH INFRASTRUCTURE			
Checked P.N.W	Date 29-01-2016	Project ROYAL PRINCE ALFRED HOSPITAL PROPOSED MULTISTORY STAFF CARPARK 106-112 CHURCH ST, CAMPERDOWN 2050	Status SDD APPLICATION NOT TO BE USED FOR CONSTRUCTION PURPOSES		
Designed S.T.H	Date 29-01-2016		Date 09-12-2015	Scale 1:200	Size A1
Verified P.N.W	Date 29-01-2016		Drawing Number NA80813231-DA-0105		
Approved	Date	Title CARPARK LEVELS 3-8 G.A. PLAN	Revision B		

DATE PLOTTED: 10/02/2016 5:19:37 PM



ROOF LEVEL GENERAL ARRANGEMENT PLAN
SCALE 1 : 200

G.A. PLAN LEGEND

- GUARD RAILS TO EXTERNAL EDGES TO BE FIXED TYPE HANDRAILS (RHINO-STOP OR SIMILAR) TO FUTURE DETAIL
RAILS BETWEEN HALF FLOORS TO BE FLEXIBLE BARRIERS WITH CHILD PROOF FALL ARREST FIXED BETWEEN FLOORS
HANDRAILS TO STAIRS, LOBBYS AND PEDESTRIAN AREAS TO BE IN ACCORDANCE WITH AUSTRALIAN STANDARDS
- REFER TO EXTERNAL WORKS DRAWINGS FOR FOOTPATH PAVEMENT DETAILS & LEVELS
- FUTURE STAIR PRESSURISATION SHAFTS INDICATED.
- SPEED HUMPS / SPEED CONTROL DEVICES TO FUTURE DETAIL IN ACCORDANCE WITH AS 2890.1
- TRAFFIC SIGNAGE TO FUTURE DETAIL IN ACCORDANCE WITH AS 2890.1
- TACTILE GROUND SURFACE INDICATORS (TGSI's) AT ACCESSIBLE RAMPS & STAIRS TO AS 1428
- BOL. - DENOTES BOLLARD LOCATIONS. OTHER BOLLARD LOCATIONS TO BE LOCATED TO FUTURE DETAIL IN ACCORDANCE WITH BCA REQUIREMENTS



B	01-06-2016	ISSUED FOR SDD APPLICATION	STH	PNW	
A	11-05-2016	ISSUED FOR D.A.	STH	PNW	PNW
3	28-04-2016	ISSUED FOR CO-ORDINATION	S.T.H	PNW	
2	09-03-2016	REVISED LAYOUT - CONSULTANT REVIEW ISSUE	S.T.H	PNW	
1	04-02-2016	INITIAL CONSULTANT REVIEW	S.T.H	P.N.	
Rev	Date		Des.	Ver.	Appr.

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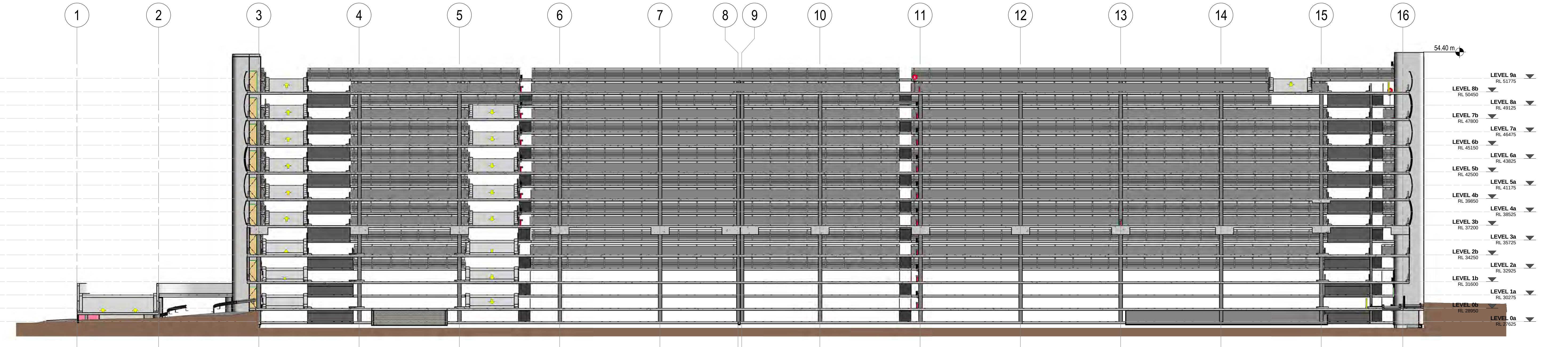
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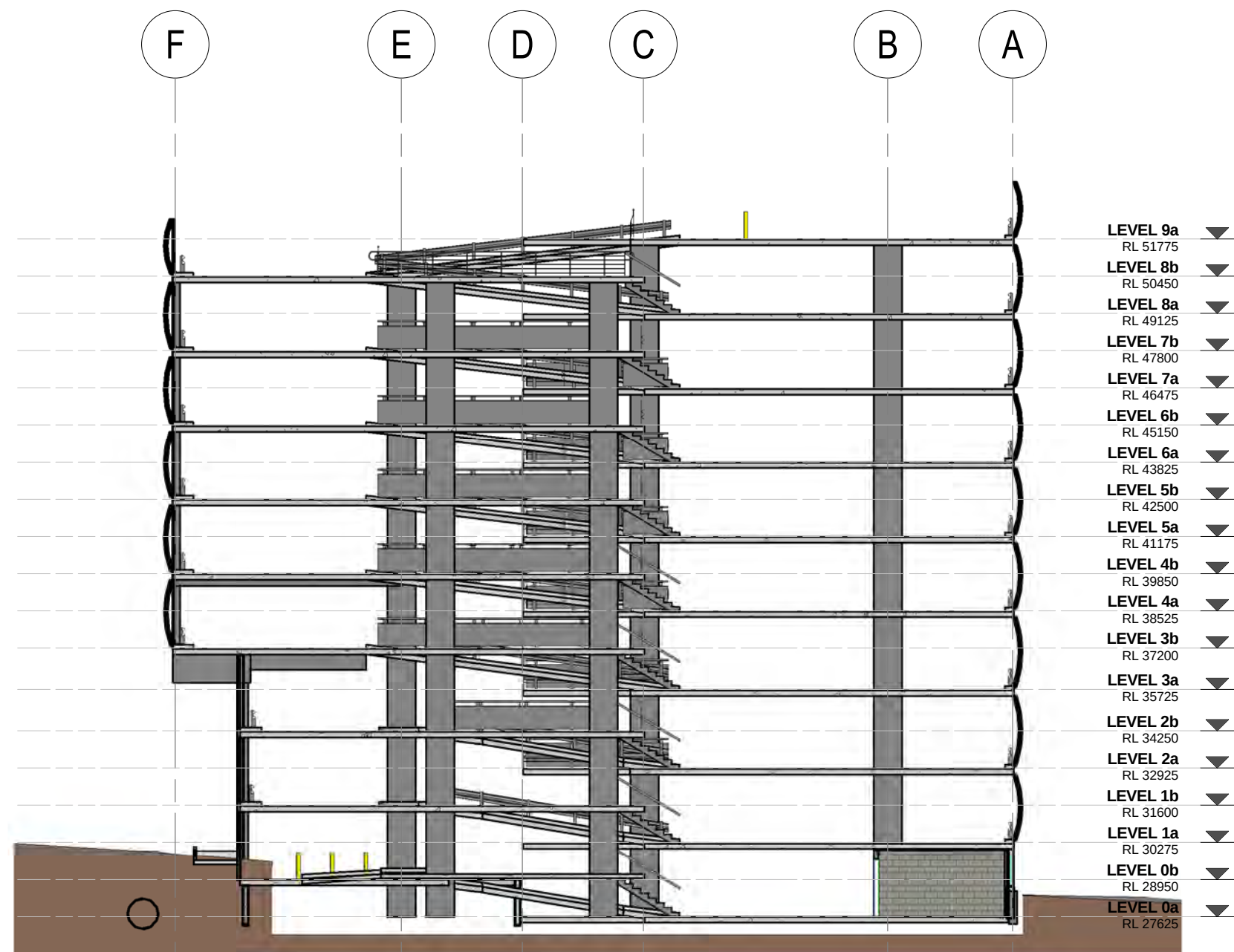
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S.T.H	29-01-2016	HEALTH INFRASTRUCTURE
Checked	Date	Project
P.N.W	29-01-2016	ROYAL PRINCE ALFRED HOSPITAL
Designed	Date	PROPOSED MULTISTORY STAFF CARPARK
S.T.H	29-01-2016	106-112 CHURCH ST, CAMPERDOWN 2050
Verified	Date	Title
P.N.W	29-01-2016	CARPARK ROOF LEVEL PLAN (LEVEL 9)
Approved	Date	

Status	Date	Scale	Size
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Drawing Number	Revision		
NA80813231-DA-0106	B		

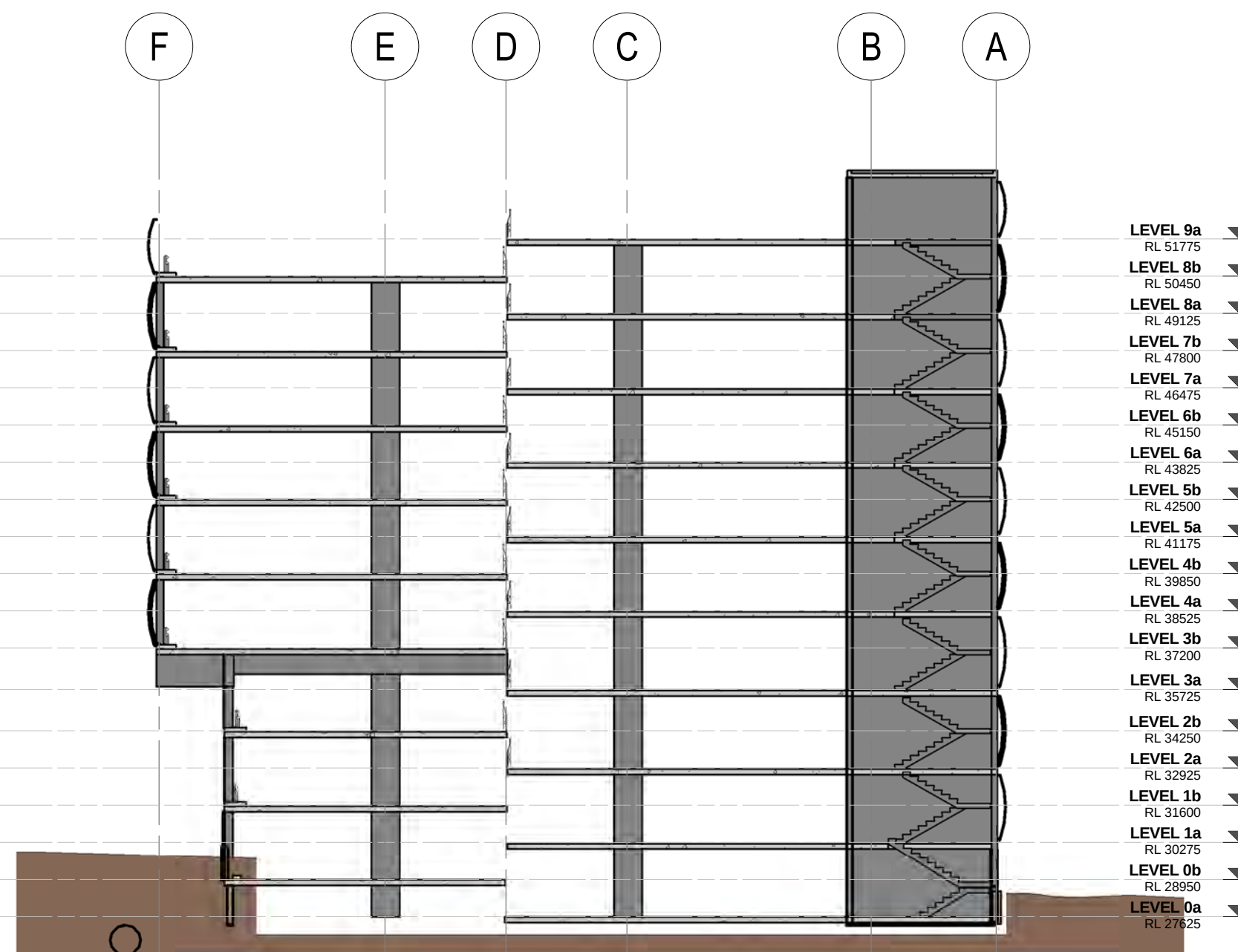
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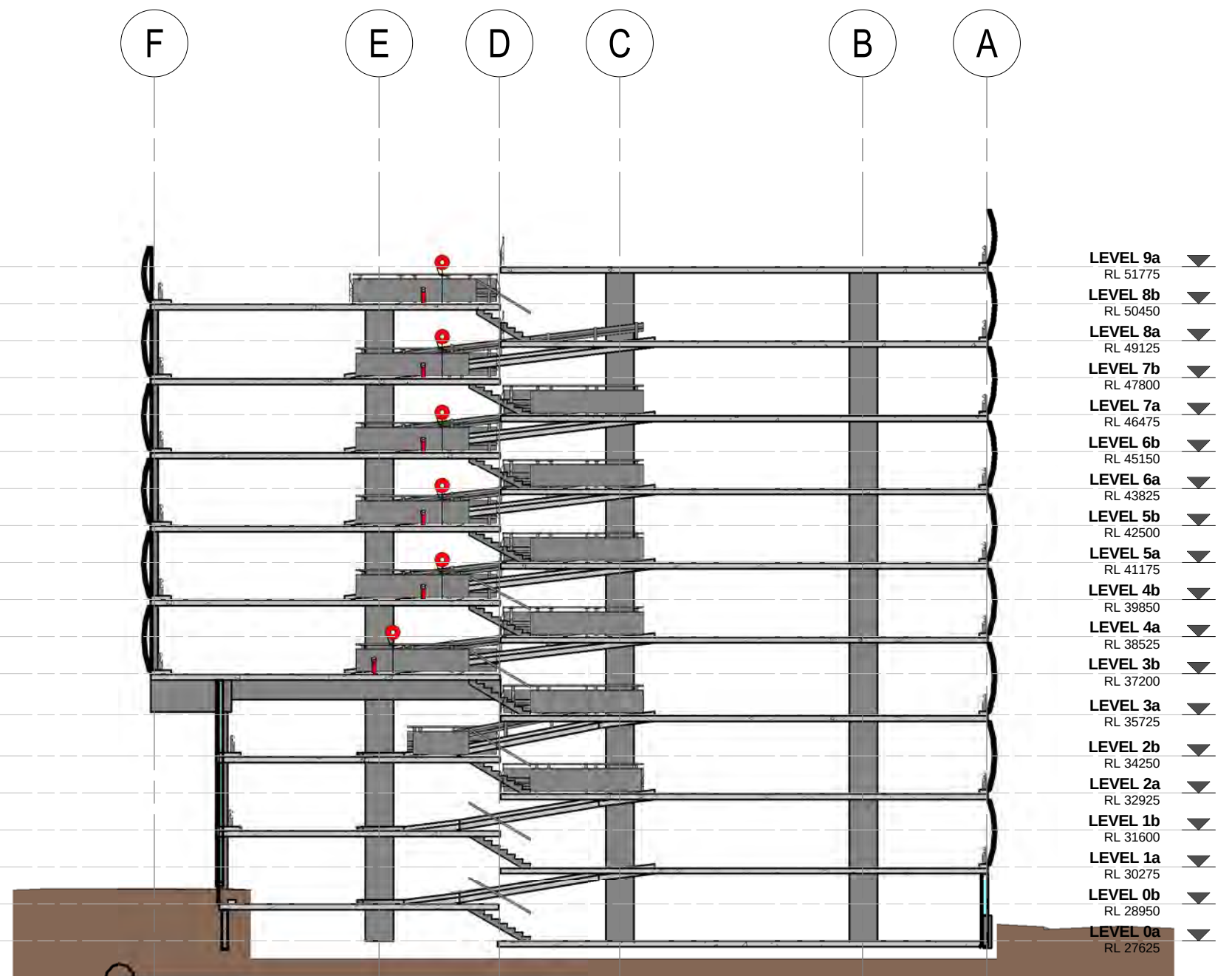
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SCALE 1 : 200
0102



SECTION BS.2
SCALE 1 : 200
0102



SECTION BS.3
SCALE 1 : 200
0103



SECTION BS.4
SCALE 1 : 200
0102



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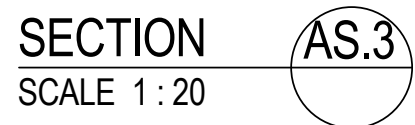
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3	11-03-2016	ISSUED FOR CO-ORDINATION	S.T.H	PNW	
2	17-02-2016	FOR APPROVAL	AC	P.N.	
1	04-02-2016	INITIAL CONSULTANT REVIEW	S.T.H	PNW	

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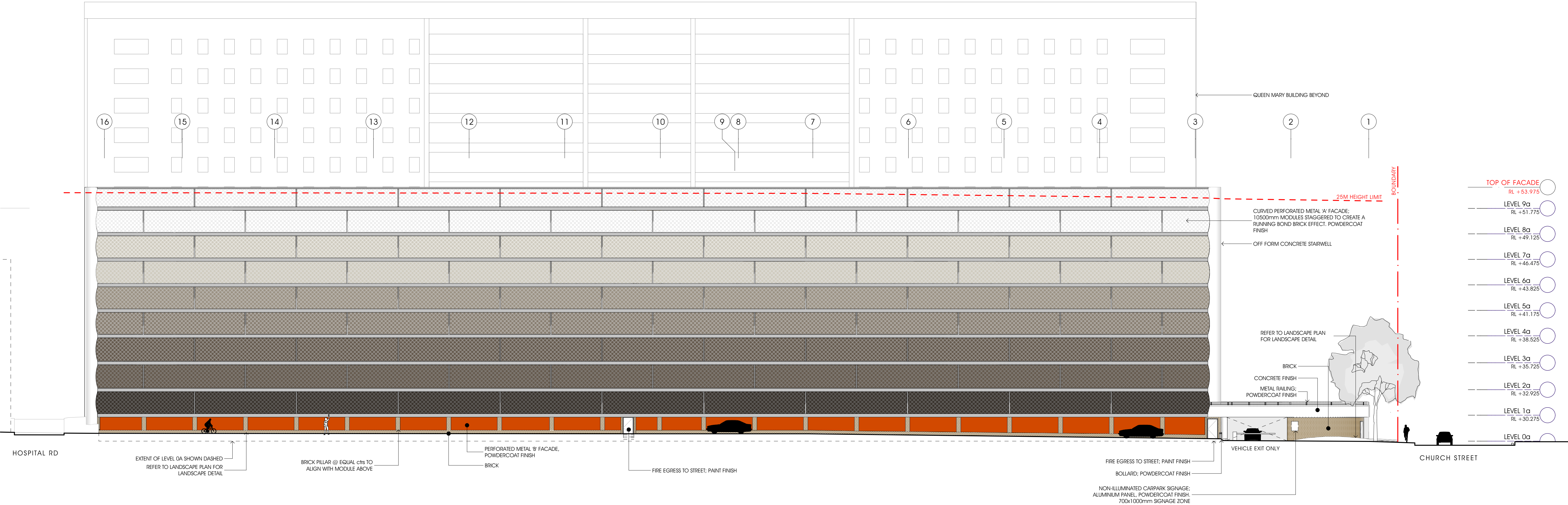
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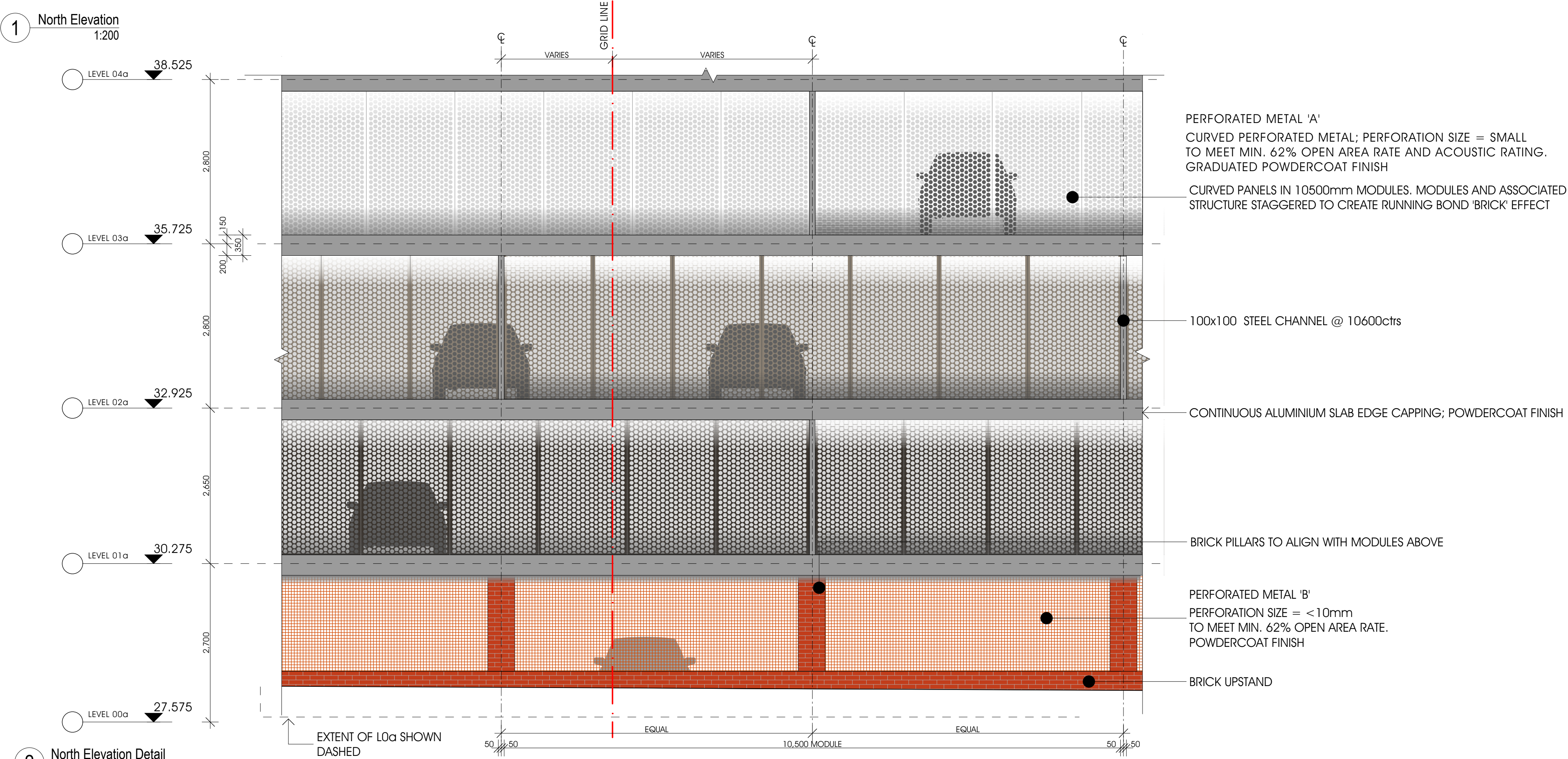
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Checked P.N.W.	Date 29-01-2016	Project ROYAL PRINCE ALFRED HOSPITAL PROPOSED MULTISTORY STAFF CARPARK 106-112 CHURCH ST, CAMPERDOWN 2050
Designed S.T.H.	Date 29-01-2016	Status SDD APPLICATION NOT TO BE USED FOR CONSTRUCTION PURPOSES
Verified P.N.W.	Date 29-01-2016	
Approved		
	Date	Title CARPARK SECTIONS - SHEET 1
		Drawing Number NA80813231-DA-0115
		Revision B



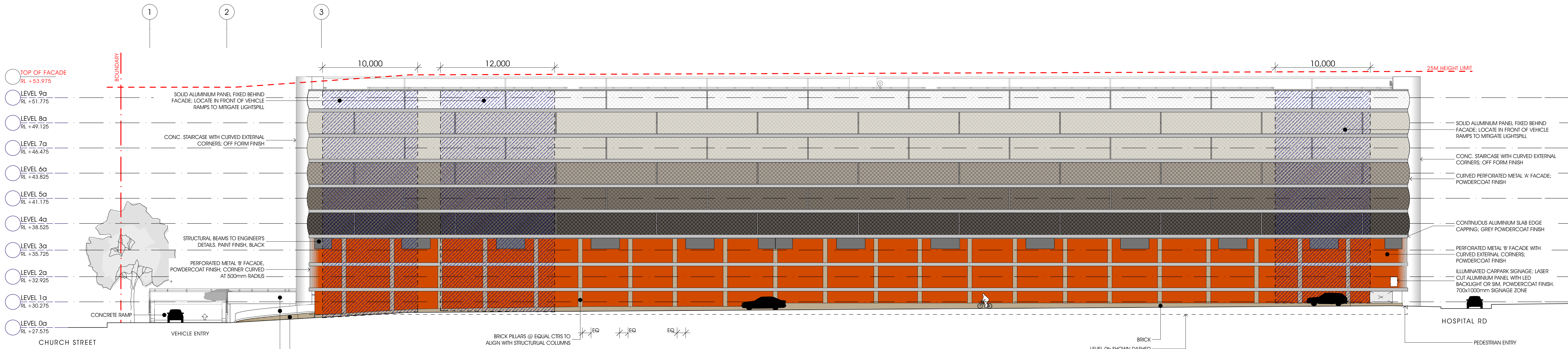
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NOT TO BE USED FOR CONSTRUCTION PURPOSES			
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Drawing Number			Revision
NA80813231-DA-0117			B



1 North Elevation 1:200

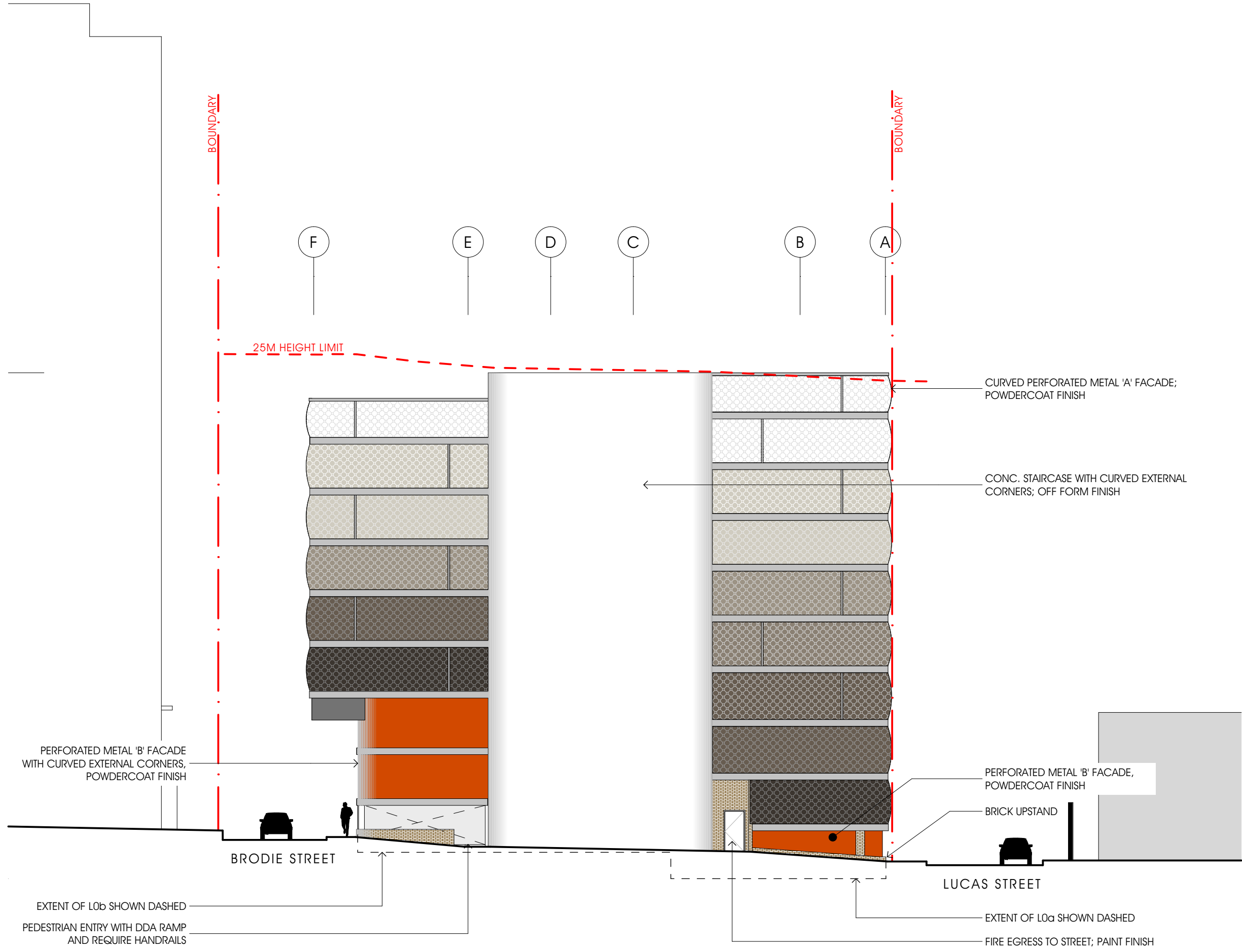


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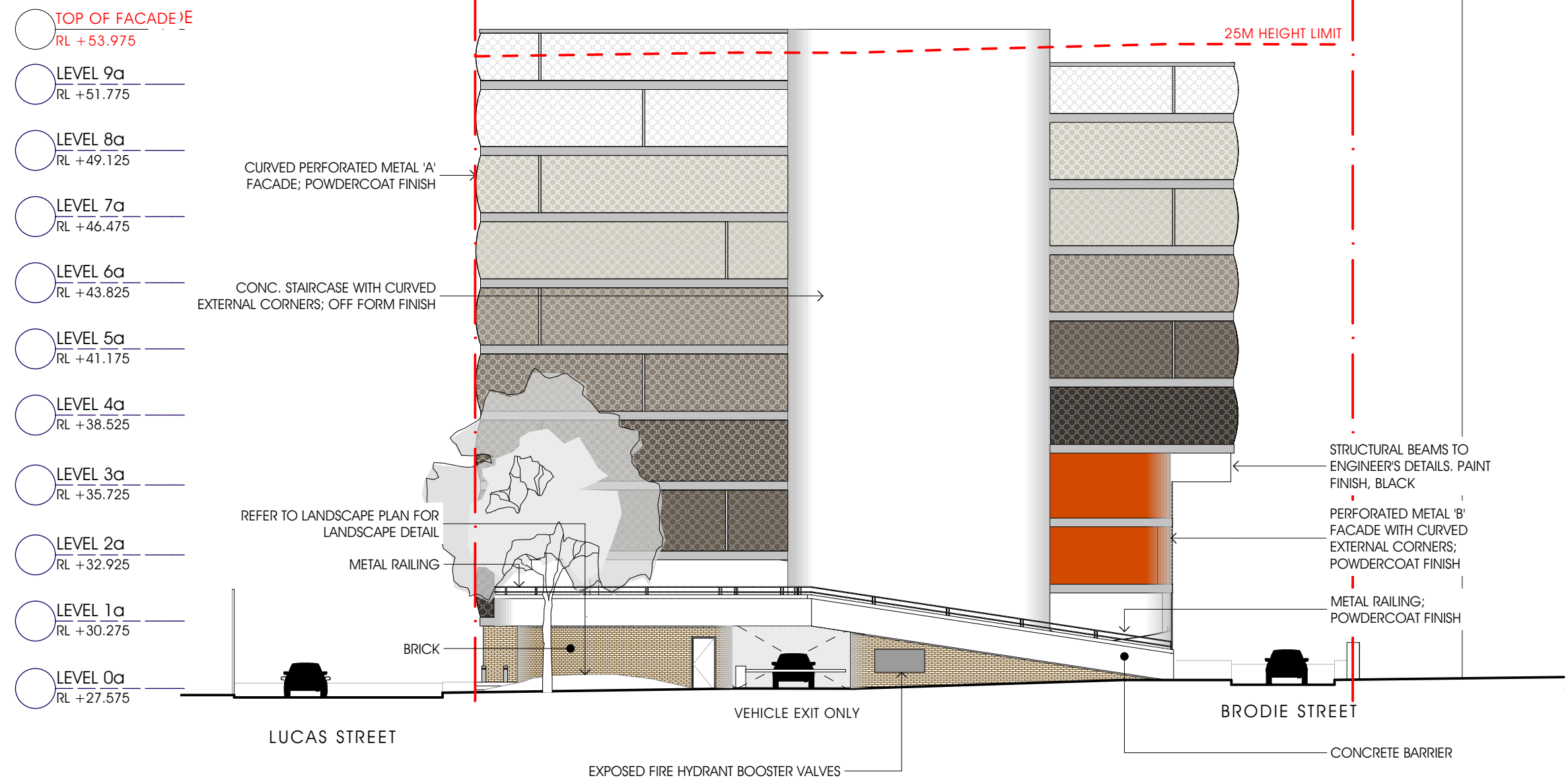


BRODIE STREET ELEVATION

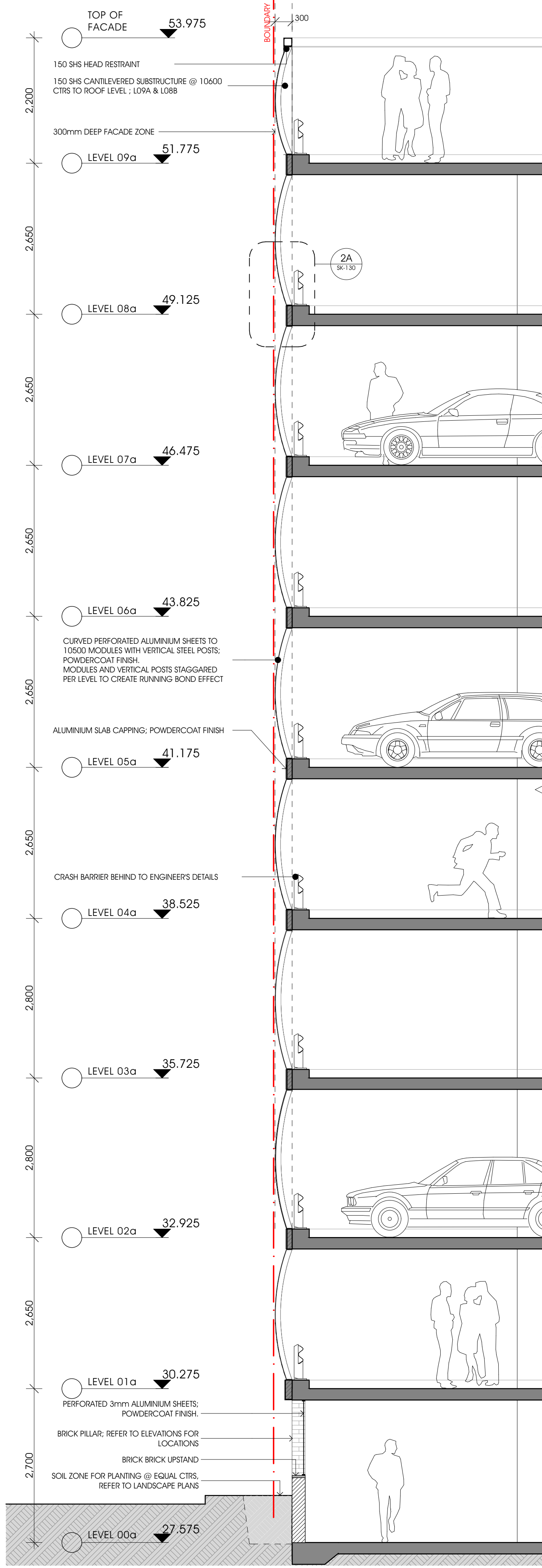
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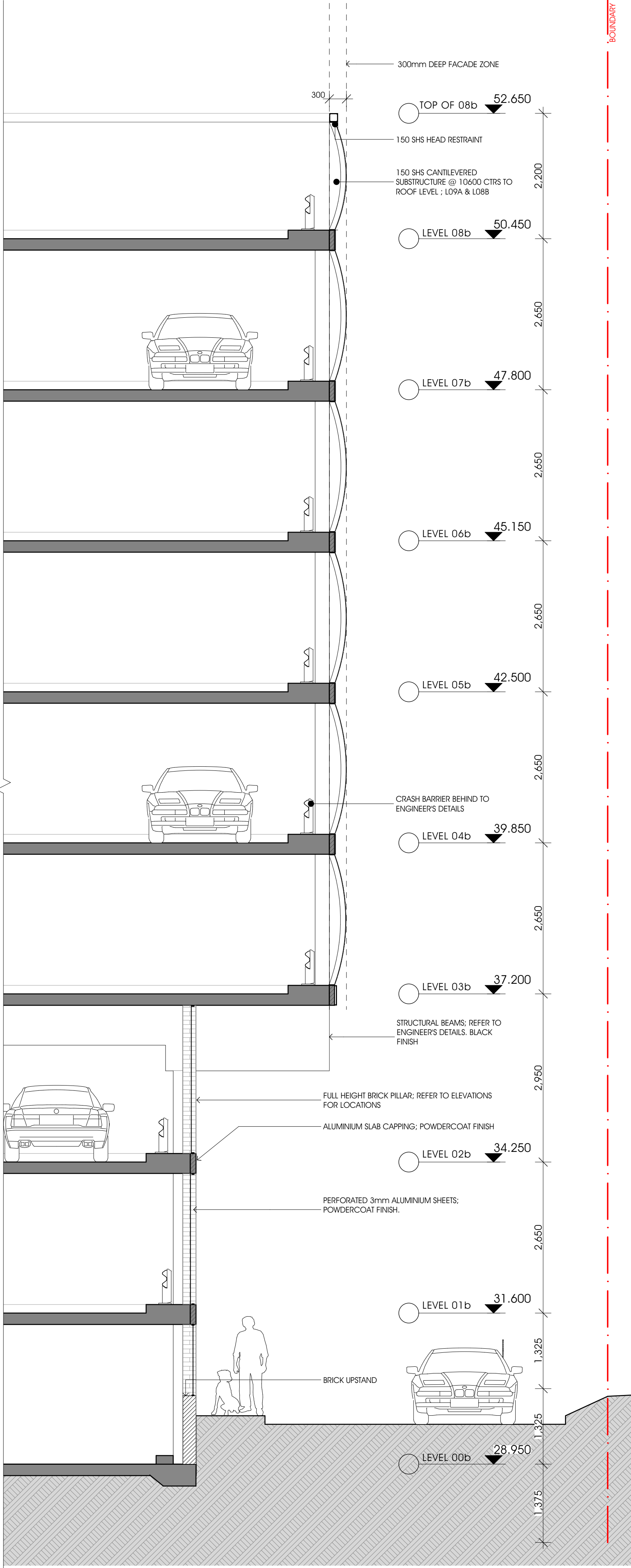
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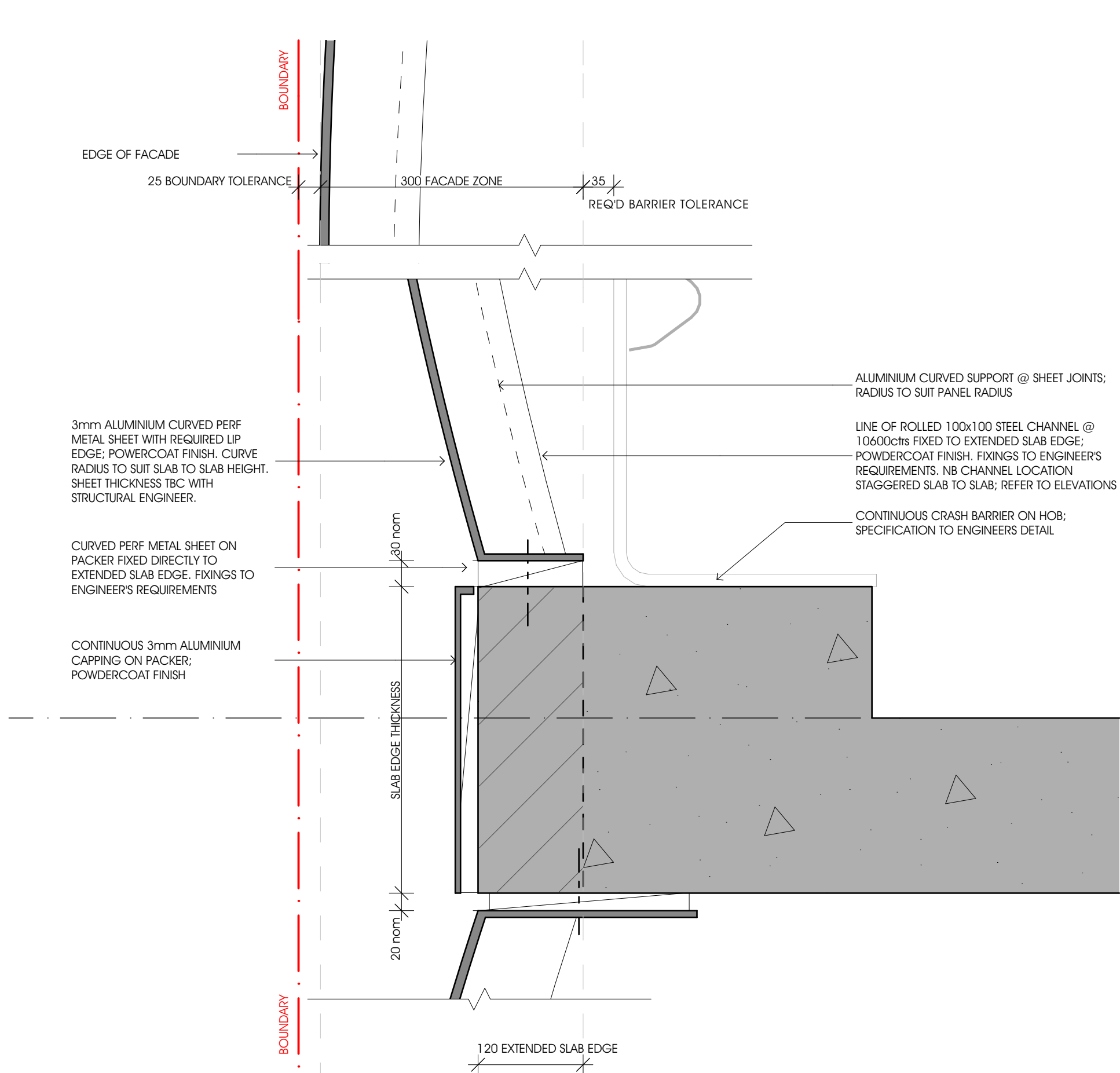
3 West Elevation
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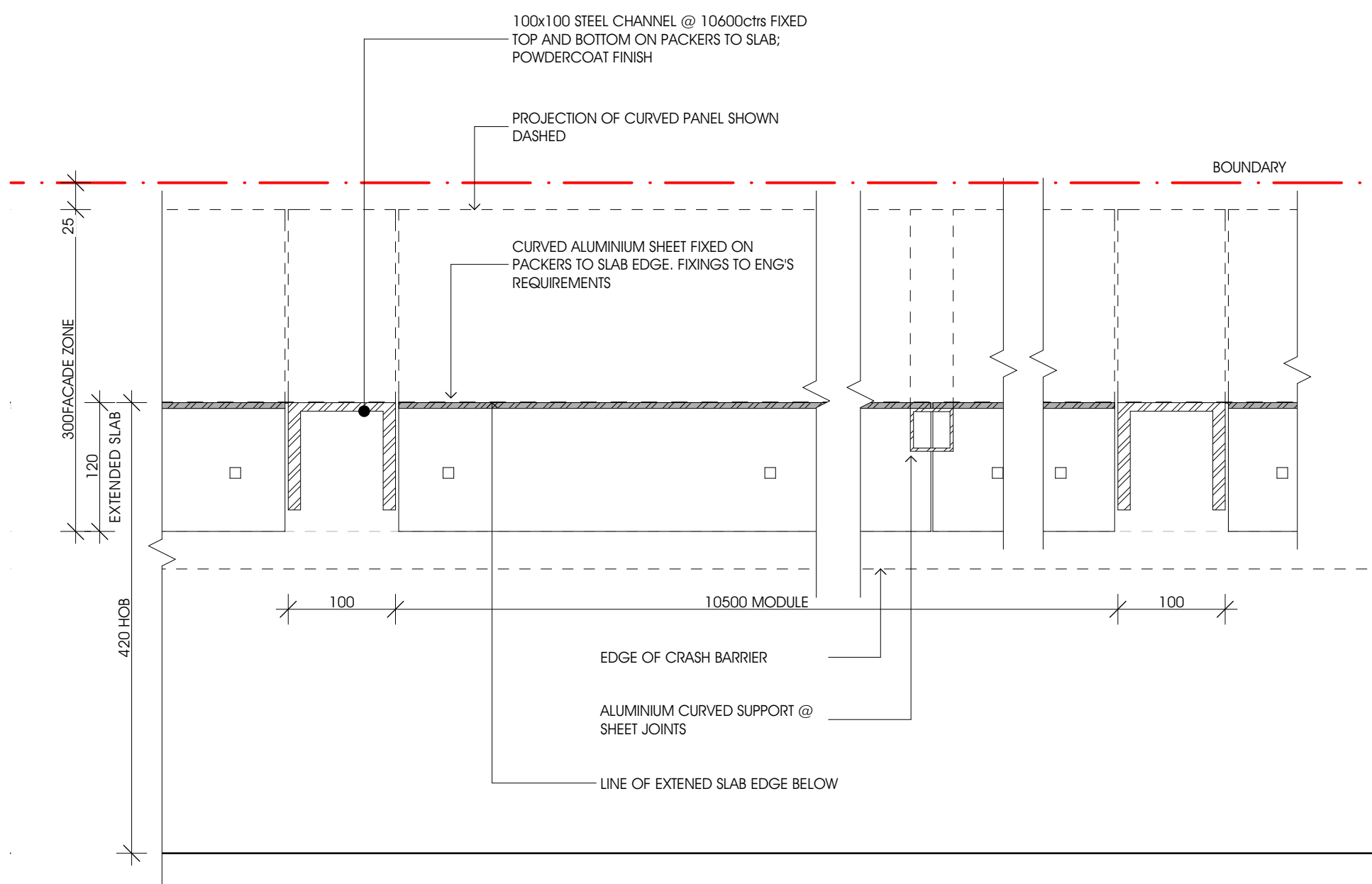
1 Lucas St Section
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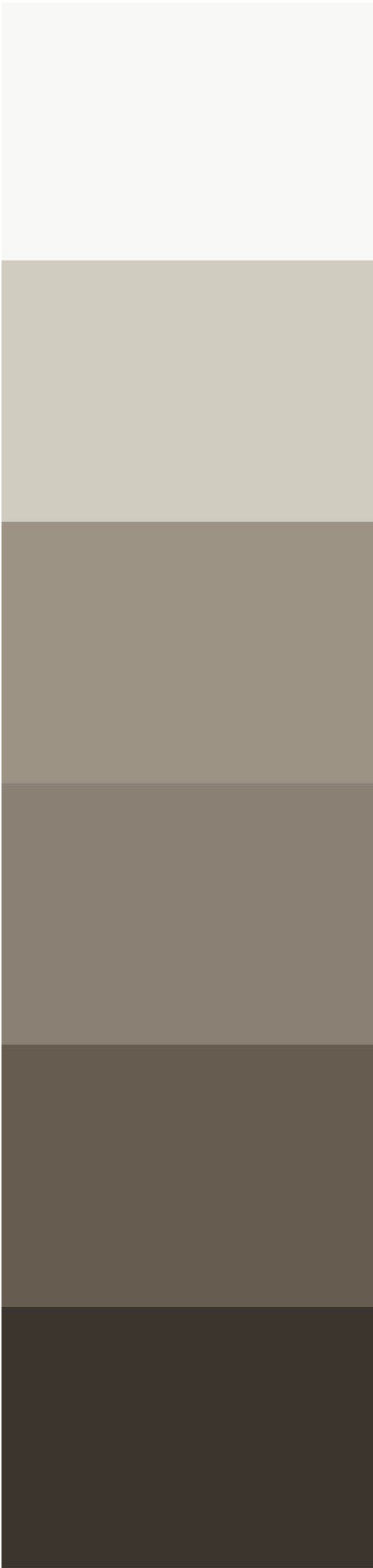
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1:50



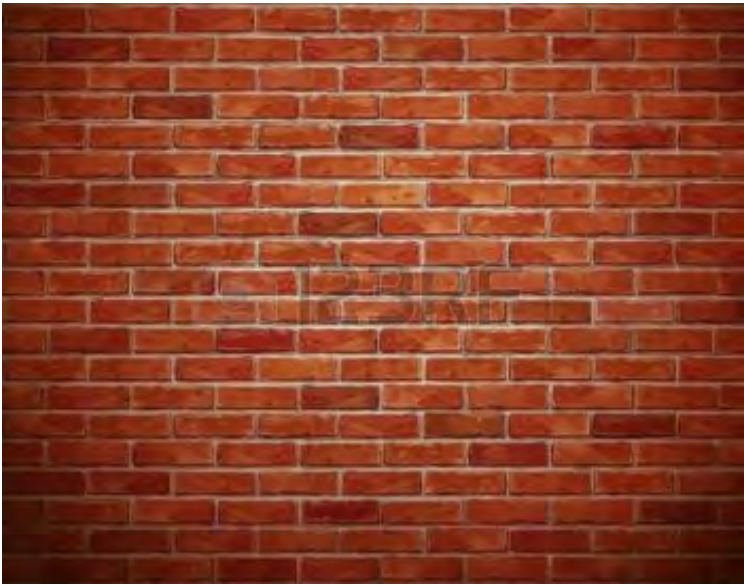
2 Facade Edge Detail
1:5



3 Facade Plan Detail
1:5



COLOUR GRADUATION ON CURVED PERF FACADE



A

E

B

C

A

E

C

B

C

D

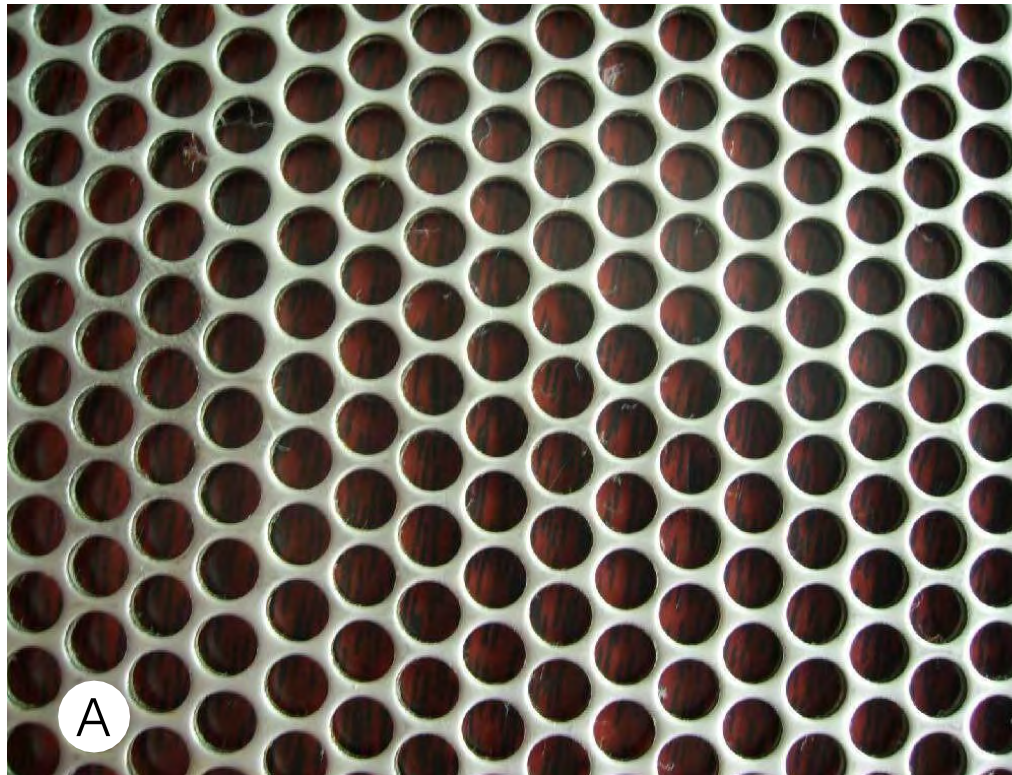
A

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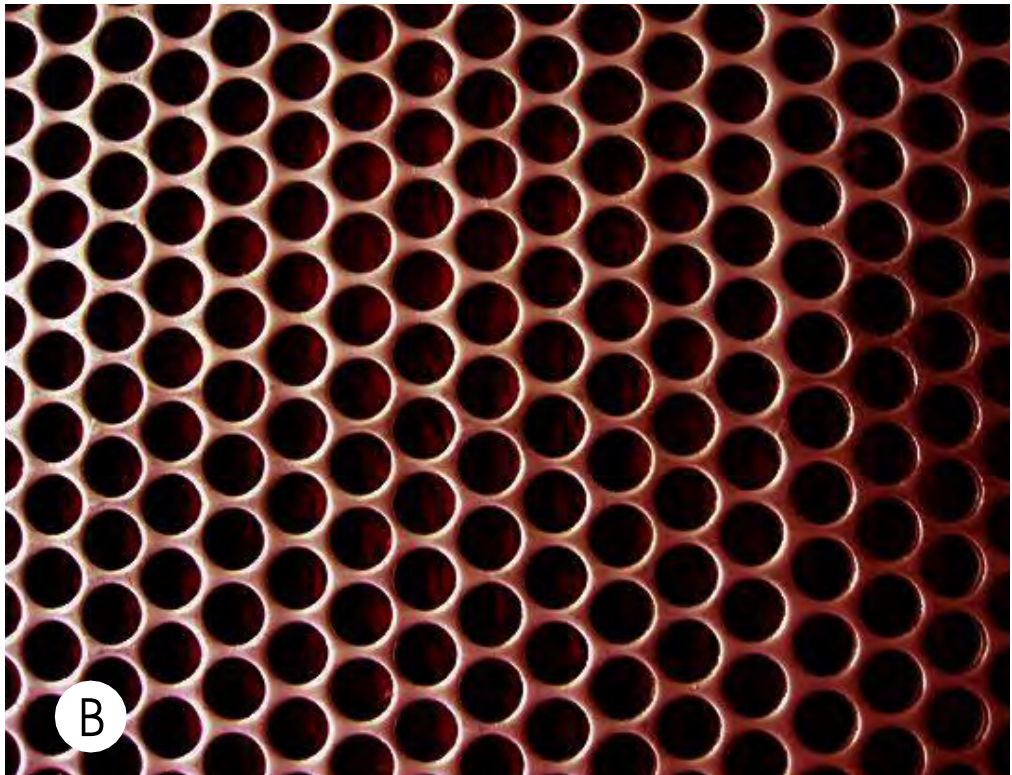
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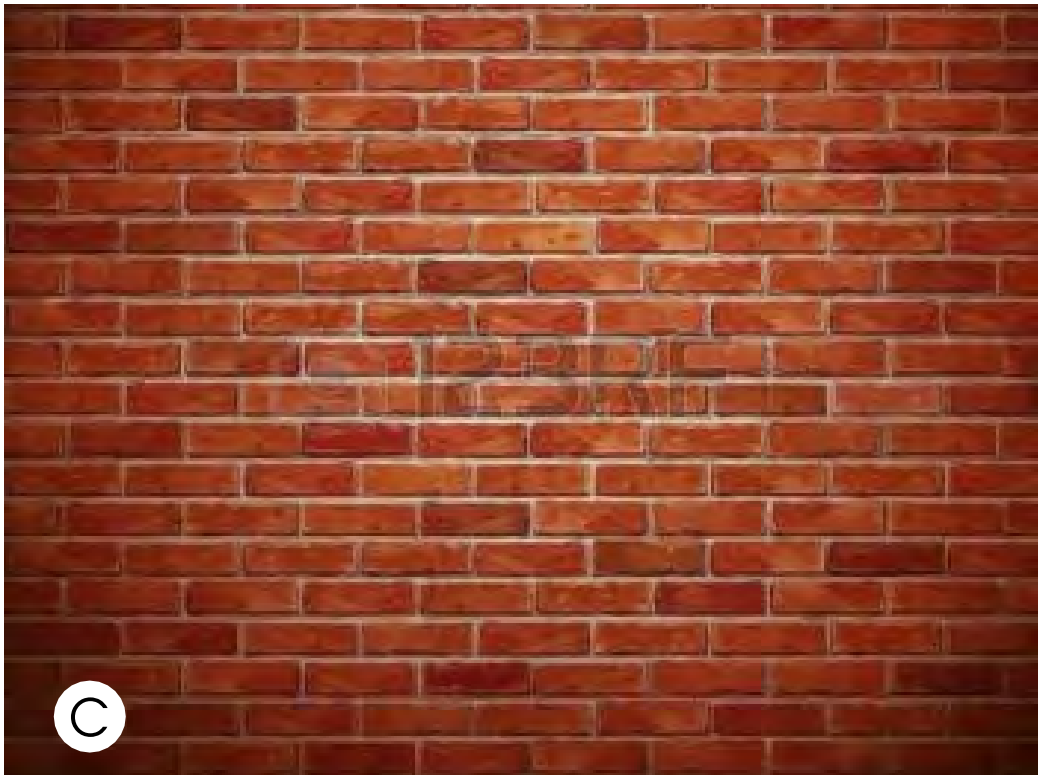
C



CURVED PERFORATED ALUMINIUM PANELS; GRADUATED POWDERCOAT FINISH



FLAT PERFORATED ALUMINIUM PANELS; POWDERCOAT FINISH



BRICKWORK



CONCRETE CLASS 2-C



ALUMINIUM CAPPING; POWDERCOAT FINISH



BLACK ENTRANCE RAILINGS: SIM TO KING GEORGE V MEMORIAL HOSPITAL FOR MOTHERS AND BABIES RAILINGS; BLACK POWDERCOAT FINISH

RPA Hospital Staff Car Park



RPA Hospital Staff Car Park



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PROJECT NORTH SCALE

PRINT DATE
1/06/2016

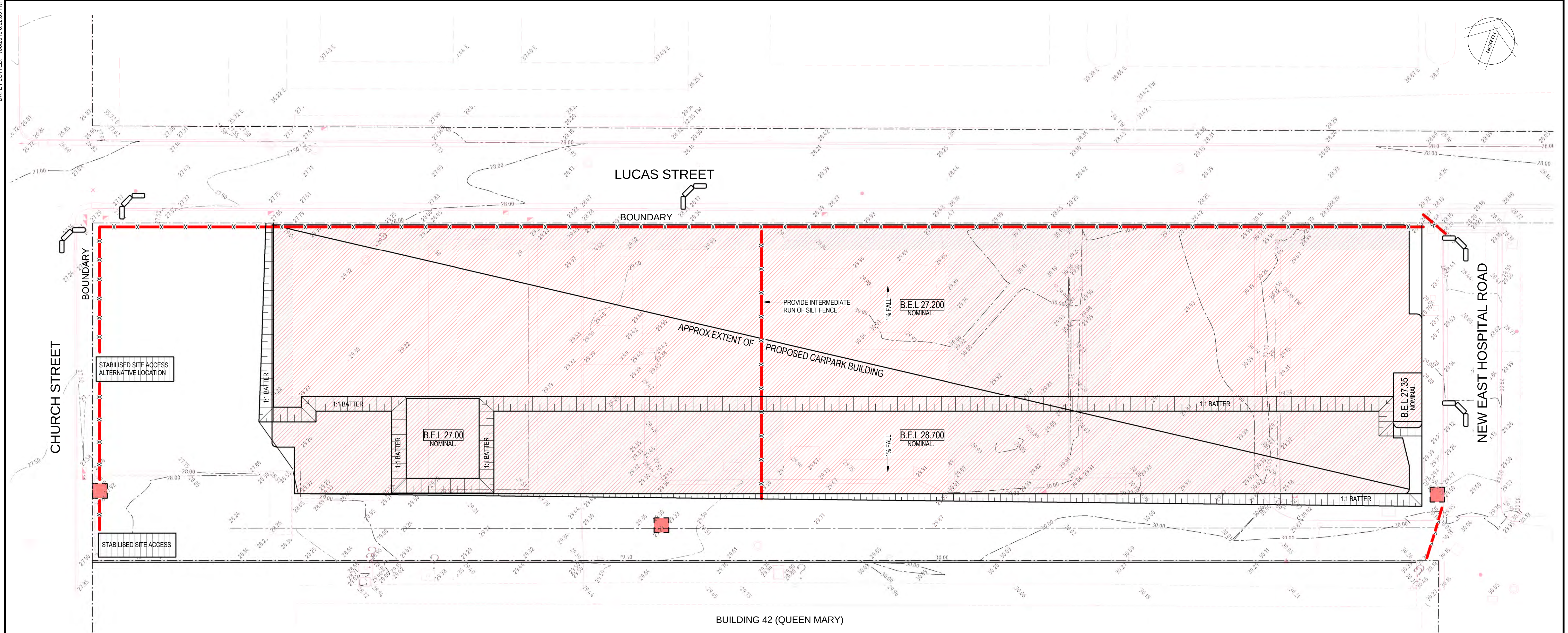
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DRAWING
3D Visuals

PROJECT NO.
21604

DRAWING NO.
DA-0209

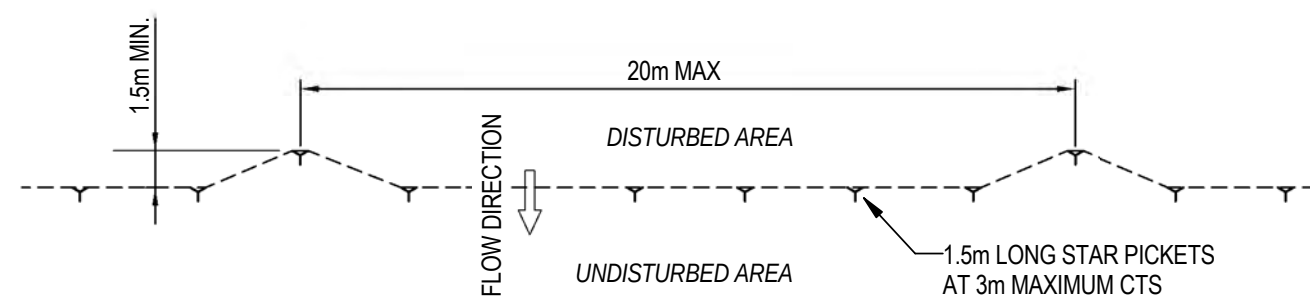
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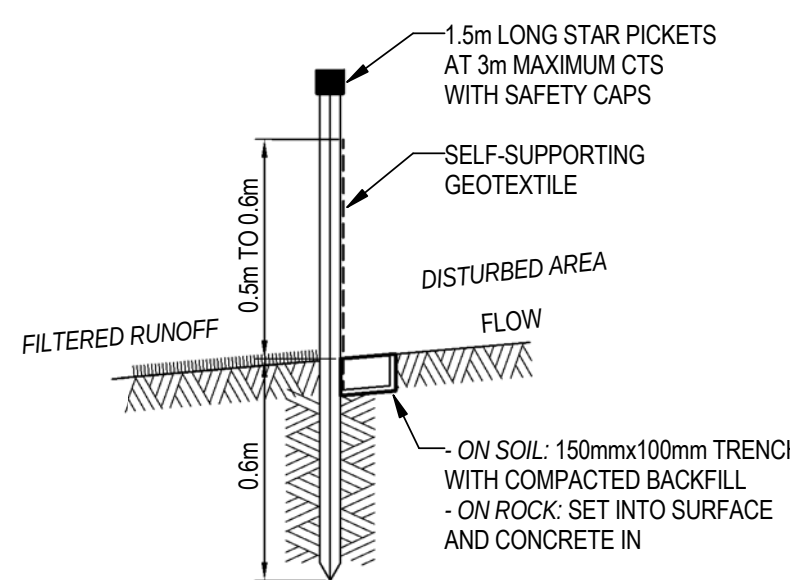
BUILDING 42 (QUEEN MARY)

EROSION & SEDIMENT CONTROL PLAN

SCALE 1 : 200



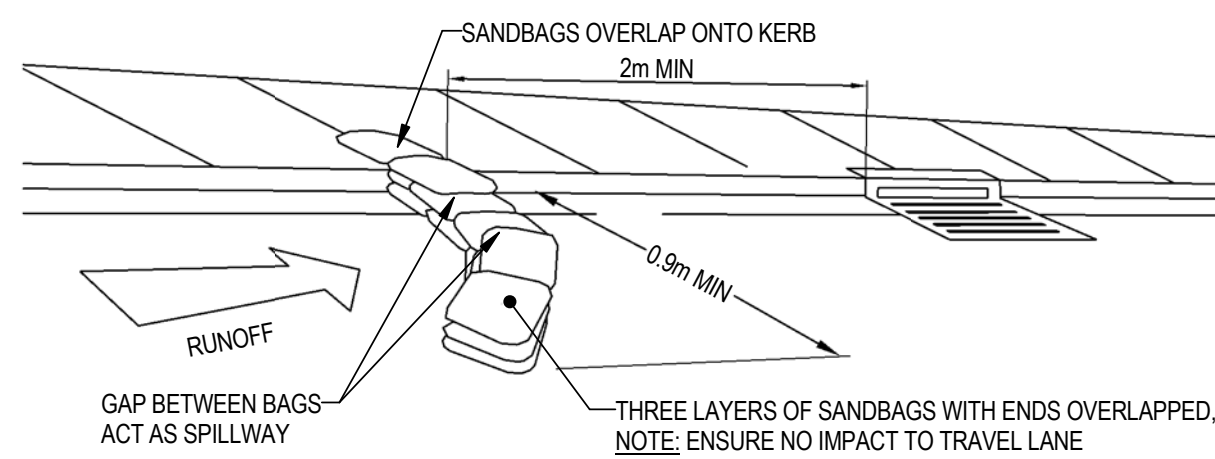
PLAN



SECTION

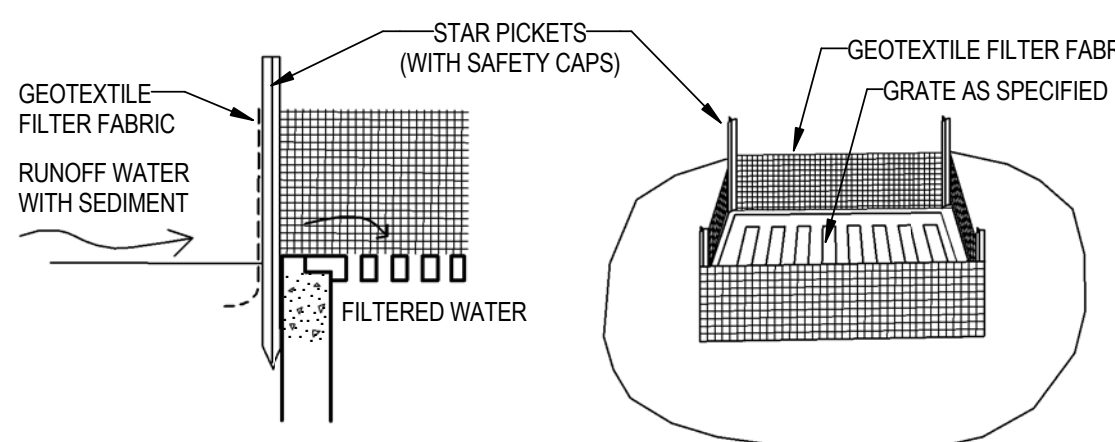
SILT FENCE

NOT TO SCALE



SANDBAG SEDIMENT TRAP FOR KERB INLET ON GRADE

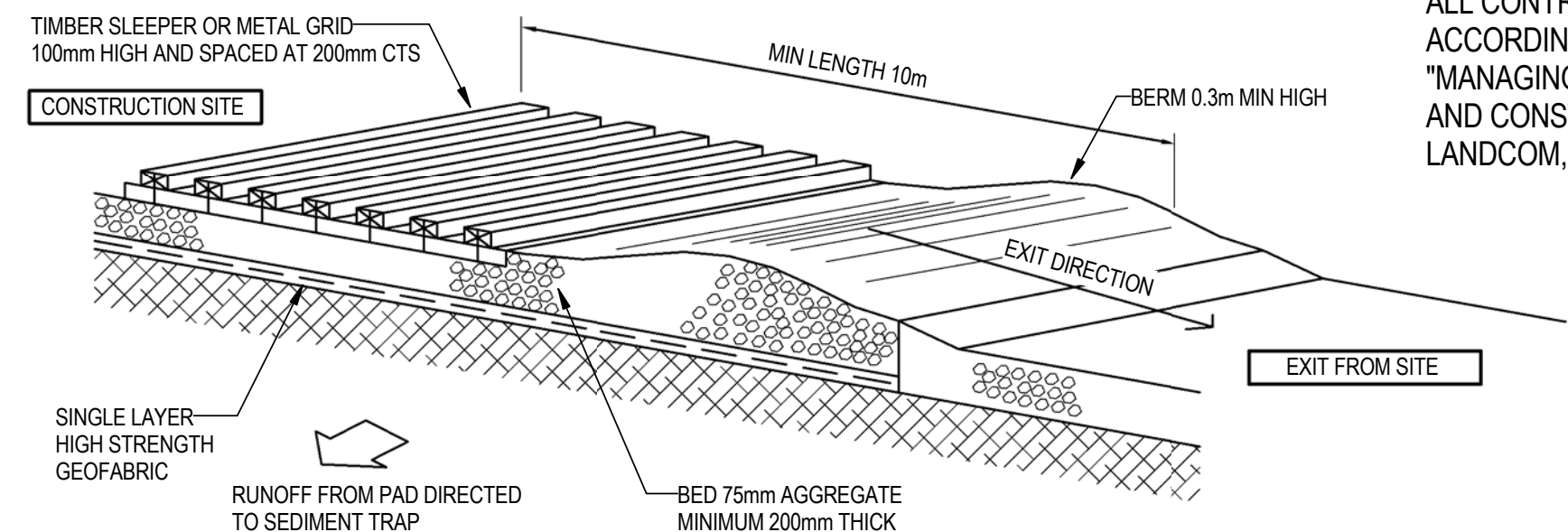
NOT TO SCALE



GEOTEXTILE FILTER PIT SURROUND

NOT TO SCALE

TEMPORARY STABILISED SITE ACCESS NOTES:
1. THIS DEVICE IS TO BE LOCATED AT ALL EXITS FROM THE CONSTRUCTION SITE.
2. THE DEVICE IS TO BE REGULARLY CLEANED OF DEPOSITED MATERIAL SO AS TO MAINTAIN A 50mm DEEP SPACE BETWEEN PLANKS.
3. ANY UNSEALED ROAD BETWEEN THIS DEVICE AND COUNCIL'S NEAREST ROADWAY TO BE TOPPED WITH 100mm THICK 40mm NOMINAL SIZE AGGREGATE.
4. ALTERNATIVELY, THREE (3) PRECAST CONCRETE CATTLE GRIDS (AS MANUFACTURED BY 'HUMES CONCRETE') MAY BE USED. NOTES 1, 2 & 3 ABOVE WILL STILL APPLY.



TEMPORARY STABILISED SITE ACCESS

NOT TO SCALE

NOTES

THIS LAYOUT PRESENTS ONE OF A NUMBER OF POSSIBLE SOLUTIONS FOR THE EROSION AND SEDIMENTATION CONTROL ON THE SITE DURING THE CONSTRUCTION PERIOD.

FINAL LAYOUT TO BE PREPARED BY THE CONTRACTOR TO SUIT THEIR SITE LAYOUT, OPERATIONS SEQUENCE, STAGING ETC.

ALL CONTROLS TO BE CONSTRUCTED ACCORDING TO THE REQUIREMENTS OF "MANAGING URBAN STORMWATER SOILS AND CONSTRUCTION" - 4th EDITION LANDCOM, MARCH 2004.

LEGEND

- EXISTING STRUCTURE TO BE DEMOLISHED
- SILT FENCE, REFER DETAIL
- TEMPORARY DIVERSION DRAIN, SANDBAGS OR SIMILAR
- GEOTEXTILE FILTER PIT SURROUND, REFER DETAIL
- SANDBAG KERB INLET SEDIMENT TRAP, REFER DETAIL
- SILT TRAP/ SANDBAGS AROUND NEW/EXISTING PIT, REFER DETAIL
- TEMPORARY STABILISED SITE ACCESS, REFER DETAIL



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B	01-06-2016	ISSUED FOR SDD APPLICATION	STH	PNW	
A	09-05-2016	ISSUED FOR D.A.	STH	PNW	PNW

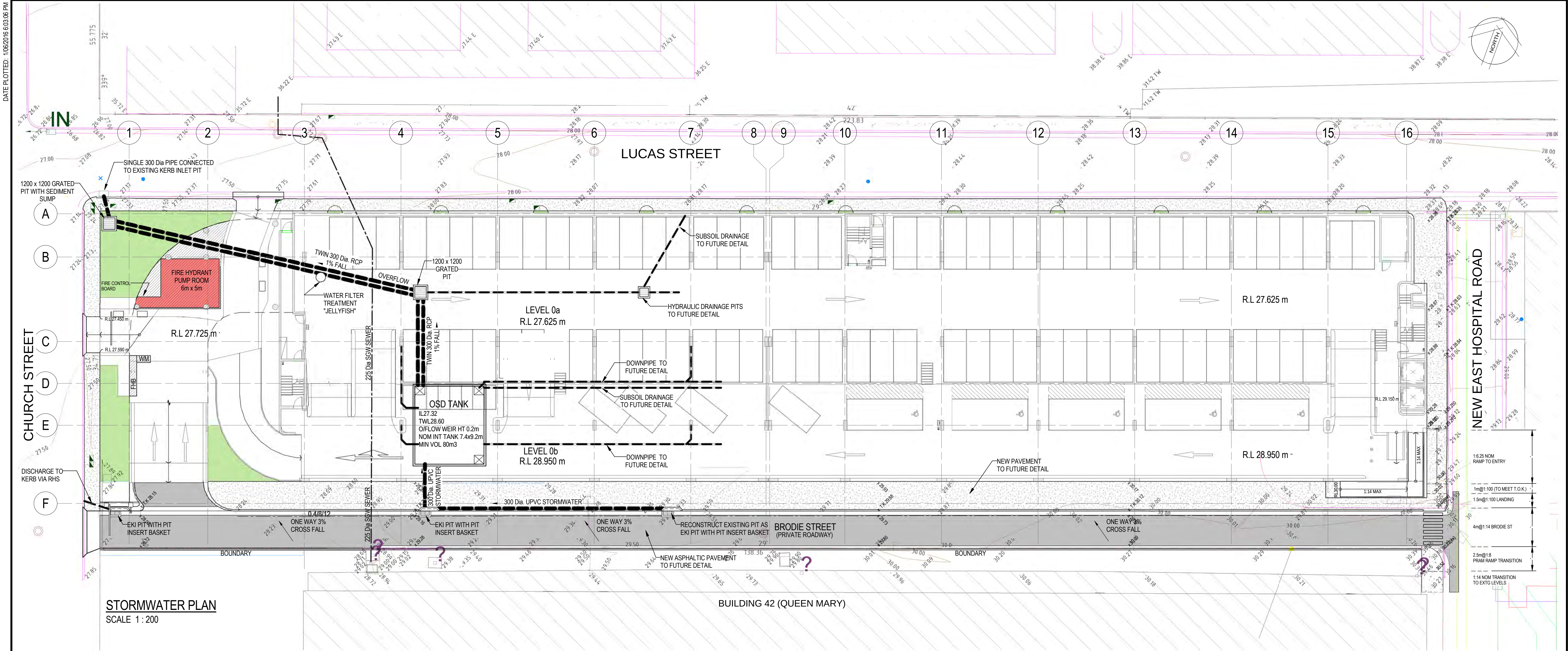
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Drawn	Date	Client
A.C.	03-05-2016	HEALTH INFRASTRUCTURE
Checked	Date	Project
S.T.H.	03-05-2016	ROYAL PRINCE ALFRED HOSPITAL PROPOSED MULTISTORY STAFF CARPARK 106-112 CHURCH ST, CAMPERDOWN 2050
Designed	Date	Title
S.T.H.	03-05-2016	SEDIMENTATION & EROSION CONTROL PLAN
Verified	Date	
P.N.W.	03-05-2016	
Approved	Date	

Status	Date	Scale	Size
SDD APPLICATION NOT TO BE USED FOR CONSTRUCTION PURPOSES	09-12-2015	1:20, 1:200	A1
Datum	Date	Scale	Size
NA80813231-DA-0301			B



STORMWATER PLAN
SCALE 1 : 200

EARTHWORKS

- BE1. OVER FULL AREA OF EARTHWORKS, CLEAR VEGETATION, RUBBISH, SLABS ETC. AND STRIP TOPSOIL, Min. 100mm THICK. REMOVE FROM SITE EXCEPT TOP SOIL FOR RE-USE.
- BE2. EXCAVATE THE EXPOSED SOIL TO FINISHED SUB-GRADE LEVEL. DISCARD ANY EXPOSED MATERIAL WITHIN THE CATEGORY DESCRIBED IN NOTE BE1.
- BE3. CUT AND FILL OVER THE SITE TO LEVELS REQUIRED.
- BE4. IN AREAS OF CUT OR IN EXISTING GROUND, PRIOR TO ANY FILLING, PROOF ROLL THE EXPOSED SURFACE IN ACCORDANCE WITH CLAUSE 5.4 OF AS3798 ENSURING THAT ADJACENT STRUCTURES ARE NOT DAMAGED DURING WORKS.
- BE5. EXCAVATE AND REMOVE ANY SOFT SPOTS ENCOUNTERED DURING PROOF ROLLING AND REPLACE WITH APPROVED FILL COMPACTED IN LAYERS. THE WHOLE OF THE EXPOSED SUBGRADE AND FILL SHALL BE COMPACTED TO 98% STANDARD MAXIMUM DRY DENSITY AT OPTIMUM MOISTURE CONTENT $\pm$ 2%. THE COSTS OF TESTING AND RE-TESTING ARE TO BE ALLOWED FOR BY THE CONTRACTOR.
- BE6. ON SITE FILLING AREAS. CONTRACTOR SHALL TAKE LEVELS OF EXISTING SURFACE AFTER STRIPPING TOPSOIL AND PRIOR TO COMMENCING FILL OPERATIONS.

EARTHWORKS (CONT)

- BE7. ROCK WHERE HARD ROCK IS EXPOSED IN THE EXCAVATED SUB-GRADE, THIS WILL BE INSPECTED AND A DECISION MADE ON THE LEVEL TO WHICH EXCAVATION IS TAKEN.
- BE8. FILL IN 250mm MAXIMUM (LOOSE THICKNESS) LAYERS TO UNDERSIDE OF BASECOURSE USING THE EXCAVATED MATERIAL AND COMPACTED TO 98% STANDARD (AS 1289 5.1.1) MAXIMUM DRY DENSITY AT OPTIMUM MOISTURE CONTENT $\pm$ 2%. SHOULD THERE BE INSUFFICIENT MATERIAL FROM SITE EXCAVATIONS IMPORT AS NECESSARY CLEAN GRANULAR FILL TO APPROVAL.
- BE9. BATTERS TO BE AS SHOWN, OR MAXIMUM 1V : 3H.
- BE10. ALL CONDUITS AND MAINS SHALL BE LAID PRIOR TO LAYING FINAL PAVEMENT.
- BE11. ALL BATTERS AND FOOTWAYS ADJACENT TO ROADS SHALL BE TOPSOILED WITH 150mm APPROVED LOAM AND TURFED UNLESS OTHERWISE SPECIFIED.

STORMWATER DRAINAGE

- SD1. STORMWATER DRAINAGE SHALL BE GENERALLY IN ACCORDANCE WITH AS 3500.3
- SD2. PIPES UP TO AND INCLUDING 300mm DIA SHALL BE uPVC U.N.O. TO AS 1254. PIPE LAID AT MINIMUM 0.5% GRADE U.N.O. BEDDING TO AS 2032.
- SD3. MINIMUM COVER TO PIPES 300mm GENERALLY & 600mm IN CARPARK & ROADWAY AREAS. UNLESS NOTED.
- SD4. BACKFILL TRENCHES WITH APPROVED FILL, SUCH AS SANDY LOAM, COMPACTED IN 200mm LAYERS TO 98% OF STANDARD DENSITY TO AS 1289 5.1.1.
- SD5. PITS SHALL BE OF REINFORCED CONCRETE CONSTRUCTION OR AS DETAILED. GALVANISED, HINGED METAL GRATES AT LEVELS INDICATED. ALL PITS DEEPER THAN 1200mm TO HAVE STEP IRONS. PRECAST PITS MAY BE USED SUBJECT TO APPROVAL.
- SD6. BUILD INTO UPSTREAM FACE OF ALL PITS A 3m PERFORATED SUBSOIL LINE - COVERED WITH FILTER FABRIC SOCK, FALLING TO PITS TO MATCH PIT INVERT.
- SD7. SUBSOIL LINE PIPES AND FITTINGS SHALL BE PERFORATED PLASTIC TO AS 2439 PART 1. LAY PIPES ON FLOOR OF TRENCH AND OVERLAY WITH FILTER MATERIAL EXTENDING TO WITHIN 200mm OF SURFACE. PROVIDE FILTER FABRIC OF PERMEABLE POLYPROPYLENE BETWEEN FILTER MATERIAL AND TOPSOIL.

STORMWATER DRAINAGE (CONT)

- SD8. ALL GRATES AND FRAMES IN ROAD PAVEMENT TO BE GALVANISED, CYCLE SAFE AND CLASS D TO AS 3996.
- SD9. ALL GRATES AND FRAMES IN CARPARK TO BE GALVANISED AND CLASS C TO AS 3996.

NOTE:
ALL UTILITIES ARE TO BE ACCURATELY LOCATED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

REFER TO DRAWING NA808231-DA-0301 FOR SITE EROSION CONTROL DETAILS



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B	01-06-2016	ISSUED FOR SDD APPLICATION	STH	PNW	
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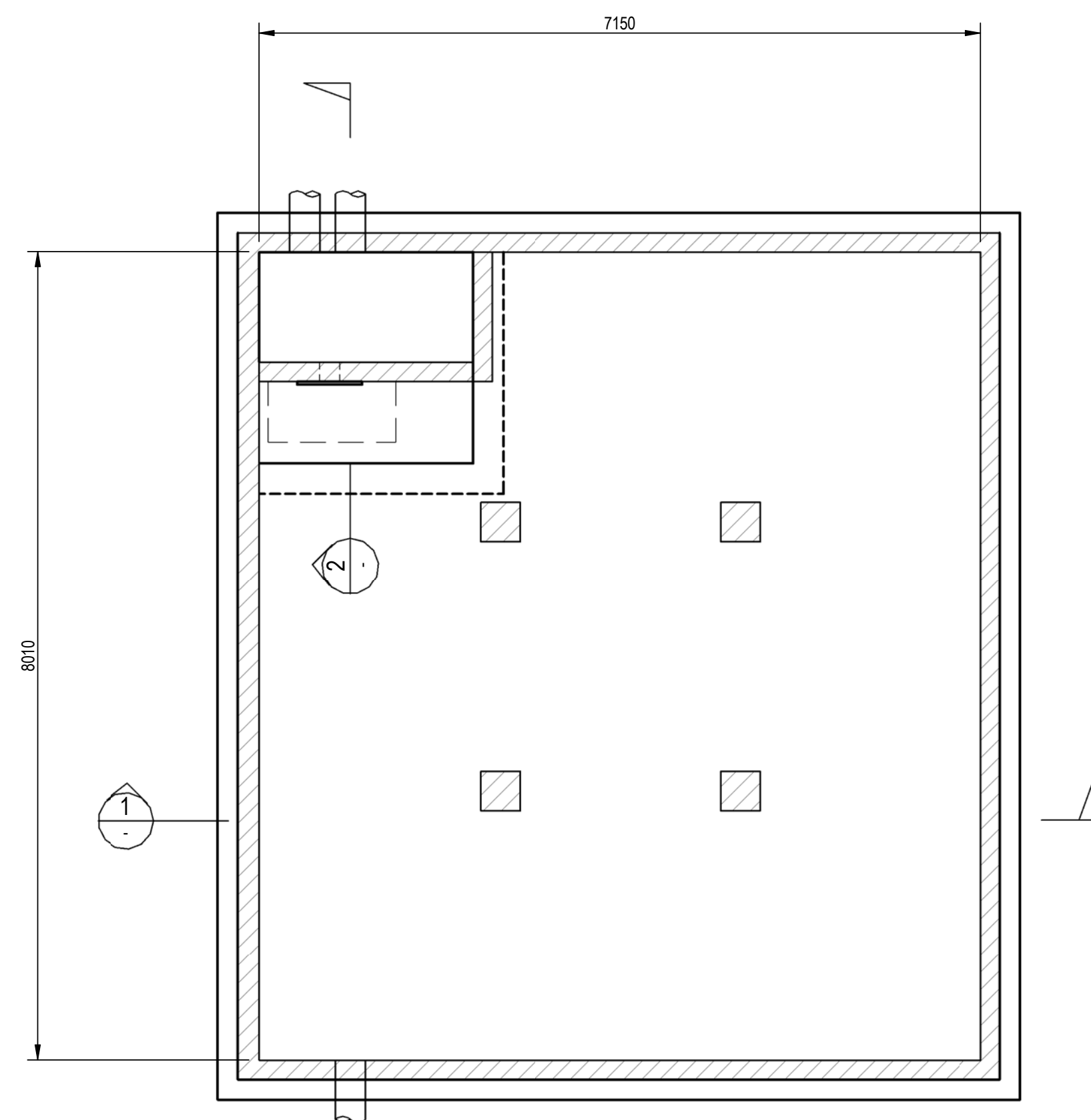
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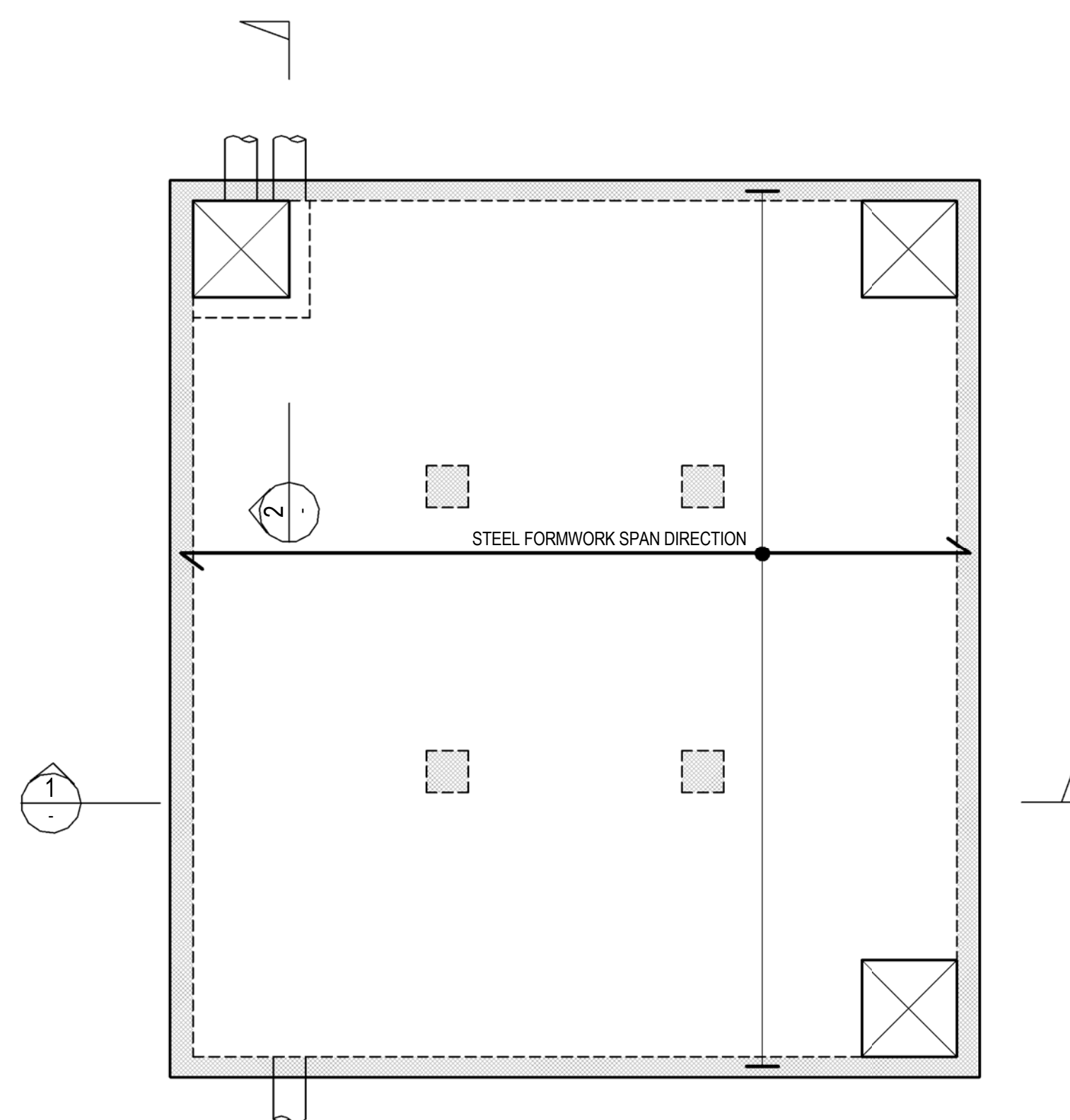
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Drawn	Date	Client
A.C.	03-05-2016	HEALTH INFRASTRUCTURE
Checked	Date	Project
S.T.H.	03-05-2016	ROYAL PRINCE ALFRED HOSPITAL PROPOSED MULTISTORY STAFF CARPARK 106-112 CHURCH ST, CAMPERDOWN 2050
Designed	Date	Title
S.T.H.	03-05-2016	STORMWATER PLAN
Verified	Date	
P.N.W.	03-05-2016	
Approved	Date	

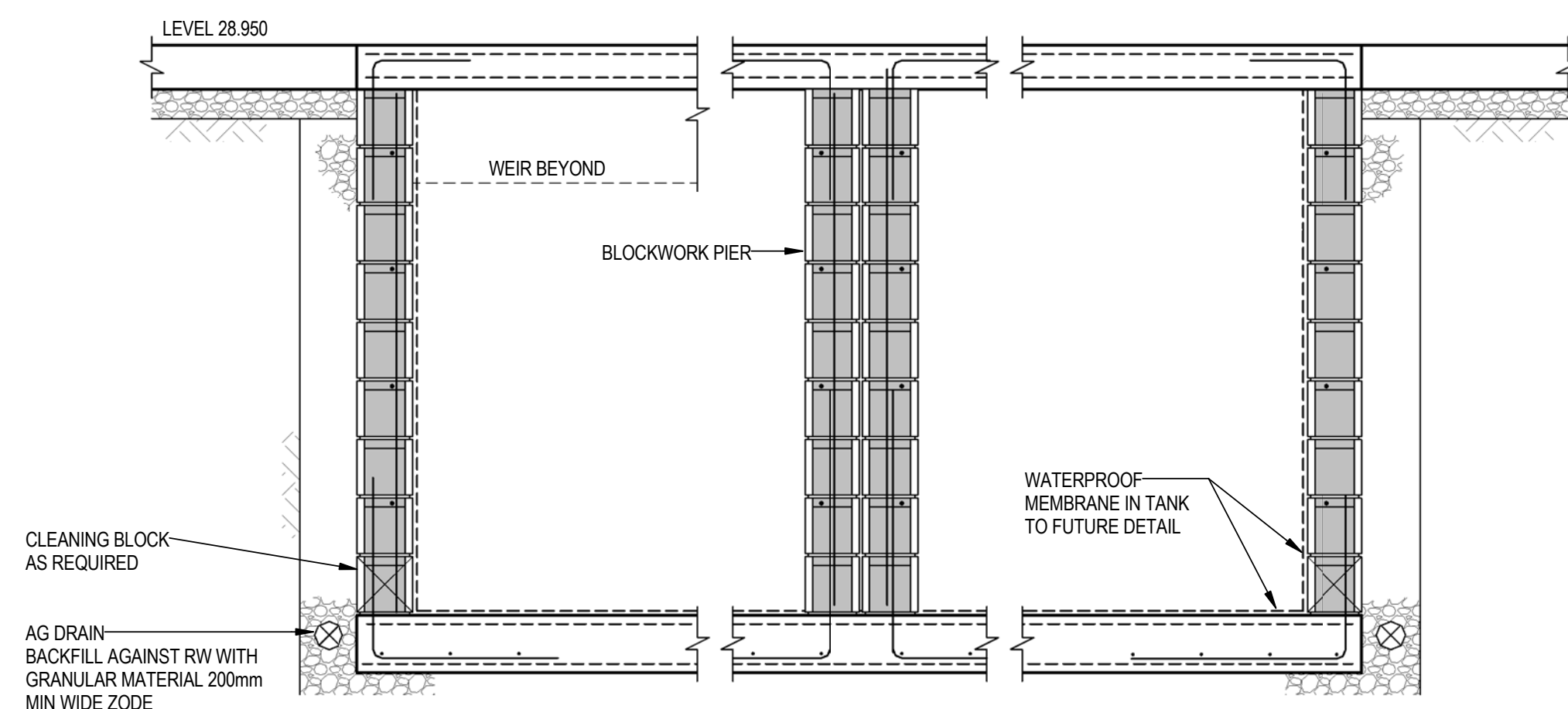
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Datum	Date	Scale	Size	
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Drawing Number	NA80813231-DA-0310			Revision
				B



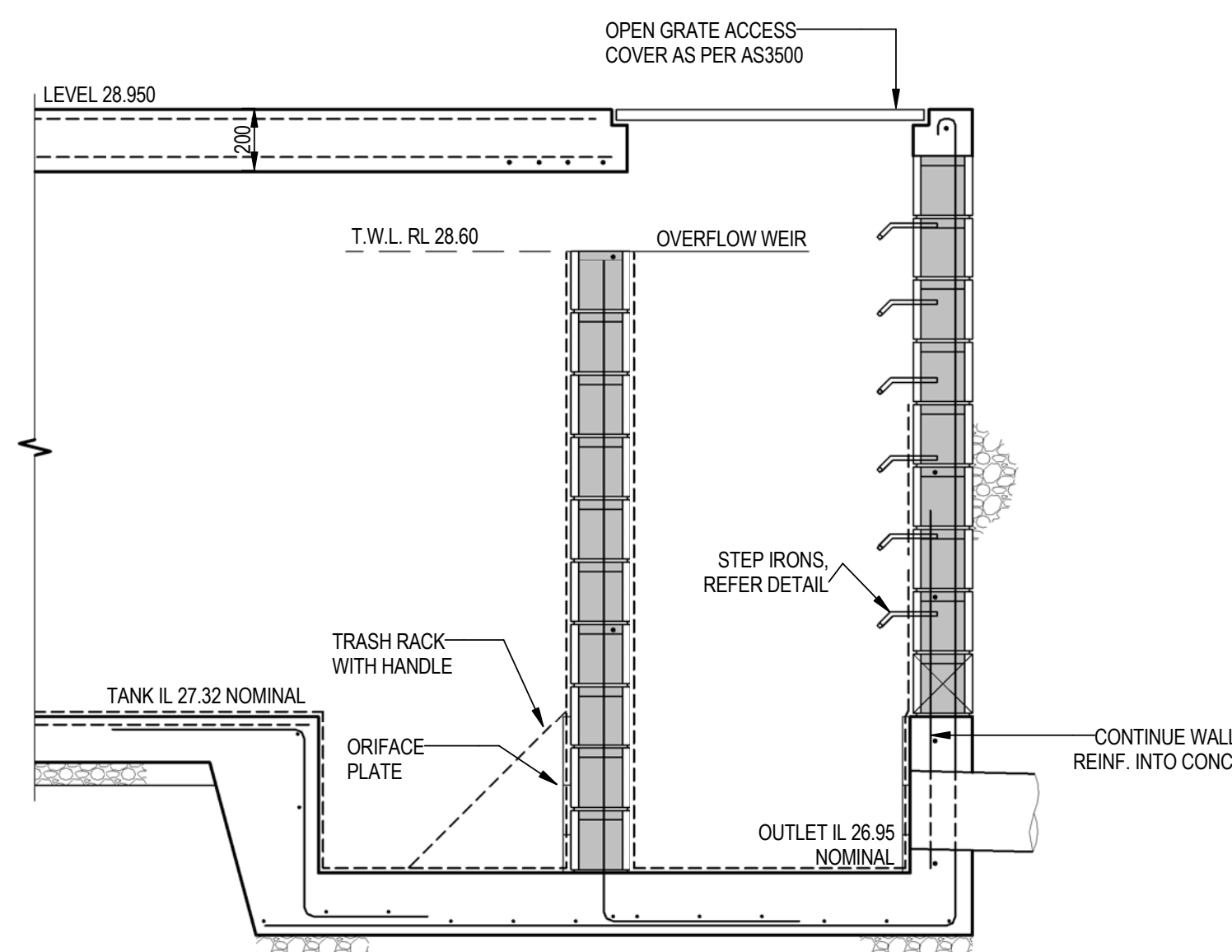
DETENTION TANK BASE SLAB PLAN
SCALE 1:100



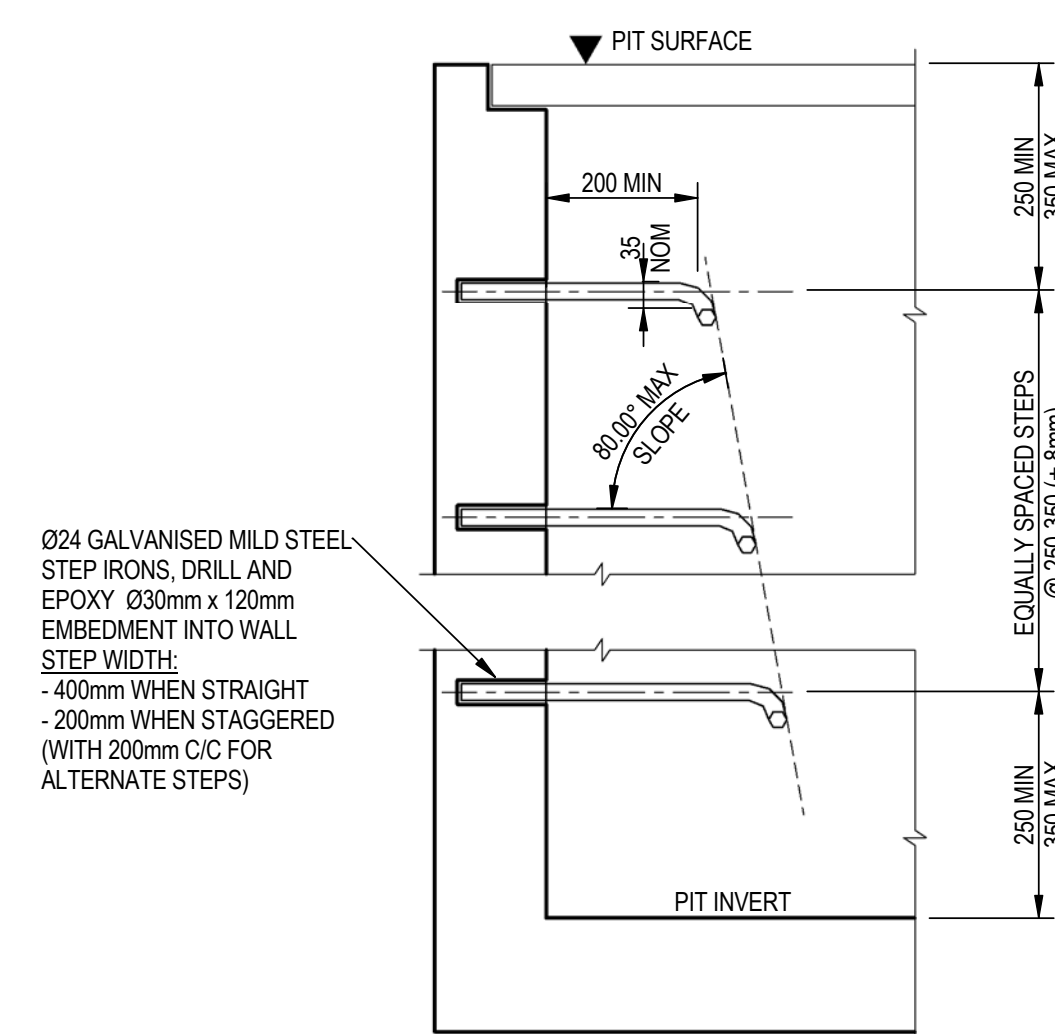
DETENTION TANK ROOF SLAB PLAN
SCALE 1:100



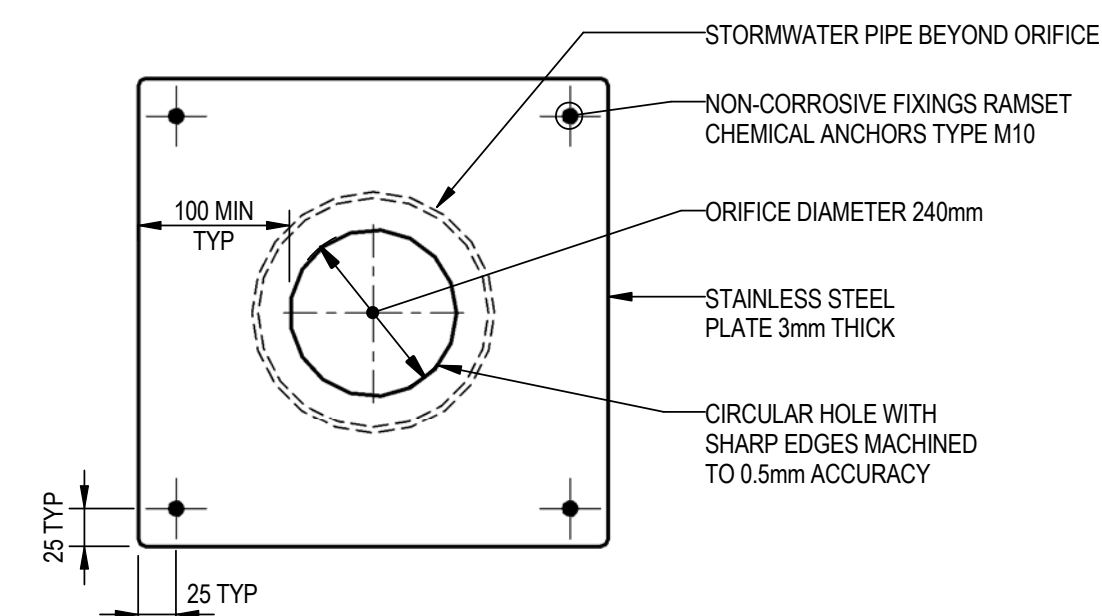
SECTION 1
SCALE 1 : 20



SECTION 2
SCALE 1 : 20



TYPICAL STEP IRON DETAIL
SCALE 1:10



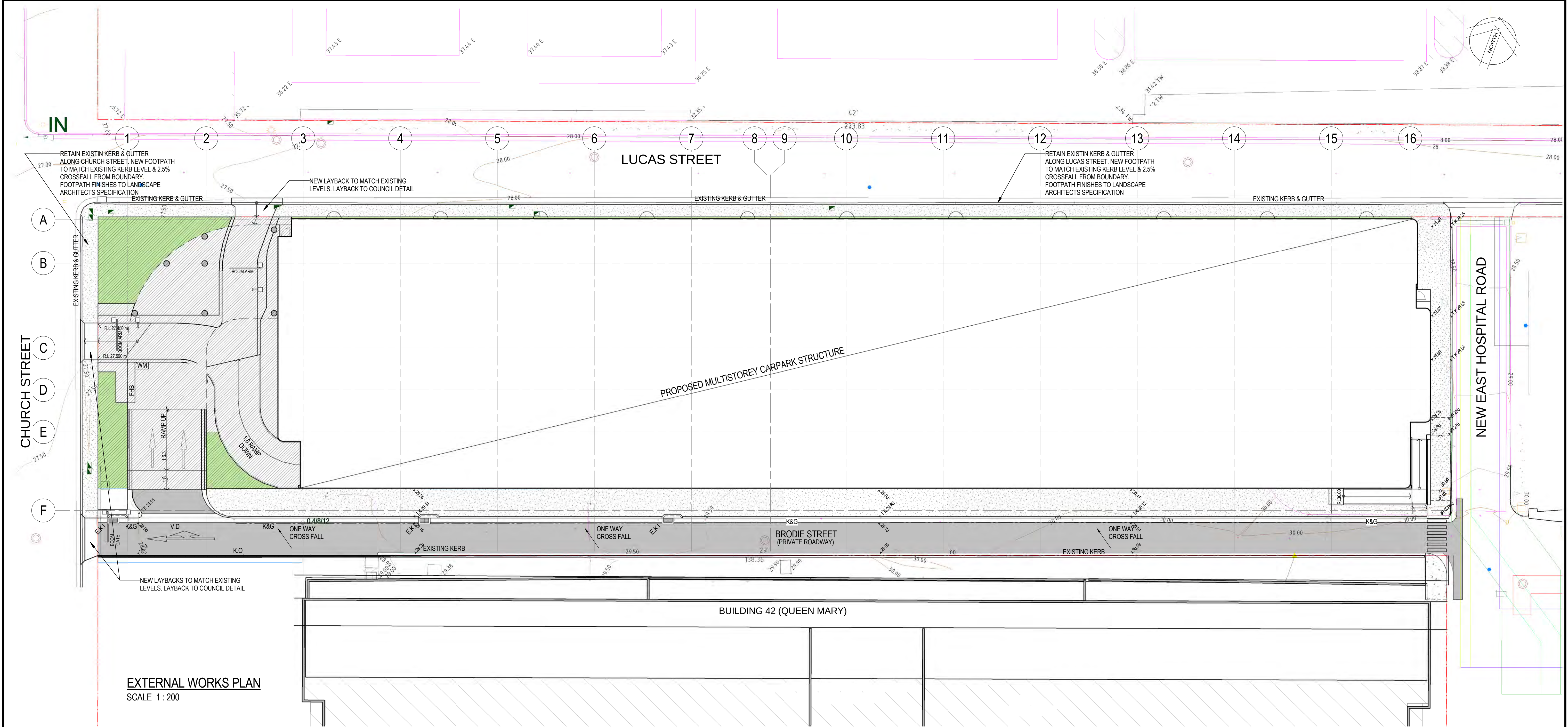
ORIFICE PLATE DETAIL
SCALE 1:5
NOTE: ORIFICE DIAMETER TO BE ENGRAVED
ON THE PLATE SURFACE. ORIFICE TO BE
EPOXY SEALED AROUND OUTER EDGES.

[illegible]

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Drawn A.C	Date 03-05-2016	Client	HEALTH INFRASTRUCTURE			
Checked S.T.H	Date 03-05-2016	Project	ROYAL PRINCE ALFRED HOSPITAL PROPOSED MULTISTORY STAFF CARPARK 106-112 CHURCH ST, CAMPERDOWN 2050		Status	SDD APPLICATION NOT TO BE USED FOR CONSTRUCTION PURPOSES
Designed S.T.H	Date 03-05-2016	Verified P.N.W	Date 03-05-2016	Title	Datum 09-12-2015 Scale 1:5, 1:10, 1:20 Size A1	
Approved	Date	STORMWATER DETAILS			Drawing Number NA80813231-DA-0311 Scale 1:50	Revision B



EXTERNAL WORKS PLAN
SCALE 1 : 200

EXTERNAL WORKS LEGEND

- NEW ASPHALT ROAD SURFACE
- K.O - NEW KERB ONLY
- K&G - NEW KERB & GUTTER
- V.D - NEW "V" DISH DRAIN
- E.K.I - NEW KERB INLET DRAIN.
- NEW CONCRETE FOOTPATH (2.5% CROSSFALL TO KERB & GUTTER)
(REFER TO LANDSCAPE DRAWINGS FOR FINISHES & PATTERNS)
- LANDSCAPE PLANTING ZONES
(REFER TO LANDSCAPE DRAWINGS FOR DETAILS)



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A	09-05-2016	ISSUED FOR D.A.	STH	PNW	PNW

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Drawn A.C.	Date 03-05-2016	Client HEALTH INFRASTRUCTURE
Checked S.T.H.	Date 03-05-2016	Project ROYAL PRINCE ALFRED HOSPITAL PROPOSED MULTISTORY STAFF CARPARK 106-112 CHURCH ST, CAMPERDOWN 2050
Designed S.T.H.	Date 03-05-2016	Title EXTERNAL WORKS PLAN
Verified P.N.W.	Date 03-05-2016	
Approved	Date	
Status SDD APPLICATION		
Datum	Date 09-12-2015	Scale 1:200
Drawing Number NA80813231-DA-0320	Size A1	Revision B