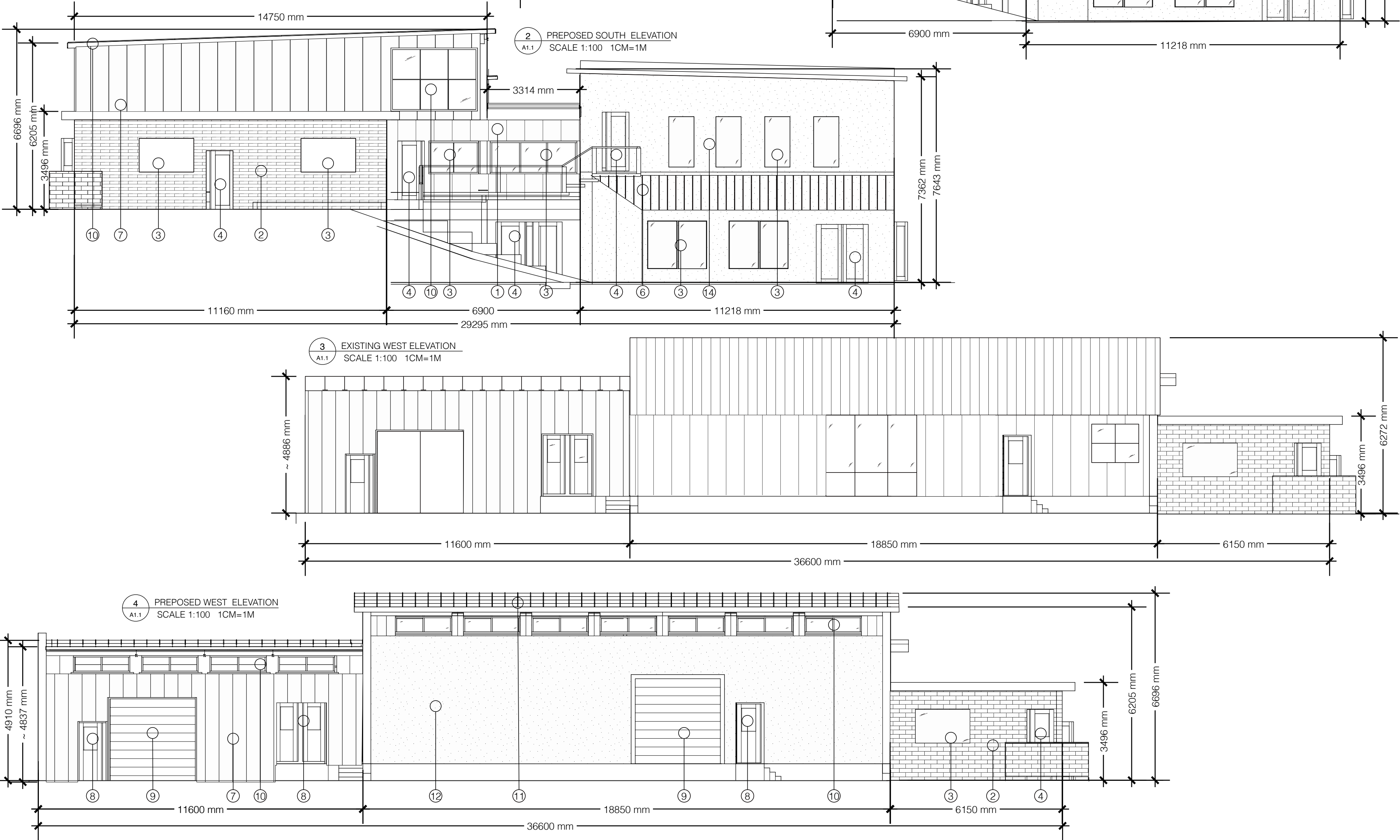


FINISHES LEGEND

#	MATERIAL	COLOUR
1	EXISTING GALVANIZED METAL SIDING	EXISTING
2	EXISTING BRICK WALL	EXISTING
3	EXISTING WINDOW	EXISTING
4	EXISTING MAN DOOR	EXISTING
5	EXISTING LOADING DOOR	EXISTING
6	EXISTING METAL ROOFING	EXISTING
7	NEW RECYCLED METAL SIDING	GREY
8	NEW MAN DOOR	SOLID WOOD
9	NEW OVERHEAD DOOR	GLASS/ALUMINUM
10	NEW WINDOW	WOODFRAME
11	NEW METAL ROOFING	GALVOLUM
12	NEW STUCCO	TAN
13	EXISTING BLOCK WALL	EXISTING
14	EXISTING STUCCO	EXISTING



SOLID WOODWORK LTD
3628 15A STREET SE
CALGARY, ALBERTA
CANADA, T2G-3N6
(403)264-2885
ERIC@SOLIDWOODWORK.COM
NILS@SOLIDWOODWORK.COM

DRAWN BY:
NTS

CHECKED BY:
ES

PROJECT:
FIRE REST.
ORIG. DP #995596
PLAN 2167N
BLOCK 18
LOTS 7,8,9

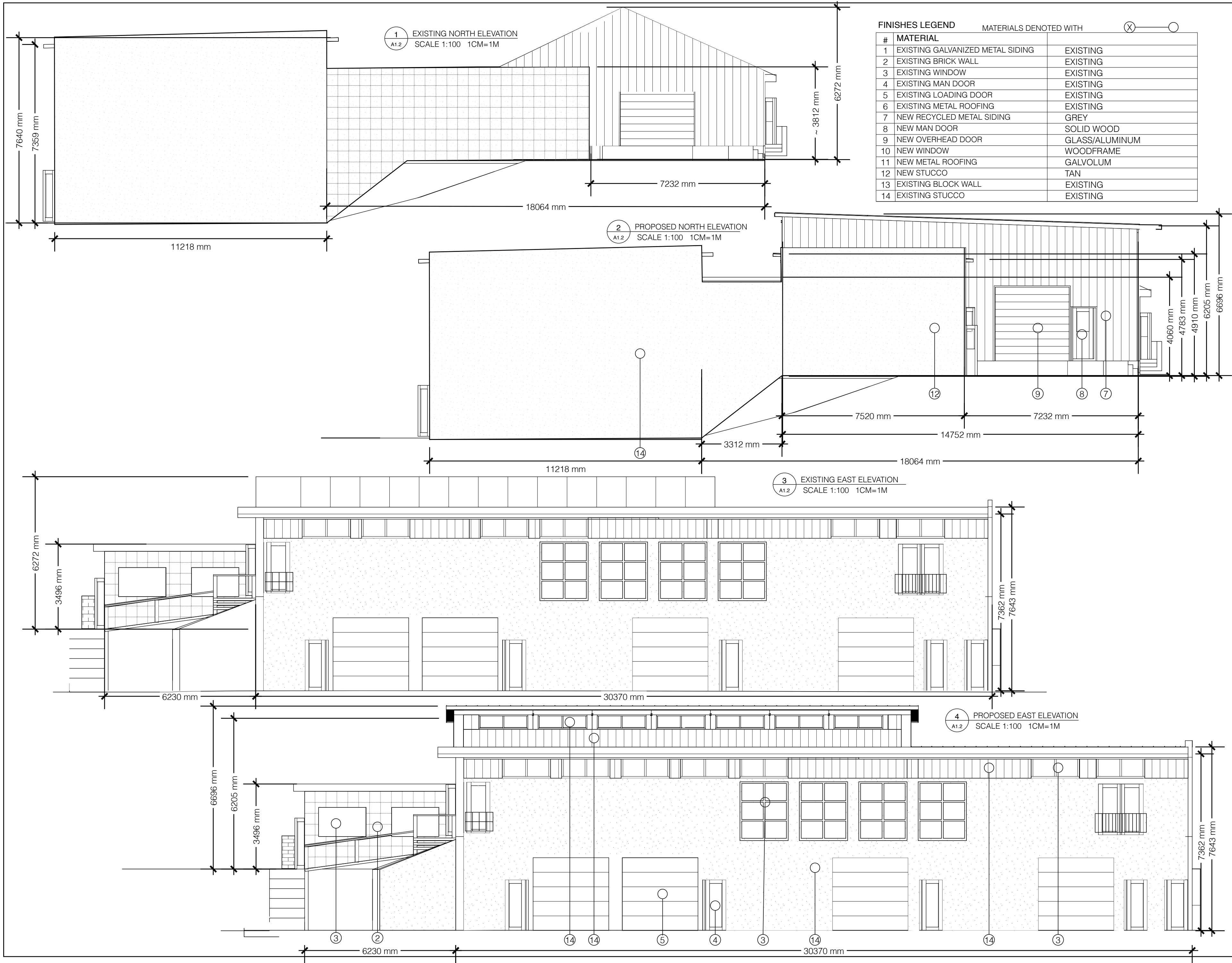
DATE:
JULY 19, 2013

DRAWING TITLE

ELEVATIONS I

A1.1

SCALE 1:100 (1cm=1m)



FINISHES LEGEND		MATERIALS DENOTED WITH	(X) — ○
#	MATERIAL		
1	EXISTING GALVANIZED METAL SIDING	EXISTING	
2	EXISTING BRICK WALL	EXISTING	
3	EXISTING WINDOW	EXISTING	
4	EXISTING MAN DOOR	EXISTING	
5	EXISTING LOADING DOOR	EXISTING	
6	EXISTING METAL ROOFING	EXISTING	
7	NEW RECYCLED METAL SIDING	GREY	
8	NEW MAN DOOR	SOLID WOOD	
9	NEW OVERHEAD DOOR	GLASS/ALUMINUM	
10	NEW WINDOW	WOODFRAME	
11	NEW METAL ROOFING	GALVOLUM	
12	NEW STUCCO	TAN	
13	EXISTING BLOCK WALL	EXISTING	
14	EXISTING STUCCO	EXISTING	

SOLID WOODWORK LTD
3628 15A STREET SE
CALGARY, ALBERTA
CANADA, T2G-3N6
(403)264-2885
ERIC@SOLIDWOODWORK.COM
NILS@SOLIDWOODWORK.COM

DRAWN BY:
NTS

CHECKED BY:
ES

PROJECT:
FIRE REST.
ORIG. DP #995596
PLAN 2167N
BLOCK 18
LOTS 7,8,9

DATE:
JULY 19, 2013

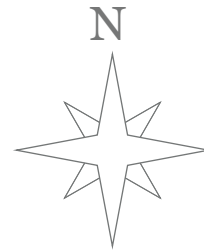
DRAWING TITLE

ELEVATIONS II

DRAWING #

A1.2

SCALE 1:100 (1cm=1m)



SOLID WOODWORK LTD
3628 15A STREET SE
CALGARY, ALBERTA
CANADA, T2G-3N6
(403)264-2885
ERIC@SOLIDWOODWORK.COM
NILS@SOLIDWOODWORK.COM

DRAWN BY:
NTS

CHECKED BY:
ES

PROJECT:
FIRE REST.
ORIG. DP #995596
PLAN 2167N
BLOCK 18
LOTS 7,8,9

DATE:
JULY 19, 2013

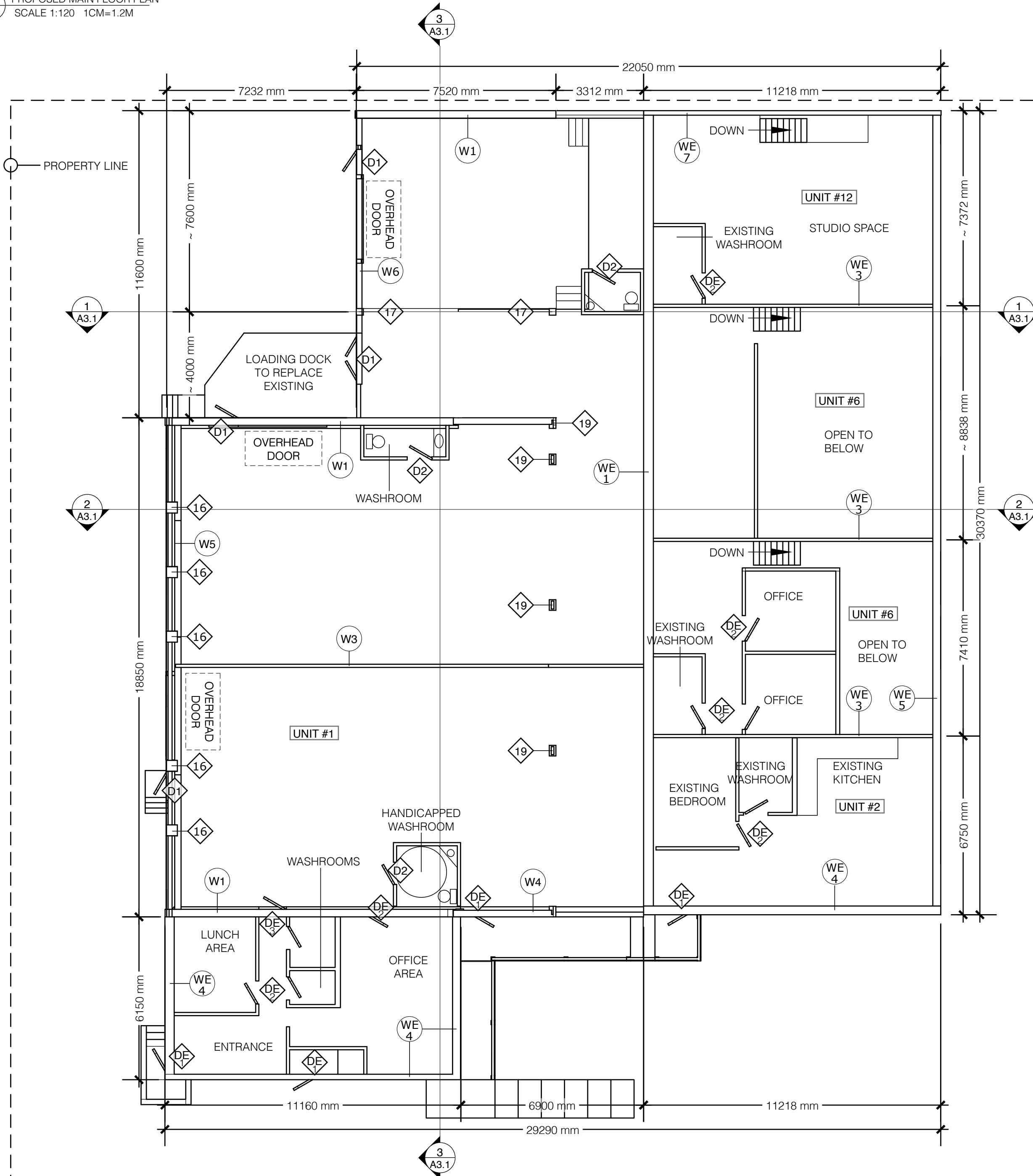
DRAWING TITLE

MAINFLOOR
PLAN

DRAWING #

A2.1

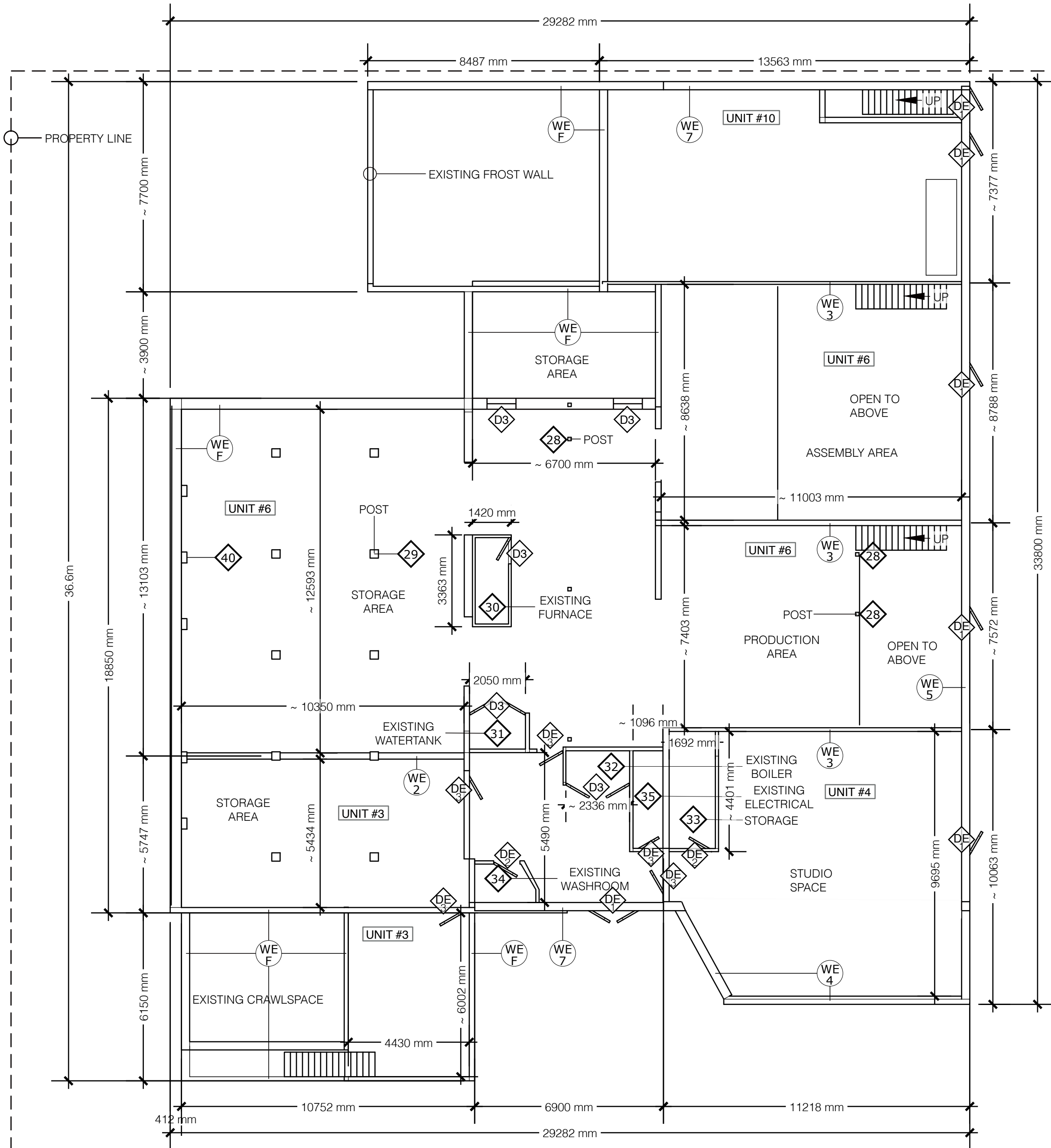
SCALE 1:120 (1cm=1.2m)
(1"=10')



WALL ASSEMBLIES	
W1	o METAL CLADDING o 240MM IFC BLOCK (2 H) o C/W 150MM CONCRETE CORE OF 25MPA o 10MM REBAR @ 400MM O/C B/W o PRODUCING A FIRE RESISTANCE RATING OF 2H AS PER CAN-ULC-S101- M89
W2	o 15.9MM TYPE X GYPSUM BOARD (40 MIN) o 2X4 WOOD STUDS @ 400MM O/C (20 MIN) o 15.9MM TYPE X GYPSUM BOARD (40 MIN) o PRODUCING A FIRE RATING OF 1 H AS PER APPENDIX D, ABC 2006
W3	o 15.9MM TYPE X GYPSUM BOARD (40 MIN) o 90MM STEEL STUDS @ 400MM O/C (10 MIN) o 15.9MM TYPE X GYPSUM BOARD (40 MIN) o PRODUCING A FIRE RATING OF 50MIN AS PER APPENDIX D,ABC2006
W4	o DOUBLE 12.7MM TYPE X GYPSUM BOARD (80 MIN) o 165 MM EMERCOR STRUCTURAL INSULATED PANEL o 28 GAUGE STEEL SIDING o PRODUCING A FIRE RESISTANCE RATING OF 80MIN AS PER APPENDIX D, ABC 2006
W5	o 900MM X 450MM X 320MM FLAX STRAW INFILL (2 H) o 1200MM X 10MM REBAR @ 900MM O/C (STAGGERED ROWS) o EXPANDED WIRE MESH (EMBEDDED IN COLUMN @ 600 VERT. EXTENDING 300MM IN BALE INFILL) o 25MM FLAT STEEL STRAP DIAGONAL BRACE o 40X40MM GRID STUCCO WIRE 2 SIDES o 2MM HANGER WIRE (TIED THROUGH BALE TO STUCCO) o 3 COAT CEMENT STUCCO (BOTH SIDES) o PRODUCING A FIRE RESISTANCE RATING OF 2H AS PER CAN-ULCS101
W6	o 15.9MM TYPE X GYPSUM BOARD (40 MIN) o 2X6 WOOD STUDS @ 400 O/C (20 MIN) o ROCKWOOL INSULATION o 28 GAUGE STEEL SIDING o PRODUCING A FIRE RESISTANCE RATING OF 1H AS PER APPENDIX D, ABC 2006
W7	o CONCRETE BLOCK WALL o PRODUCING A FIRE RESISTANCE RATING OF 2H AS PER APPENDIX D, ABC 2006
WE 0	o WALL EXISTING o TYPE SPECIFIED
WE F	o WALL EXISTING o FOUNDATION WALL

DOOR SCHEDULE	
D1	EXTERIOR DOOR FIRE RESISTANCE RATING OF 45 MIN
D2	INTERIOR DOOR FIRE RESISTANCE RATING OF 20 MIN
D3	INTERIOR DOOR - FIRE SEPERATION FIRE RESISTANCE RATING OF 45 MIN
D4	OVERHEAD DOOR GLASS AND ALUMINUM
DE	EXISTING DOOR SPECIFIED TYPE

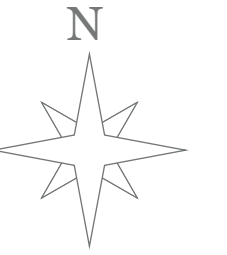
#	DESCRIPTION
16	CINDERBLOCK COLUMN 400x400 BLOCKS ALT. STACKED 4 @ 10MM REBAR STAGGERED CONCRETE FILL
17	250MM X 250MM FIR POST
18	600MM X 300MM FIR BEAM
19	400MM X 250MM FIR POST
20	400MM X 200MM FIR BEAM
21	180MM X 90MM FIR PURLIN



WALL ASSEMBLIES	
W1	o METAL CLADDING o 240MM IFC BLOCK (2 H) o C/W 150MM CONCRETE CORE OF 25MPA o 10MM REBAR @ 400MM O/C B/W o PRODUCING A FIRE RESISTANCE RATING OF 2H AS PER CAN-ULC-S101- M89
W2	o 15.9MM TYPE X GYPSUM BOARD (40 MIN) o 2X4 WOOD STUDS @ 400MM O/C (20 MIN) o 15.9MM TYPE X GYPSUM BOARD (40 MIN) o PRODUCING A FIRE RATING OF 1 H AS PER APPENDIX D, ABC 2006
W3	o 15.9MM TYPE X GYPSUM BOARD (40 MIN) o 90MM STEEL STUDS @ 400MM O/C (10 MIN) o 15.9MM TYPE X GYPSUM BOARD (40 MIN) o PRODUCING A FIRE RATING OF 50MIN AS PER APPENDIX D,ABC2006
W4	o DOUBLE 12.7MM TYPE X GYPSUM BOARD (80 MIN) o 165 MM EMERCOR STRUCTURAL INSULATED PANEL o 28 GAUGE STEEL SIDING o PRODUCING A FIRE RESISTANCE RATING OF 80MIN AS PER APPENDIX D, ABC 2006
W5	o 900MM X 450MM X 320MM FLAX STRAW INFILL (2 H) o 1200MM X 10MM REBAR @ 900MM O/C (STAGGERED ROWS) o EXPANDED WIRE MESH (EMBEDDED IN COLUMN @ 600 VERT. EXTENDING 300MM IN BALE INFILL) o 25MM FLAT STEEL STRAP DIAGONAL BRACE o 40X40MM GRID STUCCO WIRE 2 SIDES o 2MM HANGER WIRE (TIED THROUGH BALE TO STUCCO) o 3 COAT CEMENT STUCCO (BOTH SIDES) o PRODUCING A FIRE RESISTANCE RATING OF 2H AS PER CAN-ULCS101
W6	o 15.9MM TYPE X GYPSUM BOARD (40 MIN) o 2X6 WOOD STUDS @ 400 O/C (20 MIN) o ROCKWOOL INSULATION o 28 GAUGE STEEL SIDING o PRODUCING A FIRE RESISTANCE RATING OF 1H AS PER APPENDIX D, ABC 2006
W7	o CONCRETE BLOCK WALL o PRODUCING A FIRE RESISTANCE RATING OF 2H AS PER APPENDIX D, ABC 2006
WE 0	o WALL EXISTING o TYPE SPECIFIED
WE F	o WALL EXISTING o FOUNDATION WALL

DOOR SCHEDULE	
D1	EXTERIOR DOOR FIRE RESISTANCE RATING OF 45 MIN
D2	INTERIOR DOOR FIRE RESISTANCE RATING OF 20 MIN
D3	INTERIOR DOOR - FIRE SEPERATION FIRE RESISTANCE RATING OF 45 MIN
D4	OVERHEAD DOOR GLASS AND ALUMINUM
DE	EXISTING DOOR SPECIFIED TYPE

#	DESCRIPTION
D28	125MM X 125MM STEEL POST
D29	LAMINATED POST 4 LAYER 2 X 6"
D30	FURNACE - EXISTING
D31	WATER STORAGE - EXISTING
D32	BOILER - EXISITING
D33	STORAGE ROOM
D34	WASHROOM
D35	ELECTRICAL ROOM



SOLID WOODWORK LTD
3628 15A STREET SE
CALGARY, ALBERTA
CANADA, T2G-3N6
(403)264-2885
ERIC@SOLIDWOODWORK.COM
NILS@SOLIDWOODWORK.COM

DRAWN BY:
NTS

CHECKED BY:
ES

PROJECT:
FIRE REST.
ORIG. DP #995596
PLAN 2167N
BLOCK 18
LOTS 7,8,9

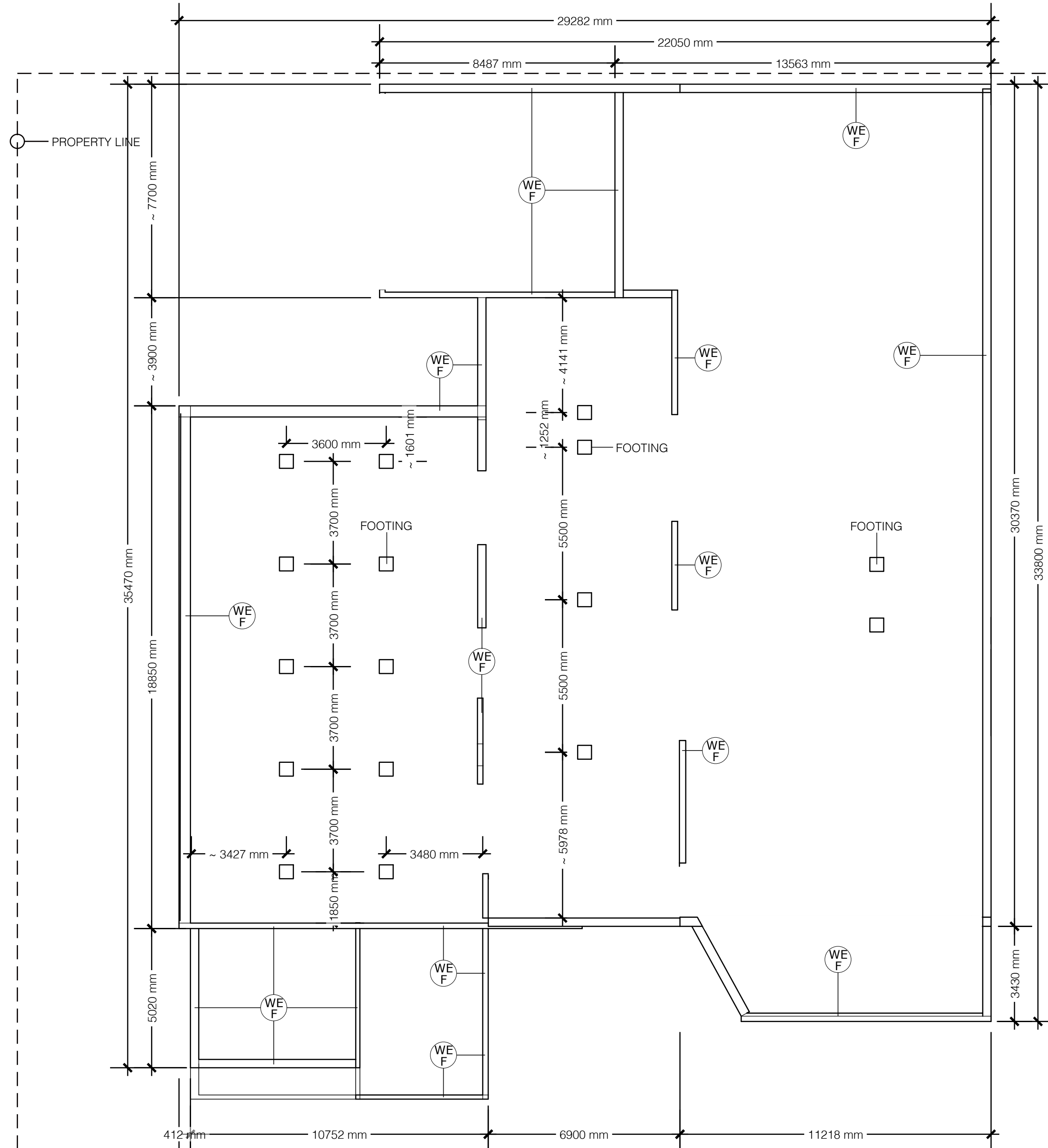
DATE:
JULY 19, 2013

DRAWING TITLE
LOWERFLOOR
PLAN
(EXISTING)

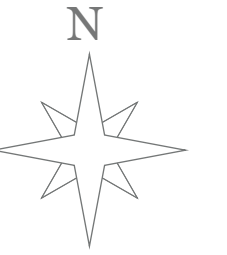
DRAWING #

A2.2

SCALE 1:120 (1cm=1.2m)
(1"=10')



WALL ASSEMBLIES	
W1	- o METAL CLADDING - o 240MM IFC BLOCK (2 H) - o C/W 150MM CONCRETE CORE OF 25MPA - o 10MM REBAR @ 400MM O/C B/W - o PRODUCING A FIRE RESISTANCE RATING OF 2H AS PER CAN-ULC-S101- M89
W2	- o 15.9MM TYPE X GYPSUM BOARD (40 MIN) - o 2X4 WOOD STUDS @ 400MM O/C (20 MIN) - o 15.9MM TYPE X GYPSUM BOARD (40 MIN) - o PRODUCING A FIRE RATING OF 1 H AS PER APPENDIX D, ABC 2006
W3	- o 15.9MM TYPE X GYPSUM BOARD (40 MIN) - o 90MM STEEL STUDS @ 400MM O/C (10 MIN) - o 15.9MM TYPE X GYPSUM BOARD (40 MIN) - o PRODUCING A FIRE RATING OF 50MIN AS PER APPENDIX D,ABC2006
W4	- o DOUBLE 12.7MM TYPE X GYPSUM BOARD (80 MIN) - o 165 MM EMERCOR STRUCTURAL INSULATED PANEL - o 28 GAUGE STEEL SIDING - o PRODUCING A FIRE RESISTANCE RATING OF 80MIN AS PER APPENDIX D, ABC 2006
W5	- o 900MM X 450MM X 320MM FLAX STRAW INFILL (2 H) - o 1200MM X 10MM REBAR @ 900MM O/C (STAGGERED ROWS) - o EXPANDED WIRE MESH (EMBEDDED IN COLUMN @ 600 VERT. EXTENDING 300MM IN BAILE INFILL) - o 25MM FLAT STEEL STRAP DIAGONAL BRACE - o 40X40MM GRID STUCCO WIRE 2 SIDES - o 2MM HANGER WIRE (TIED THROUGH BAILE TO STUCCO) - o 3 COAT CEMENT STUCCO (BOTH SIDES) - o PRODUCING A FIRE RESISTANCE RATING OF 2H AS PER CAN-ULCS101
W6	- o 15.9MM TYPE X GYPSUM BOARD (40 MIN) - o 2X6 WOOD STUDS @ 400 O/C (20 MIN) - o ROCKWOOL INSULATION - o 28 GAUGE STEEL SIDING - o PRODUCING A FIRE RESISTANCE RATING OF 1H AS PER APPENDIX D, ABC 2006
W7	- o CONCRETE BLOCK WALL - o PRODUCING A FIRE RESISTANCE RATING OF 2H AS PER APPENDIX D, ABC 2006
WE0	- o WALL EXISTING - o TYPE SPECIFIED
WEF	- o WALL EXISTING - o FOUNDATION WALL



SOLID WOODWORK LTD
3628 15A STREET SE
CALGARY, ALBERTA
CANADA, T2G-3N6
(403)264-2885
ERIC@SOLIDWOODWORK.COM
NILS@SOLIDWOODWORK.COM

DRAWN BY:
NTS

CHECKED BY:
ES

PROJECT:
FIRE REST.
ORIG. DP #995596
PLAN 2167N
BLOCK 18
LOTS 7,8,9

DATE:
JULY 19, 2013

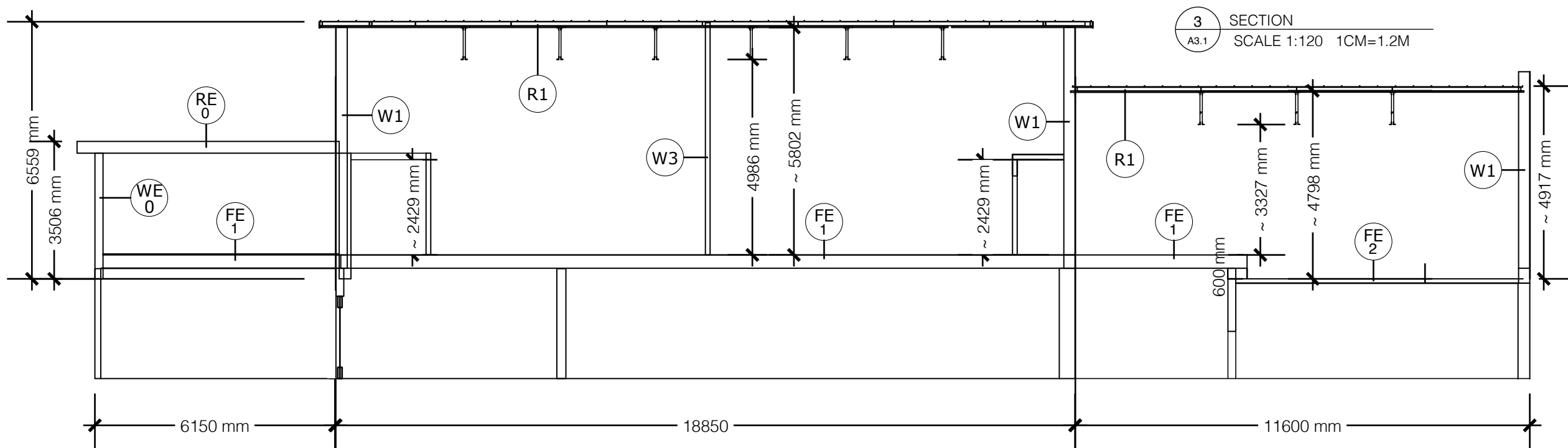
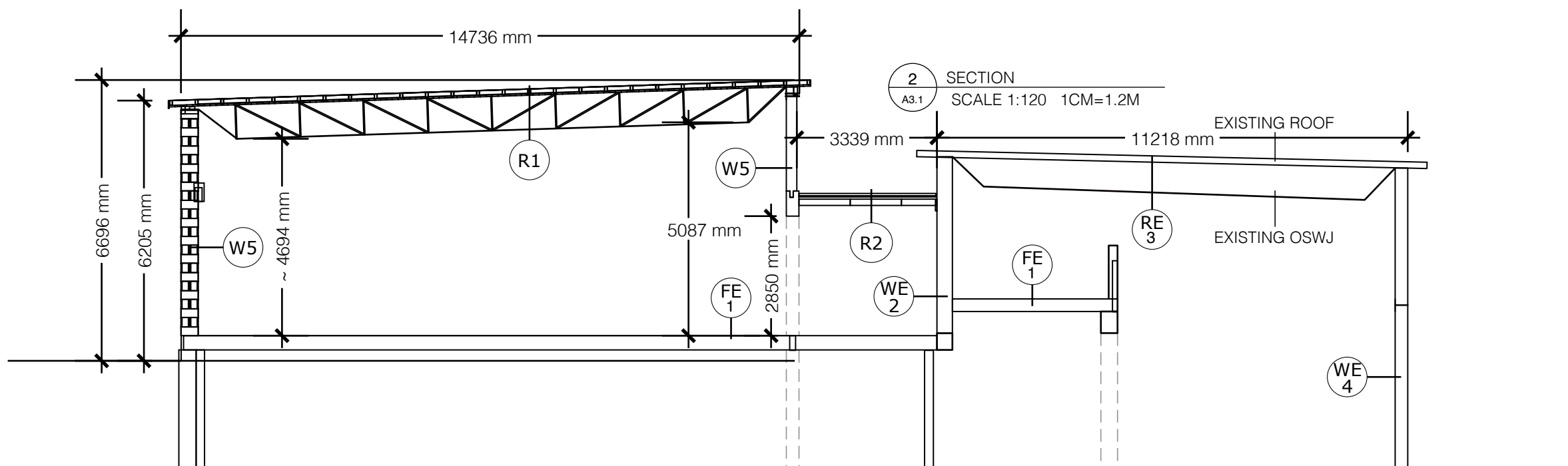
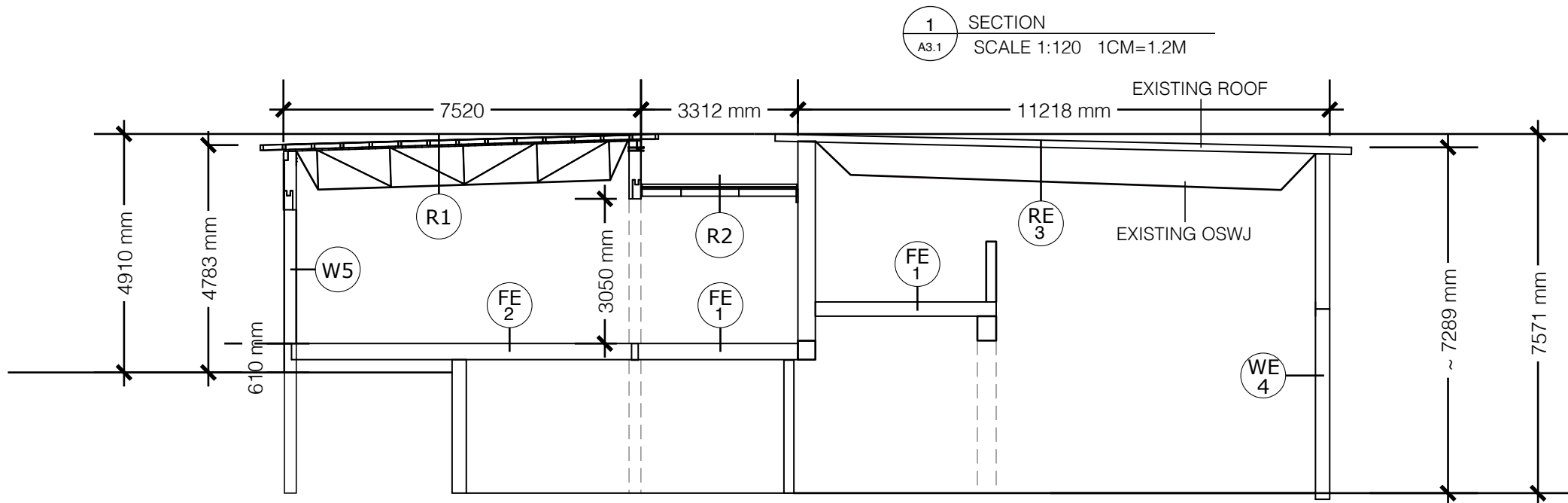
DRAWING TITLE

FOUNDATION
PLAN
(EXISTING)

DRAWING #

A2.3

SCALE 1:120 (1cm=1.2m)
(1"=10')



ROOF ASSEMBLIES	
R1	o OWSJ o 36X40 T&G SPF o STEEL 18GA Z GIRT 100MM ON 24" O/C o 4" POLYISO R28 o ICO ARMORGUARD MEMBRANE C/W PRIMER o 24GA STANDING SEAM GALVANIZED METAL
R2	o 241 TJI @ 400 O/C o R20 ROCKWOLL o 30MM HARDWOOD BLOCKBOARD o EDPM MEMBRANE
RE 3	o OWSJ o 36X40 T&G SPF o 165 MM EMERCOR STRUCTURAL INSULATED PANEL o EDPM MEMBRANE o AGGREGATE

FLOOR ASSEMBLIES - EXISTING	
FE 1	o 15MM FIREGAURD X GYPSUM BOARD (40MIN) o 2X12 FIR OR TJI JOISTS AT 400MM O/C (10 MIN) o 1X4 T&G FIR FLOORING
FE 2	o EXISTING CONCRETE

WALL ASSEMBLIES	
W1	o METAL CLADDING o 240MM IFC BLOCK (2 H) o C/W 150MM CONCRETE CORE OF 25MPA o 10MM REBAR @ 400MM O/C B/W o PRODUCING A FIRE RESISTANCE RATING OF 2H AS PER CAN-ULC-S101- M89
W2	o 15.9MM TYPE X GYPSUM BOARD (40 MIN) o 2X4 WOOD STUDS @ 400MM O/C (20 MIN) o 15.9MM TYPE X GYPSUM BOARD (40 MIN) o PRODUCING A FIRE RATING OF 1 H AS PER APPENDIX D, ABC 2006
W3	o 15.9MM TYPE X GYPSUM BOARD (40 MIN) o 90MM STEEL STUDS @ 400MM O/C (10 MIN) o 15.9MM TYPE X GYPSUM BOARD (40 MIN) o PRODUCING A FIRE RATING OF 50MIN AS PER APPENDIX D,ABC2006
W4	o DOUBLE 12.7MM TYPE X GYPSUM BOARD (80 MIN) o 165 MM EMERCOR STRUCTURAL INSULATED PANEL o 28 GAUGE STEEL SIDING o PRODUCING A FIRE RESISTANCE RATING OF 80MIN AS PER APPENDIX D, ABC 2006
W5	o 900MM X 450MM X 320MM FLAX STRAW INFILL (2 H) o 1200MM X 10MM REBAR @ 900MM O/C (STAGGERED ROWS) o EXPANDED WIRE MESH (EMBEDDED IN COLUMN @ 600 VERT. EXTENDING 300MM IN BALE INFILL) o 25MM FLAT STEEL STRAP DIAGONAL BRACE o 40X40MM GRID STUCCO WIRE 2 SIDES o 2MM HANGER WIRE (TIED THROUGH BALE TO STUCCO) o 3 COAT CEMENT STUCCO (BOTH SIDES) o PRODUCING A FIRE RESISTANCE RATING OF 2H AS PER CAN-ULCS101
W6	o 15.9MM TYPE X GYPSUM BOARD (40 MIN) o 2X6 WOOD STUDS @ 400 O/C (20 MIN) o ROCKWOOL INSULATION o 28 GAUGE STEEL SIDING o PRODUCING A FIRE RESISTANCE RATING OF 1H AS PER APPENDIX D, ABC 2006
W7	o CONCRETE BLOCK WALL o PRODUCING A FIRE RESISTANCE RATING OF 2H AS PER APPENDIX D, ABC 2006
WE 0	o WALL EXISTING o TYPE SPECIFIED
WE F	o WALL EXISTING o FOUNDATION WALL

SOLID WOODWORK LTD
3628 15A STREET SE
CALGARY, ALBERTA
CANADA, T2G-3N6
(403)264-2885
ERIC@SOLIDWOODWORK.COM
NILS@SOLIDWOODWORK.COM

DRAWN BY:
NTS

CHECKED BY:
ES

PROJECT:
FIRE REST.
ORIG. DP #995596
PLAN 2167N
BLOCK 18
LOTS 7,8,9

DATE:
JULY 19, 2013

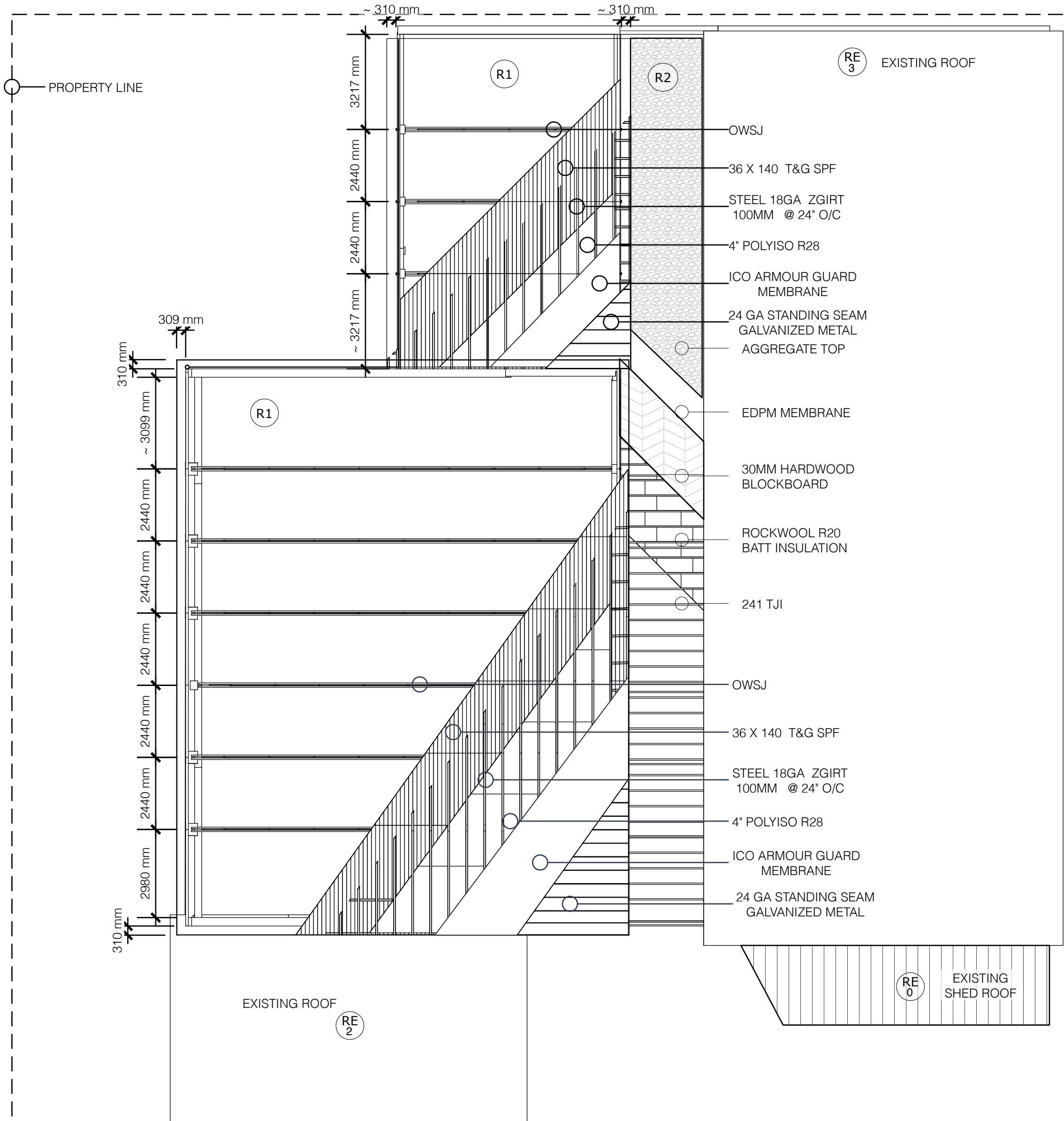
DRAWING TITLE

SECTIONS

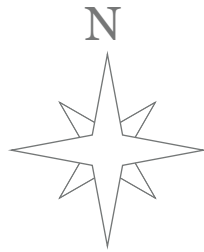
DRAWING #

A3.1

SCALE 1:120 (1cm=1.2m)
(1"=10')



ROOF ASSEMBLIES	
R1	- o OWSJ - o 36X40 T&G SPF - o STEEL 18GA Z GIRT 100MM ON 24" O/C - o 4" POLYISO R28 - o ICO ARMORGUARD MEMBRANE C/W PRIMER - o 24GA STANDING SEAM GALVANIZED METAL
R2	- o 241 TJI @ 400 O/C - o R20 ROCKWOLL - o 30MM HARDWOOD BLOCKBOARD - o EDPM MEMBRANE
R2	- o OWSJ - o 36X40 T&G SPF - o 165 MM EMERCOR STRUCTURAL INSULATED PANEL - o EDPM MEMBRANE - o AGGREGATE
RE 0	- o ROOF EXISTING - o BY TYPE



SOLID WOODWORK LTD
3628 15A STREET SE
CALGARY, ALBERTA
CANADA, T2G-3N6
(403)264-2885
ERIC@SOLIDWOODWORK.COM
NILS@SOLIDWOODWORK.COM

DRAWN BY:
NTS

CHECKED BY:
ES

PROJECT:
FIRE REST.
ORIG. DP #995596
PLAN 2167N
BLOCK 18
LOTS 7,8,9

DATE:
JULY 19, 2013

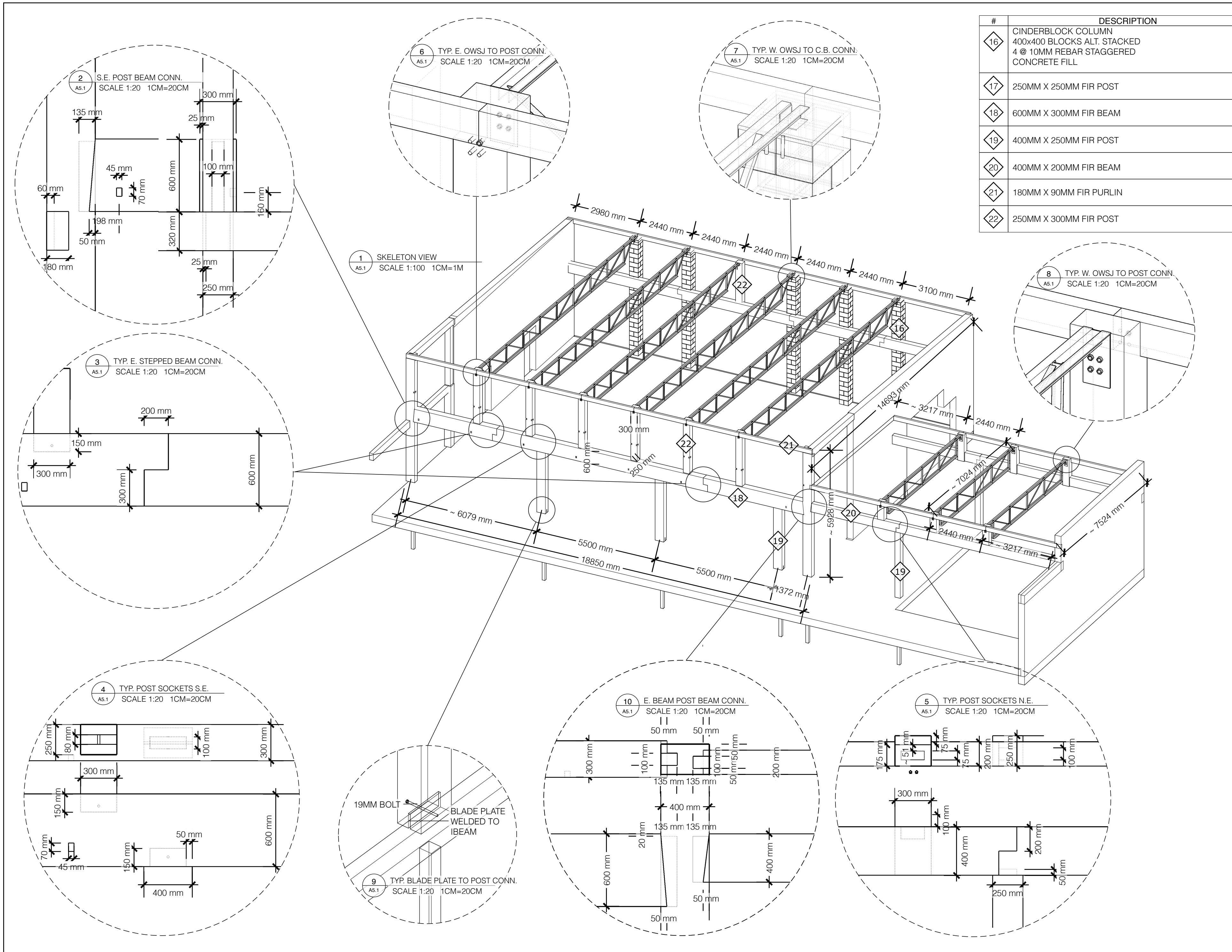
DRAWING TITLE

ROOFING

DRAWING #

A4.1

SCALE 1:120 (1cm=1.2m)
(1"=10')



#	DESCRIPTION
16	CINDERBLOCK COLUMN 400x400 BLOCKS ALT. STACKED 4 @ 10MM REBAR STAGGERED CONCRETE FILL
17	250MM X 250MM FIR POST
18	600MM X 300MM FIR BEAM
19	400MM X 250MM FIR POST
20	400MM X 200MM FIR BEAM
21	180MM X 90MM FIR PURLIN
22	250MM X 300MM FIR POST

SOLID WOODWORK LTD
3628 15A STREET SE
CALGARY, ALBERTA
CANADA, T2G-3N6
(403)264-2885
ERIC@SOLIDWOODWORK.COM
NILS@SOLIDWOODWORK.COM

DRAWN BY:
NTS

CHECKED BY:
ES

PROJECT:
FIRE REST.
ORIG. DP #995596
PLAN 2167N
BLOCK 18
LOTS 7,8,9

DATE:
JULY 19, 2013

DRAWING TITLE

SKELETON
VIEW

DRAWING #

A5.1
SCALE 1:100 (1cm=1m)

