SIMULATED OFFICE PROJECT 2008 TECHNICAL REPORT

NEW FACILITY FOR ADULT BASIC EDUCATION AND VOCATIONAL TRAINING

Ву

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A Report Submitted in Partial Fulfilment of the Requirements for the Degree of Master of Architecture M.Arch

Technical Report

ACKNOWLEDGEMENTS

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- § Carl for your technical assistance, advice and support
- § Everyone at MWP for your help and encouragement

Note: All figures and photographs are by the author, except where otherwise acknowledged.

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1 INTRODUCTION

Outlined in this report are the various aspects required to technically document the proposed Centre for Adult Basic Education and Vocational Training for construction, during stage four of the standard services for which the architect is responsible. For the purposes of this technical report a portion of the proposed centre was considered, and sample working drawings have been prepared for this portion of the building. The purpose of this report is to illustrate the architect's role as a principal agent of the client in liaising with the various professional consultants. This report is to be read in conjunction with the working drawings attached as Appendix I.

2

2 STRUCTURAL RESOLUTION

2.1 Introduction

The structural system of the building has been designed in order to allow for the long spans required to accommodate flexible utilisation of space and to provide the most appropriate spaces for the specific functions contained therein. Based on the working drawings produced by the architect, or preferably through a process of consultation and collaboration, a structural engineer will need to prepare a full set of structural design drawings, including designs for foundations, walls, columns, beams, slabs and roofs. The purpose of these drawing would be to clarify and specify overall sizes and materials and structural systems to be used in the proposed building.

NOTE: All concrete and steel work (foundations, surface beds, slabs, beams, columns and roofs), while illustrated and dimensioned in the working drawings, will require the input of a structural engineer in order to finalise all dimensions, spans depths according to accommodation types and specific loads as determined by the engineer.

2.2 Foundations (To Comply with Part H of SABS 0400)

A Geo-technical engineer would need to be employed in order to conduct a survey of the soil conditions of the site. Based on the recommendations arising from this investigation, the structural engineer will be instructed as to the type of foundations which will be appropriate for this particular site. In this case the site is located near the CBD of Durban, in the Warwick Junction Precinct, which has an extremely high water level. It is therefore anticipated that a combination of pile and strip foundation will be used.

2.3 Surface Beds (To Comply with Part J of SABS 0400)

- § Surface beds are to be 150mm reinforced concrete as per the structural engineer's design and specification.
- § The surface bed for the covered walkway is to be 100mm reinforced concrete as per the structural engineer's design and specification.
- § Surface beds are to have saw cuts at maximum 450mm centres, and saw cuts, v-joints in screed and tiling joints are to coincide in order to minimise cracking brought about by settlement.
- § Surface beds are to be on USB green underlay on well compacted fill to the engineer's details and specifications.

3

2.4 Columns, Slabs and Beams (To Comply with Part B of SABS 0400)

- § Columns which fall within walls are to 230x460mm reinforced concrete columns with 150mmØ PVC rainwater downpipes cast into the columns where indicated on plan, as per the engineer's details and specifications.
- § Where illustrated within the learning resources centre, central aisle columns are to be 500mmØ reinforced concrete on ground floor, and 300mmØ on first and second floors (Re: 1/A02, 1/A03 & 1/A04).
- § Generally slabs are to be 170mm thick reinforced concrete slabs with 25mm saw cut expansion joints at maximum 4500mm centres.
- § Slabs to the book stack areas of the learning resources centre are to be 350mm reinforced concrete coffer slabs.
- § Saw cuts, v-joints in screed and tiling joints are to coincide in order to minimise cracking brought about by settlement.
- § Beam depths vary depending on the location and application, and most beams have a thickness of 230mm reinforced concrete, except where otherwise illustrated.

2.5 Walls (To Comply with Part K of SABS 0400)

- § Walls are either 230mm brick walls or 345mm cavity walls.
- § 230mm clay brickwork double skin walls are either for plaster and paint finish, or facebrick as illustrated on elevations.
- § 345mm cavity walls are to be clay stock for plaster and paint finish with walls ties every four vertical course, spaced at approximately 1m².
- § Internal walls are generally 115mm clay stock brick single skin walls for plaster and paint finish.

2.6 Roof (To Comply with Part L of SABS 0400)

The building consists of two types of roofing systems, namely CHROMADEK profiled roof sheeting on steel girder trusses, and flat concrete slabs. In the sample portion of the building taken for the purposes of illustration for this project, roofs are predominantly flat slabs, except where illustrated at the covered walkways.

- § Generally roof slabs are 170mm deep reinforced concrete slabs as per the engineer's detail and specification.
- § Over the auditorium where the span is greater than the general roof slabs, the slab is 255mm reinforced concrete slab.

- § Roof slabs are to be insulated against solar heat gain with a 40mm thick ISOFOAM 'ISOBOARD' extruded polystyrene insulation board on a minimum 30mm cement screed blinding.
- § Flat roofs are to be waterproofed with DERBIGUM or a similar approved product, to be painted silver, to be lain on a minimum 30mm cement screed to falls to outlets.

2.7 Conclusion

The overall structural system of the proposed facility is a concrete grid system consisting of columns, beams and slabs with brick and glass infill panels. Coffer slabs have been used where necessary in order to cope with the increased loads typical of libraries. The use of a concrete structural grid allows for large spans to accommodate flexible internal design of spaces and allows for large openings which allow the advantages of natural lighting to be incorporated into the scheme.

3. FIRE REPORT

3.1. Introduction

This chapter deals with the steps which are necessary to make a building compliant with the fire safety regulations in terms of Part T of the South African National Building Regulations (SABS 0400). In order to determine the requirements of compliance with the safety regulations the building is classified as follows:

- § A3: Place of Instruction (SABS 0400; Table 1; p. 34).
- § C2: Library (SABS 0400; Table 1; p. 34).

3.2. Fire Fighting Equipment and Escape Routes (To Comply with Part T of SABS 0400)

The requirements stipulated in Part T of the SABS 0400 which have been accommodated and illustrated in the illustrated portion of the proposed building are:

- § One fire extinguisher per 200m²
- § Fire extinguisher to be 9kg portable dry chemical type.
- § One fire hose reel shall be provided per 500m² to accommodate 30m hose lengths.
- § One fire hydrant per 1000m².
- § Fire detection and smoke alarms to be installed throughout the building.
- § An approved sprinkler system shall be installed.
- § Operable windows at roof level to permit smoke ventilation.
- § Not less than 2 escape routes are to be provided with the distance of travel not exceeding 45m.
- § Exit doors shall open in the direction of travel along the escape route.
- § The width of the escape route shall not be less than 1100mm.
- § Water reticulation to fire fighting equipment shall be provided.
- § Emergency routes shall be clearly marked and signposted to indicate the direction to be travelled in the case of an emergency.

3.3. Conclusion

Further consultation with a specialised fire engineer or fire officer would ensure that the building is compliant with the fire safety regulations as laid out in the SABS 0400.

4. MECHANICAL RESOLUTION

4.1. Introduction

The mechanical resolution of this building focuses mainly on the air conditioning system. This system is to be housed in the ceiling void and to be reached from the origin on ground floor below the raked floor of the auditorium, via the services room and vertical ducts.

4.2. HVAC (To Comply with Part TT43 of SABS 0400)

Appropriate size and type of HVAC system is to be determined by the mechanical engineer. Space has been allocated to accommodate the mechanical ventilation system, but the specific design of the system is to be done by the mechanical engineer and is to be coordinated by the architect.

§ Air conditioning is to comply with Part TT43 of SABS 0400.

4.3. Conclusion

Consultation with a mechanical engineer will serve to define the specifics of the HVAC system as well as to improve the efficiency of the system. The possibility of the installation of passive heating and cooling system will be based on the advice given by the mechanical engineer.

5. SERVICES

5.1. Introduction

Outlined in this chapter are the various services which are required in the building. The design of these systems and installations will be in consultation and coordination with the electrical, mechanical and civil engineers.

5.2. Drainage (To Comply with Part P of SABS 0400)

The building will have a standard drainage system linking to the municipal sewer line.

- § Sanitary fixtures are to be supplied based on the population of the building calculated as per Table 2 of Part A and Table 6 of Part P of the SABS 0400.
- § All soil pipes, waste pipes, rodding eyes, inspection eyes and gullies are to comply with Part P of the SABS 0400.

5.3. Stormwater Disposal (To Comply with Part R of SABS 0400)

- § Gutters, valley gutters and downpipes are to comply with Part R of the SABS 0400.
- § Access points to stormwater drains shall not be further apart than 40m.

5.4. Water Supply

The mechanical engineer will be called upon to specify the implementation and installation of the water supply system as required. All piping shall be PVC and shall be sized according to the engineer's specifications.

5.5. Lifts (To Comply with Part SS3 & TT45-TT48 of SABS 0400)

The appropriate lift is to be specified by the mechanical engineer, and the lift shaft and pit are to be designed by the structural engineer to fit within the allocated space.

5.6. Electrical (To Comply with Part OO6 of SABS 0400)

All electrical cabling and conduits are to be specified and designed by the electrical engineer. All work is to comply with:

- § SABS 0142 in terms of the code of practice for the wiring of the building.
- § SABS 0114 in terms of the code for interior artificial lighting.
- § Provision must be made to accommodate telephones, computer, internet and LAN cabling.

5.7. Conclusion

Further consultation with I engineers will be required in order to be able to produce layout drawings which will then be coordinated with the architect's working drawings.

6. CONCLUSION

This report briefly covers the major technical aspects of a building which need to be resolved for the purposes of construction. It also illustrates the roles played by some of the many professional consultants in the construction process. The most important aspect illustrated is that the architect, in the role of principal agent, has the responsibility if coordinating the information from all the consultants on the professional team in order to ensure that there are no clashes of services.

Appendix I – Working Drawings



DRAWING REGISTER

Page No. 1 of 2

DISTRIBUTION: COPIES: ATTENTION: leigh hartl lci ifnt University of KwaZulu-Natal School of Architecture, Housing and Planning Student No.: 207514952 tel: (083) 359 6973 fax: (011) 675 2778 CONTRACTOR QUANTITY SURVEYOR NEW CENTRE FOR ADULT BASIC EDUCATION STRUCTURAL ENGINEER on STAND 3340, GREYVILLE, DURBAN PROJECT: CIVIL ENEGINEER MECHANICAL ENGINEER 2801 PROJ No: ELECTRICAL ENEGINEER LANDSCAPE ARCHITECT REG. No No.1 - 12 January 2009 & DATE: INTERIOR ARCHITECT DESCRIPTION: SCALE | SIZE: DWG No & REVISION: PHASING: 6 8 9 10 SITE PLAN 1:500 A1 A1 12/01 PART GROUND FLOOR PLAN 1:50 A2 A1 12/01 **A3** PART FIRST FLOOR PLAN 1:50 A1 12/01 1:50 PART SECOND FLOOR PLAN A1 12/01 PART ROOF PLAN 1:50 A1 A5 12/01 PART SECTION A-A THROUGH AUDITORIUM & LRC 1:50 A1 **A6** 12/01 1:50 Α7 PART WESTERN ELEVATION A1 12/01 PART SOUTHERN ELEVATION 1:50 **8**A A1 12/01 WALL SECTION 01 **B1** 1:25 A1 12/01 TILING LAYOUTS; INTERNAL ELEVATIONS: GROUND FLOOR TOILETS 1:25 B2 A1 12/01 **B3** INTERNAL ELEVATIONS: GROUND FLOOR TOILETS 1:100 A1 12/01 DOOR SCHEDULE **C1** NTS **A3** 12/01 DOOR TYPE SCHEDULE 1:20 **A3 C2** 12/01 ß DOOR TYPE SCHEDULE 1:20 A3 12/01 DOOR TYPE SCHEDULE 1:20 (4 A3 12/01 DOOR TYPE SCHEDULE 1:20 C5 A3 12/01 ۲6 DOOR TYPE SCHEDULE 1:20 **A3** 12/01

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ABBREVIATIONS

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BRICK ON FLAT
BATH
BRICKWORK
CAST ALUMINUM
CAST BRASS PALTYNYN, CHLORIE
ABS, BERLIN, NYLON AIC.
GUANTITY SLATEYOR
REDATOR
REMFORCED CONCRETE
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REDONG EYE
RISING MAIN
REFLUX YALVE
RAIN WALFE CHAMBEL
RAIN WATER CHAMBEL
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CLEANING EYE
CEMENT
COUNTER FLASHING
CAST IRON
CONSTRUCTION JOINT
COVER LEVEL
CENTRE! IME COVER LEVEL
CENTRE LINE
COLUMN
CONDETE
COPPER
CHROMUM PLATED
CUPBOVAD
ZINC ALLOY
DISCHARGE PPE
DAMP PROOF COURSE
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SECTION A	BUILDING SECTIONS eg SECTION A-A
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EXISTING LEVEL

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DETAIL 1 ON SHEET A19

PROJECT No.	DWG No.	DESCRIPTION	SCALE
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	A3	PART FIRST FLOOR PLAN	1:50
	A4	PART SECOND FLOOR PLAN	1:50
	A5	PART ROOF PLAN	1:50
	A6	PART SECTION A-A THROUGH AUDITORIUM & LRC	1:50
	A7	PART WESTERN ELEVATION	1:50
	8A	PART SOUTHERN ELEVATION	1:50
	B1	WALL SECTION 01	1:25
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	6	DOOR TYPE SCHEDULE	1:20
	C7	MINDOM SCHEDULE	NTS
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	(9	WINDOW TYPE SCHEDULE	1:50
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	C11	WINDOW TYPE SCHEDULE	1:50
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SPECIFICATIONS/NOTES:

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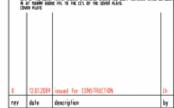
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- D. ME, COME MONT OF ANY NABITALE SOON SALE SE SCHOOL GLANET, AS SOURCE BY ARRIVED BY MERCUTE OR SMLAR PRINCIPLES WOOL GLANET, AS
- PLASTERING.
- Mittelia, tales calot rijastes svalu et is ribots sales Ale 1 riant célebr ules is A Blaz, trapates de 1944, praiss der with a ribbes spisse, platisacion to resivise. A biana sibilités d'unités d'auto ribot pro paragination administ.
- in the server, including their fixed for excellents abbeing in the control of the PAINTING
- 21. ALL PÁBLS, STÁBS, VÁRÍSHES, ETC. STÁLL DE OF JÁN JOPPONED HÁMIFÁTURE ÁRD. DE VISES ÍN STRUT COMPLINES WITH THE NAMIFACTURERS INSTRUCTORS.
- WITHOUT ENTERING PART WALL BE TO ACCORDING MESSELENCE OF MESSELENCE PROPERTY OF THE PROMET SPECIFICATION AND SHALL BE APPLED IN ACCORDING USES THE PROMETED FRANCE SPECIFICATIONS AND ACCORDING TO PROME SPECIFICATIONS AND ACCORDING TO PROME SPECIFICATIONS.
- VARIOUS TO ARCHITECTURALETS SPECIFICATION 1 COATS SPACETE RISK WICE PROSPECTIVE, SAIDLE LEGILLY RETAINS (MAT)
- WINDOWS/000RS/GLAZING (PART N of SABS 0400). MESHAL DOORS SHALL BE SEM SOUR INHER & THERE HEART TO ARCHITECTS AN AND SHALL BE STREAM? M. ACCREMACE WITH THE SILES SCHOOLS.
- d. Datenia, Dies Sami, et Soud There of There Pears to Armedya, Art Sami, et Cherycz & Hospinacz with the Dies Shedial.
- MADDYS SHALL BE PRYSER COATES ALLEMANN FRANC TO ARCHITET'S APPROVIL, AND GULL BE STREAMED IN EXCENSIVES WITH THE WINDOW CONDUCE.
- AL DAING TO CHRIT WIN THE REMINDRING CRITISHED IN SIDE WELL.
- PLUMBING (PART P of SABS 0400).
- M. DRÁNS SHÁLL BE LÁID STREELT IN ACCORDANCE WITH THE DRÁWNES, REQUIRÉRENS OF LOCAL MURRIARY AND PART OF LIGHE OF THE NATURAL BRANCH PROJECTION.
- LA COMMON THE THE PARK OF JUSTICE OF THE PARKAL DELIES REQUIRED.

 LA COMMON THE THE RECEIVED TO THE COLD OF THE COLD THAT THE COLD OF THE
- . NO DIANNE BOND OF JUSTICES RESEATE A BULBRE DIANNE MYS LAGR BULBRE TO BE PERFECTED MEN LINES.
- SLEDED WYS TO BE ACCESSED ASSIC FURTH LEVELS AT DICH (SEE OF SLEDE, WYS TO BE ROLLY ACCESSED ALMO SHIPE USIN'S COLAMO CYCS TO ALL JACTION AND BORS A WYS.
- ALL MPS IN A 1 PME SYSTEM ID BE THITTED METH A FORM DEEP SEAL TEAM, AMP ENDS
- THE PT IS OF A SYNTAME AND SHORE EXPEN.

 If ALL MYS TO BE ACTIONAL AND SHORE EXPEN.

 A MEMBER DAY WALL BE BETTEEN WHITE THOSE IN A CHINGE MY SHORENING ON A CHINGE THOSE IS A CHINGE THOSE IN ANY OWNERS AND ADMINISTRATION ADMINISTRATION AND ADMINISTRATION AND ADMINISTRATION AND ADMINISTRATION ADMINISTRATION AND ADMINISTRATION ADMINISTR
- A MODING EST SHALL BE HETALES AT A PORT WINNI 15H OF SEMEN COMPETION AND AT EVENT 25H OF SILL FIFE.
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- ELECTRICIAN.
- A. ESTRICK MITHLAND SHALL BY GARNES OUT STREETY IN ACCORDANCE WITH SHEET DIST-THE WORLD OF RESIDENCE, AND "Y ST THE WAR AND IN PROJECT WITH SHEET AND INC. WHEN THE PROJECT WITH SHEET AND INC. WHEN SHEET SHEET AND INC
- Sector, Nucl., Ado used fromco to deptry with selec, to acceptationalists speci.

 Bullio creatives used, all roles will be such a strategy above fit, to the city of the core multi-bullion deptrees speak, all later switches shall be selected to the core and a strategy above one. To the city of the cover multi-bullion specific speak and the city of the cover multi-bullion speak.

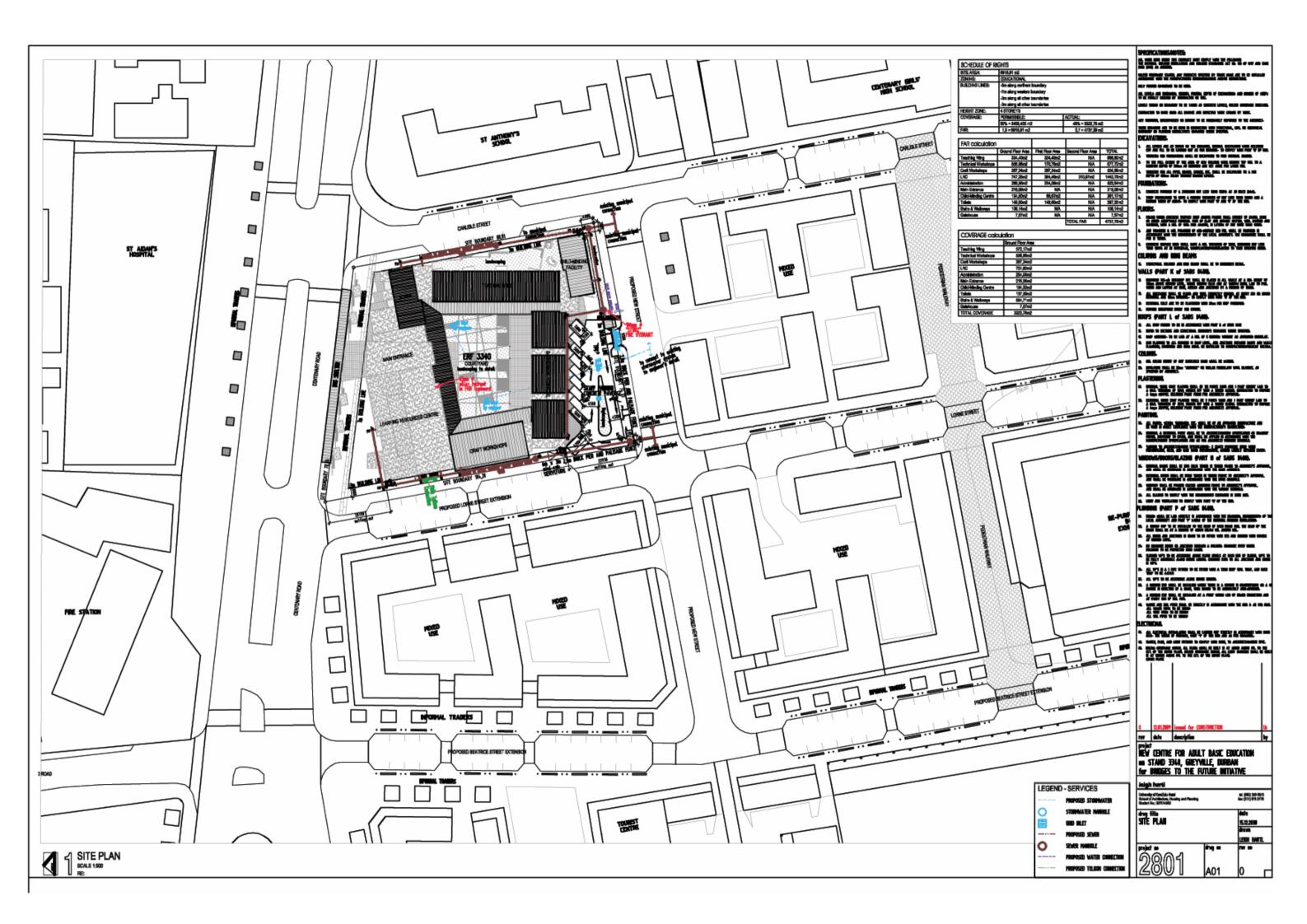


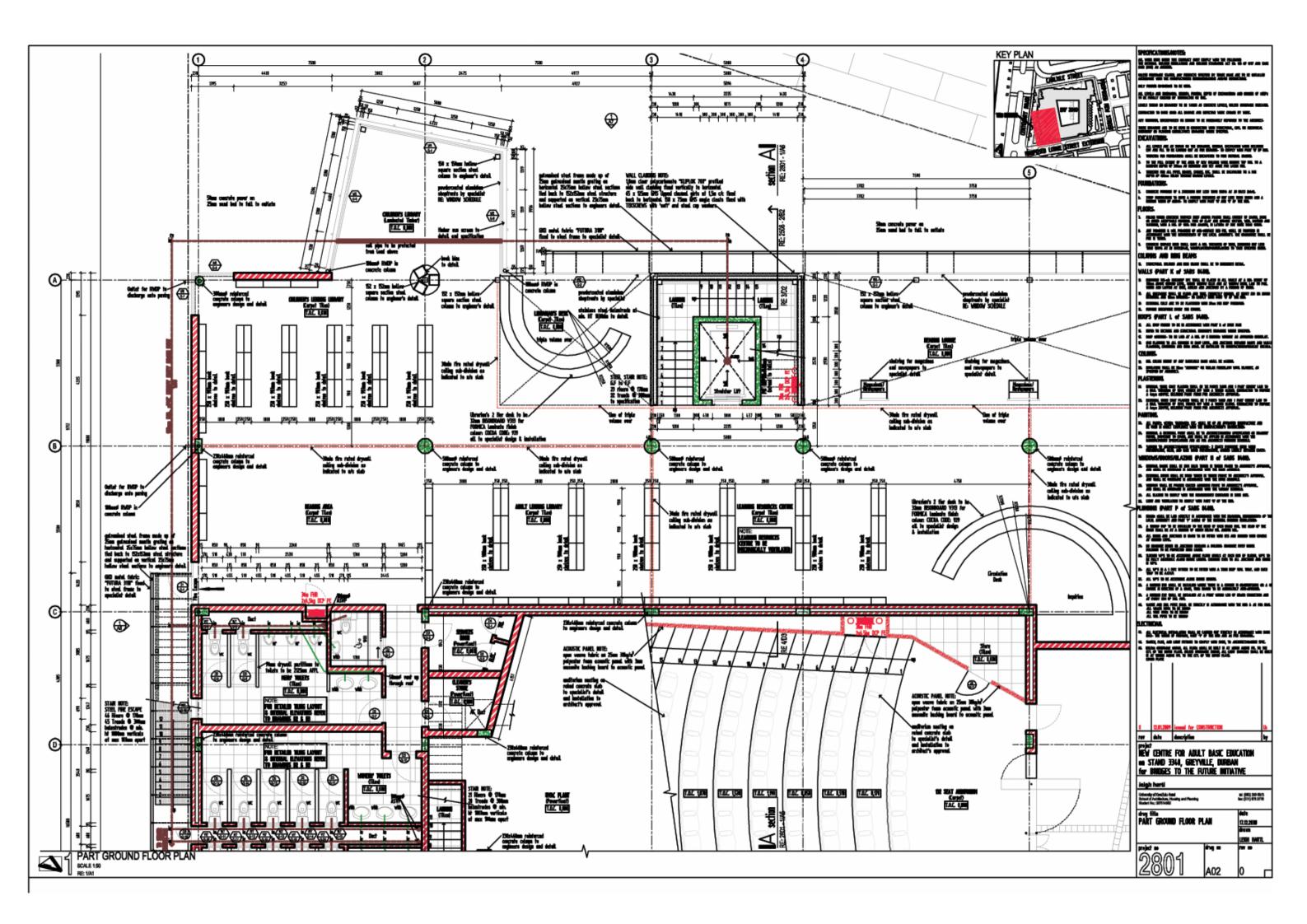
project NEW CENTRE FOR ADULT BASIC EDUCATION on STAND 3340, GREYVILLE, DURBAN for BRIDGES TO THE FUTURE INITIATIVE

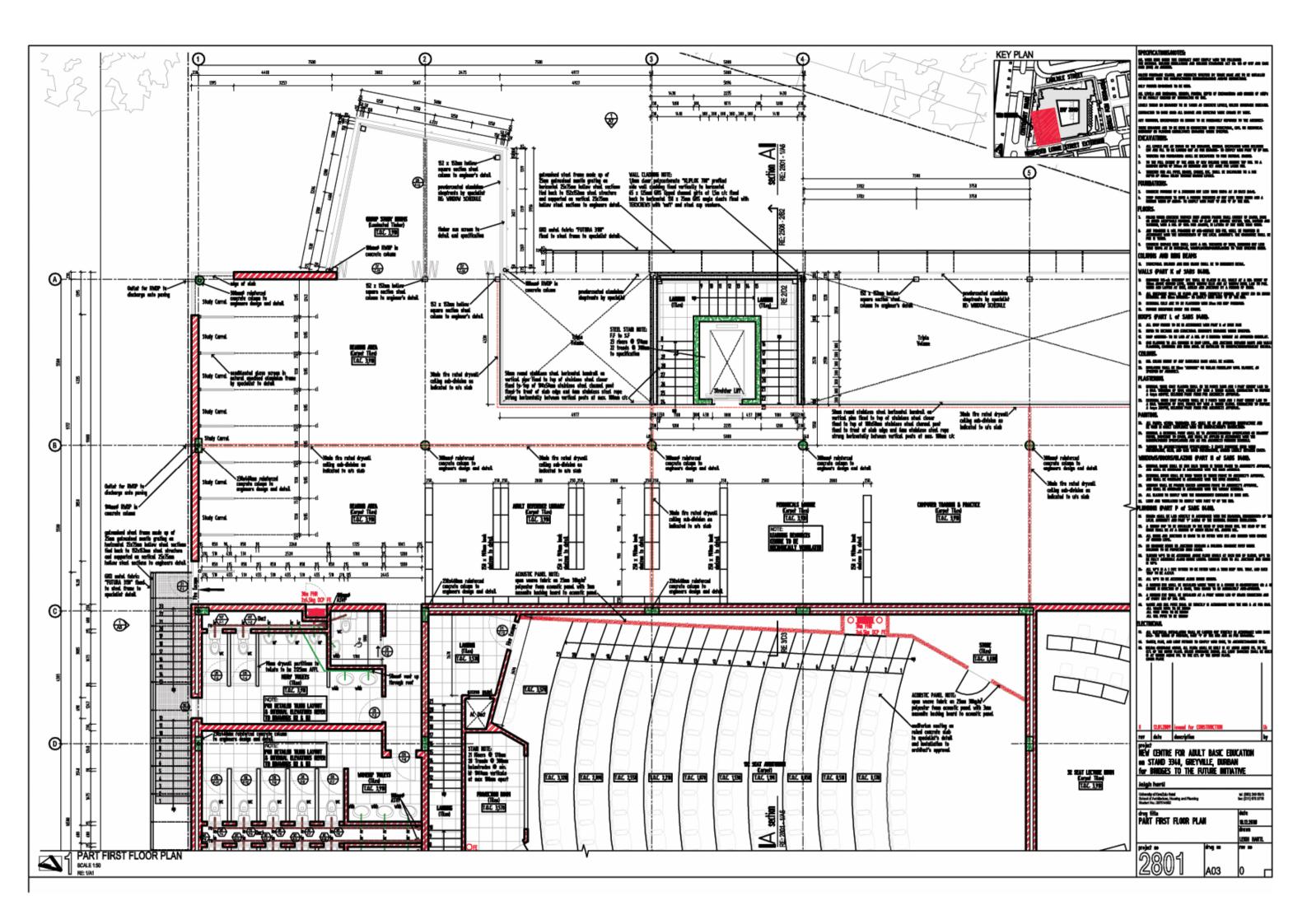
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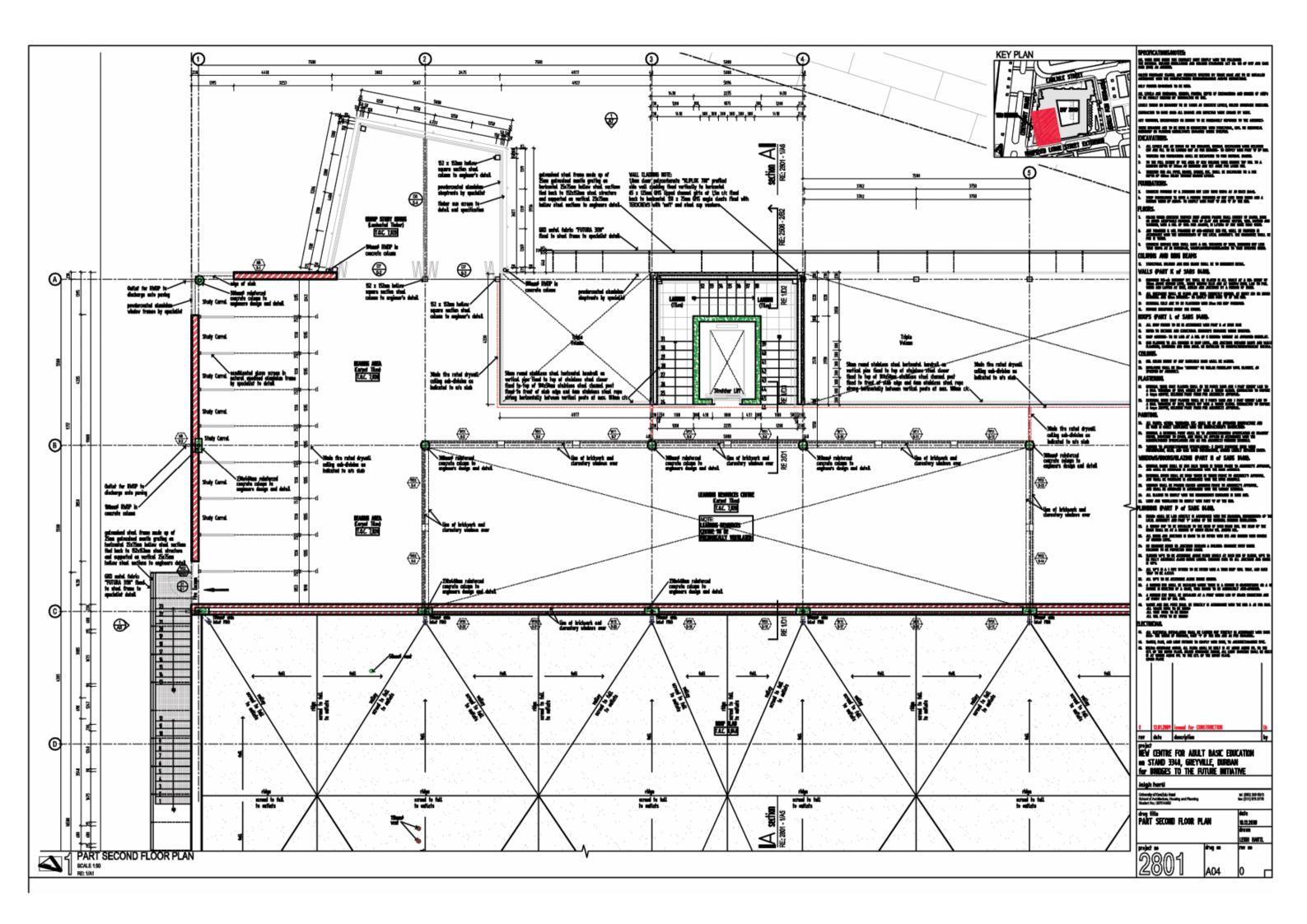
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dreg fille COVER SHEET		dale 17.12.2888 drawn LEGH HARTL
2801	⁶ ~9 ™	0

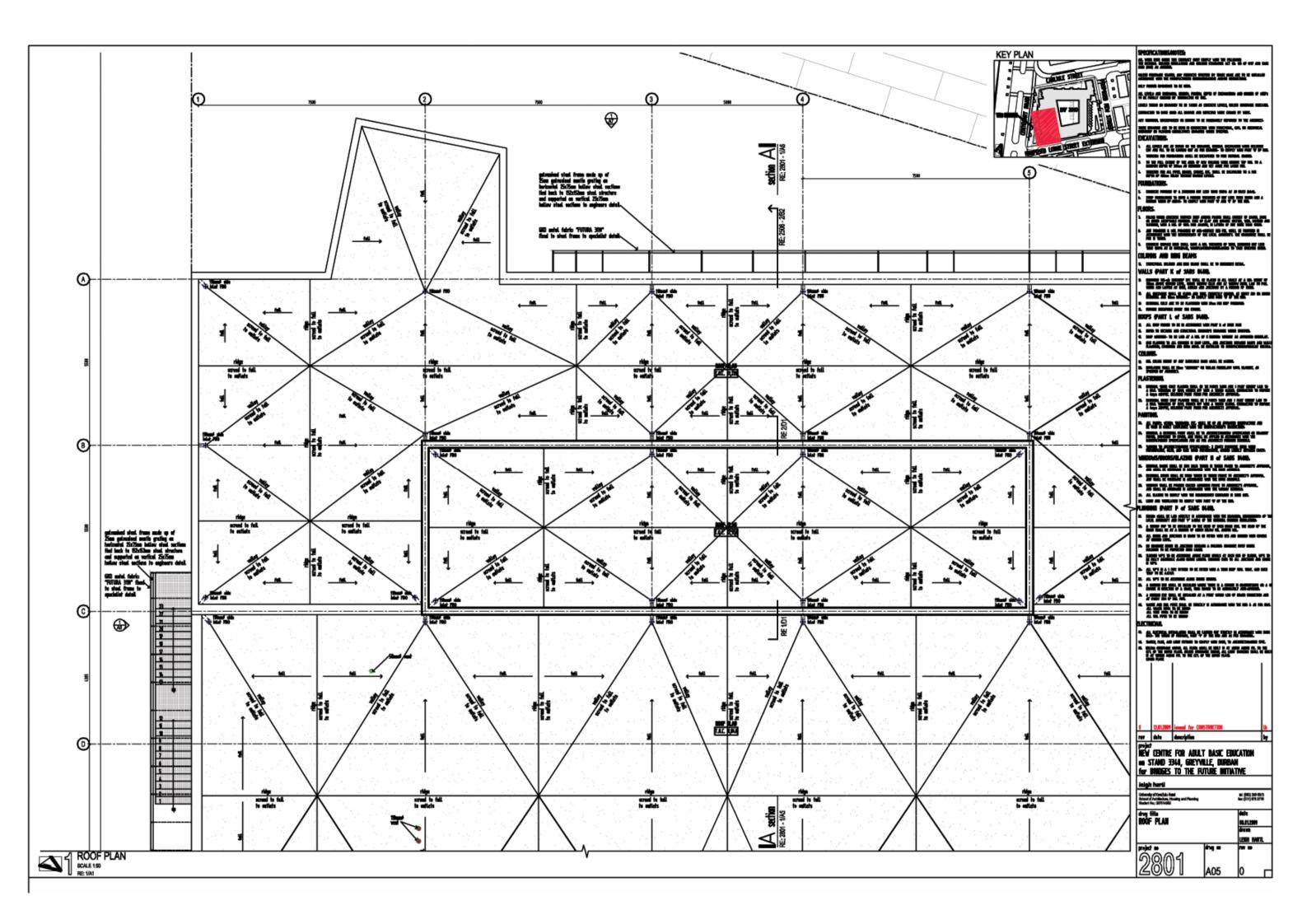
PROJECT No.	DWG No.	DESCRIPTION	SCALE
_	_		
2801	AD	COVER SHEET	NT5
	A1	SITE PLAN	1:500
	A2	PART GROUND FLOOR PLAN	1:50
	A3	PART FIRST FLOOR PLAN	1:50
	A4	PART SECOND FLOOR PLAN	1:50
	A5	PART ROOF PLAN	1:50
	A6	PART SECTION A-A THROUGH AUDITORIUM & LRC	1:50
	A7	PART WESTERN ELEVATION	1:50
	A8	PART SOUTHERN ELEVATION	1:50
	B1	WALL SECTION 01	1:25
	B2	TILING LAYOUTS; INTERNAL ELEVATIONS: GROUND FLOOR TOILETS	1:25
	B3	INTERNAL ELEVATIONS: GROUND FLOOR TOILETS	1:25
	(1	DOOR SCHEDULE	NT5
	C2	DOOR TYPE SCHEDULE	1:20
	G	DOOR TYPE SCHEDULE	1:20
	C4	DOOR TYPE SCHEDULE	1:20
	(5	DOOR TYPE SCHEDULE	1:20
	C6	DOOR TYPE SCHEDULE	1:20
		MINDOM 2CHEDULE	NTS
	CB	MINDOM 2CHEDOTE	NTS
	(9	WINDOW TYPE SCHEDULE	1:50
	(10	WINDOW TYPE SCHEDULE	1:50
	C11	WINDOW TYPE SCHEDULE	1:50
	C12	WINDOW TYPE SCHEDULE	1:50
	(13	WINDOW TYPE SCHEDULE	1:50
	(14	WINDOW TYPE SCHEDULE	1:50
	(15	WINDOW TYPE SCHEDULE	1:50
	C16	WINDOW TYPE SCHEDULE	1:50
	C17	FINISHING SCHEDULE	NTS
	(18	SANITARY SCHEDULE	NT5
	D1	DETAILS 1-2	15
	D2	DETAILS 3-5	15
	D3	DETAILS 6-9	15
	R1	TECHNICAL REPORT	NTS

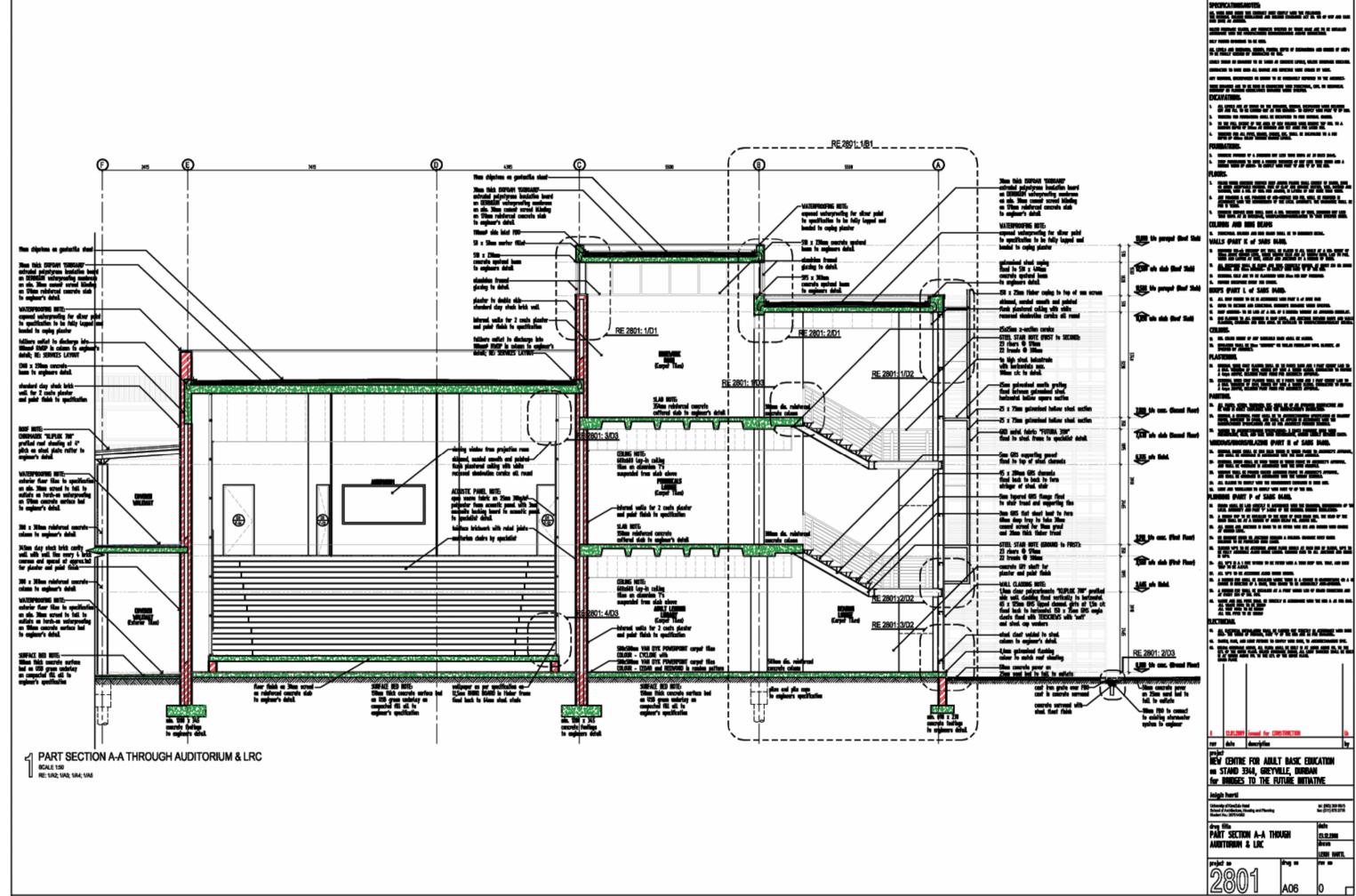


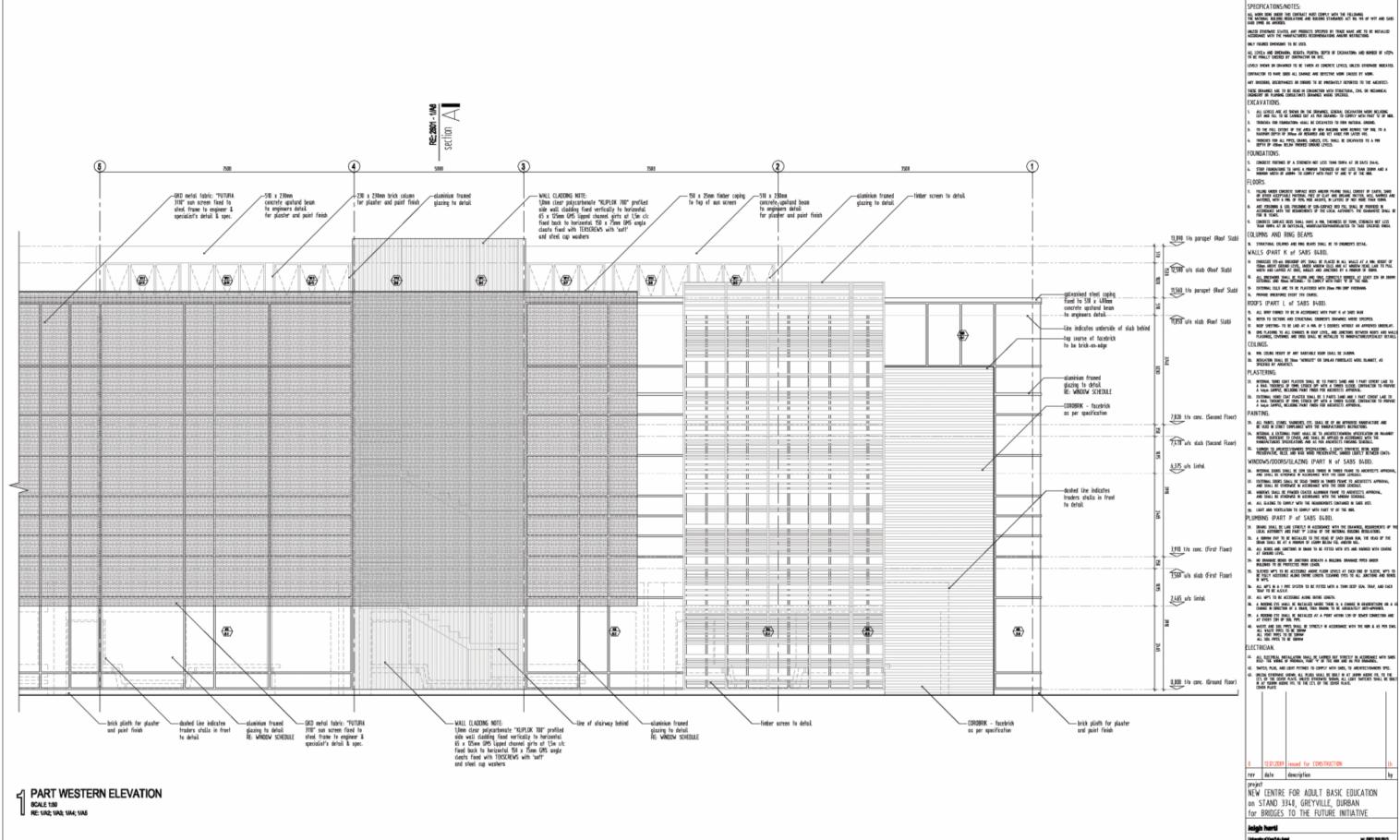








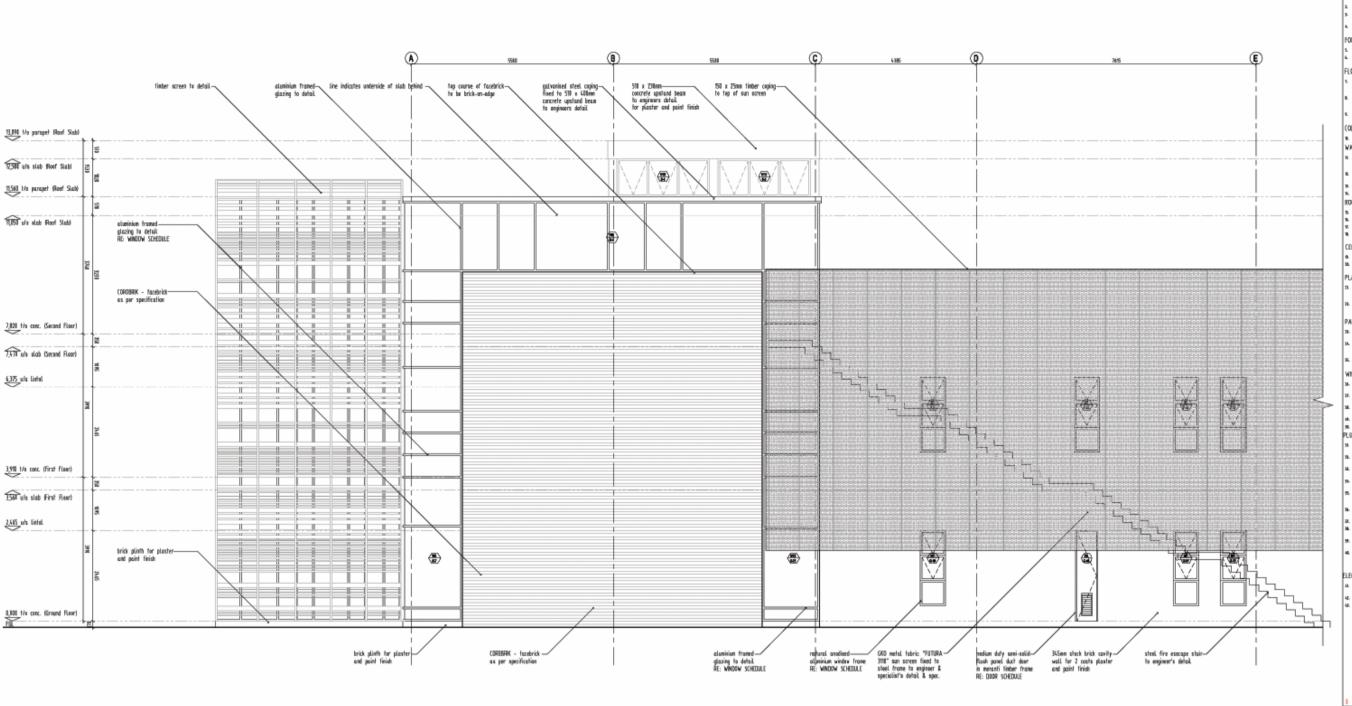




on STAND 3340, GREYVILLE, DURBAN

drug fille	date
PART WESTERN ELEV	ATION 31.12.2108
	drawn
	drawn LEIGH HART

A07



A PART SOUTHERN ELEVATION 9CALE 1:50 RE: 1/A2; 1/A3; 1/A4; 1/A5

SPECIFICATIONS AND TES-

ALL WORK DONE INDIES THE CONTRACT MUST COMPUT WITH THE FELLINGS.
THE MATCHASE RECOLLECTION AND RECORDS STANDARDS ACT NO. THE OF THIT AND GAST
BUILD FROM SEA AMERICA. UNITED FROM STATES, ANY PRODUCTS SPECIFIED BY TRACE MARK ARE TO BE INSTALLED ACTIONALLY AND THE HAMPLY THREE STATES AND ACTION ASSESSMENT AND THE HAMPLY THREE STATES AND ACTION ASSESSMENT AND ACTION ASSESSMENT AND ACTION ASSESSMENT ASSESSMENT

NEY DEATH DHOUSING TO BE USED. ALL LINES AND IMPONONA, RESULTS, PLINTING DEPTH OF EXCANATIONS AND NUMBER OF STEPS TO BE RESULT OFFICED BY CONTINUES ON NEC.

UPULS SHOWN BY COMMINGS TO BE TAKEN AN ORDINCE LEVELS, WILLSS STREAMER RECEASE CONTRACTOR TO MAKE COOD ALL CAMMAC AND DESCRIPT MINK CAUSES BY MORE.

ANY INCIDENS, DECREPANCES IN CIRCLES THE RE-PRODUCTLY REVIEWS TO THE ARCHITECT. THESE GRAVMES ARE TO BE ROSE IN CONSISTED WITH STREETURE, CHIL OF RECORDER. EXCAVATIONS.

- ALL LEVELS ARE AS SHOWN ON THE DRAWNES, EXHELAL DECLARATION WORK INCLIDED LET AND FILL TO BE CARRED OUT AS FIRE GRAWNES. TO COPPLY WITH FAUT TO GE HIRE
- TO THE POLL CATEST OF THE AREA OF NEW PARLISHS WHEN RESIDENT THE TOLL TO A NAME OF THE OF THE AREA OF
- THROUGH FOR ALL FIFTS, GRAND, DIRECT, STILL SHALL BE DIGARANTE TO A PIN SETTI OF 45000 BILLIN MICHEL GROUN LEVELS. FOUNDATIONS.
- CONSCIP FORTINGS OF A STRENGTH NOT USES THAN SOMA AT 30 DAYS PAAA.
 STREY FRANKAINES TO WAYS A HONOUT TROMESS OF NOT USES TANN SOMM AND A
 NORMAL MODEL OF GODING THE CONSTY MITH PART MY AND MY OF THE WAY.
- FILING WIREN CONCRETE SMITHALE REST AMERIE INVANCE SHALL CONSIST OF EARTH, SAME OF EINER ACCEPTANCE PHILEDRAL PREC OF CARF AND DISEASE SHITTER, MILL MARRIED AND MATERIES AND A PRIC OF MICH. HIS AMERIES IN LAYERS OF MAY INVEST THAT INVEST THE REST. THAT STATE OF THE PRICE PRICE AND THE PRICE PR
- ART PRODUCE & SILL PRISING OF SILL-REFIXE MO FILL SHALL BE REINED IN ADDRESSED WITH THE RESIDENCE OF THE LOCAL ARTHORITY, THE GUMANTE SHALL IN THE B TORK.
- THE THREE.

 THAT THE STATE SHELL HAVE A MILL THROUGH OF THE STREETH MET LESS THAN 1994 AT 30 DETERMEN, WHIST EAST THROUGH THE DECEMB FROM. COLUMNS AND RING BEAMS

B. STREETHING COLUMNS AND RING READS SHILL BE TO CHEMICALS DESIGN. WALLS (PART K of SABS 0400).

CHANGES TO HE RECORD OF SHALL OF PLACES IN ALL WALLS AT A MA-BESIST OF Ships above group level, based various class and at where mode, lade to trul with and larked at bods, areasts and decisions for a memory of story.

- ALL RECOVER THALL BE THINK AND THAT CONNECTED WHITE AND EAST DO BE SHOW COTOMIC AND Make WELFARD TO CONFLY WITH PART Y SE THE WAY.
- IS EXTERNAL CILIS ARE TO BE PLATERED WITH JOHN HIS ONE FREINAN IN. PROVIDE BROKEVING ENGIN STR CHARGE.
- ROOFS (PART L of SABS \$400).
- S. ALL BERF TORRES TO BE IN ACCORDANCE WITH FART K of SADS SHAN S. RETER TO SECTION AND STRUCTURAL DIRECTOR SHAWNES MISTER SPECIFIES. S. ROOF SPECIFICS—TO BE LAID AT A MIR. OF 5 DECREES MISTRET AN ADMINISTRAL DIRECTOR.
- DES FLASHRO TO ALL CHARGES IN ROOF LEVEL, AND JUNCTORS DETWOOK ROOFS AND MALLS FLASHROS, COMPRISS AND ERROS SHALL BE RESTALLED TO RANGE ACTURES/SPECIALED DETAILS. CELLINGS.
- G. HE COME MEINT OF ANY MADINEL BOOK SHALL BE SCHOOL.

 16. HESILATION SHALL BE Sino "MERGUT" OR SHALAR PRINCILATE MOD. SLAMET, AS SPICEAGE OF ARBITRAL.

- PLASTERING.
- INTERNAL TIME COST PLASTER SHALL BE 15 PARTS SAME AND 1 PART COREST LAGE 10
 A NAX. TRECORDS OF 1999, STREEK OFF WITH A TRECO SCIENCE CONTRACTOR TO PROVIDE
 A Come SOPPLE BUILDING PART PROOF OF ACCRETISTS AMPRICA.
- ALL HARTS, STARS, VANNERS, ETC. SHALL BE OF AN APPROXISE PROPERTIES AND BE USED IN STREET COMPLIANCE WITH THE HANDACTURER'S INSTRUCTORIES.
- WERKEL & EXTENSE PORT SHALL OF TO ADMITTENSIVELY SPORTFAIRS OF RELIGION PORCE, SUFFICIAL TO COME, AND SHALL BE APPLIED IN ACCIDENCE WITH THE MANIFACTURES SPORTFAINS AND AS NOW ADMITTS FRIENDS SHEELD.
- VARION TO ARCHITECTURATES SPECIATION 1 CHATS SPATIETY, ROME WITH PRODUCTIVE, REEL AND WAX WITH PRODUCTIVE, SANDO LIGHTY RETRESS CONTY WINDOWS/DDORS/GLAZING (PART N of SABS 8400).
- WESSAL DOORS SHILL BE SEN SOUR THREE IN THREE PLANE TO ARCHITECTS APP AND SHILL BE OTHERWISE IN ADDRESSEE WITH THE DIDER SCHOOLS. EXTENSIL CHIES SAMIL DE SOUD THREE IN THOSE PEANE TO ADMINISTS APPROVAL, AND SHALL DE CHIEFLES IN HOUSEMAND WITH THE CHIEF SCHEME.
- WINDOWS SHALL BE PRIVED TO CATES ALUMBAIN FRAME TO ARRITECTS APPROVAL, AND SHALL BE STREAMED BY ACCREDINGS WITH THE WINDOW STREAMS.
- ALL ELAING TO COMMY WITH THE REGISSIONS CONTAINED IN SIGN WEY. LIGHT JOB VENTLATION TO COMPLY WITH PART MY OF THE WIRL.
- LUMBING (PART P of SABS 0400).
- DEANS SHALL BY LAW STREET, IN ACCORDANCE WITH THE GRAWNES, REQUIREMENTS OF THE MATERIAL ROLLING PROBLEMS OF THE NATIONAL ROLLING PROBLEMS.
- MI DANNE BODD OF JUSTIME BONATH A BALDNE-DRAWNE MYTS LARGE BALDNIS TO BE PROTECTED MICH LEAGE.
- SLEED WYS TO BE ACCESSED ASSIST NOON LEVELS AT LIGHT DIG BY SLEEN, WYS TO BE NULLY ACCESSED ALING ENTRY LIGHTIN, DEARNG EYES TO RL. JAKETON AND BEAUS IN MYS.
- ALL MPS IN A 1 MRC SYSTEM TO BE STITED WITH A THIN DEEP SEAL TRAY, AND SACE TRAY TO BE ASSYS.
- THAT THE MACKS.

 AN HAPS TO BE MINISTER AND DITTE LIDERS.

 A HAPS TO BE MINISTER AND DITTE LIDERS.

 A MORNE OF DISTRICT OF IN HARM, THAT MINISTER IN CHARACTER WITHOUT COMMENT AND DISTRICT OF IN HARM, THE MARKET THE MORNING THAT MINISTER.

 A RECORD CIT. PORT, IT SETTINGS AT A PORT MINISTER OF EMPTS CORRECTION AND AT PORT THE PORT, THE PORT, THE PORT.
- MADE AND SER PERSONAL BY STREETLY IN ACCORDANCE WITH THE MIRE & AC THIS DWG.
 ALL WART ROOTS TO BE SHOWN
 ALL WART ROOTS TO BE SHOWN
 ALL SER, PREST TO BE SHOWN

ELECTRICIAN.

- AL ESTIMAN MEMILIAN SIAL OF CAMBO OF STREET ME ATTREMET WITH SIR DIS- TA WHAT IS MEMILIA, AND IT IS THE MR AND IN PART STREET.
- UNIOS CHERNES SHOW, ALL RUSS SHALL DE CRUT HIS SHEET, THE ARCHITECTURED STEEL.

 UNIOS CHERNES SHOW, ALL RUSS SHALL DE CRUT HIS AT SHEM ALONE THE, TO THE

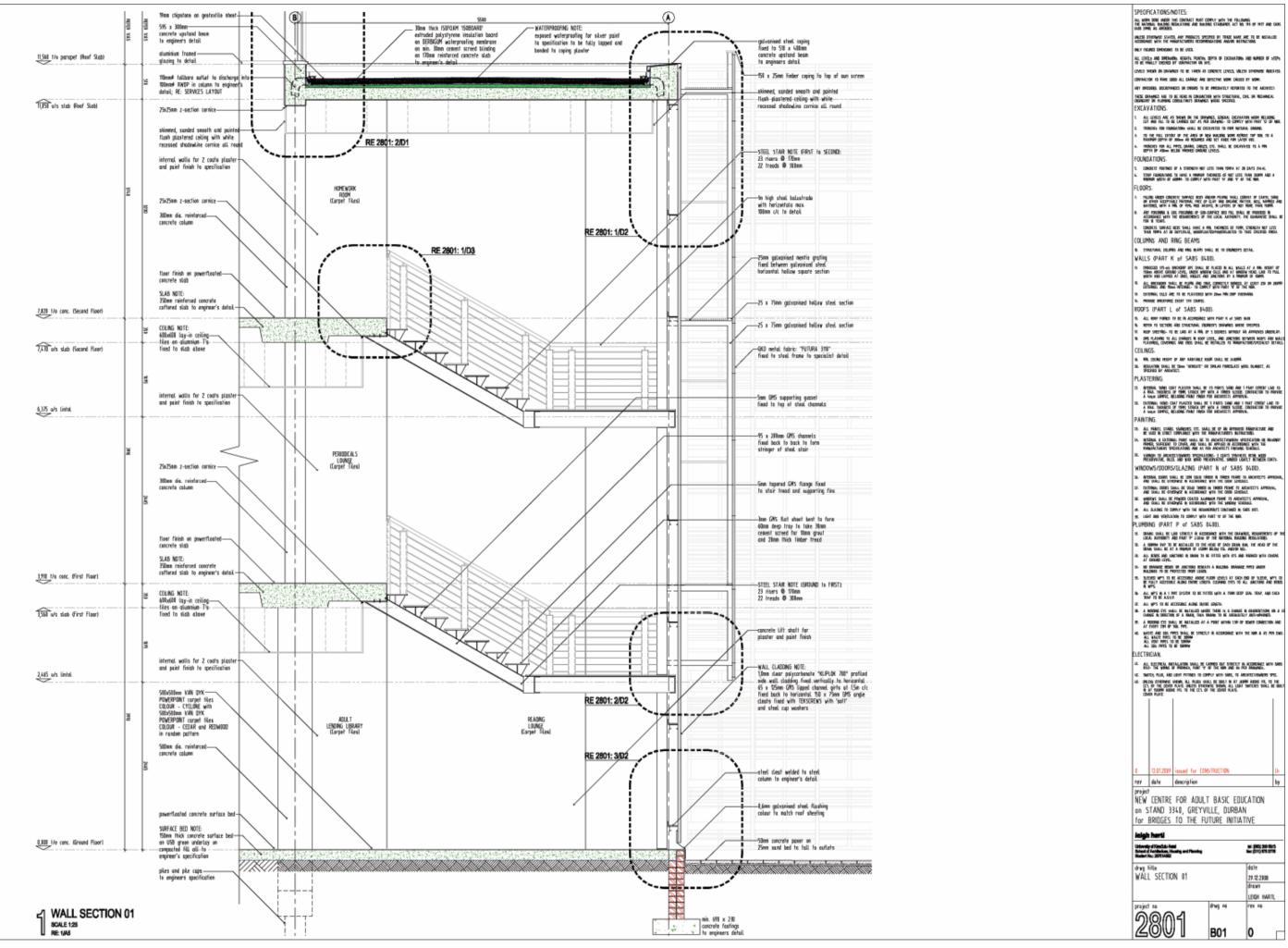
 CITY, OT THE COUNT PARTE, UNIOS SHEATHER SHAW, ALL LERF SHEETERS SHALL BE CRUT

 BLAT SERRIN ANDRE THE, TO THE CITY, OF THE COUNT PLANE.

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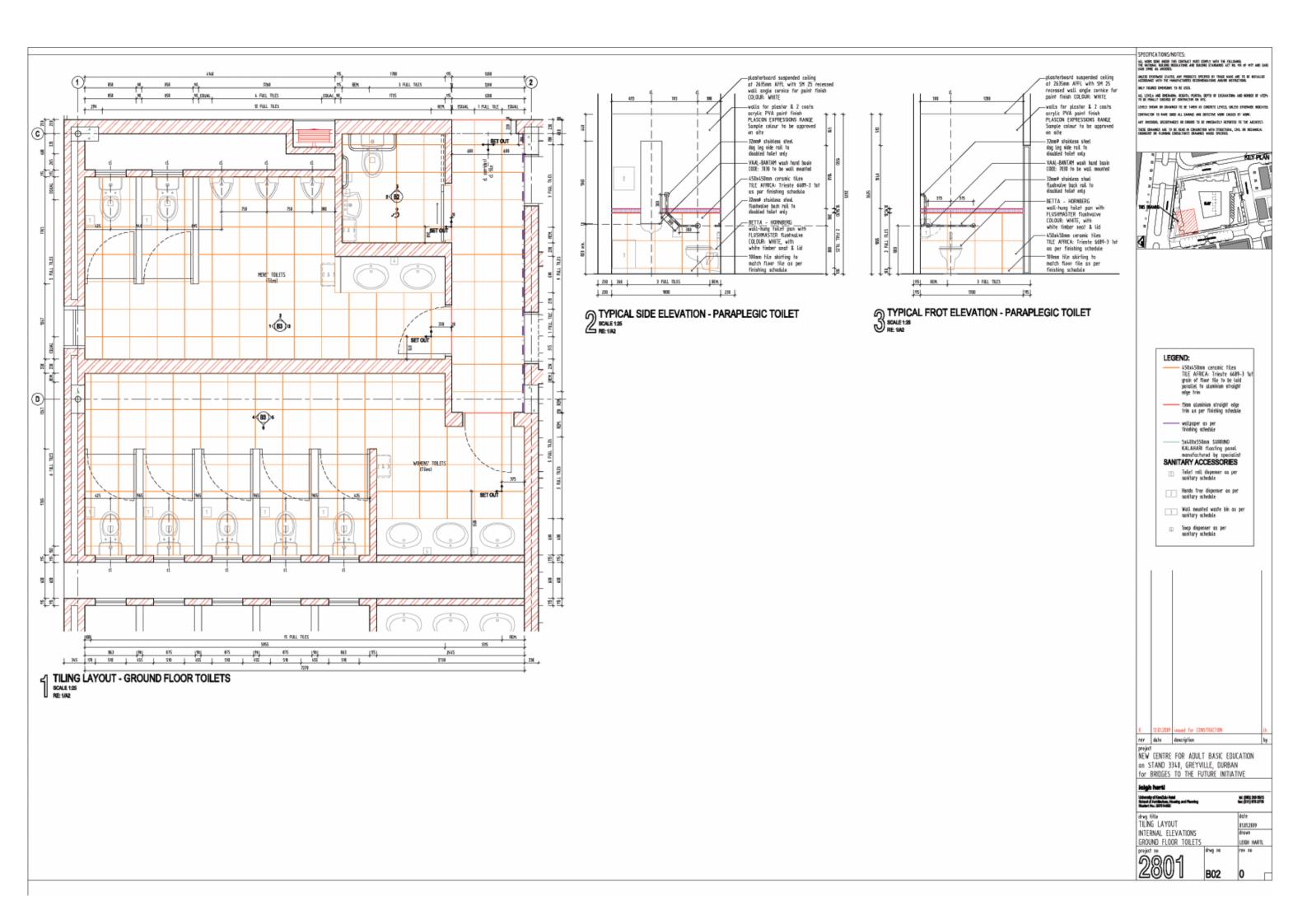
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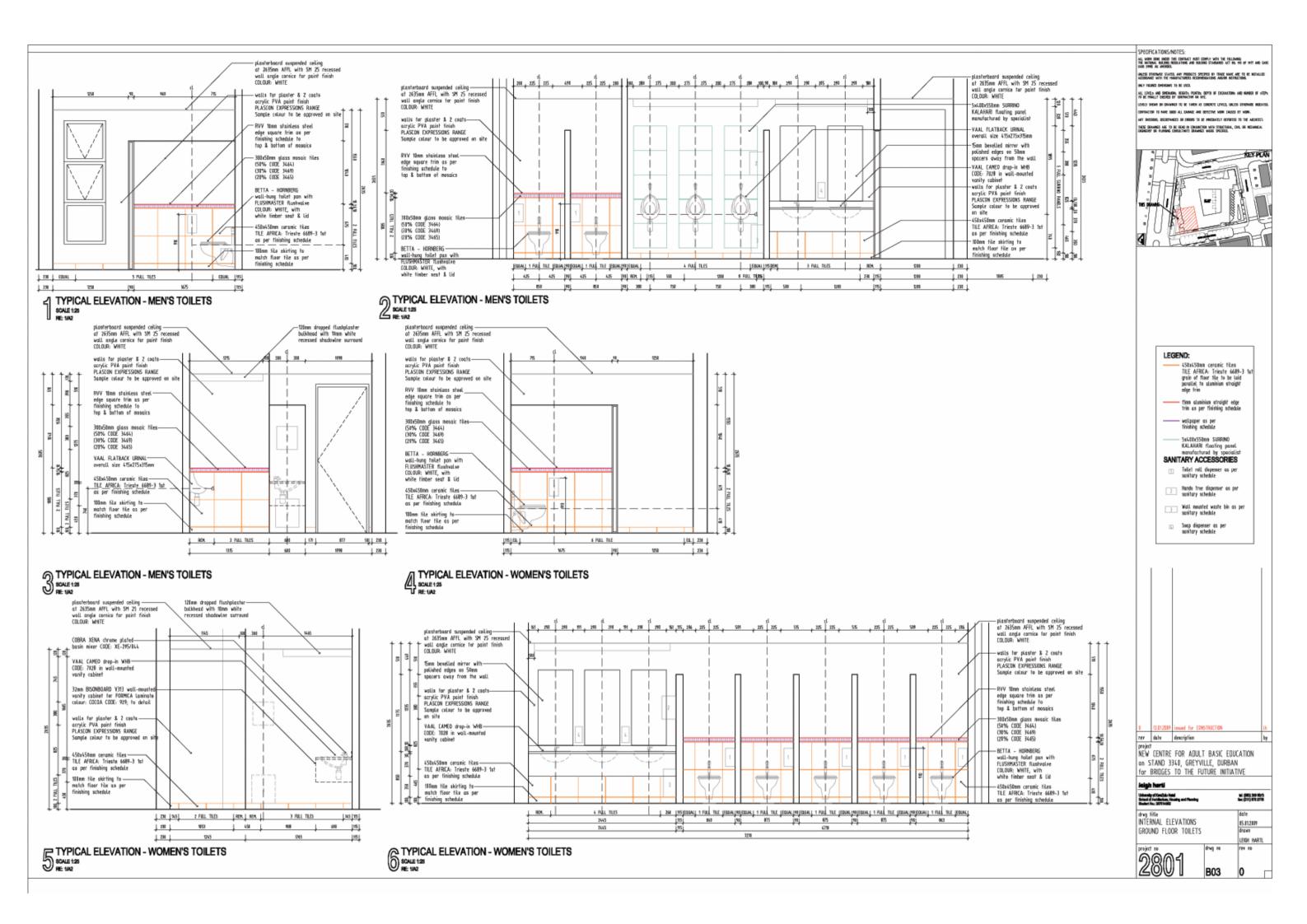
ieigh herti Urbestyd Yesikidas, Hed Shoot of Antholas, Heats, and Phret	•	W: (MS) 250 M/S W: (MS) 250 M/S
drug fille PART SOUTHERN ELEY	/ATION	date 38.12.2008 drawn LEIGH HARTIL
2801	#N9 19	0



ALL LENES AND INFONDING, NEGRITA, PLATING, DEPTH OF EXCANATIONS AND NAMES OF STEPS TO BE REALLY CRESSED BY COMMISSION ON SITE.

¥ \$10,200 B/S ₩ \$110 E11 2710 29.12.2308 LEIGH HARTL





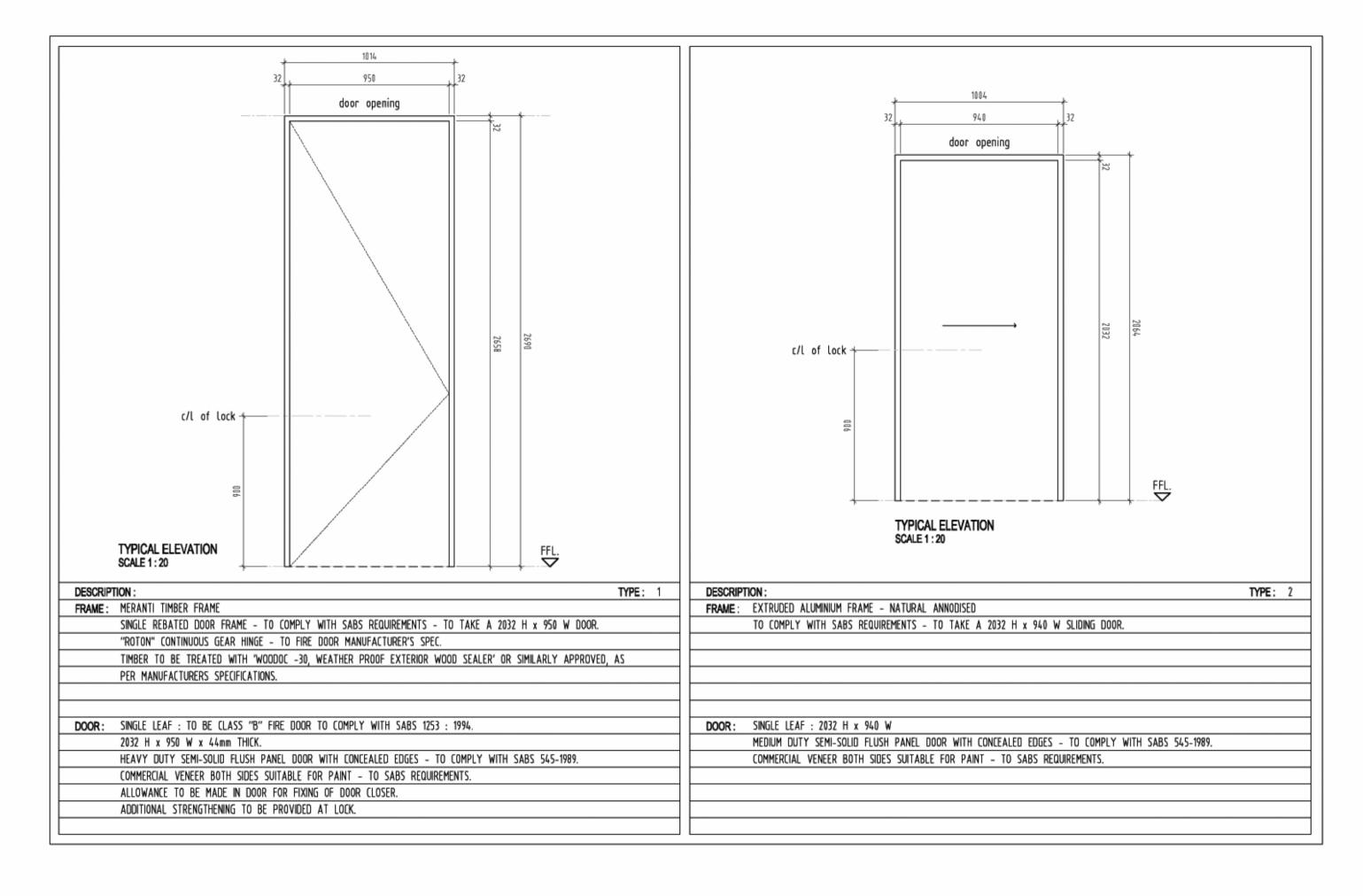
DOOR NO.	ROOM NAME	ROOM NO.	DOOR AND FRAME TYPE HANDLING	SLIDING DOOR FOLDING SLIDING DOOR	90mm DRYWALL PARTITION	mm THICK WALL	mm THICK WALL	DOOR GRILLE		MEDIUM DUTY FLUSH PANEL DOOR - PAINTED HEAVY DUTY FLUSH PANEL DOOR - PAINTED	CLASS '8' FIRE DOOR - PAINTED FRAMED, LEDGED, BRACED AND BATTENED DOOR	TIT ULASS IU SABS VIS/	AME FINISH IN SINGLE REBATED MILD STEEL PRESSED IR FRAME TO COMPLY WITH SARS 1179	EXTRUDED ALUMINIUM FRAME NATURAL ANODISED HARDWOOD TIMBER DOOR FRAME TO DETAIL for	SCON ULTA VARNISH X33 SUEDE FINISH	IRONMONGERY TYPE JORMA DPH205 400x32mm stainless steel "T"	ped straight bott through putt nandte AINLESS STEEL) IMA DPH206,400x32mm stainless steel "T"	Shaped offset back-to-back pull handle (STAINLESS STEEL) DORMA DPH206 "T" 400x32mm stainless steel	Snaped offset bott inrough putt nandte AINLESS STEEL) AMA TH122 stainless steel lever handles on E with kewhole escuthaens (STAIN) FSS STEEL)	MA TS90/FN3 "Impulse" slide channel door ser-Non hold open, pull side fifting (SILVER)	IMA 1596/EN2-4 concealed in the door closer overiable spring strength - non hold open sion (STAINLESS STEEL)	AINLESS STEEL) Conno octon of 12 Comm dauly animals	4 L2000 USSOV-U-17 SYMM GOUCE CYLINGER, 303 Security grade 3 (NICKEL PLATED) 4 C2000 OG304-02-12 39.5mm single cylinder.	303 security grade 3 (NICKEL PLATED) IMA D034S Lever sash lock with two keys ANN FCS STFFT	MA DO44Snarrow stile sash lock with 35mm kset (STAINLESS STEEL)	DORMA D046R narrow stile deadlock with adjust. rollerbolt, 35mm backset (STAINLESS STEEL) 190mm satin chrome necked barrel bolt	B1445 (SATIN CHROME) MA DDS-NP-018 nickel plated floor stop	X150x0,9mm blank stainless steel push plate	1 08525-04-12 61mm stainless steel privacy nder for wc/bathroom (NICKEL PLATED)	MA DHC-SS-031B stainless et hat and coat hook with ber buffer (STAINLESS STEEL)				
GROUN	ND FLOOR DOORS		DOOR	걸匠	을 통	<u> </u>	345	8	임	필달		N N	문 [발	XXXXX	⊒			過場	- <u>rs</u>		v Kig				ES		필함		SS	들었을	1			
G - 1	F.E. STAIR		1 L				•		$\perp \! \! \perp$		•				•		•			•							•	•						
G - 2	PARAPLEGIC TOILET		2		(•		\prod	$\overline{}$	•				•				•						•			•)	•			$\perp \! \! \perp \! \! \! \perp$	\Box	
G - 3	SERVICES ROOM		3 R		$\bot \bot$	•		\prod	\rightarrow	•		\perp		•					•					•			•	,	oxdot		\coprod	$\perp \perp$	\bot	
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G - 5	ELECTRICAL CUPBOARD		5 R	\perp	₩.	<u>,</u>	\vdash	+	\rightarrow	•	$\perp \perp$	\perp		•	\perp	\perp			•				\perp	•	\sqcup	•	• •	<u> </u>	\sqcup		\vdash	+	$\bot\!\!\!\!\bot$	\perp
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G - 8	TOILET CUBICLE		5 L	+	•	+	\vdash	++	\rightarrow	•	++	+		•	$+\!\!+\!\!\!+$	+			•				+		•		+	+	•	•	++	++	+	+
G - 9	TOILET CUBICLE		5 L	+	•	+=	\vdash	++	\rightarrow	•	++	+		•	$+\!\!+\!\!\!+$	+		_	-	\vdash	_		_		 •		+	+	•	•	++	++	+	+
G - 10	WOMEN'S TOILETS		3 R 5 R	+	+	-	\vdash	++	-	•	++	+		•	+	+		-		\vdash	•	•	•			•	+	+		_	++	++	$+\!\!+\!\!-$	+
G - 11 G - 12	TOILET CUBICLE TOILET CUBICLE		5 R	+	•	++	\vdash	++	\rightarrow	-	++	++	_	•	+	+			•				+	_	•		+	+	•	•	++	++	+	+
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G - 14	TOILET CUBICLE		5 R	+	+	++	\vdash	++	\rightarrow	•	++	++	_		++	+		_		\vdash			+	+			+	+	-	-	++	++	++	+
G - 15	TOILET CUBICLE		5 R	+	1	++	+	++	\rightarrow	•	++	+	+		+	+		+					+	+			+		-	÷	+	++	++	+
G - 16	SANITARY DUCT		6 L	+	++	++		1	++	`	++	++	+	_	•	+	•	+	+	$\vdash \vdash$			+	+	+-		٠.		+	_	++	++	++	+
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	FLOOR DOORS		- -											-																				
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F - 2	PARAPLEGIC TOILET		2	\top		•	\sqcap	\sqcap	\top	•	\top	\top		•	$\dashv \vdash$	\top		•	$\neg \neg$				$\neg \vdash$	•	\Box		٠	•	•		\Box	\top	$\dashv \dashv$	\top
F - 3	MEN'S TOILETS		3 R	\top		•	\Box	\Box	\top	•	\top	\top		•	$\dashv \vdash$	\top		•	$\neg \neg$		•	•	•		\Box	•	\top		\Box		\Box	\top	$\dashv \vdash$	\top
F - 4	TOILET CUBICLE		5 L		•	\Box		\Box	\top	•				•					•						•				•					
F - 5	TOILET CUBICLE		5 L		•			\Box		•				•					•						•				•					
F - 6	WOMEN'S TOILETS		3 R			•				•				•				•			•	•	•			•								
F - 7	TOILET CUBICLE		5 R		•					•				•					•						•				•					
F - 8	TOILET CUBICLE		5 R		•	Ш		\coprod	$\overline{}$	•				•					•						•				•			$\perp \perp \perp$	\Box	
F - 9	TOILET CUBICLE		5 R		•	$oxed{oxed}$		\prod	\rightarrow	•				•					•						•				•				\Box	
F - 10	TOILET CUBICLE		5 R	\perp	•	$\perp \! \! \perp \! \! \! \perp$	\perp	\coprod	\rightarrow	•	\perp	\perp		•	\perp				•				\perp		•		\perp		•		$\perp \perp$	$\bot\!\!\!\!\bot$	\bot	\perp
F - 11	TOILET CUBICLE		5 R	\perp	•	$\perp \! \! \perp \! \! \! \perp$		\coprod	$\perp \perp \Gamma$	•		$\perp \perp$		•					•						•		\perp		•		\coprod	$\bot \bot$	\bot	
F - 12	F.E. STAIR		1 L	\perp	$\downarrow \downarrow$	$\perp \! \! \perp$	•	$\downarrow \downarrow$	$\perp \! \! \perp$	$\bot\!\!\!\!\bot$	•	$\perp \perp$		-	•	\perp	•		$\perp \!\!\! \perp$	•			\perp	\perp	\sqcup		•	•	\sqcup		$\perp \perp$	$\bot \bot$	$\bot\!\!\!\!\bot$	\perp
F - 13	GROUP STUDY		7	•	_	$\perp \! \! \perp$	$\perp \perp$	$\bot \bot$	$\perp \! \! \perp$	$\perp \!\!\! \perp$	•	$\perp \perp$	\perp		•	\perp		•	$\perp \!\!\! \perp \!\!\! \perp$	$\sqcup \sqcup$		\perp	\perp	\perp	\sqcup		\perp		\sqcup		\sqcup	$\perp \perp$	$\perp \!\!\! \perp$	\perp
F - 14	GROUP STUDY		7	•	+	$\bot\!\!\!\!\bot$	\vdash	+	$\dashv \downarrow$	$\dashv \downarrow$	•	\perp		-	•	\perp		•	\perp				\perp		\sqcup		\bot	_	\sqcup		\vdash	+	\dashv	\perp
F - 15	GROUP STUDY		8	•	$\perp \perp$	Ш	Щ	$\perp \perp$	$\perp \perp \perp$	$\bot\bot$	•				•	\perp		•											Ш		Ш	$\perp \perp$		
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1 F - 4	GROUP STUDY		8	•			لللك	\perp		$\perp \perp \perp$	•				<u>• 🔲 </u>	\perp								•					ш		4		$\perp \perp \perp$	\perp
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on STAND 3340, GREYVILLE, DURBAN for BRIDGES TO THE FUTURE INITIATIVE

LEA	date	description		dwg no
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0 DOOR SCHEDULE

University of KwaZulu-Natal School of Architecture, Housing and Planning Student No.: 207514952



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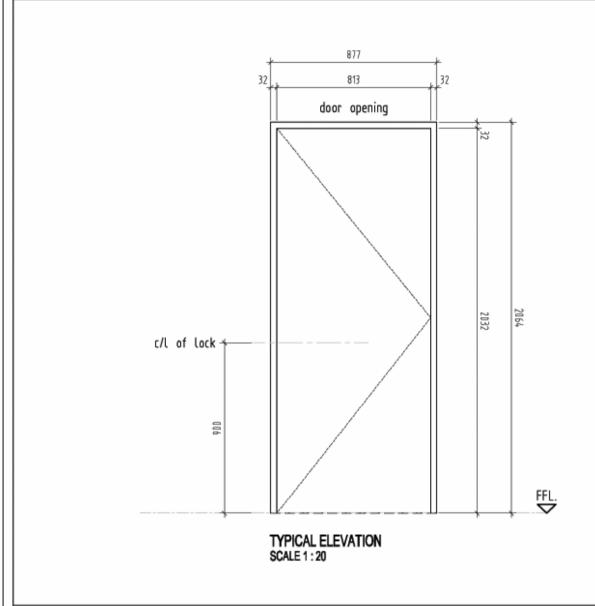
Project
NEW CENTRE FOR ADULT BASIC EDUCATION
ON STAND 3340, GREYVILLE, DURBAN
for BRIDGES TO THE FUTURE INITIATIVE

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DOOR TYPE SCHEDULE

LEA UO

leigh hartl	
University of KweZulu-Natal School of Architecture, Housing and Planning Student No.: 207514952	tel: (083) 359 8973 fax: (011) 675 2778



DESCRIPTION:

FRAME: EXTRUDED ALUMINIUM FRAME - NATURAL ANNODISED

TYPE: 3

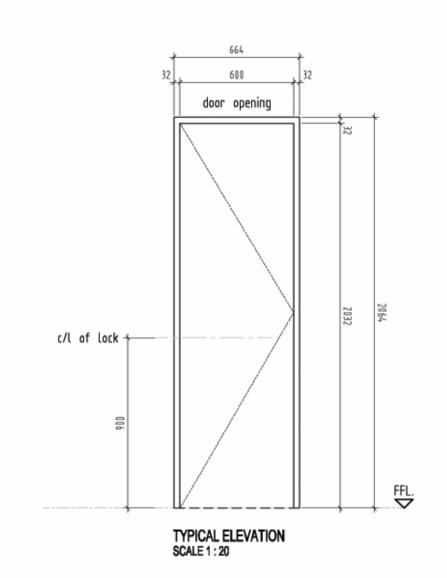
TO COMPLY WITH SABS REQUIREMENTS - TO TAKE A 2032 H x 813 W DOOR.

FRAME TO TAKE 2 PAIRS OF NATURAL ANODISED ALUMINIUM SINKLESS HINGES TO MANUFACTURER'S SPECIFICATION

DOOR: SINGLE LEAF: 2032 H x 813 W

MEDIUM DUTY SEMI-SOLID FLUSH PANEL DOOR WITH CONCEALED EDGES - TO COMPLY WITH SABS 545-1989.

COMMERCIAL VENEER BOTH SIDES SUITABLE FOR PAINT - TO SABS REQUIREMENTS.



DESCRIPTION: TYPE: 4

FRAME: EXTRUDED ALUMINIUM FRAME - NATURAL ANNODISED

TO COMPLY WITH SABS REQUIREMENTS - TO TAKE A 2032 H x 600 W DOOR.

FRAME TO TAKE 2 PAIRS OF NATURAL ANODISED ALUMINIUM SINKLESS HINGES TO MANUFACTURER'S SPECIFICATION

DOOR: SINGLE LEAF: 2032 H x 600 W

MEDIUM DUTY SEMI-SOLID FLUSH PANEL DOOR WITH CONCEALED EDGES - TO COMPLY WITH SABS 545-1989.

COMMERCIAL VENEER BOTH SIDES SUITABLE FOR PAINT - TO SABS REQUIREMENTS.

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new Centre for Adult Basic Education on Stand 3340, Greyville, Durban for Bridges to the future initiative

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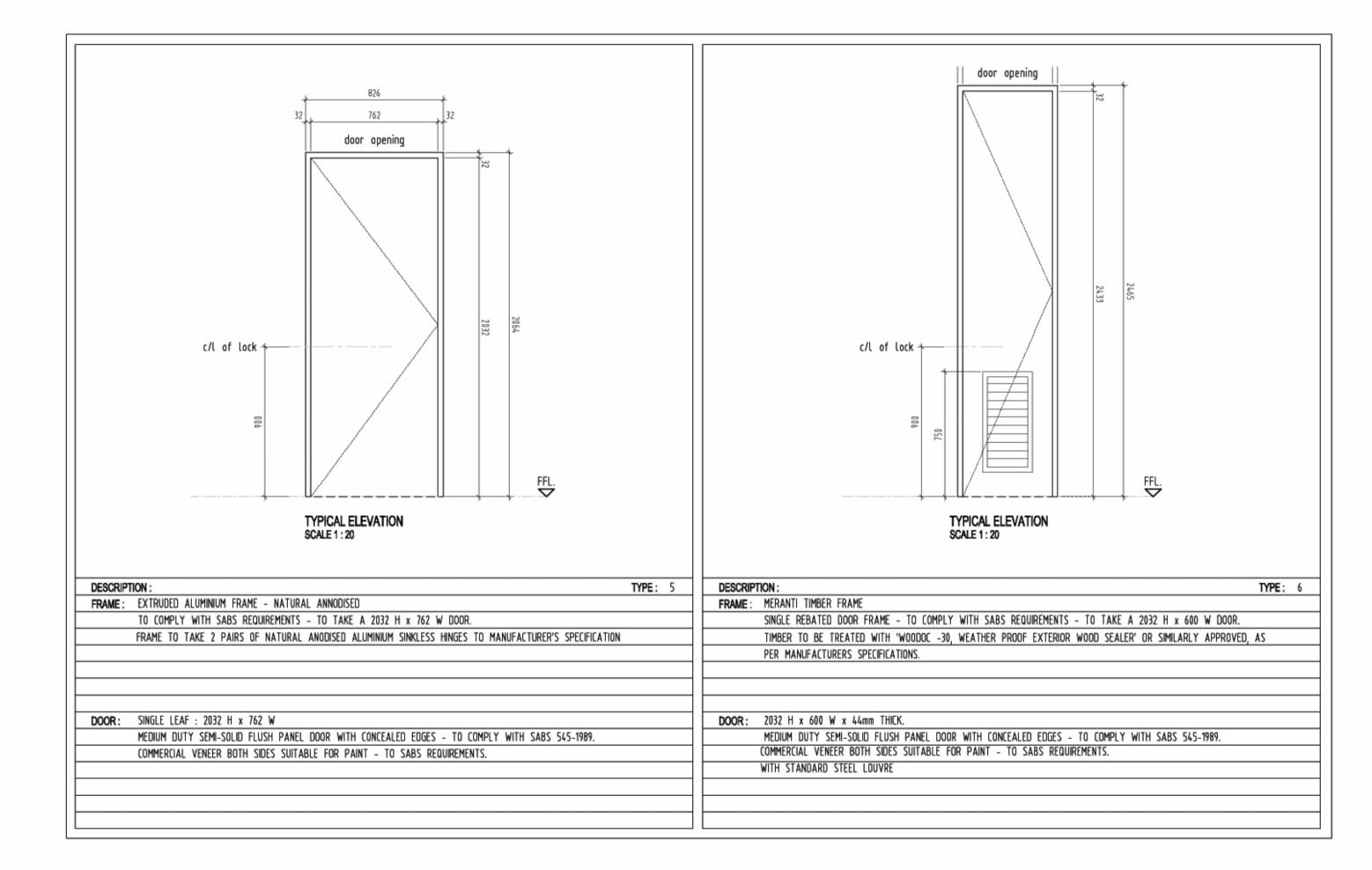
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DOOR TYPE SCHEDULE

leigh	harti
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University of KweZulu-Natal School of Architecture, Housing and Planning Student No.: 207514952



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NEW CENTRE FOR ADULT BASIC EDUCATION on STAND 3340, GREYVILLE, DURBAN

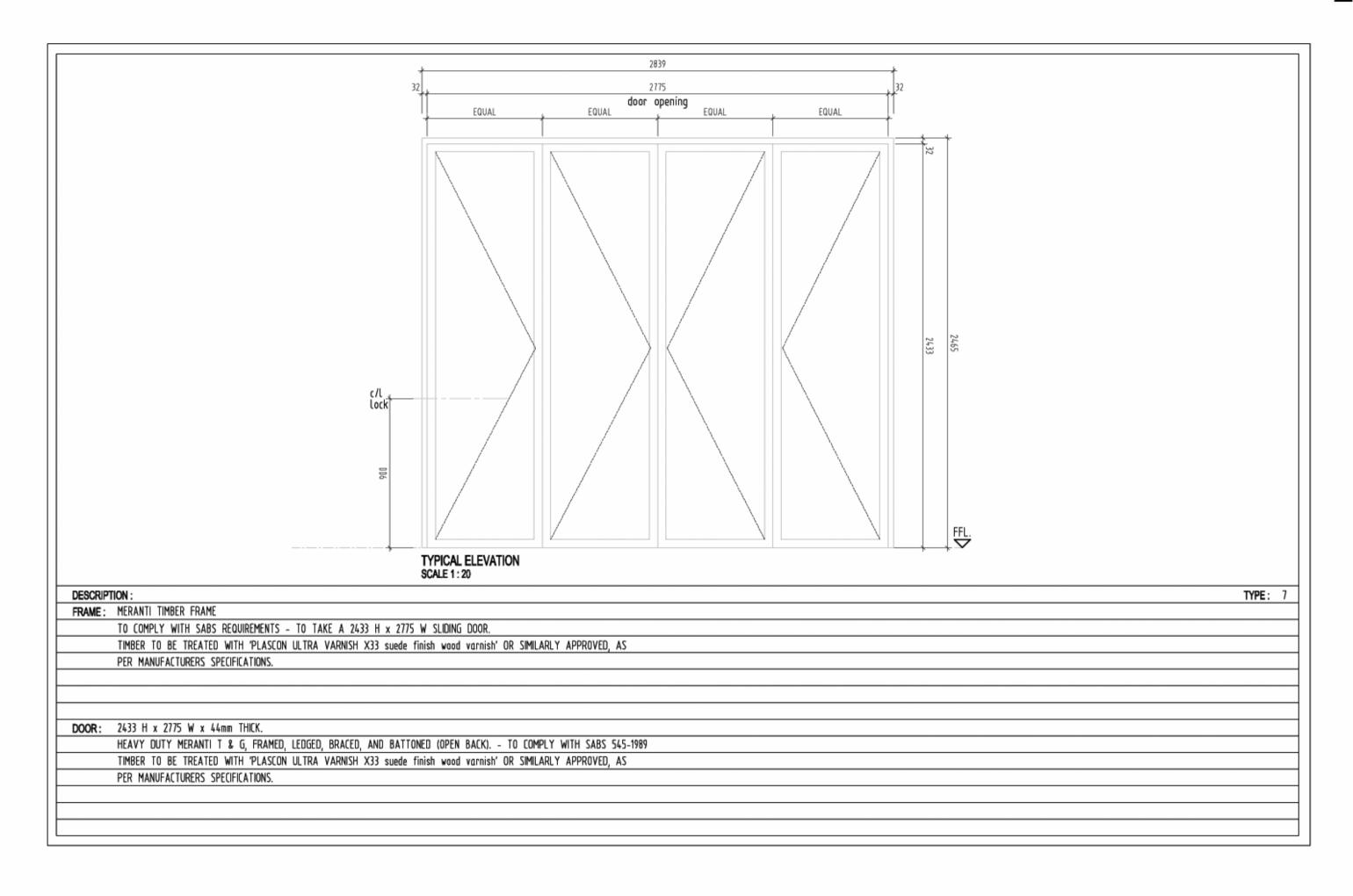
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DOOR TYPE SCHEDULE

leigh harti

University of KwaZulu-Natal School of Architecture, Housing and Planning Student No.: 207514952



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NEW CENTRE FOR ADULT BASIC EDUCATION
on STAND 3340, GREYVILLE, DURBAN
for BRIDGES TO THE FUTURE INITIATIVE

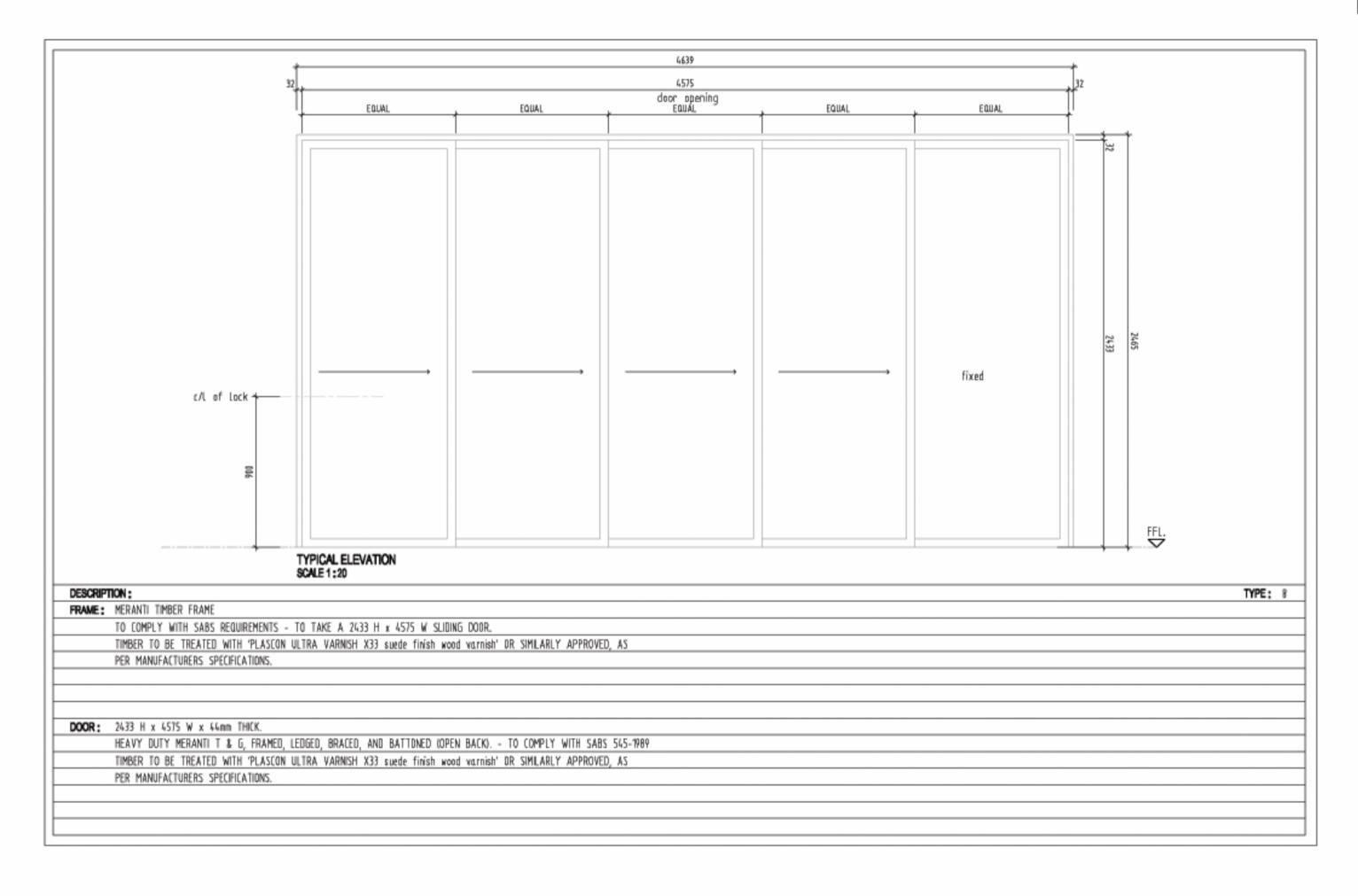
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leigh harti

University of KwaZulu-Natal School of Architecture, Housing and Planning Student No.: 207514952



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	for BRIDGES TO THE FUTURE INITIATIVE						

DOOR TYPE SCHEDULE

leigh harti
University of KwaZutu-Yestal
School of Architecture, Housing and Planning
Student No.; 207014982

WINDOW GROUN	ROOM NAME	WINDOW/SHOPFRONT TYPE 115mm THICK WALL	345mm THICK WALL	FRAME ALUMINIUM FRAME – NATURAL ANODISED	CILLS PLASTERED CILL TO FALL CERAMIC TILE CILL TO FALL FACEBRICK-ON-EDGE CILL TO FALL	GLAZING PACIFIC OBSCURE GLASS 6mm CLEAR SAFETY GLASS TO SABS 0137	FURNITURE FRICTION STAYS PER OPENING SECTION AS SPECIFIED BY SHOPFITTER STANDARD BLACK ANODISED ALUMINIUM CASEMENT WINDOW HANDLE					
G - 1	LEARNING RESOURCES CENTRE	11										
G - 2	LEARNING RESOURCES CENTRE	2			1 1			 	 	 		
G - 3	LEARNING RESOURCES CENTRE	3										
G - 4	LEARNING RESOURCES CENTRE	4		•								
G - 5	LEARNING RESOURCES CENTRE	5		•	1 0	•				 		
G - 6	LEARNING RESOURCES CENTRE	6 •		•	•	•						
G - 7	LEARNING RESOURCES CENTRE	6 •	1	•	•	•						
G - 8	MEN'S TOILETS	7 •			•							
G - 9	MEN'S TOILETS	7 •		•	•	•	• •					
G - 10	MEN'S TOILETS	7	•	•	•	•	• •					
G - 11	WOMEN'S TOILETS	7 •			•							
G - 12	WOMEN'S TOILETS	7 •		•	•	•	• •					
G - 13	WOMEN'S TOILETS	7 •		•	•	•	• •					
G - 14	WOMEN'S TOILETS	7 •										
G - 15	WOMEN'S TOILETS	7 •										
G - 16	WOMEN'S TOILETS	7 •				•						
G - 17	WOMEN'S TOILETS	7 •		•		•						
G - 18	WOMEN'S TOILETS	7 •		•	•	•	• •					
G - 19	WOMEN'S TOILETS	7 •										
G - 20	WOMEN'S TOILETS	7 •										
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F - 2	MEN'S TOILETS	7 •	\perp	•		•	• •	++++		++++++	+	
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F - 5	WOMEN'S TOILETS	7 •	$\perp \perp$		1 1		• •	+++++		+++++	+++++	
F - 6	WOMEN'S TOILETS	7 •	++	•	•		• •	+++++	+	+	++++	
F - 7	WOMEN'S TOILETS	7 •	+	• -	 •	•		++++	+++++	+++++	+++++	++++++++++++++++++++++++++++++++++++
F - 8	WOMEN'S TOILETS	7 •	++	•	│ 	•		++++	 	+++++	+++++	
F - 9	WOMEN'S TOILETS	7 •	++		 	<u> </u>		++++	+++++	+++++	+++++	
F - 10	WOMEN'S TOILETS	7 •	++	 	 	<u> </u>	 	++++	+++++	+++++	++++	
F - 11	WOMEN'S TOILETS	7 •	++	•	 • -	•		++++	 	+++++	++++	
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NEW CENTRE FOR ADULT BASIC EDUCATION on STAND 3340, GREYVILLE, DURBAN for BRIDGES TO THE FUTURE INITIATIVE

	rev	date	description		dwg no
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WINDOW SCHEDULE

University of KwaZulu-Natal School of Architecture, Housing and Planning Student No.: 207514952

WINDOW	ROOM NAME JND FLOOR DOORS	WINDOW/SHOPFRONT TYPE	230mm THICK WALL 345mm THICK WALL		FRAME ALUMINIUM FRAME – NATURAL ANODISED		PLASTERED CILL TO FALL CERAMIC TILE CILL TO FALL	FACEBRICK-ON-EDGE CILL TO FALL	GLAZING	PACIFIC OBSCURE GLASS 6mm CLEAR SAFETY GLASS TO SABS 0137		FURNITURE FRICTION STAYS PER OPENING SECTION AS SPECIFIED BY SHOPFITTER	STANDARD BLACK ANODISED ALUMINUM CASEMENT WINDOW HANDLE															
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S - 3	LEARNING RESOURCES CENTRE	10		++	 	+++	-	+	++	 •	++	\vdash			+	++				++	++	++	++	++	++			+
S - 4	LEARNING RESOURCES CENTRE	10	1	++	 • 	+++	+		++	•	++	\vdash		\vdash	+	++	++	++	$\dashv \dashv$	++	++	++	++	++	++	++		+
S - 5	LEARNING RESOURCES CENTRE	11	101	++	1 •	+++	-	+++	++	•	++	\vdash			+	++			++	++	++	++	++	++	++	++		+
S - 6	LEARNING RESOURCES CENTRE	11	101	++	1 •	+++	-		++	•	++				+	++				\dashv	++	++	++	++	++			+
S - 7	LEARNING RESOURCES CENTRE	11	10	++	1	+++	•		++	•	++	\vdash			+	++				\dashv	++	++	++	++	++	++		+
S - 8	LEARNING RESOURCES CENTRE	11	•		1	+++	•			•	+			\Box	+	++	++	++	$\dashv \dashv$	$\dashv \dashv$	++	++	++	++	++			+
S - 9	LEARNING RESOURCES CENTRE	11	•	++	1	+++	•		+	•	++	\vdash			+	++	++		\Box	$\dashv \dashv$	++	++	++	++	++	++		+
S - 10	LEARNING RESOURCES CENTRE	11	•	\dashv	1	+++	•		++	•	++	\vdash		\Box	\top	++	++		$\dashv \dashv$	$\dashv \vdash$	++	++	++	++	++			+
S - 11	LEARNING RESOURCES CENTRE	11	•	++	1	+++	•	\Box	++	•	++	\vdash			\top	++				\dashv	\top	++	++			++		+
S - 12	LEARNING RESOURCES CENTRE	11	101	$\dashv \vdash$	1 •	+++	•		\top	1	+	\vdash			\top	$\dashv \vdash$				$\dashv \dashv$	\top	++	++	+	\vdash	\Box		\forall
S - 13	LEARNING RESOURCES CENTRE	10	10	\neg	1 •	+++	•		\top		\top				\top	\top			\Box	$\dashv \dashv$	\top	++	++	++	++			\forall
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S - 15	LEARNING RESOURCES CENTRE	11	•		1	\top	•			•						\top					\top	\top	\top		\vdash			\forall
S - 16	LEARNING RESOURCES CENTRE	11	•		•		•			•						\top						\top						П
S - 17	LEARNING RESOURCES CENTRE	11	•		•	$\top \top \top$	•			•					\top	\top					\top	\top						П
S - 18	LEARNING RESOURCES CENTRE	11	•		•		•			•																		\Box
S - 19	LEARNING RESOURCES CENTRE	11	•		•		•			•																		
S - 20	LEARNING RESOURCES CENTRE	11	•		•		•			•																		
S - 21	LEARNING RESOURCES CENTRE	11	•		•		•			•																		
S - 22	LEARNING RESOURCES CENTRE	11	•				•			•																		
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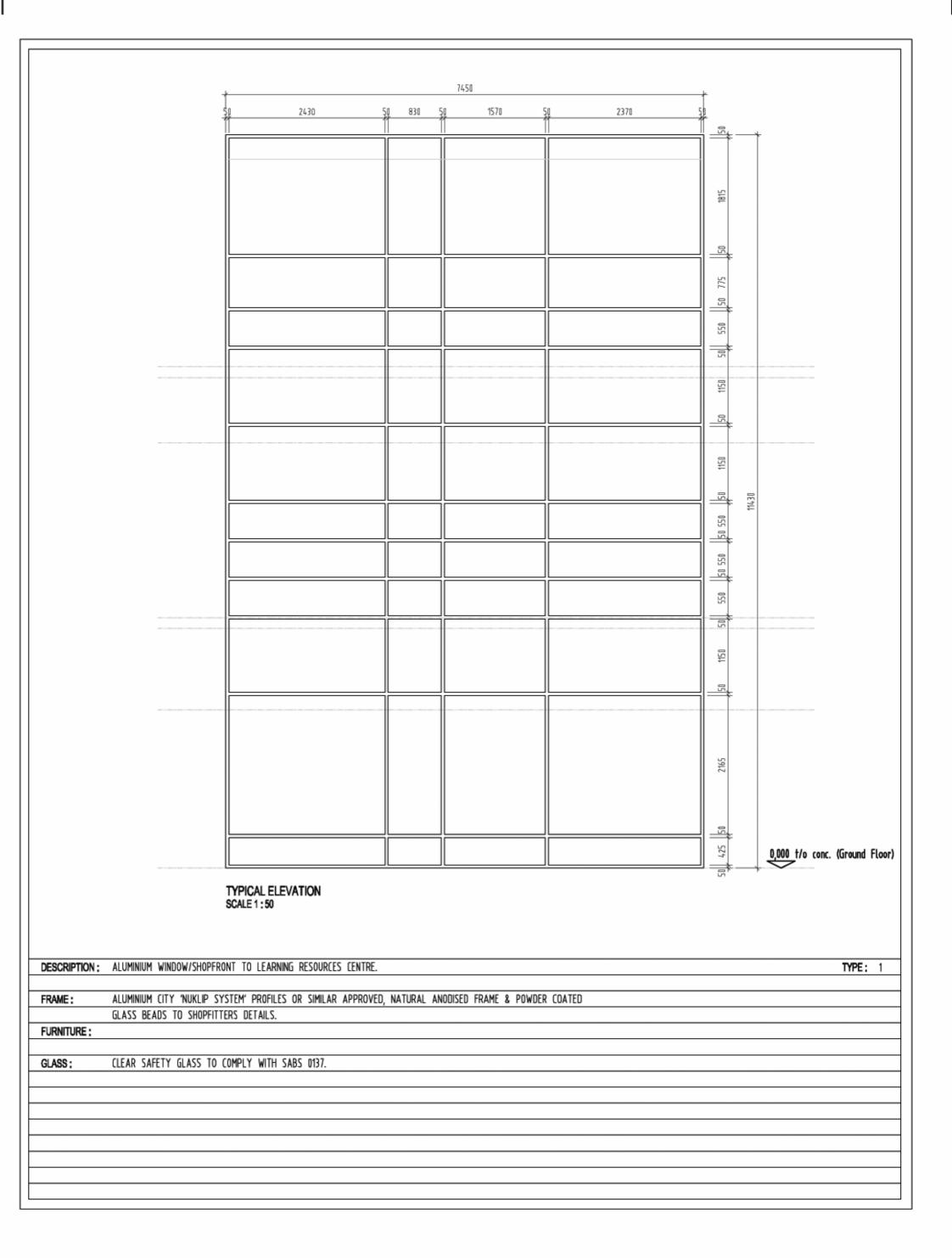
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FOR ADULT BASIC EDUCATION 40, GREYVILLE, DURBAN TO THE FUTURE INITIATIVE

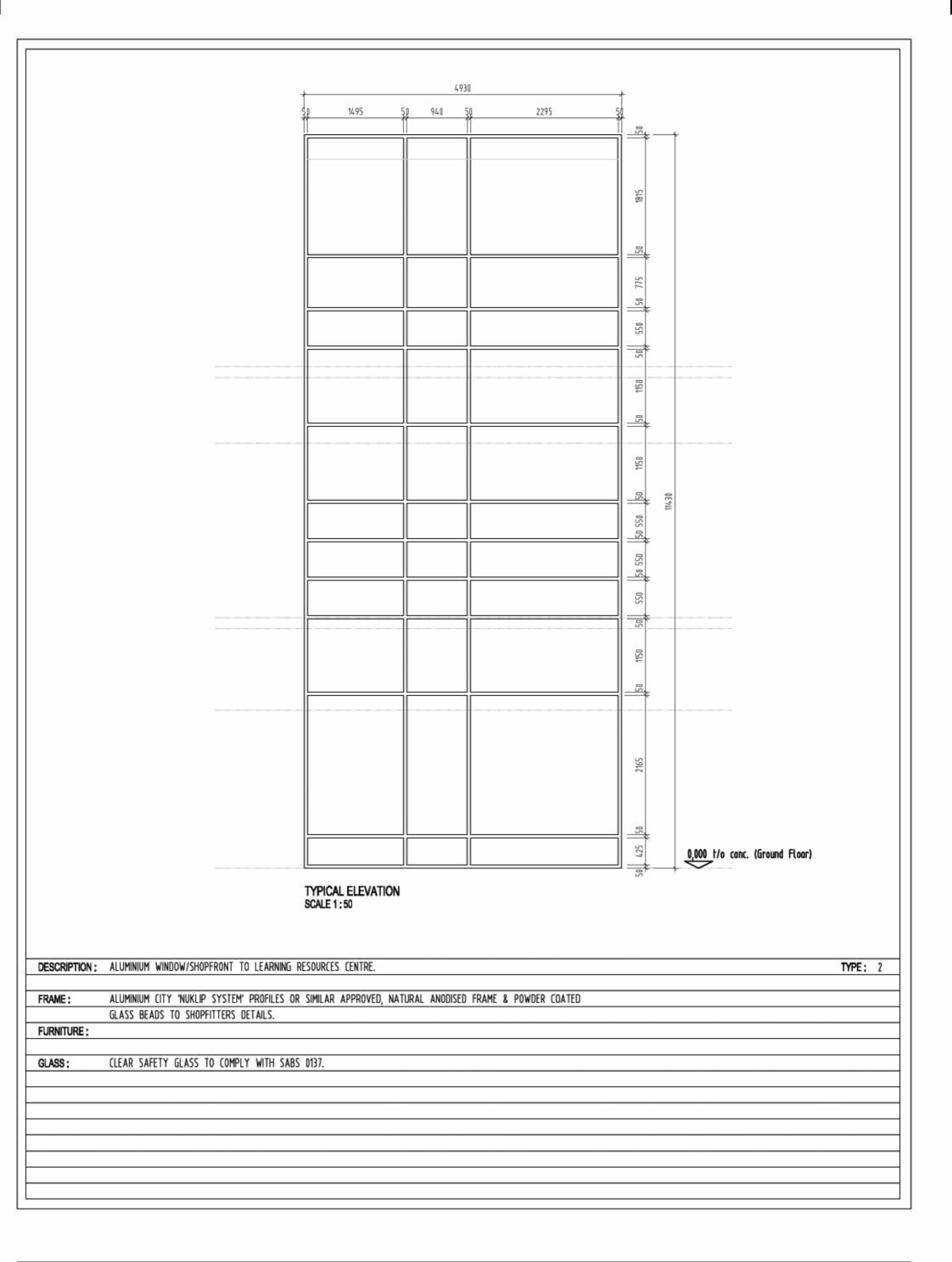
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WINDOW SCHEDULE

leigh hartl University of KweZulu-Natal School of Architecture, Housing and Planning Student No.: 207514952 tel: (083) 359 6973 fax: (011) 675 2778



project no	project	rev	date	description			dwg no	LEA UO	WINDOW TYPE	leigh hartl
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	on STAND 3340, GREYVILLE, DURBAN for BRIDGES TO THE FUTURE INITIATIVE						C09	U	SCHEDULE	School of Architecture, Housing and Planning fax; (011) 675 Student No.; 207514952



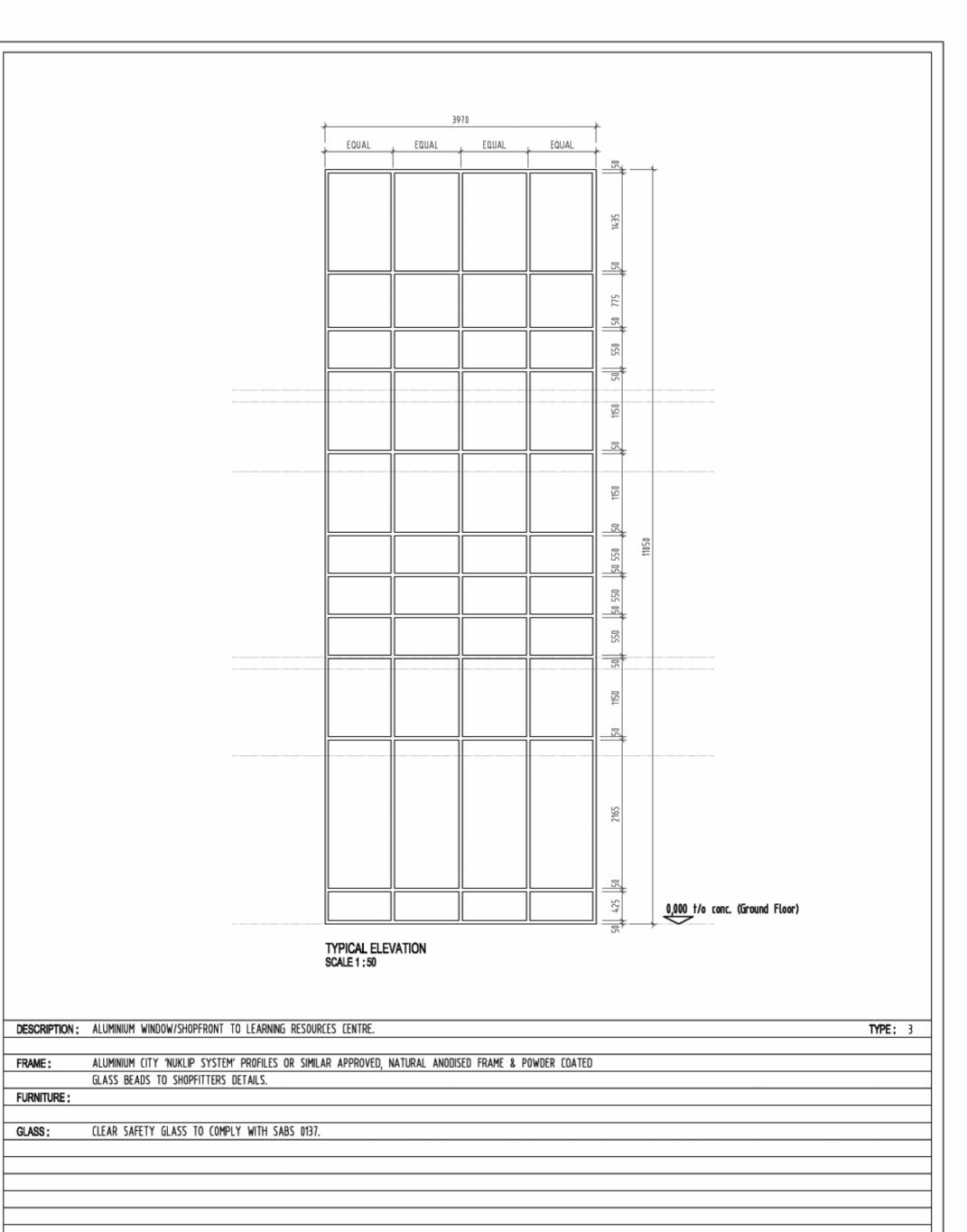
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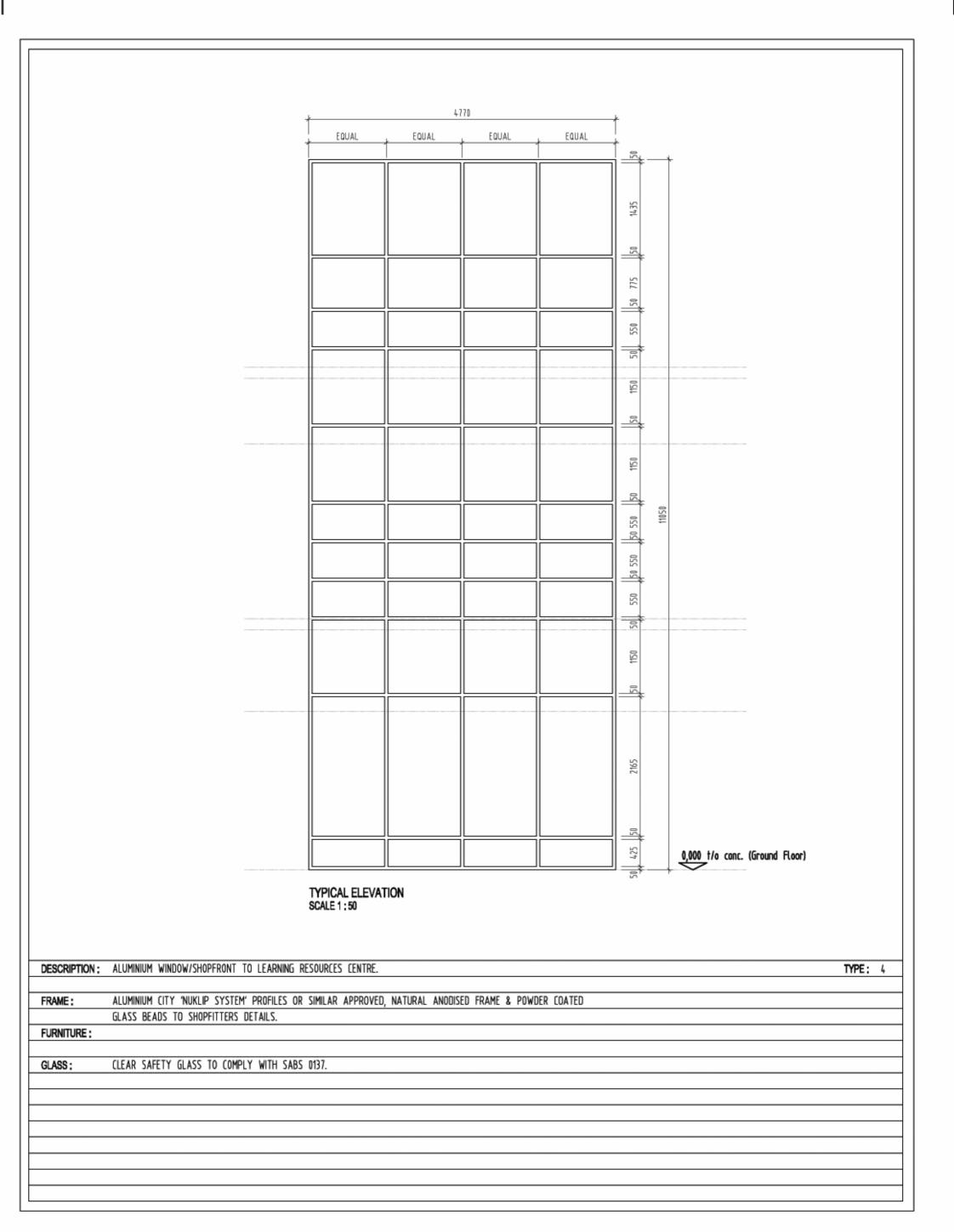
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10 0 WINDOW TYPE **SCHEDULE**

leigh hartl University of KwaZulu-Natal School of Architecture, Housing and Planning Student No.; 207514952 tel: (063) 359 6973 fax; (011) 675 2778



project no project		v date	description		dwg no	rev no	WINDOW TYPE	leigh harti
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On STAND 3340, GREYVILLE, DURBAN				1	1C11	0		University of KwaZulu-Netal tel: (083) 359 6973 School of Architecture, Housing and Planning fax: (011) 675 2778
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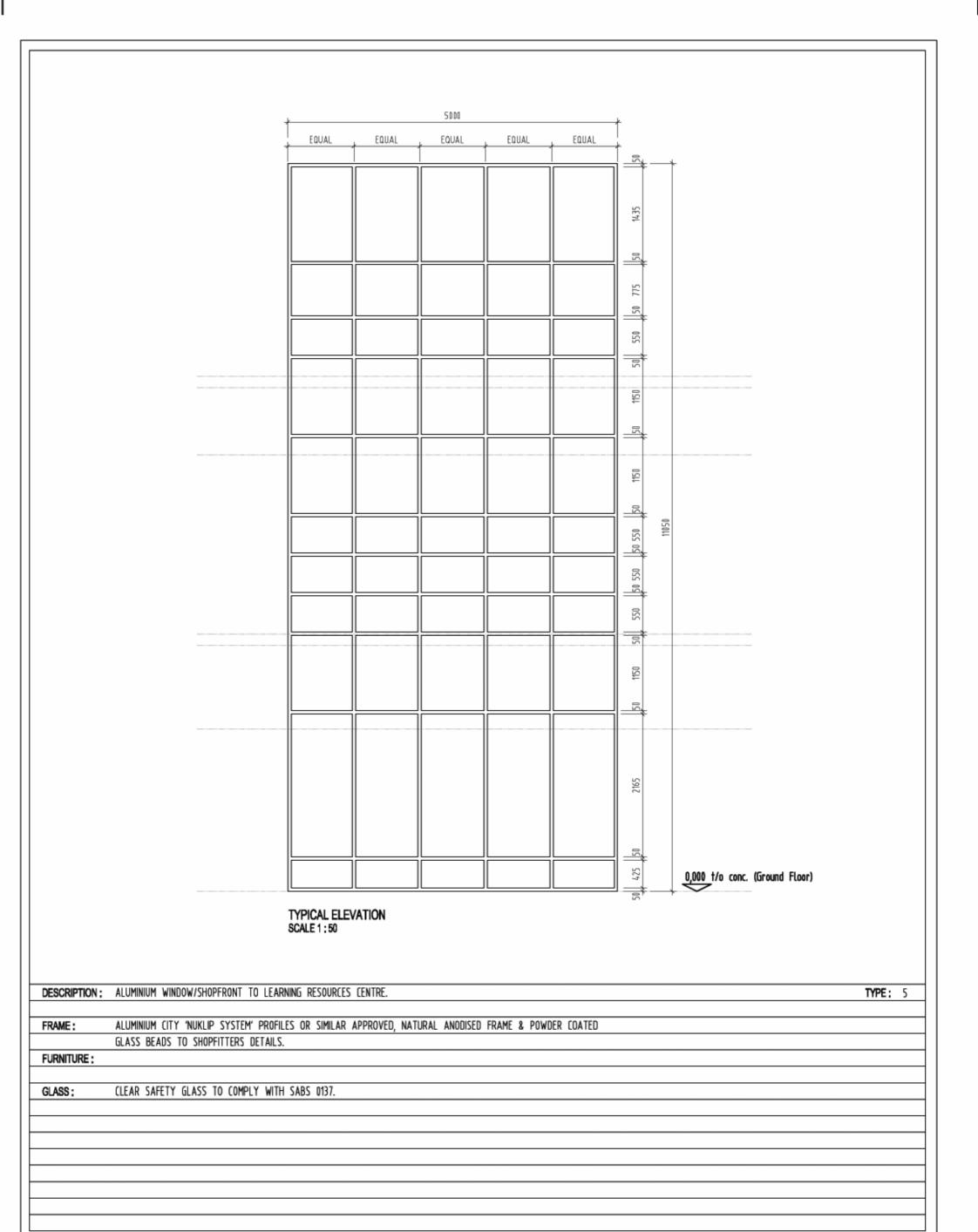
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CENTRE FOR ADULT BASIC EDUCATION
on STAND 3340, GREYVILLE, DURBAN
for BRIDGES TO THE FUTURE INITIATIVE

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WINDOW TYPE SCHEDULE

leigh hartl	
University of KwaZulu-Natal	tel: (083) 359 697
School of Architecture, Housing and Planning	fax; (011) 675 277



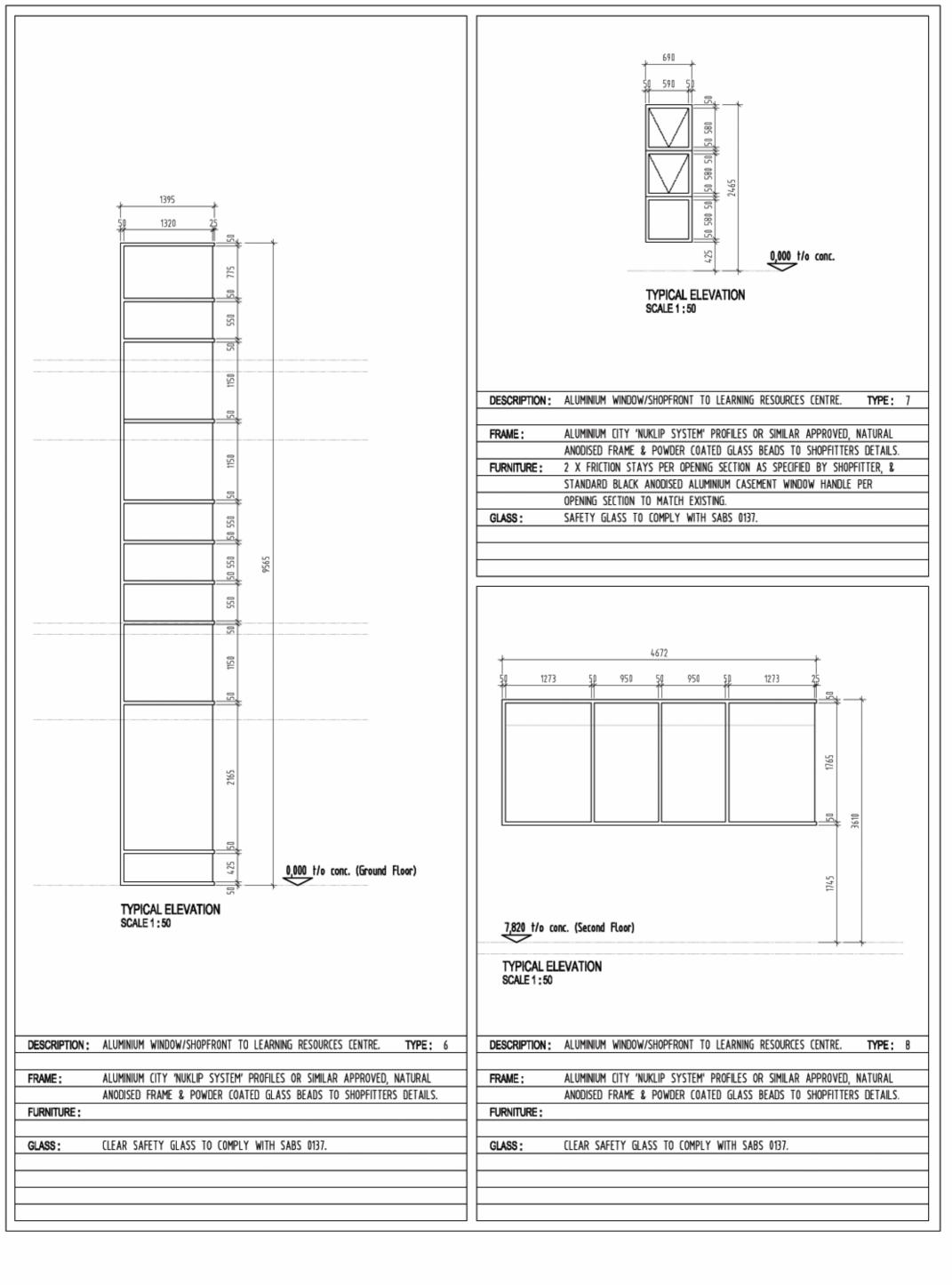
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for Bridges to the future initiative

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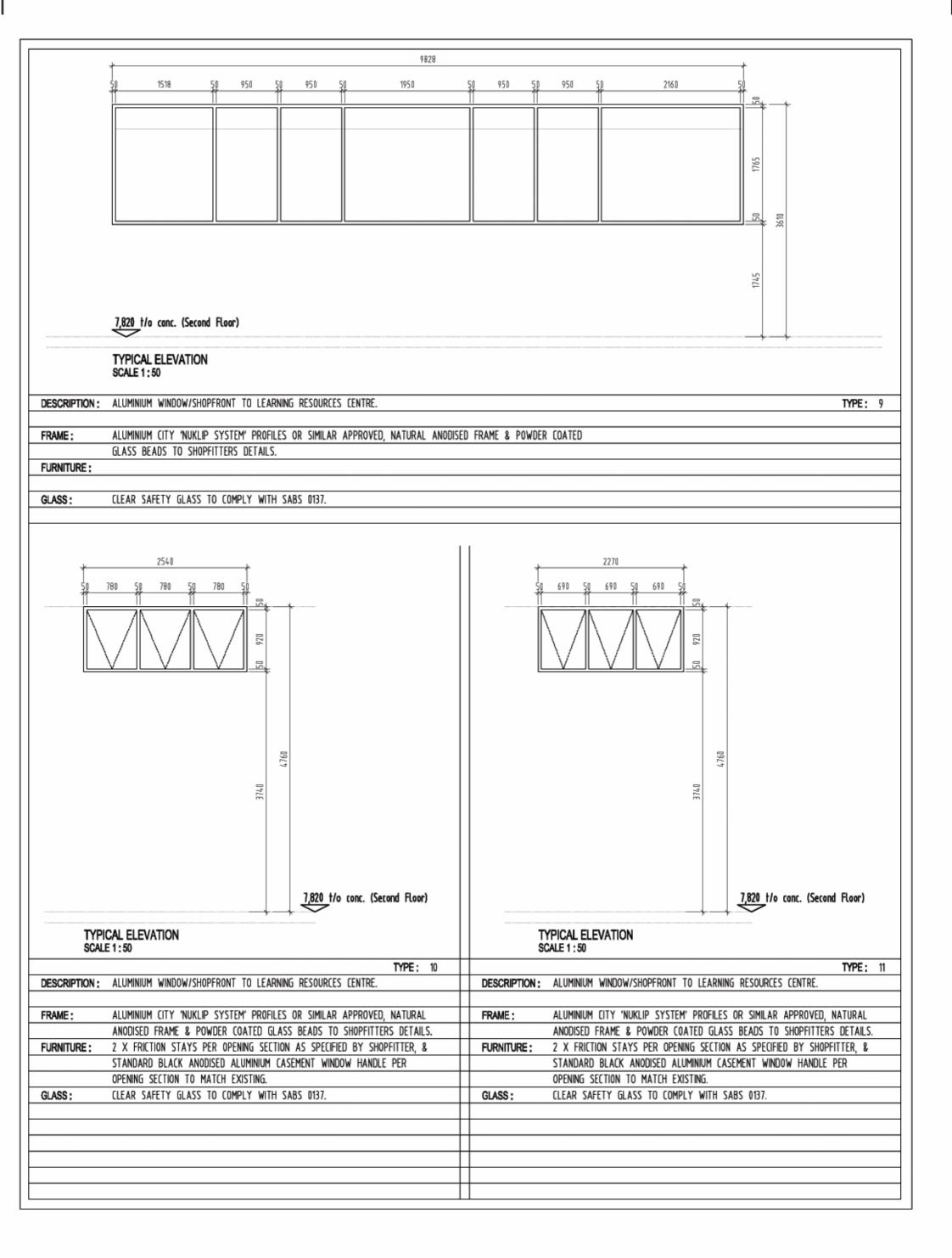
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WINDOW TYPE SCHEDULE

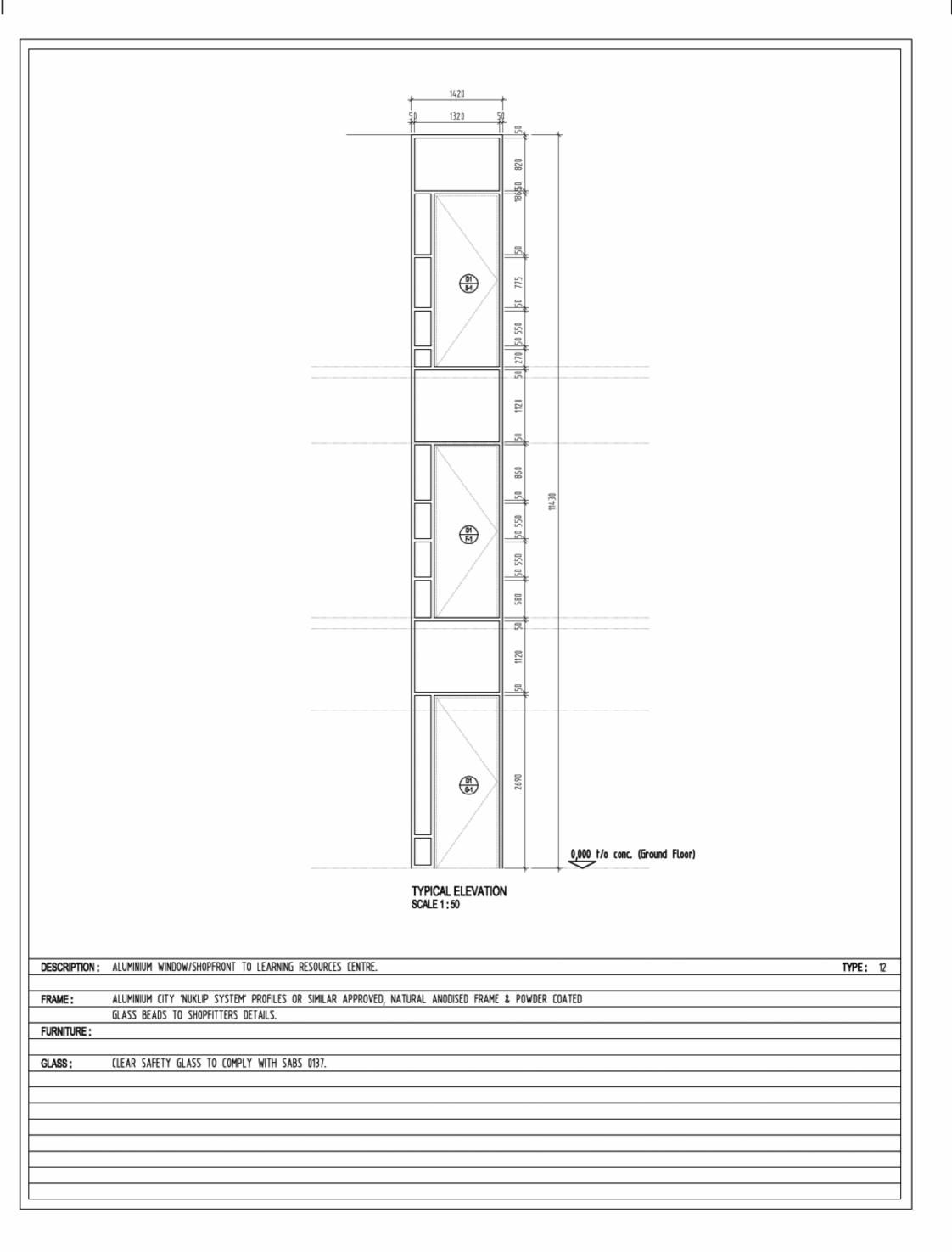
Leigh hart!

University of KwaZulu-Natal School of Architecture, Housing and Planning Student No.; 207514952

Student No.; 207514952



project no	project	rev	date	description		dwg no	LEA UO	WINDOW TYPE	leigh hartl
LOMOMAN	CENTRE FOR ADULT BASIC EDUCATION	0	12.01.2009	issued for CONSTRUCTION	lh	امردا	_	************************************	University of KwaZulu-Netal tel; (083) 359 6973
<i>// (</i> (()(U)	on STAND 3340, GREYVILLE, DURBAN					C15	0		School of Architecture, Housing and Planning fax; (011) 675 2778
	for BRIDGES TO THE FUTURE INITIATIVE							OOLILDOLL	Student No.; 207514952



project no	I
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I	project
ı	CENTRE FOR ADULT BASIC EDUCATION
ı	on STAND 3340, GREYVILLE, DURBAN
ı	for BRIDGES TO THE FUTURE INITIATIVE

rev	date	description		dwg n
0	12.01.2009	issued for CONSTRUCTION	lh	
				C16

dwg no	rev no
C16	0

WINDOW TYPE SCHEDULE

leigh hartl	
University of KwaZulu-Natal	tel: (083) 359 697
School of Architecture, Housing and Planning	fax; (011) 675 277

RM NAME	FLOORS	SKIRTINGS	WALLS	DOORS	CEILINGS	CORNICES	NOTES
CHILDREN'S LIBRARY GROUND FLOOR	FLOORS DIRECT DELIA 8mm laminate flooring on substrate as per manufacturer's specifications	FLOORS DIRECT skirtings to match laminate timber flooring	N/A	3 coats PLASCON ULTRA VARNISH X33 suede finish wood varnish applied as per manufaturer's specifications	flush skimmed plasterboard ceiling for 2 coats PVA paint Colour - WHITE	DONN CEILINGS Z Section shadowline - SM25	Steel structure for enamel paint finish to Engineers specification and
SERVICES ROOM & CEANER'S STORE: GROUND FLOOR	170mm thick powerfloated concrete slab to engineer's detailed drawings	75x19mm Timber Meranti for 2 COATS eggshell enamel, PLASCON EXPRESSIONS RANGE Sample colour to be approved on site Powerskirting to Electrical Layouts	1 coat plaster and 2 coats super acrylic PVA paint, PLASCON EXPRESSIONS RANGE Sample colours to be approved on site	Painted 2 COATS eggshell enamel PLASCON-VELVAGLO, Sample colour to be approved on site	off shutter concrete soffit for 2 caats PVA paint Colour - WHITE	N/A	
HVAC PLANT: GROUND FLOOR	150mm thick powerfloated concrete surface beds with saw-cuts all to engineers detailed drawings	N/A	Plaster for 2 COATS acrylic PVA paint PLASCON EXPRESSIONS RANGE Sample colour to be approved on site	Painted 2 COATS eggshell enamel PLASCON-VELVAGLO, Sample colour to be approved on site	off shutter concrete soffit for 2 coats PVA paint Colour - WHITE	N/A	
AUDITORIUM: GROUND FLOOR	BELGOTEX BERBER POINT broadloom carpet, COLOUR - LAGER	75x19mm Timber Meranti for 3 coats PLASCON ULTRA VARNISH X33 suede finish wood varnish applied as per manufaturer's specifications	2 coats plaster so be skimmed to take wallpaper and paint wallpaper below dado sample to be approved on site composite acoustic panels above the dado 55 x 19mm meranti dado rail for 3 coats PLASCON ULTRA VARNISH X33 suede finish wood varnish applied as per manufaturer's specifications	Painted 2 COATS eggshell enamel PLASCON-VELVAGLO, Sample colour to be approved on site 3 coats PLASCON ULTRA VARNISH X33 suede finish wood varnish applied as per manufaturer's specifications	flush skimmed plasterboard ceiling for 2 coats PVA paint Colour - WHITE	DONN CEILINGS Z Section shadowline - SM25	
PROJECTION ROOM: FIRST FLOOR	500x500mm VAN DYK POWERPOINT carpet tiles COLOUR – CYCLONE	Powerskirting to Electrical Layouts	1 coat plaster and 2 coats super acrylic PVA paint, Colour - WHITE	Painted 2 COATS eggshell enamel PLASCON-VELVAGLO, Sample colour to be approved on site	OWA STERNBILD 600x600 lay-in ceiling tiles on alumnium T's fixed to slab above: Colour - WHITE	DONN CEILINGS Z Section shadowline - SM25	
GROUP STUDY ROOM: GROUND & FIRST FLOOR	FLOORS DIRECT DELIA 8mm laminate flooring on substrate as per manufacturer's specifications	FLOORS DIRECT skirtings to match laminate timber flooring	N/A	3 coats PLASCON ULTRA VARNISH X33 suede finish wood varnish applied as per manufaturer's specifications	flush skimmed plasterboard ceiling for 2 coats PVA paint Colour - WHITE	DONN CEILINGS Z Section shadowline - SM25	Steel structure for enamel paint finish to Engineers specification and
TOILETS: GROUND & FIRST FLOOR	TILE AFRICA 450x450mm ceramic tiles Trieste 6689-3 1st with 3mm Light Grey grouted joints and 15mm brushed aluminium straight edge REFER DETAILED FLOOR LAYOUTS	TILE AFRICA 450x450mm ceramic tiles Trieste 6689-3 1st with REFER DETAILED INTERNAL ELEVATIONS	COMBINATION OF: A.600x400mm full bodied porcelain tiles FERREIRAS: ARC 10663 CS B.Glass mosaics cut into dado strips (50mm x 300mm) in % as follows: 50%-CODE 3464, 30%-CODE 3469, 20%-CODE 3465, C.Plaster for 2 COATS acrylic PVA paint PLASCON EXPRESSIONS RANGE Sample colour to be approved on site REFER DETAILED INTERNAL ELEVATIONS	Painted 2 COATS eggshell enamel PLASCON-VELVAGLO, Sample colour to be approved on site	flush skimmed plasterboard ceilings and bulkheads with shadowlines for 2 coats PVA paint Colour - WHITE REFER DETAILED CEILING LAYOUTS & INTERNAL ELEVATIONS	DONN CEILINGS Z Section shadowline - SM25	TOILETS: All corners and where shown on detailed internal elevations to have 10mm stainless steel square edge trim KIRK MARKETING: SQE100 wall-mounted vanity units with 32mm BISONBOARD V313 for FORMICA laminate finish colour: COCOA CODE: 929 all to specialist design & installation
LEARNING RESOURCES CENTRE: GROUND, FIRST & SECOND FLOOR	500x500mm VAN DYK POWERPOINT carpet tiles COLOUR - CYCLONE with 500x500mm VAN DYK POWERPOINT carpet tiles COLOUR - CEDAR and REDWOOD in random pattern	Powerskirting to Electrical Layouts	COMBINATION OF: A.Plaster for 2 COATS acrylic PVA paint PLASCON EXPRESSIONS RANGE Sample colour to be approved on site B. wallpaper Sample to be approved on site C. hand selected clay stock fairface brickwork with ruled joints unpainted	N/A	OWA STERNBILD 600x600 lay-in ceiling tiles on alumnium T's fixed to slab above: GROUND&FIRST FLOOR flush skimmed plasterboard ceiling for 2 coats PVA paint Colour - WHITE: SECOND FLOOR off shutter concrete soffit for 2 coats PVA paint Colour - WHITE: SECOND FLOOR	DONN CEILINGS Z Section shadowline - SM25	CONCRETE COLUMNS: 2 coats super acrylic PVA paint PLASCON EXPRESSIONS RANGE Sample colour to be approved on site Steel structure for enamel paint finish to Engineers specification and
STAIRS AND LANDINGS	TILE AFRICA 450x450mm ceramic tiles Trieste 6689-3 1st with 3mm Light Grey grouted joints and 15mm brushed aluminium straight edge	TILE AFRICA 450x450mm ceramic tiles Trieste 6689-3 1st with	CONCRETE LIFT SHAFT: wallpaper Sample to be approved on site REMAINDER: exposed polycarbonate sheeting	N/A	flush skimmed plasterboard ceiling for 2 coats PVA paint Colour - WHITE to first floor only REFER DETAILED CEILING LAYOUTS	DONN CEILINGS Z Section shadowline - SM25	STAIR NOSING nat. anodised aluminium L-angled profile, KIRK MARKETING: ATIN 100
	REFER DETAILED FLOOR LAYOUTS	REFER DETAILED INTERNAL ELEVATIONS					

2801

project
NEW CENTRE FOR ADULT BASIC EDUCATION
on STAND 3340, GREYVILLE, DURBAN
for BRIDGES TO THE FUTURE INITIATIVE

rev	date	description		dwg no	rev no
0	12.01.2009	issued for CONSTRUCTION	lh		_
				C17	0

FINISHING SCHEDULE

leigh hartl	
University of KwaZulu-Natal	tel: (083) 359 6973
School of Architecture, Housing and Planning	fax: (011) 675 2778

			ROOM NAME						
	DESCRIPTION	FEMALE TOILET (Ground Fir) MALE TOILET (Ground Fir) DISABLED TOILET (Ground Fir) FEMALE TOILET (First Fir) MALE TOILET (First Fir) DISABLED TOILET (First Fir)							
	VAAL-CAMEO drop-in whb CODE 7028, Colour-WHITE, mounted in wall-mounted vanity unit	•	•			•	•		
WHB's	VAAL-BANTAM basin 455x290mm, CODE 7030, with 2 semi-punched tapholes, bolted to wall, COLOUR - WHITE			•				•	
>	COBRA No.340 chrome plated bottle trap	•	•	•		•	•	•	
ΤAΡ	COBRA-XENA single lever basin mixer with plug, chain and stay in chrome finish - CODE XE-295/044	•	•	•		•	•	•	
WC's	BETTA-HORNBERG wall hung washdown pan, Colour-WHITE, with timber seat & lid and GEBERIT-CONCEALED CISTERN with GEBERIT-Chrome plated TWINLINE ACUATOR PLATE CODE: 115.888.46.1	•	•	•		•	•	•	
URINAL	VAAL-FLATBACK wall mounted urinal with top inlet CODE 7053, with chrome plated domical grating CODE 8787, chrome plated spreader CODE 8543 and 2 hanger brackets CODE 8127 COLOUR: white		•				•		
	32mm stainless steel side grab rail CODE DL2 32mm stainless steel rear grab around cistern CODE SR1			•				•	
SES	NAMPAK-Stainless steel toilet roll dispenser -CODE 0469	•	•	•		•	•	•	
SSOI AR APP	NAMPAK-Stainless steel handsfree paper towel dispenser -CODE 0473	•	•	•		•	•	•	
ACCESSORIES OR SIMILAR APPROVED	NAMPAK-Stainless steel auto soap dispenser -CODE 0548	•	•	•		•	•	•	
	NAMPAK-Stainless steel waste bin -CODE 0486	•	•	•		•	•	•	

project
NEW CENTRE FOR ADULT BASIC EDUCATION NEW CENTRE FOR ADULT BASIC EDUCATION ON STAND 3340, GREYVILLE, DURBAN FOR BRIDGES TO THE FUTURE INITIATIVE

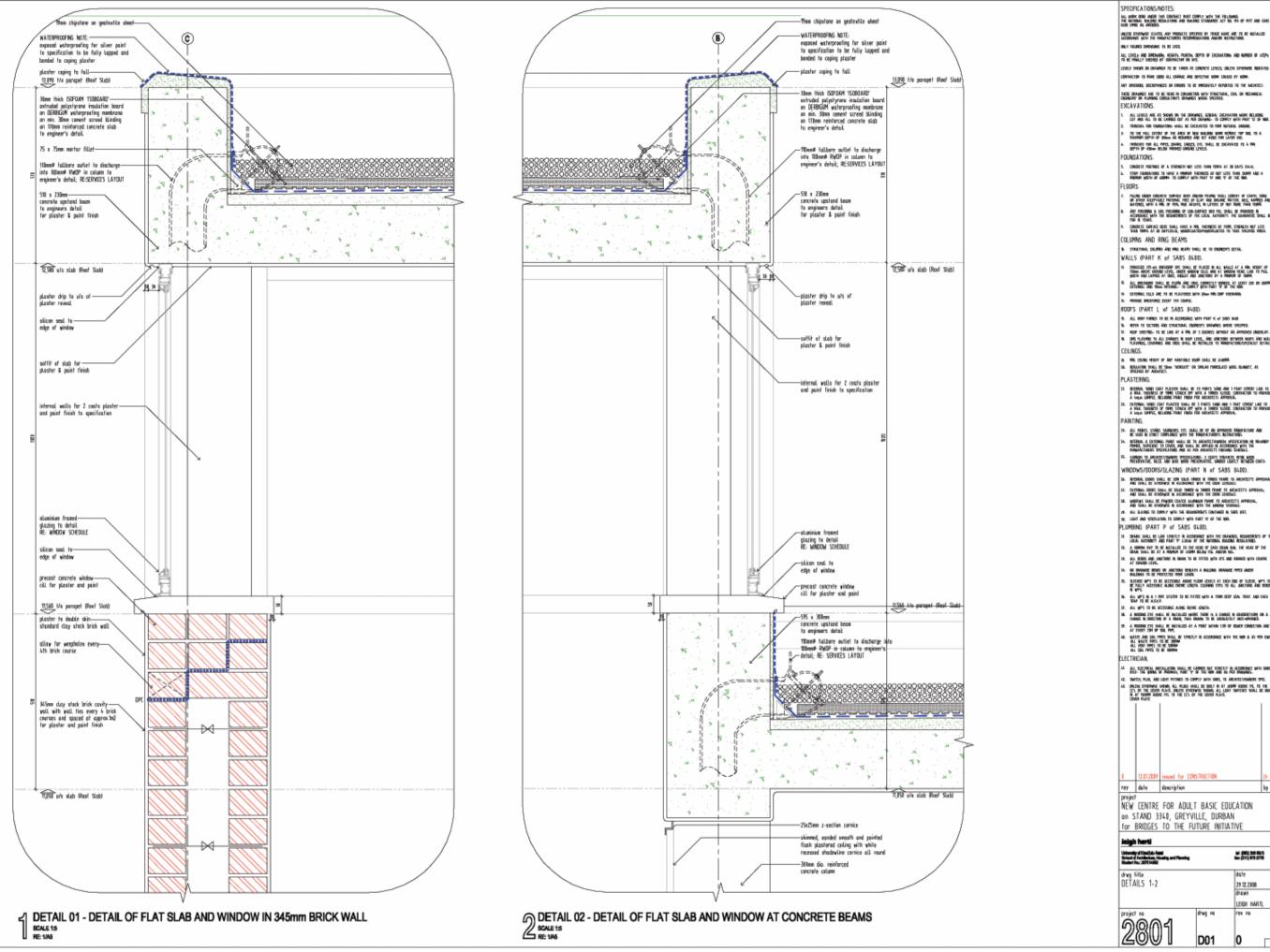
	rev	date	description		dwg no	
N	0	12.01.2009	issued for CONSTRUCTION	lh	C18	
					C 10	

SANITARY SCHEDULE

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University of KweZulu-Natal School of Architecture, Housing and Planning Student No.: 207514952

tel: (083) 359 6973 fax: (011) 675 2778



ALL WORK DOES INDEED THAT CONTRACT FROST COPPLY WITH THE FIRLINGS.
THE MANDRAL BRAINER RECOLLATIONS AND BRAINING STANDARDS ACT NO. THE OF THIT AND CASE
THAT FROM A MANDRAL.

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MIL LENGS AND DIFFERENCES RECEIVE PLANTS, DEPTH OF EXCANATIONS AND NUMBER OF STEP TO BE REPORT OFFICES BY CONTRACTOR OR SITE.

USNESS SHOWN BY CONTRACTOR OF THE PARK AS CONTRACT LEVELS, VALUES CONTRACTOR AND CONTRACTOR TO KING CORD ALL CARAGE AND CONCEINE WINK CAUSES BY WORK. ANY INICIDIAS DECEMPANCES IN CIRCLES TO BE INFORMED. FIREWORKS TO THE ARCHITECT

- ALL LEVELS ARE AS SHOWN ON THE ORIGINALS, EXHERAL DICANATION WORK RELIGIONS DIT AND FILL TO BE CARRED OUT AS PER DRAWNS- TO COMPLY WITH PART ST OF MIR.
- to the full cather of the Arch of New Hallaho wark referent the size, to λ . Hallahold comin of size, as required and set a section (area see.
- MINISTER FOR ALL PROS. GRANE, DROUGH, EFF. SHALL BE DICANAGE TO A HIN SEPTIM DY 40000 BELLIN MINISTER GRANED LEVELS.
- STORP COMMANDES TO HAVE A MARKET PROPERTY OF NOT LISTS THAN 200M AND A MIGHAN WITH OF GODIN- TO COPELY WITH PROF MY AND N° OF THE MOR.
- ANY POSSIBLE SEL PRESIDENCE OF SELECTIVE BOTHLE SALE OF PRINTED IN ACCORDANCE WITH THE RESIDENCE OF THE LOCAL ANTHORY'S THE COMMANDE SALE OF THE 8 TOTAL CHARGE IS SUFFACE GETS SHILL HAVE A MIN. RECOVERS OF FORM, STREAMEN MOT LESS THAN 1994 AT 30 GRYTPILE, WEIGHTLANDSHOW, WHICH LESS TO THE OPERATE RIGHT.

COLUMNS AND RING BEAMS

WALLS (PART K of SABS 0400).

- DNOSSE 15-4: BROKEP BY SHALL BY RIVER IN ALL YALLS AT A NA HOSET OF Shan ARRY GRADE LEYEL, Mode Wildow Class And at Whitely HORL Like TO PAIL WITH HOLD LANCE AT DISC, MIGES AND JUSTIMES IT IS A MINOR OF SHAN.
- EXTENSE DUES AND TO BE PLASTEDED WITH JOHN HIS ONLY DISTRIBUTE.

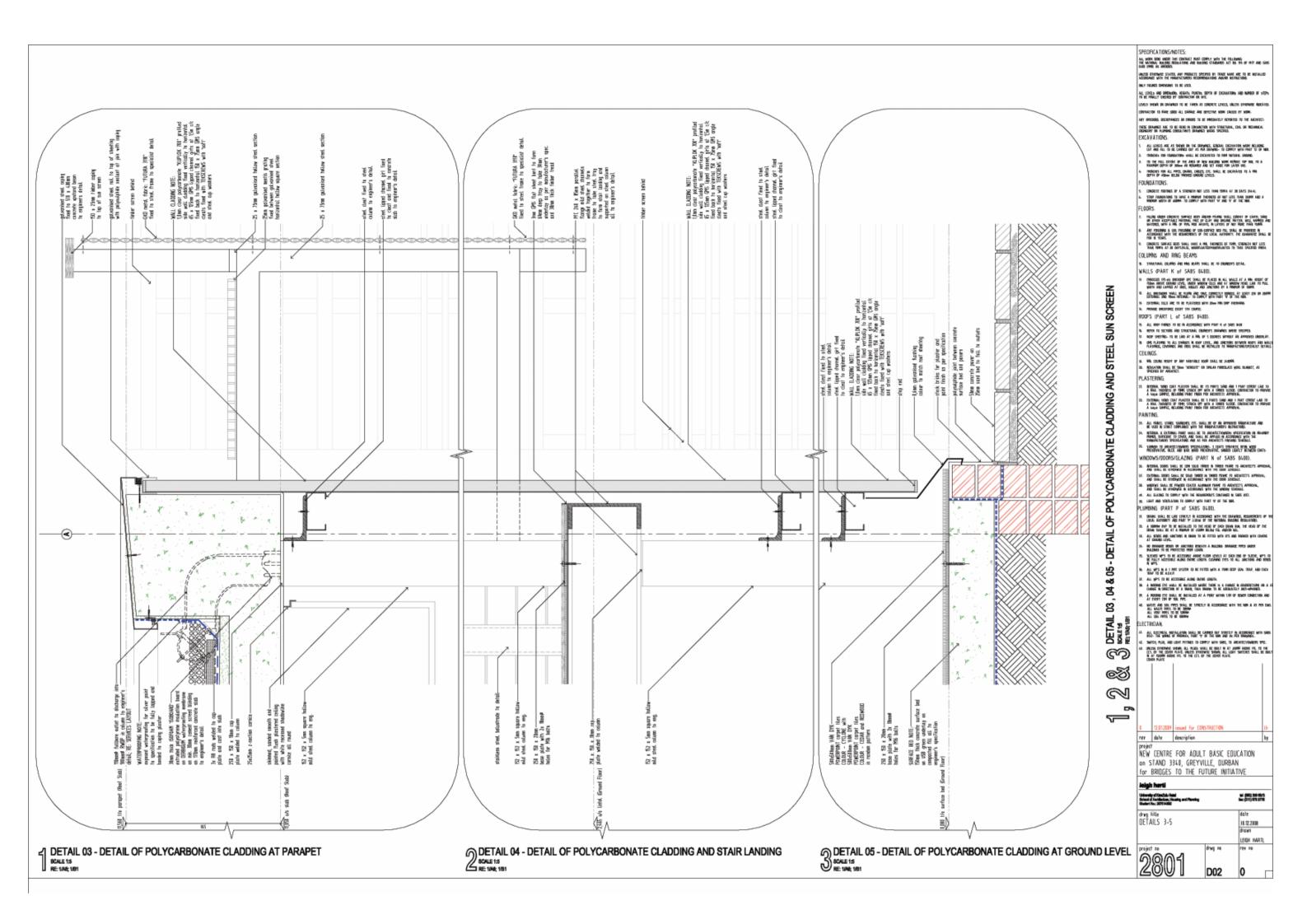
- ALL BORY MIRROR TO BE BY ALCOMMINED WITH PHAT K or SARS BUILD.
 REFER TO SECTION WID STRUCTURAL UNDERFOR SHIPMERS WHITE SPECIFICAL
 ROOF SPECIFIC- TO BE LIND AT A MAY, OF S DEGREES WITHOUT WILL APPROXY.
- b. dés plásnég 10 áu gráfiges in body lengu, and diachtáis betweek bodys and málus plásnágs, covenius and eiges syáll be réstallen 10 málusástroksztoklast tertáls.
- Michael Strate (1998) The Market Rep 2008 State of States (1998).
 Michael Strate (1998) "Microry" or Salear Principles (1908) States (1998).
- WYSHAR, THIS CORT PLASTER SHALL BE IS PRINTS SARD ARE I PART CREAT LAD TO A MAX. THISDESS OF 1994 STREAM OF MITH A TRIBLE SCIENC CREATMENT TO PRINTED A CHIEF SHAPE, SILLIBED PART PRINT FOR MICROSOFT APPRINT.
- EXTENSIAL HORSE CHAF PLACES SHALL BE S PARTS SHAD HIS 1 PART CHRIST LAD TO A MAX. THOOLESS OF 1949, STRICK OFF WITH A 1940S SLEDIZ CONSISCION TO PROPER A SHAPE SHPEE, BELLEDIG PART PRISE FOR RECHESTS APPERENT.
- All Pábrs stárs várigues etc saáll de of ar interned kölmástare ára de vezi ni stretí compliago yara tar kölmástarens astructors.
- WITHIN 2 DETROID PART WALL BE TO ABSOLUTION/WEST SPECIFIES ON WHICH PARKS, SUPERINT TO DIVING, AND THALL BE APPLED BY ADDRESSED WITH THE MARKACHING SPECIFICATION AND AS NO ADMINISTER PROGRESS DESIGNATION AND AS REASONING FOR THE ADMINISTER PROGRESS DESIGNATION.
- VANGEN TO ARCHITECTURATED SPECIFICATORS, 3 CHAIR TO THE WIND PROCESSARING, DATE WIND PROCESSARING, SAMED LIGHTLY RETHER CONTI-
- 26. ATERNAL DOORS SHALL BE SEN SOLID TABLE IN THREE TEACH TO ARCHITECTS APPROACH SHALL BE OTHERWISE IN ACCORDANCE WITH THE DOOR SCHOOLS.
- EXTENSION CHIEF SHALL BE SOLD THIRE IN THIRE PEAKE IT ARCHITETS APPROVAL AND SHALL BE OTHERWISE IN ACCORDANCE WITH THE DIREC SCHOOLS.
- 28. MADDYS SHALL BE PRIMER CRATES ALUMBUM FRAME FO ARCHITECTS APPROVING AND GRALL BE OTHERWISE IN LECUROLISES WITH THE MADDIN STREET.
- AL DAING TO DANCY WIN THE REMINIPRIES DISCUSSED IN SIGN WIT.
- PLUMBING (PART P of SABS 0400).
- M. DRANG SHALL BE LAIR STRETCH IN ACCORDANCE WITH THE DRAWNES, REQUIREMENTS OF THE LOCAL NUMBERS AND PART OF Julies of the National Ballock Reducations.
- A SERVIC DIP TO BE INSTALLED TO THE HEAD OF DATA CRAIM, RUM, THE HEAD OF THE DEAM, SURLE DE AT A MINISTAL OF LODING DELLOY DE, AND/OR MG.
- NO INÁMICE IRÓNII OR JAKTIONI IZÁRÁTH A INALDAG- INÁMICE MYCS LÁGOT BALDAGS TO DE PROTECTICI MON LLANG.
- SLEDRO WY'S TO BE ACCESSIVE ASINE PURP LEVELS AT CACH BUT OF SLEDR, WY'S TO-BE PAULY ACCESSIVE ALANG ENTIRE LIBERTA, GLEANING EYES TO ALL ANCTIONS AND BEINGS IN MY'S.
- ALL MPS IN A 1 MMC SYSTEM TO BE INTERS MATH A FROM DEEP STAL TRANS, AND ENEX TRANS TO BE ASSYS.
- An apply to the relationship degree degree.
 A member of volume to bettermine period there is a county in description of a 1-degree of the second period to the second period period
- ALL EUSTRICH, ANTALLANDA SHALL OF CARRES OUT STREETLY IN ACCORDANCE WITH SHEE DILT-THE YERKS OF PROPERLY, HART YE SHE HAR AND BE FOR BROWNING.
- UNLESS COMPRISES SHEWE, ALL PRIESS SHALL BE BOUT IN AT JOSÉE ALONG THE, TO THE CIT. OF THE COVER PLANT, UNLESS STREAMER SHOWN, ALL LIGHT SWITCHES SHALL BE BOUT IN A SET SARRIE MADE THE TO THE COVER PLANT.

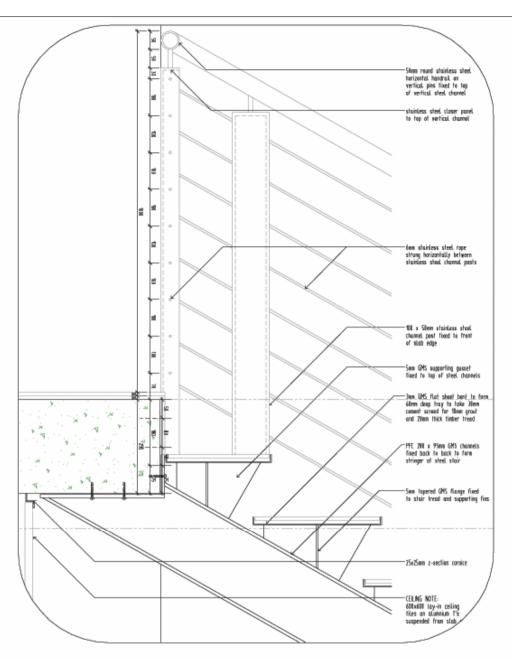
 COMPARISANCE.



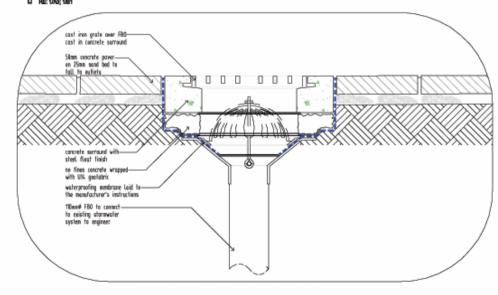
project NEW CENTRE FOR ADULT BASIC EDUCATION on STAND 3340, GREYVILLE, DURBAN for BRIDGES TO THE FUTURE INITIATIVE

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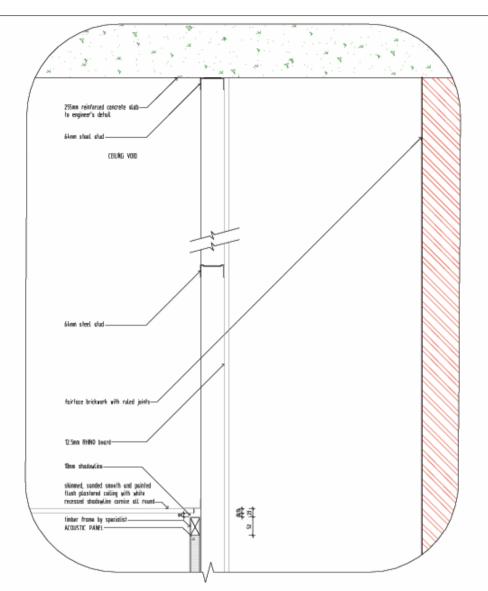




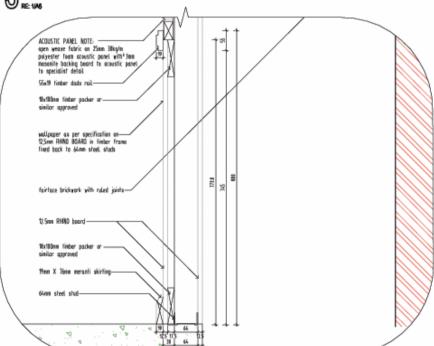
4 DETAIL 06 - DETAIL OF STEEL STAIR AND STAINLESS STEEL BALUSTRADE 9CALE 1:5 RE: 1/A5; 1/81



DETAIL 07 - DETAIL OF WATERPROOFING AT FULLBORE OUTLET RE: 1/165



DETAILS 08 - ACOUSTIC PANELS TO AUDITORIUM
SOALE 15
RE: UN6



SPECIFICATIONS AND TES-

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THE MATERIAL RESIDENCE RESIDENCE AND RELIDING STAMPARDS ACT NO. THE OF THIT AND CARE
CARD THEM ARE ADMINISTRA.

UNLESS ETHERMOSE STATES, ANY PRODUCTS SPECIFIED BY TRADE NAME ARE TO BE INSTALLED ACCORDANCE WITH THE HOMERCHARDS RECEIPMENTATIONS AND/OR INSTRUCTIONS. ONLY FIGURED DHOUSING TO BE USED.

ALL LEVELS AND INVENTION, RESULTS, PLATES, GEPTH OF EXCANATIONS AND NAMES OF STEP TO BE ROBLET CRESSED BY CONTINUED ON NEW,

CONTRACTOR TO NAME COOLD ALL CAMAGE AND DETECTIVE MORE CAUSED BY MORE.

ANY INCOMES DECREPANCES IN CIRCLES TO BE INCOMISELY REVIEWED TO THE ARCHITECT. THESE DRAWNES AND TO BE FROM TH COMMITTION WITH STRUCTURE, CHILL OR RECHONICAL DRIBBERS' OR PLUMBING CONSECTIONS DRAWNES WHICH SPECIFICS. EXCAVATIONS.

- ALL LIFELS ARE AS SHOWN IN THE GRAMMES, EXHELAL DICAMATION WORK INCLIDING DAT AND FILL TO BE CARRED OUT AS FIRE GRAWING- TO COMPLY WITH PART ST DE MIRE
- to the full extent of the area of hen regions were resent the field to a name of the or $m_{\rm min}$ as regards and let after for later size.
- TROOPS FOR ALL PPCS, GRAND, DROPS, STC. SHALL BE DIGARATED TO A HIN DEPTH OF ASSess BELIN WINSHED GROUND LEVELS. FOUNDATIONS.
- STORP FORMATIONS TO HAVE A PROMOTE THEORETS OF HET LISTS THAN STORM AND A MICHIEF WELL OF GENERAL TO CONFLY WITH PAST MY AND NY OF THE ROLL. FI 60R5
- PILLING UNDER CONCRETE SARPACE PIECO AMBITOR PRIVING SHALL CONSET OF EASTH, SAME OR INTER ACCUPTANCE PRICESSAL PIEC OF CASH AND HAD BRAINE PATTER, MELL AMPRES AND MATERIES, MITH A PIBL OF SIN, MEM ANDRES, IN LATESS OF THE TRANS THAN SHARM. ART PRINCIPLE & SILL PRINCIPLE OF SIR-SEPING NO FILL SHALL BE REWELD IN ACCORDANCE WITH THE RESIDENCES OF THE LOCAL AUTHORITY, THE GUMANTEE SHALL BE FOR ILL YORK.
- CEMENTS SHIPACT SEES SHILL HAVE A MIL THOMESS OF TOMIL STREAMS HOT LISS. THAN 1894 AT 30 DESCRIPTION, WHEREASTERNINGSCRIPTION TO THAT OFFICE SHIPA. COLUMNS AND RING BEAMS

B. STRATABAL CILLING AND MIG READ SHALL BE TO CHEMISTS DETAIL.

WALLS CHART K of SABS 0400).

- I THROUGHD THE-HIS REPORTED BY SHALL BY PLACED IN ALL WALLS AT A MIN. RECEIT OF 15ths ABOVE GROUND LEVEL, INDEX MINIOUS MICH AN AVENUM HOLD, LIMB TO PULL WITH MID LANGE AT BUES, ARREST AND JUNCTIES IT Y A REPORT OF 1889.
- All BREMORE SHALL BY THINK AND THAT COMPETLY SIMILER AT LEAST ZO BY BROWN 1255-WILL AND Make WILSHAL- TO LOWLY WITH PART Y ST THE MIK.
- IS EXTERNAL CILIS ARE TO BE PLATERED WITH THEM HIS CIRP CHERWAR. IS. PROVIDE RECOVERED EXCEPT STR COMPS.

ROOFS (PART L of SABS \$400).

- 5. ALL BOY FIRED TO BE IN ACTIVIDATE WHEN PART IS of SADS BAIR

 8. REPORT TO SECTION AND STREAMAN, DEMONSTOR SHAPES WHERE SPECIFES,

 8. DOT SECTION TO BE USE AT AN END OF SOMESTIME ANAPOLYD SADDERAY.

 8. DOT FILEDON TO BE USE AT AN END SECTION SECTION BETWEEN ADDRESS OF MAIN

 FILEDON TO BE USE AND SECTION SEC CELLINGS.
- S. NR. COUNS HEIST OF ANY MARINALE BOOK SMALL SE SHERM.

 10. RESULATION STALL DE Sinus "MERGLET" OR SHEAR PRINTELESS MOD. SLAMET, AS SPICIOSED BY ADDRESS.
- PLASTERING.
- INTERNAL TRIMS COAT PLASTER SHALL BE 15 PARTS SAND AND 1 PART COREST LAD 10 A MAX TRIBUTES OF 1994 STREET OF MITH A TRIMES SCIENC CONTRACTOR TO PROVIDE A Case SUPPLE BILLIBOOK PART FREST FOR MICROSTATA APPRIVAL
- EXTENSIAL TORRE CHAT PLASTICE SHALL BE S PARTS SAND AND 1 PART CEMENT LAD TO A MAX. THIODIESS OF 1999, STRIKE OF ANTH A THREE SUSPE. CONTINUES TO PROVIDE A GALLE SPORT, EXILIBED PART PRIEST DRIVEN ASSESSED ASSESSED.
- All mans, state, valuedes, etc. stall be of an approprie manifacture and be used in street companies with the manifacturers instructions. WITHOUT 2 DITTOUT PART MALE OF TO ADMITTENABLE SPECIFICATION OF WARMS FRAME, SUPERINT TO EXAMPLE AND THAT HE REPORT OF ADMITTED FRAME SPECIAL SERVICES SPECIAL FRAME AND ADMITTED FRAME SPECIAL SPECIAL FRAME SPECIAL SPECIAL FRAME SPECIAL SPECIAL FRAME SPEC
- VARIENT TO ARTHREST/MARKES SPECIFIATIONS 1 CHATS SPATIETY, EVEN WISE PROJECTIVE FILES, AND WAR WHITE PROSPECTIVE, SHARED LIGHTLY RETRIES (DATE:
- WINDOWS/DDORS/GLAZING (PART N of SABS 8400).
- MESHAL DOORS SHALL BE SEN SOLD THREE IN THREE FRANC TO ARCHITECTS APPRO AND SHALL BE OTHERWISE IN ADDRESANCE WITH THE DIDE SCHOOLS. External dides small at soud there in these prave to addrects approval and small by different in accordance with the order schedule.
- 26. WINDOWS SHALL BE PRIVED CHARTER ALIENBAM FRANC TO ADDITIONS AFFROMA, AND CHALL BE OTHERWISE IN ACCORDANCE WITH THE WINDOW SCHOOLS.
- 28. ALL EASING TO COMMY WITH THE REGISEMENTS CONTAINED IN SIGN MED. 39. LEGIT JOIN VENTLATION TO COMMY WITH PART OF DIS THE MED.
- PLUMBING (PART P of SABS 0400).
- 54. DRANG SHALL BE LASS STREET, IN ACCORDANCE WITH THE CHANNES, REGISTRANCE OF THE LOCAL AUTHORITY AND PART OF JUNE OF the NATIONAL BUILDING RESOLUTIONS. IL. A GROWN DVP TO BE RETAILED TO THE HEAD OF SACH DEAN RIA, THE HEAD OF THE DRAW STALL BE AT A HAMMEN OF JOSH BELOW DR. AND/OR MG.

- 54. NO DIAMME ROUS OF JINCTION EXPLAIN A BALDING DIAMME MYS LAURI BALDING TO DE PROTECTES MOR LIGHTS.
- SLEDGE WTS TO BE ACCESSIVE ASINE FURNI LEVELS AT DICH GOLD IS SLEDE, WTS TO BE FAULT ACCESSIVE ALING EMPIRE LENGTH, DELANNE CYCS TO ALL JUNCTIONS AND BOXES B WES.
- ALL MPS IN A 1 MMS SYSTEM TO BE NITTED WITH A TSMM DEEP SEAL TRAY, AND EACH TRAY TO BE ASSVE.
- A A MEMORY OF USE OF STREET, AND A STREET, AS A SHARE IN CHARGESTERN OR A A CHARGE TO CHARGESTERN OR A A CHARGE TO CHARGESTERN OR A A CHARGE TO COMMITTEE OF THE ASSESSMENT OF T AL SECTION OF WAS SHALL BE STREETLY IN ACCOMPANIE WITH THE MIRE & AS MAN DWG.
 ALL WASTER MINES TO BE SHOWN
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 ALL SOLL PROPERTY.
- LECTRICIAN.
- ALL ESCIPEN, INTALLATEN SHALL OF CAMES OUT STREETLY IN ACCREMENT WITH SHEE DID-THE WIRES OF PROPERLY AND TO SEE HER AND BE FOR DEMONST. SWITH, PURE, AND LIGHT PITTINGS TO COMPLY WITH SHEE, TO ARCHITE



project NEW CENTRE FOR ADULT BASIC EDUCATION on STAND 3340, GREYVILLE, DURBAN for BRIDGES TO THE FUTURE INITIATIVE

leigh harti

₩ \$60,200 B/S ₩ \$10,000 270 dreg title DETAILS 6-9 31.12.2108 LEIGH HARTL 2801 D03

DETAILS 09 - ACOUSTIC PANELS TO AUDITORIUM RE 1/16