

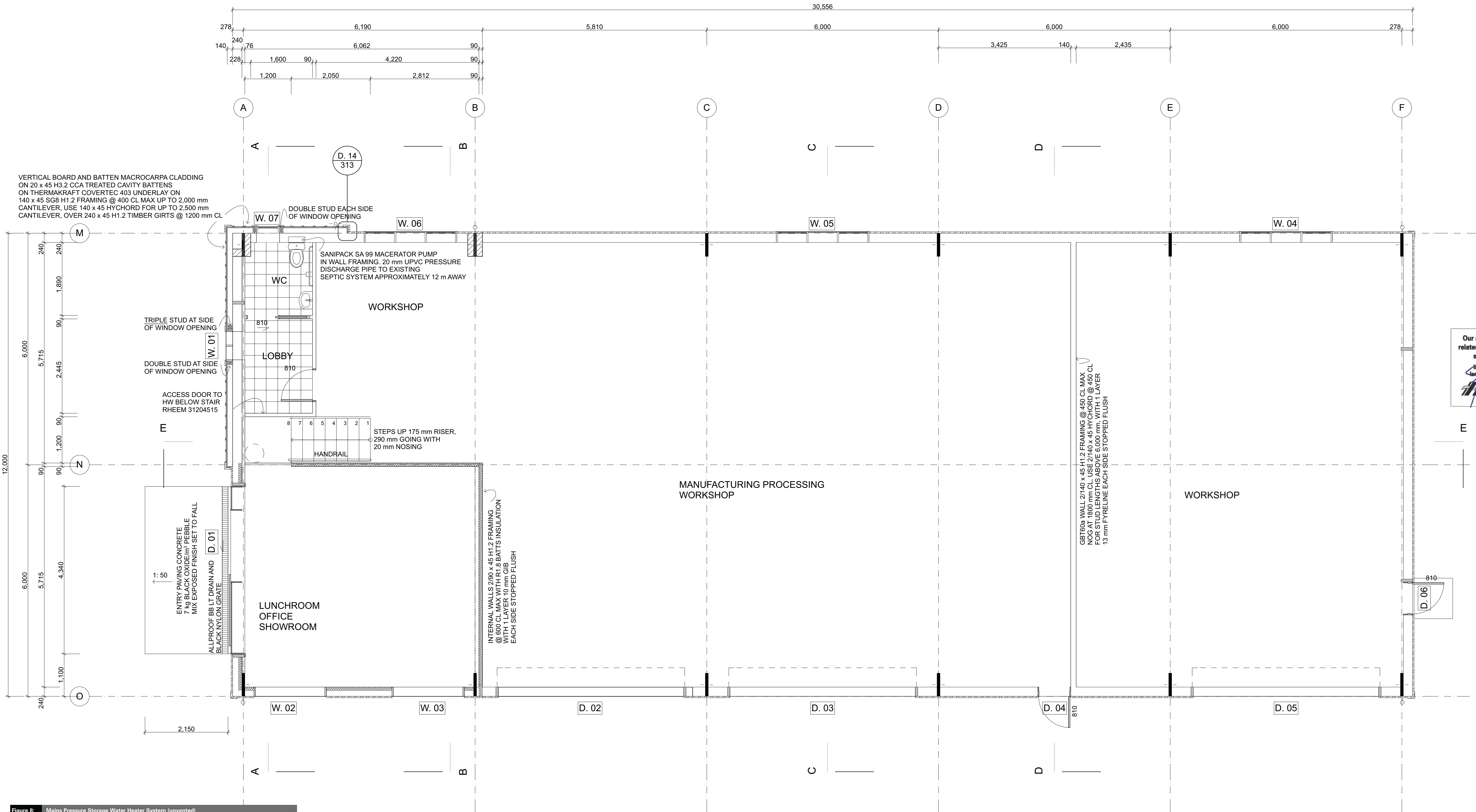
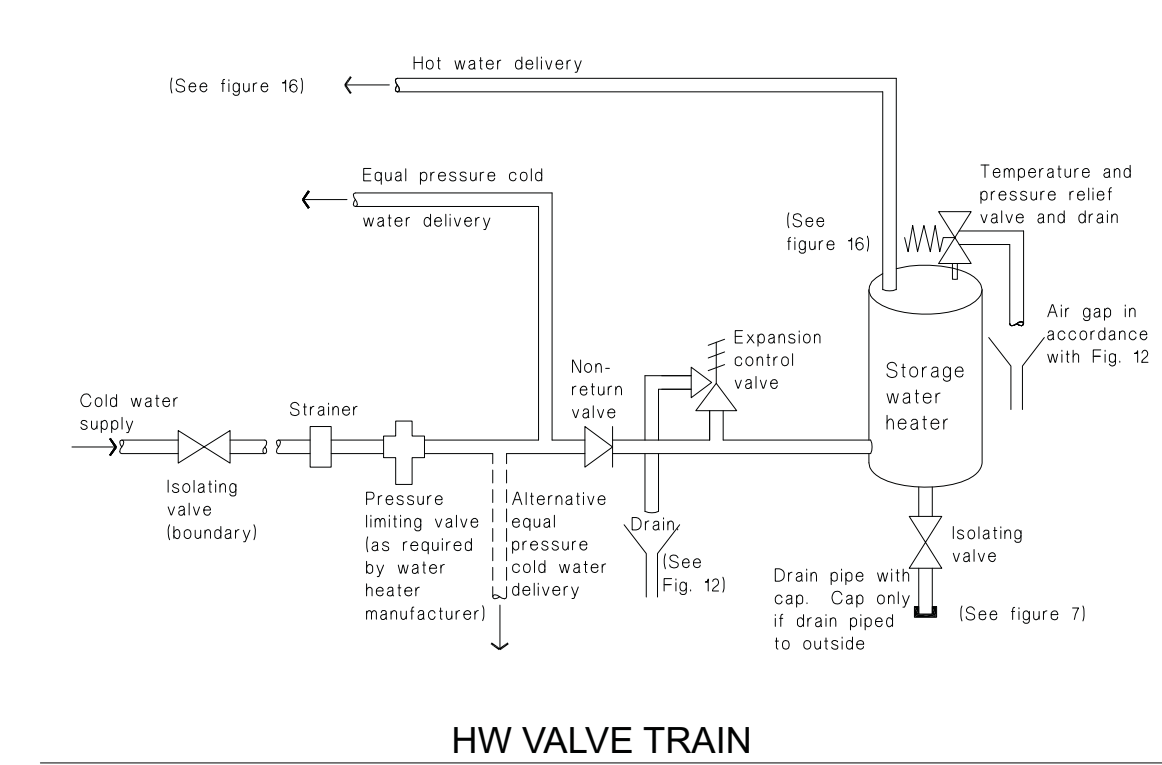


Figure 8: Mains Pressure Storage Water Heater System (unvented)
Paragraphs 6.1.2 and 6.2.1 b)



HW VALVE TRAIN

SHOWROOM H1 CALCULATION:			
NORTH WALLS:	20.24 m2	0.00 m2	
NORTH WINDOWS:	20.24 m2	3.14 m2	
SOUTH WALLS:	20.24 m2	0.00 m2	
SOUTH WINDOWS:	20.24 m2	6.11 m2	
EAST WALLS:	20.24 m2	9.25 m2 = 11% OK < 30%	
EAST WINDOWS:	20.24 m2	9.25 m2 = 15% OK < 30%	
WEST WALLS:	80.98 m2		
WEST WINDOWS:	60.73 m2		
TOTAL WALLS:			
TOTAL WINDOWS:			
SEW WALLS:			
SEW WINDOWS:			
> SCHEDULE METHOD OK			
NOTE: ALL RECESSED DOWNLIGHTS TO BE "CA" RATED			
INSULATED SLAB AREA: 37.4 m2			
INSULATED SLAB PERIMETER: 24.46 m			
RATIO: 1.5			
INSULATION:			
WALLS	REQUIRED R1.9	PROVIDED R1.9	
FLOORS	R1.3	R1.3	
CEILING	R2.9	R2.9	
GLAZING	R0.26	R0.15	NOT SCHEDULE > USE CALCULATION

HL-REF	=	$\frac{A_{ROOF}}{2.9} + \frac{A_{TOWALL}}{1.9} + \frac{A_{FLOOR}}{1.3} + \frac{A_{SOWALL}}{0.26}$	=	164.93
HL-PROP	=	$\frac{A_{ROOF}}{2.9} + \frac{A_{TOWALL}}{1.9} + \frac{A_{FLOOR}}{1.3} + \frac{A_{GLAZING}}{0.15}$	=	141.09
HL-PROP	<	HL-REF	OK	

WATERPROOFING:
BATHROOMS, SELECTED CERAMIC TILES, WITH 100 mm SKIRTING TILE, SLIP RESISTANCE R 0.4 MINIMUM ON MAPEIGUM WPS WATERPROOFING MEMBRANE ON 10 mm GIB AQUALINE. TAKE WATERPROOFING BEHIND TILES 150 mm ABOVE VANITY. 10 mm GIB AQUALINE WALLS & CEILINGS TO WET AREAS

FLOOR PLAN

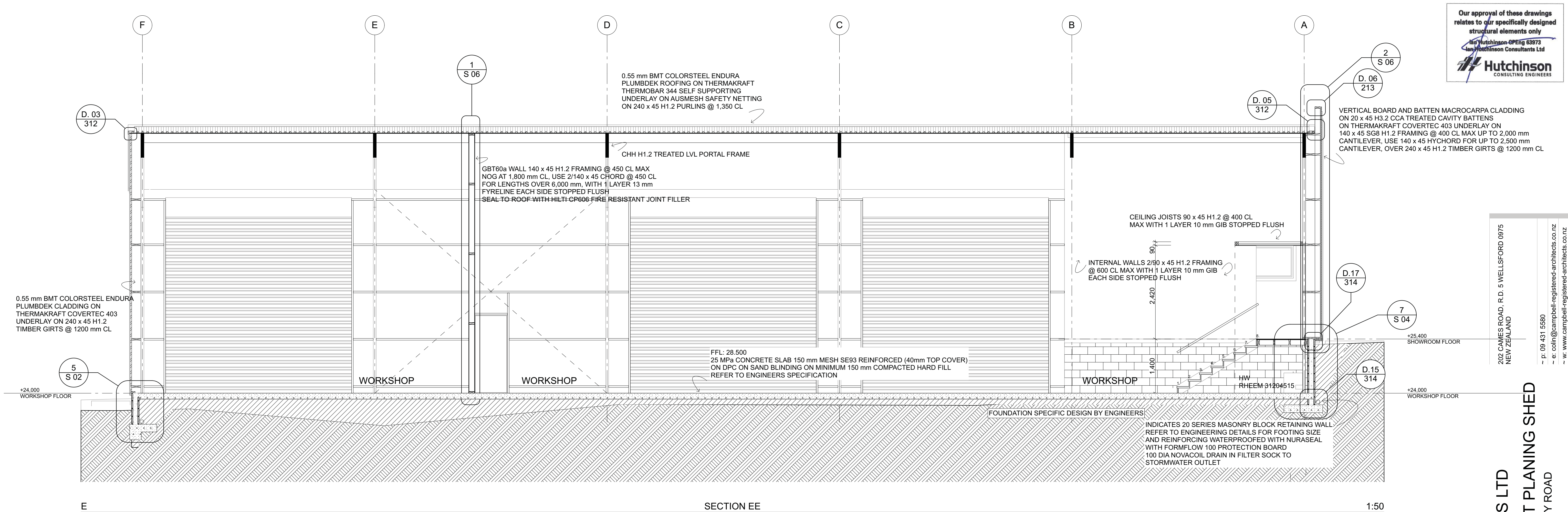
1:50

Our approval of these drawings relates to our specifically designed structural elements only
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FLOOR PLAN
THREE BLOKES LTD
REPLACEMENT PLANING SHED
362 MATAKANA VALLEY ROAD
MATAKANA

SHEET TITLE: FLOOR PLAN
REVISION #:
A: SKETCH DESIGN
B: BUILDING CONSENT
ISSUED: 7/12/17
PROJECT #: 14025
303



SUPERSEDED

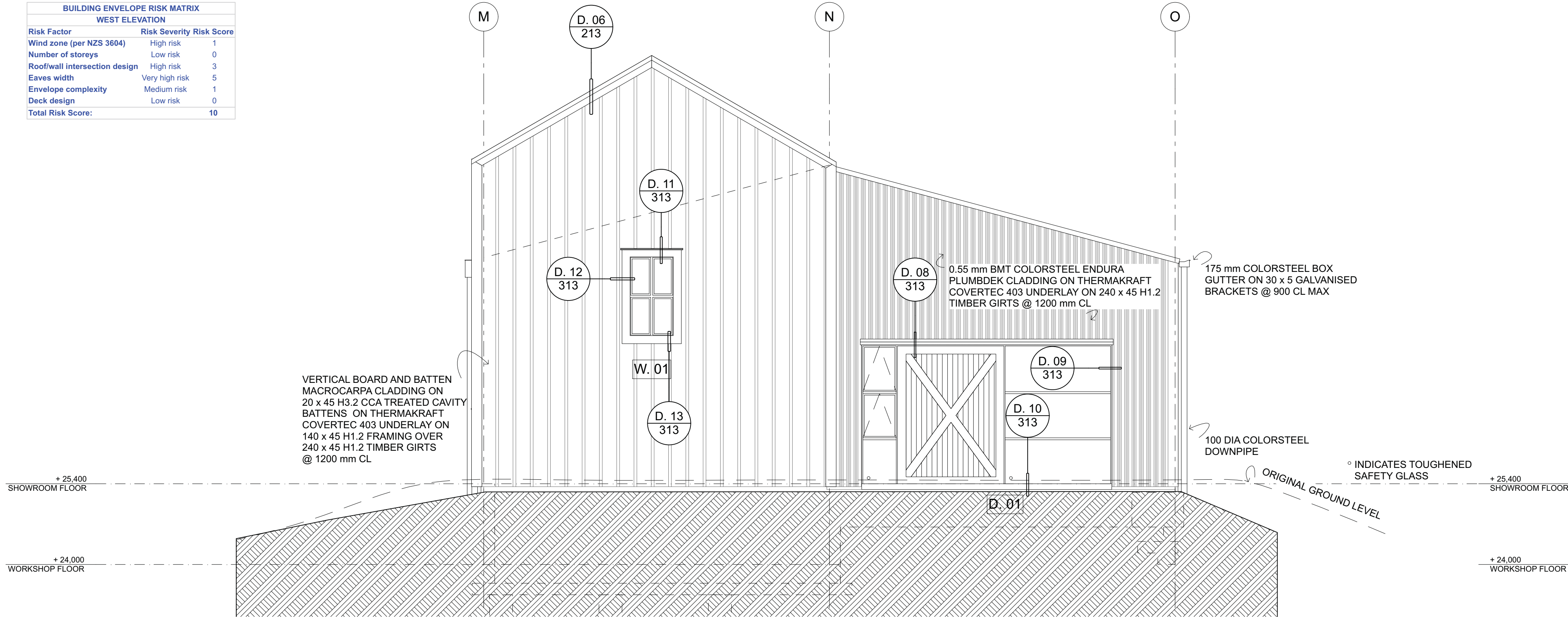
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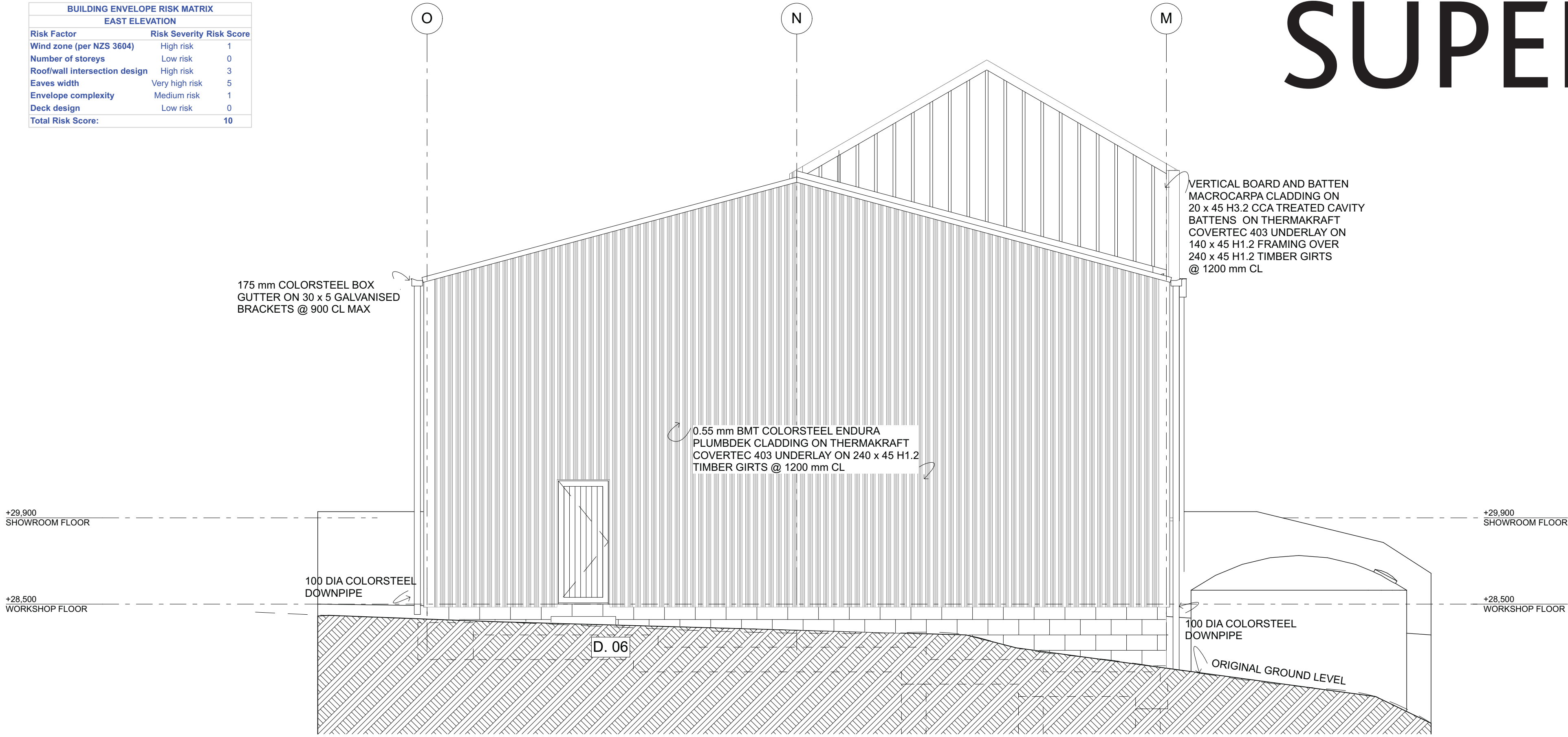
LONG SECTION
THREE BLOKES LTD
REPLACEMENT PLANING SHED
362 MATAKANA VALLEY ROAD
MATAKANA

SHEET TITLE: LONG SECTION
SHEET
REVISION #:
A: SKETCH DESIGN
B: BUILDING CONSENT
ISSUED: 7/12/17
PROJECT #: 14025
307

BUILDING ENVELOPE RISK MATRIX		
WEST ELEVATION		
Risk Factor	Risk Severity	Risk Score
Wind zone (per NZS 3604)	High risk	1
Number of storeys	Low risk	0
Roof/wall intersection design	High risk	3
Eaves width	Very high risk	5
Envelope complexity	Medium risk	1
Deck design	Low risk	0
Total Risk Score:		10



BUILDING ENVELOPE RISK MATRIX		
EAST ELEVATION		
Risk Factor	Risk Severity	Risk Score
Wind zone (per NZS 3604)	High risk	1
Number of storeys	Low risk	0
Roof/wall intersection design	High risk	3
Eaves width	Very high risk	5
Envelope complexity	Medium risk	1
Deck design	Low risk	0
Total Risk Score:		10



SUPERSEDED

SHEET TITLE:
ELEVATIONS

REVISION #:
A: SKETCH DESIGN
B: BUILDING CONSENT

ISSUED:
7/12/17

PROJECT #:
14025

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REPLACEMENT PLANING SHED

362 MATAKANA VALLEY ROAD

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