

13 DETAIL: BRIDGED DOOR SILL AND GASKET

14 DETAIL: ACCESS PANEL: UTILITY CONNECTION

15 DETAIL: DOOR SILL GASKET

16 DETAIL: SILL/SKIRTING

17 DETAIL: SILL/SKIRTING

18 DETAIL: EXTERNAL FLASHING

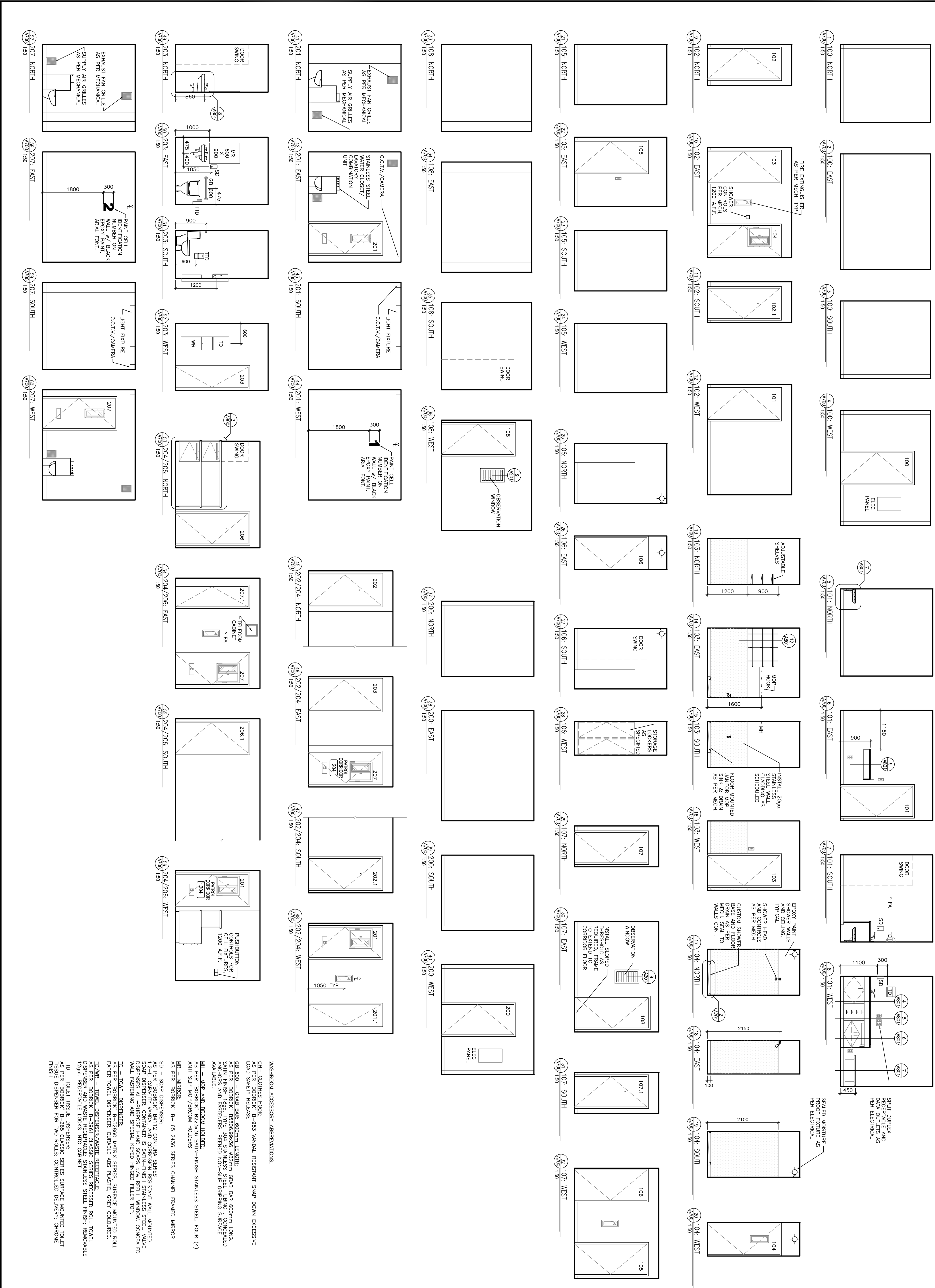
19 DETAIL: DOOR HEAD/JAMB GASKET

20 DETAIL: DOOR SILL GASKET

21 PLAN DETAIL: SILL/SKIRTING

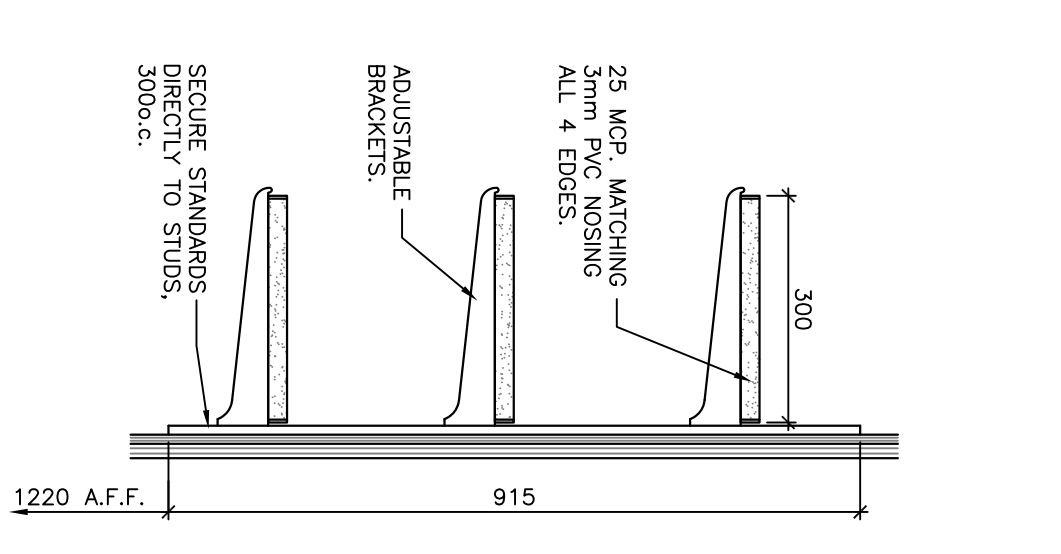
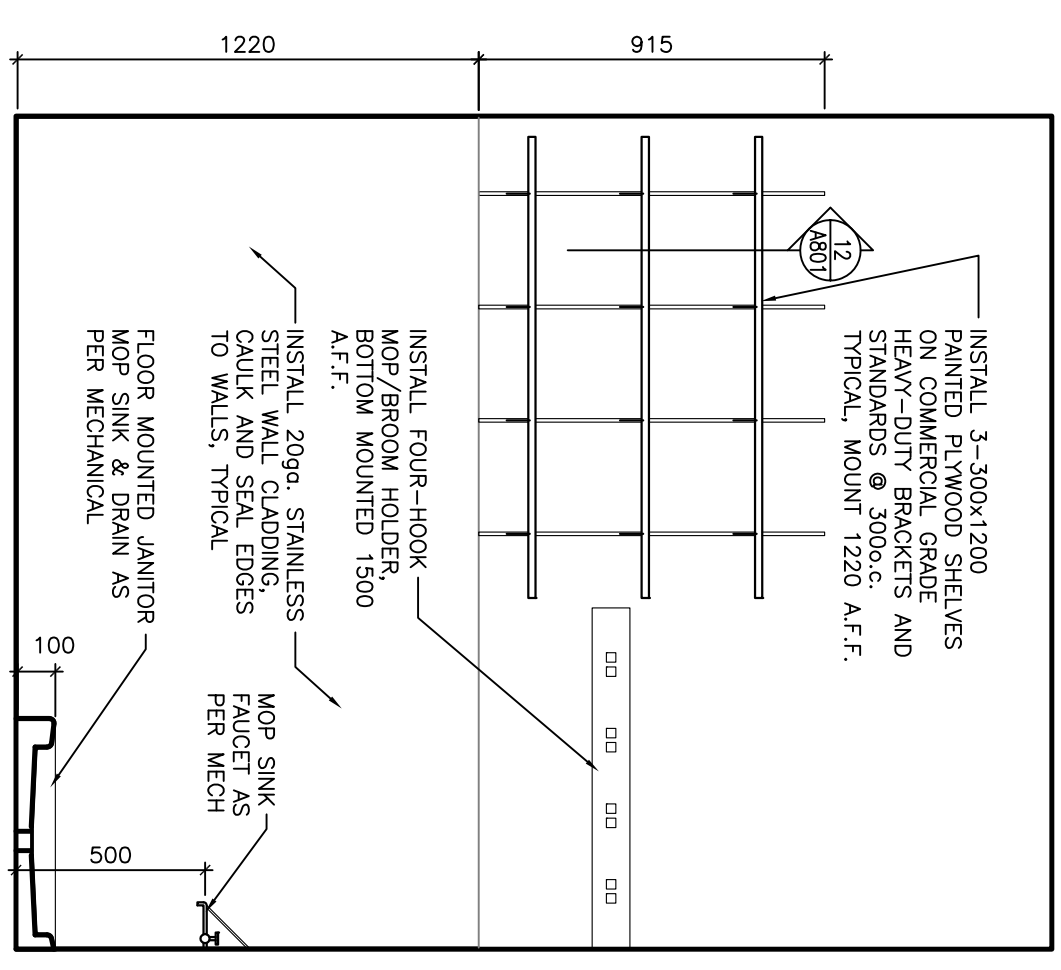
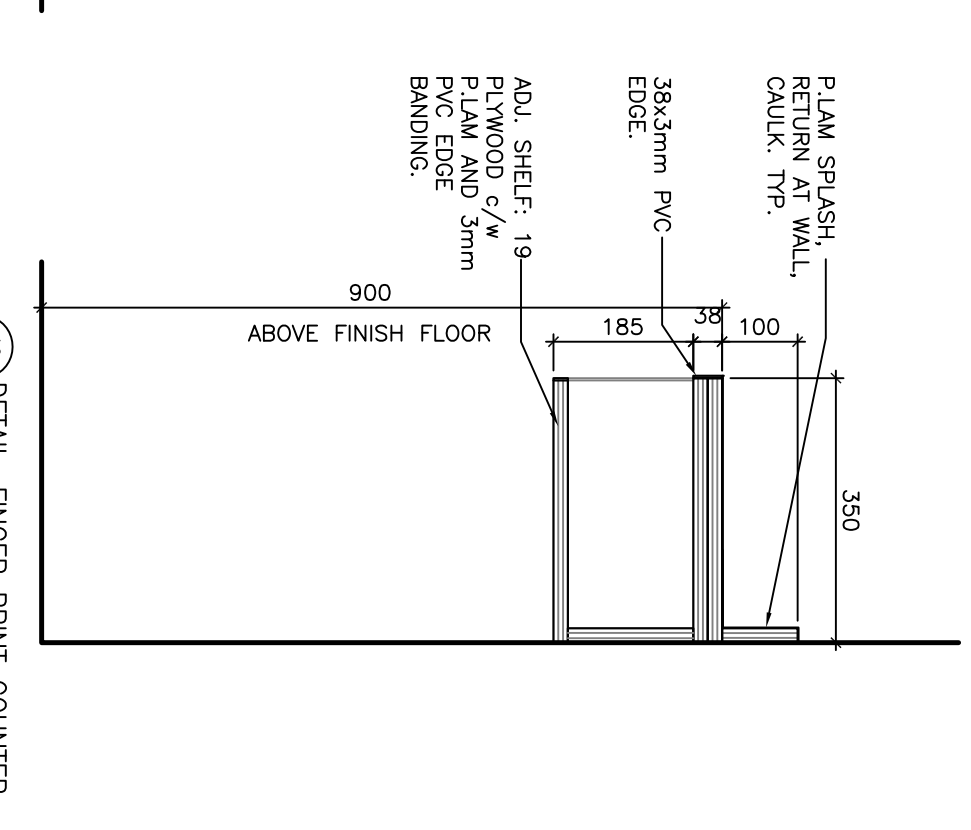
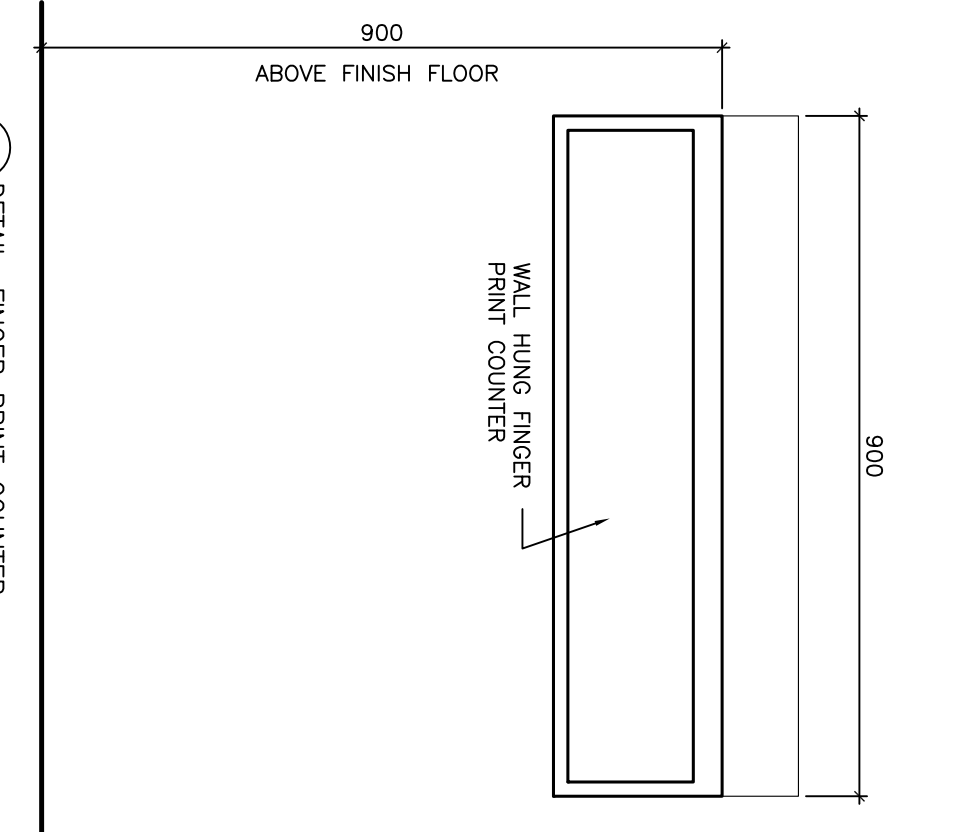
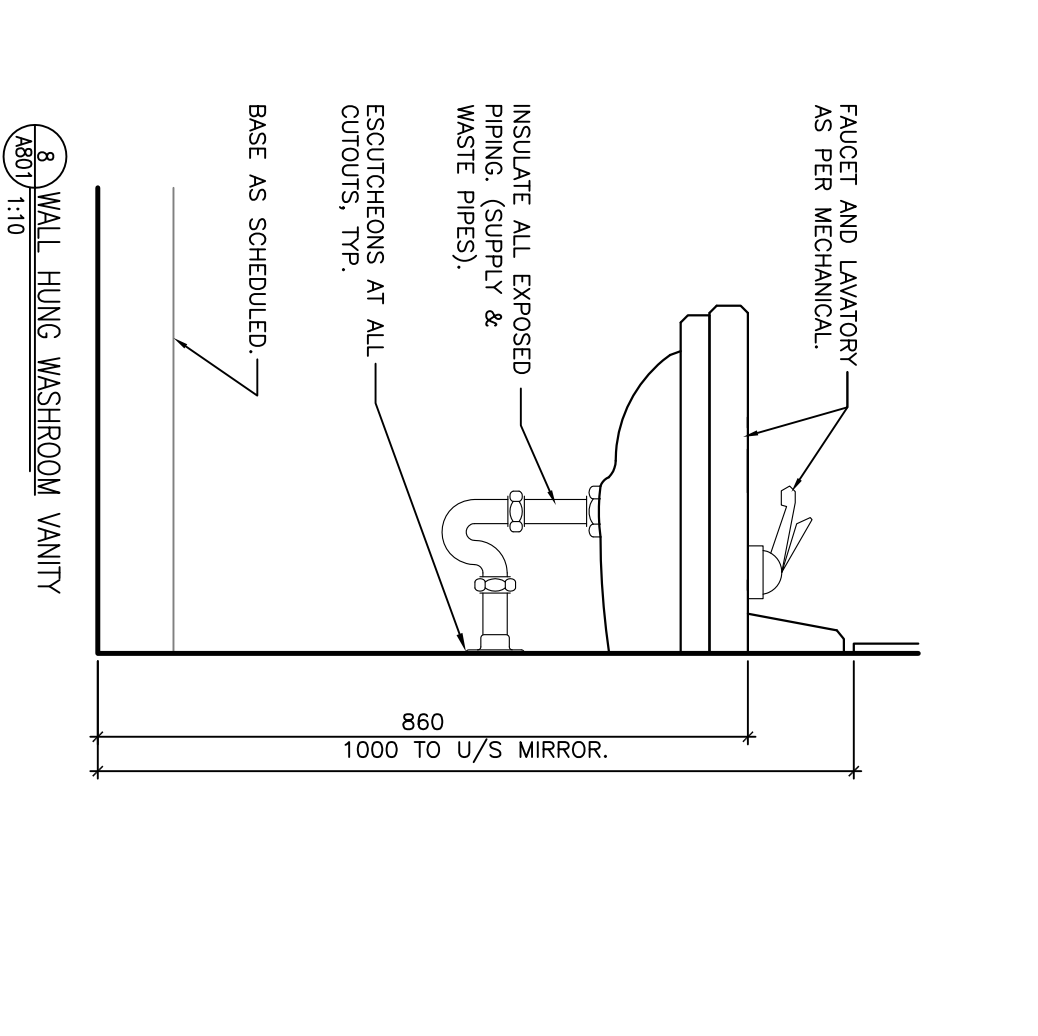
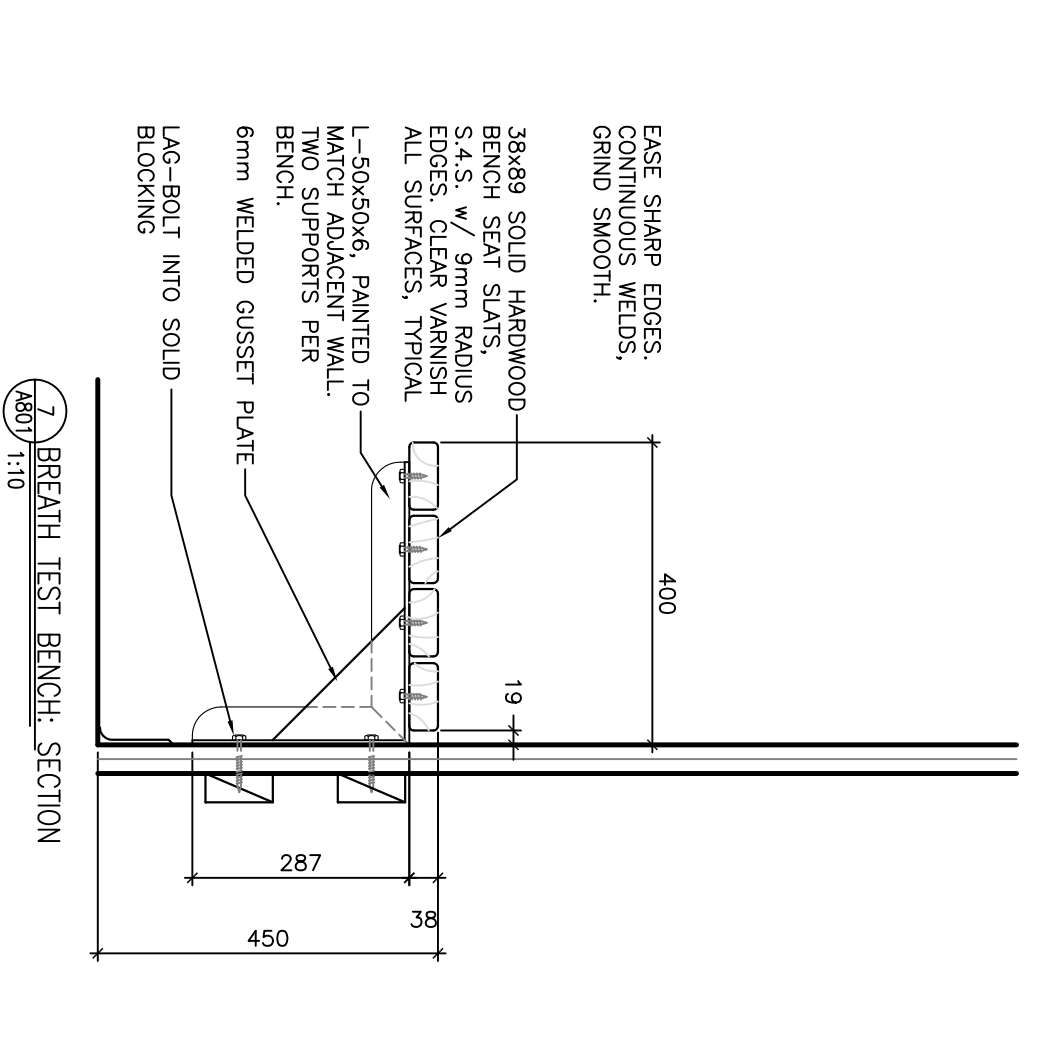
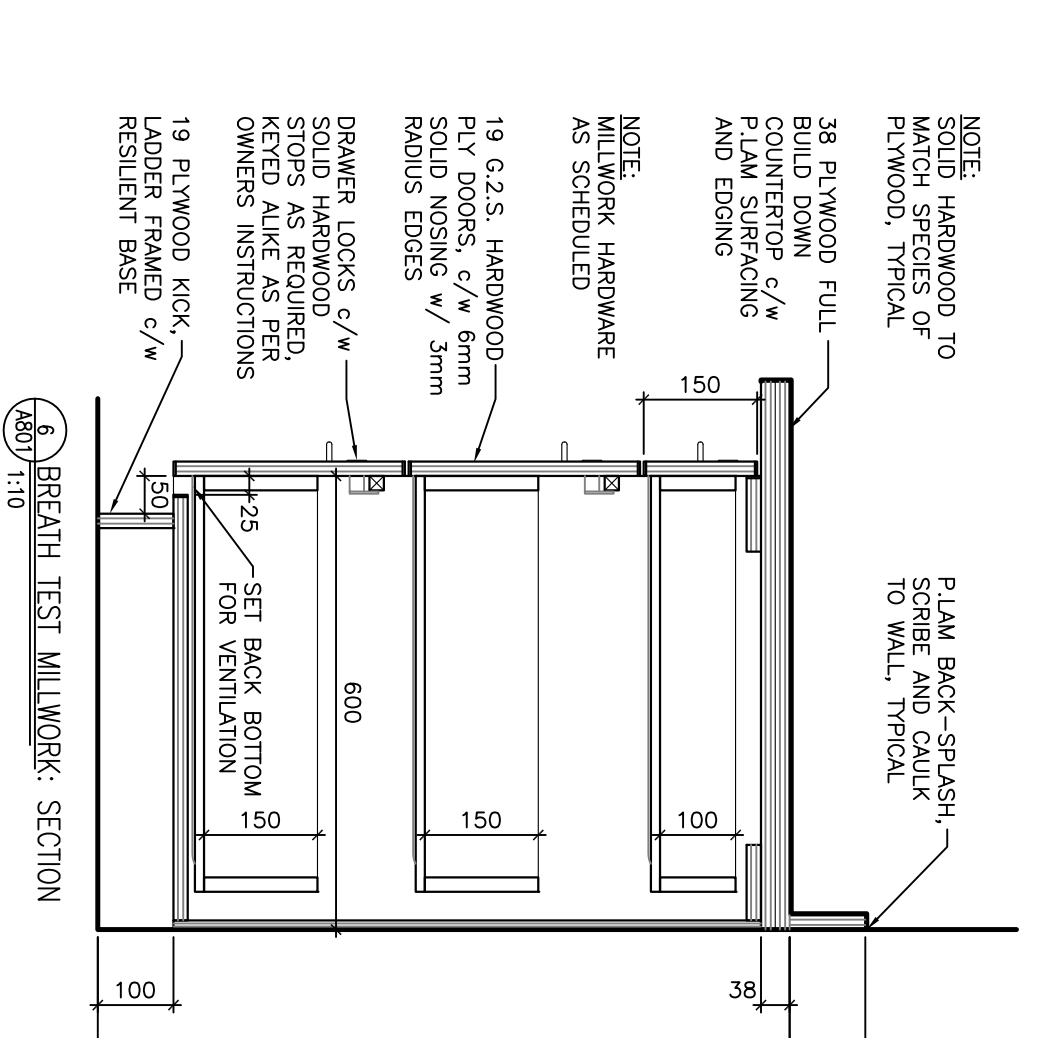
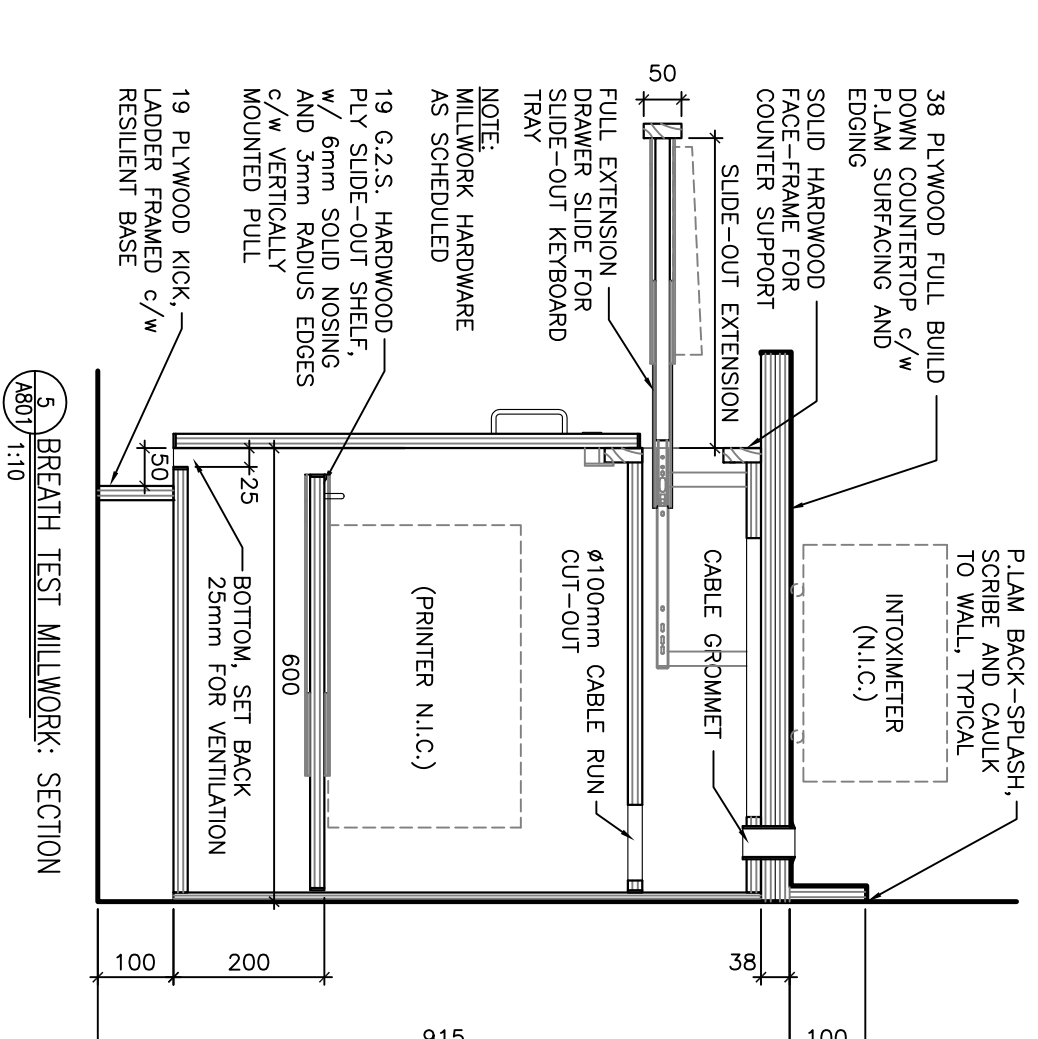
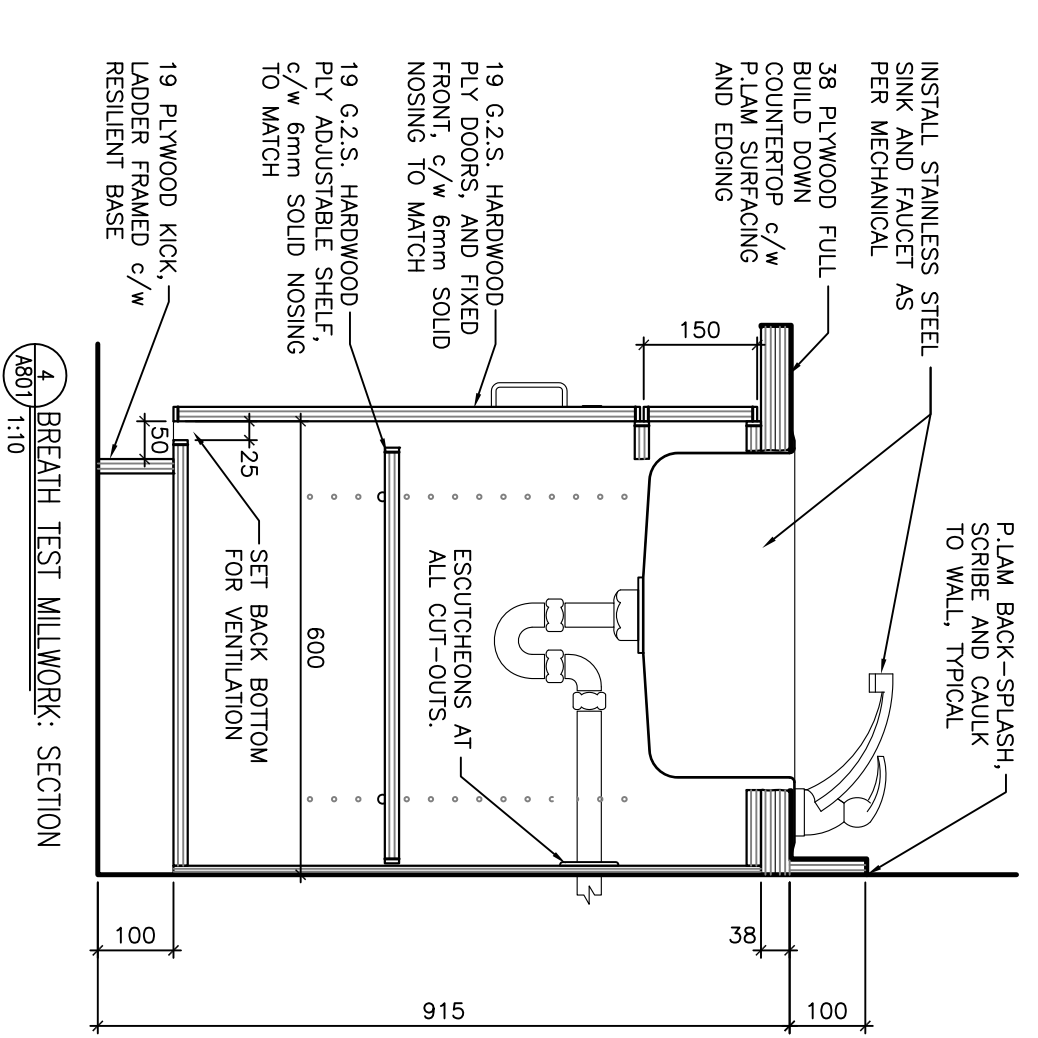
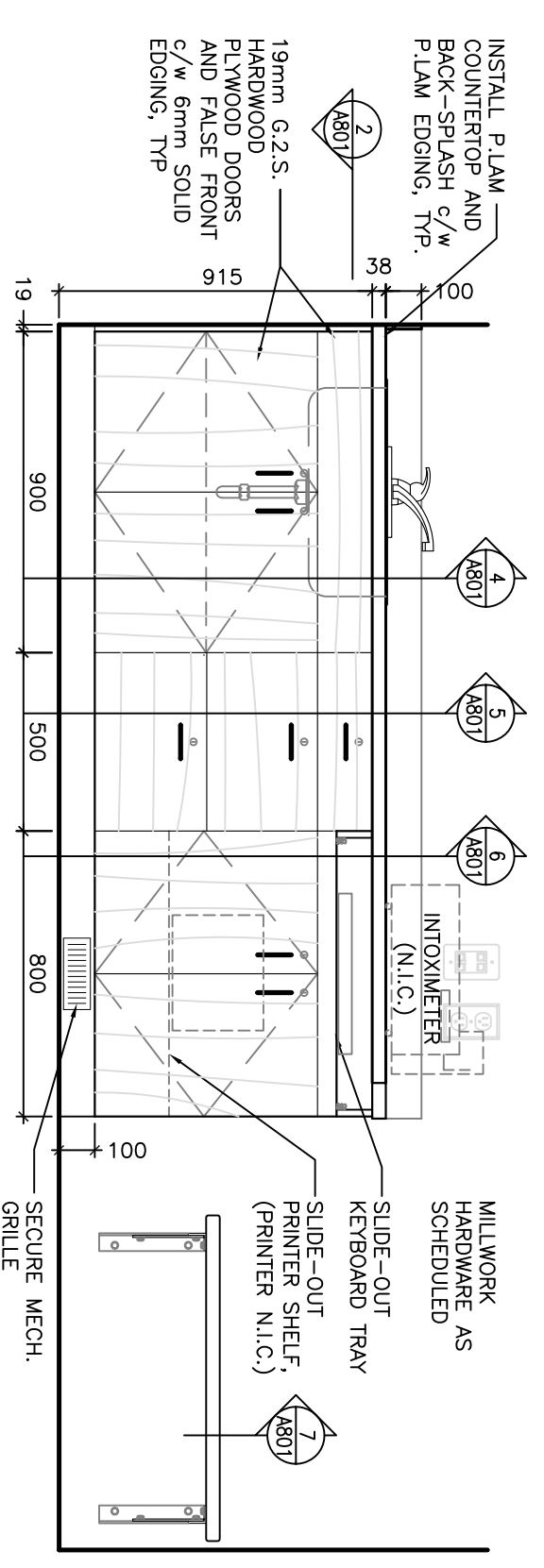
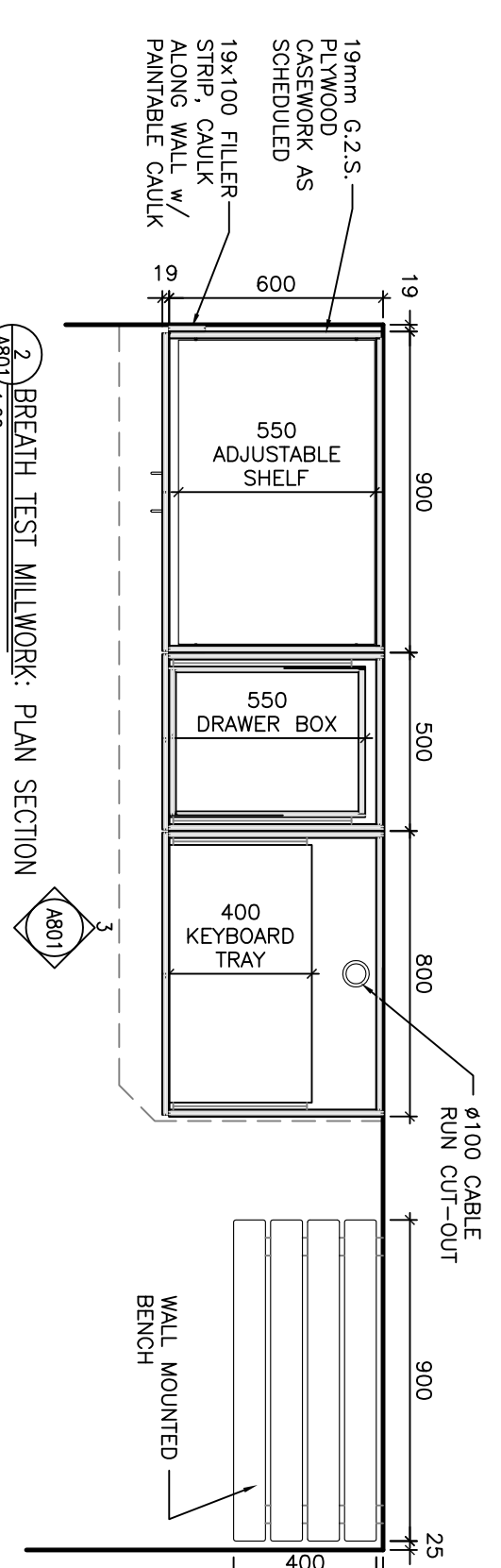
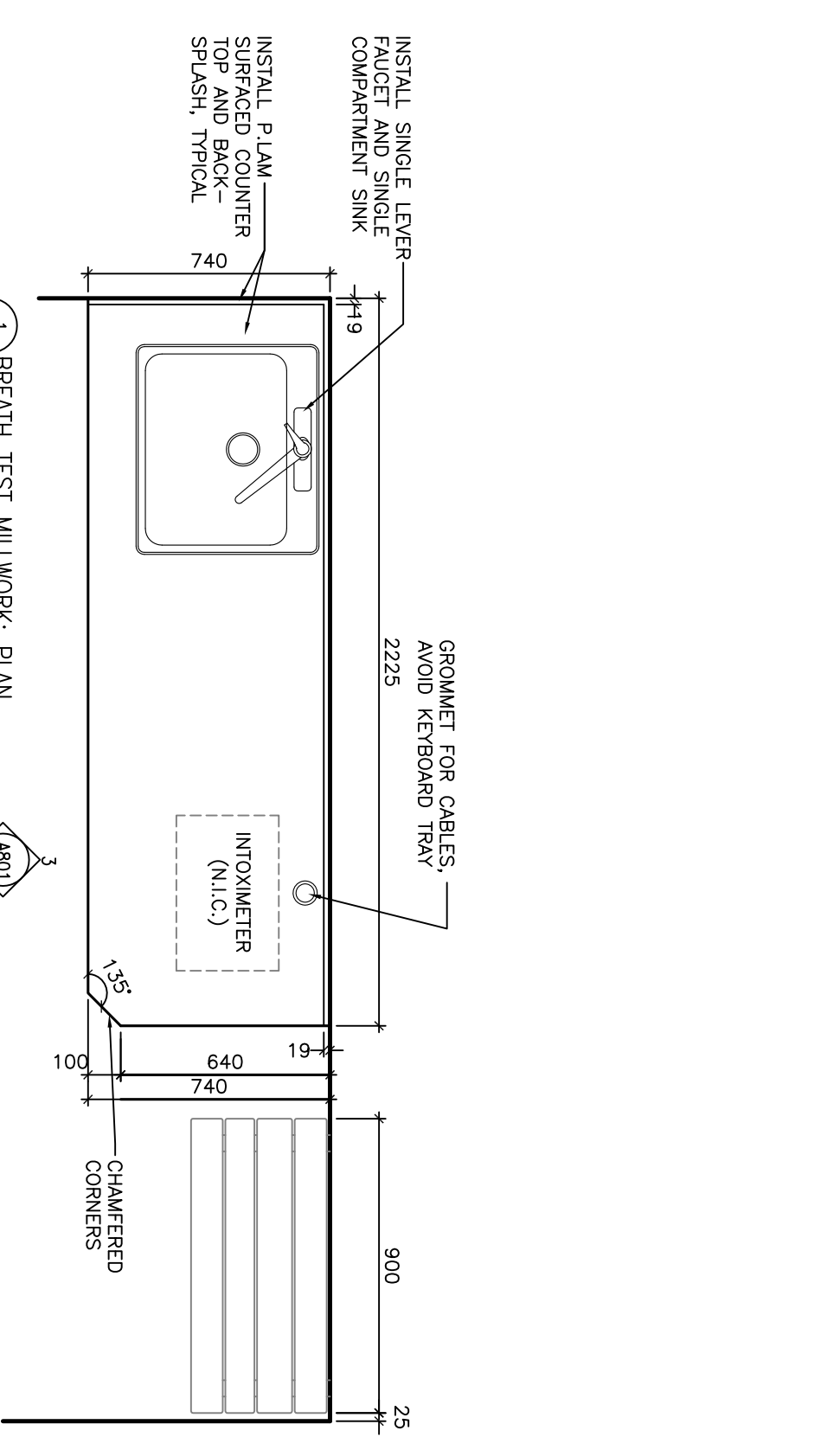
22 PLAN DETAIL: SILL/SKIRTING

		Canada	
CLIENT: Government of Canada		CONSULTANTS: RBM	
PROJECT: POLICE TRANSPORTABLE HOLDING CELLS		DRAWING: DETAILS	
PROJECT No.: 510-10		SHEET No.: A500	
DATE: 2011/09/23		PLOT No.: 1	
DRAWN BY: CS		SCALE: AS NOTED	



- WASHROOM ACCESSORY ABBREVIATIONS:**
- CH - CLOTHES HOOK.
 - AS PER "BOBOROCK" B-983 VANDAL RESISTANT SWAP DOWN EXCESSIVE LOAD SAFETY RELEASE.
 - GB-600 - GRAB BAR, 600MM LENGTH.
 - LS PER "BOBOROCK" B-5086 39X35, 432MM GRAB BAR 600MM LONG, 39MM HIGH, 35MM WIDE, 432MM DEEP, 39MM THICK, 39MM RADIUS ANCHORS AND FASTENERS. FINISH: NON-SLIP GRIPPING SURFACE AVAILABLE.
 - MH - MOP AND BROOM HOLDER.
 - AS PER "BOBOROCK" B-23356 SATIN-FINISH STAINLESS STEEL, FOUR (4) ANTI-SLIP MOP/BROOM HOLDERS.
 - MR - MIRROR.
 - AS PER "BOBOROCK" B-166 2438 SERIES CHANNEL FRAMED MIRROR.
 - SD - SOAP DISPENSER.
 - AS PER "BOBOROCK" B-4112 CONTURA SERIES.
 - 2-2-L CAPACITY VANDAL AND CORROSION RESISTANT WALL MOUNTED DISPENSER. DISPENSES 400MM X 150MM SOAP SHEETS. CONCEALED WALL FASTENING AND SPECIAL KEYS HINGED FILTER TOP.
 - TD - TOWEL DISPENSER.
 - AS PER "BOBOROCK" B-52860 MATRIX SERIES, SURFACE MOUNTED ROLL PAPER TOWEL DISPENSER, DURABLE ABS PLASTIC, GREY COLOURED.
 - TD/WR - TOWEL DISPENSER/WASTE RECEPTACLE.
 - AS PER "BOBOROCK" B-3951 CLASSIC SERIES RECESSED ROLL TOWEL DISPENSER AND WASTE RECEPTACLE, STAINLESS STEEL FINISH, REMOVABLE TAPER RECEPTACLE LOOKS INTO CABINET.
 - TTD - TOILET TISSUE DISPENSER.
 - AS PER "BOBOROCK" B-2855 CLASSIC SERIES SURFACE MOUNTED TOILET TISSUE DISPENSER FOR TWO ROLLS, CONTROLLED DELIVERY, CHROME FINISH.

<p>CLIENT</p> <p>Government of Canada</p> <p>CONSULTANTS</p> <p>RBM R B M A R C H I T E C T U R E 2263 Keweenaw Avenue, Suite 200 Winnipeg, MB R2N 3K8 Tel: 204.982.3938 Fax: 204.982.3150 Email: info@rbmarchitect.com</p>	<p>PROJECT:</p> <p>POLICE TRANSPORTABLE HOLDING CELLS</p> <p>INTERIOR ELEVATIONS</p>	<p>PROJECT No.: 510-10</p> <p>DATE: 2011/09/23</p> <p>DRAWN BY: CS</p> <p>SCALE: AS NOTED</p>	<p>SHEET No.: 1</p> <p>PLOT No.: 1</p> <p style="font-size: 2em; font-weight: bold;">A700</p>	<p>ISSUE FOR CONSTRUCTION</p> <p>TENDER SUBMISSION 98% REVIEW SUBMISSION 80% REVIEW SUBMISSION 50% REVIEW SUBMISSION</p> <p>SCALE:</p> <p>4. 2011/11/14 3. 2011/08/23 2. 2011/06/17 1. 2011/04/04 0. 2011/02/02</p>
---	---	---	---	---



- CASEWORK:**
- CABINET CARCASS, CLEATS, AND COUNTERTOP SUPPORTS AND BRACES: 19mm G2.S PLYWOOD ON ALL EXPOSED SURFACES AND EDGES.
 - DRAWER BOXES: 16mm M.C.P. (GREY) C/W 3mm PVC EDGE BANDING.
 - PLASTIC LAMINATE COUNTERTOPS TO BE FULL BUILD DOWN 2-1/2" FROM PLYWOOD C/W PLASTIC LAMINATE/SOLID HARDWOOD LEANS AS PER DETAILS.
 - GUARD STATION COULMING: POX RESISTANT EPOXY COULMING GROUTING.
 - CABINET SHELVES - ADJUSTABLE CABINET: 19mm M.C.P. COLORED TO MATCH CABINET, C/W EDGE BANDING. THE ALL FOUR EDGES: TYPICAL.
 - SHELVES - WALL MOUNTED: 25mm M.C.P. C/W 3mm PVC W/ ELEVATIONS FOR LOCATIONS & SIZES.

- CASEWORK HARDWARE:**
- DOOR HINGES: CONCEALED THREE (3)-WAY ADJUSTABLE SELF CLOSING HINGES C/W HINGE PLATES. 125° OPENING. LIFETIME WARRANTY.
 - SILENCERS: CLEAR SELF-ADHESIVE RUBBER BUMPERS. TYPICAL FOR ALL DOORS & DRAWERS.
 - DRAWER SLIDES: FULL EXTENSION, SIDEWALL MOUNTED C/W BALL BEARINGS. ZINC FINISH.
 - GROWERS: BLACK 45mm AS PER RICHIELEU OFFICE IMPLANTS F923.
 - LOCKS: PIN-TIMBER, SATIN NICKEL, FINISH NATIONAL CABINET LOCK: C8102/C8103 TO SUIT APPLICATION. 28-0 FINISH.
 - KEYS: PROVIDE TWO (2) KEYS PER LOCK. C/W MASTER. REFER TO SPECIFICATIONS FOR KEYING.
 - PULLERS: 100mm SATIN NICKEL 'D'-PULL AS PER RICHIELEU NO. 33203.
 - SHELF PINS: ADJUSTABLE SHELVES - STEEL SUPPORT PINS. PUSH INTO DRG BENDED CABINET SHELVES.

- NOTES:**
- ALL MILLWORK & CABINERY CONSTRUCTION TO A.W.M.A.C. CUSTOM QUALITY GRADE, MODIFIED PER DETAILS.
 - SUBMIT DUPLICATE COLOUR FINISH SAMPLES OF FINISH MATERIALS.
 - SUBMIT SHOP DRAWINGS PRIOR TO ORDERING OR MANUFACTURING ANY MILLWORK, TYPICAL.
 - COLOURS TO BE APPROVED BY CONSULTANT PRIOR TO ORDERING ANY MATERIALS, TYPICAL.
 - CONFIRM ALL SIZES ON SITE PRIOR TO MANUFACTURING.
 - INSTALL ALL MILLWORK HARDWARE W/ FASTENERS AS PER MANUFACTURER'S INSTRUCTIONS, MATCHING FINISHES.
 - INSTALL BLOCKING WITHIN WALLS AS REQUIRED.

- EDGE SHARP EDGES, GRIND SMOOTH:**
- 38mm SOLID HARDWOOD-BRAND SET SLATS 5.4.S. W/ 9mm RADIUS EDGES. CLEAR VARNISH ALL SURFACES, TYPICAL.
- L-SOAKING, PAINTED TO MATCH ADJACENT WALL. TYPICAL.
- 6mm WELDED GUSSET PLATE.
- LAG-BOLT INTO SOLID BLOCKING.
- INSULATE ALL EXPOSED PIPING (SUPPLY & WASTE PIPES). ESCURTING AT ALL CUTOUTS. TYP.
- BASE AS SCHEDULED.



CONSULTANTS:

R B M

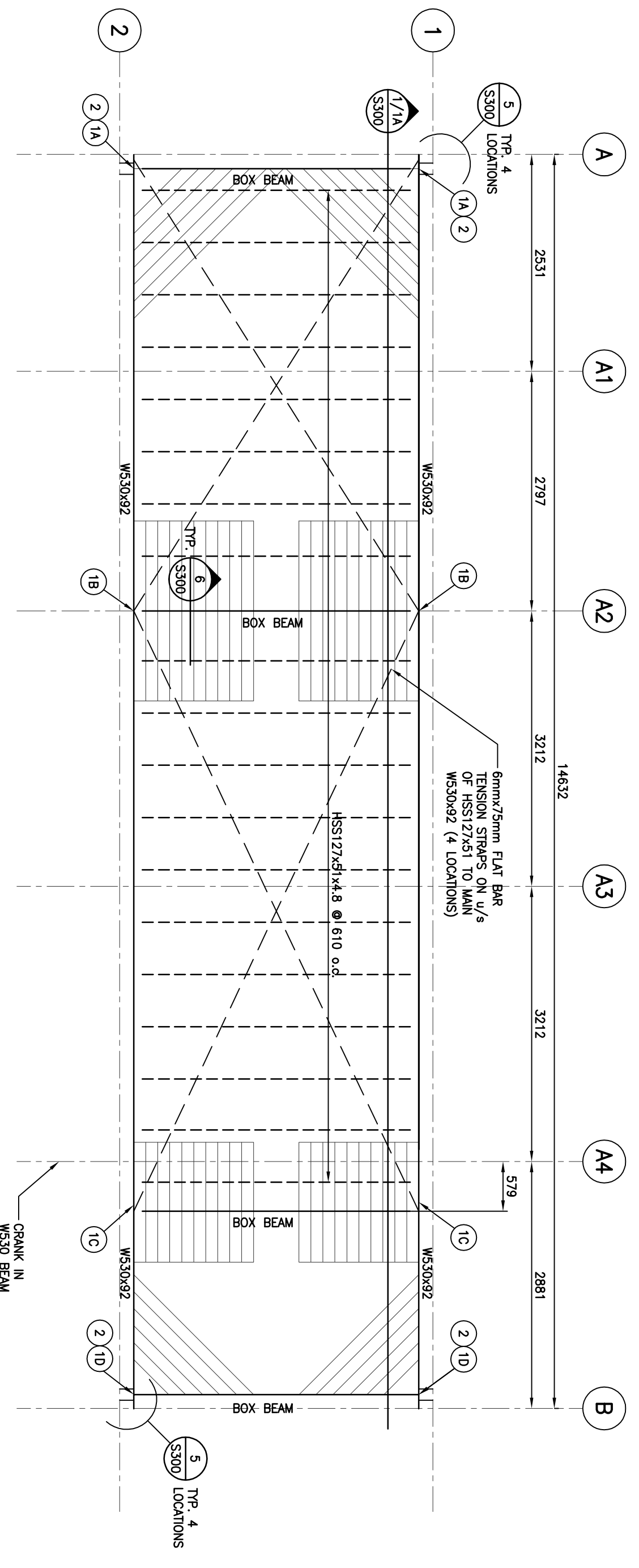
ARCHITECTURE

2205 Queen Avenue East
 Suite 200
 Scarborough, Ontario M1S 5B8
 Tel: 416-291-2838
 Fax: 416-291-2838
 Email: info@rbmarchitect.com

POLICE TRANSPORTABLE HOLDING CELLS

MILLWORK DETAILS

PROJECT No: 510-10	SHEET No: 1	PLOT No: 1
DATE: 2011/09/22	DESIGN BY: CG	SCALE: AS NOTED
A801		



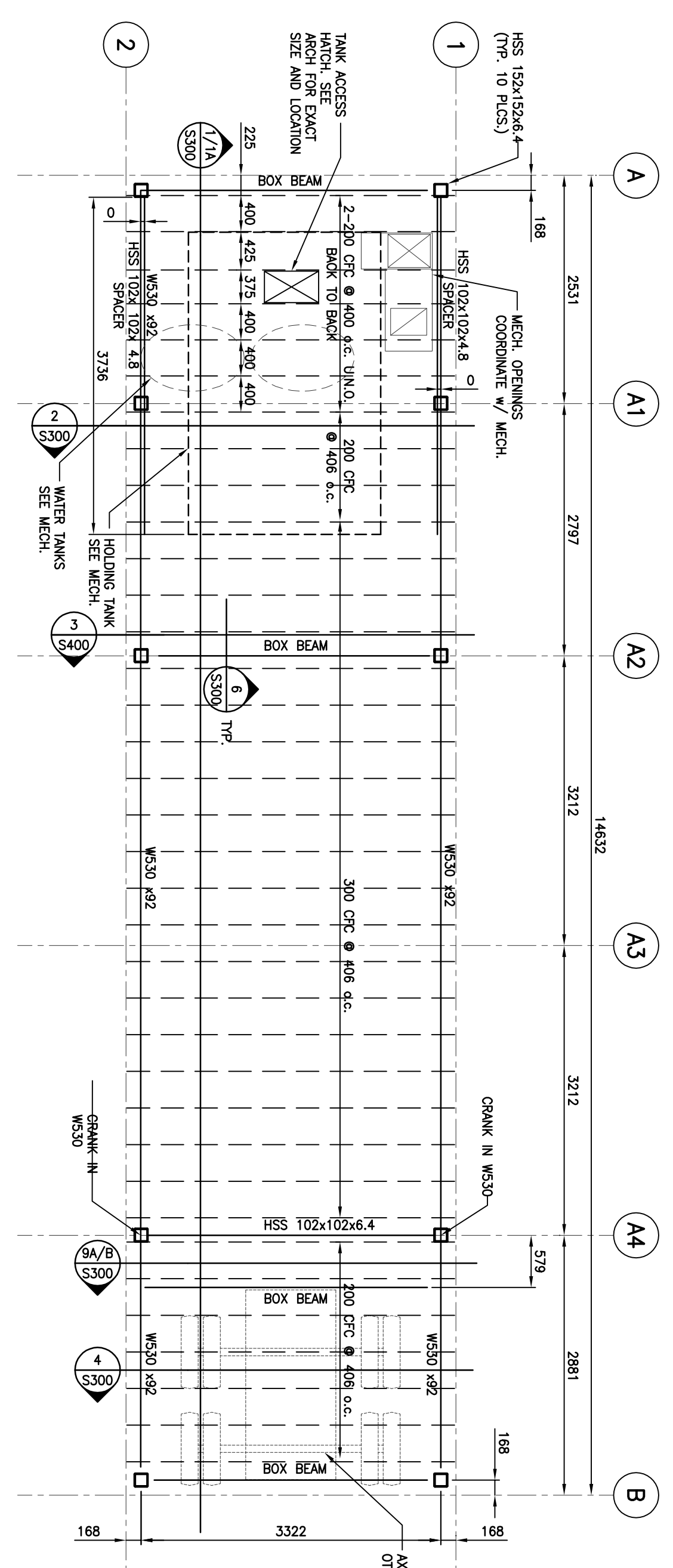
FOUNDATION PLAN - SINGLE UNIT

1 : 50

- NOTE:
- SUPER IMPOSED DESIGN LOADS
 - PARTITION DEAD LOAD = 1.0 kPa
 - OCCUPANCY LIVE LOAD = 4.8 kPa
 - WIND LOADING = $p = pm + pc - cp$
 - $m = 1.25$, $q = 1.00$ kPa, $q_s = 0.73$ kPa
 - CHANGING PRESSURES BASED ON MINIMUM SURFACE PRESSURES OF 75 kPa, ADJUST TO SUIT SITE CONDITIONS AS REQUIRED.

KENNOTES

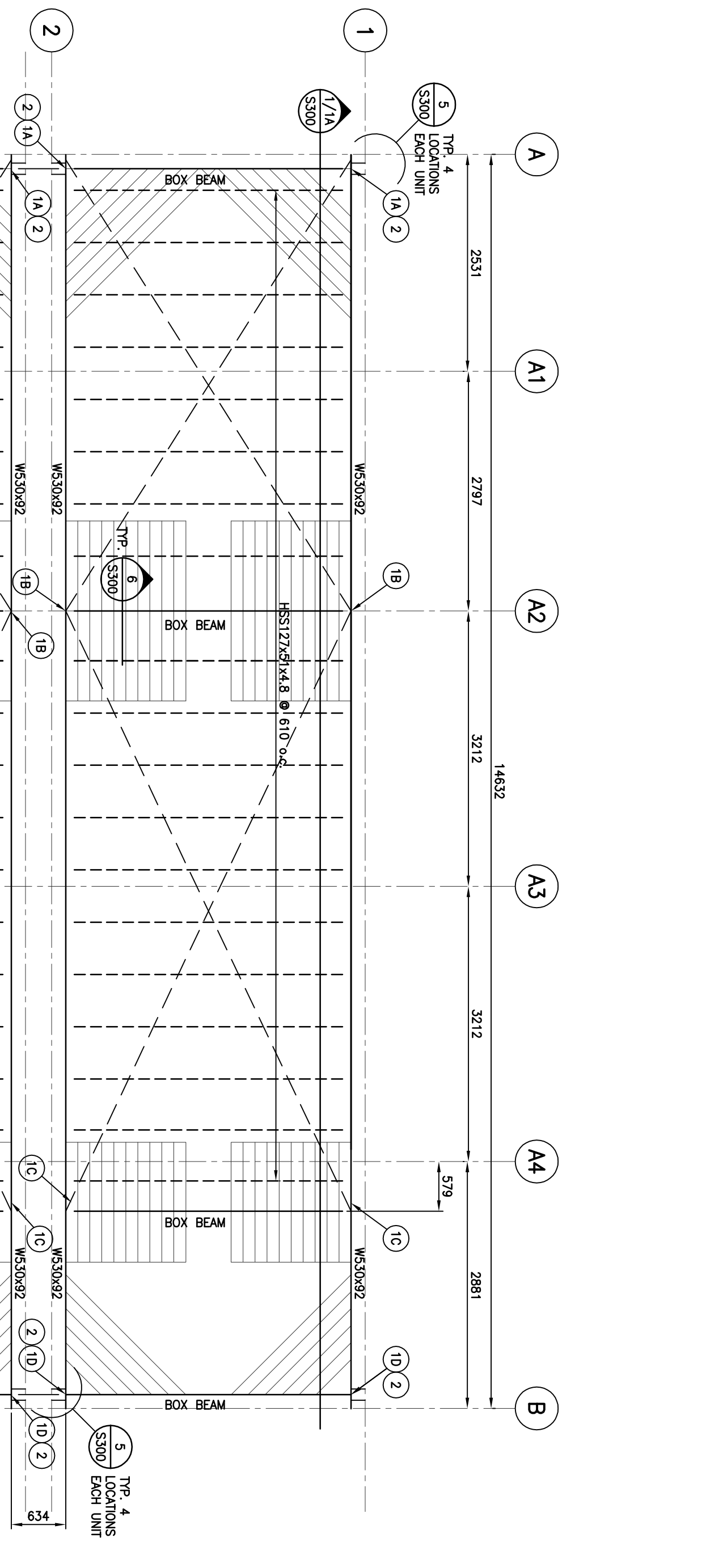
1	INSTALL FOUNDATION AT POINTS NOTED PRIOR TO USE	2	INSTALL THE-DOWN FOR SPECIFIED UPLIFT FORCES (U, N) ACCORDING TO THE SITE SPECIFIC VALUES FOR THE NATIONAL BUILDING CODE 1/59Y WIND PRESSURE (P), $U = 0.9M$, NOT REQUIRED
LOCATION	SPECIFIED LOAD (kN)	CHANGING REQUIRED TRIANGLE	PROVIDE 10mm STAINLESS STEEL CABLE C/4 TURNBUCKLE AND 10mm EYE BOLT FROM GROUND SCREW TO ANCHOR POINTS.
A	90	1400x2100	$p < 0.25q_s$, $U = 12M$
B	220	1400x2100	$p < 1.00q_s$, $U = 28M$
C	135	1400x1400	
D	40	TRIANGLE	



MAIN FLOOR PLAN - TYPICAL ALL UNITS

1 : 50

- NOTE:
- SUPER IMPOSED DESIGN LOADS
 - PARTITION DEAD LOAD = 1.0 kPa
 - OCCUPANCY LIVE LOAD = 4.8 kPa
 - WIND LOADING = $p = pm + pc - cp$
 - $m = 1.25$, $q = 1.00$ kPa, $q_s = 0.73$ kPa



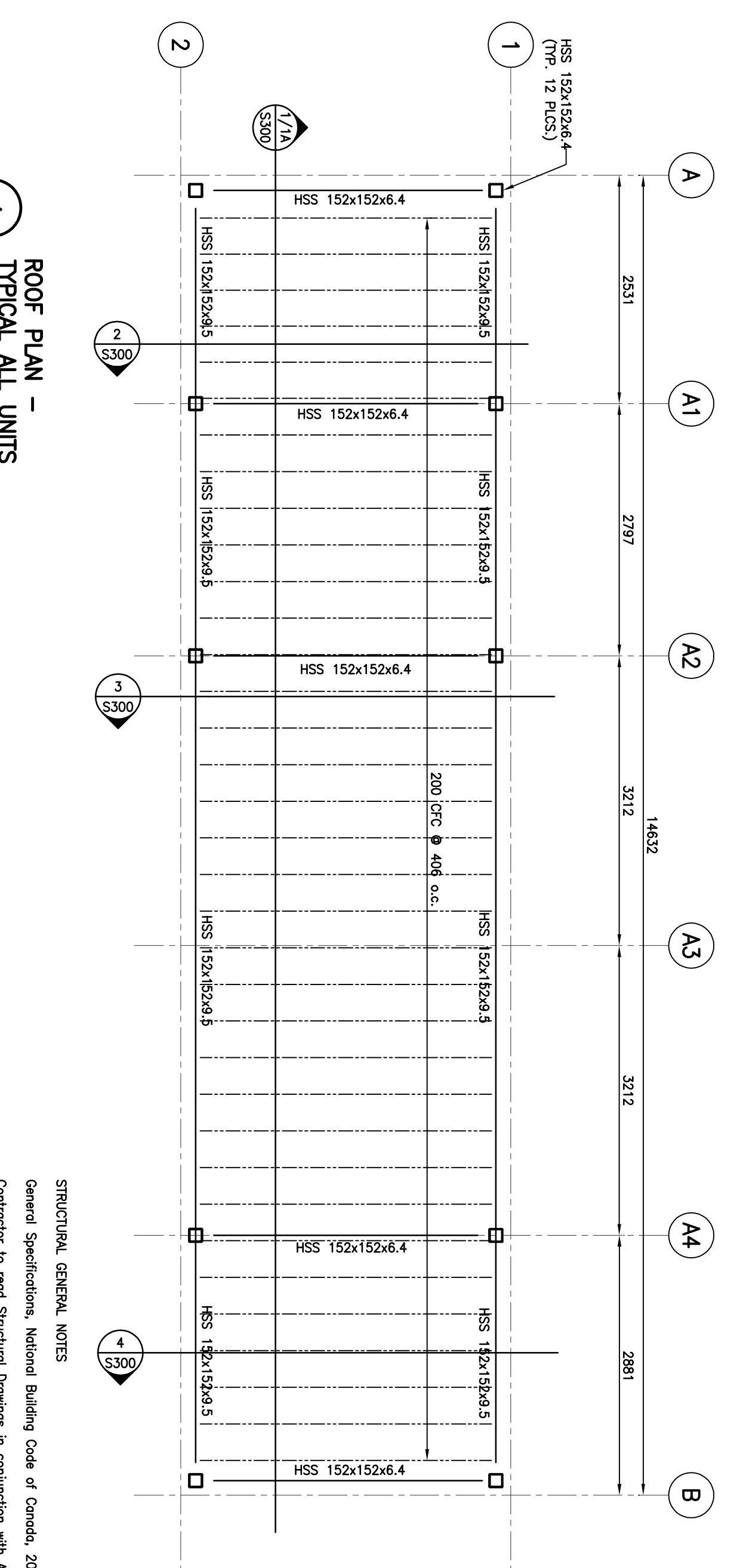
FOUNDATION PLAN - MULTIPLE PLANS

1 : 50

- NOTE:
- SUPER IMPOSED DESIGN LOADS
 - PARTITION DEAD LOAD = 1.0 kPa
 - OCCUPANCY LIVE LOAD = 4.8 kPa
 - WIND LOADING = $p = pm + pc - cp$
 - $m = 1.25$, $q = 1.00$ kPa, $q_s = 0.73$ kPa
 - CHANGING DIMENSIONS BASED ON MINIMUM SURFACE PRESSURES OF 75 kPa, ADJUST TO SUIT SITE CONDITIONS AS REQUIRED.

KENNOTES

1	INSTALL FOUNDATION AT POINTS NOTED PRIOR TO USE	2	INSTALL THE-DOWN FOR SPECIFIED UPLIFT FORCES (U, N) ACCORDING TO THE SITE SPECIFIC VALUES FOR THE NATIONAL BUILDING CODE 1/59Y WIND PRESSURE (P), $U = 0.9M$, NOT REQUIRED
LOCATION	SPECIFIED LOAD (kN)	CHANGING REQUIRED TRIANGLE	PROVIDE 10mm STAINLESS STEEL CABLE C/4 TURNBUCKLE AND 10mm EYE BOLT FROM GROUND SCREW TO ANCHOR POINTS.
A	90	1400x2100	$p < 0.25q_s$, $U = 0.9M$, NOT REQUIRED
B	220	1400x2100	$p < 1.00q_s$, $U = 28M$
C	135	1400x1400	
D	40	TRIANGLE	



ROOF PLAN - TYPICAL ALL UNITS

1 : 50

- NOTE:
- SUPER IMPOSED DESIGN LOADS
 - SNOW LOADING = 7.2 kPa
 - BASED ON AVERAGE SNOW DENSITY OF 3.0kN/m³ TOTAL SNOW SHOULD BE LIMITED TO A MAXIMUM OF 2.4m
 - WIND LOADING = $p = pm + pc - cp$
 - $m = 1.25$, $q = 1.00$ kPa
 - HSS FRAME TO BE FULLY WELDED TO CONCRETE FOUNDATIONS AT ALL LOCATIONS

STRUCTURAL GENERAL NOTES

General Specifications, National Building Code of Canada, 2005.

Contractor to read Structural Drawings in conjunction with Architectural, Mechanical and Electrical and Equipment Manufacturer's Drawings.

Unless noted otherwise, typical details apply throughout.

Confirm size and location of openings with Mechanical and Electrical Contractors.

Report any discrepancies to Consultant before proceeding. Refer to each drawing for related notes.

Foundations

- See plans for locations and requirements.
- Structural steel
- Structural size shapes, bar size shapes and welded shapes to CSA G40.21M, 350 MPa Weldable Grade for W shapes, 300 MPa for all other structural sections to CSA C40.21M, 350 MPa Weldable Grade, Class C.
- Welding material to CSA W48, 488 MPa.
- Bolts, nuts and washers to ASTM A325. Bolts to be tightened by turn-of-nut method per joint and primer.
- Surface of steel to be primed.
- Design and detail connections to CSA S16 and as per drawings.
- Submit shop drawing for review prior to fabrication.
- Fabrication and erection to CSA S16 and CSC Code of Standard Practice.
- After erection, touch up all welds, abrasions, bolted connections and all other surfaces not shop primed, except surfaces to be in contact with concrete.

Cold Formed Metal Joists

- All framing members are to be made from cold-formed steel.
- Use proprietary cold formed galvanized steel joists or joists with equivalent approved by consultant, member size, dimensions, fastening and any related accessories.
- Framing members shall be attached by welding or screws.
- Provide bracing as per manufacturer's recommendations.
- Joists to be 12 gauge and of sizes shown on the plans.

CLIENT
Government of Canada

CONSULTANTS
GENIVAR

PROJECT
POLICE TRANSPORTABLE HOLDING CELLS

DRAWING:
FLOOR PLANS
ROOF PLANS
SECTIONS

PROJECT No: 510-10
DATE: 2011/09/05
DRAWN BY: AC
SCALE: AS NOTED

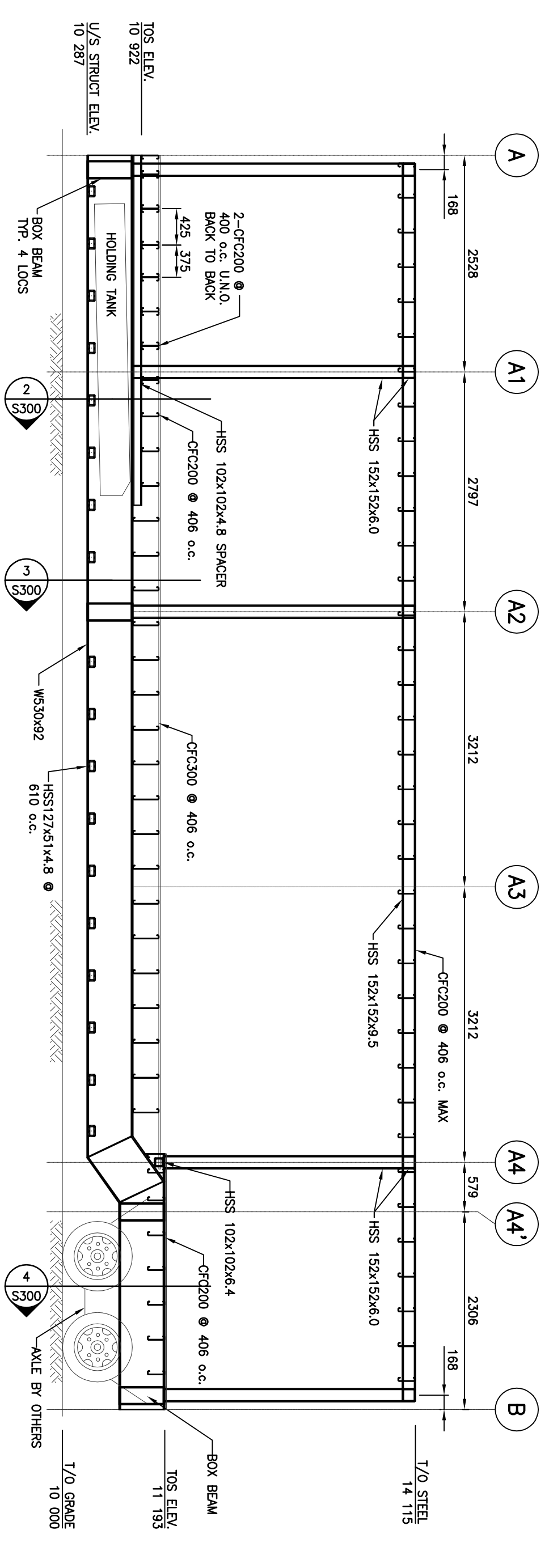
SHEET No: S200
PLOT No: 1

ISSUED FOR CONSTRUCTION
ISSUED FOR TENDER

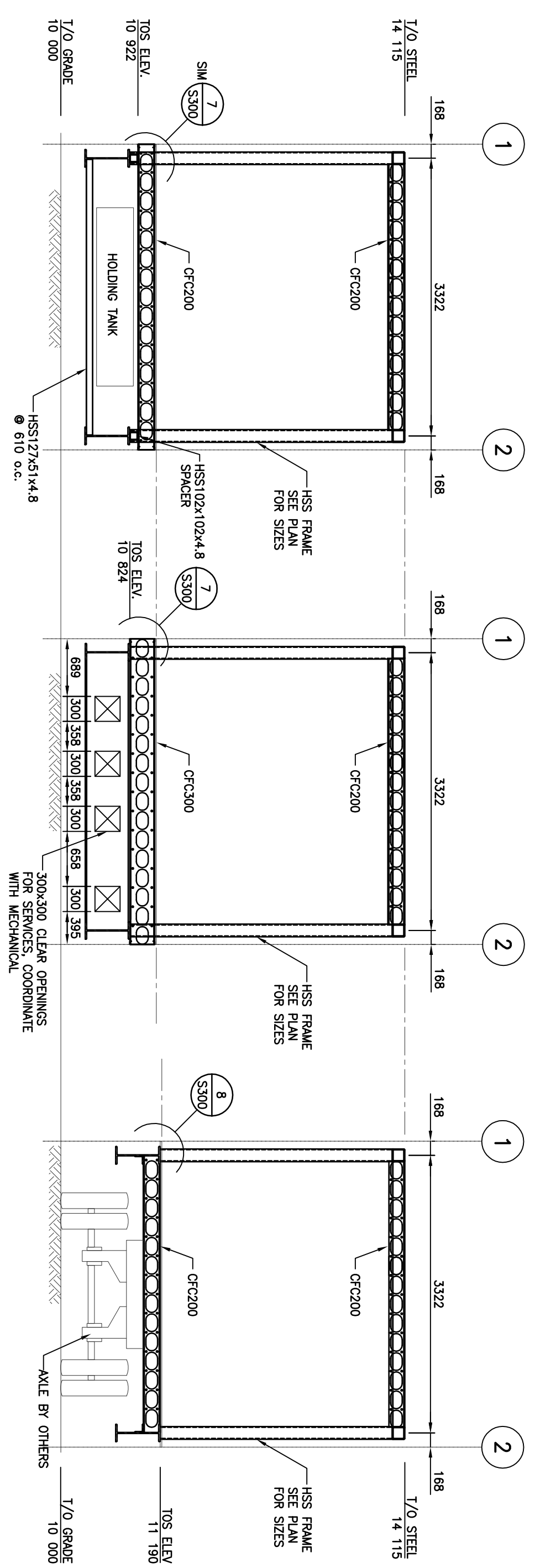
1 2011/11/14
0 2011/09/17

PROFESSIONAL ENGINEER
R.B.M. INC.

PROFESSIONAL ENGINEER
R.B.M. INC.



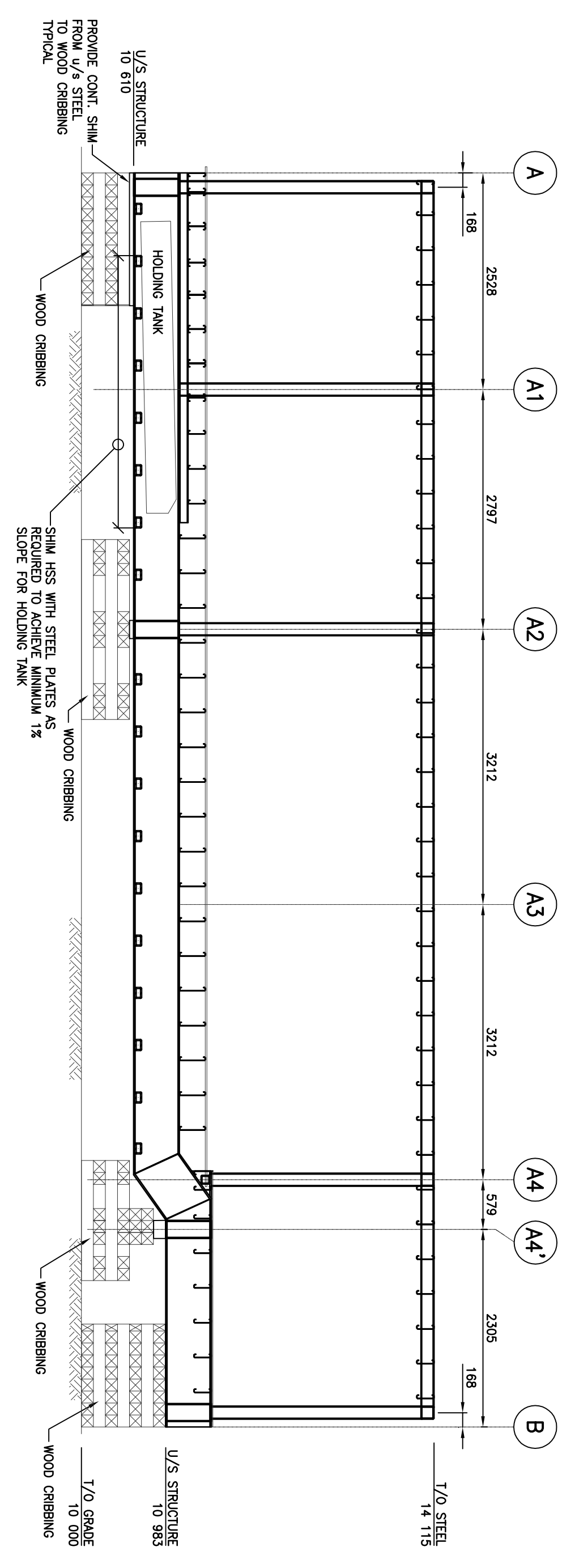
1 SECTION - TRANSPORT
1 : 50
NOTE:
1. BOX BEAMS ON GROSS A & A2
TO BE FABRICATED WITH OPENINGS IN WEB
TO SUIT MECHANICAL AND ELECTRICAL



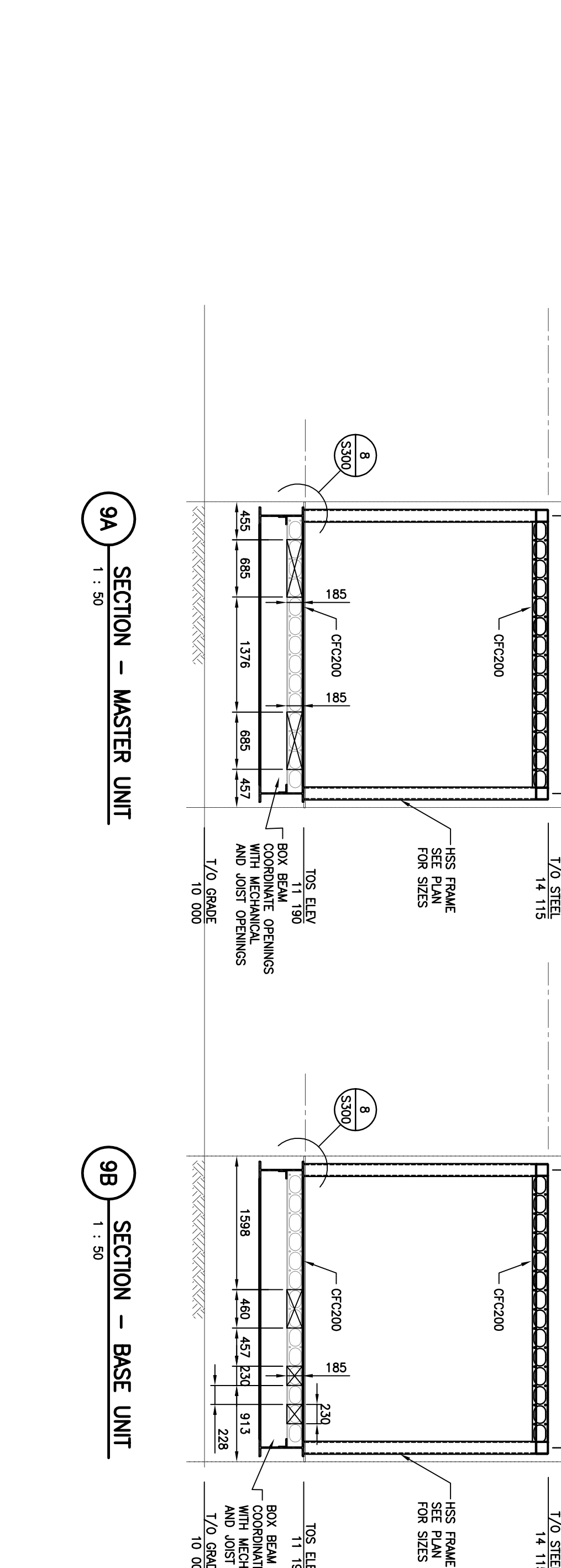
2 SECTION
1 : 50

3 SECTION
1 : 50

4 SECTION
1 : 50

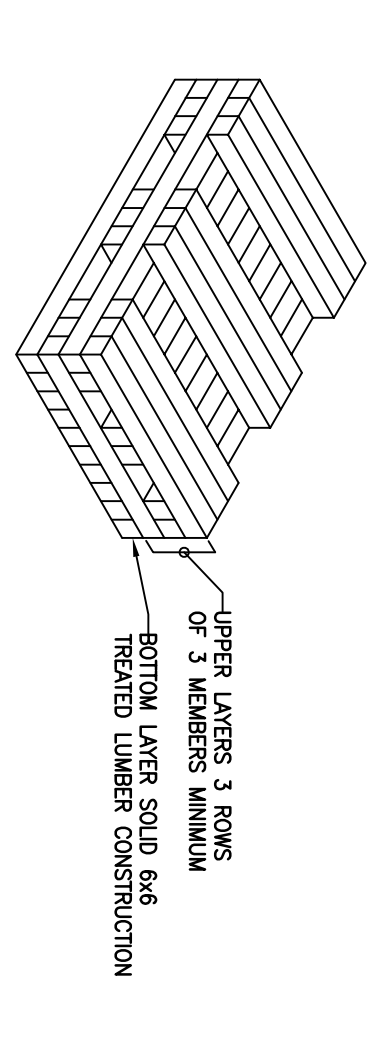


1A SECTION - DEPLOYMENT
1 : 50
NOTE:
1. BOX BEAMS ON GROSS A & A2
TO BE FABRICATED WITH OPENINGS IN WEB
TO SUIT MECHANICAL

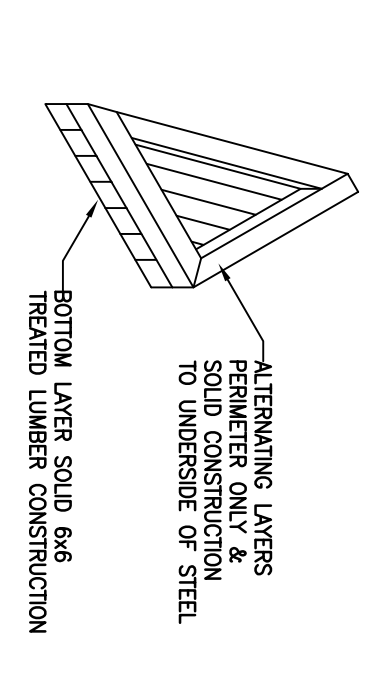


9A SECTION - MASTER UNIT
1 : 50

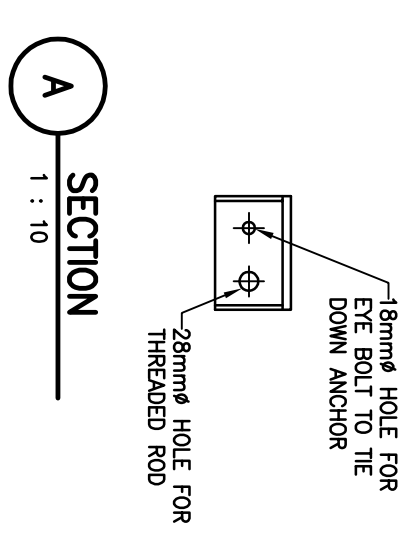
9B SECTION - BASE UNIT
1 : 50



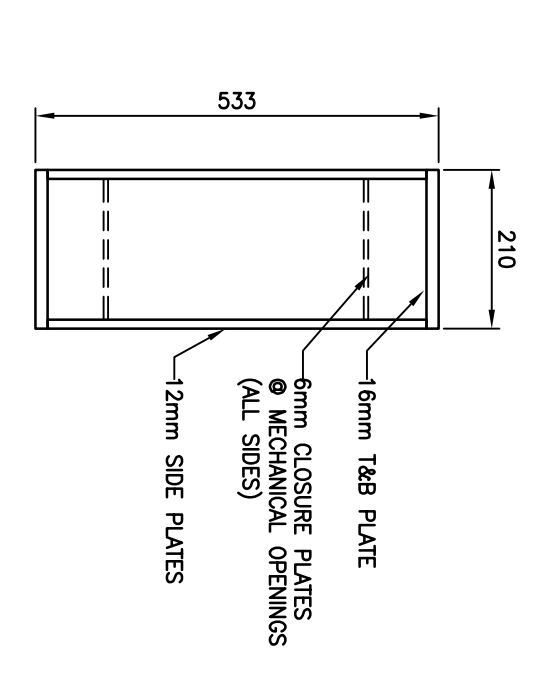
RECTANGULAR CRIBBING DETAIL



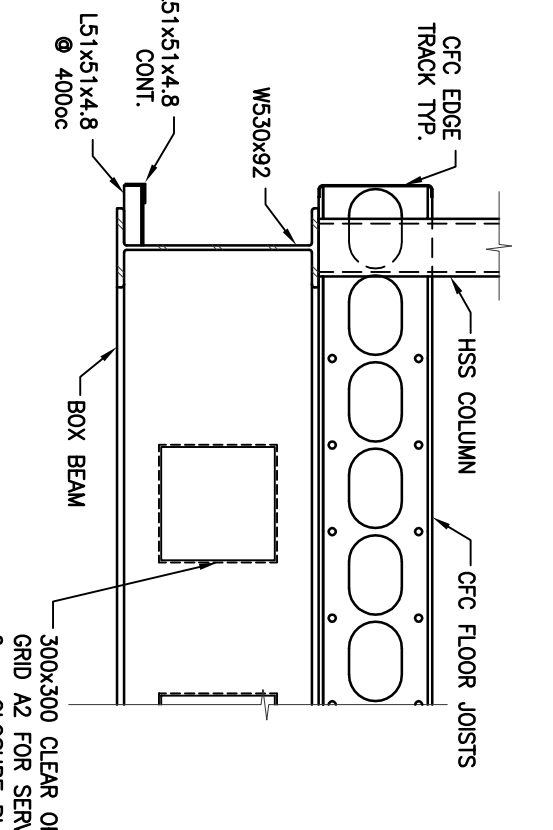
TRIANGULAR CRIBBING DETAIL



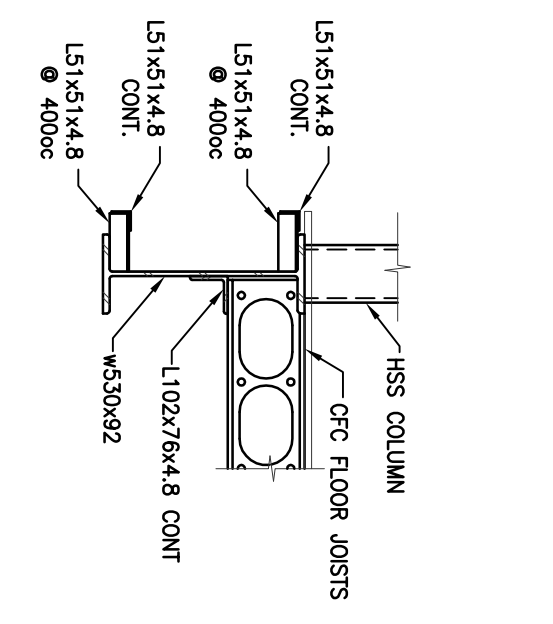
A SECTION
1 : 10



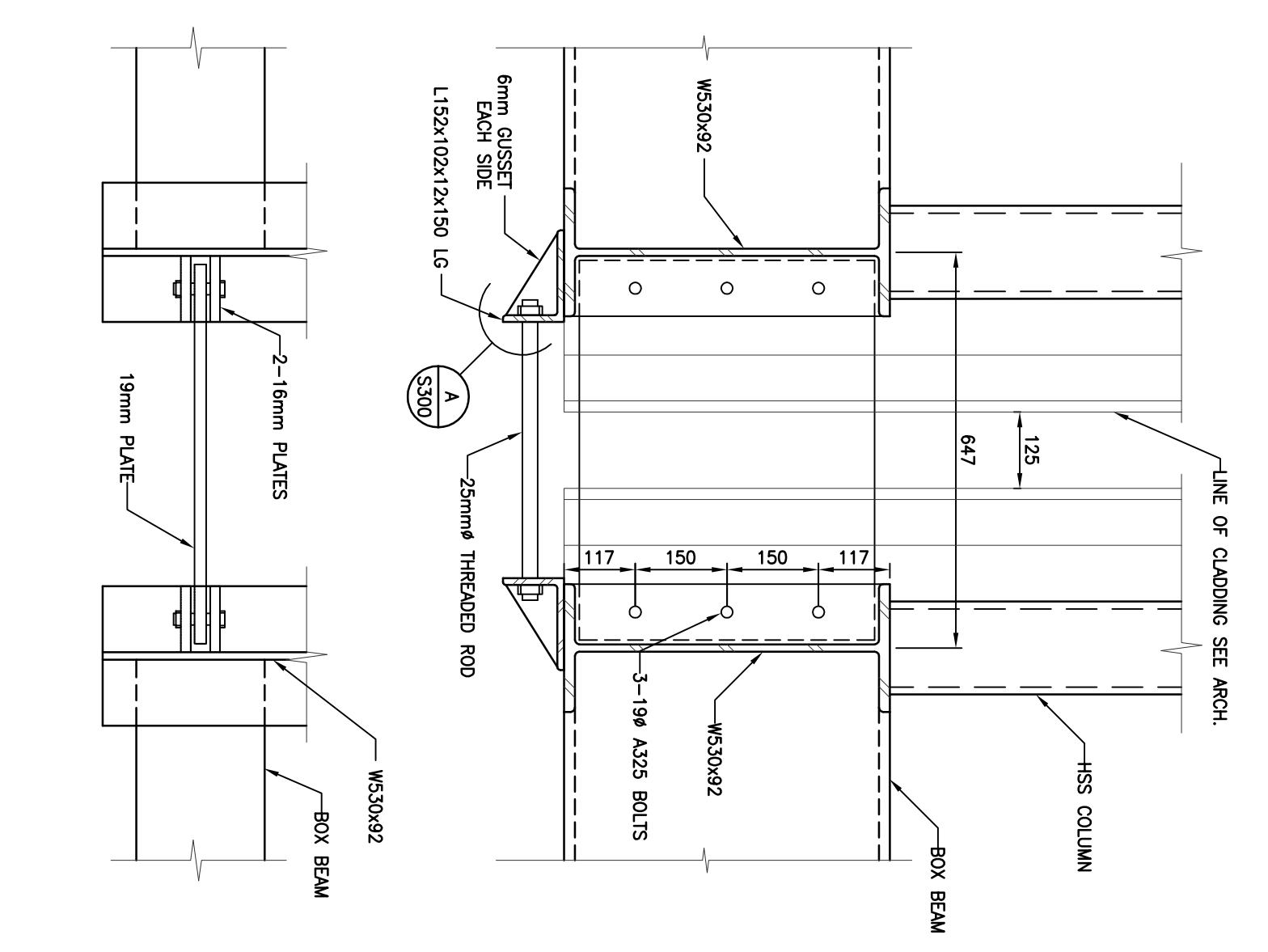
6 TYPICAL BOX BEAM CONSTRUCTION
1 : 10



7 TITLE
1 : 20



8 TITLE
1 : 20



5 SECTION
1 : 10

PROJECT:
POLICE
TRANSPORTABLE
HOLDING CELLS

CONSULTANTS:
GENIVAR

CLIENT:
Government
of Canada

Canada

PROFESSIONAL ENGINEER
ARCHITECT
L.L.P.

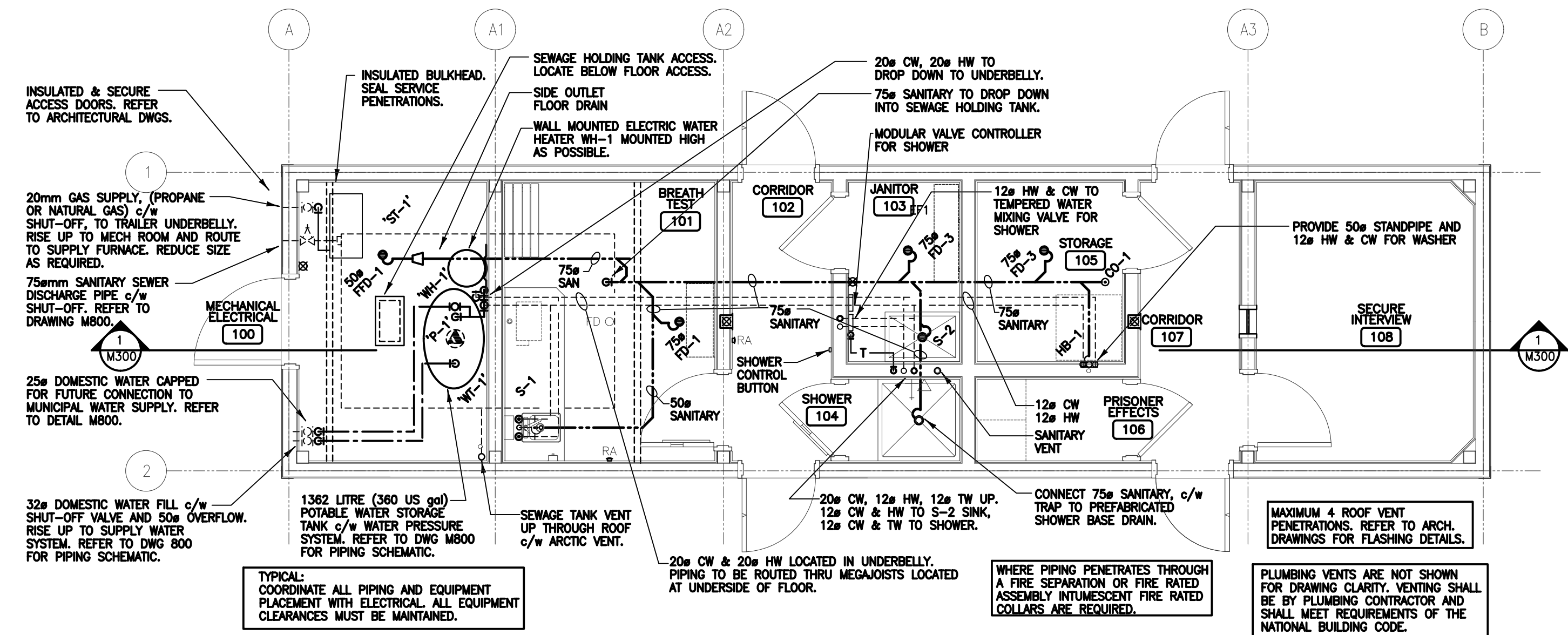
PROJECT:
2205 Spens Avenue
North York, Ontario
M2H 2S8

R B M

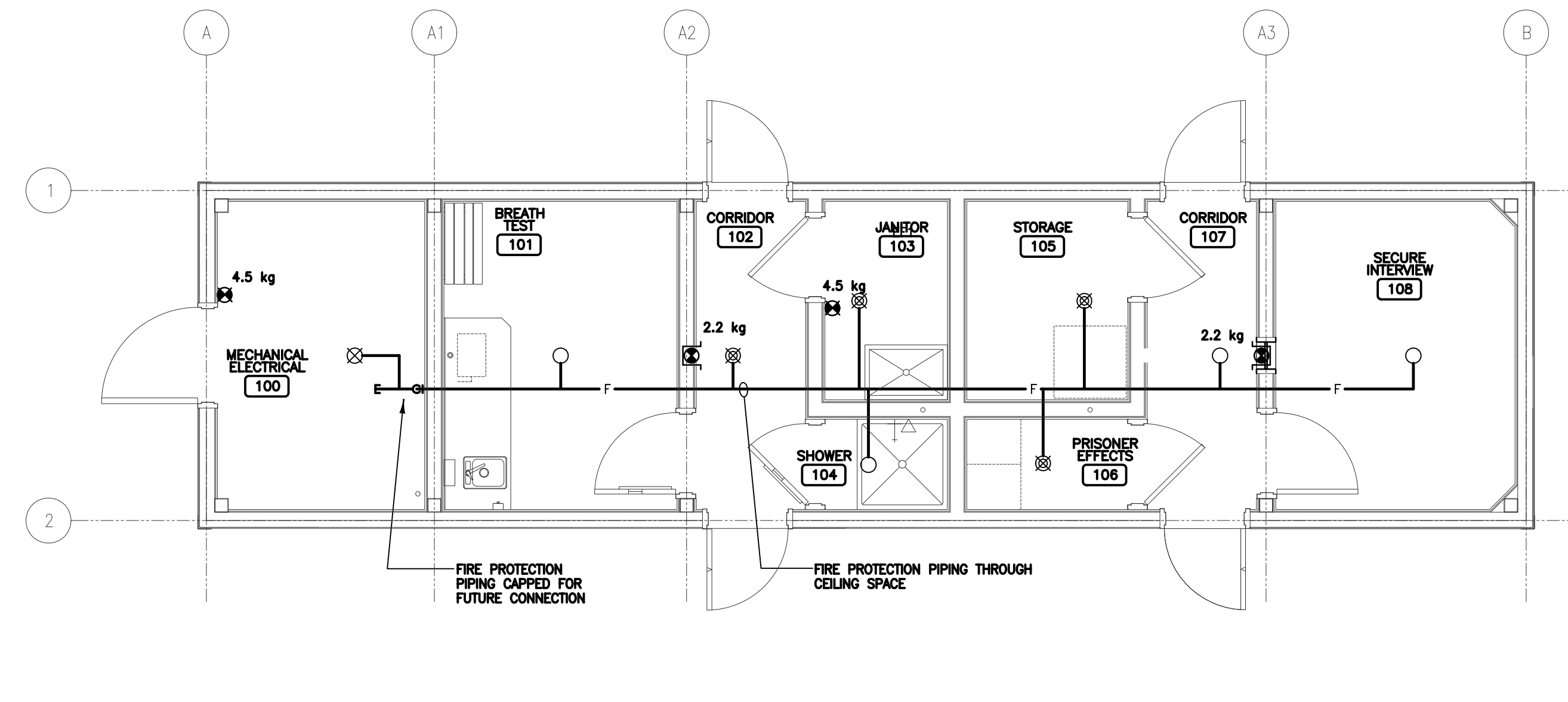
SECTIONS & DETAILS

PROJECT No.: 510-10
DATE: 2011/09/05
DRAWN BY: AC
SCALE: AS NOTED

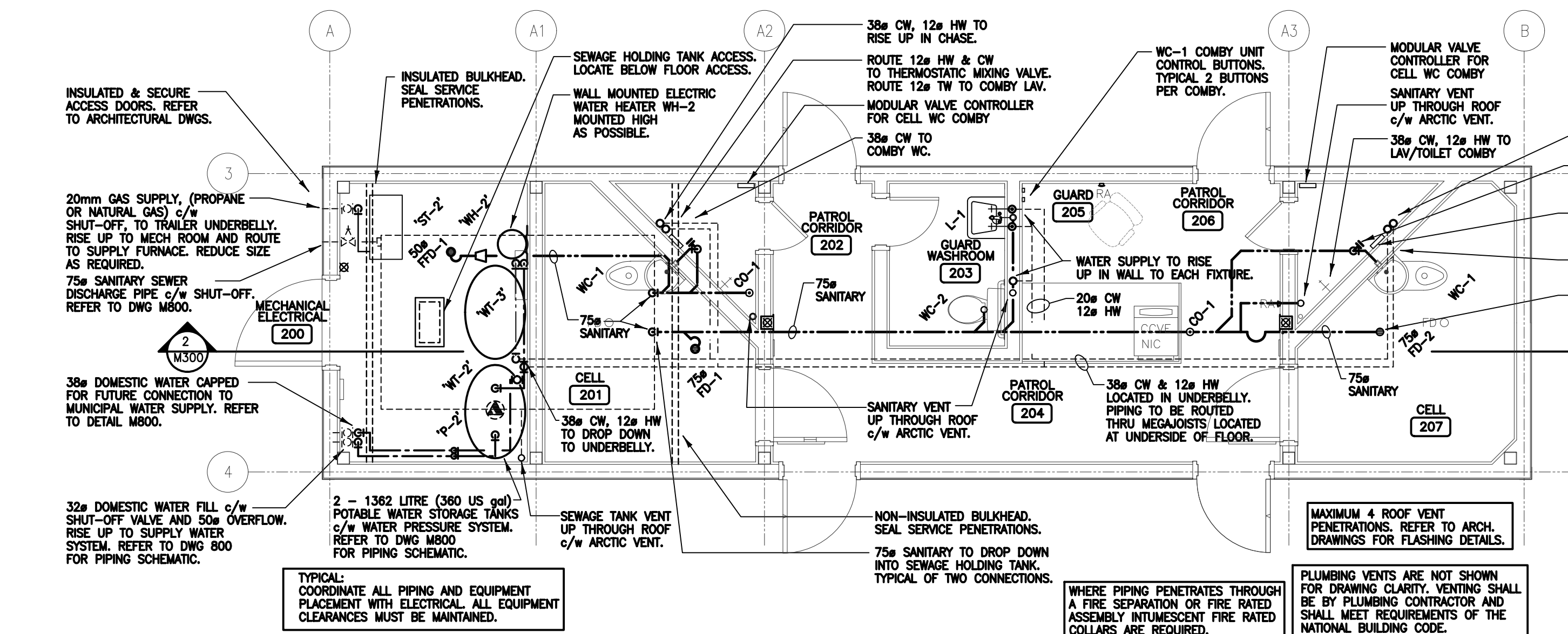
SHEET No.: S300
PLOT No.: 1



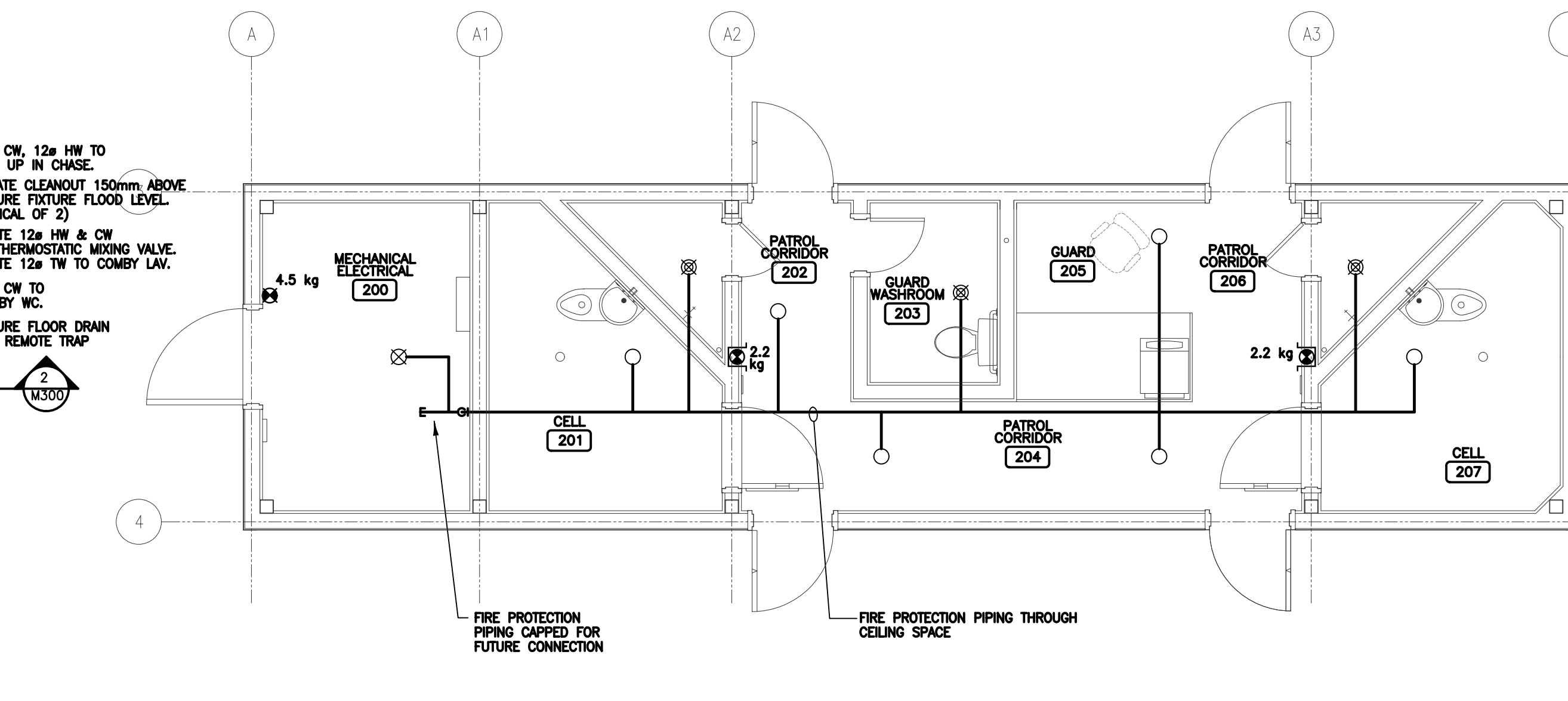
1 MASTER UNIT: PLUMBING
1:50



3 MASTER UNIT: FIRE PROTECTION
1:50



2 BASE UNIT: PLUMBING
1:50



4 BASE UNIT: FIRE PROTECTION
1:50

LEGEND

---S---	SANITARY SEWER	○	INSTITUTIONAL PENDENT QUICK RESPONSE SPRINKLER HEAD
---C---	CONDENSATE DRAINAGE	⊠	UPRIGHT SPRINKLER HEAD
---D---	DOMESTIC COLD WATER	⊞	PENDENT SPRINKLER HEAD
---H---	DOMESTIC HOT WATER	⊞ Kg	TRI-CLASS (ABC) DRY CHEMICAL FIRE EXTINGUISHER IN A CABINET - SIZE AS NOTED
---T---	TEMPERED WATER	⊞ Kg	TRI-CLASS (ABC) DRY CHEMICAL FIRE EXTINGUISHER c/w WALL BRACKETS - SIZE AS NOTED
---G---	GAS - NATURAL GAS OR PROPANE	○	
---R---	REDUCER	○	
---W---	WALL CLEAN OUT	○	
---F---	FLOOR CLEAN OUT	○	
---P---	P-TRAP	○	
---FD---	FLOOR DRAIN - TYPE	○	
---T---	TAPS/FAUCETS	○	
---U---	UNION	○	
---V---	PLUG (GAS) VALVE	○	
---B---	BALL VALVE	○	
---CB---	CIRCUIT BALANCING VALVE	○	
---G---	GLOBE VALVE	○	
---C---	CHECK VALVE	○	
---B---	BUTTERFLY VALVE	○	
---G---	GATE VALVE	○	
---S---	SUPPLY/FRESH AIR DUCT UP/DOWN	○	
---R---	RETURN/EXHAUST DUCT UP/DOWN	○	
---C---	CIRCULAR DUCT OR FLUE VENT	○	
---E---	EXHAUST FAN	○	
---T---	THERMOSTAT	○	
---S---	SPEED CONTROLLER	○	
---F---	FIRE DAMPER	○	
---M---	MOTORIZED DAMPER	○	
---B---	BACKDRAFT DAMPER	○	
---G---	SUPPLY/RETURN AIR GRILLE/DIFFUSER	○	
---I---	INDICATES DIRECTION OF FLOW	○	
---B---	BALANCING DAMPER w/ QUADRANT POSITION LOCK	○	
---T---	TURNING VANES	○	
---I---	INDICATES DUCT LINED WITH 1 INCH THK. INTERNAL ACOUSTIC INSULATION. CLEAR INSIDE DIMENSION SHOWN.	○	

FIXTURE	SERVICE			
	DCW	DHW	DTW	SAN VENT
WATER CLOSET (TANK)	12	---	---	75 38
SECURE WATER CLOSET/LAVATORY COMBO - WATER CLOSET	38	---	---	75 38
SECURE WATER CLOSET/LAVATORY COMBO - LAVATORY	12	---	12	38 32
LAVATORY	12	12	---	32 32
SINK	12	12	---	38 38
SHOWER	12	---	12	50 38
JANITORS SINK	12	12	---	75 38
CLOTHES WASHER	12	12	---	50 38
75mm FLOOR DRAIN	---	---	---	75 38

CONSTRUCTION NORTH MAY DIFFER FROM THAT OF TRUE NORTH. REFER TO SITE PLANS FOR CONFIGURATIONS AND ORIENTATION OF MODULES.

NOTE: ALL WATER PIPING AND SANITARY PIPING TO BE ROUTED AT ELEVATION AND LOCATIONS AS SHOWN. REFER TO DRAWING M300 FOR SECTION.

1 2011/11/14 ISSUED FOR CONSTRUCTION
0 2011/08/05 ISSUED FOR TENDER

SEALS:

CERTIFICATE OF AUTHORIZATION
GENIVAR Inc.
Number: C00888
Permitted to Control Field by:
Sask. Reg. No. 44024
Mechanical: 8755

CLIENT: Government of Canada
Canada

CONSULTANTS: GENIVAR
210 - 15 INNOVATION BOULEVARD
SASKATOON, SASKATCHEWAN, CANADA S7N 2X8
TELEPHONE: (306) 665-6223
FAX: (306) 665-8589

RBM architecture
2205 Spence Avenue Saskatoon, SK S7N 1A1
email: office@rbmarchitects.ca ph: 306.242.2536
704, 1101-101 Street North, Burlington, ON L7R 4K6
tel: 306.441.4208

PROJECT: POLICE TRANSPORTABLE HOLDING CELLS

DRAWING: PLUMBING

PROJECT No: 510-10	SHEET No: 2011/08/05	PLOT No:
DATE:	2011/08/05	M200
DRAWN BY: SJS	SCALE: AS NOTED	