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## Te Rapa Stage 2 - CONSTRUCTION ISSUE

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T0424 | Te Rapa Industrial Park, Hamilton | Client: Chalmers Property TRG

TE RAPA GATEWAY FOSTER CONSTRUCTION



# SPECIFICATION NOTES:

**THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION AND ASSOCIATED DRAWINGS.**

INCONSISTENCIES, AMBIGUITIES AND DISCREPANCIES IN CONTRACT DOCUMENTS SHALL BE HANDLED AS FOLLOWS:
- THE DRAWINGS TAKE PRECEDENCE OVER SPECIFICATIONS
- FIGURED DIMENSIONS ON DRAWINGS TAKE PRECEDENCE OVER SCALED DIMENSIONS
- DRAWINGS TO A LARGER SCALE TAKE PRECEDENCE OVER DRAWINGS TO A SMALLER SCALE
- DRAWINGS SHOWING PARTICULAR PARTS OF THE CONTRACT WORKS TAKE PRECEDENCE OVER DRAWINGS FOR MORE GENERAL PURPOSES

ANY DISCREPANCIES BETWEEN DOCUMENTS MUST BE BROUGHT TO THE ARCHITECTS/DESIGNERS ATTENTION IMMEDIATELY.

ANY DETAILS THAT ARE IN CONFLICT WITH THE MANUFACTURERS DETAILS OR REQUIREMENTS MUST BE BROUGHT TO THE ARCHITECTS/DESIGNERS ATTENTION IMMEDIATELY.

MAIN CONTRACTOR IS TO LIAISE WITH SUBCONTRACTORS AND IS RESPONSIBLE FOR COORDINATION OF THEIR WORK WITH SUBCONTRACTORS WORK WITH REGARDS TO TIMING OF INSTALLATION AND INTEGRATION. ANY CONFLICTS IN COORDINATION MUST BE BROUGHT TO THE ARCHITECTS/DESIGNERS ATTENTION IMMEDIATELY. NOTIFY ARCHITECT IF DOUBT EXISTS AS TO ANY ASPECT OF DESIGN FEASIBILITY.

CONFIRM SET OUT AND DIMENSIONS ON SITE PRIOR TO MANUFACTURE OF ANY AND ALL ITEMS.
DO NOT SCALE FROM DRAWINGS - DIMENSIONS SHOWN ARE ACCURATE.
REFER TO ENGINEERS DETAILS AND CALCULATIONS PROVIDED FOR ALL STRUCTURAL INFORMATION.

THE CONTRACTOR SHALL ENSURE THAT ALL WORKS ON SITE ARE CARRIED OUT IN ACCORDANCE WITH THE RESOURCE CONSENT CONDITIONS.

THE CONTRACTOR SHALL CONFIRM WITH THE CLIENT THAT ALL CONDITIONS OF THE RESOURCE CONSENT HAVE BEEN MET PRIOR TO STARTING ON SITE.

IT IS THE CONTRACTORS RESPONSIBILITY TO CO-ORDINATE AND DOCUMENT WITH SHOP DRAWINGS ALL PENETRATIONS THROUGH SLABS, BEAMS AND COLUMNS AS REQUIRED TO ACCOMMODATE ALL SERVICES. THIS MUST BE DONE IN CONJUNCTION WITH SUBCONTRACTORS ASSOCIATED WITH RELEVANT TRADES TO ADEQUATELY ADDRESS SERVICES ZONING AND POTENTIAL CLASHES.

AT ALL TIMES, CARE AND CONSIDERATION SHALL BE GIVEN TO ENSURE MINIMAL DISTURBANCE AND INCONVENIENCE TO ALL NEIGHBOURING PROPERTIES DURING THE EXCAVATION AND BUILDING PROCESS.

**GENERAL TIMBER TREATMENT NOTE:**

ALL TIMBER AND WOOD-BASED PRODUCTS SHALL BE IN ACCORDANCE WITH NZS3604:2011 "TIMBER AND WOOD BASED PRODUCTS FOR THE USE IN BUILDING". IN PARTICULAR ALL TIMBER SHALL BE TREATED TO THE
LEVELS SPECIFIED IN THIS STANDARD AS A MINIMAL. WHERE A HIGHER LEVEL OF TREATMENT IS SPECIFIED IN THESE DOCUMENTS THE HIGHER LEVEL GOVERNS.

MINIMUM STANDARDS OT TREATMENTS SHALL BE:
H5 - RETAINING WALL UPRIGHTS AND PILES
H4 - RETAINING WALL HORIZONTALS
H3.2 - EXTERNAL POSTS HANDRAILS BALUSTERS
(H3) - (IF LAMINATED)
H3.1 - ENCLOSED FLAT ROOF FRAMING
H1.2 - EXTERNAL WALL FRAMING

**GENERAL FLASHINGS NOTE:**

ALL EXPOSED FLASHINGS TO BE GALVANISED STEEL HOT-DIPPED ZINC COATED 275 WITH MIN. 0.55 BMT WITH FACTORY APPLIED FINISH TO AS/NZS 2728 TYPE 5 OR BETTER - MACHINE FOLDED.

**INSULATION NOTE:**

CLIMATE ZONE 2: R-VALUES FOR NEW AREAS OF TIMBER FRAMING AREAS OF CONSTRUCTION
ROOF = R 3.5 - 25mm AIR GAP IS REQUIRED BETWEEN INSULATION AND THE UNDERSIDE OF ROOF UNDERLAY.
WALLS = R 2.5 - ALL INSULANTS SHOULD BE PLACED AGAINST THE WALL UNDERLAY
FLOOR = R 1.3 GLAZING (VERTICAL) = R 0.31

**BUILDING PAPER NOTE:**

THERMAKRAFT COVER-UP HEAVY WEIGHT (BREATHER TYPE) (BRANZ APPRAISAL NO: 358).

DEFINITIONS:
FFL - FINISHED FLOOR LEVEL
RL - RELATIVE LEVEL
GL - GROUND LEVEL

**SITE SETOUT NOTES:**

- SITE CHECK AND VERIFY LEVELS AND BUILDING SETOUTS BEFORE STARTING WORKS.
- BUILDING SETOUT AND FLOOR LEVELS SHALL BE ACCURATELY ESTABLISHED BY A REGISTERED SURVEYOR.
- PEG OUT SITE, TO SETOUT PROPOSED BUILDING.
- EXCAVATE MATERIALS AS INSTRUCTED BY CONTRACTOR.
- REMOVE ANY EXCAVATED MATERIALS AS INSTRUCTED BY CONTRACTOR.

CONTOURS SHOWN DEPICT THE TOPOGRAPHY. EXCEPT AT SPOT LEVELS SHOWN THEY, DO NOT REPRESENT THE EXACT LEVEL AT ANY PARTICULAR POINT.

**PLUMBING AND DRAINAGE NOTES:**

THE INSTALLATION OF ALL PLUMBING FITTINGS AND ASSOCIATED WASTE PIPES MUST COMPLY WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY AND THE PLUMBING AND DRAINAGE REGULATIONS. THE CONTRACTOR MUST ENSURE THAT THE INTENDED PLUMBING AND DRAINAGE SYSTEM SHOWN HERE FUNCTIONS AND ,MEETS THE NZ BUILDING CODE REQUIREMENTS.

THE SUB CONTRACTOR IS TO ENSURE THAT ALL THE FITTINGS SPECIFIED ARE SUITABLE FOR THEIR INTENDED USE AND WILL OPERATE TO AN ACCEPTABLE STANDARD. NO VARIATIONS WILL BE ACCEPTED FOR PLUMBING INSTALLATIONS THAT DO NOT FUNCTION PROPERLY. ALLOW TO SUPPLY AND DELIVER FITTINGS TO SITE.

ALL PLUMBING AND DRAINAGE SHALL BE CARRIED OUT BY A REGISTERED TRADESPERSON STRICTLY IN ACCORDANCE WITH THE RELEVANT ACT/STANDARD INCLUDING NZS/AS 3500.2.2-2018, BS 1224, NZS 1387, NZS 7652, PLUMBERS GAS-FITTERS AND DRAIN-LAYERS ACT 1976 AND TO BE THE REQUIREMENTS OF THE TERRITORIAL AUTHORITY IN ORDER THE COMPLY WITH THE BUILDING CODE.

ALL DRAINS OR WASTES IN/BELOW SLAB SHALL BE SLEEVED UPVC PIPES OR COPPER WRAPPED IN DENSO TAPE. RUN PIPES IN STRAIGHT LINES FROM THE FIXTURE TO THE EXTERIOR OF THE BUILDING/OR INTO GULLY TRAP. PROVIDE CLEANING EYES AT JUNCTIONS.

ALL PIPES TO BE CONNECTED IN WALLS, FLOORS, CEILINGS OR DUCTS. NO PIPES ARE TO BE EXPOSED UNLESS SHOWN OTHERWISE. ALL DOWNPIPES TO BE 80mm DIA. 0.55G GALV, COLOUR STEEL UNLESS OTHERWISE NOTED.

REQUIREMENTS FOR VENTING AND AIR ADMITTANCE VALVES, ALL TO RELEVANT STANDARDS.
RODDING AND INSPECTION POINTS TO BE LOCATED AS REQUIRED.

CONFIRM WITH ARCHITECT LOCATIONS OF ALL FITTINGS PRIOR TO COMMENCEMENT OF WORK.

BASINS AND SINKS TO HAVE 40mm DIA. WASTE PIPES, OUTLETS, TRAPS AND WASTE PIPES UNLESS NOTED OTHERWISE.

SHOWERS TO HAVE 100mm DIA. WASTE PIPES, OUTLETS, TRAPS AND WASTE PIPES, UNLESS NOTED OTHERWISE.

STORMWATER DRAINS TO BE 150mm DIA. (UNLESS OTHERWISE NOTED)

MAX. DISTANCE FWG TO UNTRAPPED FIXTURE = 1.2m MAX.
DISTANCE FWG TO TRAPPED FIXTURE = 2.5m
MIN. FALL 100mm DIA. SANITARY PIPES = 1 IN 60
MIN. FALL 100-225mm DIA. STORMWATER PIPES = 1 IN 100
MIN. FALL 65, 50, 40mm DIA. SANITARY PIPES = 1 IN 40

ALL PIPES UNDER FLOOR SLABS SHALL BE LAID IN A CORRECTLY EXCAVATED TRENCH WITH CORRECT FALL IN APPROVED BEDDING MATERIAL BACKFILL AND COMPACTION SHALL BE TO THE APPROVAL OF THE STRUCTURAL ENGINEER AND THE TERRITORIAL AUTHORITY MIN. 25mm CLEARANCE TO BE ACHIEVED BETWEEN THE UNDERSIDE OF ANY SLAB/SOFFIT OF PIPE.

ALL DRAINAGE STACKS TO BE ACOUSTICALLY ISOLATED AND ACCOUSTICALLY BOXED AS PER THE SPECIFICATION.
ALL HOT WATER PIPEWORK TO BE COPPER TUBE, HOT WATER PIPES TO BE INSULATED WITH PERFORMED FIBREGLASS PIPE SECTIONS.
MAIN COLD WATER PIPE TO BE 20 DIA. WITH ALL SUB BRANCHES 15 DIA. ALL BRANCHES 20 DIA. TO HWC.

ALL SHOWER WASTES SHALL HAVE EASY CLEAN TRAPS OR FWG TRAPS. ENSURE ADEQUATE WATER PROOFING IS PROVIDED AROUND SHOWER BASE AND INTO OUTLET. PROVIDE STAINLESS STEEL WASTES. ALL WASTES SHALL BE INSULATED FOR SOUND. WASTES DISCHARGING INTO FWG ARE NOT TO BE DIRECTLY OPPOSITE ANY OTHER WASTE PIPE.

PLUMBING AND DRAINAGE LEGEND:

WC - WATER CLOSET
V - VENT
BTH - BATH
FWG - FLOOR WASTE GULLY
S - SINK
WHB - WASH HAND BASIN
TUB - LAUNDRY TUB
WM - WASHING MACHINE
SHR - SHOWER
ORG - OVERFLOW RELIEF GULLY
SS - SANITARY SEWER
SW - STORMWATER
DP - DOWN PIPE
GT - GULLY TRAP
RWH - RAIN WATER HEAD

100mm DIA. STORMWATER LINE
100mm DIA. SANITARY SEWER LINE - COIL DRAIN/SURFACE WATER COLLECTION

**ELECTRICAL LEGEND:**

ALL ELECTRICAL FITTINGS, OUTLET AND WIRING TO COMPLY WITH NZ STANDARDS AND REGULATIONS, REFER TO PROJECT SPECIFICATION.

**PLAN NOTES:**

DIMENSIONS FROM GRID LINES TAKE PRECEDENCE OVER OTHER DIMENSIONS. WHERE CONFLICT ON SITE ARISES THE ARCHITECT IS TO BE NOTIFIED.

ALL SETOUT DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCEMENT OF SITE WORK.

SPATIAL DIMENSIONS ARE INTERNAL AND USE A NORMAL WALL THICKNESS OF 100mm

UNLESS NOTED OTHERWISE DOORS ARE TO BE 75mm FROM HINGED WALL OR CENTRED ON CORRIDOR. PROVIDE ADEQUATE NOGS TO SUPPORT ALL HARDWARE.

TIMBER FRAMING IS NORMINALLY 90X45 UNLESS SPECIFIED OTHERWISE.

THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE ENGINEERS DRAWINGS AND SPECIFICATION.

**STEEL NOTES:**

ALL STEEL WORK TO HAVE AS/NZS 2312 SYSTEM SPECIFICATION ALK 1.

BLOCKWORK NOTE:

REFER TO ENGINEERS DETAILS FOR ALL EXPANSION JOINTS
REFER ENGINEERS DETAILS FOR ALL CONNECTIONS BETWEEN STEEL AND BLOCK-WORK.
REFER ENGINEERS DETAILS FOR ALL REINFORCING

**DOOR & WINDOW SCHEDULE LEGEND:**

ALL GLAZING TO BE LAMINATED SAFTEY GLASS.

ALL GLASS WIDTHS TO BE NOMINATED BY GLAZING MANUFACTURER.

REFER TO ARCHITECTURAL DETAILS FOR FINAL JOINERY APPEARANCE.

ALL DIMENSIONS ARE TO BE CONFIRMED ON SITE PRIOR TO JOINERY MANUFACTURE.

ALL JOINERY SHOWN ON WINDOW SCHEDULE IS EXTERIOR. ALL JOINERY ON DOOR SCHEDULE IS INTERNAL.

F - FIXED GLASS
O - OPAQUE LAMINATED SAFTEY GLASS

REFER TO PLANS FOR ALLOCATED DOOR NUMBERS.

ALL WORK SHALL BE IN STRICT ACCORDANCE WITH THE BUILDING ACT 2004, BUILDING REG. 2004 AND THE NEW ZEALAND BUILDING CODE HANDBOOK AND APPROVED DOCUMENTS.

THIS NOTE TAKES PRECEDENCE OVER ALL OTHER INFORMATION PROVIDED.

ALL CONTRACTORS SHALL PROVIDE AND ALLOW FOR IN THEIR TENDER PRICE, ANY ADDITIONAL WORK , ETC. THAT MAY BE NECESSARY TO COMPLY WITH THE ABOVE CLAUSES. NO ADDITIONAL PAYMENT SHALL BE MADE TO MEET THESE REQUIREMENTS.

ALL MATERIALS SHALL BE FIXED IN STRCIT ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS AND DETAILS. IF IN DOUBT CONFIRM WITH THE MANUFACTURER.

THE BUILDING CONTRACTOR SHALL READ ALL FO THE CONDITIONS OF THE BUILDING CONSENT AND COMPLY WITH SUCH.

**WINDOW DETAILS NOTE:**

APPROVED BUILDING WRAP DRESSED INTO OPENING WITH FLEXIBLE FLASHING TAPE INSTALLED OVER WRAP. BRING APPROVED BUILDING WRAP OVER HEAD FLASHING.

5mm GAP BETWEEN HEAD FLASHINGS AND CLADDING AS INDICATED ON DETAILS.

ALL HEAD FLASHINGS AT 15 DEGREES AND PROVIDE 10mm MIN COVER TO JOINERY UNITS, AS INDICATED ON DETAILS.

100mm MIN UPSTANDS AT BOTH ENDS OF ALL SILL FLASHING.
ALL SHIMMING TO LEVEL AND SUPPORT JOINERY UNITS.

PROVIDE AIR SEAL TO ALL JOINERY UNITS AS INDICATED ON DETAILS.

SILL FLASHING WITH 5 DEGREES MIN FALL AND HEM TO BACK EDGE TO LINE WITH BACK OF WINDOW FRAME.

ENSURE DRAINAGE OF ALL WINDOW CHANNELS TO EXTERIOR WALL.

**ROOF DETAILS NOTE:**

ALL ROOFING PRODUCTS TO BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURERS SPECIFICATION.

**SILT CONTROL NOTE:**

THE SILT CONTROL MEASURES ARE ALSO UNDER A SEPARATE CONTRACT BUT AN ALLOWANCE MUST BE MADE TO MAINTAIN THESE CONTROLS DURING CONSTRUCTION AND TE REMOVAL OF ALL THESE CONTROLS AT THE END FO THE BUILDING CONTRACT.

**SUMMARY OF HAMILTON COUNCIL'S TYPICAL BUILDING CONSENT CONDITIONS:**

PLEASE BE AWARE THAT THIS IS ONLY A SUMMARY OF THE COUNCIL REQUIREMENTS. IT IS THE RESPONSIBILITY OF ALL SUBCONTRACTORS AND CONSULTANTS TO READ THE AUCKLAND COUNCILS BUILDING CONSENT CONDITIONS WHICH ARE AVAILABLE ON SITE.

WINDOWS:
SHOP DRAWINGS ARE REQUIRED
PS3 TO INCLUDE FLASHINGS, WEATHER TIGHTNESS PERFORMANCE FOR THE SITE WIND ZONE

HVAC:
PS3
TO SHUT DOWN AN ALARM ACTIVATION
AS BUILT PLANS AND COMMISSIONING RESULTS

FIRE ALARM:
PS3 FROM THE INSTALLERS OF THE ALARM SYSTEM
FPIS CERTIFICATION

PLUMBING:
PS3
BACKFLOW PREVENTOR AND TEST CERTICIFICATE

ELECTRICAL :
PS3
ENERGY WORK CERTIFICATES
EMERGENCY LIGHTING

SURVEYOR:
CERTIFICATION OF THE FOLLOWING:
SETTING OUT OF FOUNDATIONS
FLOOR LEVELS

METAL CLADDING:
PS3 FROM THE LICENSED INSTALLER
PS3 CERTIFICATION/WARRANTY FROM THE MANUFACTURERE/SUPPLIER

BUILDER:
PS3 FOR THE TIMBER TREATMENT AND PROTIM FRAME SAVER APPLICATION TO CUT ENDS, HOLES, MACHINED, REBATED, RIPPED AND PLANED SURFACES

WATERPROOF MEMBRANE WET AREAS:
PS3 FROM THE LICENSED INSTALLER
PS3 CERTIFICATION/WARRANTY FROM THE MANUFACTURER/SUPPLIER

ENGINEER:
PS4 FROM GRAY CONSULTING ENGINEERS LTD FOR OBSERVATION OF STRUCTURAL STEEL BEAMS, COLUMNS AND FRAMES, CONCRETE FLOOR SLABS, STRUCTURAL STEEL ROOF AND CONNECTIONS

GEOTECH ENGINEER:
PS4 FROM ENGINEERING GEOLOGY LTD. CONFIRMING THAT CONDITIONS ARE COMPATIBLE WITH THE REPORT ASSUMPTIONS. OBSERVE EXCAVATIONS FOR PILES FOOTINGS & APPROVE FOOTING CONDITIONS

PRECAST CONCRETE:

PS3 & PS4 FROM HUTCHINSON CONSULTING ENGINEERS
CONTRACTOR TO NOTIFY HUTCHINSON'S 3 DAYS IN ADVANCE WHEN PANELS WILL BE READY FOR PRE-POUR INSPECTION.

WEATHERPROOFING PRECAST PANEL:
PS3 FROM THE LICENSED INSTALLER
PS3 CERTIFICATION/WARRANTY OF THE PRODUCTS USED FROM THE JOINT MANUFACTURER SUPPLIER

FIRE ENGINEER:
PS4 FROM FIRE DESIGNS LTD. CERTIFYING THAT THE SYSTEMS HAVE BEEN INSTALLED AND COMPLY. COMMISNING TEST RESULTS.
CERTIFICATION OF ALL FIRE DESIGN REQUIREMENTS

WARERHOUSE FLOOR SLAB:
CONTRACTOR MUST BE PROVIDED PS1 DESIGN, PS2 DESIGN REVIEW, PS3 CONSTRUCTION & PS3 CONSTRUCTION REVIEW.

THE ABOVE ARE IN ADDITION TO THE NORMAL REQUIREMENTS OF EACH SUBCONTRACTOR AND IN NO WAY REDUCES THE INFORMATION, CERTIFICATES, PRODUCER STATEMENTS , ETC. THAT EACH SUBCONTRACTOR MUST PROVIDE TO THE MAIN CONTRACTOR TO OBTAIN CODE OF COMPLIANCE CERTIFICATE.

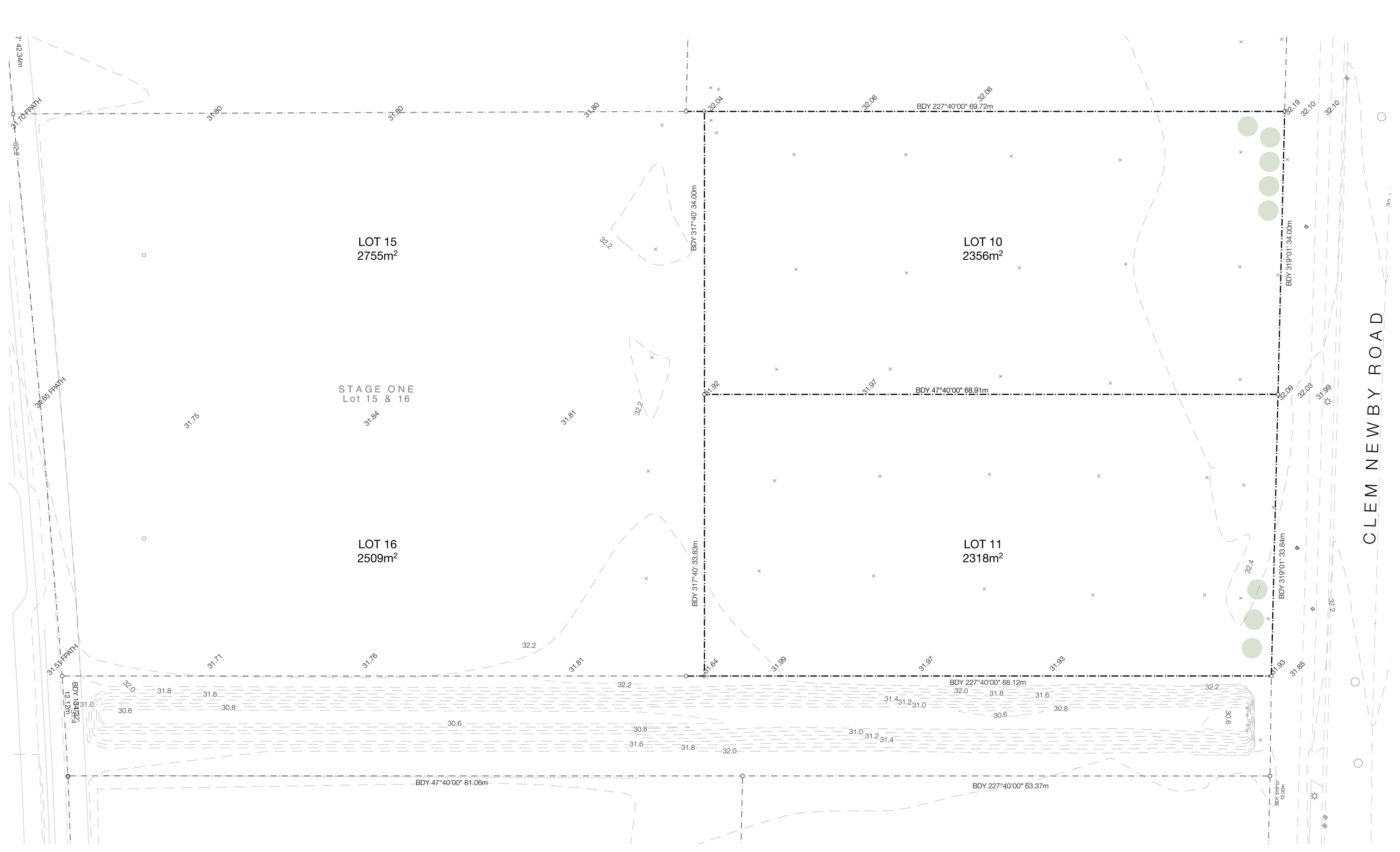
ALL CONTRACTORS SHALL PROVIDE AND ALLOW FOR IN THEIR TENDER PRICE, ANY ADDITIONAL WORK ETC. THAT MAY BE NECESSARY TO COMPLY WITH THE REFERENCED CLAUSES IN THIS DOCUMENTATION SET. NO ADDITIONAL PAYMENT SHALL BE MADE TO MEET THESE REQUIREMENTS.

ALL MATERIALS SHALL BE FIXED IN STRICT ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS AND DETAILS. IF IN DOUBT, CONFIRM WITH THE MANUFACTURER.

THE MAIN CONTRACTOR SHALL READ AND COMPLY WITH ALL CONSENT CONDITIONS.

**SUN SCREEN NOTE:**

SELECTED SUN SCREENS AS NOMINATED OR EQUAL APPROVED.




**FOR CONSTRUCTION ISSUE**

NOTE:
It is the responsibility of the contractor to verify all dimensions on site prior to commencing all work. The contractor is to ensure that all work complies with the New Zealand Building Code, all ammendments thereof and all relevant New Zealand Standards. All proprietry items and materials shall be fixed and applied in strict accordance with manufacturers specifications. **TAYLORED** architecture & environments Ltd under no circumstances accepts responsibility for payment of any products or services specified.

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| ISSUE: | DATE: |
|---|---|
| C01 | 25/06/19 |

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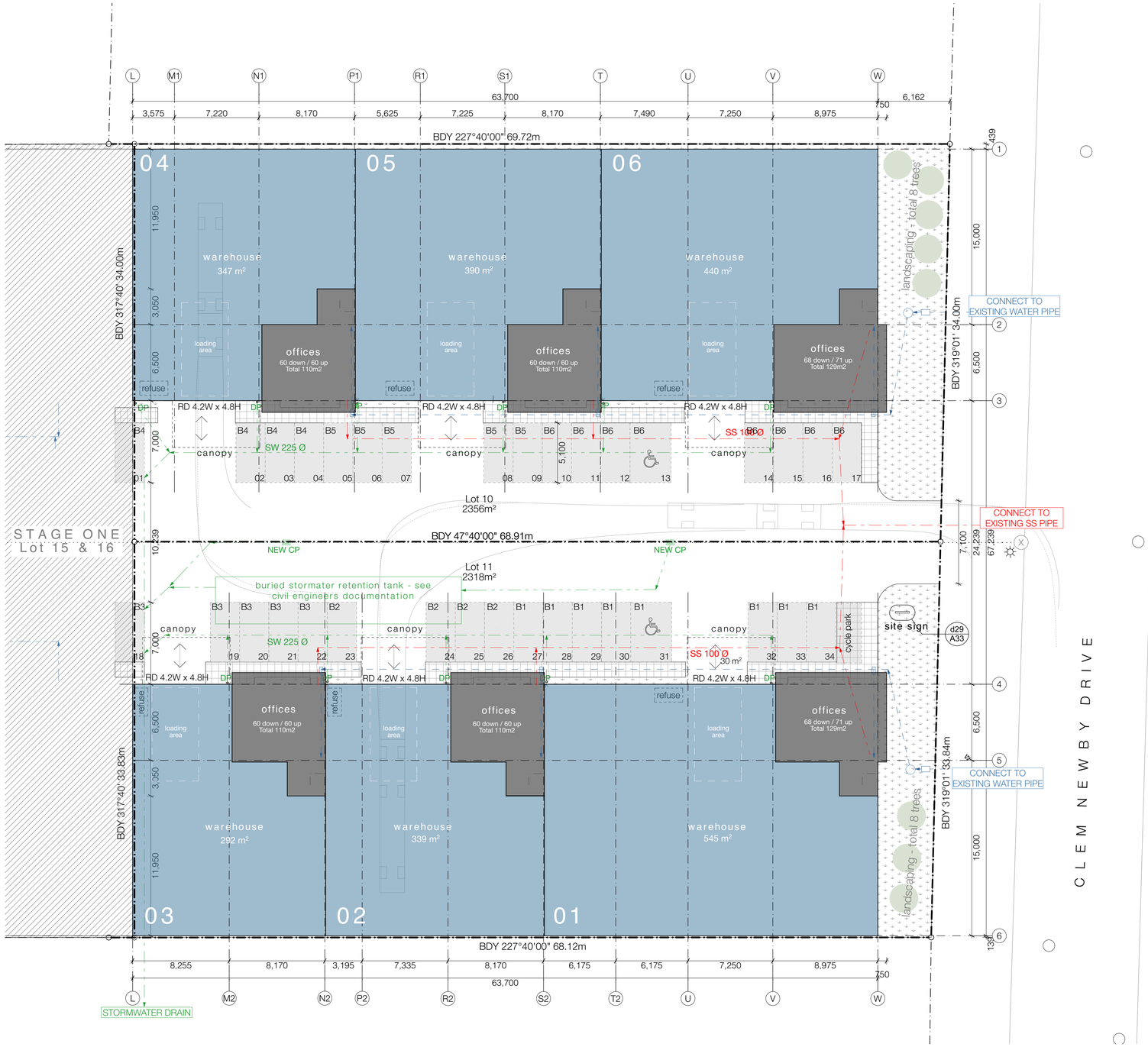
PROJECT:
Te Rapa Stage 2
CLIENT: Fosters Construction
SITE: Te Rapa Industrial Park, Hamilton

NORTH

DRAWING TITLE:
EXISTING SITE SURVEY PLAN

| PROJECT REF: | |
|---|---|
| T0424 TE RAPA S2 | |
| DATE: 25/06/19 | SCALE: 1:200 @ A1 |
| SHEET: A01 | REV: C01 |




**PROPERTY INFORMATION:**

Subdivision:
Te Rapa Gateway Industrial Park,
Hamilton

Lot 10, Clem Newby Drive
site area: 2356m²
Lot 11, Clem Newby Drive
site area: 2318m²

**total area: 4674m²**

**COVERAGE SUMMARY:**

| | | |
|---|---|---|
| buildings: | 2,793m²/ | 60% |
| canopies: | 180m²/ | 4% |
| soft landscape: | 368m²/ | 8% |
| hard landscape: | 107m²/ | 2% |
| impermeable: (vehicle circulation) | 1226m²/ | 26% |

site contours
proposed water line
proposed SW line
proposed SS line

**CAR PARKING:**

2 accessible
32 car parks
total: 34 car parks

| | |
|---|---|
| Building 01 | = 8 parks |
| Building 02, 04 | = 4 parks |
| Building 03, 05 | = 5 parks |
| Building 06 | = 8 parks |

**NOTE:**
refer to civil engineers documentation for all site levels, civil design, and information beyond the line of the buildings.
all concrete party walls to be a minimum 150mm off the legal boundary.

NOTE:
It is the responsibility of the contractor to verify all dimensions on site prior to commencing all work. The contractor is to ensure that all work complies with the New Zealand Building Code, all ammendments thereof and all relevant New Zealand Standards. All proprietry items and materials shall be fixed and applied in strict accordance with manufacturers specifications. **TAYLORED** architecture & environments Ltd under no circumstances accepts responsibility for payment of any products or services specified.

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**FOR CONSTRUCTION ISSUE**

PROJECT:
Te Rapa Stage 2
CLIENT: Fosters Construction
SITE: Te Rapa Industrial Park, Hamilton

NORTH

DRAWING TITLE:
PROPOSED SITE PLAN

| PROJECT REF: | |
|---|---|
| T0424 TE RAPA S2 | |
| DATE: 25/06/19 | SCALE: 1:200 @ A1 |
| SHEET: A02 | REV: C01 |

## SITE WORKS KEY:

- asphalt
- Concrete paving - broom finish to match 'Stage 1'
- landscaping
- site contours
- proposed water line
- proposed SW line
- proposed SS line
- DP o proposed downpipe

## NOTE:

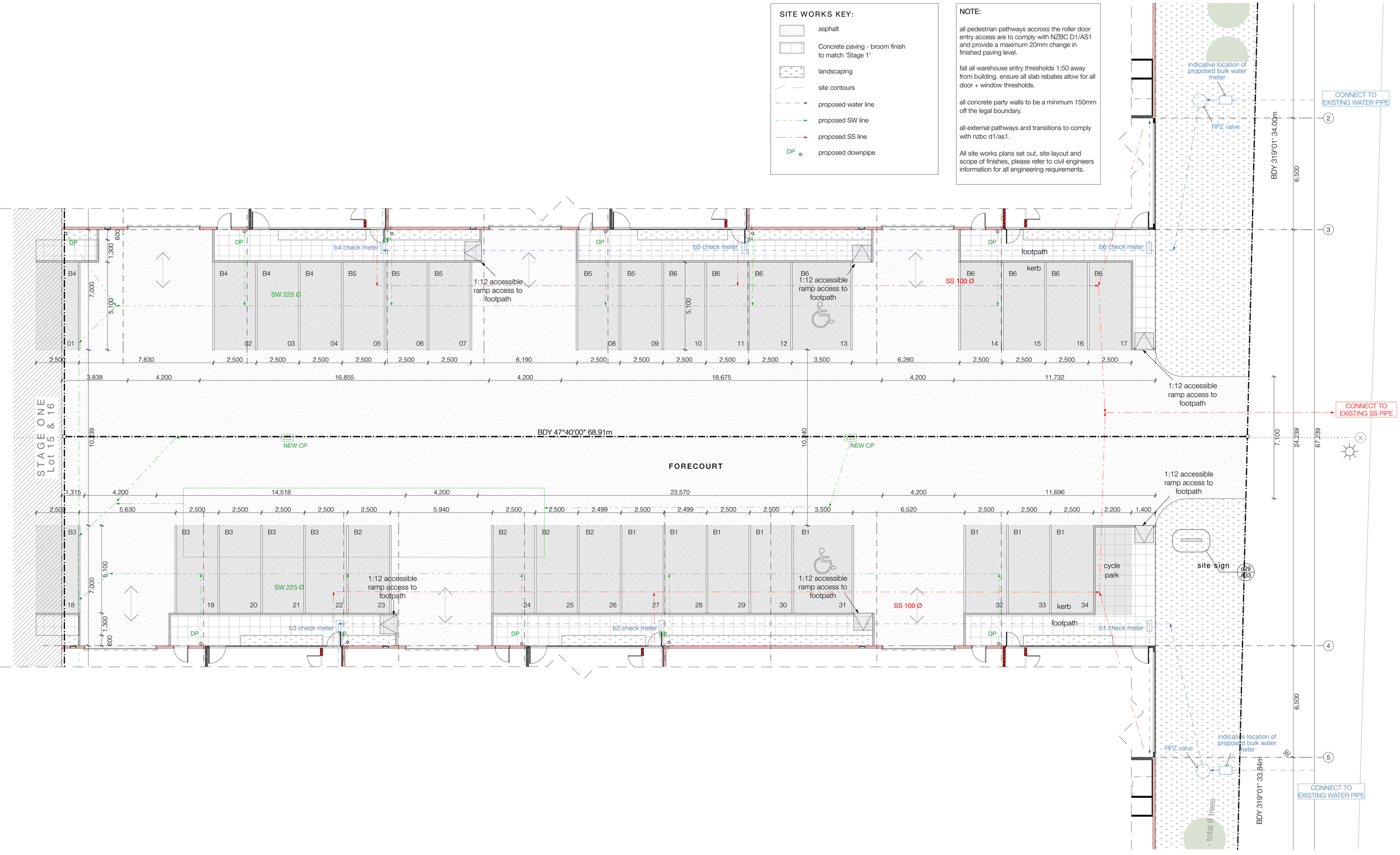
all pedestrian pathways accross the roller door entry access are to comply with NZBC D1/AS1 and provide a maximum 20mm change in finished paving level.

fall all warehouse entry thresholds 1:50 away from building. ensure all slab rebates allow for all door + window thresholds.

all concrete party walls to be a minimum 150mm off the legal boundary.

all external pathways and transitions to comply with nzbc d1/as1.

All site works plans set out, site layout and scope of finishes, please refer to civil engineers information for all engineering requirements.

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NOTE:
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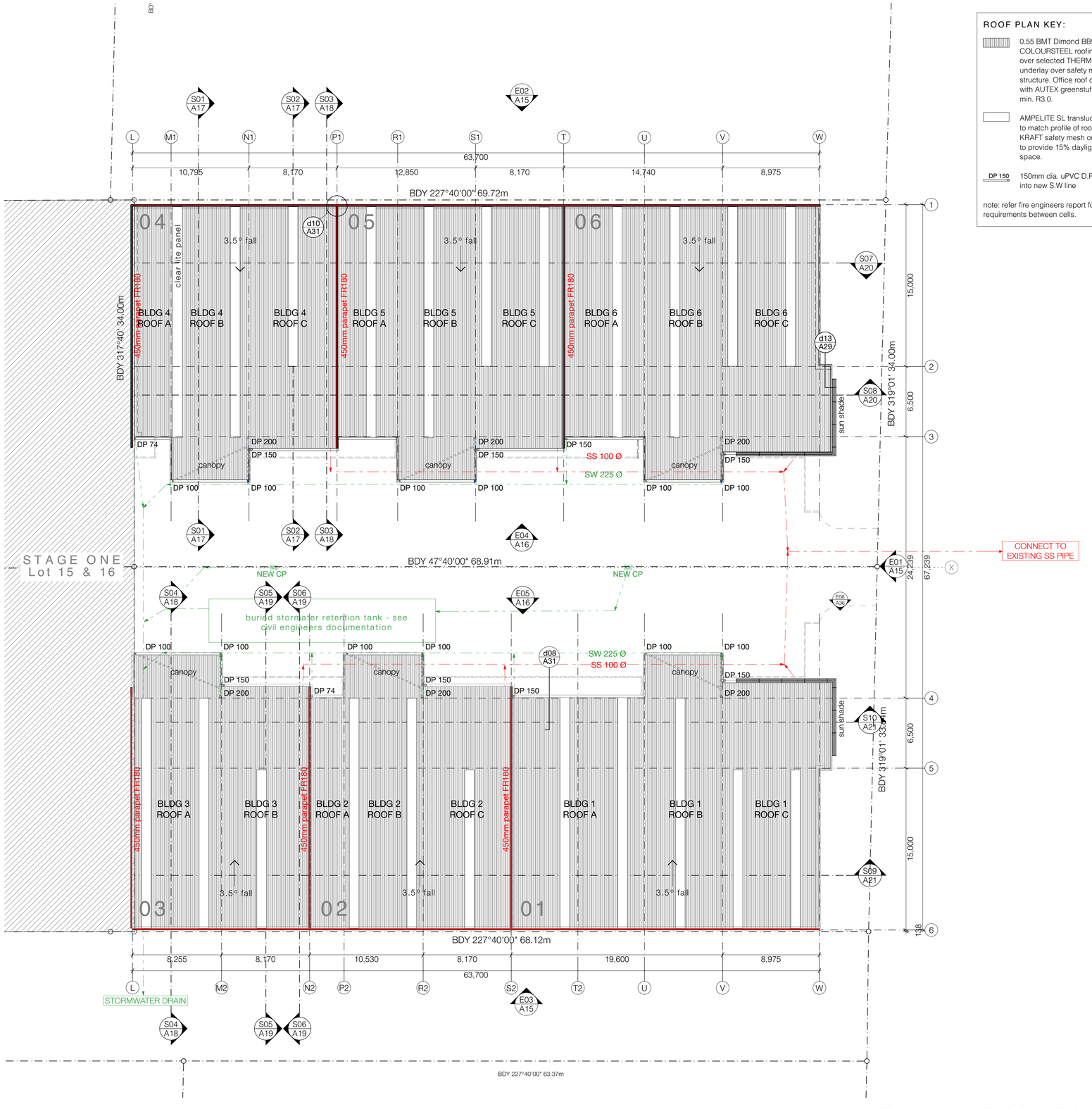
PROJECT:
Te Rapa Stage 2
CLIENT: Fosters Construction
SITE:Te Rapa Industrial Park, Hamilton

DRAWING TITLE:
PROPOSED SITE WORKS PLAN

| PROJECT REF: | |
|---|---|
| T0424 TE RAPA S2 | |
| DATE: 25/06/19 | SCALE: 1:100 @ A1 |
| SHEET: A03 | REV: C01 |




## ROOF PLAN KEY:

- 0.55 BMT Dimond BB900 profiled COLOURSTEEL roofing with ENDURA finish over selected THERMAKRAFT roofing underlay over safety mesh on roof structure. Office roof cavity insulated with AUTEX greenstuf insulation to achieve min. R3.0.
- AMPELITE SL translucent sheet roofing to match profile of roof fixed over THERMA-KRAFT safety mesh on roof structure - to provide 15% daylighting to warehouse space.
- DP 150 — 150mm dia. uPVC D.P to be connected into new S.W line

note: refer fire engineers report for all fire rating requirements between cells.

## ROOF CALCULATIONS:

### BUILDING 01

ROOF A
roof area: 261m²
min. ext gutter cross sectional area: 22,000mm²
min. gutter: 175 box gutter
1 x D.P: 150 dia

ROOF B
roof area: 190m²
min. ext gutter cross sectional area: 17,500mm²
min. gutter: 175 box gutter
2 x D.P: 100 dia

ROOF C
roof area: 213m²
min. ext gutter cross sectional area: 18,500mm²
min. gutter: 175 box gutter
1 x D.P: 150 dia

### BUILDING 02

ROOF A
roof area: 65m²
min. ext gutter cross sectional area: 7,000mm²
min. gutter: 125 box gutter
1 x D.P: 74 dia

ROOF B
roof area: 190m²
min. ext gutter cross sectional area: 17,500mm²
min. gutter: 175 box gutter
2 x D.P: 100 dia

ROOF C
roof area: 181m²
min. ext gutter cross sectional area: 17,000mm²
min. gutter: 175 box gutter
1 x D.P: 150 dia

### BUILDING 03

ROOF A
roof area: 213m²
min. ext gutter cross sectional area: 18,500mm²
min. gutter: 175 box gutter
2 x D.P: 100 dia

ROOF B
roof area: 181m²
min. ext gutter cross sectional area: 17,000mm²
min. gutter: 175 box gutter
1 x D.P: 150 dia

### BUILDING 04

ROOF A
roof area: 76m²
min. ext gutter cross sectional area: 8,000mm²
min. gutter: 125 box gutter
1 x D.P: 74 dia

ROOF B
roof area: 190m²
min. ext gutter cross sectional area: 17,500mm²
min. gutter: 175 box gutter
2 x D.P: 100 dia

ROOF C
roof area: 181m²
min. ext gutter cross sectional area: 17,000mm²
min. gutter: 175 box gutter
1 x D.P: 150 dia

### BUILDING 05

ROOF A
roof area: 118m²
min. ext gutter cross sectional area: 12,000mm²
min. gutter: 175 box gutter
1 x D.P: 100 dia

ROOF B
roof area: 190m²
min. ext gutter cross sectional area: 17,500mm²
min. gutter: 175 box gutter
2 x D.P: 100 dia

ROOF C
roof area: 181m²
min. ext gutter cross sectional area: 17,000mm²
min. gutter: 175 box gutter
1 x D.P: 150 dia

### BUILDING 06

ROOF A
roof area: 158m²
min. ext gutter cross sectional area: 15,000mm²
min. gutter: 175 box gutter
1 x D.P: 150 dia

ROOF B
roof area: 190m²
min. ext gutter cross sectional area: 17,500mm²
min. gutter: 175 box gutter
2 x D.P: 100 dia

ROOF C
roof area: 213m²
min. ext gutter cross sectional area: 18,500mm²
min. gutter: 175 box gutter
1 x D.P: 150 dia

**FOR CONSTRUCTION ISSUE**

NOTE:
It is the responsibility of the contractor to verify all dimensions on site prior to commencing all work. The contractor is to ensure that all work complies with the New Zealand Building Code, all ammendments thereof and all relevant New Zealand Standards. All proprietry items and materials shall be fixed and applied in strict accordance with manufacturers specifications. **TAYLORED** architecture & environments Ltd under no circumstances accepts responsibility for payment of any products or services specified.

CLIENTS: TE RAPA GATEWAY / FOSTER CONSTRUCTION

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| C01 | 25/06/19 |

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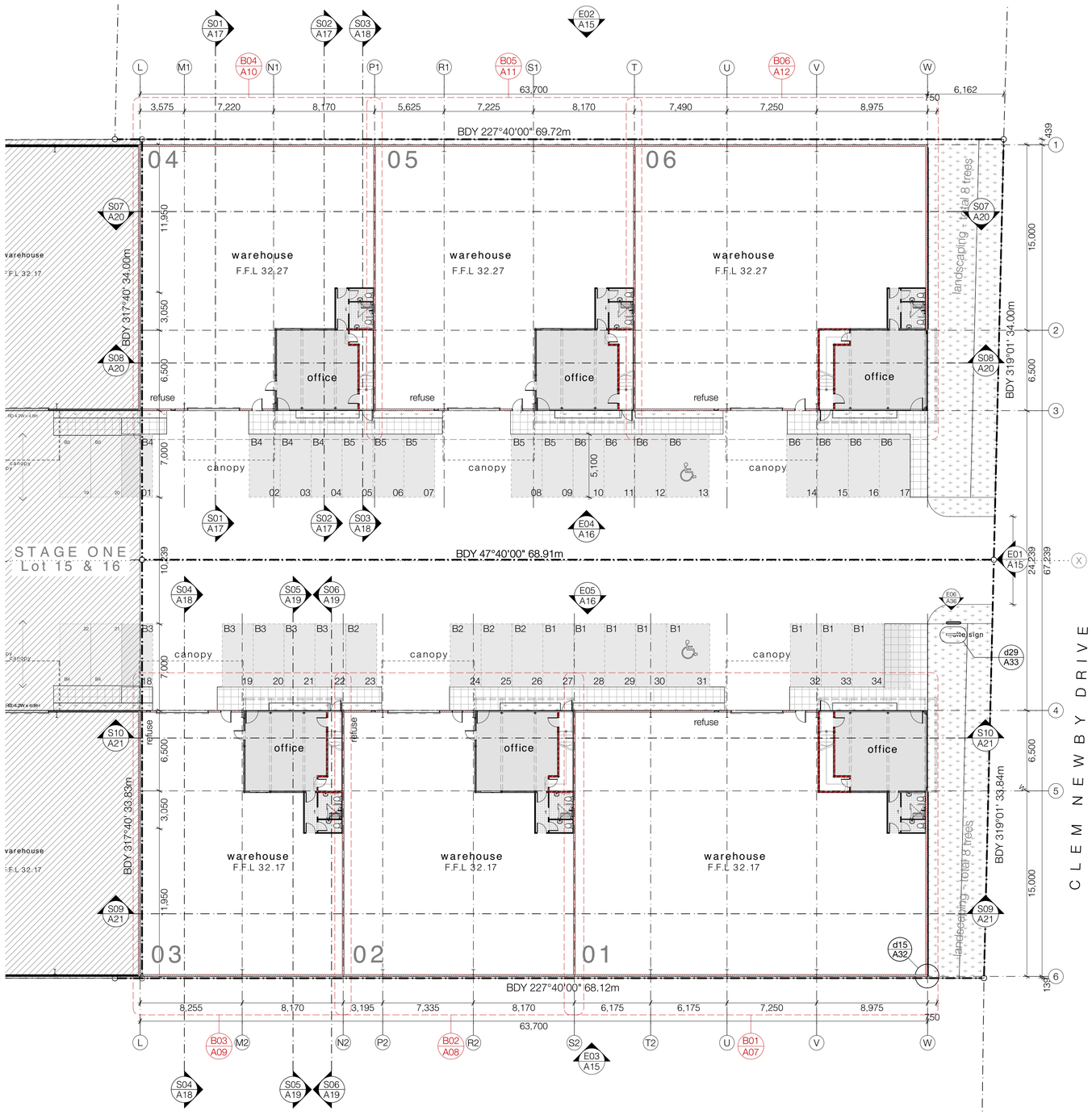
PROJECT: Te Rapa Stage 2
CLIENT: Fosters Construction
SITE: Te Rapa Industrial Park, Hamilton

NOT FOR CONSTRUCTION

DRAWING TITLE: PROPOSED ROOF + DRAINAGE PLAN

PROJECT REF: T0424 TE RAPA S2

| DATE: | SCALE: |
|---|---|
| 25/06/19 | 1:200 @ A1 |
| SHEET: A04 | REV: C01 |




Ground Floor GIA Summary:

| | |
|---|---|
| **BUILDING 01** | |
| warehouse | 534 m² |
| office | 58 m² |
| amenities | 12 m² |
| **BUILDING 02** | |
| warehouse | 331 m² |
| office | 50 m² |
| amenities | 12 m² |
| **BUILDING 03** | |
| warehouse | 284 m² |
| office | 50 m² |
| amenities | 12 m² |
| **BUILDING 04** | |
| warehouse | 339 m² |
| office | 50 m² |
| amenities | 12 m² |
| **BUILDING 05** | |
| warehouse | 381 m² |
| office | 50 m² |
| amenities | 12 m² |
| **BUILDING 06** | |
| warehouse | 431 m² |
| office | 58 m² |
| amenities | 12 m² |

NOTE:

all water check meters to be located within garden berms out front of building.

all pedestrian pathways accross the roller door entry access are to comply with NZBC D1/AS1 and provide a maximum 20mm change in finished paving level.

fall all warehouse entry thresholds 1:50 away from building. ensure all slab rebates allow for all door + window thresholds.

all concrete party walls to be a minimum 150mm off the legal boundary.

refer civil engineers design documentation for all information beyond the external line of the buildings.

all external pathways and transitions to comply with nzbc d1/as1

**FOR CONSTRUCTION ISSUE**

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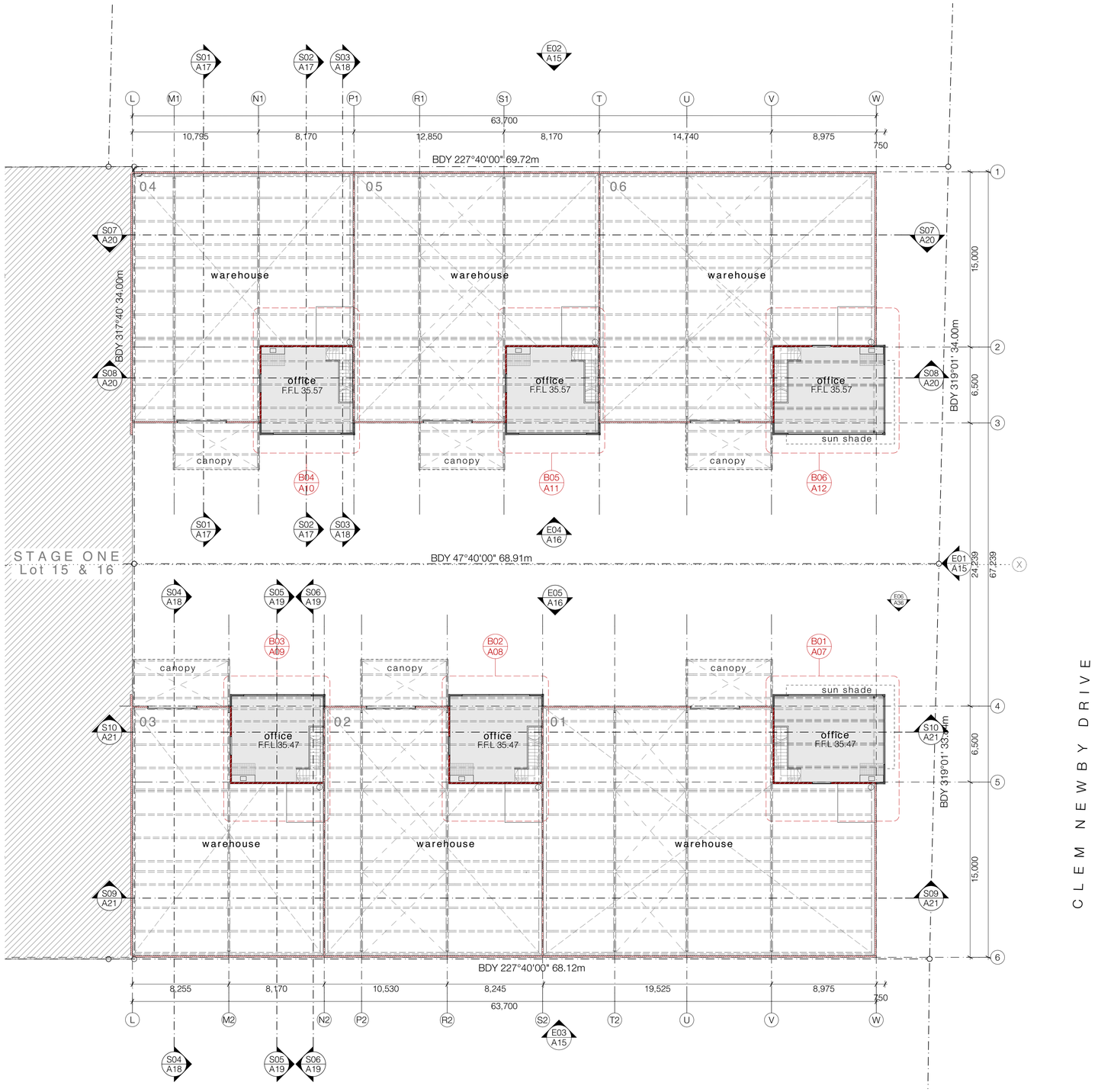
PROJECT:
Te Rapa Stage 2
CLIENT: Fosters Construction
SITE: Te Rapa Industrial Park, Hamilton

DRAWING TITLE:
PROPOSED GROUND FLOOR PLAN

| PROJECT REF: | |
|---|---|
| T0424 TE RAPA S2 | |
| DATE: 25/06/19 | SCALE: 1:200 @ A1 |
| SHEET: A05 | REV: C01 |




CLEM NEWBY DRIVE

First Floor GIA Summary:

**BUILDING 01**
office 65.5 m²
stairs 5.5 m²

**BUILDING 02**
office 54.5 m²
stairs 5.5 m²

**BUILDING 03**
office 54.5 m²
stairs 5.5 m²

**BUILDING 04**
office 54.5 m²
stairs 5.5 m²

**BUILDING 05**
office 54.5 m²
stairs 5.5 m²

**BUILDING 06**
office 65.5 m²
stairs 5.5 m²

**FOR CONSTRUCTION ISSUE**

NOTE:
It is the responsibility of the contractor to verify all dimensions on site prior to commencing all work. The contractor is to ensure that all work complies with the New Zealand Building Code, all ammendments thereof and all relevant New Zealand Standards. All proprietry items and materials shall be fixed and applied in strict accordance with manufacturers specifications. **TAYLORED** architecture & environments Ltd under no circumstances accepts responsibility for payment of any products or services specified.

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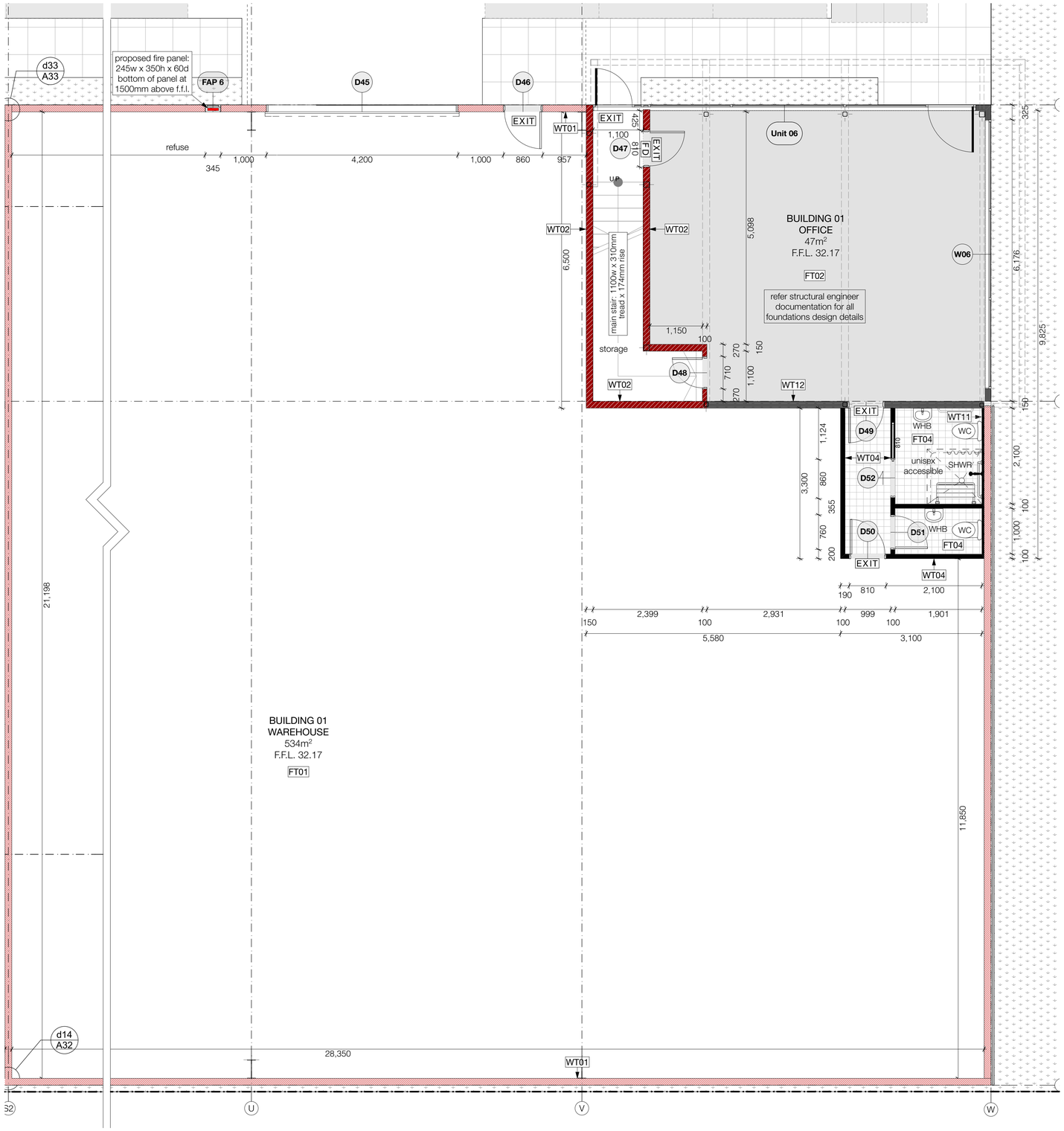
PROJECT:
Te Rapa Stage 2
CLIENT: Fosters Construction
SITE: Te Rapa Industrial Park, Hamilton

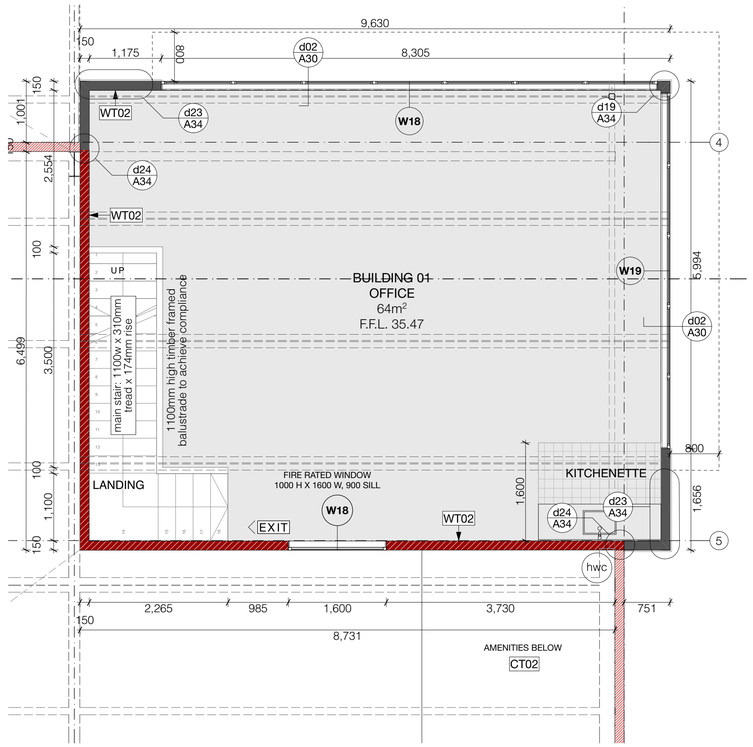
NORTH

DRAWING TITLE:
PROPOSED FIRST FLOOR PLAN

| PROJECT REF: | |
|---|---|
| T0424 TE RAPA S2 | |
| DATE: 25/06/19 | SCALE: 1:200 @ A1 |
| SHEET: A06 | REV: C01 |




GROUND FLOOR PLAN - BUILDING 01
Scale1:50




FIRST FLOOR PLAN - BUILDING 01
Scale1:50

WALL TYPE KEY:

- 150mm thick concrete cast panel 180/180/180 fire walls
- 100mm thick internal GIB fyrline office 60/60/60 fire walls
- 140mm thick GIB fyrline office 60/60/60 fire walls
- 100mm thick internal GIB wall
- 140mm thick office wall
- 100mm thick 1100mm stair balustrade

**main notes**

**roof:**

RT01 Roof: 0.55 BMT Dimond BB900 profiled COLORSTEEL roofing with ENDURA finish over selected THERMAKRAFT COVERTEK 405 roofing underlay over safety mesh on roof structure. Office roof cavity insulated with AUTEX greenstuf insulation to achieve min. R3.0

RT02 External gutter: 0.55 BMT box gutter with COLORSTEEL ENDURA finish fixed with hidden brackets to manufacturers specification.

RT03 Parapet / apron roof flashings: 0.55 BMT machine folded flashings with COLORSTEEL ENDURA finish.

RT04 Warehouse roof skylight: AMPELITE SL translucent sheet roofing to match profile of roof fixed over THERMKRAFT AUSMESH safety mesh (galv. coated) on roof structure - to provide 15% daylighting to warehouse space.

RT05 Canopy Roof & Soffit: 0.55 BMT Dimond BB900 profiled COLORSTEEL roofing with ENDURA finish over roof structure and to underside of soffit to provide bird proofing.

**ceiling:**

CT01 Internal office ceiling: USG DONN DX suspended ceiling grid system with selected 1200x600 mineral fibre ceiling tiles SLT edged.

CT02 Internal ceiling: 13mm GIB AQUALINE ceiling lining fixed to ex75x40mm SG8 timber battens @ 600 crs on 140x45mm joists @ 450 crs covered with 19mm marine ply. Max load 1.5kPa.

CT03 Underside of stairs: 16mm GIB FYRLINE lining to underside of timber stair structure in accordance with GIB spec - GBFC60. FR 60/60/60 fire rated lining to extend through to fire rated wall structure

**walls:**

WT01 150mm FR 180/180/180 thick pre-cast concrete panel walls - refer structural and fire engineers documentation.

WT02 Office fire walls: FR 60/60/60 ex150x50 SG8 wall framing with studs at 300 centres lined with 13mm GIB FYRLINE lining to both sides in accordance with GIB specification - GBTL60. Walls to extend to underside of roof above.

WT03 external walls: ex150x50 SG8 wall framing with studs at 600 centres lined with 13mm standard GIB board inside in accordance with GIB specification - GBUW 15. Walls to extend to underside of roof above.

WT04 Internal walls: ex100x50 SG8 wall framing with studs at 600 centres lined with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. Where vinyl is continued up wall WPS water proofing membrane to be used in strict accordance with manufacturers specification. Face of office walls to warehouse finished with 9.5mm selected plywood to a height of 2.4m above finished floor level.

WT05 Office cladding: METALCRAFT KAHU cladding with COLORSTEEL ENDURA finish fixed vertically over 20mm cavity battens over COVERTEK 403 building wrap on ex150x50 SG8 wall framing with studs at 600 centres. Insulated cavity with AUTEX insulation min R2.5

WT06 Warehouse wall cladding: METALCRAFT KAHU cladding with COLORSTEEL ENDURA finish fixed horizontally over 20mm cavity battens over COVERTEK 403 building wrap on precast concrete panel walls.

WT07 Joinery: VANTAGE external window 125 FLUSHGLAZE suite in seismic frames with powder coated finish and Magnum door.

WT08 Joinery: VANTAGE 40 external window METRO suite with powder coated finish.

WT09 Roller door: METALBILT motorised roller shutter door powder coated finish on windsocks all with metal chain and manual back-up.

WT10 Horizontal sun screens: INSOL zenith AI sun screen with selected powdercoat finish. Refer manufacturers specifications for all fixings and structural information.

WT11 Internal strapped walls: ex50x50 SG8 timber strapping at 600 centres with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. AUTEX batt insulation to provide min. R2.5

WT12 Internal walls: ex150x50 SG8 wall framing with studs at 600 centres lined with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. Where vinyl is continued up wall WPS water proofing membrane to be used in strict accordance with manufacturers specification. Face of office walls to warehouse finished with 9.5mm selected plywood to a height of 2.4m above finished floor level.

**floors:**

FT01 Warehouse floor: 150mm thick reinforced concrete slab foundation on DPM and sand blinding on minimum 150mm thick compacted hard fill - refer structural engineers documentation for all structural information.

FT02 Office ground floor: 150mm thick reinforced concrete slab foundation on DPM and sand blinding on minimum 150mm thick compacted hard fill - refer structural engineer.

FT03 Office first floor: FRR 60/60/60 150mm thick Comflor - refer structural engineer.

FT04 Selected commercial grade vinyl flooring

**structural:**

ST01 Structural framing - refer structural engineer documentation for all structural detail.

**note:**

All materials, fittings, fixtures, and finishes to be established in strict accordance with manufactures specification.

This architectural documentation is to be read in conjunction with all specialist documentation and reports. Refer to engineering documentation for all engineering requirements.

**fire design requirements:**

All precast concrete panel walls to provide FR 180/180/180 (150 thick). Ground floor office to be fire rated and separate to the first floor fire cell - all fire rated FR 60/60/60. All supporting structure, stairs and underside of floors to be fire rated FR 60/60/60.

FD FD = fire door. Refer fire report for all fire design requirements.

W03 Window joinery - Refer D & W schedule

Refer finishes plans for floor, wall & ceiling finishes

NOTE:
It is the responsibility of the contractor to verify all dimensions on site prior to commencing all work. The contractor is to ensure that all work complies with the New Zealand Building Code, all ammendments thereof and all relevant New Zealand Standards. All proprietry items and materials shall be fixed and applied in strict accordance with manufacturers specifications. **TAYLORED** architecture & environments Ltd under no circumstances accepts responsibility for payment of any products or services specified.

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private bag 93010 new lynn auckland 0600


PROJECT: Te Rapa Stage 2

CLIENT: Fosters Construction
SITE: Te Rapa Industrial Park, Hamilton

**FOR CONSTRUCTION ISSUE**

DRAWING TITLE: PART PLANS - BUILDING 01

| PROJECT REF: T0424 TE RAPA S2 | |
|---|---|
| DATE: 25/06/19 | SCALE: 1:50 @ A1 |
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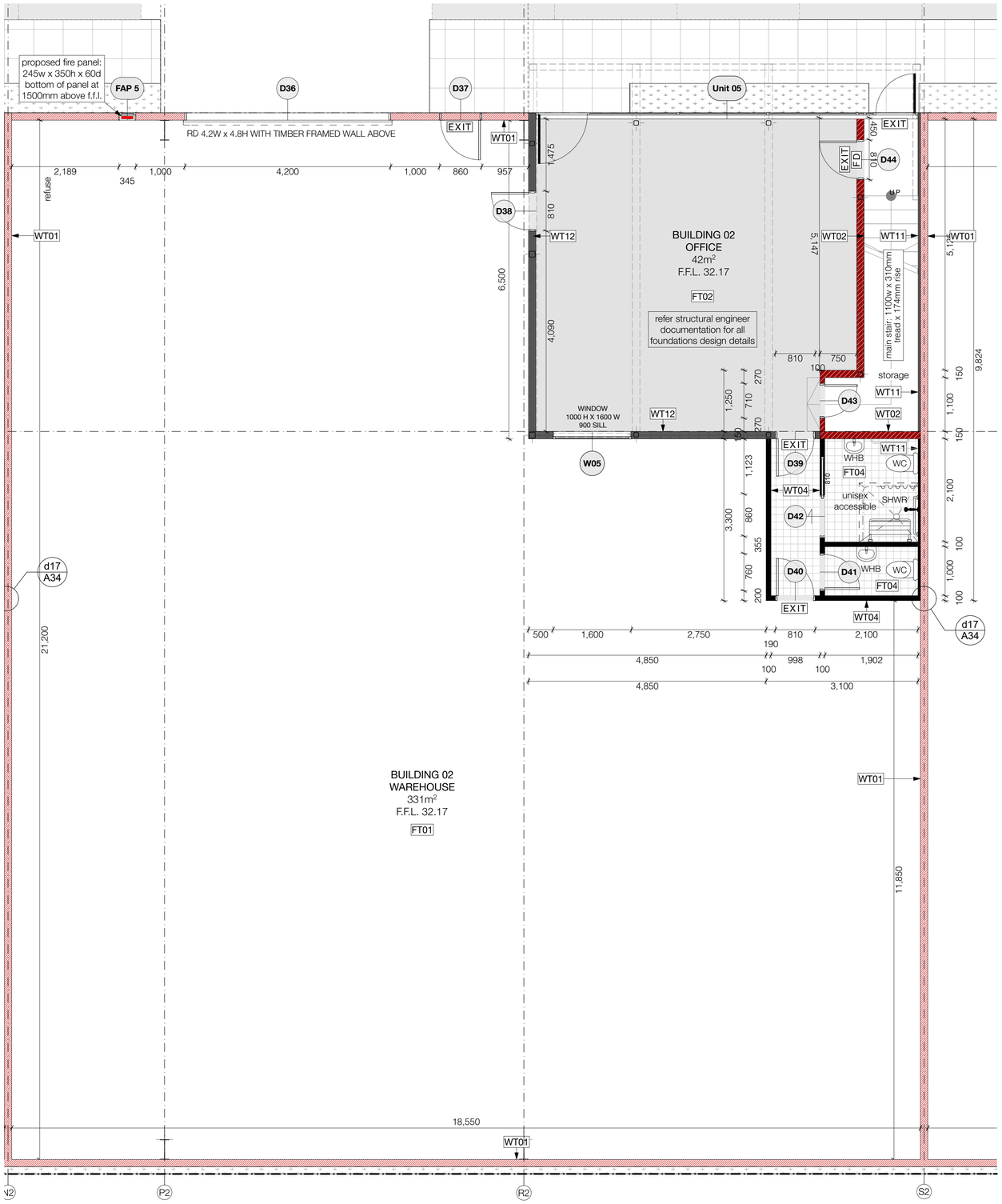
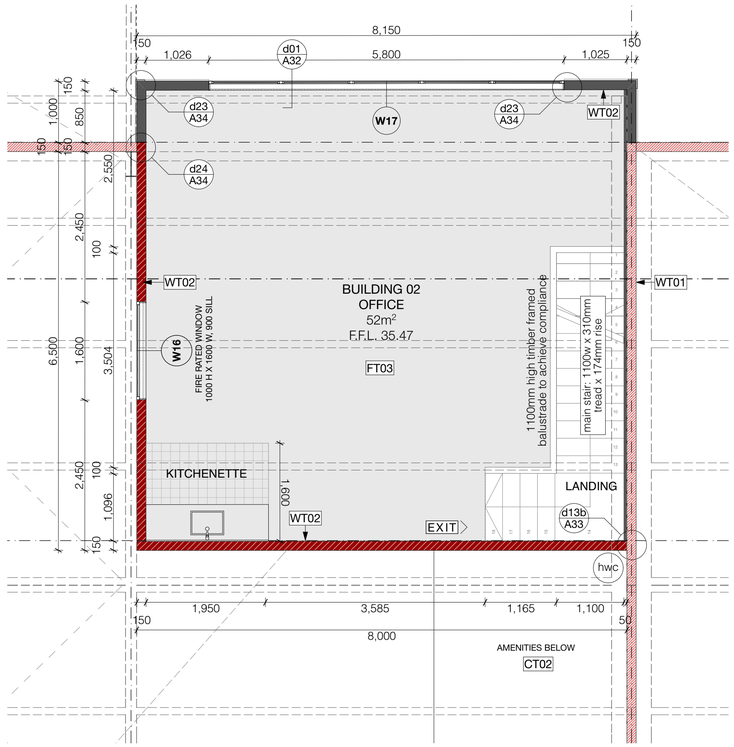



GROUND FLOOR PLAN - BUILDING 02
Scale1:50




FIRST FLOOR PLAN - BUILDING 02
Scale1:50

WALL TYPE KEY:

- 150mm thick concrete cast panel 180/180/180 fire walls
- 100mm thick internal GIB fyrline office 60/60/60 fire walls
- 140mm thick GIB fyrline office 60/60/60 fire walls
- 100mm thick internal GIB wall
- 140mm thick office wall
- 100mm thick 1100mm stair balustrade

**main notes**

**roof:**

RT01 Roof: 0.55 BMT Dimond BB900 profiled COLORSTEEL roofing with ENDURA finish over selected THERMAKRAFT COVERTEK 405 roofing underlay over safety mesh on roof structure. Office roof cavity insulated with AUTEX greenstuf insulation to achieve min. R3.0

RT02 External gutter: 0.55 BMT box gutter with COLORSTEEL ENDURA finish fixed with hidden brackets to manufacturers specification.

RT03 Parapet / apron roof flashings: 0.55 BMT machine folded flashings with COLORSTEEL ENDURA finish.

RT04 Warehouse roof skylight: AMPELITE SL translucent sheet roofing to match profile of roof fixed over THERMKRAFT AUSMESH safety mesh (galv. coated) on roof structure - to provide 15% daylighting to warehouse space.

RT05 Canopy Roof & Soffit: 0.55 BMT Dimond BB900 profiled COLORSTEEL roofing with ENDURA finish over roof structure and to underside of soffit to provide bird proofing.

**ceiling:**

CT01 Internal office ceiling: USG DONN DX suspended ceiling grid system with selected 1200x600 mineral fibre ceiling tiles SLT edged.

CT02 Internal ceiling: 13mm GIB AQUALINE ceiling lining fixed to ex75x40mm SG8 timber battens @ 600 crs on 140x45mm joists @ 450 crs covered with 19mm marine ply. Max load 1.5kPa.

CT03 Underside of stairs: 16mm GIB FYRLINE lining to underside of timber stair structure in accordance with GIB spec - GBFC60. FR 60/60/60 fire rated lining to extend through to fire rated wall structure

**walls:**

WT01 150mm FR 180/180/180 thick pre-cast concrete panel walls - refer structural and fire engineers documentation.

WT02 Office fire walls: FR 60/60/60 ex150x50 SG8 wall framing with studs at 300 centres lined with 13mm GIB FYRLINE lining to both sides in accordance with GIB specification - GBTL60. Walls to extend to underside of roof above.

WT03 external walls: ex150x50 SG8 wall framing with studs at 600 centres lined with 13mm standard GIB board inside in accordance with GIB specification - GBUW 15. Walls to extend to underside of roof above.

WT04 Internal walls: ex100x50 SG8 wall framing with studs at 600 centres lined with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. Where vinyl is continued up wall WPS water proofing membrane to be used in strict accordance with manufacturers specification. Face of office walls to warehouse finished with 9.5mm selected plywood to a height of 2.4m above finished floor level.

WT05 Office cladding: METALCRAFT KAHU cladding with COLORSTEEL ENDURA finish fixed vertically over 20mm cavity battens over COVERTEK 403 building wrap on ex150x50 SG8 wall framing with studs at 600 centres. Insulated cavity with AUTEX insulation min R2.5

WT06 Warehouse wall cladding: METALCRAFT KAHU cladding with COLORSTEEL ENDURA finish fixed horizontally over 20mm cavity battens over COVERTEK 403 building wrap on precast concrete panel walls.

WT07 Joinery: VANTAGE external window 125 FLUSHGLAZE suite in seismic frames with powder coated finish and Magnum door.

WT08 Joinery: VANTAGE 40 external window METRO suite with powder coated finish.

WT09 Roller door: METALBILT motorised roller shutter door powder coated finish on windsocks all with metal chain and manual back-up.

WT10 Horizontal sun screens: INSOL zenith Al sun screen with selected powdercoat finish. Refer manufacturers specifications for all fixings and structural information.

WT11 Internal strapped walls: ex50x50 SG8 timber strapping at 600 centres with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. AUTEX batt insulation to provide min. R2.5

WT12 Internal walls: ex150x50 SG8 wall framing with studs at 600 centres lined with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. Where vinyl is continued up wall WPS water proofing membrane to be used in strict accordance with manufacturers specification. Face of office walls to warehouse finished with 9.5mm selected plywood to a height of 2.4m above finished floor level.

**floors:**

FT01 Warehouse floor: 150mm thick reinforced concrete slab foundation on DPM and sand blinding on minimum 150mm thick compacted hard fill - refer structural engineers documentation for all structural information.

FT02 Office ground floor: 150mm thick reinforced concrete slab foundation on DPM and sand blinding on minimum 150mm thick compacted hard fill - refer structural engineer.

FT03 Office first floor: FRR 60/60/60 150mm thick Comflor - refer structural engineer.

FT04 Selected commercial grade vinyl flooring

**structural:**

ST01 Structural framing - refer structural engineer documentation for all structural detail.

**note:**

All materials, fittings, fixtures, and finishes to be established in strict accordance with manufactures specification.

This architectural documentation is to be read in conjunction with all specialist documentation and reports. Refer to engineering documentation for all engineering requirements.

**fire design requirements:**

All precast concrete panel walls to provide FR 180/180/180 (150 thick). Ground floor office to be fire rated and separate to the first floor fire cell - all fire rated FR 60/60/60. All supporting structure, stairs and underside of floors to be fire rated FR 60/60/60.

FD FD = fire door. Refer fire report for all fire design requirements.

W03 Window joinery - Refer D & W schedule

Refer finishes plans for floor, wall & ceiling finishes

**FOR CONSTRUCTION ISSUE**

NOTE:
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CLIENTS: TE RAPA GATEWAY / FOSTER CONSTRUCTION

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private bag 93010 new lynn auckland 0600

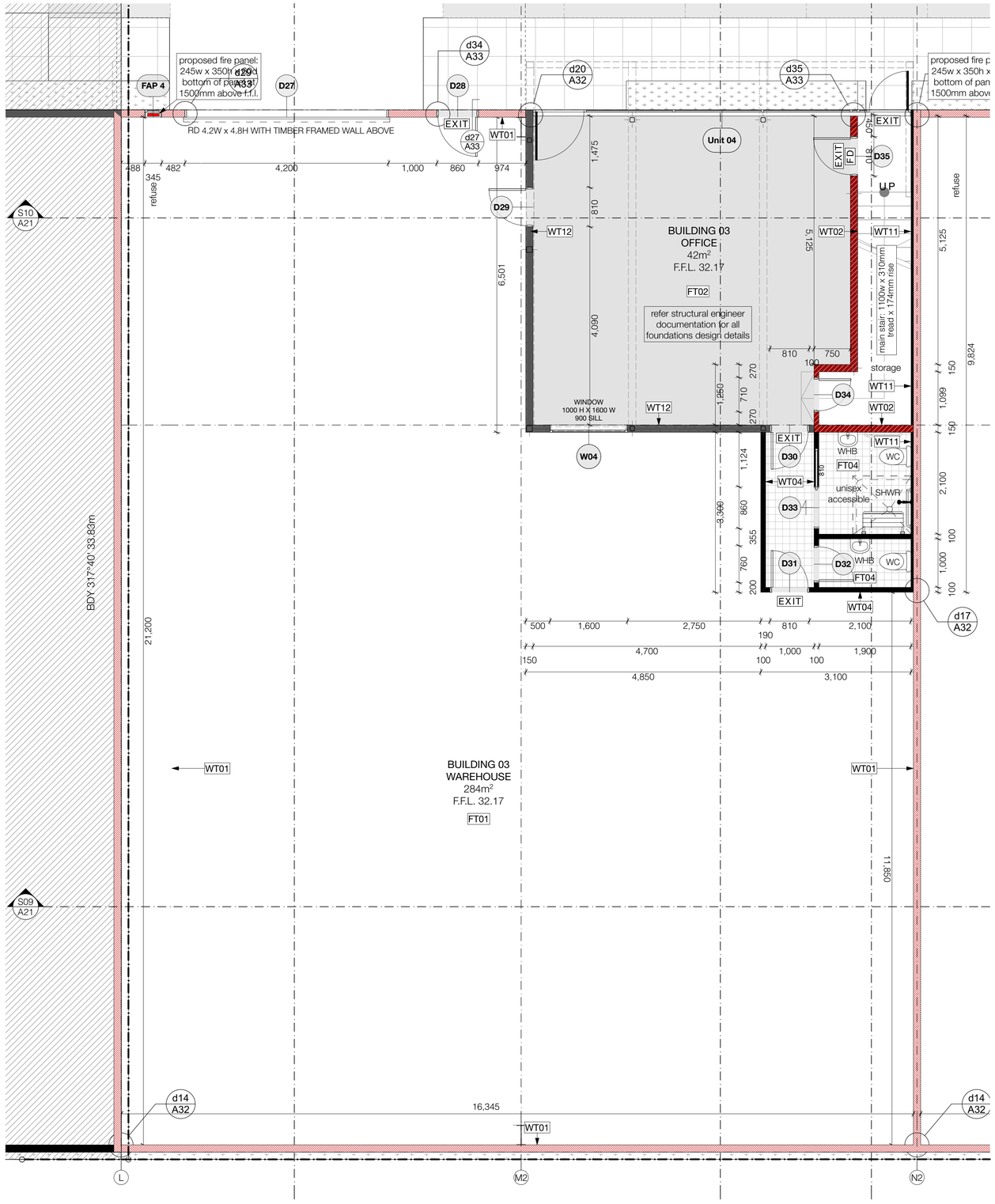

PROJECT: Te Rapa Stage 2

CLIENT: Fosters Construction
SITE: Te Rapa Industrial Park, Hamilton

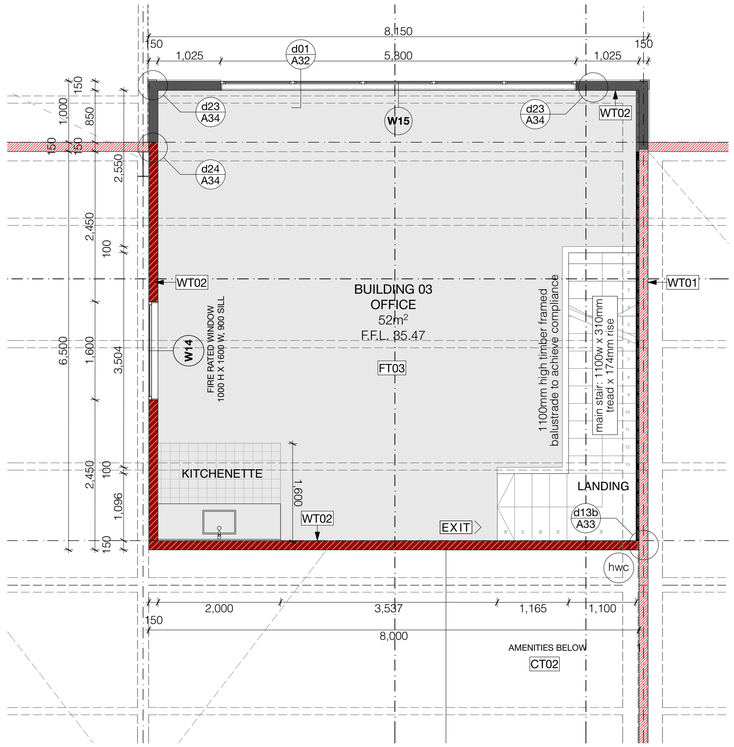
NORTH

DRAWING TITLE: PART PLANS - BUILDING 02

| PROJECT REF: | |
|---|---|
| T0424 TE RAPA S2 | |
| DATE: 25/06/19 | SCALE: 1:50 @ A1 |
| SHEET: A08 | REV: C01 |




GROUND FLOOR PLAN - BUILDING 03
Scale1:50




FIRST FLOOR PLAN - BUILDING 03
Scale1:50

WALL TYPE KEY:

- 150mm thick concrete cast panel 180/180/180 fire walls
- 100mm thick internal GIB fyrline office 60/60/60 fire walls
- 140mm thick GIB fyrline office 60/60/60 fire walls
- 100mm thick internal GIB wall
- 140mm thick office wall
- 100mm thick 1100mm stair balustrade

**main notes**

**roof:**

RT01 Roof: 0.55 BMT Dimond BB900 profiled COLORSTEEL roofing with ENDURA finish over selected THERMAKRAFT COVERTEK 405 roofing underlay over safety mesh on roof structure. Office roof cavity insulated with AUTEX greenstuf insulation to achieve min. R3.0

RT02 External gutter: 0.55 BMT box gutter with COLORSTEEL ENDURA finish fixed with hidden brackets to manufacturers specification.

RT03 Parapet / apron roof flashings: 0.55 BMT machine folded flashings with COLORSTEEL ENDURA finish.

RT04 Warehouse roof skylight: AMPELITE SL translucent sheet roofing to match profile of roof fixed over THERMKRAFT AUSMESH safety mesh (galv. coated) on roof structure - to provide 15% daylighting to warehouse space.

RT05 Canopy Roof & Soffit: 0.55 BMT Dimond BB900 profiled COLORSTEEL roofing with ENDURA finish over roof structure and to underside of soffit to provide bird proofing.

**ceiling:**

CT01 Internal office ceiling: USG DONN DX suspended ceiling grid system with selected 1200x600 mineral fibre ceiling tiles SLT edged.

CT02 Internal ceiling: 13mm GIB AQUALINE ceiling lining fixed to ex75x40mm SG8 timber battens @ 600 crs on 140x45mm joists @ 450 crs covered with 19mm marine ply. Max load 1.5kPa.

CT03 Underside of stairs: 16mm GIB FYRLINE lining to underside of timber stair structure in accordance with GIB spec - GBFC60. FR 60/60/60 fire rated lining to extend through to fire rated wall structure

**walls:**

WT01 150mm FR 180/180/180 thick pre-cast concrete panel walls - refer structural and fire engineers documentation.

WT02 Office fire walls: FR 60/60/60 ex150x50 SG8 wall framing with studs at 300 centres lined with 13mm GIB FYRLINE lining to both sides in accordance with GIB specification - GBTL60. Walls to extend to underside of roof above.

WT03 external walls: ex150x50 SG8 wall framing with studs at 600 centres lined with 13mm standard GIB board inside in accordance with GIB specification - GBUW 15. Walls to extend to underside of roof above.

WT04 Internal walls: ex100x50 SG8 wall framing with studs at 600 centres lined with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. Where vinyl is continued up wall WPS water proofing membrane to be used in strict accordance with manufacturers specification. Face of office walls to warehouse finished with 9.5mm selected plywood to a height of 2.4m above finished floor level.

WT05 Office cladding: METALCRAFT KAHU cladding with COLORSTEEL ENDURA finish fixed vertically over 20mm cavity battens over COVERTEK 403 building wrap on ex150x50 SG8 wall framing with studs at 600 centres. Insulated cavity with AUTEX insulation min R2.5

WT06 Warehouse wall cladding: METALCRAFT KAHU cladding with COLORSTEEL ENDURA finish fixed horizontally over 20mm cavity battens over COVERTEK 403 building wrap on precast concrete panel walls.

WT07 Joinery: VANTAGE external window 125 FLUSHGLAZE suite in seismic frames with powder coated finish and Magnum door.

WT08 Joinery: VANTAGE 40 external window METRO suite with powder coated finish.

WT09 Roller door: METALBILT motorised roller shutter door powder coated finish on windsocks all with metal chain and manual back-up.

WT10 Horizontal sun screens: INSOL zenith Al sun screen with selected powdercoat finish. Refer manufacturers specifications for all fixings and structural information.

WT11 Internal strapped walls: ex50x50 SG8 timber strapping at 600 centres with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. AUTEX batt insulation to provide min. R2.5

WT12 Internal walls: ex150x50 SG8 wall framing with studs at 600 centres lined with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. Where vinyl is continued up wall WPS water proofing membrane to be used in strict accordance with manufacturers specification. Face of office walls to warehouse finished with 9.5mm selected plywood to a height of 2.4m above finished floor level.

**floors:**

FT01 Warehouse floor: 150mm thick reinforced concrete slab foundation on DPM and sand blinding on minimum 150mm thick compacted hard fill - refer structural engineers documentation for all structural information.

FT02 Office ground floor: 150mm thick reinforced concrete slab foundation on DPM and sand blinding on minimum 150mm thick compacted hard fill - refer structural engineer.

FT03 Office first floor: FRR 60/60/60 150mm thick Comflor - refer structural engineer.

FT04 Selected commercial grade vinyl flooring

**structural:**

ST01 Structural framing - refer structural engineer documentation for all structural detail.

**note:**

All materials, fittings, fixtures, and finishes to be established in strict accordance with manufactures specification.

This architectural documentation is to be read in conjunction with all specialist documentation and reports. Refer to engineering documentation for all engineering requirements.

**fire design requirements:**

All precast concrete panel walls to provide FR 180/180/180 (150 thick). Ground floor office to be fire rated and separate to the first floor fire cell - all fire rated FR 60/60/60. All supporting structure, stairs and underside of floors to be fire rated FR 60/60/60.

FD FD = fire door. Refer fire report for all fire design requirements.

W03 Window joinery - Refer D & W schedule

Refer finishes plans for floor, wall & ceiling finishes

**FOR CONSTRUCTION ISSUE**

NOTE:
It is the responsibility of the contractor to verify all dimensions on site prior to commencing all work. The contractor is to ensure that all work complies with the New Zealand Building Code, all ammendments thereof and all relevant New Zealand Standards. All proprietry items and materials shall be fixed and applied in strict accordance with manufacturers specifications. **TAYLORED** architecture & environments Ltd under no circumstances accepts responsibility for payment of any products or services specified.

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| C01 | 25/06/19 |

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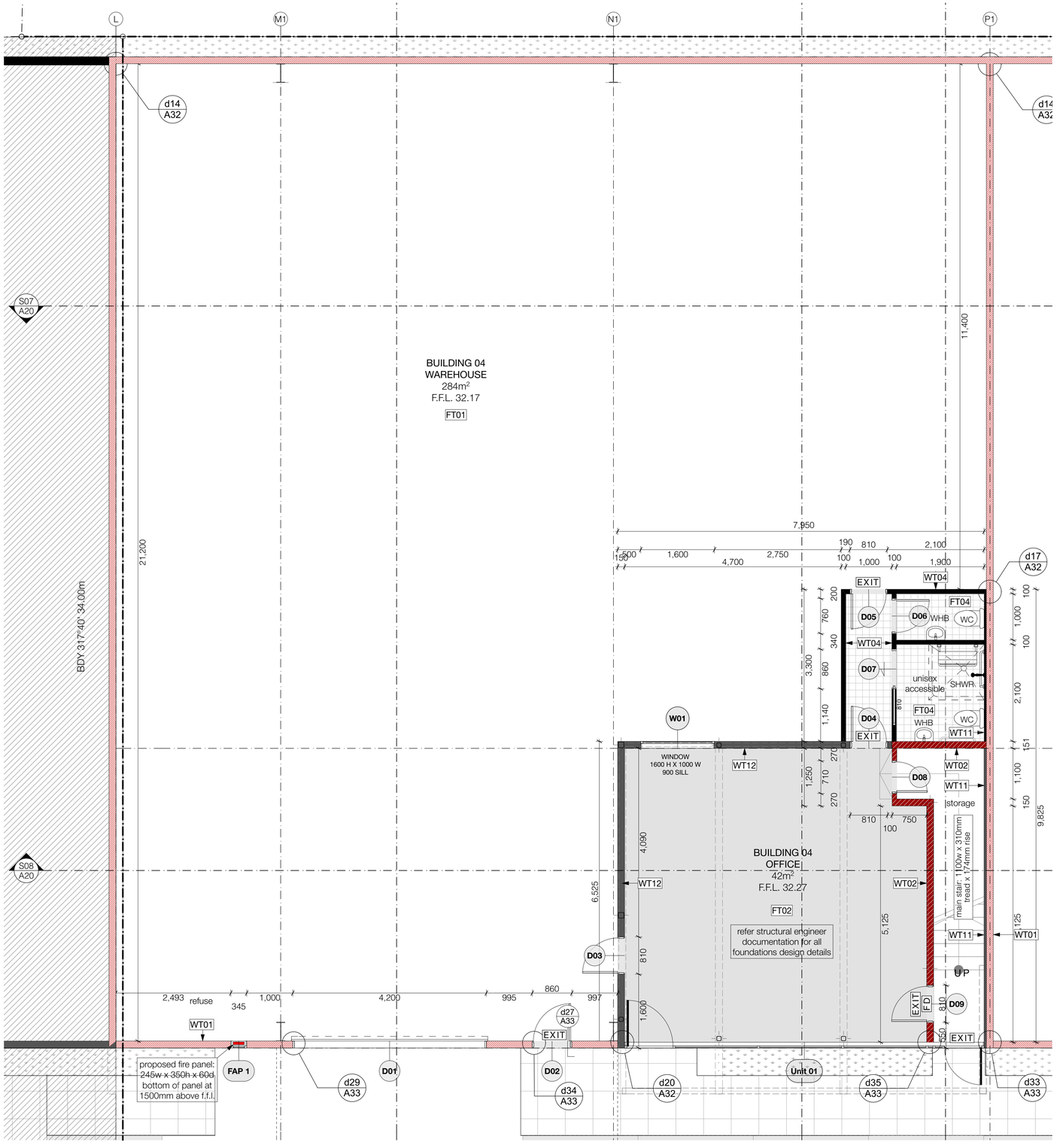
private bag 93010 new lynn auckland 0600

PROJECT: Te Rapa Stage 2
CLIENT: Fosters Construction
SITE: Te Rapa Industrial Park, Hamilton

DRAWING TITLE: PART PLANS - BUILDING 03

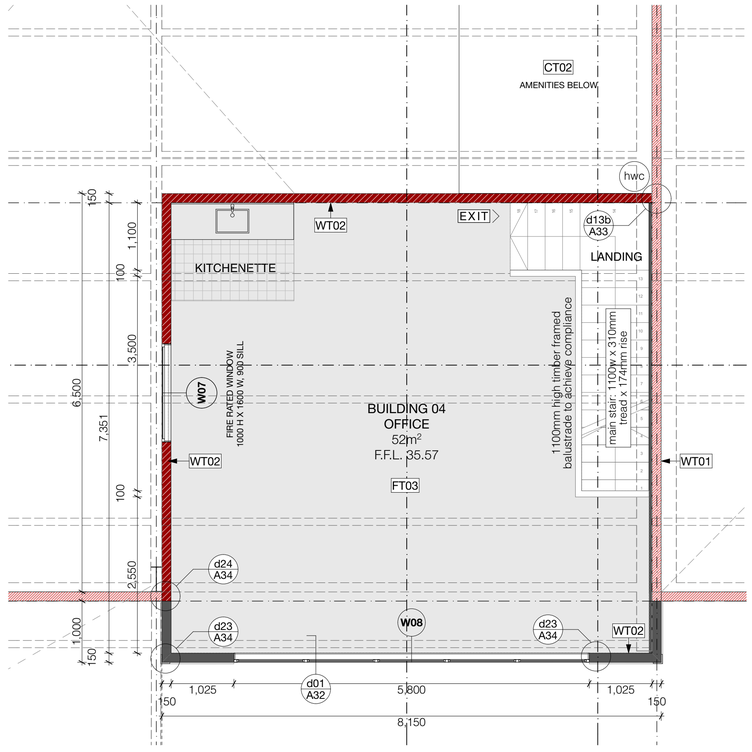
| PROJECT REF: | |
|---|---|
| T0424 TE RAPA S2 | |
| DATE: 25/06/19 | SCALE: 1:50 @ A1 |
| SHEET: A09 | REV: C01 |




GROUND FLOOR PLAN - BUILDING 04
Scale1:50

WALL TYPE KEY:

- 150mm thick concrete cast panel 180/180/180 fire walls
- 100mm thick internal GIB fyrline office 60/60/60 fire walls
- 140mm thick GIB fyrline office 60/60/60 fire walls
- 100mm thick internal GIB wall
- 140mm thick office wall
- 100mm thick 1100mm stair balustrade




FIRST FLOOR PLAN - BUILDING 04
Scale1:50

**main notes**

**roof:**

RT01 Roof: 0.55 BMT Dimond BB900 profiled COLORSTEEL roofing with ENDURA finish over selected THERMAKRAFT COVERTEK 405 roofing underlay over safety mesh on roof structure. Office roof cavity insulated with AUTEX greenstuf insulation to achieve min. R3.0

RT02 External gutter: 0.55 BMT box gutter with COLORSTEEL ENDURA finish fixed with hidden brackets to manufacturers specification.

RT03 Parapet / apron roof flashings: 0.55 BMT machine folded flashings with COLORSTEEL ENDURA finish.

RT04 Warehouse roof skylight: AMPELITE SL translucent sheet roofing to match profile of roof fixed over THERMKRAFT AUSMESH safety mesh (galv. coated) on roof structure - to provide 15% daylighting to warehouse space.

RT05 Canopy Roof & Soffit: 0.55 BMT Dimond BB900 profiled COLORSTEEL roofing with ENDURA finish over roof structure and to underside of soffit to provide bird proofing.

**ceiling:**

CT01 Internal office ceiling: USG DONN DX suspended ceiling grid system with selected 1200x600 mineral fibre ceiling tiles SLT edged.

CT02 Internal ceiling: 13mm GIB AQUALINE ceiling lining fixed to ex75x40mm SG8 timber battens @ 600 crs on 140x45mm joists @ 450 crs covered with 19mm marine ply. Max load 1.5kPa.

CT03 Underside of stairs: 16mm GIB FYRLINE lining to underside of timber stair structure in accordance with GIB spec - GBFC60. FR 60/60/60 fire rated lining to extend through to fire rated wall structure

**walls:**

WT01 150mm FR 180/180/180 thick pre-cast concrete panel walls - refer structural and fire engineers documentation.

WT02 Office fire walls: FR 60/60/60 ex150x50 SG8 wall framing with studs at 300 centres lined with 13mm GIB FYRLINE lining to both sides in accordance with GIB specification - GBTL60. Walls to extend to underside of roof above.

WT03 external walls: ex150x50 SG8 wall framing with studs at 600 centres lined with 13mm standard GIB board inside in accordance with GIB specification - GBUW 15. Walls to extend to underside of roof above.

WT04 Internal walls: ex100x50 SG8 wall framing with studs at 600 centres lined with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. Where vinyl is continued up wall WPS water proofing membrane to be used in strict accordance with manufacturers specification. Face of office walls to warehouse finished with 9.5mm selected plywood to a height of 2.4m above finished floor level.

WT05 Office cladding: METALCRAFT KAHU cladding with COLORSTEEL ENDURA finish fixed vertically over 20mm cavity battens over COVERTEK 403 building wrap on ex150x50 SG8 wall framing with studs at 600 centres. Insulated cavity with AUTEX insulation min R2.5

WT06 Warehouse wall cladding: METALCRAFT KAHU cladding with COLORSTEEL ENDURA finish fixed horizontally over 20mm cavity battens over COVERTEK 403 building wrap on precast concrete panel walls.

WT07 Joinery: VANTAGE external window 125 FLUSHGLAZE suite in seismic frames with powder coated finish and Magnum door.

WT08 Joinery: VANTAGE 40 external window METRO suite with powder coated finish.

WT09 Roller door: METALBILT motorised roller shutter door powder coated finish on windsocks all with metal chain and manual back-up.

WT10 Horizontal sun screens: INSOL zenith AI sun screen with selected powdercoat finish. Refer manufacturers specifications for all fixings and structural information.

WT11 Internal strapped walls: ex50x50 SG8 timber strapping at 600 centres with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. AUTEX batt insulation to provide min. R2.5

WT12 Internal walls: ex150x50 SG8 wall framing with studs at 600 centres lined with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. Where vinyl is continued up wall WPS water proofing membrane to be used in strict accordance with manufacturers specification. Face of office walls to warehouse finished with 9.5mm selected plywood to a height of 2.4m above finished floor level.

**floors:**

FT01 Warehouse floor: 150mm thick reinforced concrete slab foundation on DPM and sand blinding on minimum 150mm thick compacted hard fill - refer structural engineers documentation for all structural information.

FT02 Office ground floor: 150mm thick reinforced concrete slab foundation on DPM and sand blinding on minimum 150mm thick compacted hard fill - refer structural engineer.

FT03 Office first floor: FRR 60/60/60 150mm thick Comflor - refer structural engineer.

FT04 Selected commercial grade vinyl flooring

**structural:**

ST01 Structural framing - refer structural engineer documentation for all structural detail.

**note:**

All materials, fittings, fixtures, and finishes to be established in strict accordance with manufactures specification.

This architectural documentation is to be read in conjunction with all specialist documentation and reports. Refer to engineering documentation for all engineering requirements.

**fire design requirements:**

All precast concrete panel walls to provide FR 180/180/180 (150 thick). Ground floor office to be fire rated and separate to the first floor fire cell - all fire rated FR 60/60/60. All supporting structure, stairs and underside of floors to be fire rated FR 60/60/60.

FD FD = fire door. Refer fire report for all fire design requirements.

W03 Window joinery - Refer D & W schedule

Refer finishes plans for floor, wall & ceiling finishes

**FOR CONSTRUCTION ISSUE**

NOTE:
It is the responsibility of the contractor to verify all dimensions on site prior to commencing all work. The contractor is to ensure that all work complies with the New Zealand Building Code, all ammendments thereof and all relevant New Zealand Standards. All proprietry items and materials shall be fixed and applied in strict accordance with manufacturers specifications. **TAYLORED** architecture & environments Ltd under no circumstances accepts responsibility for payment of any products or services specified.

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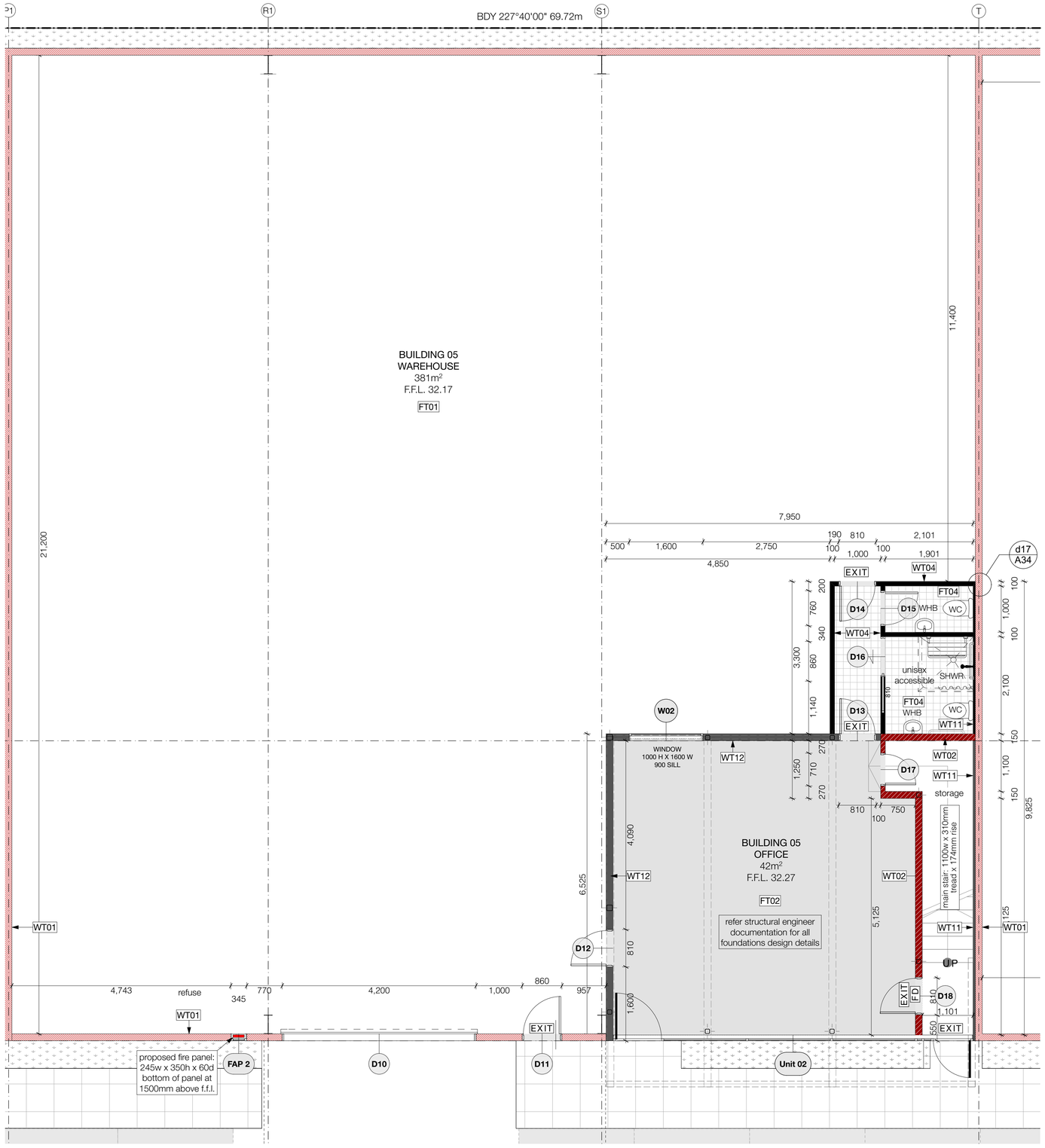
PROJECT:
Te Rapa Stage 2
CLIENT: Fosters Construction
SITE:Te Rapa Industrial Park, Hamilton

NORTH

DRAWING TITLE:
PART PLANS - BUILDING 04

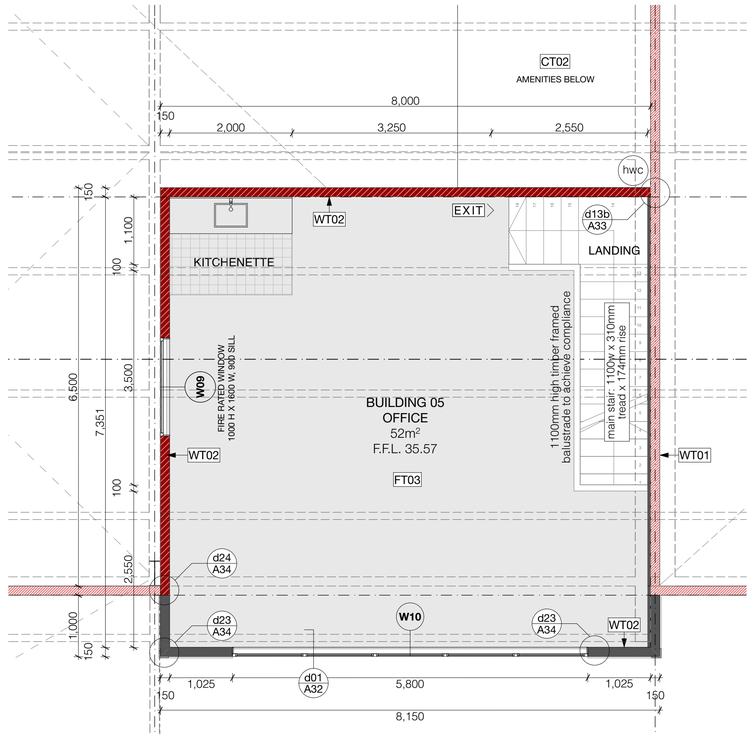
| PROJECT REF: | |
|---|---|
| T0424 TE RAPA S2 | |
| DATE: 25/06/19 | SCALE: 1:50 @ A1 |
| SHEET: A10 | REV: C01 |




GROUND FLOOR PLAN - BUILDING 05
Scale1:50

WALL TYPE KEY:

- 150mm thick concrete cast panel 180/180/180 fire walls
- 100mm thick internal GIB fyrline office 60/60/60 fire walls
- 140mm thick GIB fyrline office 60/60/60 fire walls
- 100mm thick internal GIB wall
- 140mm thick office wall
- 100mm thick 1100mm stair balustrade




FIRST FLOOR PLAN - BUILDING 05
Scale1:50

**main notes**

**roof:**

RT01 Roof: 0.55 BMT Dimond BB900 profiled COLORSTEEL roofing with ENDURA finish over selected THERMAKRAFT COVERTEK 405 roofing underlay over safety mesh on roof structure. Office roof cavity insulated with AUTEX greenstuf insulation to achieve min. R3.0

RT02 External gutter: 0.55 BMT box gutter with COLORSTEEL ENDURA finish fixed with hidden brackets to manufacturers specification.

RT03 Parapet / apron roof flashings: 0.55 BMT machine folded flashings with COLORSTEEL ENDURA finish.

RT04 Warehouse roof skylight: AMPELITE SL translucent sheet roofing to match profile of roof fixed over THERMKRAFT AUSMESH safety mesh (galv. coated) on roof structure - to provide 15% daylighting to warehouse space.

RT05 Canopy Roof & Soffit: 0.55 BMT Dimond BB900 profiled COLORSTEEL roofing with ENDURA finish over roof structure and to underside of soffit to provide bird proofing.

**ceiling:**

CT01 Internal office ceiling: USG DONN DX suspended ceiling grid system with selected 1200x600 mineral fibre ceiling tiles SLT edged.

CT02 Internal ceiling: 13mm GIB AQUALINE ceiling lining fixed to ex75x40mm SG8 timber battens @ 600 crs on 140x45mm joists @ 450 crs covered with 19mm marine ply. Max load 1.5kPa.

CT03 Underside of stairs: 16mm GIB FYRLINE lining to underside of timber stair structure in accordance with GIB spec - GBFC60. FR 60/60/60 fire rated lining to extend through to fire rated wall structure

**walls:**

WT01 150mm FR 180/180/180 thick pre-cast concrete panel walls - refer structural and fire engineers documentation.

WT02 Office fire walls: FR 60/60/60 ex150x50 SG8 wall framing with studs at 300 centres lined with 13mm GIB FYRLINE lining to both sides in accordance with GIB specification - GBTL60. Walls to extend to underside of roof above.

WT03 external walls: ex150x50 SG8 wall framing with studs at 600 centres lined with 13mm standard GIB board inside in accordance with GIB specification - GBUW 15. Walls to extend to underside of roof above.

WT04 Internal walls: ex100x50 SG8 wall framing with studs at 600 centres lined with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. Where vinyl is continued up wall WPS water proofing membrane to be used in strict accordance with manufacturers specification. Face of office walls to warehouse finished with 9.5mm selected plywood to a height of 2.4m above finished floor level.

WT05 Office cladding: METALCRAFT KAHU cladding with COLORSTEEL ENDURA finish fixed vertically over 20mm cavity battens over COVERTEK 403 building wrap on ex150x50 SG8 wall framing with studs at 600 centres. Insulated cavity with AUTEX insulation min R2.5

WT06 Warehouse wall cladding: METALCRAFT KAHU cladding with COLORSTEEL ENDURA finish fixed horizontally over 20mm cavity battens over COVERTEK 403 building wrap on precast concrete panel walls.

WT07 Joinery: VANTAGE external window 125 FLUSHGLAZE suite in seismic frames with powder coated finish and Magnum door.

WT08 Joinery: VANTAGE 40 external window METRO suite with powder coated finish.

WT09 Roller door: METALBILT motorised roller shutter door powder coated finish on windsocks all with metal chain and manual back-up.

WT10 Horizontal sun screens: INSOL zenith AI sun screen with selected powdercoat finish. Refer manufacturers specifications for all fixings and structural information.

WT11 Internal strapped walls: ex50x50 SG8 timber strapping at 600 centres with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. AUTEX batt insulation to provide min. R2.5

WT12 Internal walls: ex150x50 SG8 wall framing with studs at 600 centres lined with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. Where vinyl is continued up wall WPS water proofing membrane to be used in strict accordance with manufacturers specification. Face of office walls to warehouse finished with 9.5mm selected plywood to a height of 2.4m above finished floor level.

**floors:**

FT01 Warehouse floor: 150mm thick reinforced concrete slab foundation on DPM and sand blinding on minimum 150mm thick compacted hard fill - refer structural engineers documentation for all structural information.

FT02 Office ground floor: 150mm thick reinforced concrete slab foundation on DPM and sand blinding on minimum 150mm thick compacted hard fill - refer structural engineer.

FT03 Office first floor: FRR 60/60/60 150mm thick Comflor - refer structural engineer.

FT04 Selected commercial grade vinyl flooring

**structural:**

ST01 Structural framing - refer structural engineer documentation for all structural detail.

**note:**

All materials, fittings, fixtures, and finishes to be established in strict accordance with manufactures specification.

This architectural documentation is to be read in conjunction with all specialist documentation and reports. Refer to engineering documentation for all engineering requirements.

**fire design requirements:**

All precast concrete panel walls to provide FR 180/180/180 (150 thick). Ground floor office to be fire rated and separate to the first floor fire cell - all fire rated FR 60/60/60. All supporting structure, stairs and underside of floors to be fire rated FR 60/60/60.

FD FD = fire door. Refer fire report for all fire design requirements.

W03 Window joinery - Refer D & W schedule

Refer finishes plans for floor, wall & ceiling finishes

**FOR CONSTRUCTION ISSUE**

NOTE:
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private bag 93010 new lynn auckland 0600


PROJECT:
Te Rapa Stage 2
CLIENT: Fosters Construction
SITE:Te Rapa Industrial Park, Hamilton

NORTH

DRAWING TITLE:
PART PLANS - BUILDING 05

PROJECT REF:
T0424 TE RAPA S2

| DATE: | SCALE: |
|---|---|
| 25/06/19 | 1:50 @ A1 |
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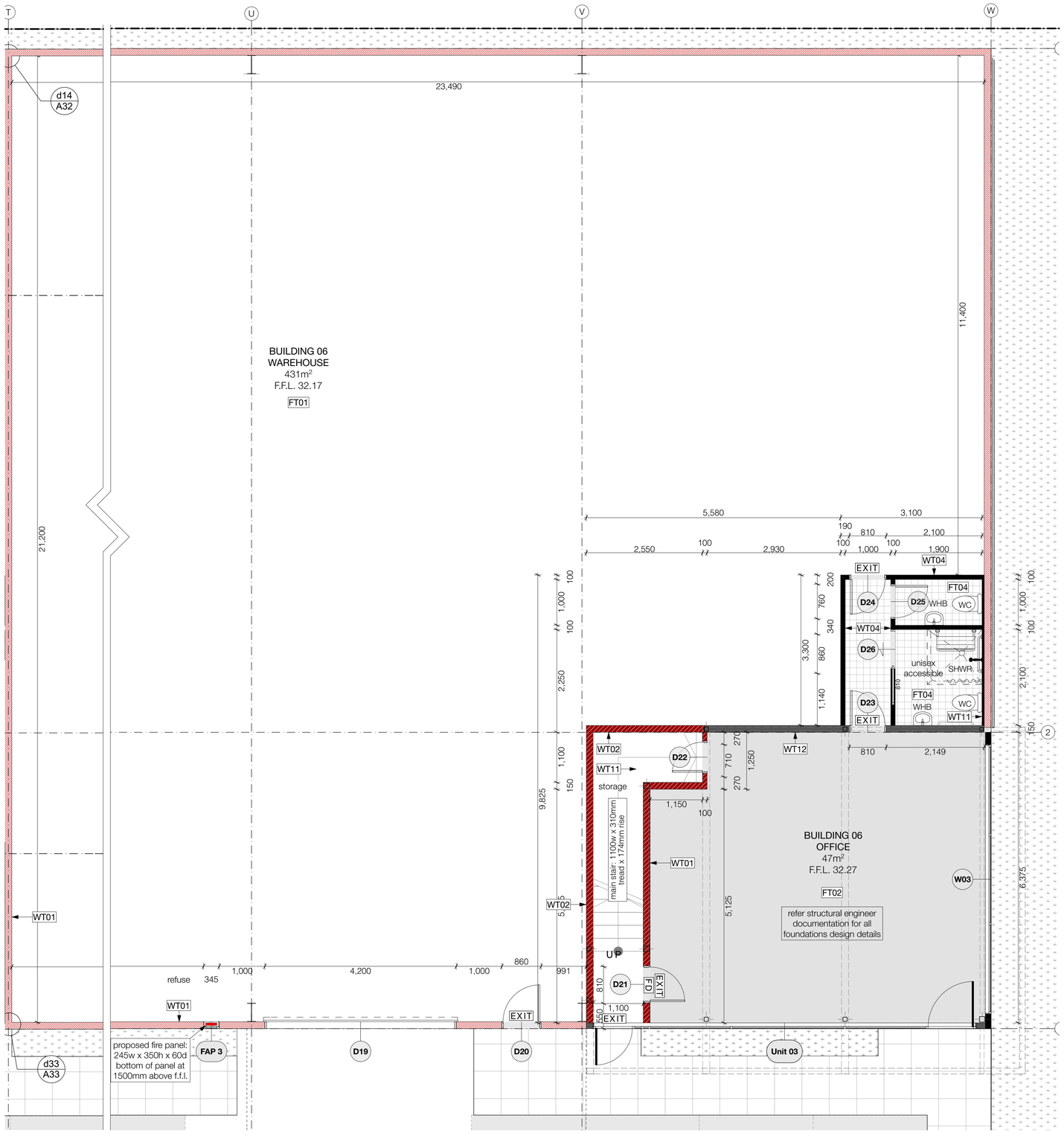
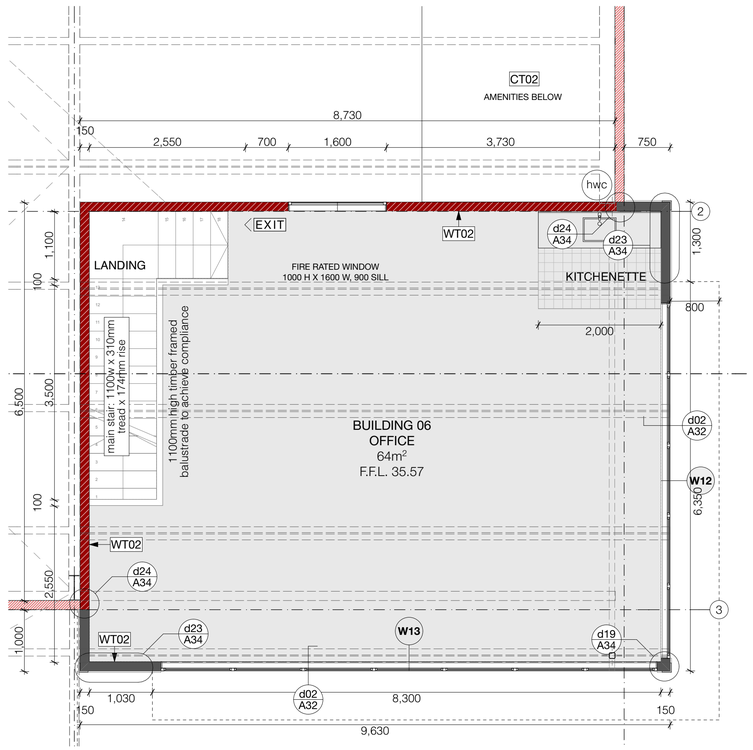



GROUND FLOOR PLAN - BUILDING 06
Scale1:50

WALL TYPE KEY:

- 150mm thick concrete cast panel 180/180/180 fire walls
- 100mm thick internal GIB fyrline office 60/60/60 fire walls
- 140mm thick GIB fyrline office 60/60/60 fire walls
- 100mm thick internal GIB wall
- 140mm thick office wall
- 100mm thick 1100mm stair balustrade




FIRST FLOOR PLAN - BUILDING 06
Scale1:50

**main notes**
**roof:**

RT01 Roof: 0.55 BMT Dimond BB900 profiled COLORSTEEL roofing with ENDURA finish over selected THERMAKRAFT COVERTEK 405 roofing underlay over safety mesh on roof structure. Office roof cavity insulated with AUTEX greenstuf insulation to achieve min. R3.0

RT02 External gutter: 0.55 BMT box gutter with COLORSTEEL ENDURA finish fixed with hidden brackets to manufacturers specification.

RT03 Parapet / apron roof flashings: 0.55 BMT machine folded flashings with COLORSTEEL ENDURA finish.

RT04 Warehouse roof skylight: AMPELITE SL translucent sheet roofing to match profile of roof fixed over THERMKRAFT AUSMESH safety mesh (galv. coated) on roof structure - to provide 15% daylighting to warehouse space.

RT05 Canopy Roof & Soffit: 0.55 BMT Dimond BB900 profiled COLORSTEEL roofing with ENDURA finish over roof structure and to underside of soffit to provide bird proofing.

**ceiling:**

CT01 Internal office ceiling: USG DONN DX suspended ceiling grid system with selected 1200x600 mineral fibre ceiling tiles SLT edged.

CT02 Internal ceiling: 13mm GIB AQUALINE ceiling lining fixed to ex75x40mm SG8 timber battens @ 600 crs on 140x45mm joists @ 450 crs covered with 19mm marine ply. Max load 1.5kPa.

CT03 Underside of stairs: 16mm GIB FYRLINE lining to underside of timber stair structure in accordance with GIB spec - GBFC60. FR 60/60/60 fire rated lining to extend through to fire rated wall structure

**walls:**

WT01 150mm FR 180/180/180 thick pre-cast concrete panel walls - refer structural and fire engineers documentation.

WT02 Office fire walls: FR 60/60/60 ex150x50 SG8 wall framing with studs at 300 centres lined with 13mm GIB FYRLINE lining to both sides in accordance with GIB specification - GBTL60. Walls to extend to underside of roof above.

WT03 external walls: ex150x50 SG8 wall framing with studs at 600 centres lined with 13mm standard GIB board inside in accordance with GIB specification - GBUW 15. Walls to extend to underside of roof above.

WT04 Internal walls: ex100x50 SG8 wall framing with studs at 600 centres lined with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. Where vinyl is continued up wall WPS water proofing membrane to be used in strict accordance with manufacturers specification. Face of office walls to warehouse finished with 9.5mm selected plywood to a height of 2.4m above finished floor level.

WT05 Office cladding: METALCRAFT KAHU cladding with COLORSTEEL ENDURA finish fixed vertically over 20mm cavity battens over COVERTEK 403 building wrap on ex150x50 SG8 wall framing with studs at 600 centres. Insulated cavity with AUTEX insulation min R2.5

WT06 Warehouse wall cladding: METALCRAFT KAHU cladding with COLORSTEEL ENDURA finish fixed horizontally over 20mm cavity battens over COVERTEK 403 building wrap on precast concrete panel walls.

WT07 Joinery: VANTAGE external window 125 FLUSHGLAZE suite in seismic frames with powder coated finish and Magnum door.

WT08 Joinery: VANTAGE 40 external window METRO suite with powder coated finish.

WT09 Roller door: METALBILT motorised roller shutter door powder coated finish on windsocks all with metal chain and manual back-up.

WT10 Horizontal sun screens: INSOL zenith Al sun screen with selected powdercoat finish. Refer manufacturers specifications for all fixings and structural information.

WT11 Internal strapped walls: ex50x50 SG8 timber strapping at 600 centres with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. AUTEX batt insulation to provide min. R2.5

WT12 Internal walls: ex150x50 SG8 wall framing with studs at 600 centres lined with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. Where vinyl is continued up wall WPS water proofing membrane to be used in strict accordance with manufacturers specification. Face of office walls to warehouse finished with 9.5mm selected plywood to a height of 2.4m above finished floor level.

**floors:**

FT01 Warehouse floor: 150mm thick reinforced concrete slab foundation on DPM and sand blinding on minimum 150mm thick compacted hard fill - refer structural engineers documentation for all structural information.

FT02 Office ground floor: 150mm thick reinforced concrete slab foundation on DPM and sand blinding on minimum 150mm thick compacted hard fill - refer structural engineer.

FT03 Office first floor: FRR 60/60/60 150mm thick Comflor - refer structural engineer.

FT04 Selected commercial grade vinyl flooring

**structural:**

ST01 Structural framing - refer structural engineer documentation for all structural detail.

**note:**

All materials, fittings, fixtures, and finishes to be established in strict accordance with manufactures specification.

This architectural documentation is to be read in conjunction with all specialist documentation and reports. Refer to engineering documentation for all engineering requirements.

**fire design requirements:**

All precast concrete panel walls to provide FR 180/180/180 (150 thick). Ground floor office to be fire rated and separate to the first floor fire cell - all fire rated FR 60/60/60. All supporting structure, stairs and underside of floors to be fire rated FR 60/60/60.

FD FD = fire door. Refer fire report for all fire design requirements.

W03 Window joinery - Refer D & W schedule

Refer finishes plans for floor, wall & ceiling finishes

**FOR CONSTRUCTION ISSUE**

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PROJECT:
Te Rapa Stage 2
CLIENT: Fosters Construction
SITE:Te Rapa Industrial Park, Hamilton

DRAWING TITLE:
PART PLANS - BUILDING 06

PROJECT REF:
T0424 TE RAPA S2

| DATE: | SCALE: |
|---|---|
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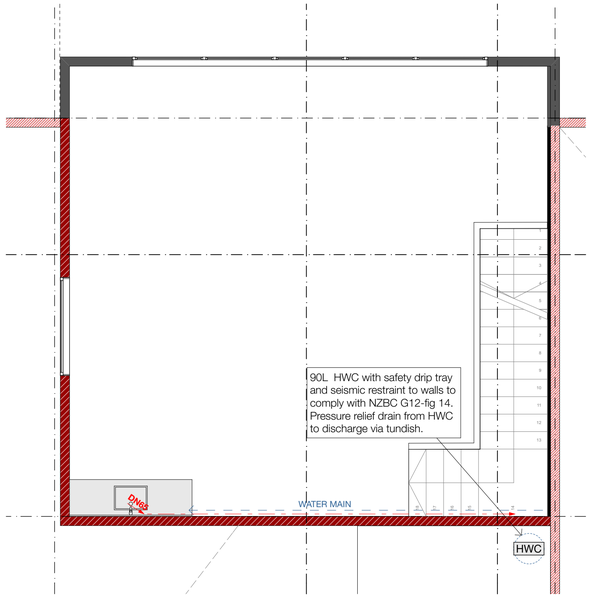
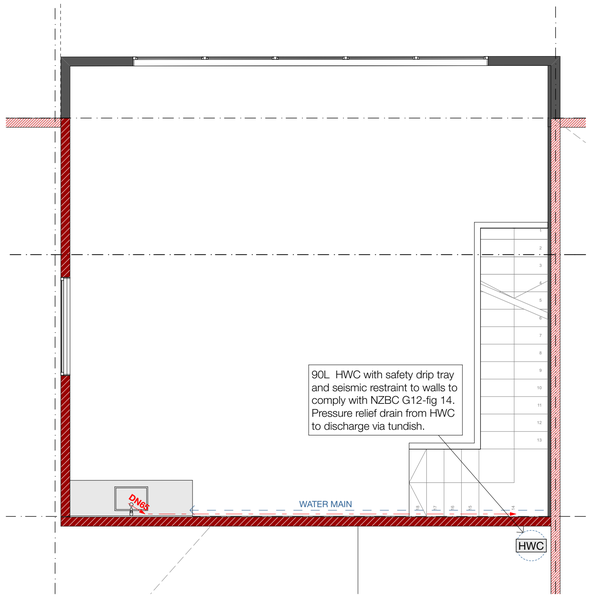
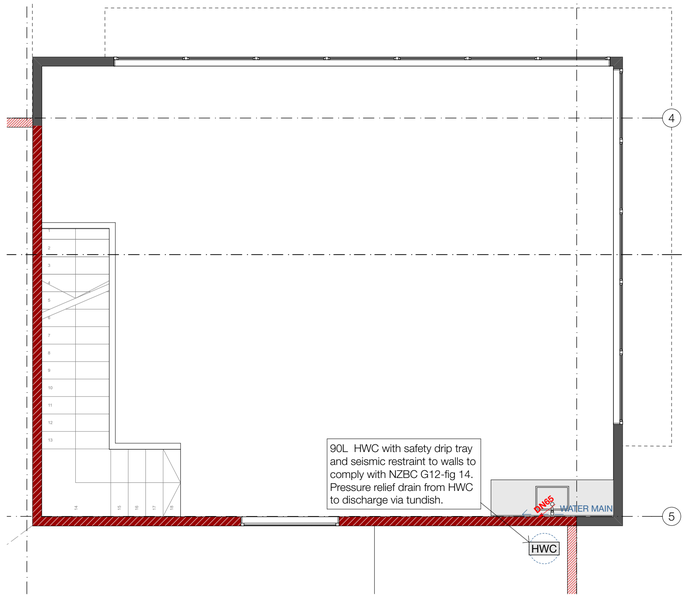
| SHEET: A12 | REV: C01 |



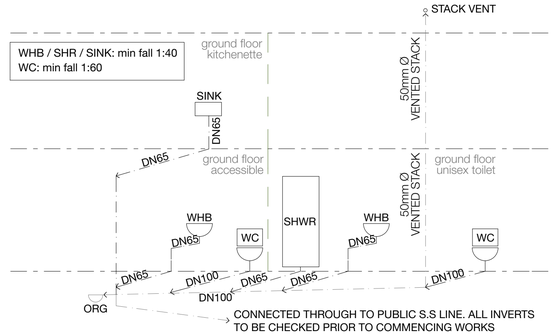

FIRST FLOOR PLUMBING PLAN - BUILDING 03
Scale1:50

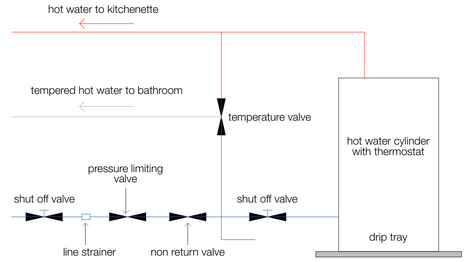


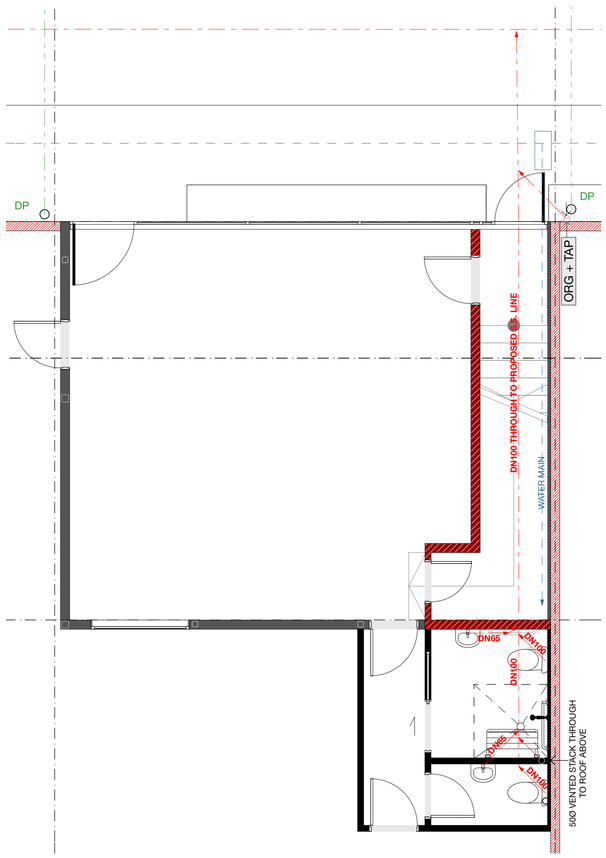

FIRST FLOOR PLUMBING PLAN - BUILDING 02
Scale1:50



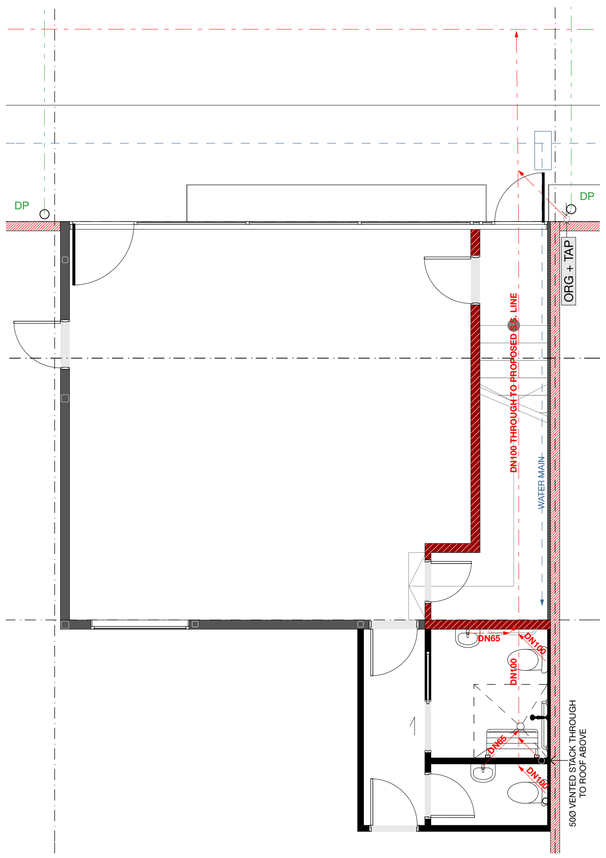

FIRST FLOOR PLUMBING PLAN - BUILDING 01
Scale1:50



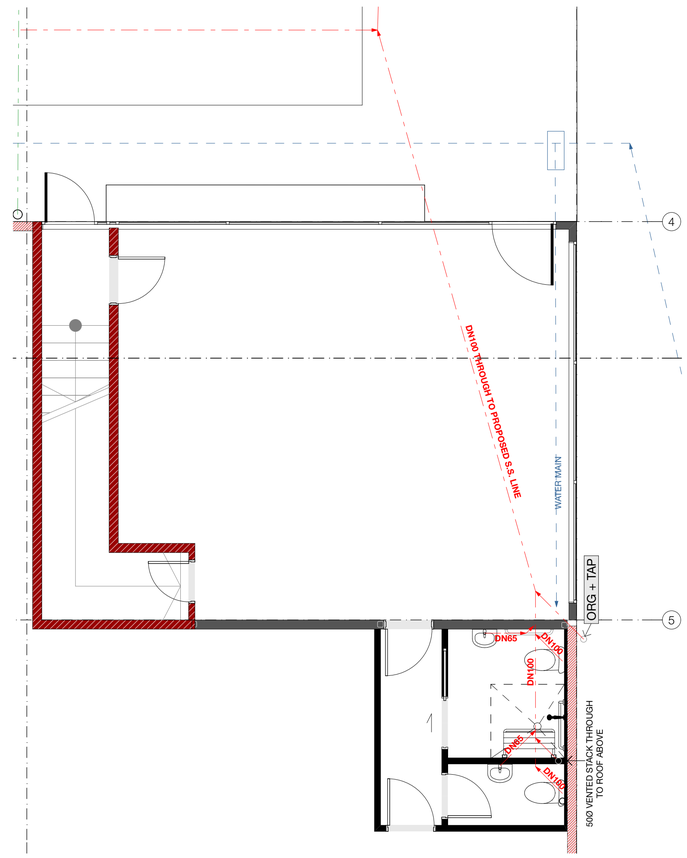




GROUND FLOOR PLUMBING PLAN - BUILDING 03
Scale1:50




GROUND FLOOR PLUMBING PLAN - BUILDING 02
Scale1:50




GROUND FLOOR PLUMBING PLAN - BUILDING 01
Scale1:50

PLUMBING AND DRAINAGE KEY:

- WASTE WATER LINE
- STORM WATER LINE

ABBREVIATIONS:

| | |
|---|---|
| CP | CESSPIT |
| DP | DOWNPIPE |
| FH | FIRE HYDRANT |
| ORG | OVERFLOW RELIEF GULLY |
| SHR | SHOWER |
| S | SINK |
| SS | SANITARY SEWER |
| SW | STORMWATER |
| TV | TERMINAL VENT |
| WC | WATER CLOSET |
| WHB | WASH HAND BASIN |
| WM | WATERMAIN |

NOTE

ALL PLUMBING AND DRAINAGE IS TO COMPLY WITH AS/NZS 3500.2 AND ALL LOCAL COUNCIL BYLAWS.

ORG'S TO HAVE WATER TAP INSTALLED OVERHEAD.

ALL EXTERNAL TAPS TO BE FITTED WITH VACUUM BREAKERS (HCVB) TESTED IN ACCORDANCE WITH AS/NZS 2845 : 1 : 2010.

PLUMBING PIPE MINIMUM FALLS IN ACCORDANCE WITH NZS 3500.2:

| | |
|---|---|
| 65ø | 1:40 |
| 80ø | 1:60 |
| 100ø | 1:60 |
| 150ø | 1:100 |

REFER CIVIL ENGINEERS DESIGN DOCUMENTATION FOR ALL DRAINAGE INFORMATION BEYOND THE LINE OF THE BUILDINGS.

HWC VALVES TO BE CONFIRMED WITH FINAL SELECTION OF HWC.

**FOR CONSTRUCTION ISSUE**



CLIENTS:
TE RAPA GATEWAY
FOSTER CONSTRUCTION

| ISSUE: | DATE: |
|---|---|
| C01 | 25/06/19 |

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private bag 93010 new lynn auckland 0600

PROJECT:
Te Rapa Stage 2
CLIENT: Fosters Construction
SITE:Te Rapa Industrial Park, Hamilton

NOT FOR CONSTRUCTION

DRAWING TITLE:
PROPOSED PLUMBING PLANS - BUILDINGS 01-03

| PROJECT REF: | |
|---|---|
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| DATE: 25/06/19 | SCALE: 1:50 @ A1 |
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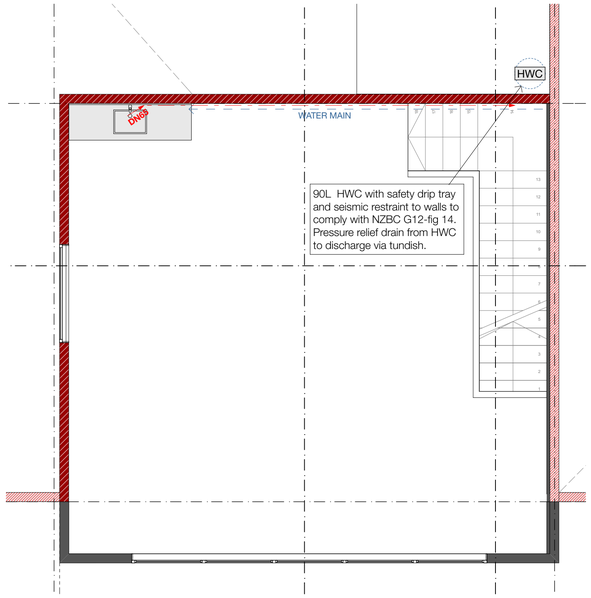
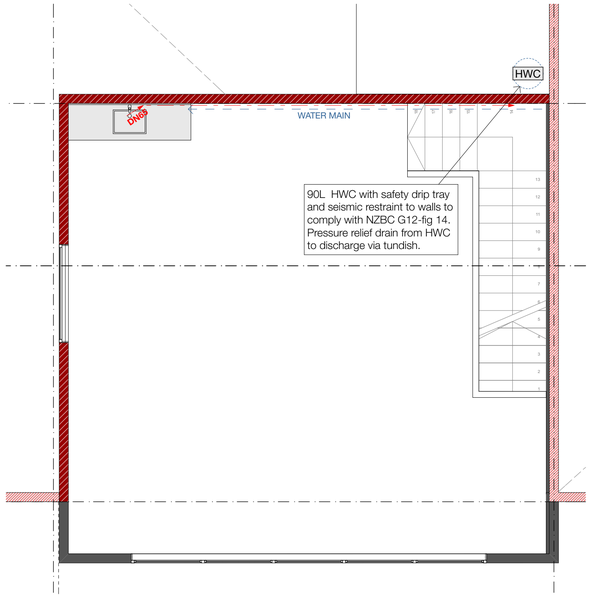
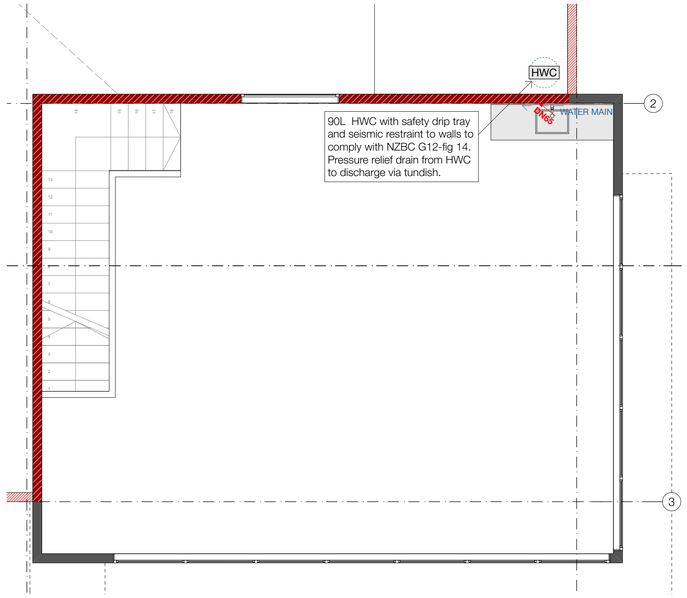
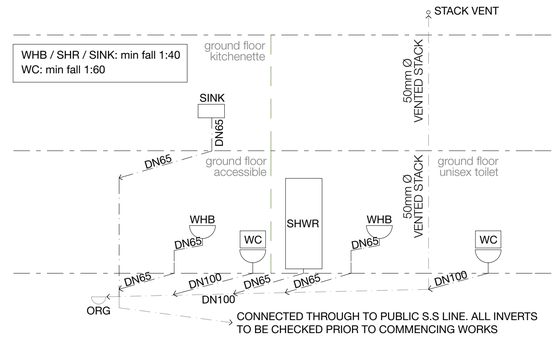
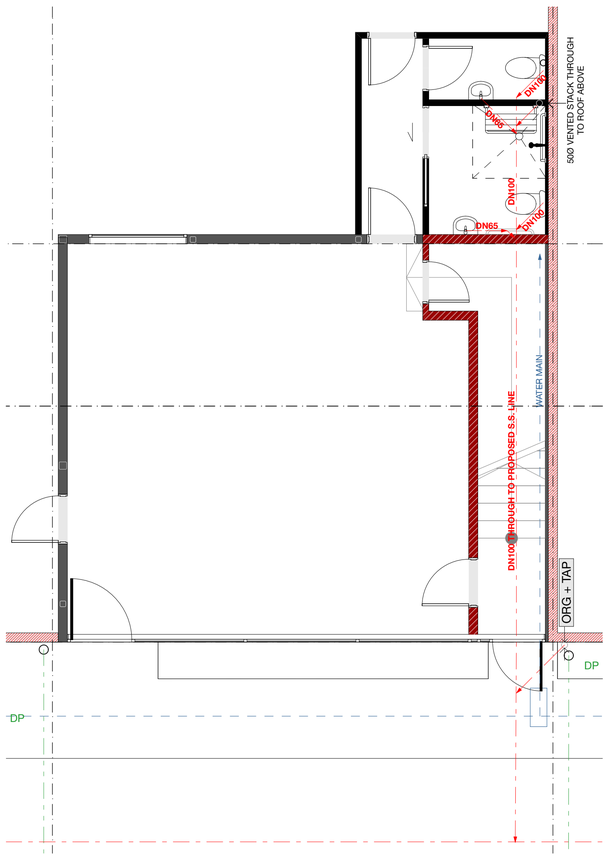


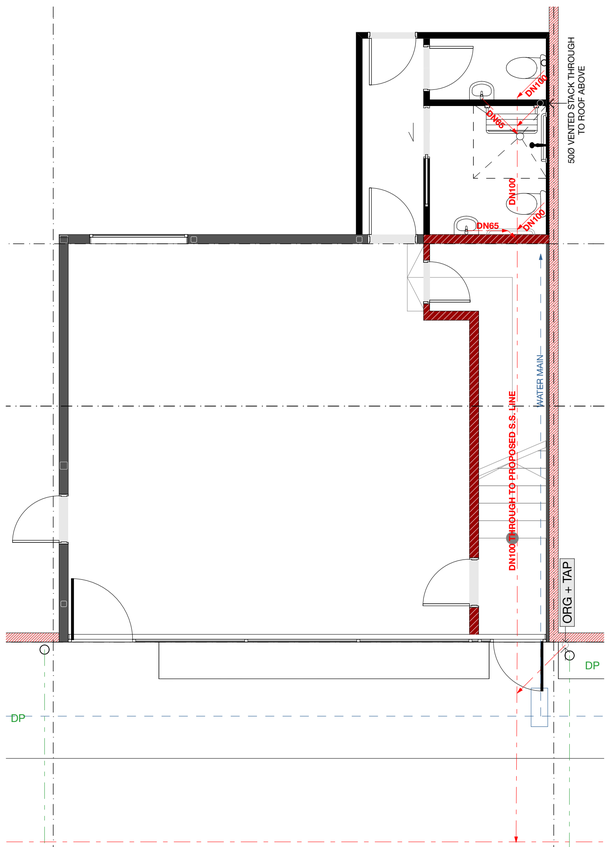



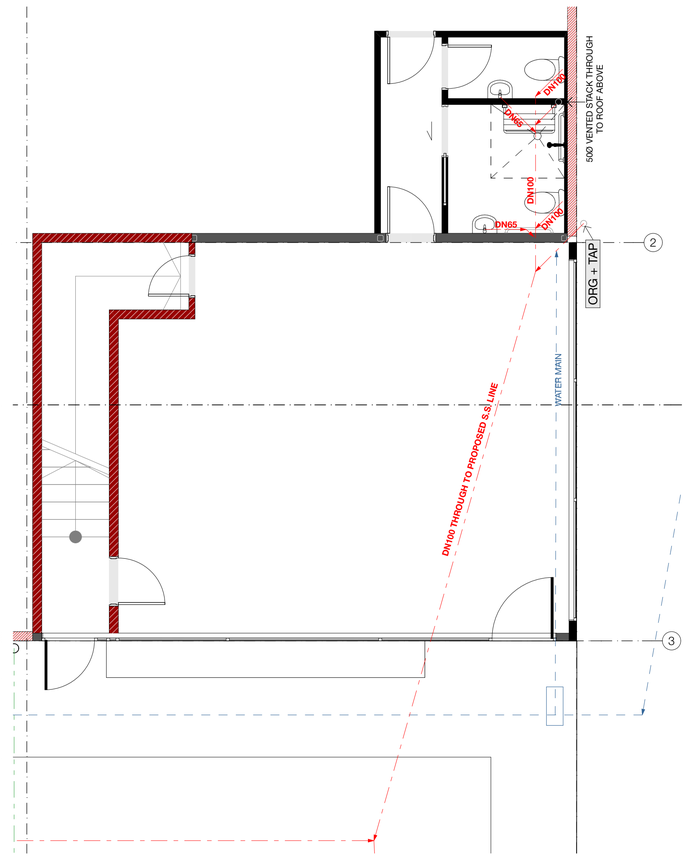

## FIRST FLOOR PLUMBING PLAN - BUILDING 04
Scale1:50

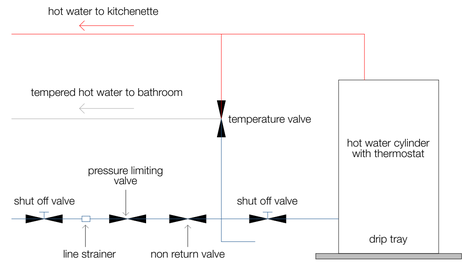



## FIRST FLOOR PLUMBING PLAN - BUILDING 05
Scale1:50




## FIRST FLOOR PLUMBING PLAN - BUILDING 06
Scale1:50




## GROUND FLOOR PLUMBING PLAN - BUILDING 04
Scale1:50

## GROUND FLOOR PLUMBING PLAN - BUILDING 05
Scale1:50

## GROUND FLOOR PLUMBING PLAN - BUILDING 06
Scale1:50

PLUMBING AND DRAINAGE KEY:

- WASTE WATER LINE
- STORM WATER LINE

ABBREVIATIONS:

| | |
|---|---|
| CP | CESSPIT |
| DP | DOWNPIPE |
| FH | FIRE HYDRANT |
| ORG | OVERFLOW RELIEF GULLY |
| SHR | SHOWER |
| S | SINK |
| SS | SANITARY SEWER |
| SW | STORMWATER |
| TV | TERMINAL VENT |
| WC | WATER CLOSET |
| WHB | WASH HAND BASIN |
| WM | WATERMAIN |

NOTE

ALL PLUMBING AND DRAINAGE IS TO COMPLY WITH AS/NZS 3500.2 AND ALL LOCAL COUNCIL BYLAWS.

ORG'S TO HAVE WATER TAP INSTALLED OVERHEAD.

ALL EXTERNAL TAPS TO BE FITTED WITH VACUUM BREAKERS (HCVB) TESTED IN ACCORDANCE WITH AS/NZS 2845 : 1 : 2010.

PLUMBING PIPE MINIMUM FALLS IN ACCORDANCE WITH NZS 3500.2:

| | |
|---|---|
| 65ø | 1:40 |
| 80ø | 1:60 |
| 100ø | 1:60 |
| 150ø | 1:100 |

REFER CIVIL ENGINEERS DESIGN DOCUMENTATION FOR ALL DRAINAGE INFORMATION BEYOND THE LINE OF THE BUILDINGS.

HWC VALVES TO BE CONFIRMED WITH FINAL SELECTION OF HWC.

NOTE:
It is the responsibility of the contractor to verify all dimensions on site prior to commencing all work. The contractor is to ensure that all work complies with the New Zealand Building Code, all ammendments thereof and all relevant New Zealand Standards. All proprietry items and materials shall be fixed and applied in strict accordance with manufacturers specifications. **TAYLORED** architecture & environments Ltd under no circumstances accepts responsibility for payment of any products or services specified.

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PROJECT:
Te Rapa Stage 2
CLIENT: Fosters Construction
SITE: Te Rapa Industrial Park, Hamilton

**FOR CONSTRUCTION ISSUE**

DRAWING TITLE:
PROPOSED PLUMBING PLANS - BUILDINGS 04-06

| PROJECT REF: | |
|---|---|
| T0424 TE RAPA S2 | |
| DATE: 25/06/19 | SCALE: 1:50 @ A1 |
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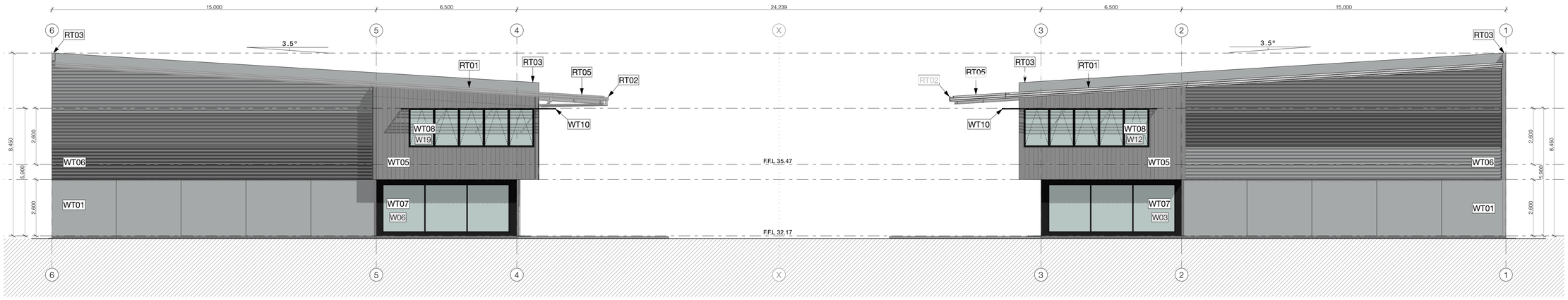
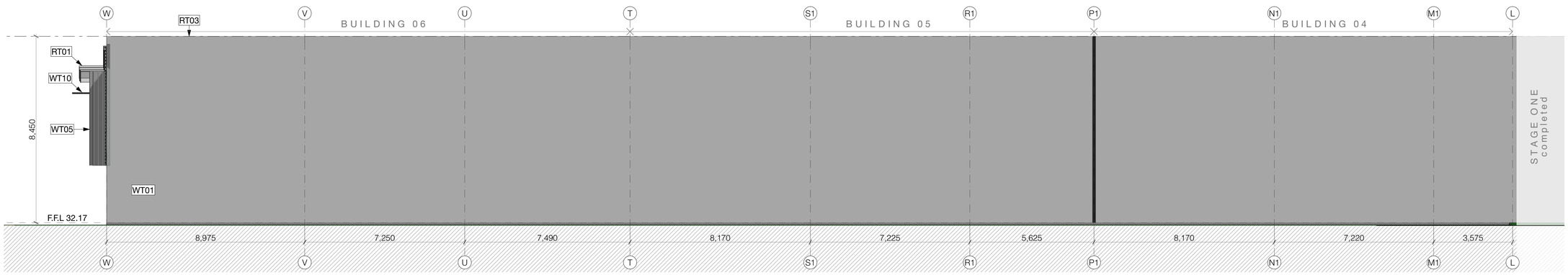



E01 / A15 — ELEVATION 01
1:100




E02 / A15 — ELEVATION 02
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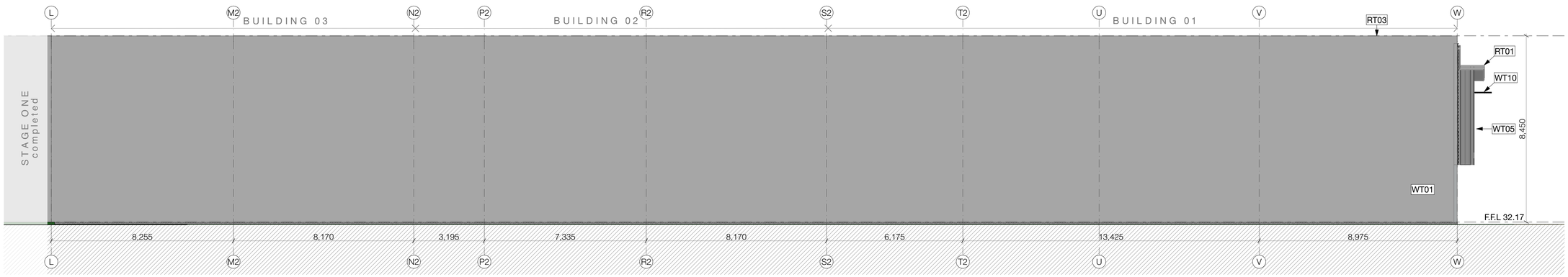


E03 / A15 — ELEVATION 03
1:100

**main notes**
**roof:**

RT01 Roof: 0.55 BMT Dimond BB900 profiled COLORSTEEL roofing with ENDURA finish over selected THERMAKRAFT COVERTEK 405 roofing underlay over safety mesh on roof structure. Office roof cavity insulated with AUTEX greenstuf insulation to achieve min. R3.0

RT02 External gutter: 0.55 BMT box gutter with COLORSTEEL ENDURA finish fixed with hidden brackets to manufacturers specification.

RT03 Parapet / apron roof flashings: 0.55 BMT machine folded flashings with COLORSTEEL ENDURA finish.

RT04 Warehouse roof skylight: AMPELITE SL translucent sheet roofing to match profile of roof fixed over THERMKRAFT AUSMESH safety mesh (galv. coated) on roof structure - to provide 15% daylighting to warehouse space.

RT05 Canopy Roof & Soffit: 0.55 BMT Dimond BB900 profiled COLORSTEEL roofing with ENDURA finish over roof structure and to underside of soffit to provide bird proofing.

**ceiling:**

CT01 Internal office ceiling: USG DONN DX suspended ceiling grid system with selected 1200x600 mineral fibre ceiling tiles SLT edged.

CT02 Internal ceiling: 13mm GIB AQUALINE ceiling lining fixed to ex75x40mm SG8 timber battens @ 600 crs on 140x45mm joists @ 450 crs covered with 19mm marine ply. Max load 1.5kPa.

CT03 Underside of stairs: 16mm GIB FYRLINE lining to underside of timber stair structure in accordance with GIB spec - GBFC60. FR 60/60/60 fire rated lining to extend through to fire rated wall structure

**walls:**

WT01 150mm FR 180/180/180 thick pre-cast concrete panel walls - refer structural and fire engineers documentation.

WT02 Office fire walls: FR 60/60/60 ex150x50 SG8 wall framing with studs at 300 centres lined with 13mm GIB FYRLINE lining to both sides in accordance with GIB specification - GBTL60. Walls to extend to underside of roof above.

WT03 external walls: ex150x50 SG8 wall framing with studs at 600 centres lined with 13mm standard GIB board inside in accordance with GIB specification - GBUW 15. Walls to extend to underside of roof above.

WT04 Internal walls: ex100x50 SG8 wall framing with studs at 600 centres lined with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. Where vinyl is continued up wall WPS water proofing membrane to be used in strict accordance with manufacturers specification. Face of office walls to warehouse finished with 9.5mm selected plywood to a height of 2.4m above finished floor level.

WT05 Office cladding: METALCRAFT KAHU cladding with COLORSTEEL ENDURA finish fixed vertically over 20mm cavity battens over COVERTEK 403 building wrap on ex150x50 SG8 wall framing with studs at 600 centres. Insulated cavity with AUTEX insulation min R2.5

WT06 Warehouse wall cladding: METALCRAFT KAHU cladding with COLORSTEEL ENDURA finish fixed horizontally over 20mm cavity battens over COVERTEK 403 building wrap on precast concrete panel walls.

WT07 Joinery: VANTAGE external window 125 FLUSHGLAZE suite in seismic frames with powder coated finish and Magnum door.

WT08 Joinery: VANTAGE 40 external window METRO suite with powder coated finish.

WT09 Roller door: METALBILT motorised roller shutter door powder coated finish on windsocks all with metal chain and manual back-up.

WT10 Horizontal sun screens: INSOL zenith Al sun screen with selected powdercoat finish. Refer manufacturers specifications for all fixings and structural information.

WT11 Internal strapped walls: ex50x50 SG8 timber strapping at 600 centres with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. AUTEX batt insulation to provide min. R2.5

WT12 Internal walls: ex150x50 SG8 wall framing with studs at 600 centres lined with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. Where vinyl is continued up wall WPS water proofing membrane to be used in strict accordance with manufacturers specification. Face of office walls to warehouse finished with 9.5mm selected plywood to a height of 2.4m above finished floor level.

**floors:**

FT01 Warehouse floor: 150mm thick reinforced concrete slab foundation on DPM and sand blinding on minimum 150mm thick compacted hard fill - refer structural engineers documentation for all structural information.

FT02 Office ground floor: 150mm thick reinforced concrete slab foundation on DPM and sand blinding on minimum 150mm thick compacted hard fill - refer structural engineer.

FT03 Office first floor: FRR 60/60/60 150mm thick Comflor - refer structural engineer.

FT04 Selected commercial grade vinyl flooring

**structural:**

ST01 Structural framing - refer structural engineer documentation for all structural detail.

**note:**

All materials, fittings, fixtures, and finishes to be established in strict accordance with manufactures specification.

This architectural documentation is to be read in conjunction with all specialist documentation and reports. Refer to engineering documentation for all engineering requirements.

**fire design requirements:**

All precast concrete panel walls to provide FR 180/180/180 (150 thick). Ground floor office to be fire rated and separate to the first floor fire cell - all fire rated FR 60/60/60. All supporting structure, stairs and underside of floors to be fire rated FR 60/60/60.

FD FD = fire door. Refer fire report for all fire design requirements.

W03 Window joinery - Refer D & W schedule

Refer finishes plans for floor, wall & ceiling finishes

**FOR CONSTRUCTION ISSUE**

NOTE:
It is the responsibility of the contractor to verify all dimensions on site prior to commencing all work. The contractor is to ensure that all work complies with the New Zealand Building Code, all ammendments thereof and all relevant New Zealand Standards. All proprietry items and materials shall be fixed and applied in strict accordance with manufacturers specifications. **TAYLORED** architecture & environments Ltd under no circumstances accepts responsibility for payment of any products or services specified.

CLIENTS: TE RAPA GATEWAY / FOSTER CONSTRUCTION

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private bag 93010 new lynn auckland 0600

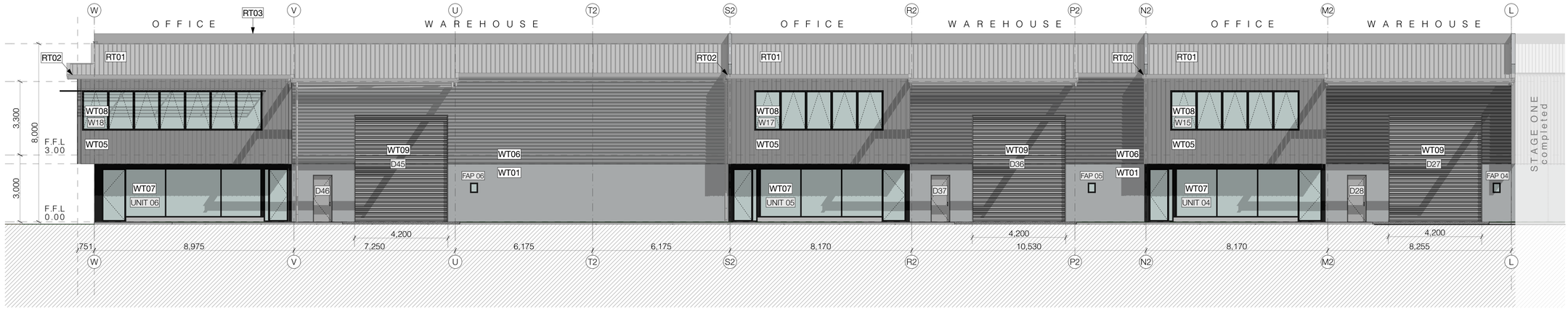
PROJECT: Te Rapa Stage 2
CLIENT: Fosters Construction
SITE: Te Rapa Industrial Park, Hamilton

north

DRAWING TITLE: PROPOSED ELEVATIONS 1

| PROJECT REF: T0424 TE RAPA S2 | |
|---|---|
| DATE: 25/06/19 | SCALE: 1:100, 1:50 @ A1 |
| SHEET: A15 | REV: C01 |


E04 A16 ELEVATION 04
1:100




E05 A16 ELEVATION 05
1:100

**main notes**
**roof:**

RT01 Roof: 0.55 BMT Dimond BB900 profiled COLORSTEEL roofing with ENDURA finish over selected THERMAKRAFT COVERTEK 405 roofing underlay over safety mesh on roof structure. Office roof cavity insulated with AUTEX greenstuf insulation to achieve min. R3.0

RT02 External gutter: 0.55 BMT box gutter with COLORSTEEL ENDURA finish fixed with hidden brackets to manufacturers specification.

RT03 Parapet / apron roof flashings: 0.55 BMT machine folded flashings with COLORSTEEL ENDURA finish.

RT04 Warehouse roof skylight: AMPELITE SL translucent sheet roofing to match profile of roof fixed over THERMKRAFT AUSMESH safety mesh (galv. coated) on roof structure - to provide 15% daylighting to warehouse space.

RT05 Canopy Roof & Soffit: 0.55 BMT Dimond BB900 profiled COLORSTEEL roofing with ENDURA finish over roof structure and to underside of soffit to provide bird proofing.

**ceiling:**

CT01 Internal office ceiling: USG DONN DX suspended ceiling grid system with selected 1200x600 mineral fibre ceiling tiles SLT edged.

CT02 Internal ceiling: 13mm GIB AQUALINE ceiling lining fixed to ex75x40mm SG8 timber battens @ 600 crs on 140x45mm joists @ 450 crs covered with 19mm marine ply. Max load 1.5kPa.

CT03 Underside of stairs: 16mm GIB FYRLINE lining to underside of timber stair structure in accordance with GIB spec - GBFC60. FR 60/60/60 fire rated lining to extend through to fire rated wall structure

**walls:**

WT01 150mm FR 180/180/180 thick pre-cast concrete panel walls - refer structural and fire engineers documentation.

WT02 Office fire walls: FR 60/60/60 ex150x50 SG8 wall framing with studs at 300 centres lined with 13mm GIB FYRLINE lining to both sides in accordance with GIB specification - GBTL60. Walls to extend to underside of roof above.

WT03 external walls: ex150x50 SG8 wall framing with studs at 600 centres lined with 13mm standard GIB board inside in accordance with GIB specification - GBUW 15. Walls to extend to underside of roof above.

WT04 Internal walls: ex100x50 SG8 wall framing with studs at 600 centres lined with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. Where vinyl is continued up wall WPS water proofing membrane to be used in strict accordance with manufacturers specification. Face of office walls to warehouse finished with 9.5mm selected plywood to a height of 2.4m above finished floor level.

WT05 Office cladding: METALCRAFT KAHU cladding with COLORSTEEL ENDURA finish fixed vertically over 20mm cavity battens over COVERTEK 403 building wrap on ex150x50 SG8 wall framing with studs at 600 centres. Insulated cavity with AUTEX insulation min R2.5

WT06 Warehouse wall cladding: METALCRAFT KAHU cladding with COLORSTEEL ENDURA finish fixed horizontally over 20mm cavity battens over COVERTEK 403 building wrap on precast concrete panel walls.

WT07 Joinery: VANTAGE external window 125 FLUSHGLAZE suite in seismic frames with powder coated finish and Magnum door.

WT08 Joinery: VANTAGE 40 external window METRO suite with powder coated finish.

WT09 Roller door: METALBILT motorised roller shutter door powder coated finish on windsocks all with metal chain and manual back-up.

WT10 Horizontal sun screens: INSOL zenith AI sun screen with selected powdercoat finish. Refer manufacturers specifications for all fixings and structural information.

WT11 Internal strapped walls: ex50x50 SG8 timber strapping at 600 centres with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. AUTEX batt insulation to provide min. R2.5

WT12 Internal walls: ex150x50 SG8 wall framing with studs at 600 centres lined with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. Where vinyl is continued up wall WPS water proofing membrane to be used in strict accordance with manufacturers specification. Face of office walls to warehouse finished with 9.5mm selected plywood to a height of 2.4m above finished floor level.

**floors:**

FT01 Warehouse floor: 150mm thick reinforced concrete slab foundation on DPM and sand blinding on minimum 150mm thick compacted hard fill - refer structural engineers documentation for all structural information.

FT02 Office ground floor: 150mm thick reinforced concrete slab foundation on DPM and sand blinding on minimum 150mm thick compacted hard fill - refer structural engineer.

FT03 Office first floor: FRR 60/60/60 150mm thick Comflor - refer structural engineer.

FT04 Selected commercial grade vinyl flooring

**structural:**

ST01 Structural framing - refer structural engineer documentation for all structural detail.

**note:**

All materials, fittings, fixtures, and finishes to be established in strict accordance with manufactures specification.

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**fire design requirements:**

All precast concrete panel walls to provide FR 180/180/180 (150 thick). Ground floor office to be fire rated and separate to the first floor fire cell - all fire rated FR 60/60/60. All supporting structure, stairs and underside of floors to be fire rated FR 60/60/60.

FD FD = fire door. Refer fire report for all fire design requirements.

W03 Window joinery - Refer D & W schedule

Refer finishes plans for floor, wall & ceiling finishes

**FOR CONSTRUCTION ISSUE**



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PROJECT: Te Rapa Stage 2
CLIENT: Fosters Construction
SITE: Te Rapa Industrial Park, Hamilton

DRAWING TITLE: PROPOSED ELEVATIONS 2

| PROJECT REF: T0424 TE RAPA S2 | |
|---|---|
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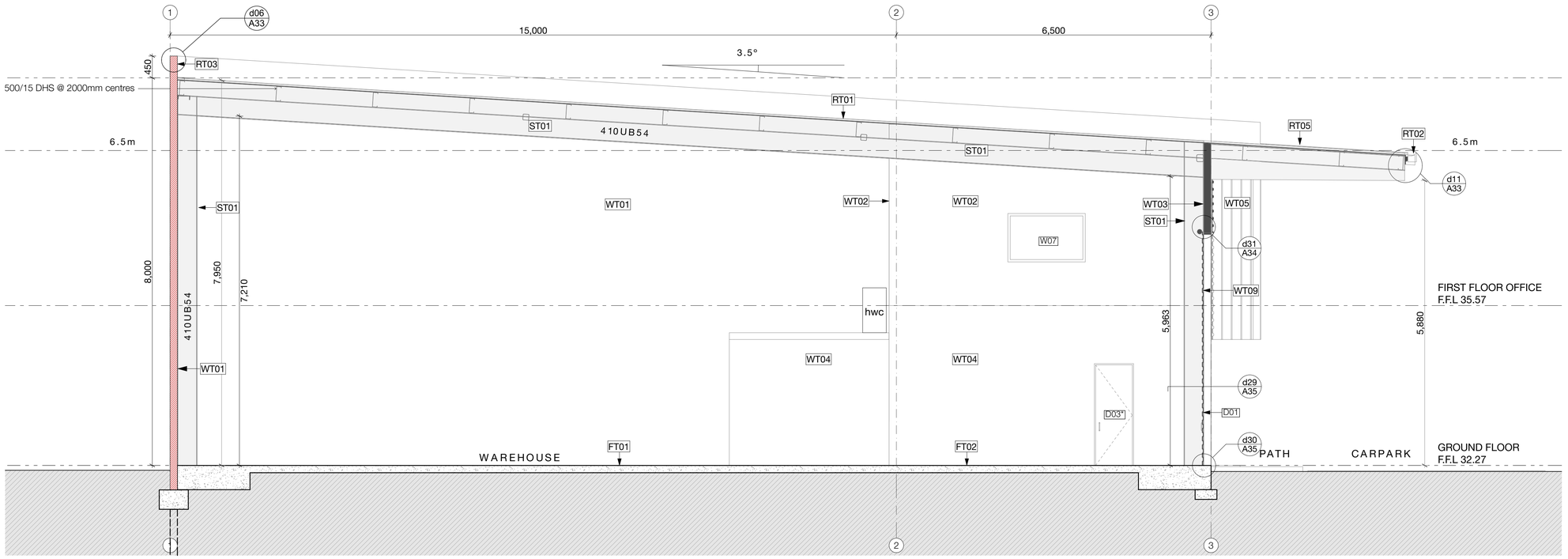
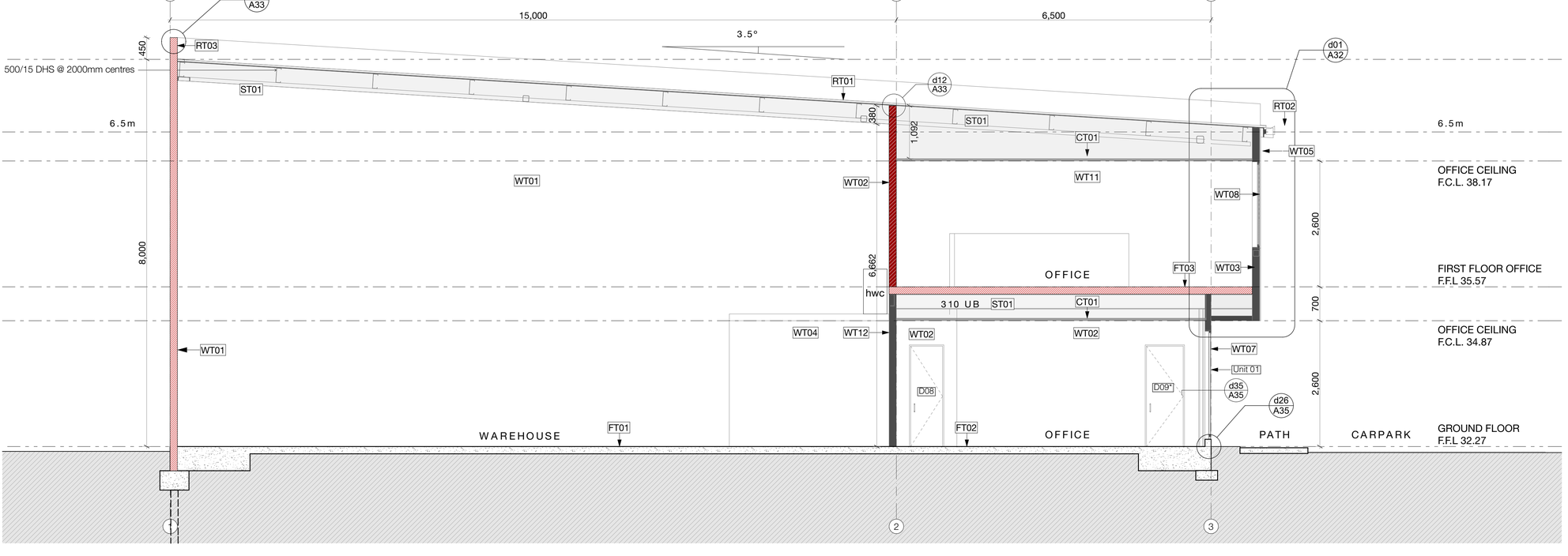
| SHEET: A16 | REV: C01 |




S01
A17

SECTION 01
1:50




S02
A17

SECTION 02
Scale1:50

**main notes**
**roof:**

RT01 Roof: 0.55 BMT Dimond BB900 profiled COLORSTEEL roofing with ENDURA finish over selected THERMAKRAFT COVERTEK 405 roofing underlay over safety mesh on roof structure. Office roof cavity insulated with AUTEX greenstuf insulation to achieve min. R3.0

RT02 External gutter: 0.55 BMT box gutter with COLORSTEEL ENDURA finish fixed with hidden brackets to manufacturers specification.

RT03 Parapet / apron roof flashings: 0.55 BMT machine folded flashings with COLORSTEEL ENDURA finish.

RT04 Warehouse roof skylight: AMPELITE SL translucent sheet roofing to match profile of roof fixed over THERMKRAFT AUSMESH safety mesh (galv. coated) on roof structure - to provide 15% daylighting to warehouse space.

RT05 Canopy Roof & Soffit: 0.55 BMT Dimond BB900 profiled COLORSTEEL roofing with ENDURA finish over roof structure and to underside of soffit to provide bird proofing.

**ceiling:**

CT01 Internal office ceiling: USG DONN DX suspended ceiling grid system with selected 1200x600 mineral fibre ceiling tiles SLT edged.

CT02 Internal ceiling: 13mm GIB AQUALINE ceiling lining fixed to ex75x40mm SG8 timber battens @ 600 crs on 140x45mm joists @ 450 crs covered with 19mm marine ply. Max load 1.5kPa.

CT03 Underside of stairs: 16mm GIB FYRLINE lining to underside of timber stair structure in accordance with GIB spec - GBFC60. FR 60/60/60 fire rated lining to extend through to fire rated wall structure

**walls:**

WT01 150mm FR 180/180/180 thick pre-cast concrete panel walls - refer structural and fire engineers documentation.

WT02 Office fire walls: FR 60/60/60 ex150x50 SG8 wall framing with studs at 300 centres lined with 13mm GIB FYRLINE lining to both sides in accordance with GIB specification - GBTL60. Walls to extend to underside of roof above.

WT03 external walls: ex150x50 SG8 wall framing with studs at 600 centres lined with 13mm standard GIB board inside in accordance with GIB specification - GBUW 15. Walls to extend to underside of roof above.

WT04 Internal walls: ex100x50 SG8 wall framing with studs at 600 centres lined with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. Where vinyl is continued up wall WPS water proofing membrane to be used in strict accordance with manufacturers specification. Face of office walls to warehouse finished with 9.5mm selected plywood to a height of 2.4m above finished floor level.

WT05 Office cladding: METALCRAFT KAHU cladding with COLORSTEEL ENDURA finish fixed vertically over 20mm cavity battens over COVERTEK 403 building wrap on ex150x50 SG8 wall framing with studs at 600 centres. Insulated cavity with AUTEX insulation min R2.5

WT06 Warehouse wall cladding: METALCRAFT KAHU cladding with COLORSTEEL ENDURA finish fixed horizontally over 20mm cavity battens over COVERTEK 403 building wrap on precast concrete panel walls.

WT07 Joinery: VANTAGE external window 125 FLUSHGLAZE suite in seismic frames with powder coated finish and Magnum door.

WT08 Joinery: VANTAGE 40 external window METRO suite with powder coated finish.

WT09 Roller door: METALBILT motorised roller shutter door powder coated finish on windsocks all with metal chain and manual back-up.

WT10 Horizontal sun screens: INSOL zenith AI sun screen with selected powdercoat finish. Refer manufacturers specifications for all fixings and structural information.

WT11 Internal strapped walls: ex50x50 SG8 timber strapping at 600 centres with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. AUTEX batt insulation to provide min. R2.5

WT12 Internal walls: ex150x50 SG8 wall framing with studs at 600 centres lined with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. Where vinyl is continued up wall WPS water proofing membrane to be used in strict accordance with manufacturers specification. Face of office walls to warehouse finished with 9.5mm selected plywood to a height of 2.4m above finished floor level.

**floors:**

FT01 Warehouse floor: 150mm thick reinforced concrete slab foundation on DPM and sand blinding on minimum 150mm thick compacted hard fill - refer structural engineers documentation for all structural information.

FT02 Office ground floor: 150mm thick reinforced concrete slab foundation on DPM and sand blinding on minimum 150mm thick compacted hard fill - refer structural engineer.

FT03 Office first floor: FRR 60/60/60 150mm thick Comflor - refer structural engineer.

FT04 Selected commercial grade vinyl flooring

**structural:**

ST01 Structural framing - refer structural engineer documentation for all structural detail.

**note:**

All materials, fittings, fixtures, and finishes to be established in strict accordance with manufactures specification.

This architectural documentation is to be read in conjunction with all specialist documentation and reports. Refer to engineering documentation for all engineering requirements.

**fire design requirements:**

All precast concrete panel walls to provide FR 180/180/180 (150 thick). Ground floor office to be fire rated and separate to the first floor fire cell - all fire rated FR 60/60/60. All supporting structure, stairs and underside of floors to be fire rated FR 60/60/60.

FD FD = fire door. Refer fire report for all fire design requirements.

W03 Window joinery - Refer D & W schedule

Refer finishes plans for floor, wall & ceiling finishes

**FOR CONSTRUCTION ISSUE**

NOTE:
It is the responsibility of the contractor to verify all dimensions on site prior to commencing all work. The contractor is to ensure that all work complies with the New Zealand Building Code, all ammendments thereof and all relevant New Zealand Standards. All proprietry items and materials shall be fixed and applied in strict accordance with manufacturers specifications. **TAYLORED** architecture & environments Ltd under no circumstances accepts responsibility for payment of any products or services specified.

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| C01 | 25/06/19 |


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PROJECT:
Te Rapa Stage 2
CLIENT: Fosters Construction
SITE:Te Rapa Industrial Park, Hamilton

NORTH

DRAWING TITLE:
PROPOSED CROSS SECTIONS

PROJECT REF:
T0424 TE RAPA S2

| DATE: | SCALE: |
|---|---|
| 25/06/19 | 1:50 @ A1 |
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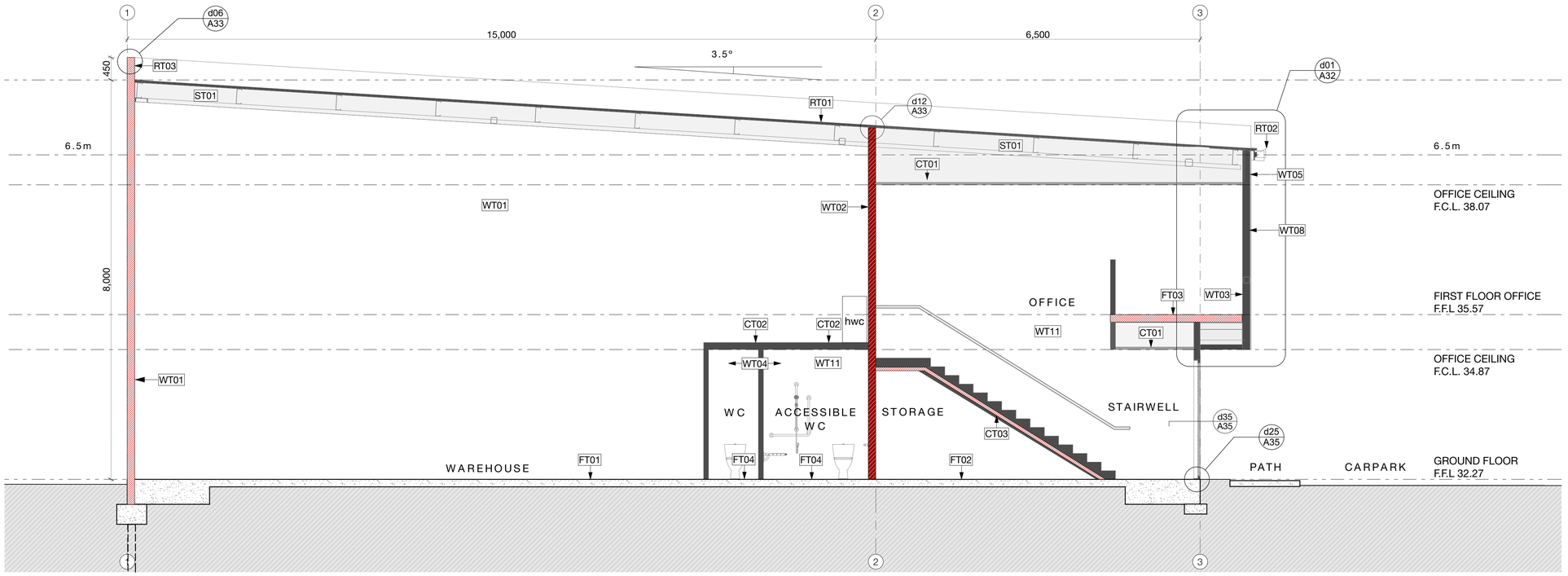
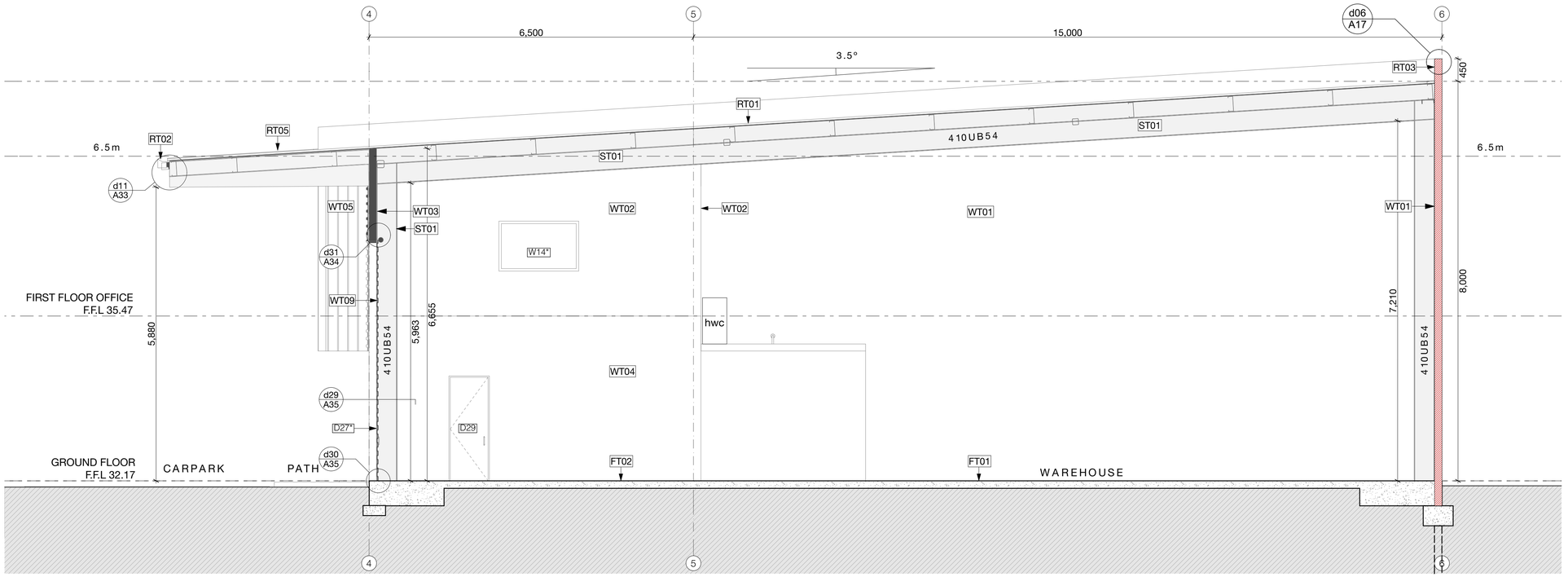



S03
A18

SECTION 03
Scale1:50




S04
A18

SECTION 04
Scale1:50

**main notes**
**roof:**

RT01 Roof: 0.55 BMT Dimond BB900 profiled COLORSTEEL roofing with ENDURA finish over selected THERMAKRAFT COVERTEK 405 roofing underlay over safety mesh on roof structure. Office roof cavity insulated with AUTEX greenstuf insulation to achieve min. R3.0

RT02 External gutter: 0.55 BMT box gutter with COLORSTEEL ENDURA finish fixed with hidden brackets to manufacturers specification.

RT03 Parapet / apron roof flashings: 0.55 BMT machine folded flashings with COLORSTEEL ENDURA finish.

RT04 Warehouse roof skylight: AMPELITE SL translucent sheet roofing to match profile of roof fixed over THERMKRAFT AUSMESH safety mesh (galv. coated) on roof structure - to provide 15% daylighting to warehouse space.

RT05 Canopy Roof & Soffit: 0.55 BMT Dimond BB900 profiled COLORSTEEL roofing with ENDURA finish over roof structure and to underside of soffit to provide bird proofing.

**ceiling:**

CT01 Internal office ceiling: USG DONN DX suspended ceiling grid system with selected 1200x600 mineral fibre ceiling tiles SLT edged.

CT02 Internal ceiling: 13mm GIB AQUALINE ceiling lining fixed to ex75x40mm SG8 timber battens @ 600 crs on 140x45mm joists @ 450 crs covered with 19mm marine ply. Max load 1.5kPa.

CT03 Underside of stairs: 16mm GIB FYRLINE lining to underside of timber stair structure in accordance with GIB spec - GBFC60. FR 60/60/60 fire rated lining to extend through to fire rated wall structure

**walls:**

WT01 150mm FR 180/180/180 thick pre-cast concrete panel walls - refer structural and fire engineers documentation.

WT02 Office fire walls: FR 60/60/60 ex150x50 SG8 wall framing with studs at 300 centres lined with 13mm GIB FYRLINE lining to both sides in accordance with GIB specification - GBTL60. Walls to extend to underside of roof above.

WT03 external walls: ex150x50 SG8 wall framing with studs at 600 centres lined with 13mm standard GIB board inside in accordance with GIB specification - GBUW 15. Walls to extend to underside of roof above.

WT04 Internal walls: ex100x50 SG8 wall framing with studs at 600 centres lined with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. Where vinyl is continued up wall WPS water proofing membrane to be used in strict accordance with manufacturers specification. Face of office walls to warehouse finished with 9.5mm selected plywood to a height of 2.4m above finished floor level.

WT05 Office cladding: METALCRAFT KAHU cladding with COLORSTEEL ENDURA finish fixed vertically over 20mm cavity battens over COVERTEK 403 building wrap on ex150x50 SG8 wall framing with studs at 600 centres. Insulated cavity with AUTEX insulation min R2.5

WT06 Warehouse wall cladding: METALCRAFT KAHU cladding with COLORSTEEL ENDURA finish fixed horizontally over 20mm cavity battens over COVERTEK 403 building wrap on precast concrete panel walls.

WT07 Joinery: VANTAGE external window 125 FLUSHGLAZE suite in seismic frames with powder coated finish and Magnum door.

WT08 Joinery: VANTAGE 40 external window METRO suite with powder coated finish.

WT09 Roller door: METALBILT motorised roller shutter door powder coated finish on windsocks all with metal chain and manual back-up.

WT10 Horizontal sun screens: INSOL zenith Al sun screen with selected powdercoat finish. Refer manufacturers specifications for all fixings and structural information.

WT11 Internal strapped walls: ex50x50 SG8 timber strapping at 600 centres with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. AUTEX batt insulation to provide min. R2.5

WT12 Internal walls: ex150x50 SG8 wall framing with studs at 600 centres lined with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. Where vinyl is continued up wall WPS water proofing membrane to be used in strict accordance with manufacturers specification. Face of office walls to warehouse finished with 9.5mm selected plywood to a height of 2.4m above finished floor level.

**floors:**

FT01 Warehouse floor: 150mm thick reinforced concrete slab foundation on DPM and sand blinding on minimum 150mm thick compacted hard fill - refer structural engineers documentation for all structural information.

FT02 Office ground floor: 150mm thick reinforced concrete slab foundation on DPM and sand blinding on minimum 150mm thick compacted hard fill - refer structural engineer.

FT03 Office first floor: FRR 60/60/60 150mm thick Comflor - refer structural engineer.

FT04 Selected commercial grade vinyl flooring

**structural:**

ST01 Structural framing - refer structural engineer documentation for all structural detail.

**note:**

All materials, fittings, fixtures, and finishes to be established in strict accordance with manufactures specification.

This architectural documentation is to be read in conjunction with all specialist documentation and reports. Refer to engineering documentation for all engineering requirements.

**fire design requirements:**

All precast concrete panel walls to provide FR 180/180/180 (150 thick). Ground floor office to be fire rated and separate to the first floor fire cell - all fire rated FR 60/60/60. All supporting structure, stairs and underside of floors to be fire rated FR 60/60/60.

FD FD = fire door. Refer fire report for all fire design requirements.

W03 Window joinery - Refer D & W schedule

Refer finishes plans for floor, wall & ceiling finishes

**FOR CONSTRUCTION ISSUE**

NOTE:
It is the responsibility of the contractor to verify all dimensions on site prior to commencing all work. The contractor is to ensure that all work complies with the New Zealand Building Code, all ammendments thereof and all relevant New Zealand Standards. All proprietry items and materials shall be fixed and applied in strict accordance with manufacturers specifications. **TAYLORED** architecture & environments Ltd under no circumstances accepts responsibility for payment of any products or services specified.

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PROJECT:
Te Rapa Stage 2
CLIENT: Fosters Construction
SITE: Te Rapa Industrial Park, Hamilton

NORTH

DRAWING TITLE:
PROPOSED CROSS SECTIONS

| PROJECT REF: | |
|---|---|
| T0424 TE RAPA S2 | |
| DATE: 25/06/19 | SCALE: 1:50 @ A1 |
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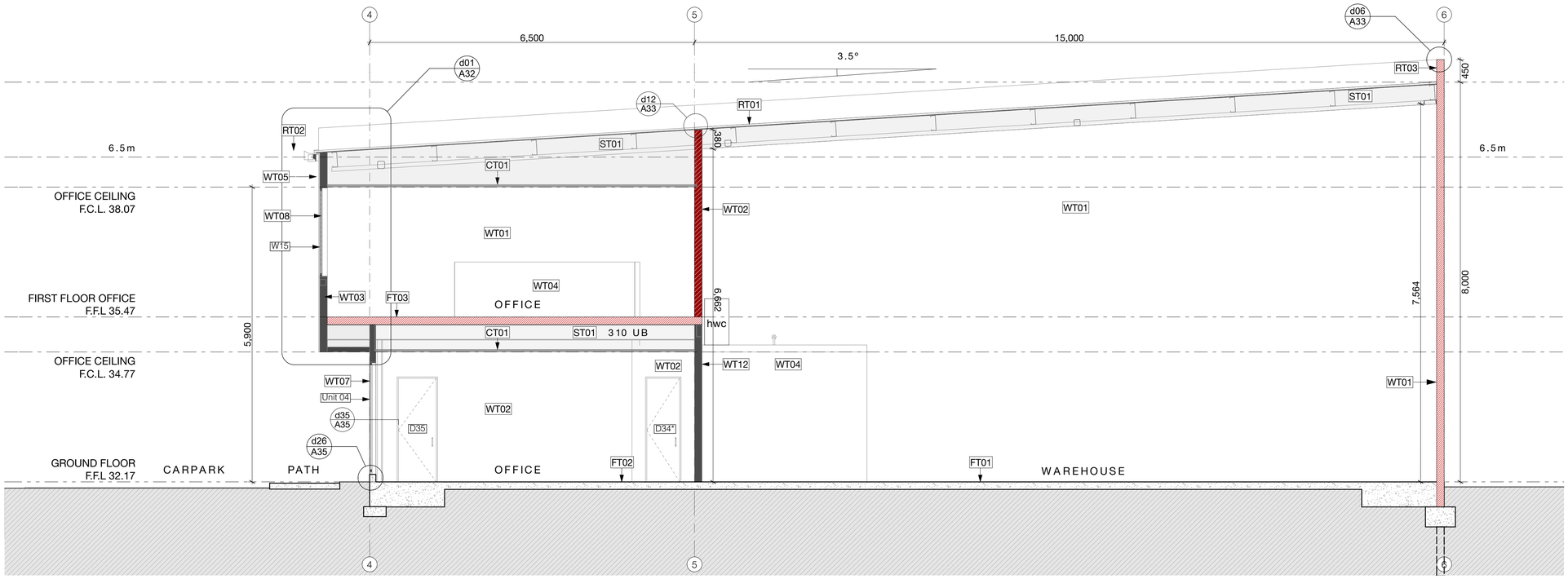
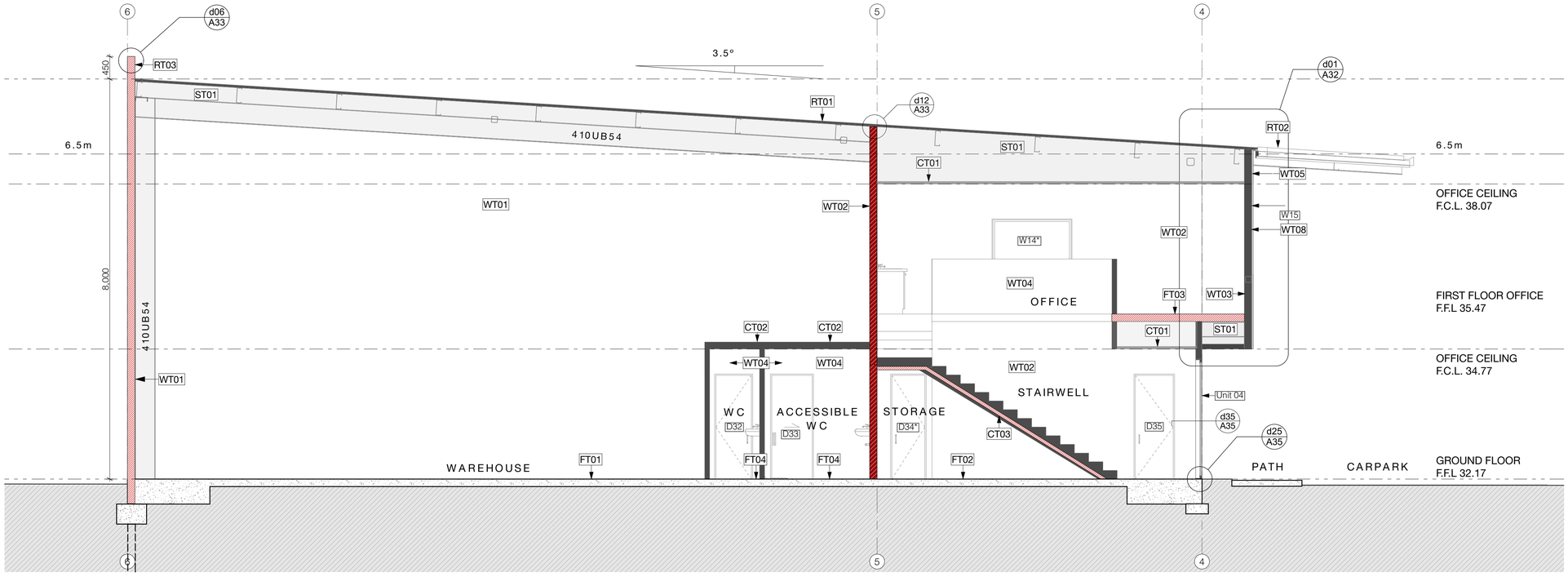



S05 A19 SECTION 05
Scale1:50




S06 A19 SECTION 06
Scale1:50

**main notes**
**roof:**

RT01 Roof: 0.55 BMT Dimond BB900 profiled COLORSTEEL roofing with ENDURA finish over selected THERMAKRAFT COVERTEK 405 roofing underlay over safety mesh on roof structure. Office roof cavity insulated with AUTEX greenstuf insulation to achieve min. R3.0

RT02 External gutter: 0.55 BMT box gutter with COLORSTEEL ENDURA finish fixed with hidden brackets to manufacturers specification.

RT03 Parapet / apron roof flashings: 0.55 BMT machine folded flashings with COLORSTEEL ENDURA finish.

RT04 Warehouse roof skylight: AMPELITE SL translucent sheet roofing to match profile of roof fixed over THERMKRAFT AUSMESH safety mesh (galv. coated) on roof structure - to provide 15% daylighting to warehouse space.

RT05 Canopy Roof & Soffit: 0.55 BMT Dimond BB900 profiled COLORSTEEL roofing with ENDURA finish over roof structure and to underside of soffit to provide bird proofing.

**ceiling:**

CT01 Internal office ceiling: USG DONN DX suspended ceiling grid system with selected 1200x600 mineral fibre ceiling tiles SLT edged.

CT02 Internal ceiling: 13mm GIB AQUALINE ceiling lining fixed to ex75x40mm SG8 timber battens @ 600 crs on 140x45mm joists @ 450 crs covered with 19mm marine ply. Max load 1.5kPa.

CT03 Underside of stairs: 16mm GIB FYRLINE lining to underside of timber stair structure in accordance with GIB spec - GBFC60. FR 60/60/60 fire rated lining to extend through to fire rated wall structure

**walls:**

WT01 150mm FR 180/180/180 thick pre-cast concrete panel walls - refer structural and fire engineers documentation.

WT02 Office fire walls: FR 60/60/60 ex150x50 SG8 wall framing with studs at 300 centres lined with 13mm GIB FYRLINE lining to both sides in accordance with GIB specification - GBTL60. Walls to extend to underside of roof above.

WT03 external walls: ex150x50 SG8 wall framing with studs at 600 centres lined with 13mm standard GIB board inside in accordance with GIB specification - GBUW 15. Walls to extend to underside of roof above.

WT04 Internal walls: ex100x50 SG8 wall framing with studs at 600 centres lined with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. Where vinyl is continued up wall WPS water proofing membrane to be used in strict accordance with manufacturers specification. Face of office walls to warehouse finished with 9.5mm selected plywood to a height of 2.4m above finished floor level.

WT05 Office cladding: METALCRAFT KAHU cladding with COLORSTEEL ENDURA finish fixed vertically over 20mm cavity battens over COVERTEK 403 building wrap on ex150x50 SG8 wall framing with studs at 600 centres. Insulated cavity with AUTEX insulation min R2.5

WT06 Warehouse wall cladding: METALCRAFT KAHU cladding with COLORSTEEL ENDURA finish fixed horizontally over 20mm cavity battens over COVERTEK 403 building wrap on precast concrete panel walls.

WT07 Joinery: VANTAGE external window 125 FLUSHGLAZE suite in seismic frames with powder coated finish and Magnum door.

WT08 Joinery: VANTAGE 40 external window METRO suite with powder coated finish.

WT09 Roller door: METALBILT motorised roller shutter door powder coated finish on windsocks all with metal chain and manual back-up.

WT10 Horizontal sun screens: INSOL zenith Al sun screen with selected powdercoat finish. Refer manufacturers specifications for all fixings and structural information.

WT11 Internal strapped walls: ex50x50 SG8 timber strapping at 600 centres with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. AUTEX batt insulation to provide min. R2.5

WT12 Internal walls: ex150x50 SG8 wall framing with studs at 600 centres lined with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. Where vinyl is continued up wall WPS water proofing membrane to be used in strict accordance with manufacturers specification. Face of office walls to warehouse finished with 9.5mm selected plywood to a height of 2.4m above finished floor level.

**floors:**

FT01 Warehouse floor: 150mm thick reinforced concrete slab foundation on DPM and sand blinding on minimum 150mm thick compacted hard fill - refer structural engineers documentation for all structural information.

FT02 Office ground floor: 150mm thick reinforced concrete slab foundation on DPM and sand blinding on minimum 150mm thick compacted hard fill - refer structural engineer.

FT03 Office first floor: FRR 60/60/60 150mm thick Comflor - refer structural engineer.

FT04 Selected commercial grade vinyl flooring

**structural:**

ST01 Structural framing - refer structural engineer documentation for all structural detail.

**note:**

All materials, fittings, fixtures, and finishes to be established in strict accordance with manufactures specification.

This architectural documentation is to be read in conjunction with all specialist documentation and reports. Refer to engineering documentation for all engineering requirements.

**fire design requirements:**

All precast concrete panel walls to provide FR 180/180/180 (150 thick). Ground floor office to be fire rated and separate to the first floor fire cell - all fire rated FR 60/60/60. All supporting structure, stairs and underside of floors to be fire rated FR 60/60/60.

FD FD = fire door. Refer fire report for all fire design requirements.

W03 Window joinery - Refer D & W schedule

Refer finishes plans for floor, wall & ceiling finishes

**FOR CONSTRUCTION ISSUE**

NOTE:
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private bag 93010 new lynn auckland 0600


PROJECT:
Te Rapa Stage 2
CLIENT: Fosters Construction
SITE:Te Rapa Industrial Park, Hamilton

DRAWING TITLE:
PROPOSED CROSS SECTIONS

PROJECT REF: T0424 TE RAPA S2

| DATE: | SCALE: |
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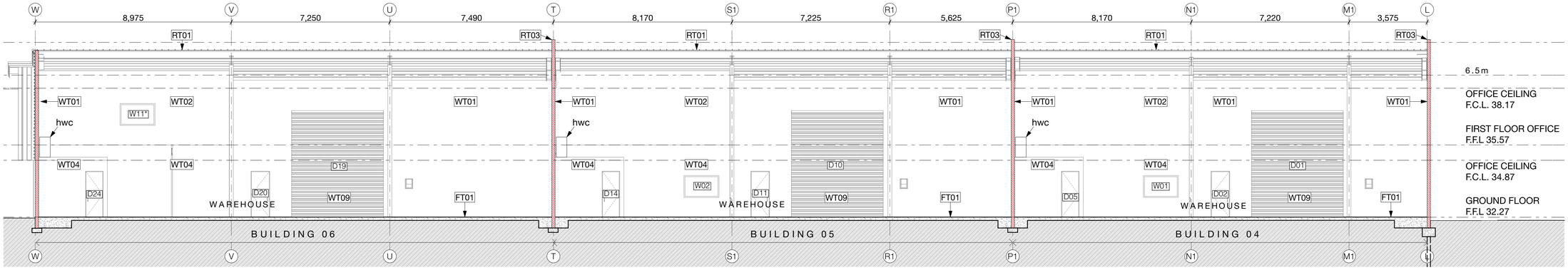
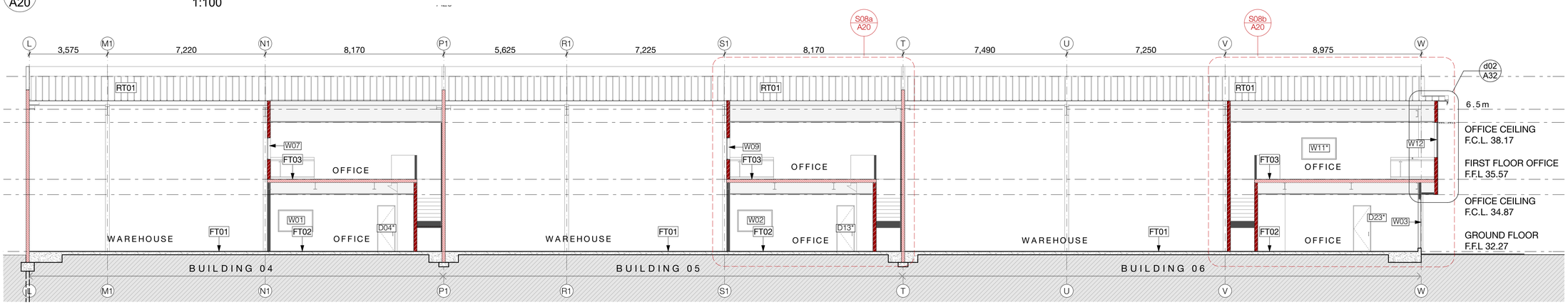



S07 A20 — SECTION 07 — 1:100

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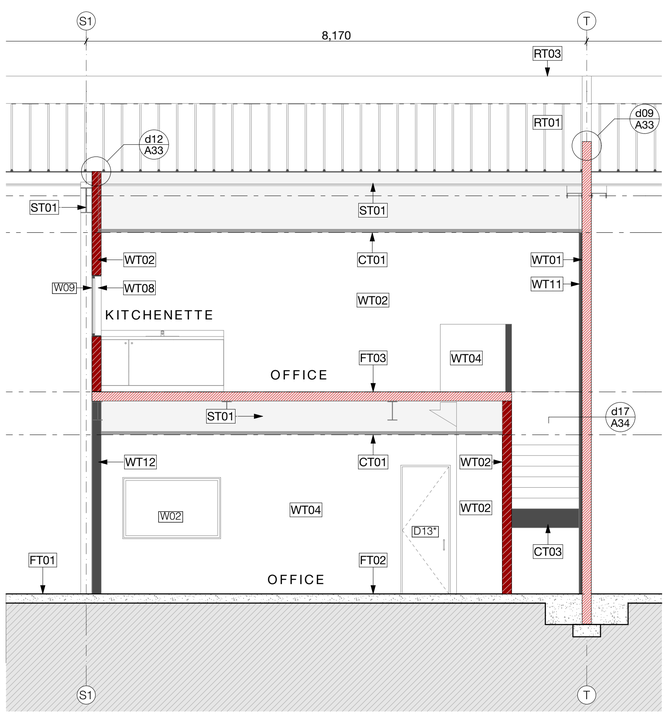
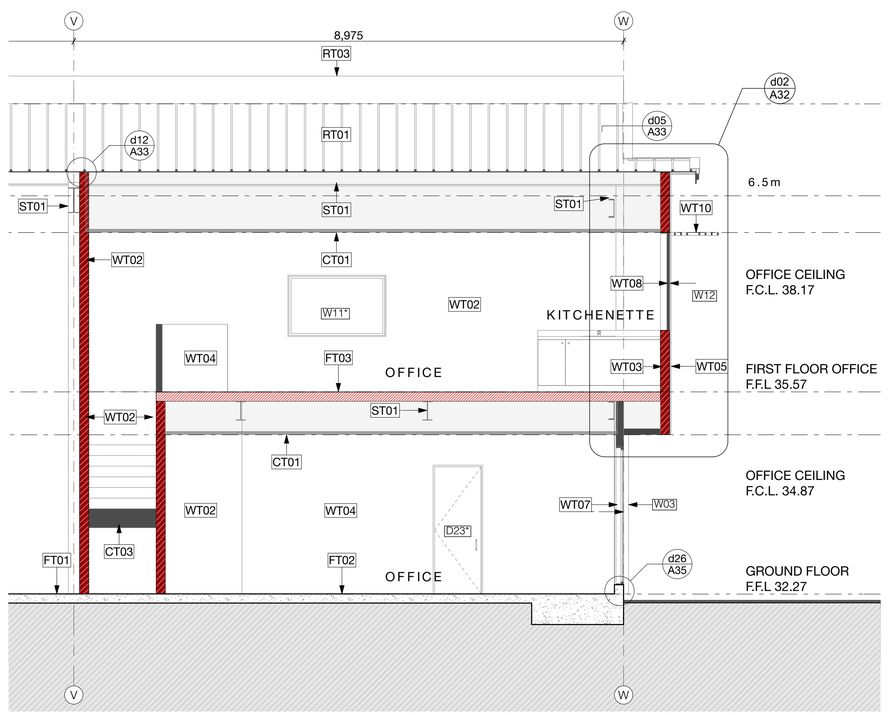



S08b A20 — SECTION 08a — 1:50

S08b A20 — SECTION 8b — 1:50




**main notes**

**roof:**

RT01 Roof: 0.55 BMT Dimond BB900 profiled COLORSTEEL roofing with ENDURA finish over selected THERMAKRAFT COVERTEK 405 roofing underlay over safety mesh on roof structure. Office roof cavity insulated with AUTEX greenstuf insulation to achieve min. R3.0

RT02 External gutter: 0.55 BMT box gutter with COLORSTEEL ENDURA finish fixed with hidden brackets to manufacturers specification.

RT03 Parapet / apron roof flashings: 0.55 BMT machine folded flashings with COLORSTEEL ENDURA finish.

RT04 Warehouse roof skylight: AMPELITE SL translucent sheet roofing to match profile of roof fixed over THERMKRAFT AUSMESH safety mesh (galv. coated) on roof structure - to provide 15% daylighting to warehouse space.

RT05 Canopy Roof & Soffit: 0.55 BMT Dimond BB900 profiled COLORSTEEL roofing with ENDURA finish over roof structure and to underside of soffit to provide bird proofing.

**ceiling:**

CT01 Internal office ceiling: USG DONN DX suspended ceiling grid system with selected 1200x600 mineral fibre ceiling tiles SLT edged.

CT02 Internal ceiling: 13mm GIB AQUALINE ceiling lining fixed to ex75x40mm SG8 timber battens @ 600 crs on 140x45mm joists @ 450 crs covered with 19mm marine ply. Max load 1.5kPa.

CT03 Underside of stairs: 16mm GIB FYRLINE lining to underside of timber stair structure in accordance with GIB spec - GBFC60. FR 60/60/60 fire rated lining to extend through to fire rated wall structure

**walls:**

WT01 150mm FR 180/180/180 thick pre-cast concrete panel walls - refer structural and fire engineers documentation.

WT02 Office fire walls: FR 60/60/60 ex150x50 SG8 wall framing with studs at 300 centres lined with 13mm GIB FYRLINE lining to both sides in accordance with GIB specification - GBTL60. Walls to extend to underside of roof above.

WT03 external walls: ex150x50 SG8 wall framing with studs at 600 centres lined with 13mm standard GIB board inside in accordance with GIB specification - GBUW 15. Walls to extend to underside of roof above.

WT04 Internal walls: ex100x50 SG8 wall framing with studs at 600 centres lined with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. Where vinyl is continued up wall WPS water proofing membrane to be used in strict accordance with manufacturers specification. Face of office walls to warehouse finished with 9.5mm selected plywood to a height of 2.4m above finished floor level.

WT05 Office cladding: METALCRAFT KAHU cladding with COLORSTEEL ENDURA finish fixed vertically over 20mm cavity battens over COVERTEK 403 building wrap on ex150x50 SG8 wall framing with studs at 600 centres. Insulated cavity with AUTEX insulation min R2.5

WT06 Warehouse wall cladding: METALCRAFT KAHU cladding with COLORSTEEL ENDURA finish fixed horizontally over 20mm cavity battens over COVERTEK 403 building wrap on precast concrete panel walls.

WT07 Joinery: VANTAGE external window 125 FLUSHGLAZE suite in seismic frames with powder coated finish and Magnum door.

WT08 Joinery: VANTAGE 40 external window METRO suite with powder coated finish.

WT09 Roller door: METALBILT motorised roller shutter door powder coated finish on windsocks all with metal chain and manual back-up.

WT10 Horizontal sun screens: INSOL zenith AI sun screen with selected powdercoat finish. Refer manufacturers specifications for all fixings and structural information.

WT11 Internal strapped walls: ex50x50 SG8 timber strapping at 600 centres with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. AUTEX batt insulation to provide min. R2.5

WT12 Internal walls: ex150x50 SG8 wall framing with studs at 600 centres lined with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. Where vinyl is continued up wall WPS water proofing membrane to be used in strict accordance with manufacturers specification. Face of office walls to warehouse finished with 9.5mm selected plywood to a height of 2.4m above finished floor level.

**floors:**

FT01 Warehouse floor: 150mm thick reinforced concrete slab foundation on DPM and sand blinding on minimum 150mm thick compacted hard fill - refer structural engineers documentation for all structural information.

FT02 Office ground floor: 150mm thick reinforced concrete slab foundation on DPM and sand blinding on minimum 150mm thick compacted hard fill - refer structural engineer.

FT03 Office first floor: FRR 60/60/60 150mm thick Comflor - refer structural engineer.

FT04 Selected commercial grade vinyl flooring

**structural:**

ST01 Structural framing - refer structural engineer documentation for all structural detail.

**note:**

All materials, fittings, fixtures, and finishes to be established in strict accordance with manufactures specification.

This architectural documentation is to be read in conjunction with all specialist documentation and reports. Refer to engineering documentation for all engineering requirements.

**fire design requirements:**

All precast concrete panel walls to provide FR 180/180/180 (150 thick). Ground floor office to be fire rated and separate to the first floor fire cell - all fire rated FR 60/60/60. All supporting structure, stairs and underside of floors to be fire rated FR 60/60/60.

FD FD = fire door. Refer fire report for all fire design requirements.

W03 Window joinery - Refer D & W schedule

Refer finishes plans for floor, wall & ceiling finishes

**FOR CONSTRUCTION ISSUE**

NOTE:
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CLIENTS: TE RAPA GATEWAY / FOSTER CONSTRUCTION

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| C01 | 25/06/19 |

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private bag 93010 new lynn auckland 0600

PROJECT: Te Rapa Stage 2
CLIENT: Fosters Construction
SITE: Te Rapa Industrial Park, Hamilton

DRAWING TITLE: PROPOSED LONG SECTIONS

| PROJECT REF: T0424 TE RAPA S2 | |
|---|---|
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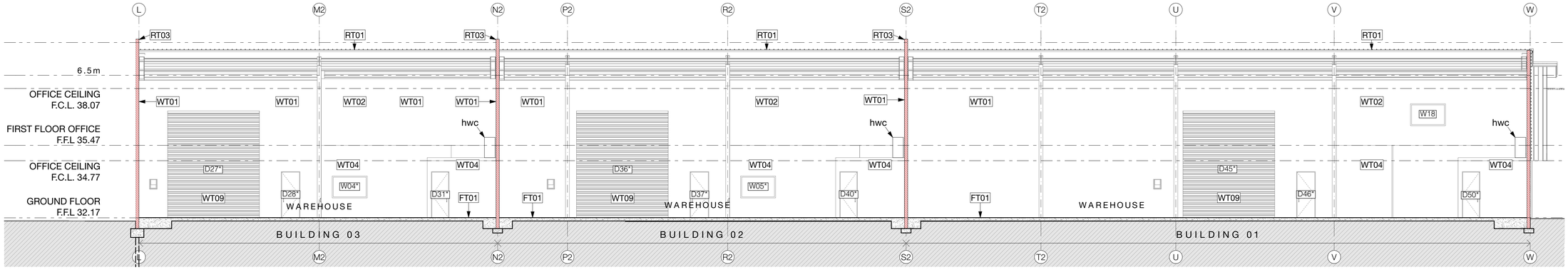


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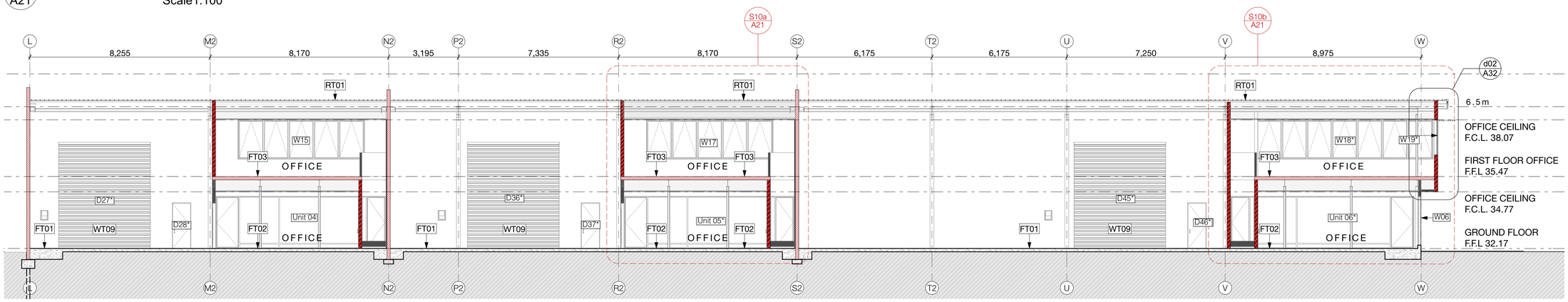


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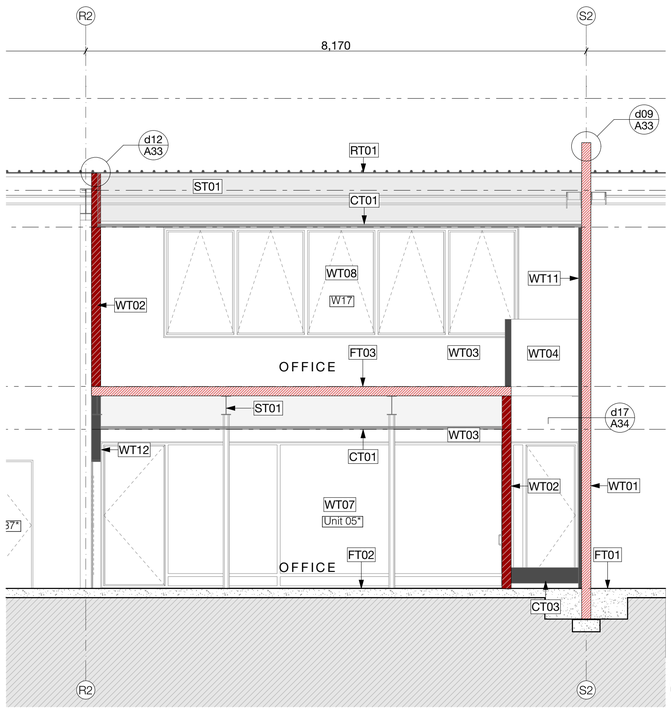
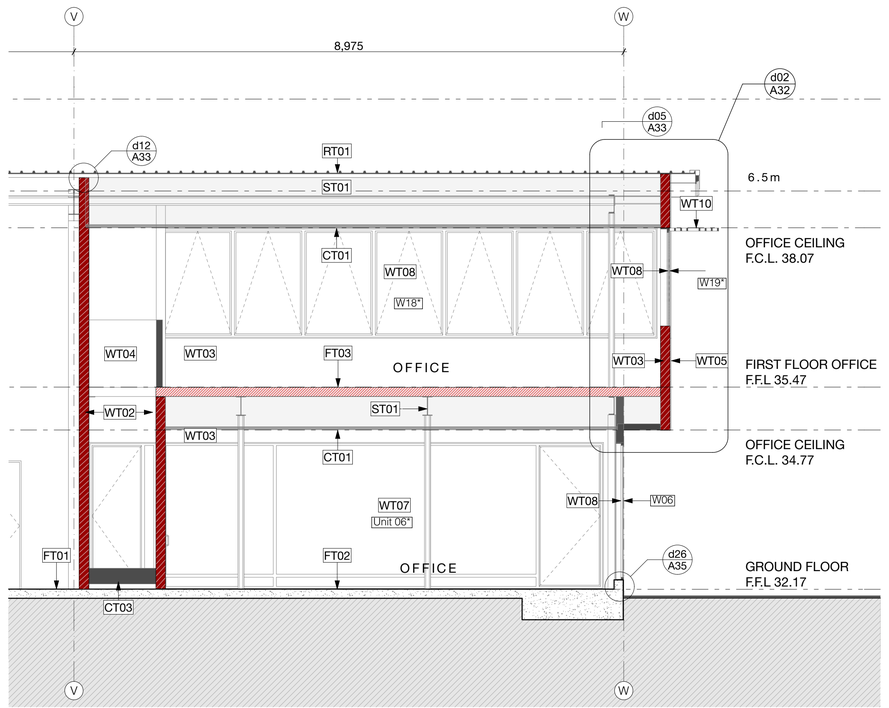



S10a A21 SECTION 10a Scale1:50

S10b A21 SECTION 10b Scale1:50




**main notes**

**roof:**

RT01 Roof: 0.55 BMT Dimond BB900 profiled COLORSTEEL roofing with ENDURA finish over selected THERMAKRAFT COVERTEK 405 roofing underlay over safety mesh on roof structure. Office roof cavity insulated with AUTEX greenstuf insulation to achieve min. R3.0

RT02 External gutter: 0.55 BMT box gutter with COLORSTEEL ENDURA finish fixed with hidden brackets to manufacturers specification.

RT03 Parapet / apron roof flashings: 0.55 BMT machine folded flashings with COLORSTEEL ENDURA finish.

RT04 Warehouse roof skylight: AMPELITE SL translucent sheet roofing to match profile of roof fixed over THERMKRAFT AUSMESH safety mesh (galv. coated) on roof structure - to provide 15% daylighting to warehouse space.

RT05 Canopy Roof & Soffit: 0.55 BMT Dimond BB900 profiled COLORSTEEL roofing with ENDURA finish over roof structure and to underside of soffit to provide bird proofing.

**ceiling:**

CT01 Internal office ceiling: USG DONN DX suspended ceiling grid system with selected 1200x600 mineral fibre ceiling tiles SLT edged.

CT02 Internal ceiling: 13mm GIB AQUALINE ceiling lining fixed to ex75x40mm SG8 timber battens @ 600 crs on 140x45mm joists @ 450 crs covered with 19mm marine ply. Max load 1.5kPa.

CT03 Underside of stairs: 16mm GIB FYRLINE lining to underside of timber stair structure in accordance with GIB spec - GBFC60. FR 60/60/60 fire rated lining to extend through to fire rated wall structure

**walls:**

WT01 150mm FR 180/180/180 thick pre-cast concrete panel walls - refer structural and fire engineers documentation.

WT02 Office fire walls: FR 60/60/60 ex150x50 SG8 wall framing with studs at 300 centres lined with 13mm GIB FYRLINE lining to both sides in accordance with GIB specification - GBTL60. Walls to extend to underside of roof above.

WT03 external walls: ex150x50 SG8 wall framing with studs at 600 centres lined with 13mm standard GIB board inside in accordance with GIB specification - GBUW 15. Walls to extend to underside of roof above.

WT04 Internal walls: ex100x50 SG8 wall framing with studs at 600 centres lined with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. Where vinyl is continued up wall WPS water proofing membrane to be used in strict accordance with manufacturers specification. Face of office walls to warehouse finished with 9.5mm selected plywood to a height of 2.4m above finished floor level.

WT05 Office cladding: METALCRAFT KAHU cladding with COLORSTEEL ENDURA finish fixed vertically over 20mm cavity battens over COVERTEK 403 building wrap on ex150x50 SG8 wall framing with studs at 600 centres. Insulated cavity with AUTEX insulation min R2.5

WT06 Warehouse wall cladding: METALCRAFT KAHU cladding with COLORSTEEL ENDURA finish fixed horizontally over 20mm cavity battens over COVERTEK 403 building wrap on precast concrete panel walls.

WT07 Joinery: VANTAGE external window 125 FLUSHGLAZE suite in seismic frames with powder coated finish and Magnum door.

WT08 Joinery: VANTAGE 40 external window METRO suite with powder coated finish.

WT09 Roller door: METALBILT motorised roller shutter door powder coated finish on windsocks all with metal chain and manual back-up.

WT10 Horizontal sun screens: INSOL zenith Al sun screen with selected powdercoat finish. Refer manufacturers specifications for all fixings and structural information.

WT11 Internal strapped walls: ex50x50 SG8 timber strapping at 600 centres with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. AUTEX batt insulation to provide min. R2.5

WT12 Internal walls: ex150x50 SG8 wall framing with studs at 600 centres lined with 10mm standard GIB board lining to interior. 10mm GIB AQUALINE to be used in wet areas. Where vinyl is continued up wall WPS water proofing membrane to be used in strict accordance with manufacturers specification. Face of office walls to warehouse finished with 9.5mm selected plywood to a height of 2.4m above finished floor level.

**floors:**

FT01 Warehouse floor: 150mm thick reinforced concrete slab foundation on DPM and sand blinding on minimum 150mm thick compacted hard fill - refer structural engineers documentation for all structural information.

FT02 Office ground floor: 150mm thick reinforced concrete slab foundation on DPM and sand blinding on minimum 150mm thick compacted hard fill - refer structural engineer.

FT03 Office first floor: FRR 60/60/60 150mm thick Comflor - refer structural engineer.

FT04 Selected commercial grade vinyl flooring

**structural:**

ST01 Structural framing - refer structural engineer documentation for all structural detail.

**note:**

All materials, fittings, fixtures, and finishes to be established in strict accordance with manufactures specification.

This architectural documentation is to be read in conjunction with all specialist documentation and reports. Refer to engineering documentation for all engineering requirements.

**fire design requirements:**

All precast concrete panel walls to provide FR 180/180/180 (150 thick). Ground floor office to be fire rated and separate to the first floor fire cell - all fire rated FR 60/60/60. All supporting structure, stairs and underside of floors to be fire rated FR 60/60/60.

FD FD = fire door. Refer fire report for all fire design requirements.

W03 Window joinery - Refer D & W schedule

Refer finishes plans for floor, wall & ceiling finishes

**FOR CONSTRUCTION ISSUE**

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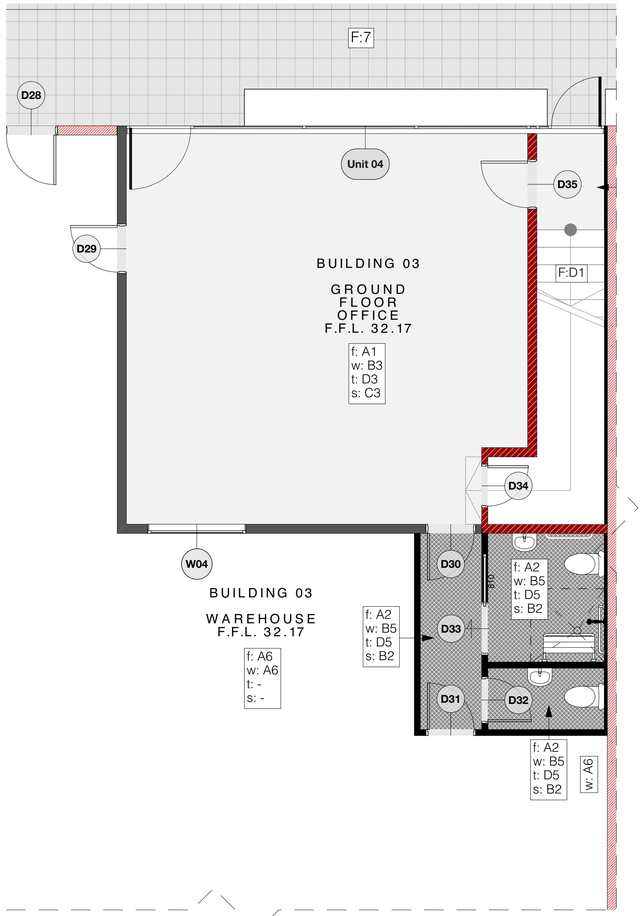
PROJECT: Te Rapa Stage 2
CLIENT: Fosters Construction
SITE:Te Rapa Industrial Park, Hamilton

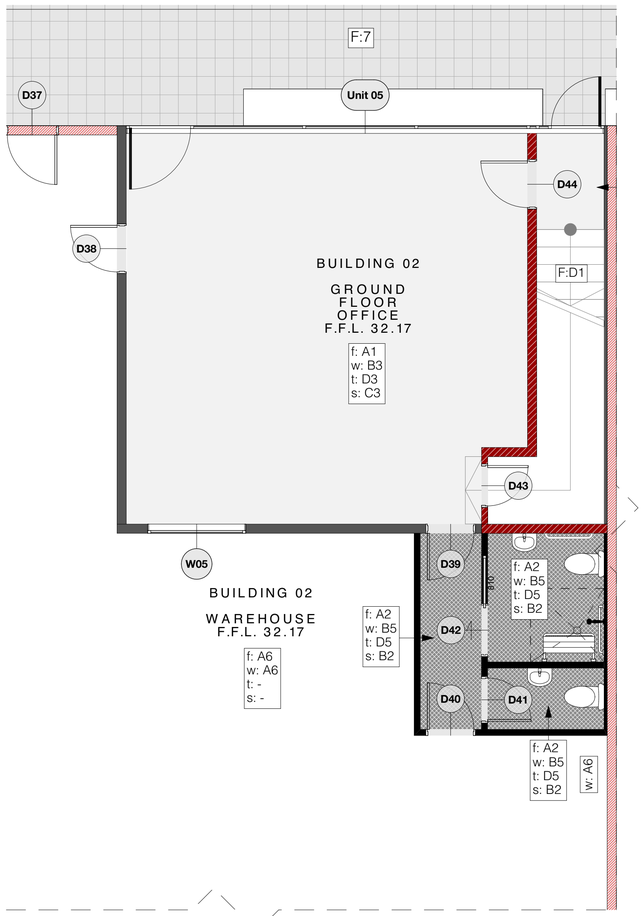
NORTH

DRAWING TITLE: PROPOSED LONG SECTIONS

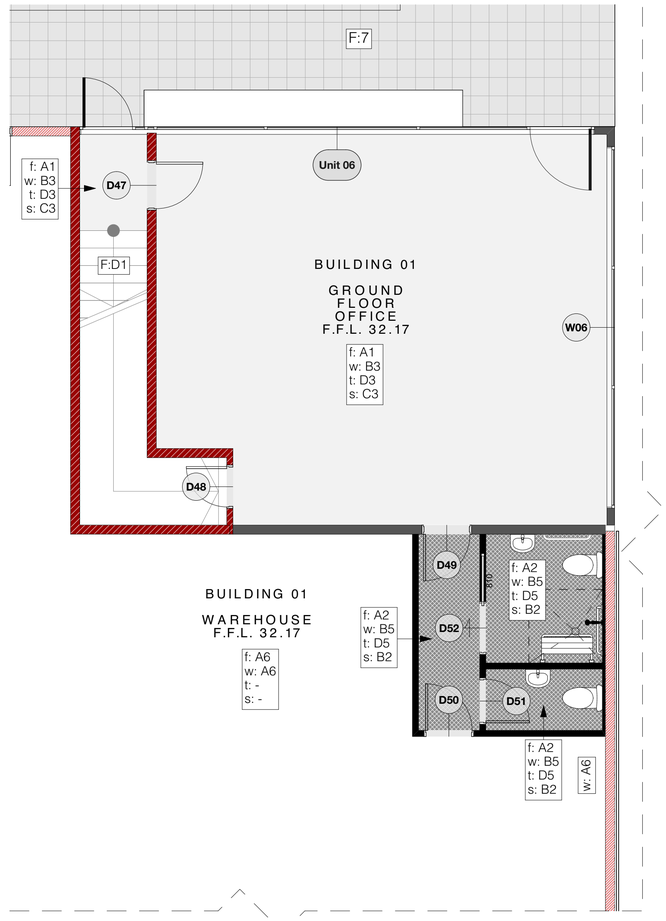
| PROJECT REF: T0424 TE RAPA S2 | |
|---|---|
| DATE: 25/06/19 | SCALE: 1:50, 1:100 @ A1 |
| SHEET: A21 | REV: C01 |




PROPOSED GROUND FINISHES PLAN - **BUILDING 03**
SCALE 1:50 @ A1




PROPOSED GROUND FINISHES PLAN - **BUILDING 02**
SCALE 1:50 @ A1




PROPOSED GROUND FINISHES PLAN - **BUILDING 01**
SCALE 1:50 @ A1

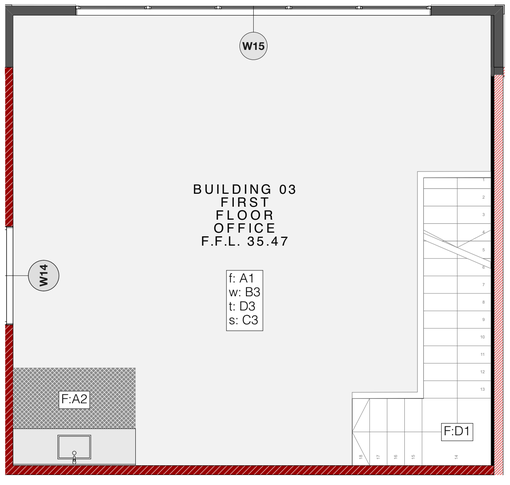
## FINISHES KEY

**Elements:**
f - floor
w - walls
s - skirting
t - trims / doors / door frames

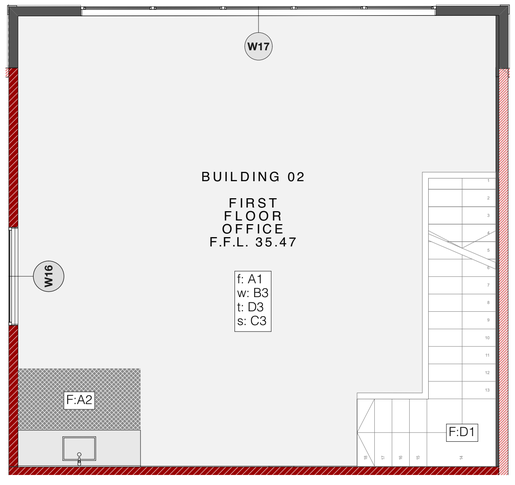
**Substrate:**
A - concrete
B - GIB Standard or Aqualine level 4 stopped
C - 60x12 single bevel timber
D - timber

**Finish:**
1. selected commercial grade carpet tile
2. commercial grade vinyl
3. interior plaster board walls: 1 coat waterborne sealer undercoat, 2 coats waterborne low sheen.
4. interior plaster board ceilings: 1 coat waterborne sealer undercoat, 2 coats waterborne low sheen.
5. bathroom plaster board walls / ceilings: 1 coat waterborne sealer undercoat, 2 coats waterborne low sheen - refer specification for all specified paint.
6. no further finish
7. in-situ pavement on sand base installed to manufacturers specification.

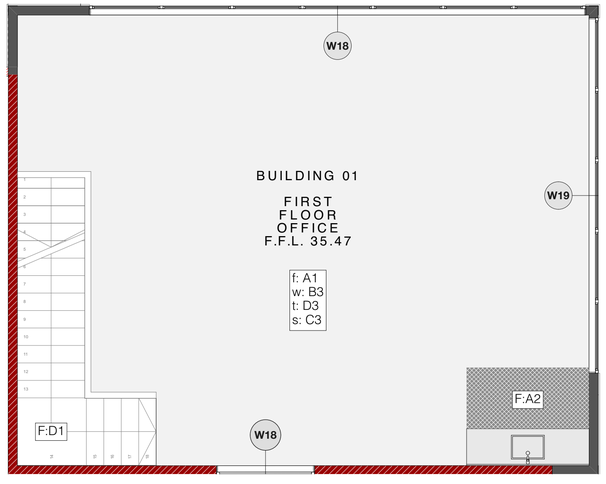
**NOTE:**
all bathroom / wet room skirting finished with vinyl covering and timber trim with paint finish. refer bathroom details.




PROPOSED FIRST FINISHES PLAN - **BUILDING 03**
SCALE 1:50 @ A1




PROPOSED FIRST FINISHES PLAN - **BUILDING 02**
SCALE 1:50 @ A1




PROPOSED FIRST FINISHES PLAN - **BUILDING 01**
SCALE 1:50 @ A1

**FOR CONSTRUCTION ISSUE**

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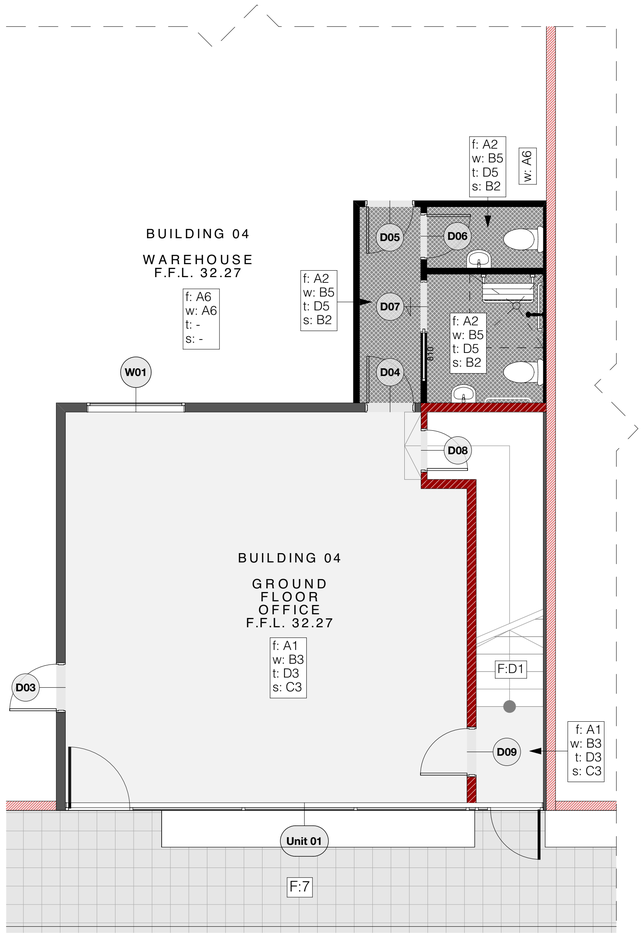
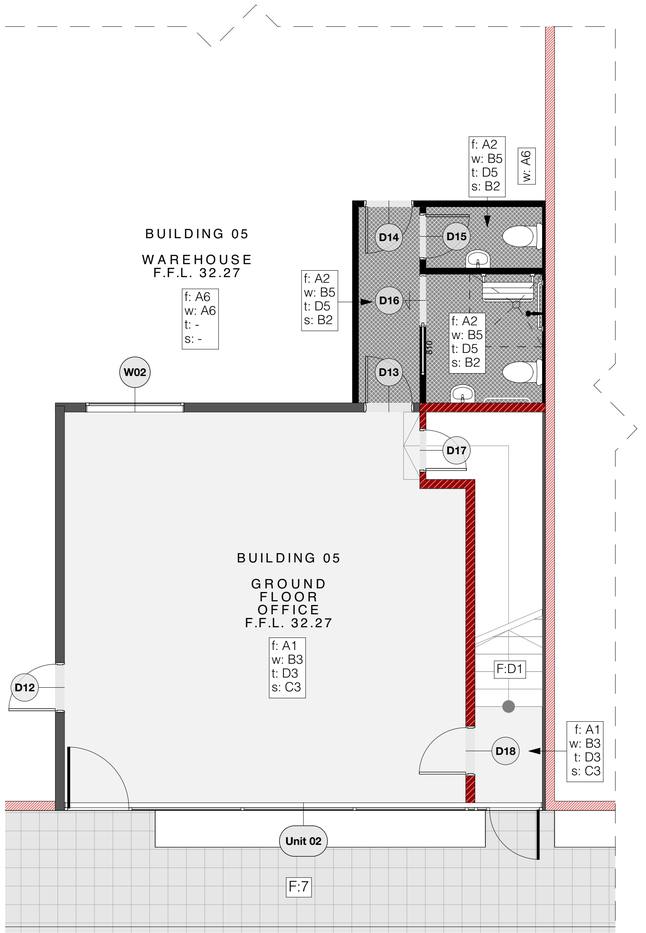
PROJECT:
Te Rapa Stage 2
CLIENT: Fosters Construction
SITE:Te Rapa Industrial Park, Hamilton

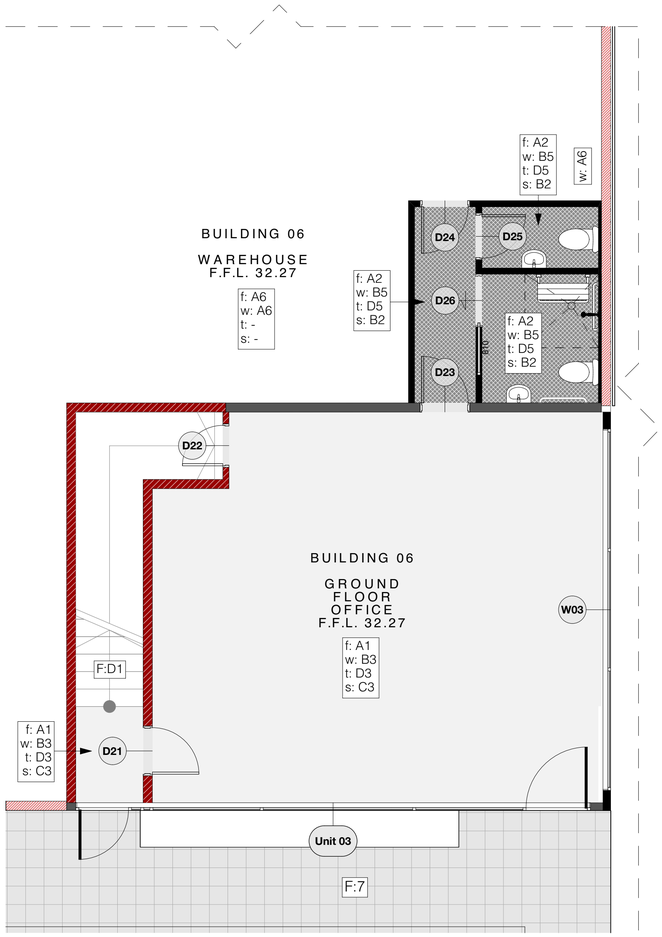
NORTH

DRAWING TITLE:
PROPOSED FLOOR FINISHES - BUILDINGS 01-03

| PROJECT REF: | |
|---|---|
| T0424 TE RAPA S2 | |
| DATE: 25/06/19 | SCALE: 1:50 @ A1 |
| SHEET: A22 | REV: C01 |




## FINISHES KEY

**Elements:**
f - floor
w - walls
s - skirting
t - trims / doors / door frames

**Substrate:**
A - concrete
B - GIB Standard or Aqualine level 4 stopped
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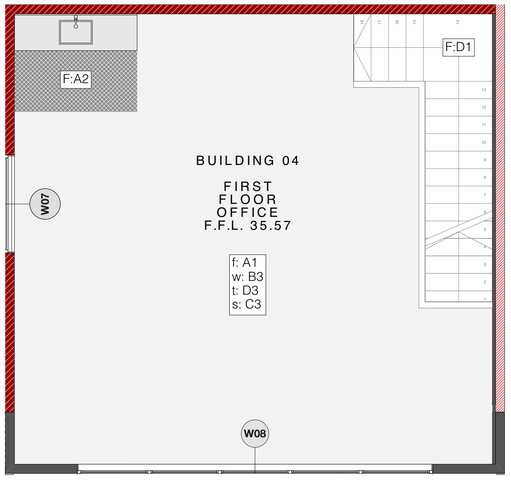
D - timber

**Finish:**
1. selected commercial grade carpet tile
2. commercial grade vinyl
3. interior plaster board walls: 1 coat waterborne sealer undercoat, 2 coats waterborne low sheen.
4. interior plaster board ceilings: 1 coat waterborne sealer undercoat, 2 coats waterborne low sheen.
5. bathroom plaster board walls / ceilings: 1 coat waterborne sealer undercoat, 2 coats waterborne low sheen - refer specification for all specified paint.
6. no further finish
7. in-situ pavement on sand base installed to manufacturers specification.

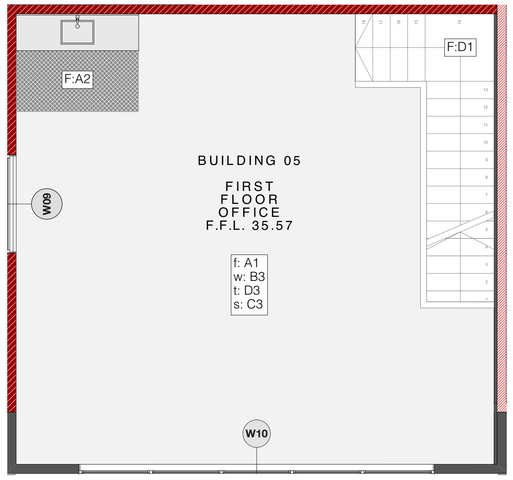
NOTE:
all bathroom / wet room skirting finished with vinyl covering and timber trim with paint finish. refer bathroom details.

PROPOSED GROUND FINISHES PLAN - **BUILDING 04**
SCALE 1:50 @ A1



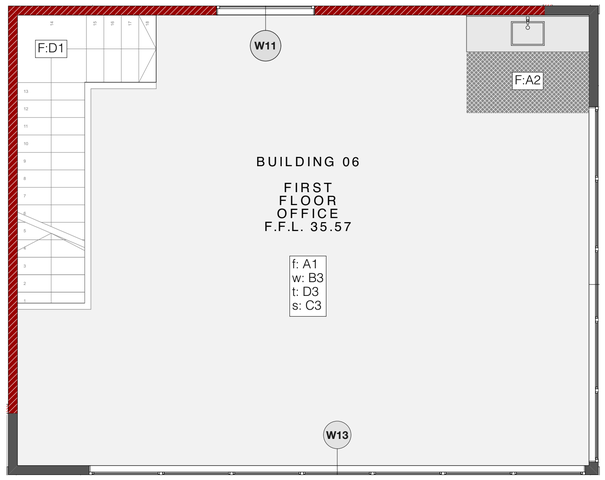

PROPOSED FIRST FINISHES PLAN - **BUILDING 04**
SCALE 1:50 @ A1

PROPOSED GROUND FINISHES PLAN - **BUILDING 05**
SCALE 1:50 @ A1




PROPOSED FIRST FINISHES PLAN - **BUILDING 05**
SCALE 1:50 @ A1

PROPOSED GROUND FINISHES PLAN - **BUILDING 06**
SCALE 1:50 @ A1




PROPOSED FIRST FINISHES PLAN - **BUILDING 06**
SCALE 1:50 @ A1

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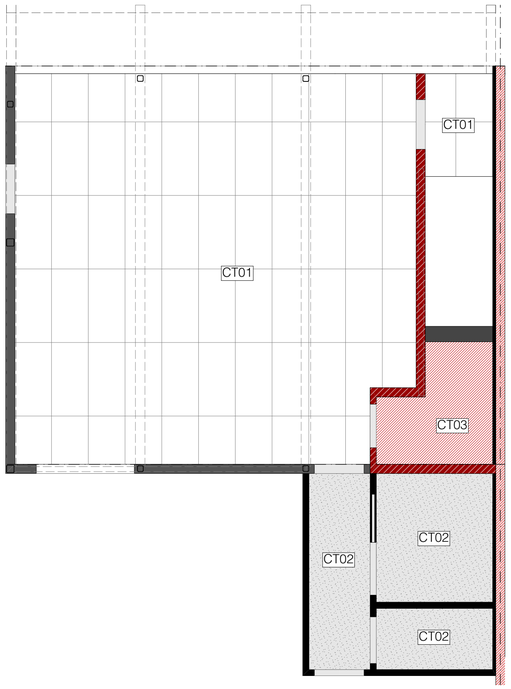
PROJECT:
Te Rapa Stage 2
CLIENT: Fosters Construction
SITE:Te Rapa Industrial Park, Hamilton

NORTH

DRAWING TITLE:
PROPOSED FLOOR FINISHES - BUILDINGS 04-06

| PROJECT REF: | |
|---|---|
| T0424 TE RAPA S2 | |
| DATE: 25/06/19 | SCALE: 1:50 @ A1 |
| SHEET: A23 | REV: C01 |




PROPOSED GROUND CEILING FINISHES - **BUILDING 04**
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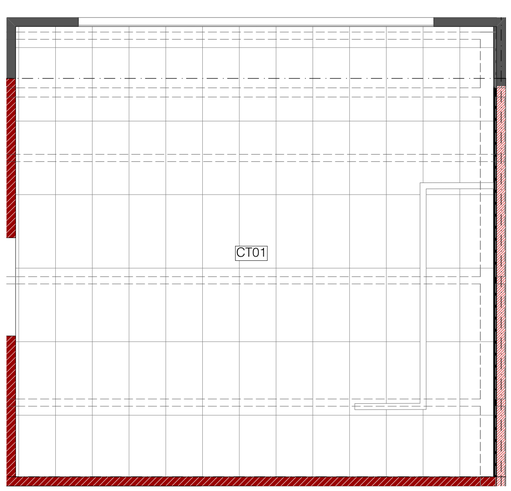


PROPOSED FIRST CEILING FINISHES - **BUILDING 04**
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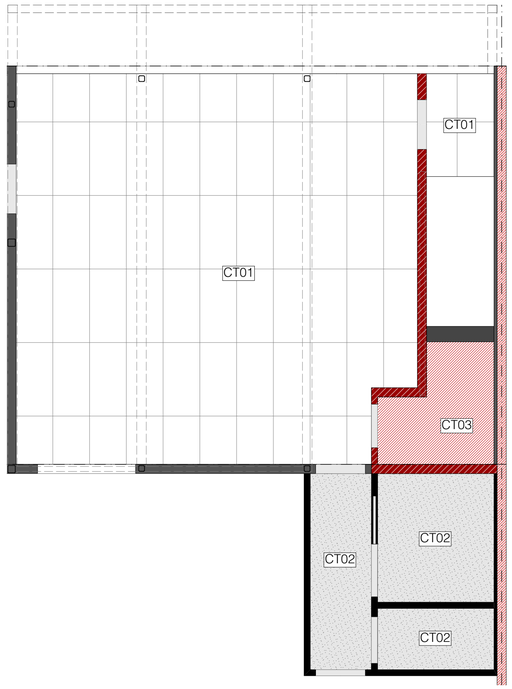


PROPOSED GROUND CEILING FINISHES - **BUILDING 05**
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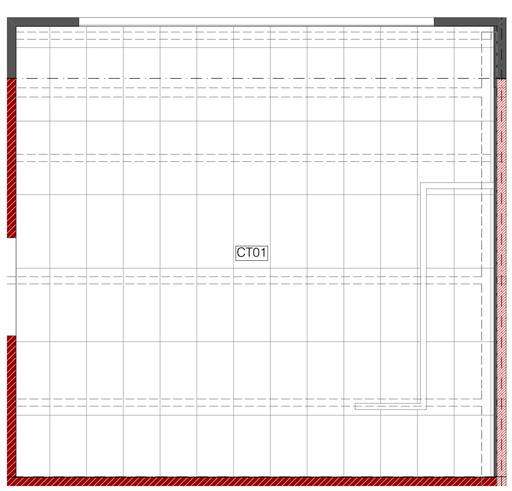


PROPOSED FIRST CEILING FINISHES - **BUILDING 05**
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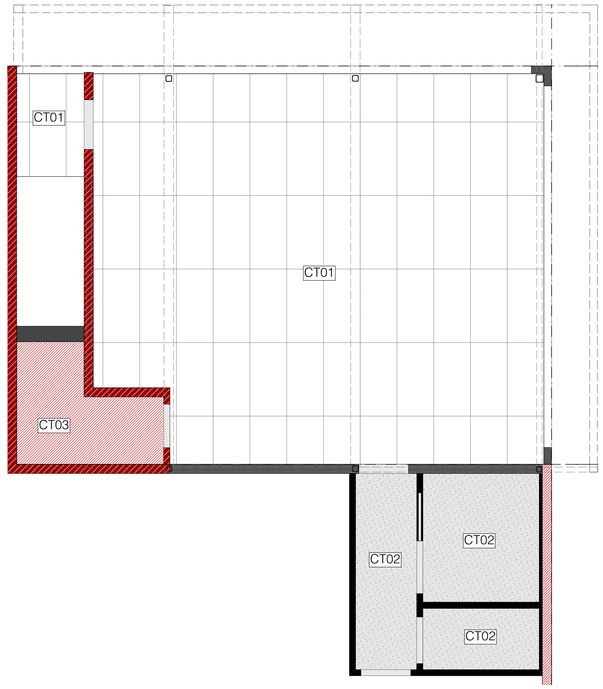


PROPOSED GROUND CEILING FINISHES - **BUILDING 06**
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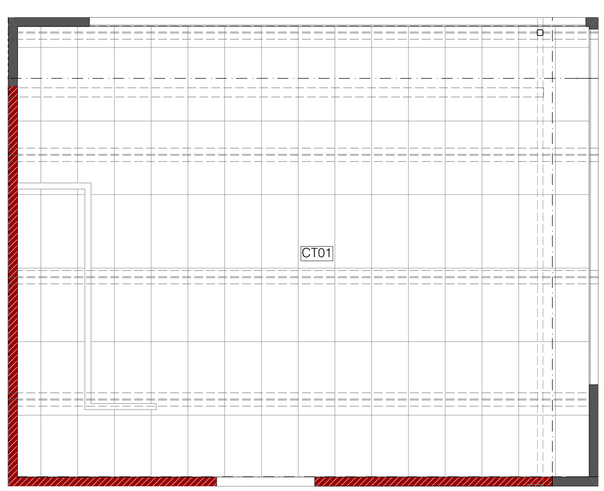


PROPOSED FIRST CEILING FINISHES - **BUILDING 06**
SCALE 1:50 @ A1

## CEILING PLAN KEY

| | |
|---|---|
| RT01 | Warehouse Roof: 0.55 BMT Dimond BB900 profiled COLOURSTEEL roofing with MAXX finish over selected Thermakraft roofing underlay over safety mesh on roof structure |
| RT04 | Warehouse roof skylight: AMPELITE SL translucent sheet roofing to match profile of roof fixed over Thermakraft safety mesh on roof structure. |
| CT01 | Internal ceiling: RONDO DONN DX suspended grid system with 1200x600 USG IMPRESSIONS CLIMAPLUS mineral fibre ceiling tiles |
| CT02 | Internal ceiling: 13 GIB AQUALINE ceiling lining fixed to ex75x40mm Radiata H1.2 SG8 timber battens at 600 centres over ex100x50 Radiata H1.2 SG8 timber ceiling joists at 600mm centres. |
| CT03 | Underside of stairs: 16mm GIB Fyrline lining to underside of timber stair structure in accordance with GIB specification - GBFC60. Fired rated lining to extend through to fire rated wall structure. |

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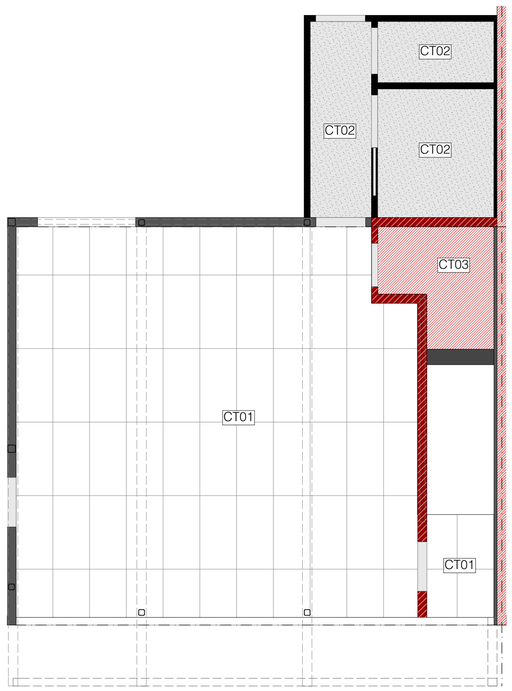
PROJECT:
Te Rapa Stage 2
CLIENT: Fosters Construction
SITE:Te Rapa Industrial Park, Hamilton

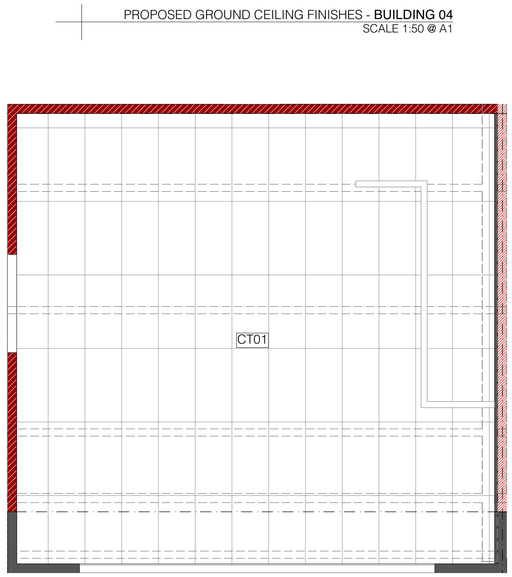
NORTH

DRAWING TITLE:
PROPOSED CEILING FINISHES - BUILDINGS 01-03

| PROJECT REF: | |
|---|---|
| T0424 TE RAPA S2 | |
| DATE: 25/06/19 | SCALE: 1:50 @ A1 |
| SHEET: A24 | REV: C01 |




PROPOSED GROUND CEILING FINISHES - **BUILDING 04**
SCALE 1:50 @ A1




PROPOSED FIRST CEILING FINISHES - **BUILDING 04**
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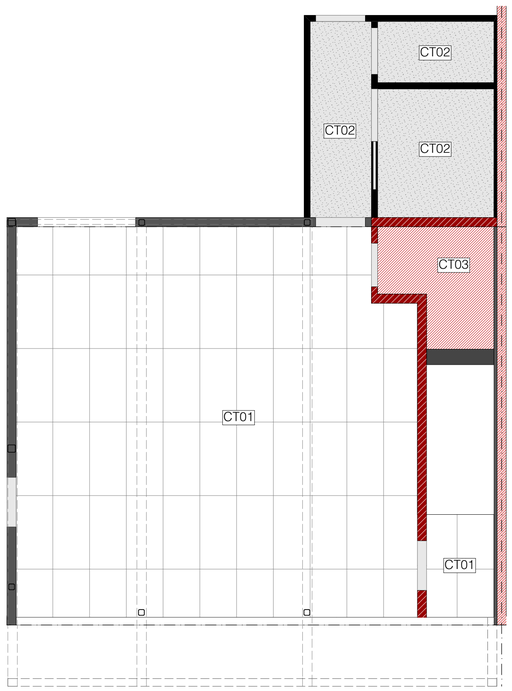


PROPOSED GROUND CEILING FINISHES - **BUILDING 05**
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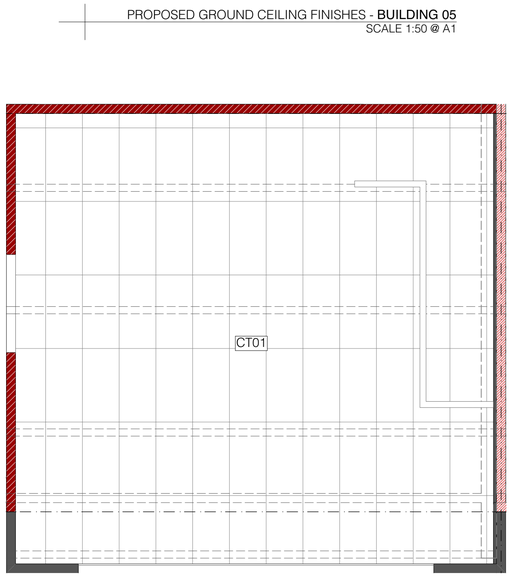


PROPOSED FIRST CEILING FINISHES - **BUILDING 05**
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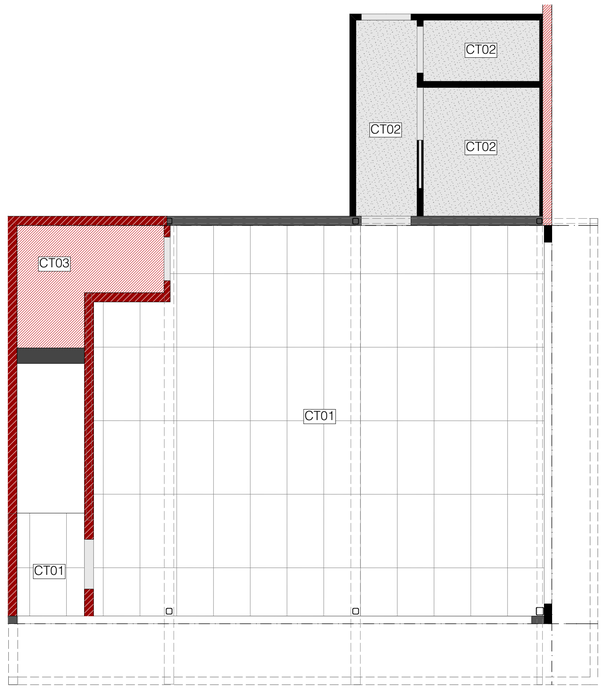
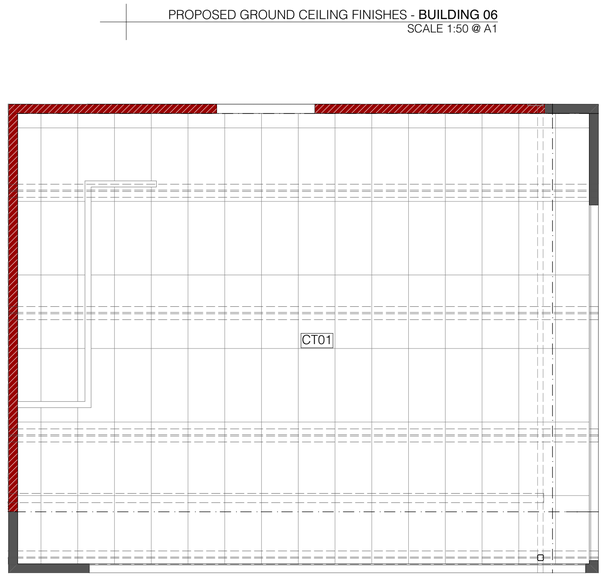



PROPOSED GROUND CEILING FINISHES - **BUILDING 06**
SCALE 1:50 @ A1




PROPOSED FIRST CEILING FINISHES - **BUILDING 06**
SCALE 1:50 @ A1

## CEILING PLAN KEY

| | |
|---|---|
| RT01 | Warehouse Roof: 0.55 BMT Dimond BB900 profiled COLOURSTEEL roofing with MAXX finish over selected Thermakraft roofing underlay over safety mesh on roof structure |
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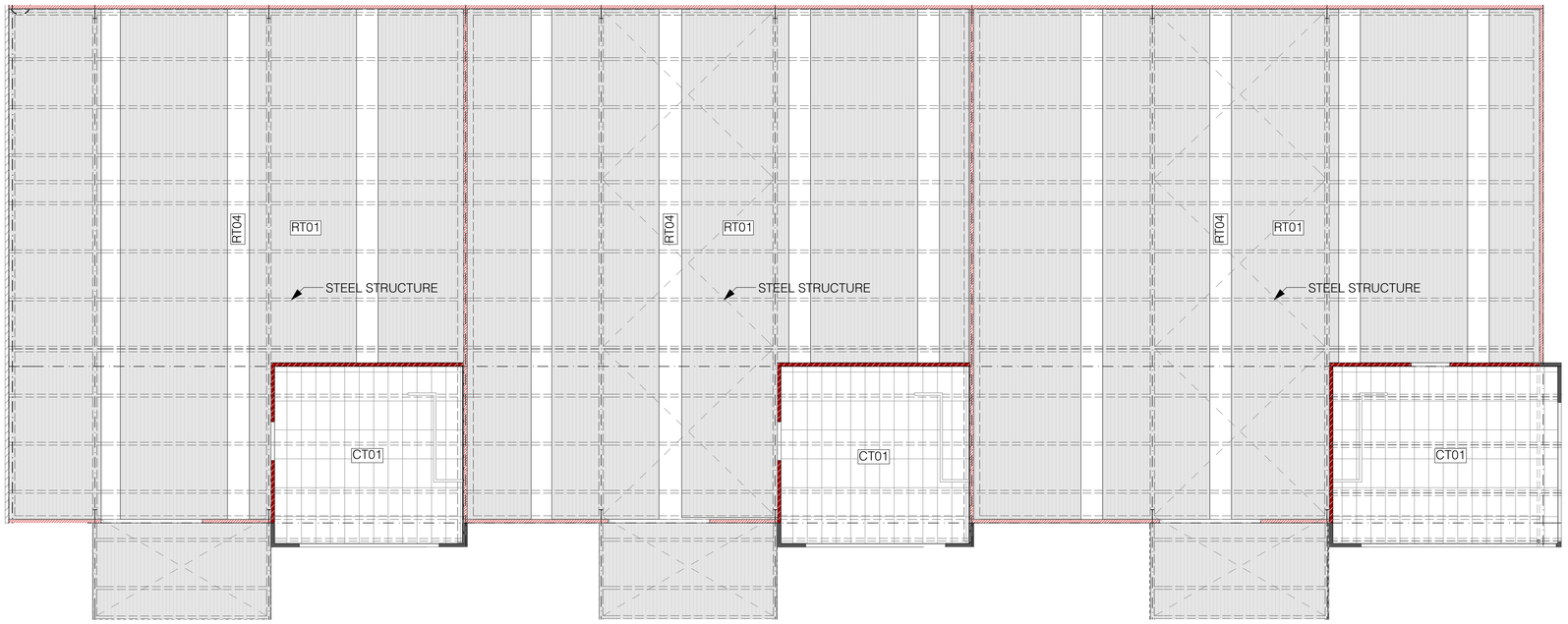
**FOR CONSTRUCTION ISSUE**

PROJECT:
Te Rapa Stage 2
CLIENT: Fosters Construction
SITE:Te Rapa Industrial Park, Hamilton

NORTH

DRAWING TITLE:
PROPOSED CEILING FINISHES - BUILDINGS 04-06

| PROJECT REF: | |
|---|---|
| T0424 TE RAPA S2 | |
| DATE: 25/06/19 | SCALE: 1:50 @ A1 |
| SHEET: A25 | REV: C01 |




PROPOSED WAREHOUSE CEILING FINISHES - **BUILDING 04 - 06**
SCALE 1:125 @ A1


PROPOSED WAREHOUSE CEILING FINISHES - **BUILDING 01 - 03**
SCALE 1:125 @ A1

## CEILING PLAN KEY

RT01 Warehouse Roof: 0.55 BMT Dimond BB900 profiled COLOURSTEEL roofing with MAXX finish over selected Thermakraft roofing underlay over safety mesh on roof structure

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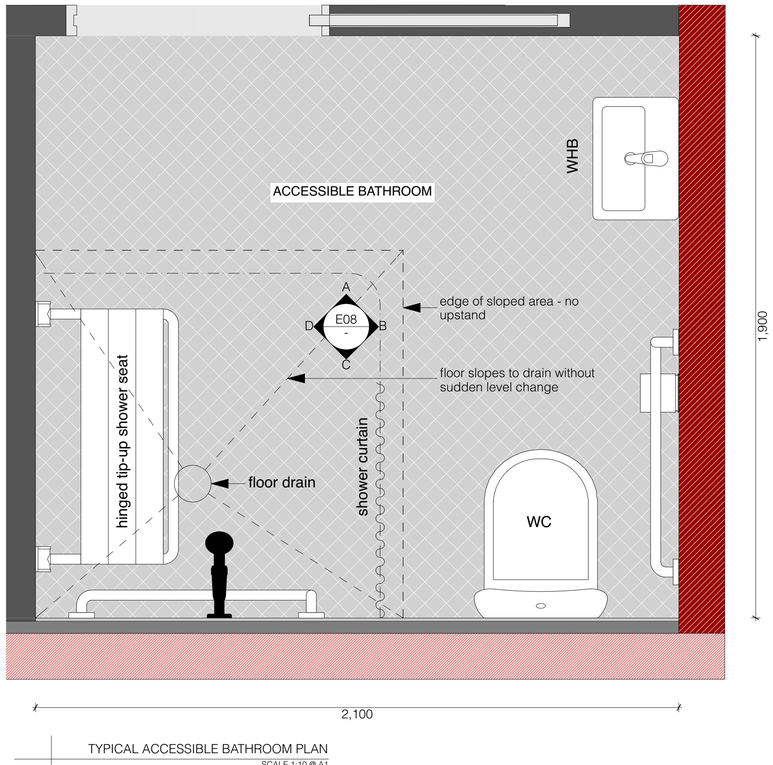
PROJECT:
Te Rapa Stage 2
CLIENT: Fosters Construction
SITE:Te Rapa Industrial Park, Hamilton

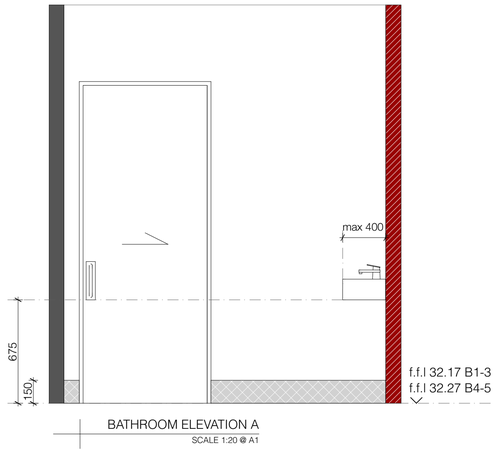
NORTH

DRAWING TITLE:
PROPOSED CEILING FINISHES - WAREHOUSE

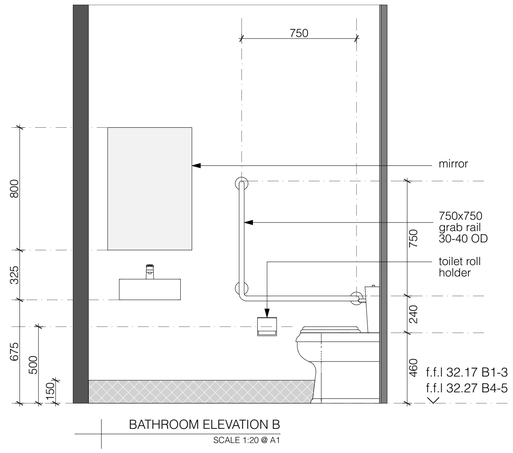
| PROJECT REF: | |
|---|---|
| T0424 TE RAPA S2 | |
| DATE: 25/06/19 | SCALE: 1:125, 1:50 @ A1 |
| SHEET: A26 | REV: C01 |



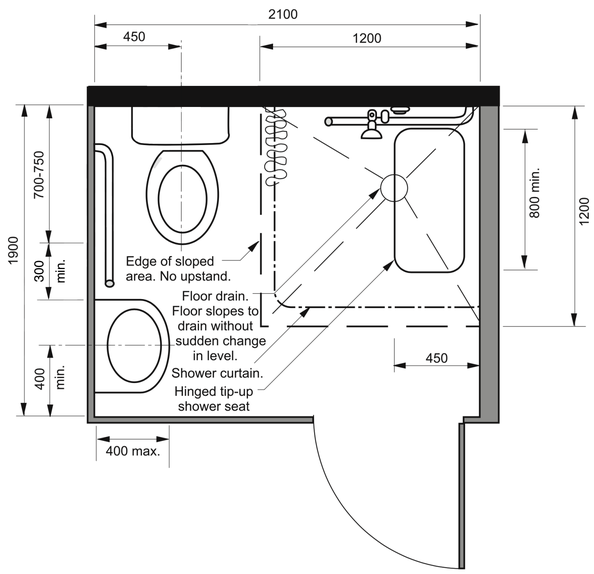

TYPICAL ACCESSIBLE BATHROOM PLAN
SCALE 1:10 @ A1

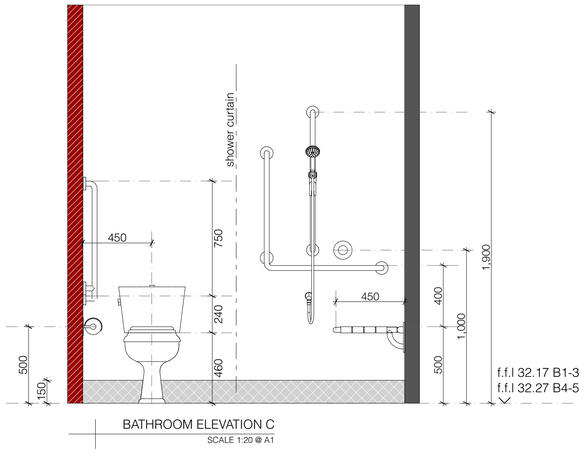



BATHROOM ELEVATION A
SCALE 1:20 @ A1

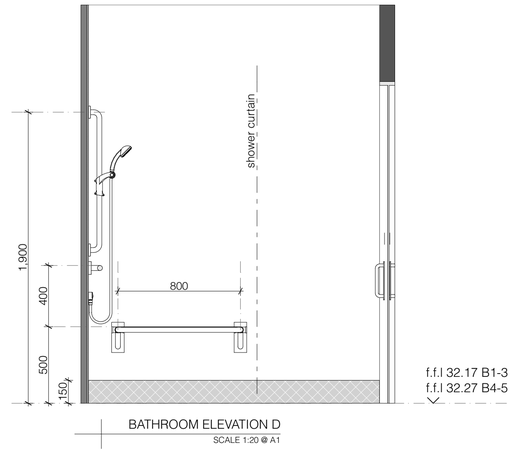



BATHROOM ELEVATION B
SCALE 1:20 @ A1




BATHROOM ELEVATION C
SCALE 1:20 @ A1




BATHROOM ELEVATION D
SCALE 1:20 @ A1

**FOR CONSTRUCTION ISSUE**

NOTE:
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CLIENTS:
TE RAPA GATEWAY
FOSTER CONSTRUCTION

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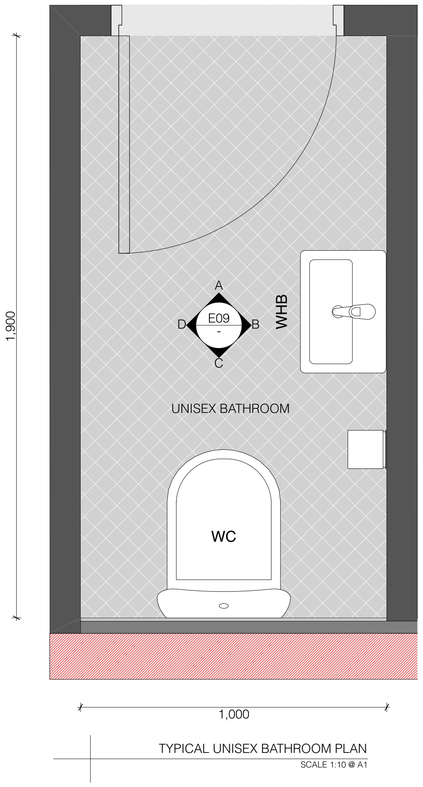
PROJECT:
Te Rapa Stage 2
CLIENT: Fosters Construction
SITE: Te Rapa Industrial Park, Hamilton

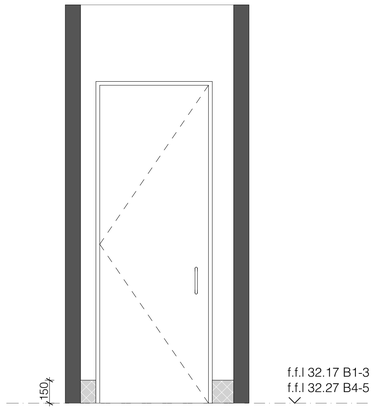
north

DRAWING TITLE:
TYPICAL ACCESSIBLE BATHROOM

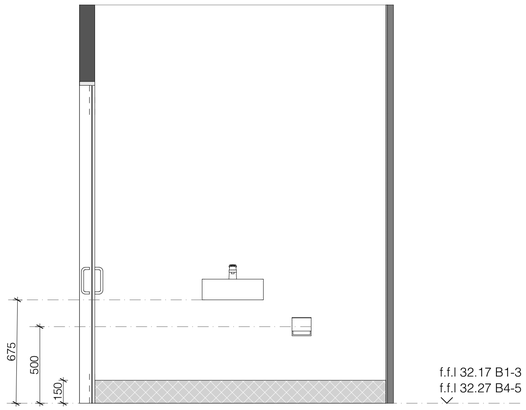
| PROJECT REF: | |
|---|---|
| T0424 TE RAPA S2 | |
| DATE: 25/06/19 | SCALE: 1:10, 1:20, 1:1.6361 @ A1 |
| SHEET: A27 | REV: C01 |



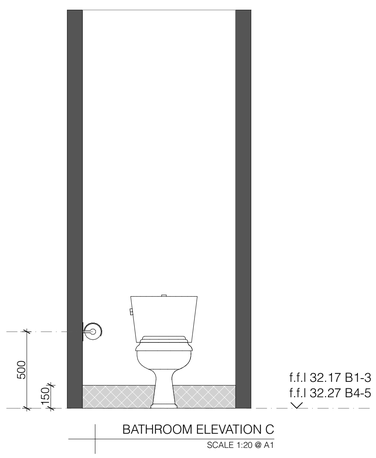

TYPICAL UNISEX BATHROOM PLAN
SCALE 1:10 @ A1



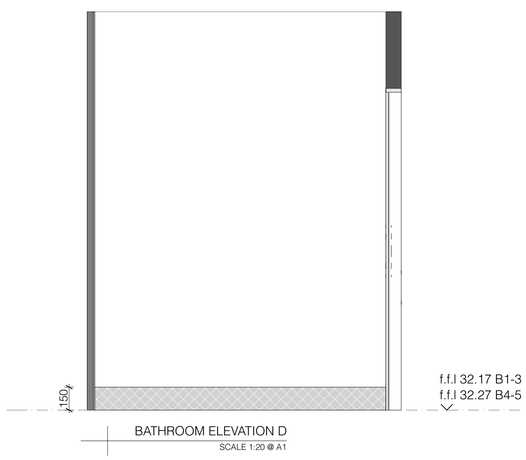

BATHROOM ELEVATION A
SCALE 1:20 @ A1




BATHROOM ELEVATION B
SCALE 1:20 @ A1




BATHROOM ELEVATION C
SCALE 1:20 @ A1




BATHROOM ELEVATION D
SCALE 1:20 @ A1

**FOR CONSTRUCTION ISSUE**

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CLIENTS:
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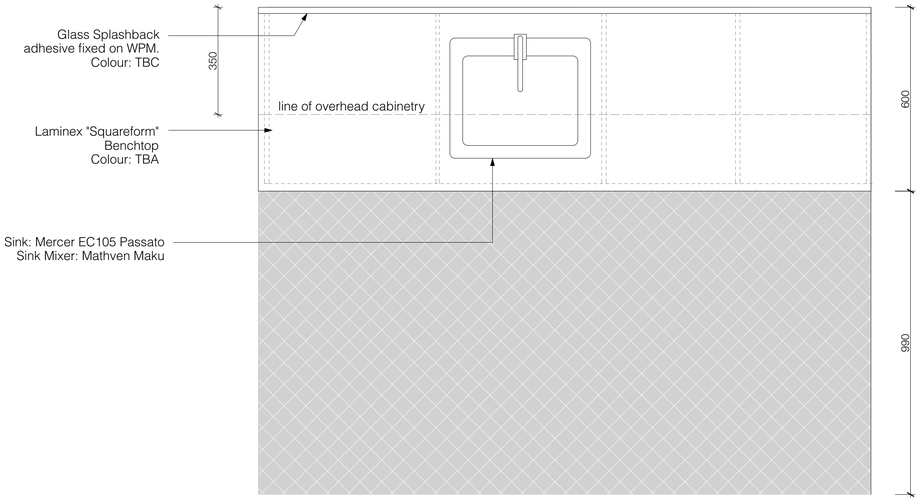
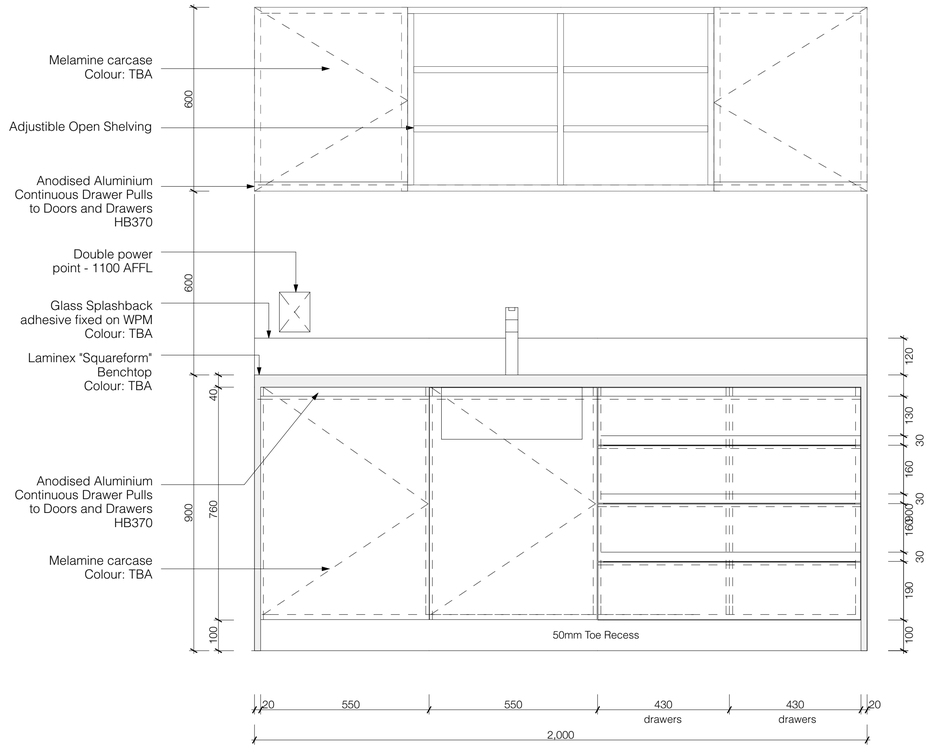
PROJECT:
Te Rapa Stage 2
CLIENT: Fosters Construction
SITE:Te Rapa Industrial Park, Hamilton

NORTH

DRAWING TITLE:
TYPICAL UNISEX BATHROOM

| PROJECT REF: | |
|---|---|
| T0424 TE RAPA S2 | |
| DATE: 25/06/19 | SCALE: 1:10, 1:20 @ A1 |
| SHEET: A28 | REV: C01 |




KITCHEN CABINET PLAN AND ELEVATION
SCALE 1:10 @ A1

**FOR CONSTRUCTION ISSUE**

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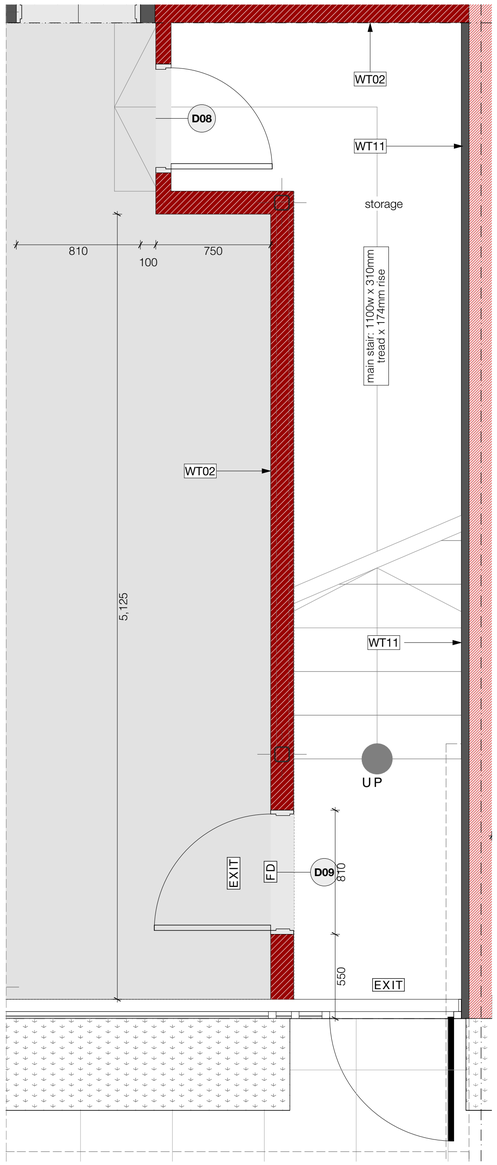
PROJECT:
Te Rapa Stage 2
CLIENT: Fosters Construction
SITE:Te Rapa Industrial Park, Hamilton

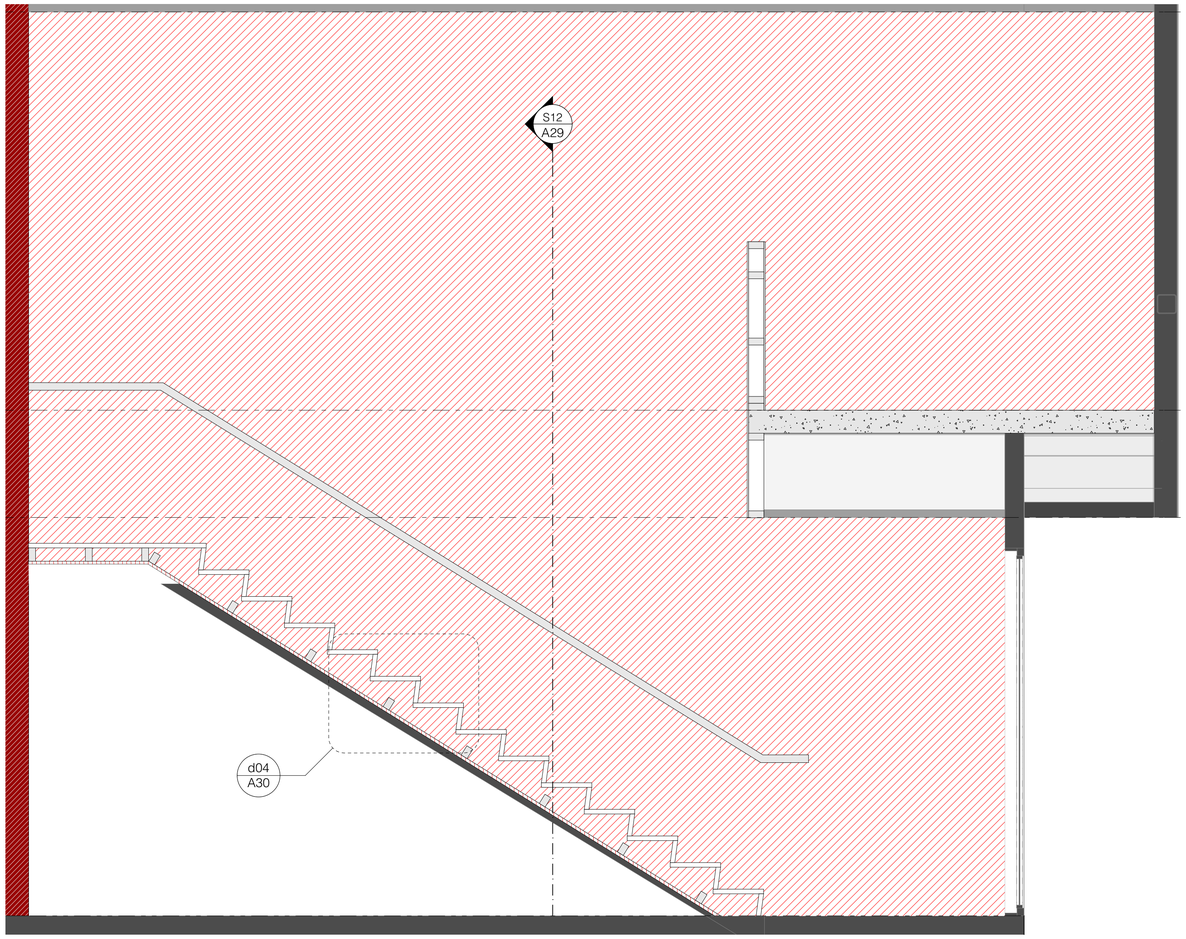
north

DRAWING TITLE:
TYPICAL KITCHEN

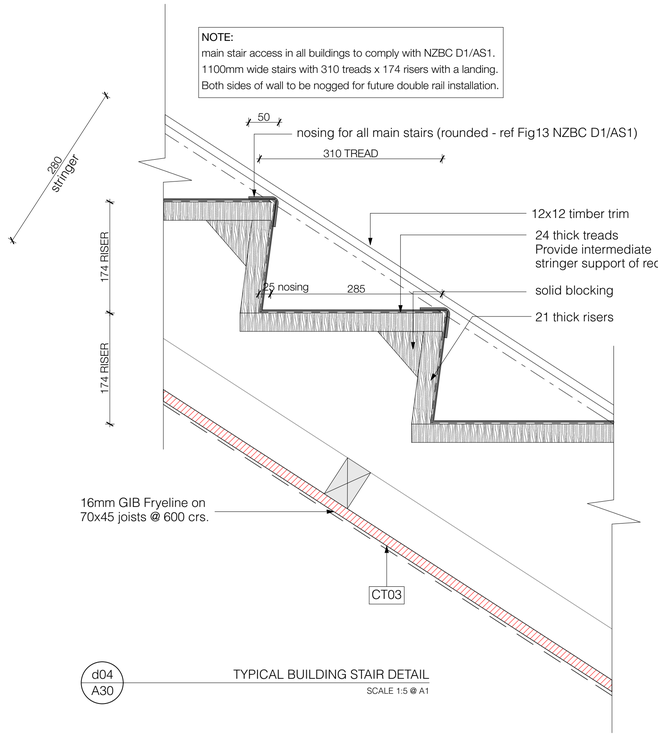
| PROJECT REF: | |
|---|---|
| T0424 TE RAPA S2 | |
| DATE: 25/06/19 | SCALE: 1:10 @ A1 |
| SHEET: A29 | REV: C01 |



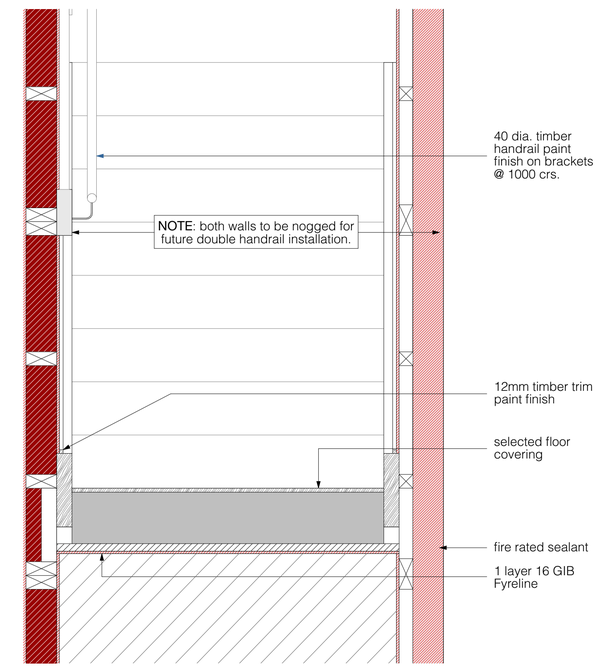

TYPICAL MAIN STAIR PLAN
SCALE 1:20 @ A1




S11 / A30 MAIN STAIR SECTION 11
SCALE 1:20 @ A1




d04 / A30 TYPICAL BUILDING STAIR DETAIL
SCALE 1:5 @ A1




S12 / A30 MAIN STAIR SECTION 12
SCALE 1:10 @ A1

**FOR CONSTRUCTION ISSUE**

NOTE:
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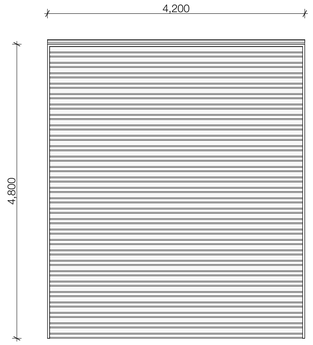
PROJECT:
Te Rapa Stage 2
CLIENT: Fosters Construction
SITE: Te Rapa Industrial Park, Hamilton

NORTH

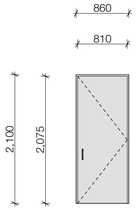
DRAWING TITLE:
TYPICAL STAIRS

| PROJECT REF: | |
|---|---|
| T0424 TE RAPA S2 | |
| DATE: 25/06/19 | SCALE: 1:20, 1:10, 1:5 @ A1 |
| SHEET: A30 | REV: C01 |



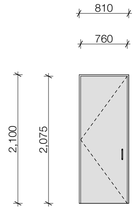

3 as shown; (D27, D36, D45); 3 handed (D01, D18, D19)

- exterior grade
- roller shutter door
- proprietary aluminium chain backup



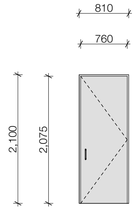

3 as shown; (D28, D37, D46); 3 handed (D02, D11, D20)

- exterior grade
- proprietary aluminium frame and face



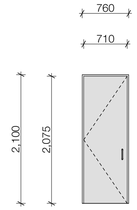

5 as shown; (D03, D04, D12, D13, D23); 5 handed (D29, D30, D38, D39, D49)

- interior grade
- solid core



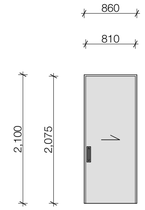

3 as shown; (D05, D14, D24); 5 handed (D31x3, D40, D50)

- interior grade
- solid core



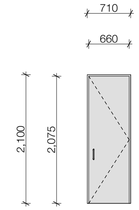

3 as shown; (D06, D15, D25); 5 handed (D32x3, D41, D51)

- interior grade
- solid core



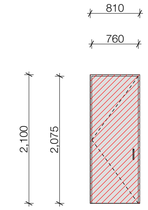

3 as shown; (D07, D16, D26); 5 handed (D33x3, D42, D52)

- interior grade CS cavity sliding door
- solid core



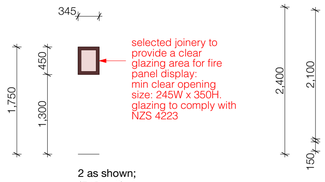

3 as shown; (D08, D17, D48); 3 handed (D22, D34, D43)

- interior grade
- solid core




3 as shown; (D09, D18, D47); 3 handed (D21, D35, D44)

- interior grade fire door
- /60/30 sm
- solid core
- overhead closer

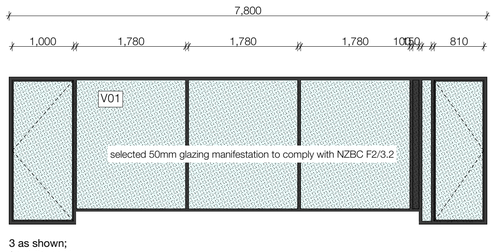






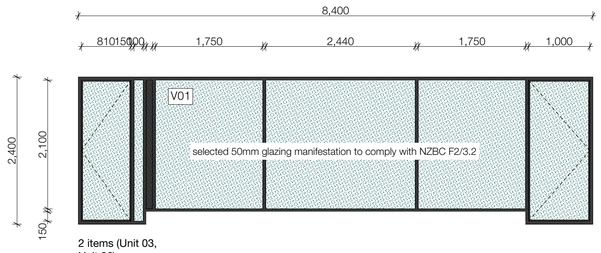
2 as shown; (FAP 4x2); 4 handed (FAP 1, FAP 2, FAP 3, FAP 5)

- external glazed window for Fire Alarm Panel (FAP)




3 as shown; (Unit 01, Unit 02, Unit 04); 1 item handed (Unit 05)

- external glazing unit
-150 concrete up-stand at f.f.l.

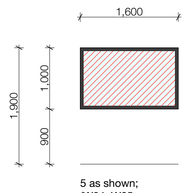






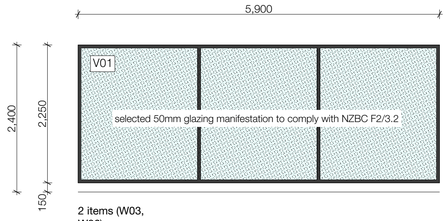
2 items (Unit 03, Unit 06)

- external glazing unit
-150 concrete up-stand at f.f.l.



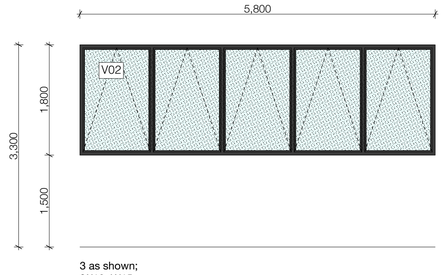

5 as shown; (W04, W05, W11, W14, W16); 5 handed (W01, W02, W07, W09, W18)

-internal window
-glazed with FR -/60/60 insulated glass



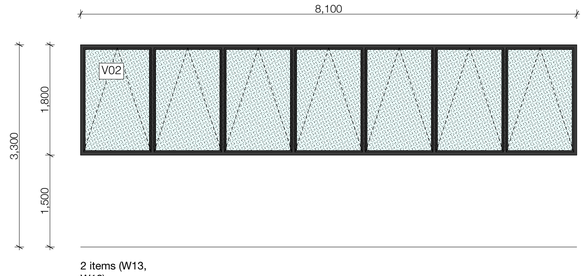

2 items (W03, W06)

- external glazing unit
-150 concrete up-stand at f.f.l.




3 as shown; (W12, W15, W17); 3 handed (W08, W10, W19)

- external glazing unit




2 items (W13, W18)

- external glazing unit

NOTE: ALL INTERNAL DOORS / WINDOWS FINISHED WITH ex60mm SINGLE BEVEL FJ TIMBER ARCHITRAVE WITH NOMINATED PAINT FINISH.

## GLAZING KEY:

V01 external window VANTAGE 135 Flushglaze suite in seismic frames with powder coat finish.

V02 external window VANTAGE 40 Metro suite with powder coat finish.

selected Low E Plus or Max glazing for all joinery to comply with NZS 4223.

## WINDOWS:

Windows are viewed from the outside rooms they will occur in

Dimensions are rough opening sizes unless noted otherwise, and must be confirmed on site before fabrication

Glass is to be weighted for size and application, in accordance with NZS 4223

Aluminium frames are to be powder coat finished.

All opening windows are to be fitted with stainless steel restrictor stays.

All internal windows to be glazed with FR 60/60/60 insulated glass to meet fire protection requirements.

The contractor is to use these drawings as the basis for the works and allow for window swings, handling etc. and to provide and install all items of hardware not specified, shown or listed, but required for the completion and proper finish of the works.

The window joinery sections specified are for guidance only. The window joinery manufacturer is to use frames sized to suit locations.

For ULS and SLS figurers refer to the structural engineer. These will be basic wind loads and will not take account of local factors. Window manufacture designers will need to apply appropriated C factors to determine actual wind loads at difference locations on the building, as per AS/ANS 1170.2

All openings to be finished internally with 60mm single bevel finger-jointed timber architrave with nominated paint finish.

Refer specified hardware schedule for all door and window hardware requirements.

**FOR CONSTRUCTION ISSUE**

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CLIENTS: TE RAPA GATEWAY / FOSTER CONSTRUCTION

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| C01 | 25/06/19 |

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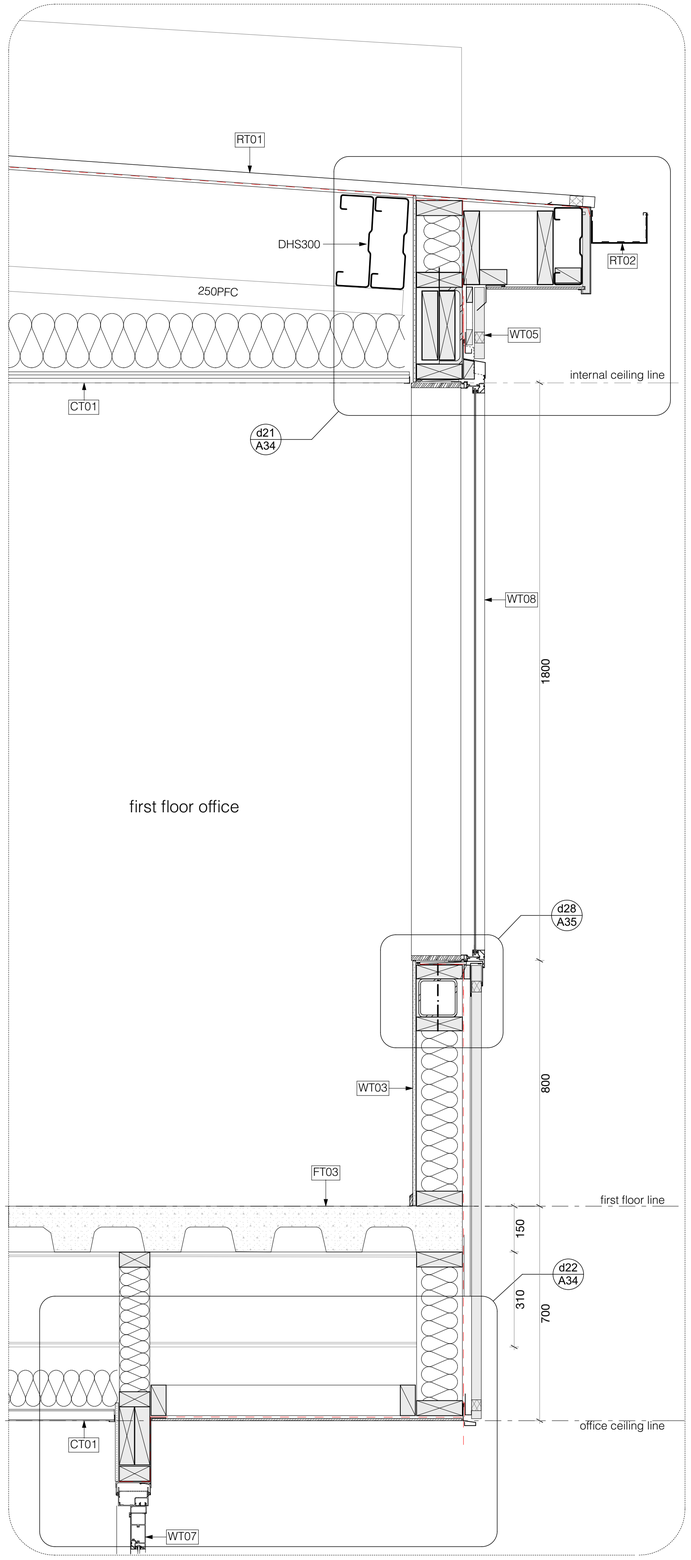
PROJECT: Te Rapa Stage 2

CLIENT: Fosters Construction
SITE: Te Rapa Industrial Park, Hamilton

NORTH

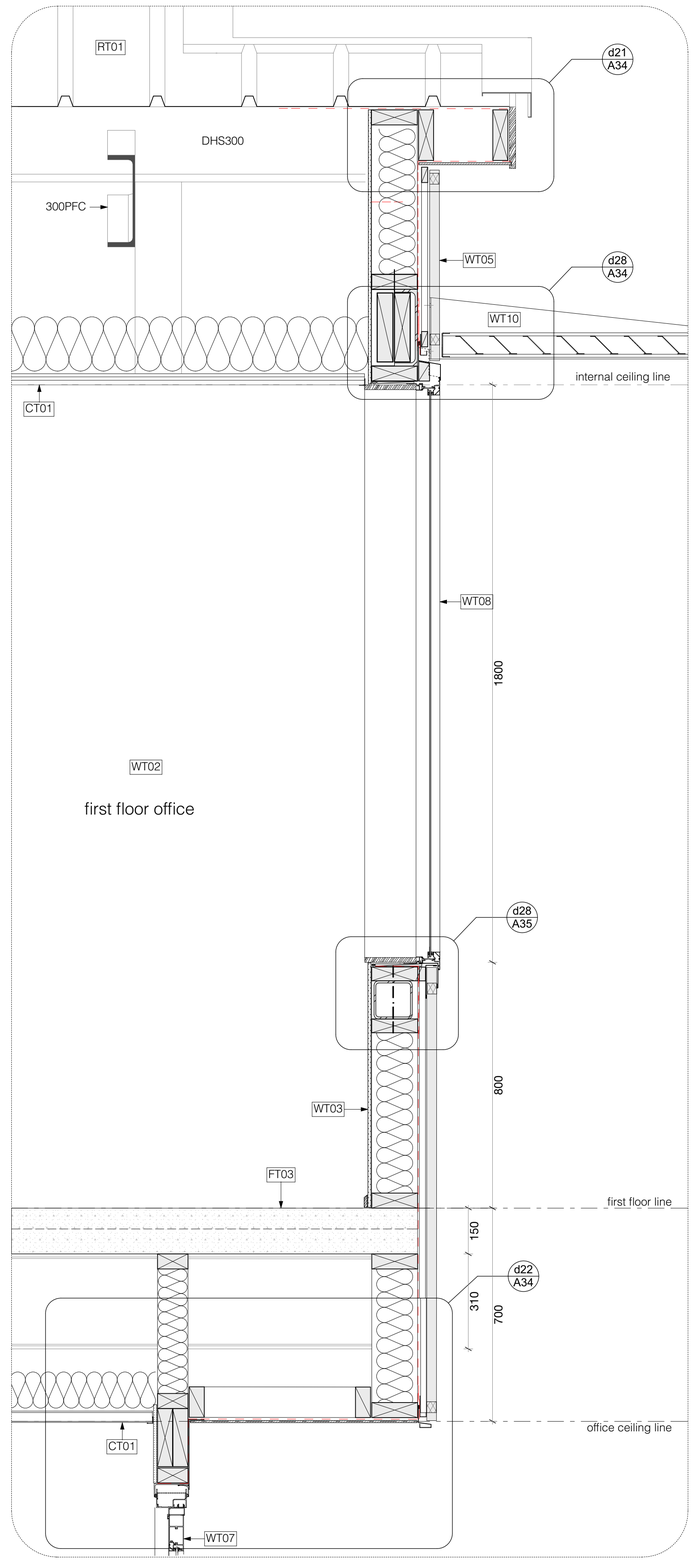
DRAWING TITLE: DOOR + WINDOW SCHEDULE

| PROJECT REF: | |
|---|---|
| T0424 TE RAPA S2 | |
| DATE: 25/06/19 | SCALE: 1:50 @ A1 |
| SHEET: A31 | REV: C01 |




d01
A17

facade detail
scale 1:5 @ a1




d02
A20

facade detail
scale 1:5 @ a1

**FOR CONSTRUCTION ISSUE**

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CLIENTS:
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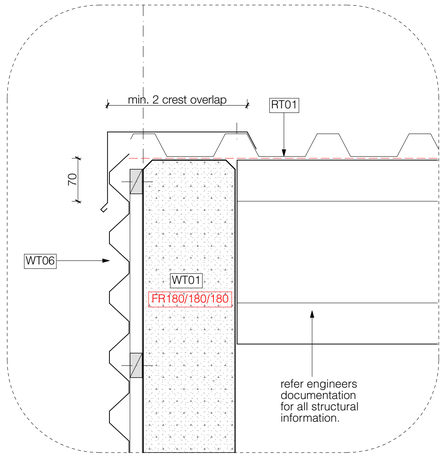
PROJECT:
Te Rapa Stage 2
CLIENT: Fosters Construction
SITE:Te Rapa Industrial Park, Hamilton

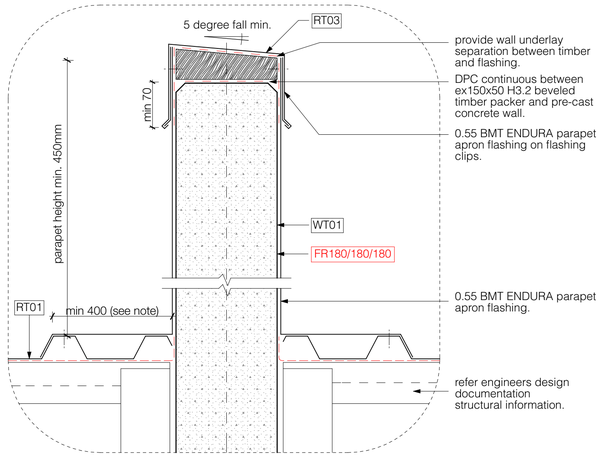
north

DRAWING TITLE:
DETAILS - 1:10

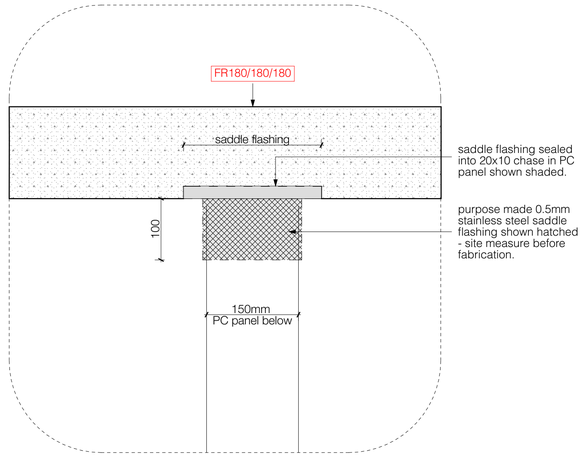
| PROJECT REF: | |
|---|---|
| T0424 TE RAPA S2 | |
| DATE: 25/06/19 | SCALE: 1:10 @ A1 |
| SHEET: A32 | REV: C01 |



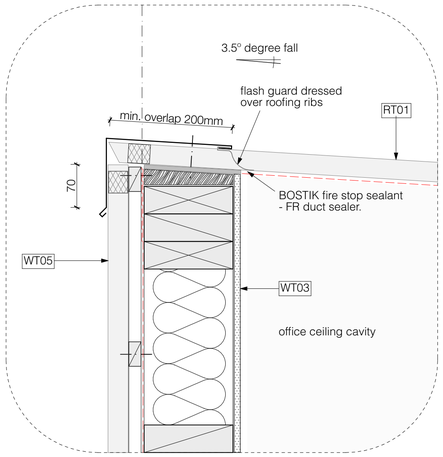

d05 A20 — roof barge detail
scale 1:5 @ a1



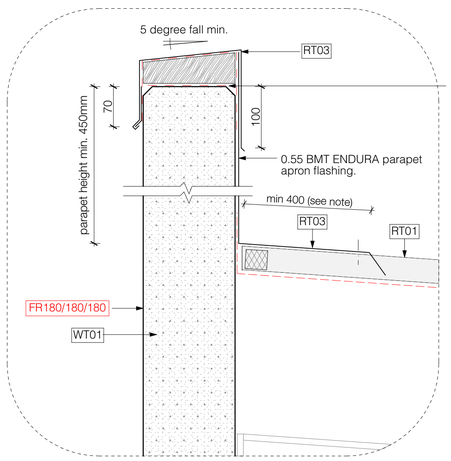

d09 A20 — inter wall parapet detail
scale 1:5 @ a1



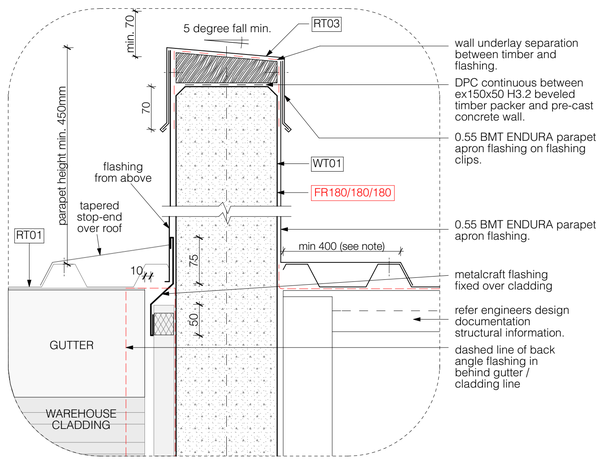

d10 A04 — pc panel parapet capping detail
scale 1:5 @ a1



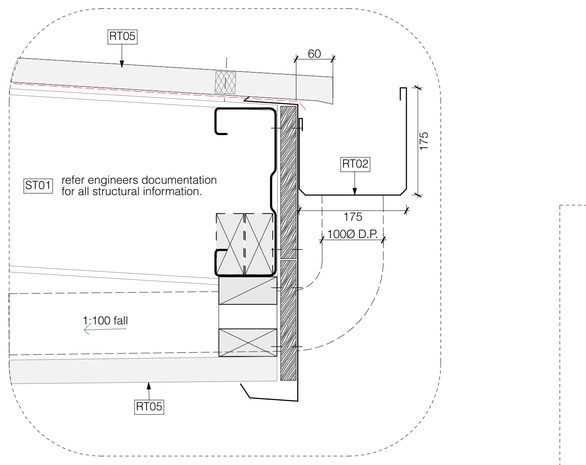

d13 A04 — cladding / barge detail
scale 1:5 @ a1




d06 A17 — parapet detail
scale 1:5 @ a1

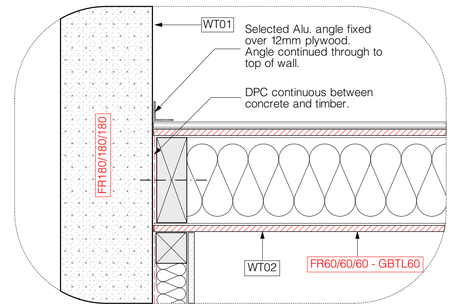



d09a A20 — office pop parapet detail
scale 1:5 @ a3

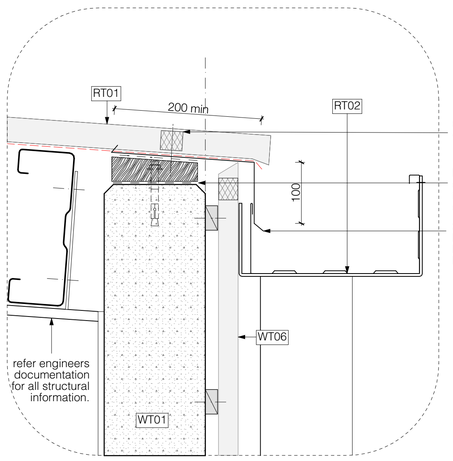



d11 A17 — canopy barge detail
scale 1:5 @ a1

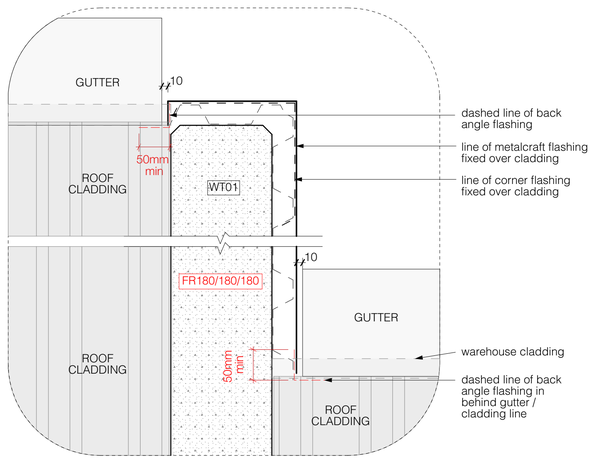
NOTE:
400mm ovelap on all apron flashings exposed to the west.



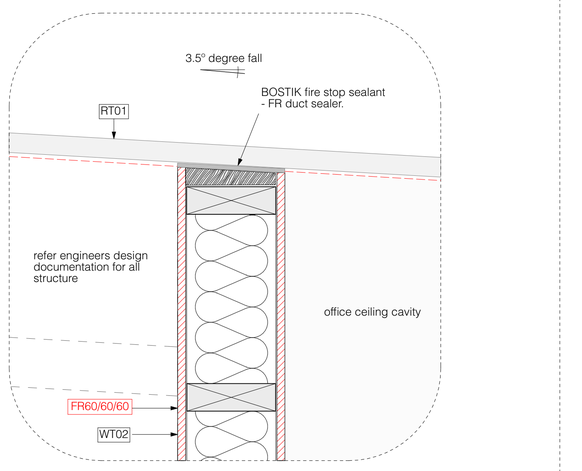

plan view - internal
d13b A08 — wall junction detail
scale 1:5 @ a1




d08 A04 — eaves gutter detail
scale 1:5 @ a1




d09b A20 — office pop cladding detail
scale 1:5 @ a3




d12 A18 — roof junction detail
scale 1:5 @ a1

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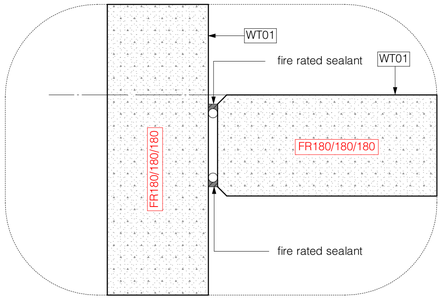
PROJECT:
Te Rapa Stage 2
CLIENT: Fosters Construction
SITE:Te Rapa Industrial Park, Hamilton

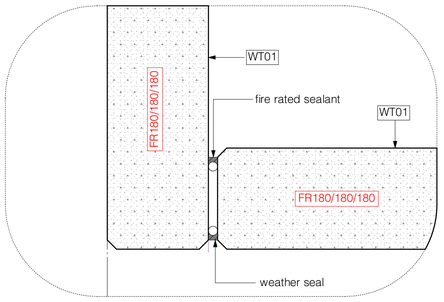
NORTH

DRAWING TITLE:
DETAILS - ROOF

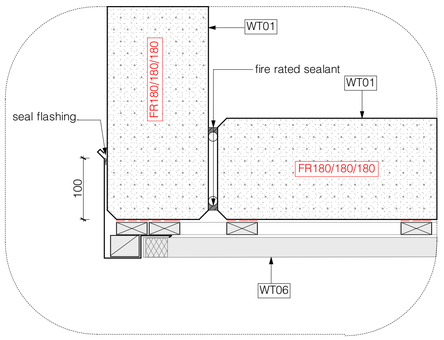
| PROJECT REF: | |
|---|---|
| T0424 TE RAPA S2 | |
| DATE: 25/06/19 | SCALE: 1:5 @ A1 |
| SHEET: A33 | REV: C01 |



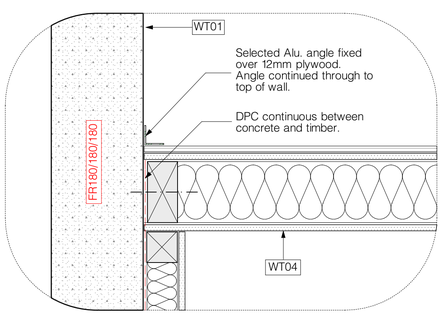

d14 A07 — wall junction detail
scale 1:5 @ a1



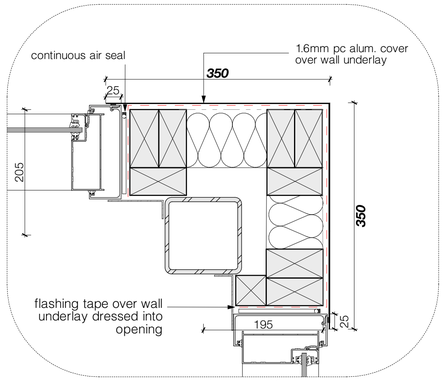

d15 A05 — wall junction detail
scale 1:5 @ a1



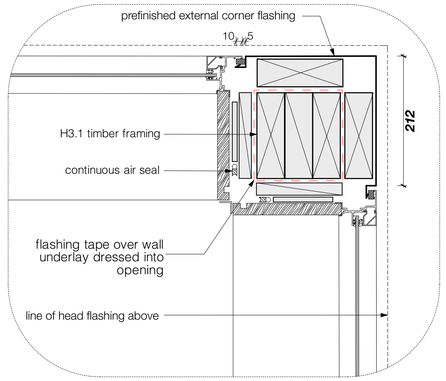

d16 A07 — pc cladding detail
scale 1:5 @ a1



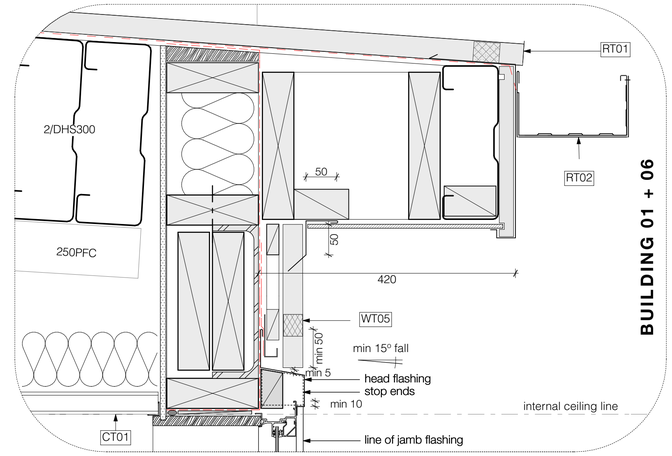

plan view - internal
d17 A07 — wall junction detail
scale 1:5 @ a1



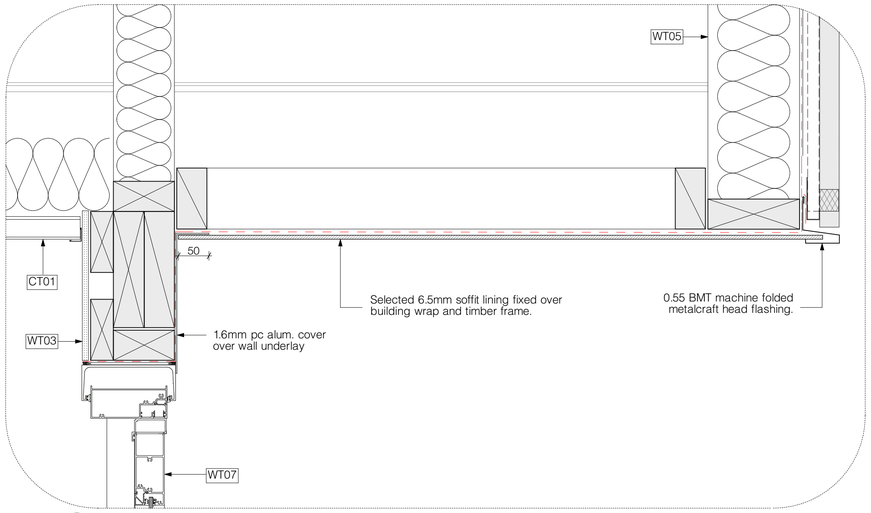

plan view - ground floor
d18 A07 — corner junction detail
scale 1:5 @ a1



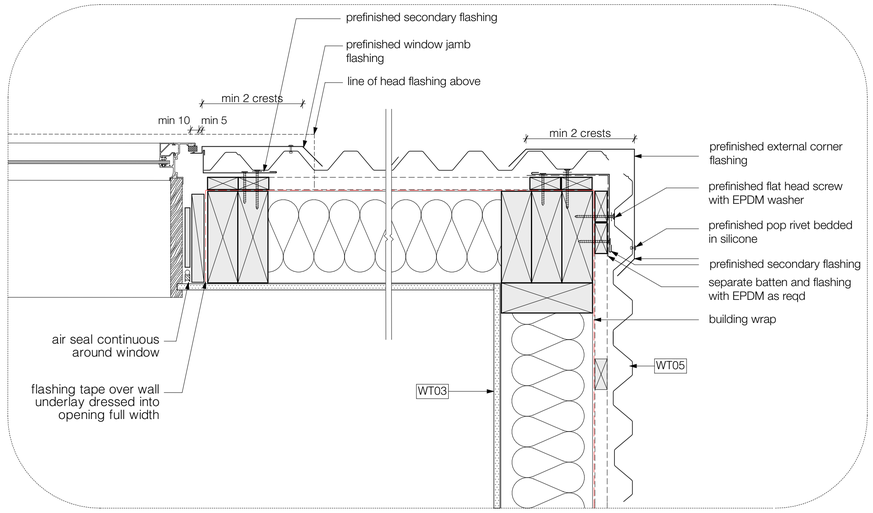

plan view - first floor
d19 A07 — corner junction detail
scale 1:5 @ a1



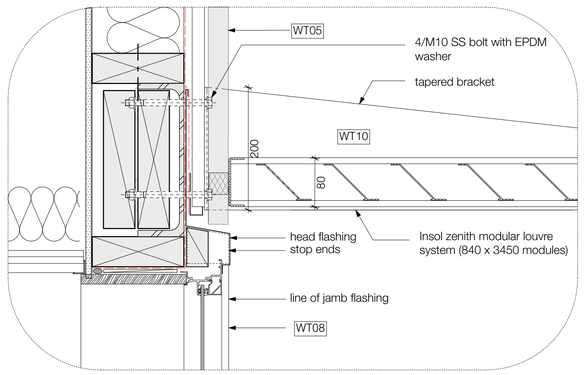

d21 A30 — eaves gutter detail
scale 1:5 @ a1



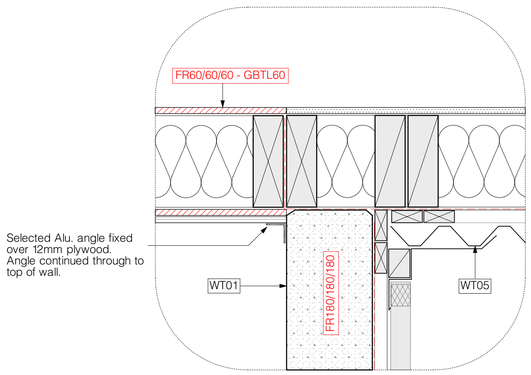

d22 A18 — soffit detail
scale 1:5 @ a1



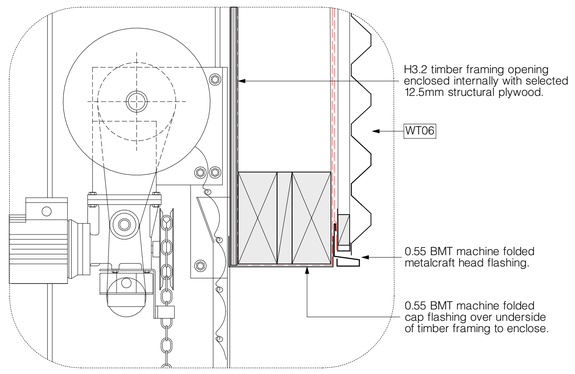

d23 A07 — external corner detail
scale 1:5 @ a1




d28 A30 — sun screen detail
scale 1:5 @ a1




d24 A07 — wall junction detail
scale 1:5 @ a1




d31 A17 — roller door head detail
scale 1:5 @ a1

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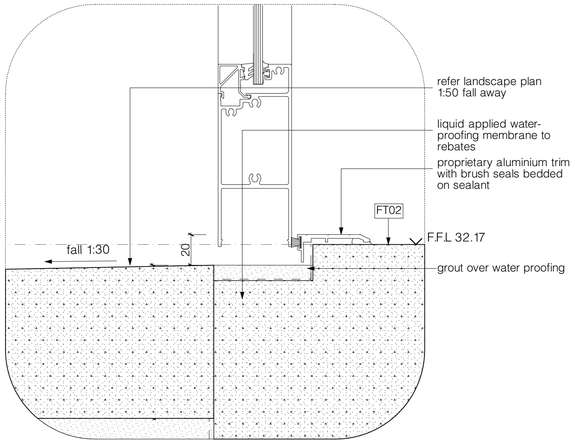
PROJECT:
Te Rapa Stage 2
CLIENT: Fosters Construction
SITE: Te Rapa Industrial Park, Hamilton

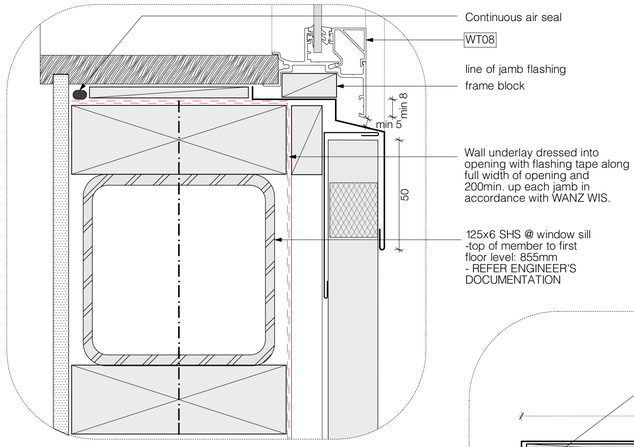
north

DRAWING TITLE:
DETAILS - WALLS

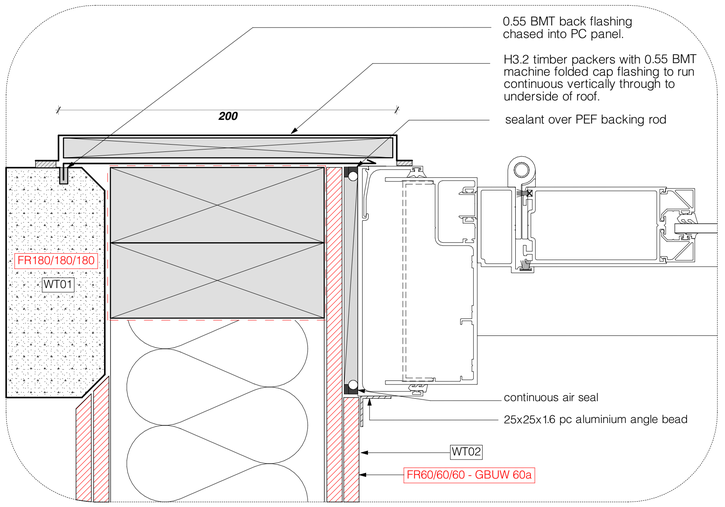
| PROJECT REF: | |
|---|---|
| T0424 TE RAPA S2 | |
| DATE: 25/06/19 | SCALE: 1:5 @ A1 |
| SHEET: A34 | REV: C01 |



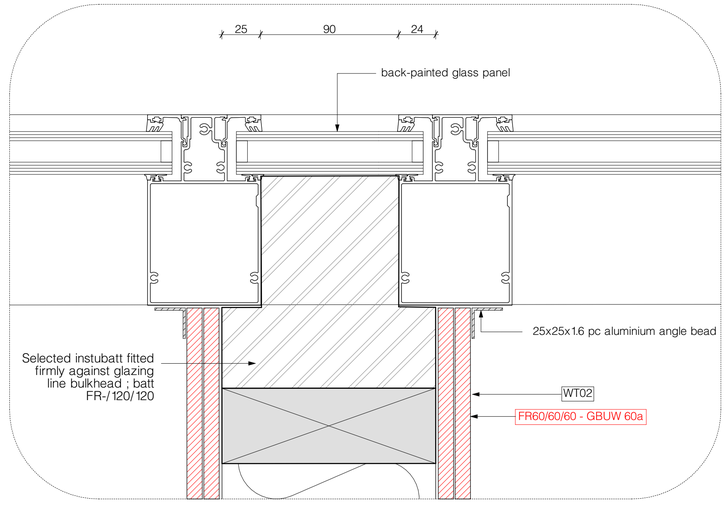

d25 A19 office entry + egress door sill detail
scale 1:2 @ a1



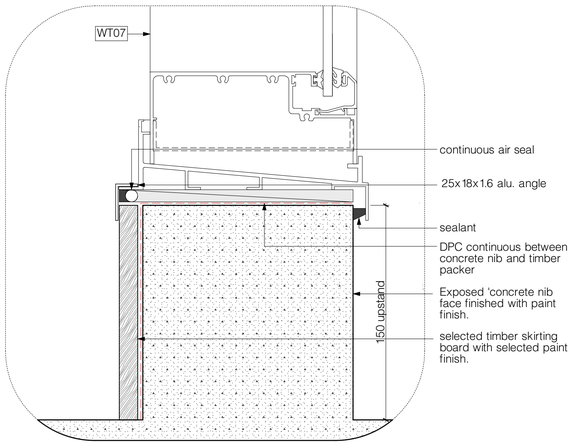

d28 A30 office window sill detail
scale 1:2 @ a1



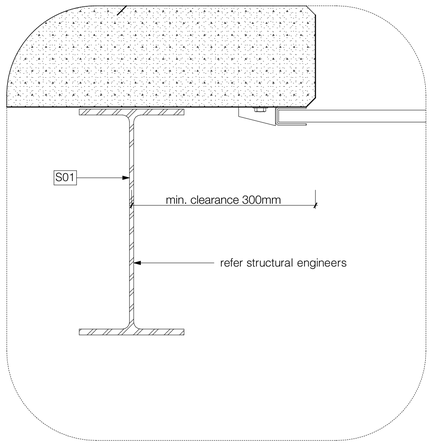

d20 A07 office egress door jamb detail
scale 1:2 @ a1



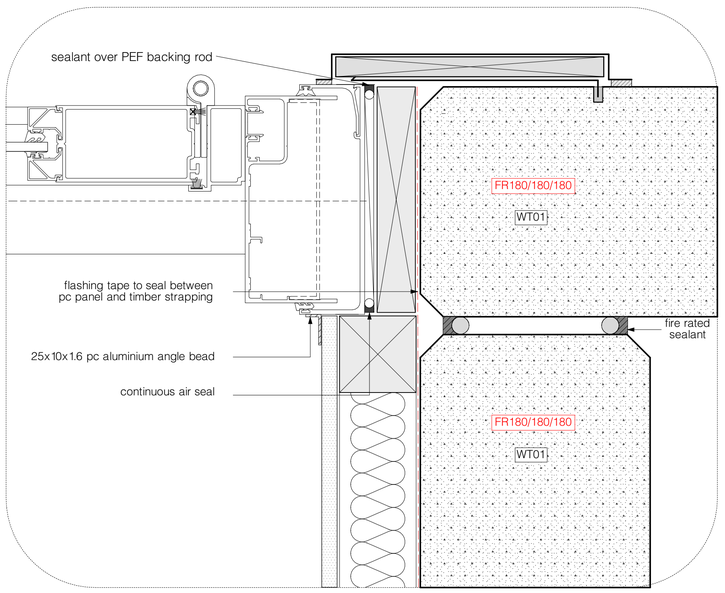

d35 A07 office window wall junction detail
scale 1:2 @ a1



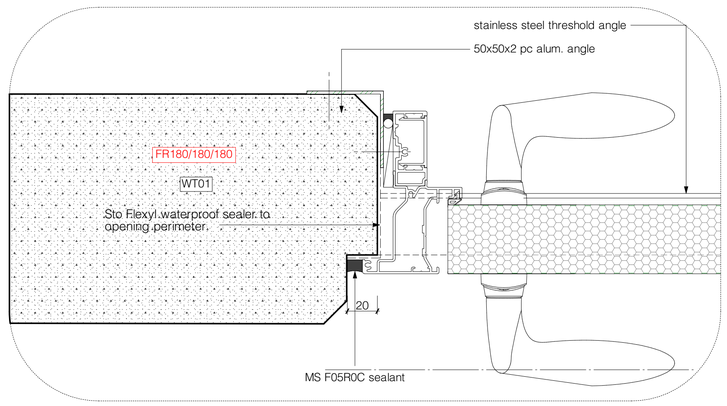

d26 A17 office window sill detail
scale 1:2 @ a1



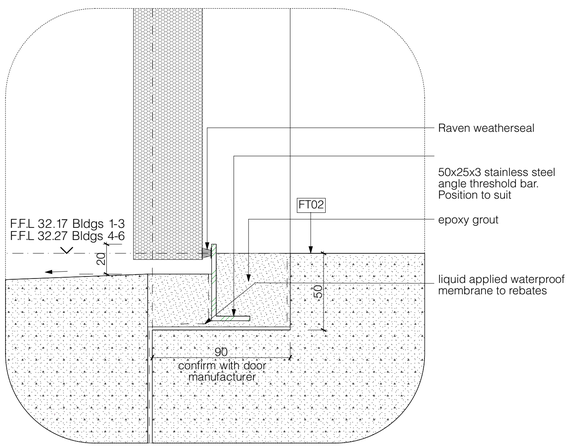

d29 A07 roller door jamb detail
scale 1:2 @ a1



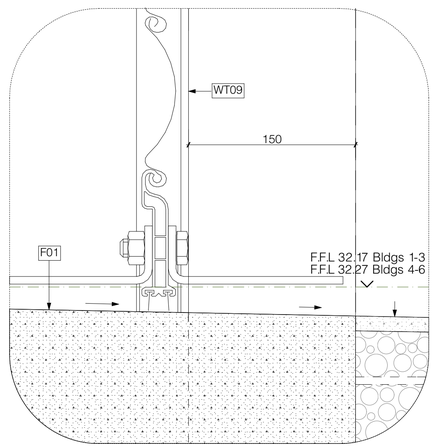

d33 A08 office egress door jamb detail
scale 1:2 @ a1




d34 A07 warehouse egress door / PC panel
scale 1:2 @ a1




d27 A07 warehouse egress door sill detail
scale 1:2 @ a1




d30 A18 roller door sill detail
scale 1:2 @ a1

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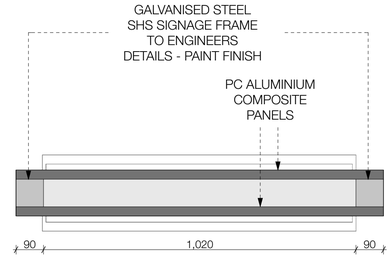
PROJECT:
Te Rapa Stage 2
CLIENT: Fosters Construction
SITE: Te Rapa Industrial Park, Hamilton

NORTH

DRAWING TITLE:
DETAILS - JOINERY

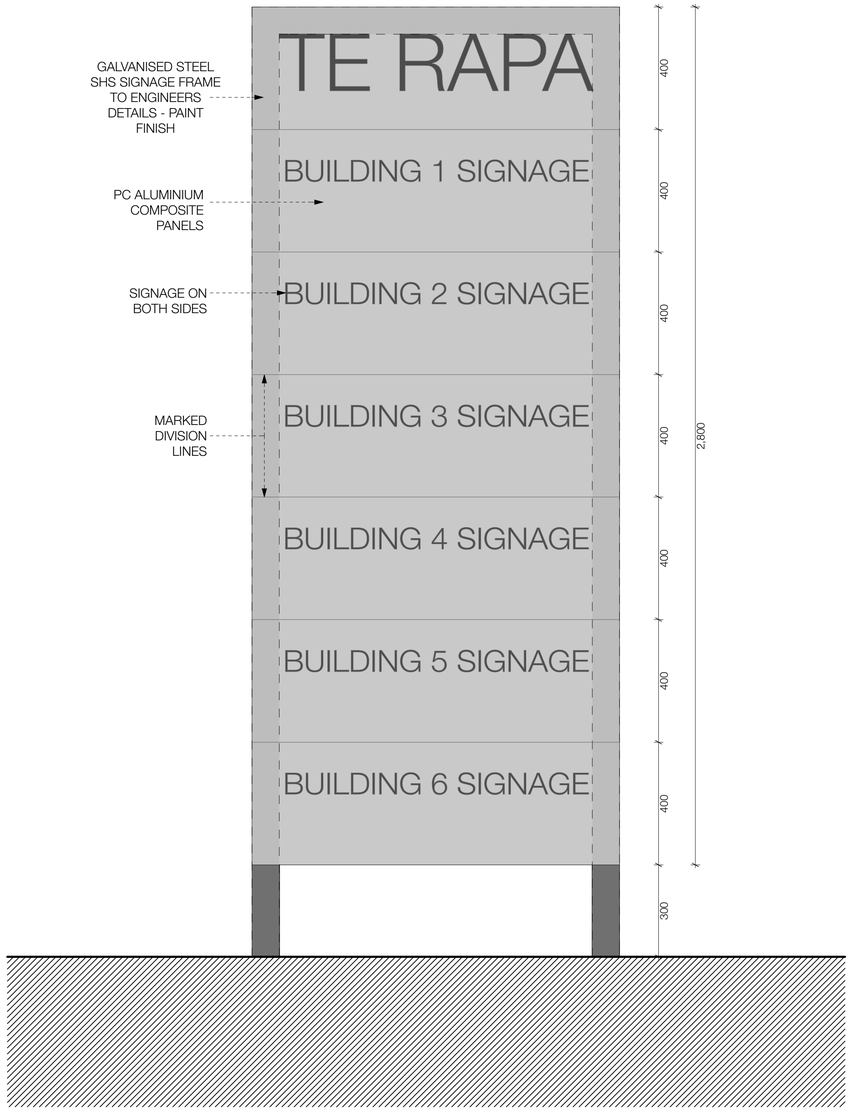
| PROJECT REF: | |
|---|---|
| T0424 TE RAPA S2 | |
| DATE: 25/06/19 | SCALE: 1:2 @ A1 |
| SHEET: A35 | REV: C01 |




D01
A03

## SITE SIGN PLAN

1:10 @ A1




PROPOSED SITE SIGN
- 3.36m²
- DOUBLE SIDED (SAME ON BOTH SIDES)

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PROJECT:
Te Rapa Stage 2
CLIENT: Fosters Construction
SITE:Te Rapa Industrial Park, Hamilton

NORTH

DRAWING TITLE:
DETAILS - SIGNAGE

| PROJECT REF: | |
|---|---|
| T0424 TE RAPA S2 | |
| DATE: 25/06/19 | SCALE: 1:10 @ A1 |
| SHEET: A36 | REV: C01 |