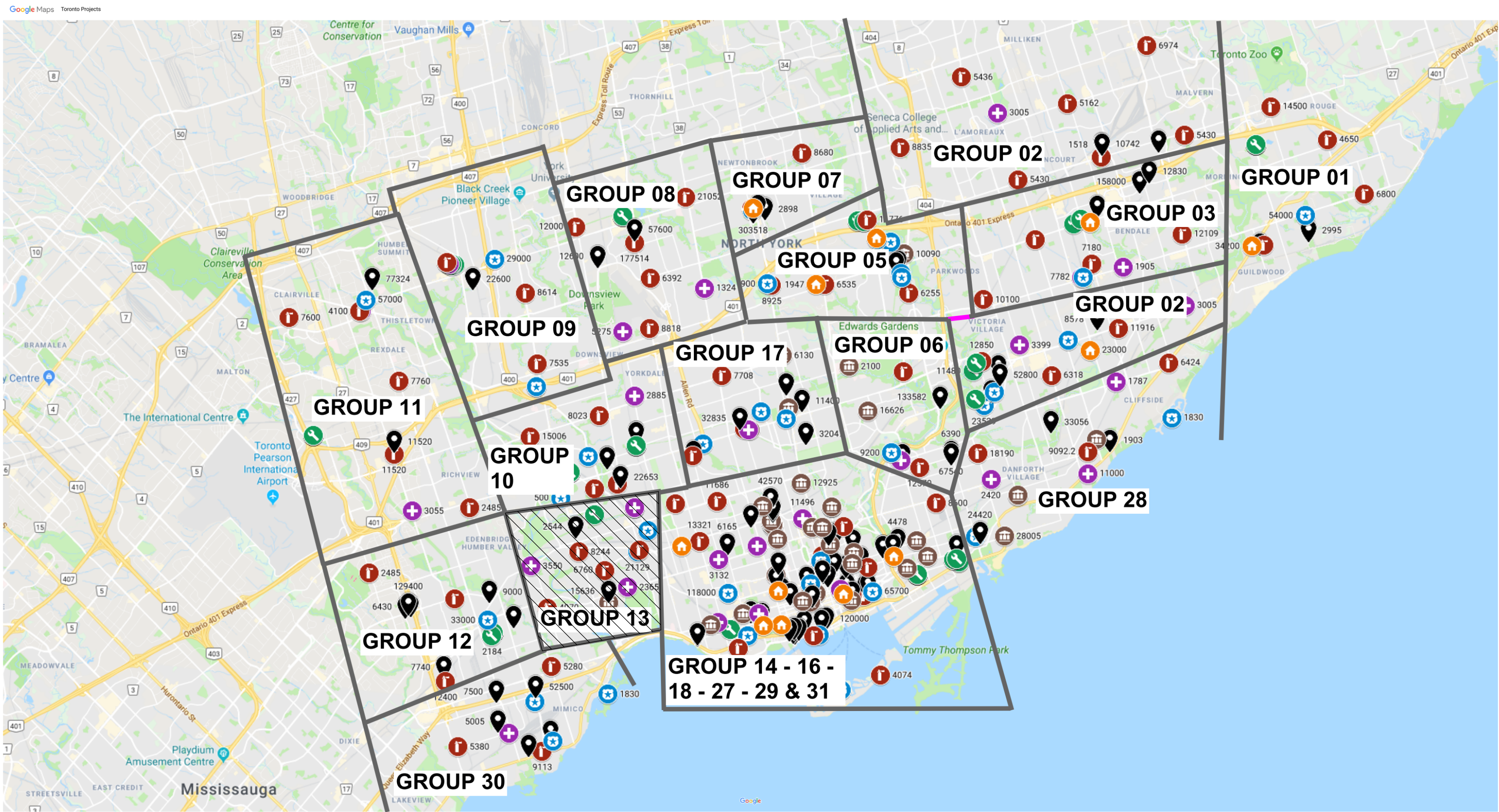


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ACCESSIBILITY UPGRADES

GROUP 3

9119- 19- 0162 / Arcadis 30279056



COVER PAGE GROUP 05	
SHEET #	SHEET TITLE
G03-GAL-G1001	COVER PAGE, GENERAL DRAWING LIST, BUILDING LIST

GENERAL LAYOUTS GROUP 05	
SHEET #	SHEET TITLE
G03-GAL-G1002	ARCHITECTURAL GENERAL NOTES, ABBREVIATIONS & REFERENCE SYMBOLS
G03-GAL-G1003	WALL TYPES
G03-GAL-G1004	DOOR TYPES
G03-GAL-G2001	STRUCTURAL GENERAL NOTES
G03-GAL-G2002	ABBREVIATIONS & SYMBOLES
G03-GAL-G3001	MECHANICAL LEGEND SHEET 1 OF 2
G03-GAL-G3002	MECHANICAL LEGEND SHEET 2 OF 2
G03-GAL-G4001	ELECTRICAL LEGEND SHEET 1 OF 2
G03-GAL-G4002	ELECTRICAL LEGEND SHEET 2 OF 2
G03-GAL-G4003	ELECTRICAL GENERAL NOTES

GROUP 03 BUILDING INDEX		
SERIAL #	BUILDING ADDRESS	BUILDING DESCRIPTION
17	1050 ELLESMERE RD	ELLESMERE YARD - BLDG D
37	1305 ELLESMERE RD	SQUIRRELS NEST DAYCARE CENTER
114	2000 MIDLAND AVE	ELLESMERE YARD - BLDG A
141	2440 LAWRENCE AVE E	POLICE - BAIL & PAROLE ENFORCEMENT OFFICE
108	2 HOBSON AVE	CORPORATE PRINTING & MULTI-MEDIA BUILDING
231	4331 LAWRENCE AVE E	POLICE NO. 43 DIVISION & EMS STATION NO. 26

TOUCH AND FEEL BOOKLET

TYPICAL DETAILS BOOKLET

NOT FOR CONSTRUCTION

ISSUED FOR TENDER

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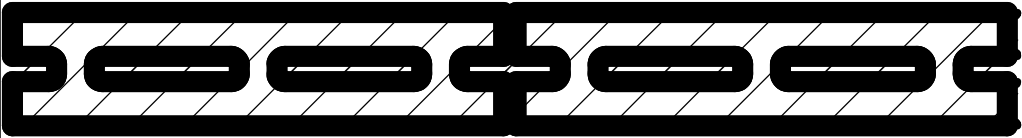
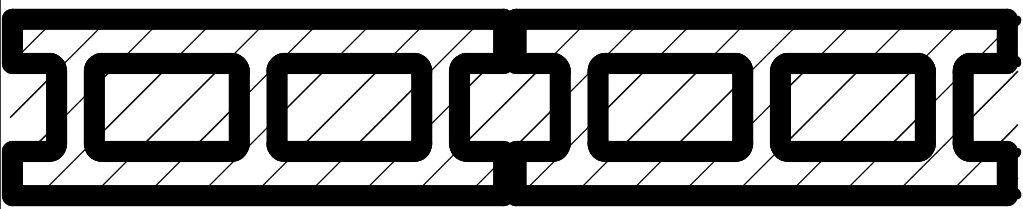
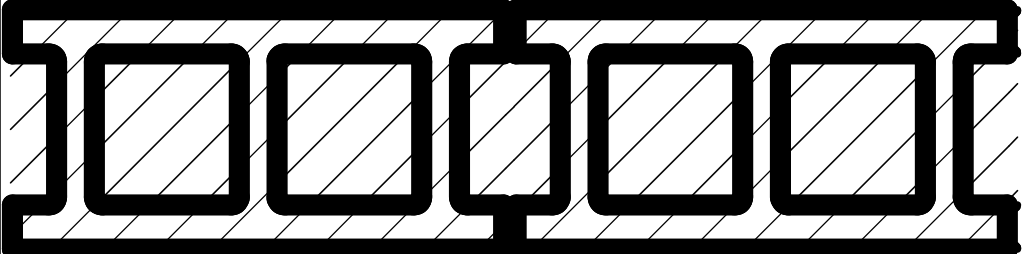
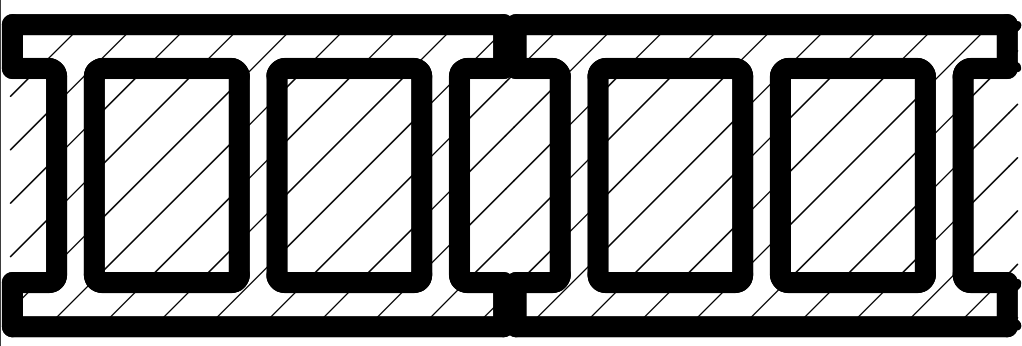
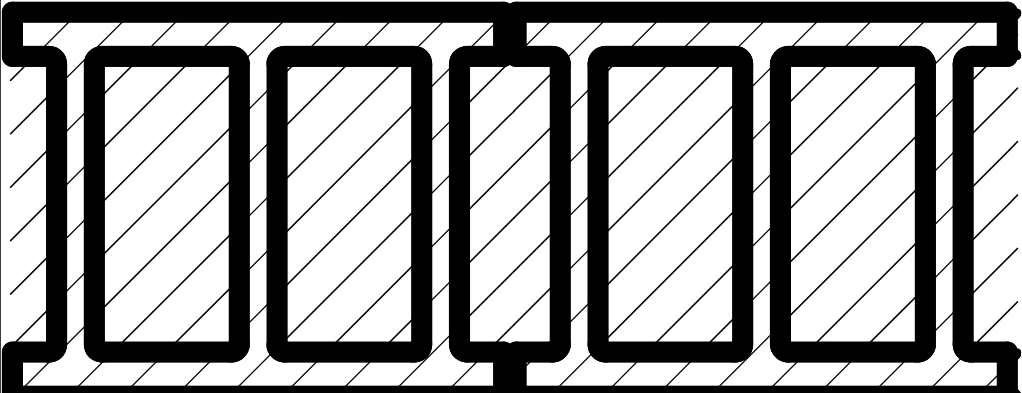
ISSUES		
No.	DESCRIPTION	DATE
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C	ISSUED FOR PERMIT	2022-03-18
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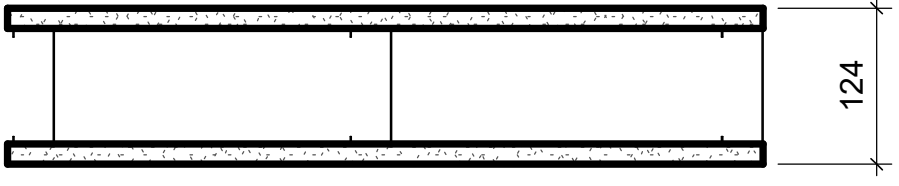
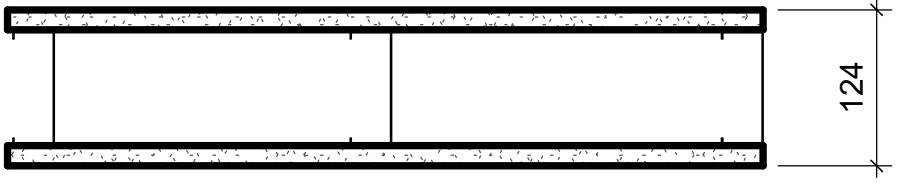
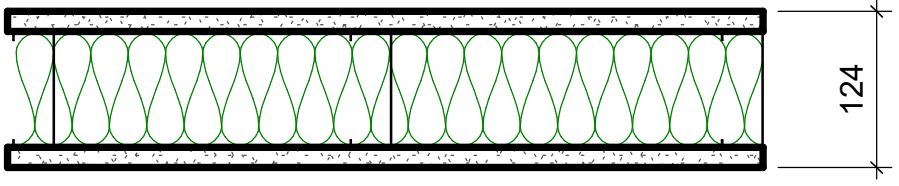
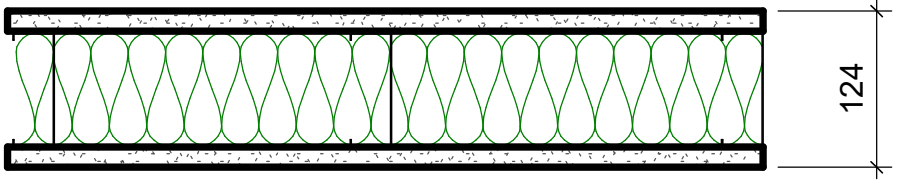
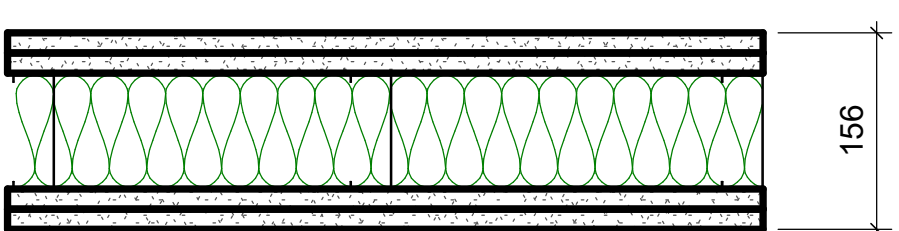
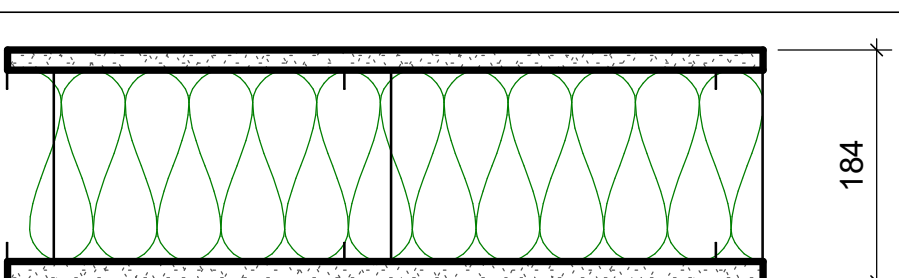
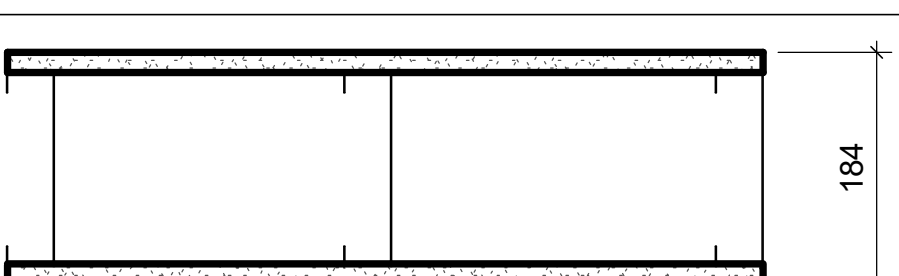
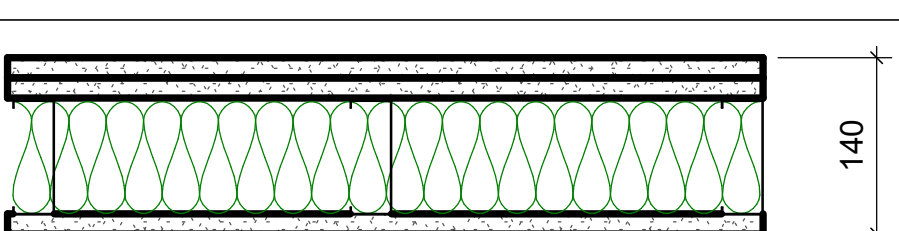
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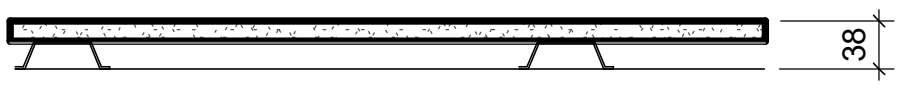
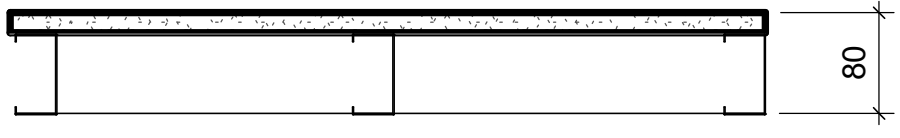
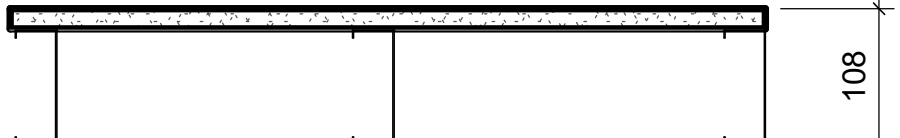
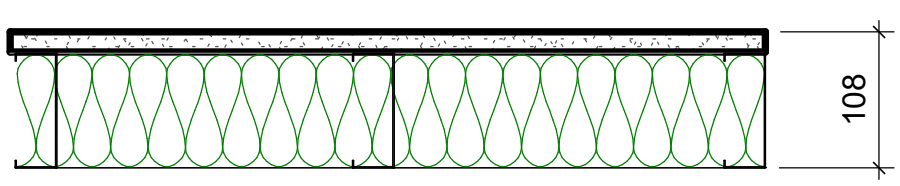
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DATE: 2022-12-07	
SHEET NUMBER G03-GAL-G0001	ISSUE D

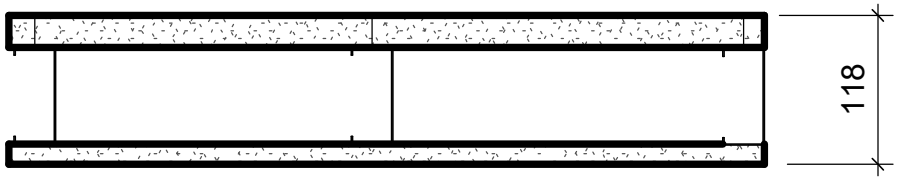
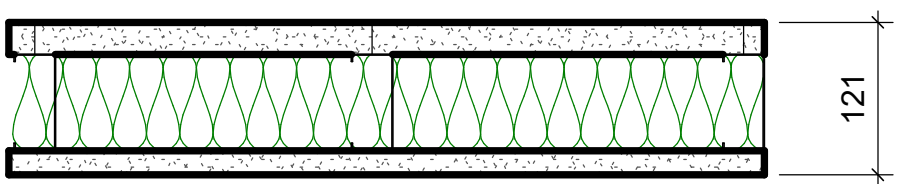
CONCRETE BLOCK				
TYPE NO.	ASSEMBLY	DESCRIPTION	FRR	STC
W1a		- 90mm CONCRETE BLOCK NORMAL WEIGHT TO U/S OF DECK/ SLAB ABOVE		44
W1b		- 140mm CONCRETE BLOCK NORMAL WEIGHT TO U/S OF DECK/ SLAB ABOVE	1.0 HR OBC SB-2	46
W1c		- 190mm CONCRETE BLOCK NORMAL WEIGHT TO U/S OF DECK/ SLAB ABOVE	2.0 HR OBC SB-2	48
W1d		- 240mm CONCRETE BLOCK LIGHT WEIGHT TO U/S OF DECK/ SLAB ABOVE		49
W1e		- 305mm CONCRETE BLOCK NORMAL WEIGHT TO U/S OF DECK/ SLAB ABOVE		51

WALL TYPE NOTES:

- ACOUSTIC BATT INSULATION TO EXTEND FULL HEIGHT OF WALL ASSEMBLIES UNLESS NOTED OTHERWISE.
- PROVIDE MOISTURE RESISTANT GYPSUM BOARD ON ALL WALLS OF WASHROOMS, KITCHEN AREAS AND BEHIND DRINKING FOUNTAINS.
- PROVIDE TILE BACKER BOARD BEHIND ALL CERAMIC TILE APPLICATIONS.
- ANY PENETRATIONS THROUGH FIRE RATED WALLS SHOULD BE PROTECTED WITH ULC LISTED FIRE STOPPING.
- AT FIRE RATED WALLS AND SMOKE BARRIERS ABOVE ACCESSIBLE CEILING, PROVIDE IDENTIFICATION SIGNAGE, SPACED AT NOT MORE THAN 9 METRE MEASURED HORIZONTALLY, INDICATING "FIRE AND/OR SMOKE BARRIER - PROTECT OPENINGS AS PER OBC 3.1.9".
- PROVIDE FIRE BLOCKING IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS VERTICALLY AT THE CEILING AND FLOOR LEVELS AND HORIZONTALLY.
- FURRING WALLS AROUND COLUMNS, SHAFTS AND PIPING THAT ARE ALSO DEMISING WALLS BETWEEN ROOMS SHALL GO TO U/S OF DECK/ SLAB ABOVE AND CARRY ACOUSTIC INSULATION CONTINUITY FROM ADJACENT WALLS.

METAL STUD - DRYWALL				
TYPE NO.	ASSEMBLY	DESCRIPTION	FRR	STC
W2		- 16mm FIRE RATED GYPSUM BOARD - 92mm METAL STUDS @ 400 O.C. - 16mm FIRE RATED GYPSUM BOARD - EXTEND WALL TO U/S OF DECK	1.0 HR ULC W407	38 (OBC S4C)
W2a		- 16mm GYPSUM BOARD - 92mm METAL STUDS @ 400 O.C. - 16mm GYPSUM BOARD		
W2b		- 16mm FIRE RATED GYPSUM BOARD - 92mm METAL STUDS @ 400 O.C. MAXIMUM - 92mm ACOUSTIC / THERMAL NON COMBUSTIBLE BATT INSULATION - 16mm FIRE RATED GYPSUM BOARD - EXTEND WALL TO U/S OF DECK	1.0 HR ULC W407	45
W2c		- 16mm GYPSUM BOARD - 92mm METAL STUDS @ 400 O.C. - 92mm ACOUSTIC / THERMAL NON COMBUSTIBLE BATT INSULATION - 16mm GYPSUM BOARD - EXTEND WALL TO U/S OF DECK		45
W2d		- 2 LAYERS OF 16mm FIRE RATED GYPSUM BOARD - 92mm METAL STUDS @ 400 O.C. MAXIMUM - 92mm ACOUSTIC / THERMAL NON COMBUSTIBLE BATT INSULATION - 2 LAYERS OF 16mm FIRE RATED GYPSUM BOARD - EXTEND WALL TO U/S OF DECK	2.0 HR ULC W414	55
W2e		- 16mm GYPSUM BOARD - 152mm METAL STUDS @ 400 O.C. - 152mm ACOUSTIC / THERMAL NON COMBUSTIBLE BATT INSULATION - 16mm GYPSUM BOARD - EXTEND WALL TO U/S OF DECK		51 (OBC S7A)
W2f		- 16mm GYPSUM BOARD - 152mm METAL STUDS @ 400 O.C. - 16mm GYPSUM BOARD		
W2g		- 2 LAYERS OF 16MM GYPSUM BOARD - 92mm METAL STUDS @ 400 O.C. - 92mm ACOUSTIC / THERMAL NON COMBUSTIBLE BATT INSULATION - 16mm GYPSUM BOARD - EXTEND WALL TO U/S OF DECK		50 (OBC S5B)

FURRING WALL TYPES - INTERNAL			
TYPE NO.	ASSEMBLY	DESCRIPTION	FRR
W3a		38mm FURRING - TO 150mm ABOVE FIN. CEILING - 16mm GYPSUM BOARD - 22mm MIN HAT CHANNEL @ 400 O.C.	
W3b		80mm FURRING - TO 150mm ABOVE FIN. CEILING - 16mm GYPSUM BOARD - 64mm MIN STEEL STUDS @ 400 O.C.	
W3c		108mm FURRING - TO 150mm ABOVE FIN. CEILING UNLESS OTHERWISE NOTED - 16mm GYPSUM BOARD - 92mm MIN STEEL STUDS @ 400 O.C.	
W3d		108mm FURRING - TO 150mm ABOVE FIN. CEILING UNLESS OTHERWISE NOTED - 16mm GYPSUM BOARD - 92mm MIN STEEL STUDS @ 400 O.C. - 92mm ACOUSTIC NON COMBUSTIBLE BATT INSULATION	

SHAFT WALL TYPES - INTERNAL				
TYPE NO.	ASSEMBLY	DESCRIPTION	FRR	STC
W4a		-25.4mm FIRE RATED GYPSUM BOARD -102mm "C-H" SHAPED STUD @600 O.C. - 16mm FIRE RATED GYPSUM BOARD TO U/S OF DECK/ SLAB ABOVE	1.0 HR ULC W452	
W4b		-25.4mm FIRE RATED GYPSUM BOARD -102mm "C-H" SHAPED STUD @600 O.C. - 102mm ACOUSTIC / THERMAL NON COMBUSTIBLE BATT INSULATION - 19.1mm FIRE RATED GYPSUM BOARD TO U/S OF DECK/ SLAB ABOVE	2.0 HR ULC W508	52

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B	90% SUBMISSION	2022-02-22
C	ISSUED FOR PERMIT	2022-03-18
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PROJECT TITLE
CITY OF TORONTO
ACCESSIBILITY UPGRADES

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PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

DRAWN BY:
A. BOYNARIAN

CHECKED BY:
L. BANDIERA

PROJECT MGR:
F.BOLOURIAN

APPROVED BY:
E. FENUTA

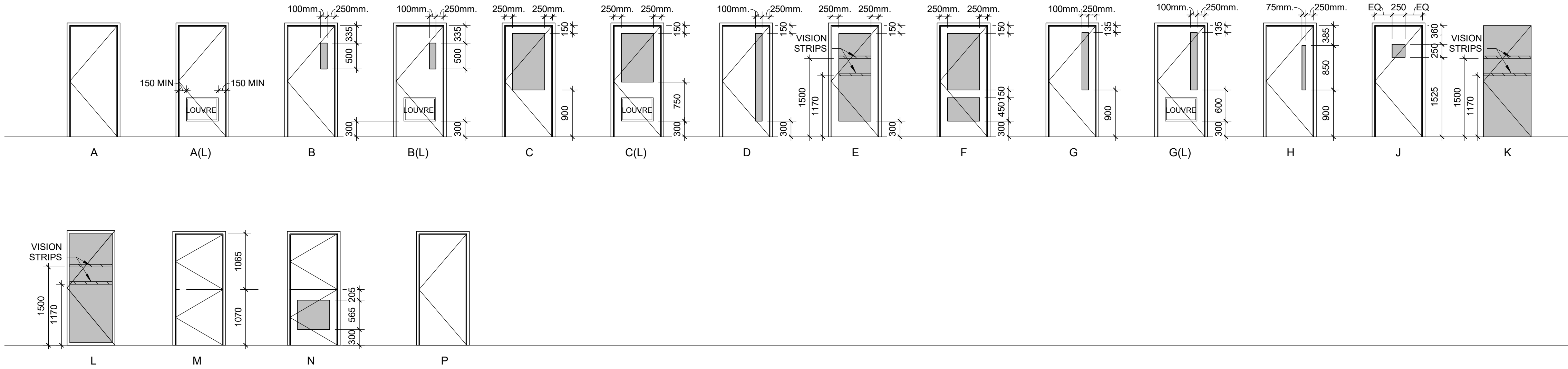
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WALL TYPES

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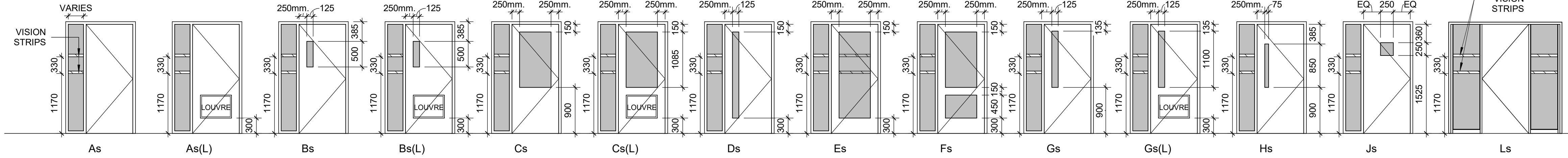
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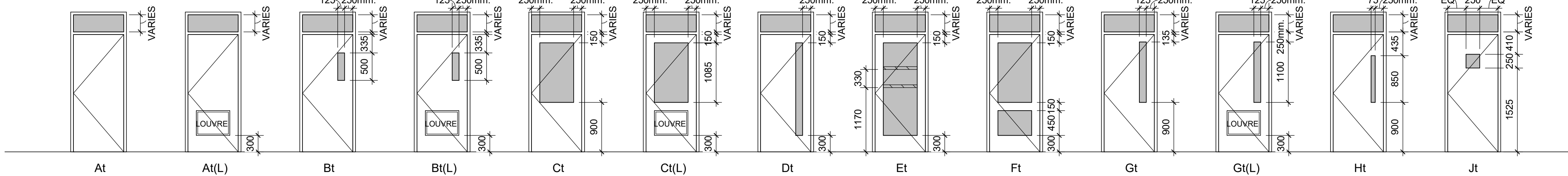
SINGLE DOOR TYPES



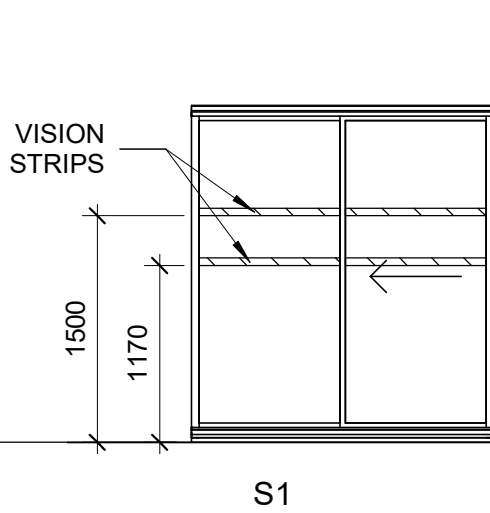
SINGLE DOOR WITH SIDELIGHT TYPES



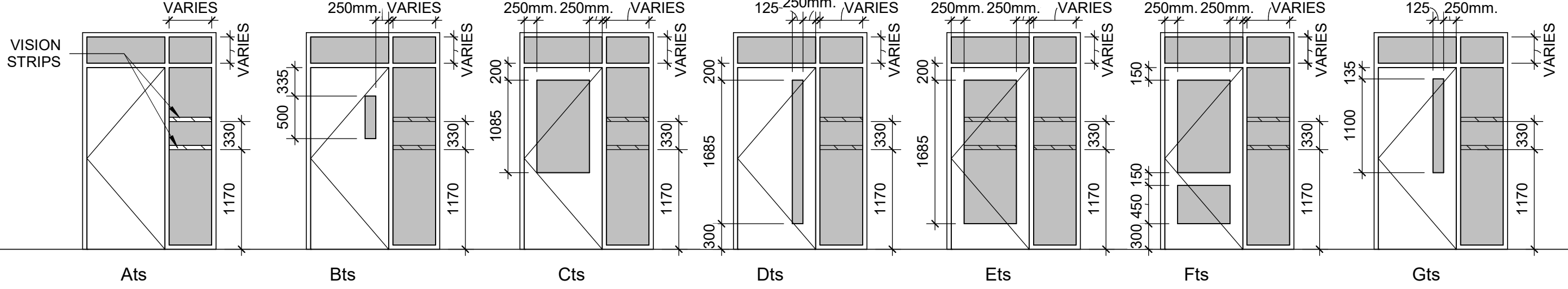
SINGLE DOOR WITH TRANSOM TYPES



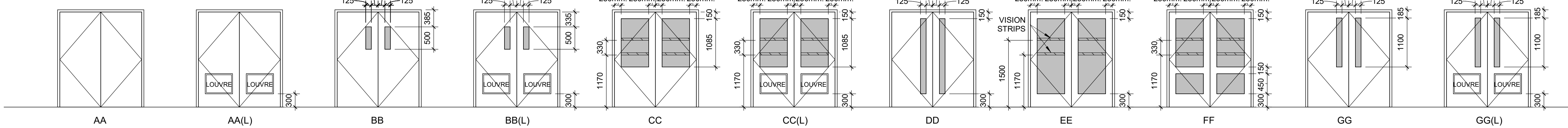
SINGLE SLIDING DOOR TYPE



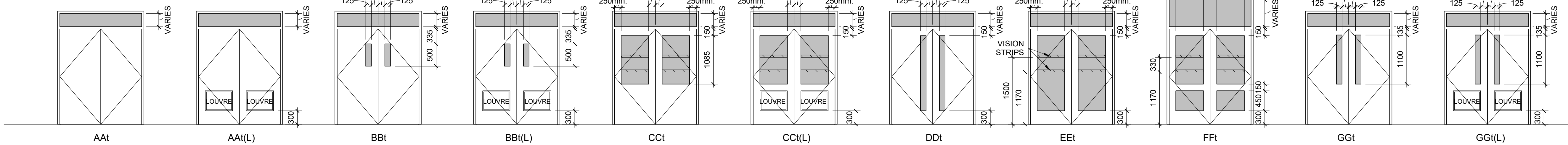
SINGLE DOOR WITH SIDELIGHT & TRANSOM TYPES



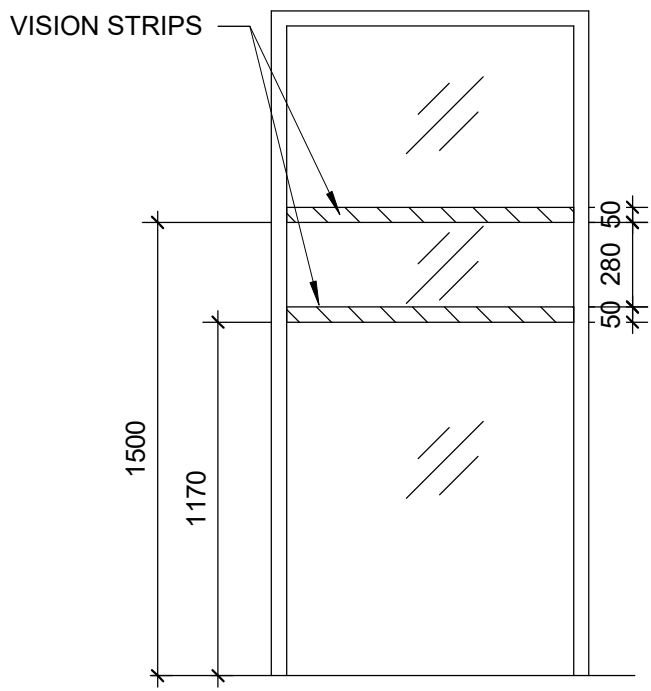
DOUBLE DOOR TYPES



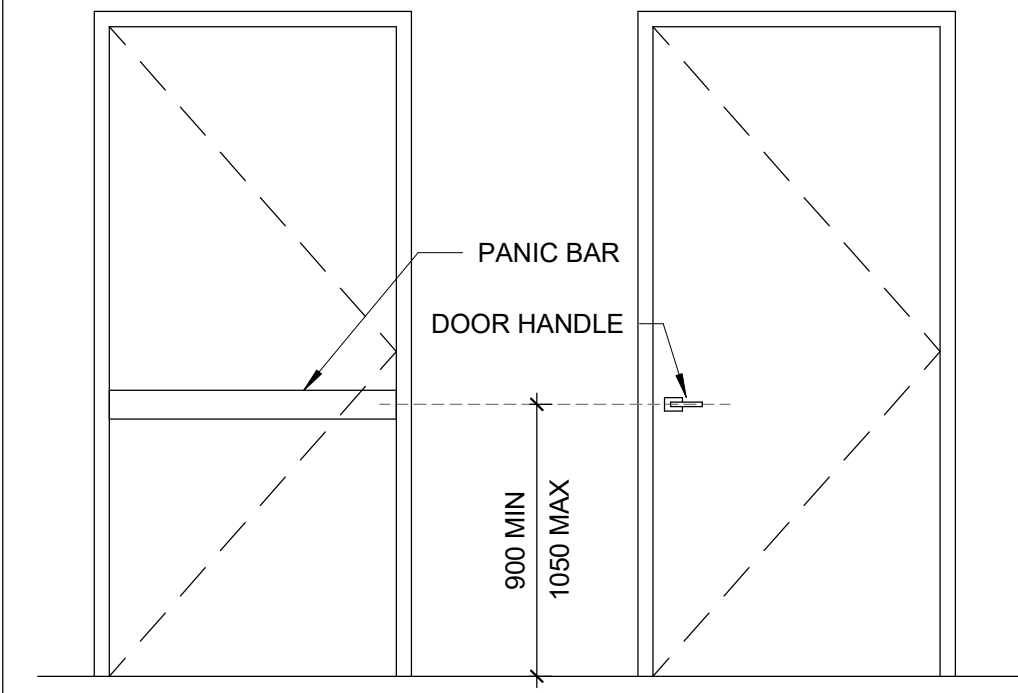
DOUBLE DOOR WITH TRANSOM TYPES



VISION STRIPS



DOOR HANDLE / PANIC BAR HEIGHT



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L. BANDIERA

PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
E. FENUTA

SHEET TITLE
DOOR TYPES

SHEET NUMBER

G03-GAL-G0004

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REINFORCING STEEL

1. ALL REINFORCING STEEL SHALL CONFORM TO CAN/CSA-G30.18-M-2009 (R2014), GRADE 400W.
2. MINIMUM CLEAR SPACING BETWEEN PARALLEL REINFORCING BARS SHALL BE 1.4 TIMES THE BAR DIAMETER, 1.4 TIMES THE MAX. AGGREGATE SIZE OR 30mm WHICHEVER IS GREATER. PROVIDE 75mm MINIMUM LAPPED REBAR CLEARANCE FOR CONCRETE VIBRATOR ACCESS.
3. DEVELOPMENT LENGTHS AND LAP SPLICES SHALL BE IN ACCORDANCE WITH THE REINFORCING STEEL INSTITUTE OF CANADA, MANUAL OF STANDARD PRACTICE UNLESS INDICATED OTHERWISE. ALL LAP SPLICES SHALL BE CLASS 'B' TENSION LAP SPLICES AND CLASS 'B' TENSION LAP SPLICES SHALL BE PROVIDED FOR ALL SHRINKAGE AND TEMPERATURE BARS. WHERE TWO BARS OF DIFFERENT DIAMETERS ARE LAPPED, PROVIDE CLASS 'B' TENSION LAP LENGTH CORRESPONDING TO THE SMALLER BAR BUT NO LESS THAN FULL TENSION DEVELOPMENT LENGTH OF THE LARGER BAR.
4. PROVIDE EMBEDMENT LENGTH FOR FULL TENSION DEVELOPMENT IN ACCORDANCE WITH CSA A23.3
5. DEVELOPMENT LENGTH AND SPLICE LENGTH FOR FY = 400MPa AND F'C=35MPa TO BE AS PER TABLE BELOW, UNLESS OTHERWISE SHOWN ON DRAWINGS.

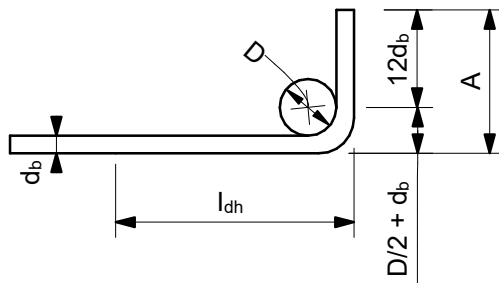
		fc' = 35MPa		fy = 400MPa			
BAR SIZE	TENSION STEEL				COMPRESSION STEEL		
	HORIZONTAL TOP BARS*		ALL OTHER BARS**				
	DEVELOPMENT	SPLICES	DEVELOPMENT	SPLICES	DEVELOPMENT	LAP SPLICES	
(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	
10	360	470	280	370	200	330	
15	510	670	390	510	290	470	
20	620	810	480	630	350	590	
25	1000	1300	770	1010	450	740	
30	1190	1550	910	1190	530	880	
35	1420	1850	1090	1420	630	1050	
45	-	-	-	-	800	-	

REFERENCE: CAN/CSA A23.3-14
db= MAX. OF NORMAL AND ACTUAL BAR DIAMETER
* HORIZONTAL TOP BARS WITH MORE THAN 300mm OF FRESH CONCRETE POURED BELOW THE BARS. AND WALL HORIZONTAL REINFORCEMENT.
** HORIZONTAL BARS WITH NOT MORE THAN 300mm OF FRESH CONCRETE POURED BELOW THE BARS, VERTICAL BARS.

6. STANDARD 90° HOOK TO CONFORM TO A23.3 AND THE FOLLOWING TABLE, WHICHEVER IS MORE STRINGENT, UNLESS OTHERWISE SHOWN ON DRAWINGS.

STANDARD 90° HOOK DIMENSION

fc' = 35MPa		fy = 400MPa	
BAR SIZE	D***	A	l _{db} ****
d _b			
(mm)	(mm)	(mm)	(mm)
10M	70	190	150
15M	100	260	190
20M	120	320	240
25M	150	410	300
30M	250	520	360
35M	300	620	430



90° HOOK SEE A23.3
*** SEE A23.1, TABLE 16
**** SEE A23.3, §12.5.1, §12.5.3 (b) = 0.7x100d_b / f_c^{0.5} > 150 OR 8 d_b.

STRUCTURAL STEEL:

1. THE DESIGN AND CONSTRUCTION OF ALL WORK IN THIS PROJECT SHALL CONFORM TO THE APPLICABLE EDITION OF CAN/CSA-S16.
2. ALL SHOP CONNECTIONS SHALL BE WELDED. ALL FIELD CONNECTIONS SHALL BE WELDED OR BOLTED USING HIGH TENSILE-STRENGTH BOLTS, BEARING TYPE. WHERE APPLICABLE, AND UNLESS NOTED OTHERWISE, CONNECTIONS SHALL BE CISC DOUBLE ANGLE BEAM CONNECTIONS FOR A325 BOLTS AND E49XX FILLET WELDS. MINIMUM SIZE OF BOLTS - M20 DIAMETER.
3. ALL WELDING SHALL BE CARRIED OUT IN ACCORDANCE WITH APPLICABLE EDITION OF FOLLOWING CSA STANDARDS:
- W47.1 FOR QUALIFICATIONS OF WELDERS
- W48.1 TO W48.7 FOR ELECTRODES
- W59 FOR DESIGN AND WORKMANSHIP
4. ALL COLUMN ENDS SHALL BE SAWCUT AND WELDED TO BASE/CAP PLATES.
5. ALL COLUMNS TO HAVE ANGLES AT TOP TO SUPPORT STEEL DECK WHERE REQUIRED.
6. BRACING MEMBERS SHALL BE CONNECTED FOR THE FOLLOWING (WHICHEVER IS LARGER):
- 50% OF THE NOMINAL TENSION CAPACITY OF THE MEMBER BASED ON GROSS AREA
- FORCES AS SHOWN ON THE DRAWINGS
- A MINIMUM OF TWO BOLTS
7. FOR DOUBLE-ANGLE BRACING (E.G. CROSS-BRACING), ANGLES SHALL HAVE INTERCONNECTING BATTENS AND/OR SPACERS SUCH THAT SLENDERNESS RATIO OF INDIVIDUAL ANGLES (BASED ON LEAST RADIUS OF GYRATION OF INDIVIDUAL ANGLES) DOES NOT EXCEED SLENDERNESS RATIO OF BUILT-UP (DOUBLE-ANGLE) MEMBER.
8. THE CONTRACTOR SHALL SUPPLY, INSTALL, MAINTAIN AND REMOVE ANY TEMPORARY BRACING REQUIRED DURING CONSTRUCTION.
9. FORCES ARE DESIGNATED BY (+) FOR TENSION AND (-) FOR COMPRESSION.
10. CONNECTIONS FOR BEAMS, GIRDERS AND JOISTS SUBJECT TO AXIAL FORCES SHALL BE DESIGNED FOR THE AXIAL FORCES IN ADDITION TO THE SHEAR FORCES, MOMENT FORCES/EFFECTS AND TORSION FORCES/EFFECTS. FORCES INDICATED ARE FACTORED AND IN KN. MOMENTS AND TORSIONS INDICATED ARE FACTORED AND IN KN-m.
11. ALL EXTERIOR STEEL, AND STEEL THAT IS NOT IN A TEMPERATURE AND HUMIDITY CONTROLLED ENVIRONMENT, SHALL BE HOT-DIPPED GALVANIZED (BOTH STRUCTURAL STEEL AND MISCELLANEOUS STEEL). THIS SHALL INCLUDE NUTS, BOLTS, WASHERS, BASE PLATES, LEVELING PLATES, ANCHOR BOLTS AND ANCHORS.
12. FILLER BEAMS AND JOISTS SHALL BE PLACED EQUALLY BETWEEN ESTABLISHED DIMENSIONS, UNLESS NOTED OTHERWISE.
13. PROVIDE WELDED STIFFENER PLATES ON BOTH SIDES OF THE WEB OF BEAMS AND GIRDERS AT POINTS OF CONCENTRATED LOAD, INCLUDING BEAMS AND GIRDERS SUPPORTING COLUMNS OR RUNNING OVER TOPS OF COLUMNS. MINIMUM STIFFENER PLATE THICKNESS SHALL BE 10 mm OR FLANGE THICKNESS OF COLUMNS ABOVE OR BELOW, WHICHEVER IS GREATER. MINIMUM SIZE OF WELD SHALL BE 5 mm DOUBLE FILLET WELD, OR SHALL BE SUFFICIENT TO DEVELOP THE FULL STRENGTH OF THE STIFFENER, WHICHEVER IS GREATER.
14. FOR LOCATIONS OF DOOR FRAMES, WALL OPENINGS, ROOF AND FLOOR OPENINGS, ETC., AND RELATED DETAILS, SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PROCESS & CIVIL DRAWINGS.
15. SHOWN ON PLANS DENOTES AXIAL LOADS ALONG BEAMS AND GIRDERS DUE TO WIND OR EARTHQUAKE LOADS. DESIGN BEAM-TO-BEAM, BEAM-TO-GIRDER AND GIRDER-TO-GIRDER CONNECTIONS, AS WELL AS BEAM-TO-COLUMN AND GIRDER-TO-COLUMN CONNECTIONS FOR THESE LOADS IN COMBINATION WITH APPLICABLE GRAVITY LOADS.
16. PERIMETER ROOF ANGLE SHALL BE CONTINUOUS AND BUTT WELDED TOGETHER AT JOINTS. ENSURE CONNECTION OF PERIMETER ANGLE TO SUPPORTING STRUCTURE IS SUFFICIENT TO RESIST MAXIMUM UNIT SHEAR FROM DECK DIAPHRAGM. REFER TO ROOF-DIAPHRAGM SHEAR DIAGRAM ON DRAWINGS
17. ALL WELDABLE REINFORCING STEEL ANCHORS SHALL BE WELDED TO BASE PLATES/BEARING PLATES TO FULLY DEVELOP BARS IN TENSION.
18. REFER TO SPECIFICATIONS FOR BEAM AND GIRDER CAMBER REQUIREMENTS.

ABBREVIATIONS:

2L	two angles	HP	high point
AB	anchor bolt	HS	high strength
ADD	addendum	ID	inside diameter
ADJ	adjacent	IE	invert elevation
AFF	above finished floor	IF	inside face
AHU	air handling unit	IN	inches
ALT	alternate	INCL	include
ANC	anchor	INFO	information
APPROX	approximate	JT	joint
ARCH	architectural	KN	kilnewton
ASTM	American Society for Testing and Materials	kNm	kilnewton meter
B/B	back to back	kPa	kilopascal
BC	bottom chord	L	length
BET	between	LB	pound
BLDG	building	LG	long
BLK	block	LL	live load
BM	beam	LLBB	long legs back-to-back
BOF	bottom of footing	LLH	long leg horizontal
BOS	bottom of steel	LLV	long leg vertical
BOT	bottom	LO	louver opening
BRG	bracing	LP	low point
BRCG	bearing	LS	louver sill
BRK	bracket	m	metre
BSMT	basement	MACH	machine
CA	column above	MAX	maximum
CB	column below	MECH	mechanical
C/C	center to center	MEZZ	mezzanine
CERT	certified	MFR	manufacturer
CHKD PL	checkered plate	MIN	minimum
CIP	cast in place	MISC	miscellaneous
CJ	construction joint	mm	millimetre
CL	centerline	MT	metric ton
CLJ	control joint	NIC	not in contract
CLR	clear	NO	number
COL	column	NTS	not to scale
CONC	concrete	O/O	out to out
CONN	connection	OPNG	opening
CONSTR	construction	OPP	opposite
CONT	continuation (continuous)	PC	piece
CONTR	contractor	PEN	penetration
CSA	Canadian Standards Association	PL	plate
CT	cooling tower	PROJ	projection
CTR	center	PSF	pounds per square foot
CW	complete with	PSI	pounds per square inch
DET	detail	RCB	reinforced concrete beam
DIA	diameter	REF	reference
DIAG	diagonal	REINF	reinforcement
DIM	dimension	REMV	removable
DL	dead load	REQD	required
DO	door opening	RR	railroad
DWG	drawing	R/W	reinforced with
DWL	dowel	SCH	schedule
EA	each	SECT	section
EF	each face	SIM	similar
EL	elevation	SOG	slab on grade
ELEC	electrical	SP	space
EMB	embedment	SPEC	specifications
EQ	equal	SQ	square
EQPT	equipment	SSC	structural steel contract
EW	each way	STAGG	staggered
EXP	expansion	STD	standard
EX	existing	STIFF	stiffener
EXT	exterior	STL	steel
FDN	foundation	STRU	structural
FDNC	foundation contract	SYM	symmetrical
FIN	finish	t	thickness
FL	floor	T	tread
FLG	flange	T&B	top and bottom
FT	feet	TC	top chord
FTG	footing	TEMP	temperature
FUT	future	THK	thick
GA	gauge	TL	total load
GC	general contract	TOF	top of footing
GALV	galvanized	TOS	top of steel
GENL	general	TYP	typical
GOL	gauge outstanding leg	UON	unless otherwise noted
GR	grade	VERT	vertical
GRT	grating	VIF	vertical inside face
H	high	VOF	vertical outside face
HEF	horizontal each face	W	width (wide)
HGR	hanger	W	width
HGT	height	W/O	without
HH	hooked-hooked	WP	working point
HIF	horizontal inside face	WPL	wall plate
HOF	horizontal outside face	WS	water stop
HORIZ	horizontal	WT	weight
		WWF	welded wire fabric

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PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

DRAWN BY: G. POULOU	CHECKED BY: M. FAYAZI
PROJECT MGR: N. FRISIC	APPROVED BY: K. ANGER

SHEET TITLE

STRUCTURAL - GENERAL
NOTES, SYMBOLS &
ABBREVIATIONS

SHEET NUMBER	ISSUE
G03-GAL-G2002	E

CONTROLS POINT FUNCTION ABBREVIATION						
FIRST LETTER		SECOND LETTER		THIRD LETTER		FOURTH LETTER
A	AIR	A	H-O-A STATUS	H	HIGH	
C	COMPRESSED GAD	C	CLOSE	L	LOW	
D	DAMPER	E	VOLTAGE	X	TRASMITTER	
E	EQUIPMENT	F	FIRE (ALARM) SMOKE	Z	INDICATING TRANSMITTER	
G	NATURAL GAS	FL	FLOW	D	DIFFERENTIAL	
L	LIQUID	H	HUMIDITY			
S	STEAM	I	CURRENT			
V	VALVE	L	LEVEL			
M	MISCELLANEOUS	O	OPEN			
		OL	OVERLOAD			
		OR	OVERRIDE			
		P	PRESSURE			
		SS	START / STOP			
		ST	STATUS			
		T	TEMPERATURE			
		V	VELOCITY / SPEED			
		WT	WINDING TEMPERATURE			
		X	POSITION			
		Y	SERIAL COMM'S			

BMS POINT
NOTE: IF AN INSTRUMENT IS NOT DESIGNATED AS A TRANSMITTER "X" OR AN INDICATING TRANSMITTER "Z", IT IS A SENSOR OR SWITCH, DEPENDING ON POINT TYPE.

XX - YYYY

POINT FUNCTION ABBREVIATION
POINT TYPE

AI: ANALOG INPUT
AO: ANALOG OUTPUT
DI: DIGITAL INPUT
DO: DIGITAL OUTPUT
HW: HARDWIRED
SC: SERIAL COMMUNICATION

e.g. DO - ESS

START / STOP
EQUIPMENT
DIGITAL OUTPUT

GENERAL NOTES						
1. FOR ROOF OPENING AND ROOF CURB DETAILS SEE ARCHITECTURAL DRAWINGS. 2. ALL FRESH AIR OR EXHAUST AIR LOUVRES IN BUILDING WALLS BY GENERAL TRADES UNLESS OTHERWISE NOTED. FOR DETAILS SEE ARCHITECTURAL DRAWINGS. 3. ALL STORM COLLAR FLASHINGS BY MECHANICAL FOR DETAILS OF FLASHINGS SEE ARCHITECTURAL DRAWINGS. 4. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND MEASUREMENTS AT THE SITE AND REPORT TO THE OWNER'S REPRESENTATIVE ANY DISCREPANCIES OR UNSATISFACTORY CONDITIONS WHICH MAY ADVERSELY AFFECT THE PROPER COMPLETION OF THE WORK. 5. DIMENSIONS SHOWN ARE FOR PREFERRED LOCATION AND GENERAL ARRANGEMENT OF MECHANICAL SYSTEMS. IT SHALL REMAIN THE CONTRACTORS RESPONSIBILITY TO ENSURE OVERALL COORDINATION OF HIS WORK WITH OTHER TRADES. SHOULD DEVIATION FROM LOCATIONS SHOWN ON DRAWINGS BECOME NECESSARY DUE TO CONFLICTS WITH OTHER TRADES OR LOCAL PROBLEMS THEY MUST BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO PROCEEDING WITH WORK. 6. THIS IS THE STANDARD SHEET FORM NOT ALL ITEMS ARE ASSOCIATED WITH THIS PROJECT. 7. ALL EXISTING SERVICES TO REMAIN UNLESS NOTED OTHERWISE. 8. ALL SYSTEMS TO REMAIN FUNCTIONAL UNLESS PERMISSION FOR SHUTDOWN IS GRANTED BY THE OWNER.						
GENERAL NOTES: PLUMBING & DRAINAGE						
1. ALL SANITARY DRAINS NPS 4 SIZE & LARGER SHALL SLOPE AT 1.0%. ALL SANITARY DRAINS NPS 3 & SMALLER SHALL SLOPE AT 2%. 2. ALL PLUMBING, DRAINAGE & VENTING SHALL BE IN CONFORMANCE WITH PART 7 OF THE O.B.C. AND IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR. 3. ALL VENTING AND TRAP SEAL PRIMER NOT SHOWN BUT REQUIRED, SHALL BE BY PLUMBING CONTRACTOR. 4. ALL DOMESTIC COLD AND HOT WATER PIPING SHALL BE THERMALLY INSULATED. 5. ALL ABOVE GROUND HORIZONTAL RAIN WATER LEADER AND STORM DRAIN SHALL BE THERMALLY INSULATED.						
GENERAL NOTES: FIRE PROTECTION						
1. ALL MATERIAL SHALL BE UNDERWRITER'S LABORATORIES OF CANADA (ULC) LISTED AND SHALL COMPLY WITH THE OWNER'S INSURER'S STANDARDS AND REQUIREMENTS AND LOCAL AUTHORITIES HAVING JURISDICTION. 2. FIRE PROTECTION CONTRACTOR TO COORDINATE ON SITE WITH OTHER TRADES BEFORE ANY WORK IS DONE. ANY SERVICE RELOCATION DUE TO INSUFFICIENT COORDINATION TO BE DONE AT NO EXTRA COST TO THE OWNER. BEFORE PROCEEDING WITH WORK, DUCTWORK, PIPING AND ELECTRICAL DRAWINGS TO BE STUDIED BY FIRE PROTECTION CONTRACTOR. SHOP DRAWINGS TO REFLECT COORDINATED ELEVATIONS. 3. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR SIZE AND LOCATION OF DUCTWORK, PIPING, AND LIGHTING FIXTURES, ETC. 4. DETAILED FIRE PROTECTION DESIGN SHOP DRAWINGS TO BE STAMPED BY PROFESSIONAL ENGINEER LICENSED IN ONTARIO AND TO BE SUBMITTED TO CONSULTANT AND AUTHORITY HAVING JURISDICTION FOR REVIEW. 5. PROVIDE TYPE ABC FIRE EXTINGUISHERS AS PER ONTARIO FIRE CODE. FINAL LOCATION TO BE COORDINATED ON FIELD. 6. FIRE PROTECTION CONTRACTOR TO PROVIDE PIPE HANGERS AS PER NFPA 13. 7. FIRE PROTECTION SYSTEM SHALL BE SUPPLIED AND INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF NFPA 13. 8. CONTRACTOR TO CONDUCT FLOW TEST AND USE THE RESULTS FOR HYDRAULIC CALCULATIONS. 9. HYDRAULIC CALCULATION SHALL START AT FIRE MAIN BUILDING CONNECTION. MAXIMUM SYSTEM PRESSURE TO BE 35KPA (5 PSI) LESS THAN THE PRESSURE TEST RESULT AT REQUIRED FLOW RATE, TO ACCOUNT FOR FUTURE FLUCTUATION IN WATER SUPPLY PRESSURE. 10. PIPE DIMENSIONS TO BE DETERMINED BY THE RESULTS OF HYDRAULIC CALCULATION. 11. SPRINKLER SYSTEMS TO BE HYDRAULICALLY DESIGNED TO DELIVER THE DENSITIES OVER THE MOST REMOTE AREA AS LISTED IN THE SCHEDULE 12. SPRINKLER COVERAGES INDICATED ARE TO BE CONFIRMED BY FIRE PROTECTION CONTRACTOR. 13. PROVIDE SPRINKLER PROTECTION UNDER ALL PLATFORMS INCLUDING BUT NOT LIMITED TO CONVEYORS, STAIRS, CATWALKS, SHELVING PLATFORMS, OVERHEAD DOORS, MEZZANINES, DUCTS OR ANY OBSTRUCTIONS WIDER THAN 1200MM. 14. SPRINKLER SHOWN ARE FOR COORDINATION PURPOSE ONLY. FINAL LOCATION OF THE SPRINKLERS TO BE DETERMINED BY FIRE PROTECTION CONTRACTOR BASED ON HYDRAULIC CALCULATIONS. 15. USE UPRIGHT SPRINKLER IN SPACE WITHOUT CEILING. 16. LOCATE SPRINKLER HEADS IN THE CENTRE OF CEILING TILES. 17. SPRINKLER HEAD LOCATION TO BE COORDINATED WITH ARCHITECT PRIOR TO SHOP DRAWING PRODUCTION. 18. PIPING AND SPRINKLER HEADS MARKED FOR DEMOLITION TO BE REMOVED AND DISPOSED OF FROM SITE UNLESS OTHERWISE NOTED. 19. REFER TO EXISTING SHOP DRAWINGS. 20. ALL EXISTING SPRINKLERS TO BE ADJUSTED TO SUIT NEW BUILDING LAYOUT IN ACCORDANCE WITH NFPA 13. 21. PROVIDE FIRE WATCH DURING SHUT DOWN.						
GENERAL NOTES: HVAC						
1. ALL DUCTWORK TO BE INSTALLED TO LOW-PRESSURE DUCTWORK TO S.M.A.C.N.A. STANDARDS. 2. DUCTWORK: FABRICATED OF PRIME QUALITY GALVANIZED STEEL SHEETS WITH Z275 (G90) DESIGNATION ZINC COATING TO ASTM A653/A653M 3. ALL DUCTWORK C/W SEAL CLASS 'A' AS PER S.M.A.C.N.A. STANDARDS. 4. ALL EXHAUST DUCTWORK SHALL BE THERMALLY INSULATED FOR 1500mm BEFORE EXITING THE BUILDING ENVELOPE. 5. ALL FLEXIBLE DUCT TO BE MAXIMUM 3000MM LONG AND INSULATED. 6. ALL SUPPLY AIR DUCTWORK INSIDE CEILING SPACE SHALL BE THERMALLY INSULATED. 7. ALL REFRIGERANT LINES SHALL BE THERMALLY INSULATED. 8. ALL CONDENSATE DRAIN SHALL BE THERMALLY INSULATED. 9. ALL CONTROL WIRING SHALL BE FT-6 RATED.						

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PROJECT MGR: N. FRISCIC	APPROVED BY: S. LIU

SHEET TITLE
MECHANICAL LEGEND
SHEET 2 OF 2

SHEET NUMBER G03-GAL-G3002	ISSUE D
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MOUNTING HEIGHTS SCHEDULE		
MOUNTING HEIGHTS TO TOP OF DEVICE. ALL DIMENSIONS ARE ABOVE FINISHED FLOOR (AFF) UNLESS NOTED OTHERWISE.		
LIGHT SWITCH	— — — — —	1050mm
RECEPTACLE - FINISHED AREAS	— — — — —	460mm
RECEPTACLE - UNFINISHED AREAS	— — — — —	1050mm
RECEPTACLE - ABOVE COUNTER	— — — — —	300mm
DATA OUTLET - FINISHED AREA	— — — — —	460mm
DATA OUTLET - UNFINISHED AREA	— — — — —	1050mm
FIRE ALARM MANUAL PULL STATION	— — — — —	1200mm
FIRE ALARM HORN/STROBE	— — — — —	2460mm
FIRE ALARM STROBE	— — — — —	2460mm
FIRE ALARM END OF LINE DEVICE	— — — — —	1500mm
FIRE ALARM HEAT DETECTOR	— — — — —	CEILING
FIRE ALARM SMOKE DETECTOR	— — — — —	CEILING
FIRE ALARM REMOTE ANNUNCIATOR	— — — — —	2000mm
PANEL	— — — — —	2000mm
CONTROL PANEL	— — — — —	2000mm
MOTOR STARTER	— — — — —	1800mm
DISCONNECT SWITCH	— — — — —	1800mm
PUSH BUTTON STATION	— — — — —	1050mm
DOOR ACCESS CONTROL CARD READER	— — — — —	1050mm
VIDEO INTERCOM	— — — — —	AS PER MANUF. INSTRUCTION
DOOR BY-PASS KEYED SWITCH	— — — — —	1050mm
BATTERY OPERATED EMERGENCY LIGHT	— — — — —	2700mm
EMERGENCY LIGHT BATTERY UNIT	— — — — —	2700mm
THERMOSTAT	— — — — —	1200mm
MOUNTING HEIGHTS AS APPLICABLE		

GENERAL NOTES:

1. PROVIDE 1-#6 GND WIRE FOR ALL UNDERGROUND EMPTY CONDUITS AND COMMUNICATIONS CONDUITS WITHOUT METAL WIRING/CABLES TO FACILITATE FUTURE DETECTION.
2. NO SPLICES ARE ALLOWED FOR COMMUNICATION CABLES.
3. NO SPLICES ARE ALLOWED BELOW GRADE FOR POWER WIRE AND CABLE.
4. THERE MUST BE A BREAK IN ALL UNDERGROUND CONDUITS OUTSIDE THE BUILDING/TOWERS/ELECTRICAL/COMMUNICATIONS/BOILER ROOM TO ALLOW DRAINAGE OF RACEWAY BEFORE ENTERING THE ROOMS.
5. PROVIDE LAYOUT (WITH DIMENSIONS) OF ALL UNDERGROUND PULL POINTS INCLUDING HAND HOLES, MAN HOLES AND CONCRETE PULL BOXES TO THE CONSULTANT FOR APPROVAL PRIOR TO INSTALLATION.
6. INSTALL HAND HOLES AWAY FROM MAJOR TRAFFIC AREAS (TYPICAL).
7. PROVIDE HEAT TRACING PROTECTION FOR WATER PIPES, STORM PIPES AND SANITARY PIPES AS SHOWN ON ELECTRICAL DRAWINGS. REFER TO MECHANICAL DRAWINGS FOR PIPING LAYOUT. HEAT TRACING SHALL BE RAYCHEM MODEL #8XL-TRACE, 208V, 1PH, SELF REGULATING TRACING CABLE OR APPROVED EQUIVALENT, C/W POWER SUPPLY MODULE, THERMOSTAT AND ALL ACCESSORIES FOR A COMPLETE AND FUNCTIONING SYSTEM. STARTUP TEMPERATURE -29°C (-20°F).
8. WHERE CONDUITS ARE INSTALLED ACROSS EXPANSION JOINTS, PROVIDE CONDUITS WITH EXPANSION/CONTRACTION FITTINGS.
9. ELEVATOR FIRE ALARM AUTOMATIC RECALL:
ELEVATOR LOBBY MOUNTED FIRE DETECTORS AND SECURITY PANEL TO RECALL ELEVATORS TO DESIGNATED LEVEL UPON FIRE ALARM. SHOULD DETECTOR AT DESIGNATED LEVEL ELEVATOR LOBBY INDICATE FIRE, ELEVATOR TO BE DIRECTED TO ALTERNATE LEVEL. REFER TO ELEVATOR AUTOMATIC FIRE RECAL SCHEDULE. ELEVATOR CONTRACTOR TO COORDINATE WITH TSSA AND CONFIRM DESIGNATED/ALTERNATE LEVELS.
10. SMOKE DETECTOR AT TOP OF ELEVATOR SHAFT TO BE AIR SAMPLING SMOKE DETECTOR TYPE. INSTALL CONTROL UNIT IN A TAMPER PROOF ENCLOSURE (NEMA 4X) OUTSIDE OF ELEVATOR CLOSET. AIR SAMPLING SMOKE DETECTOR TO BE EST READY SET BY EDWARDS OR APPROVED EQUAL.
11. SITE PLAN DRAWINGS INDICATE UNDERGROUND POWER CONDUITS AND CORRESPONDING PULL POINTS (CONCRETE PULL BOXES, HAND HOLES OR MAN HOLES). WHERE OEC REQUIRES ADDITIONAL PULL POINTS FOR WIRING SEPARATION, PROVIDE ADDITIONAL CONCRETE PULL BOX (OR HAND HOLE) AS REQUIRED. IF AN ADDITIONAL MAN HOLE IS REQUIRED, IT IS PREFERRED TO PROVIDE AN ADDITIONAL HAND HOLE OR CONCRETE PULL BOX IF POSSIBLE.

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9119- 19- 0162 / Arcadis 30279056

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SHEET TITLE

ELECTRICAL GENERAL
NOTES

SHEET NUMBER

G03-G4002

ISSUE

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TYPICAL DETAILS BOOKLET

9119- 19- 0162 / Arcadis 30279056

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D1000	COVER PAGE & TYPICAL DETAIL LIST
D1001	ACCESSIBILITY DESIGN STANDARDS AND DOOR CLEARANCES
D1002	DOOR ENLARGEMENT
D1201	ACCESSIBLE WASHROOM, SHOWER & ACCESSORIES DETAILS
D1202	UNIVERSAL WASHROOM & SHOWER PLANS
D1203	UNIVERSAL WASHROOM ELEVATIONS
D1204	MULTI-STALL WASHROOM PLANS
D1205	UW - EMERGENCY CALL SYSTEM
D1301	KITCHEN MILLWORK PLANS & ELEVATIONS
D1302	KITCHEN MILLWORK DETAIL SECTIONS
D1303	KITCHEN HOOD VENT DETAIL
D1305	RECEPTION DESK MILLWORK PLANS & ELEVATIONS
D1306	RECEPTION DESK WITH TEMPERED GLASS DETAIL SECTIONS
D1401	STAIR DETAILS - 01
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D1701	ACCESSIBLE PARKING AND SITE MARKING DETAILS
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SHEET #	SHEET TITLE
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D3201	PLUMBING DETAILS
D3301	DRAINAGE DETAILS
D3401	FIRE PROTECTION DETAILS
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D3601	PIPING DETAILS SHEET 1 OF 2
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SHEET #	SHEET TITLE
D4001	ELECTRICAL DETAILS 1

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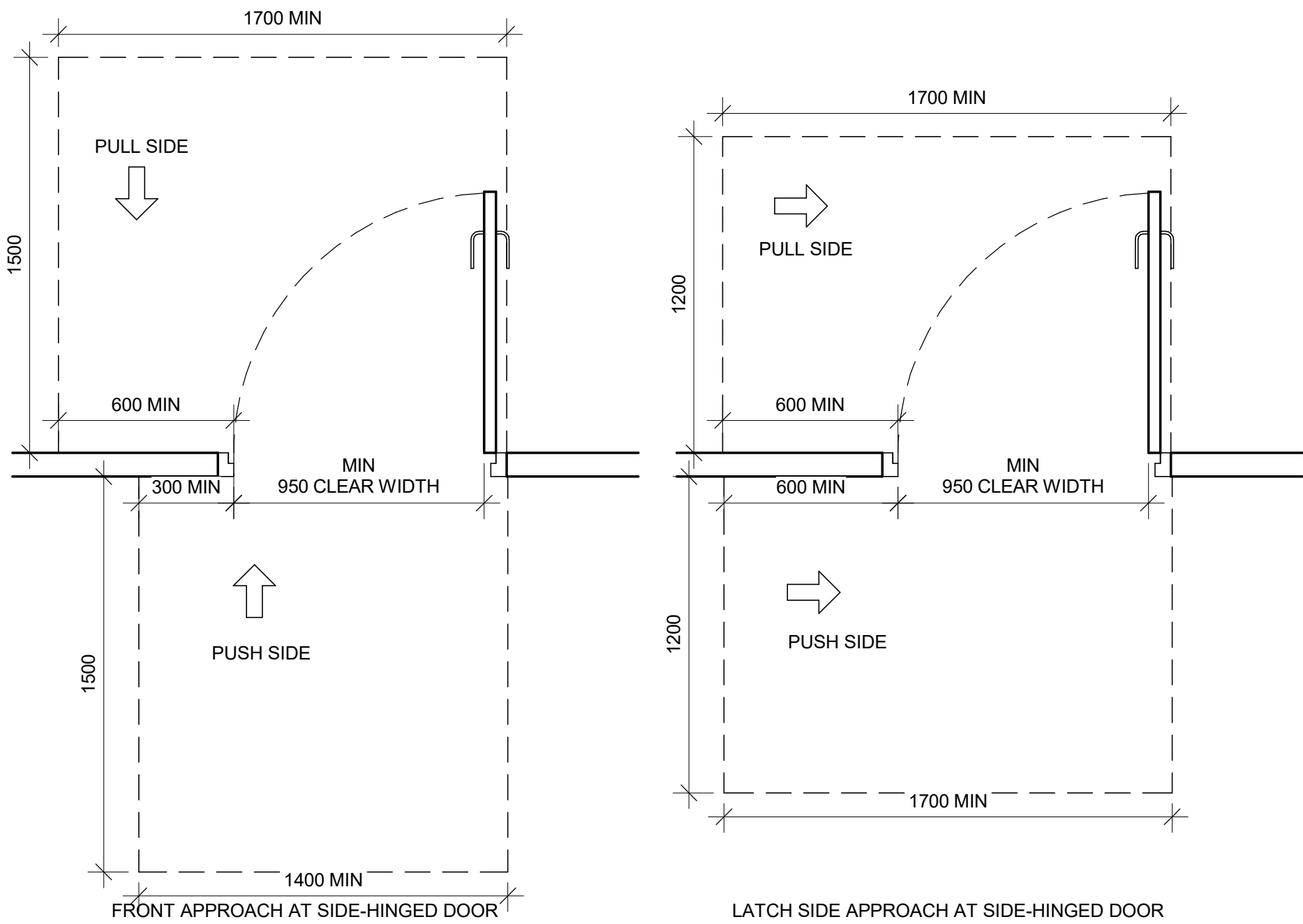
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SHEET NUMBER	ISSUE
D1000	A

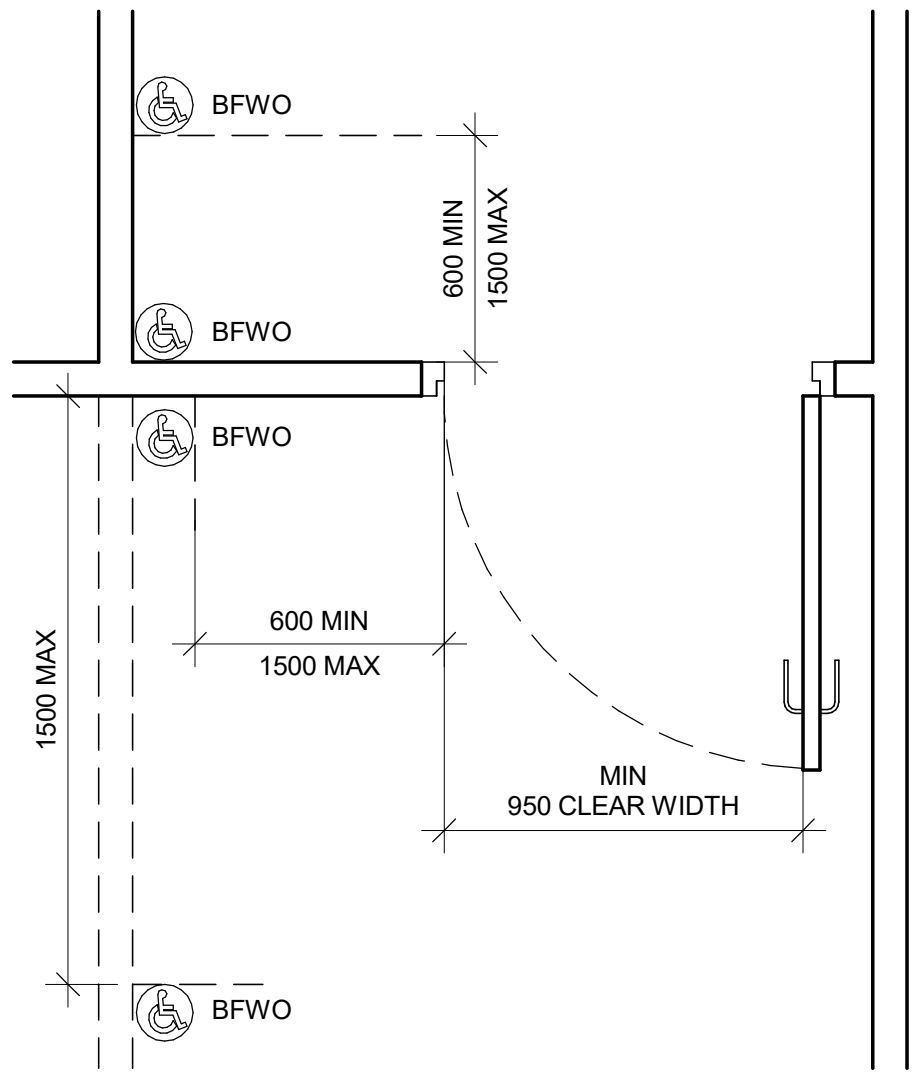
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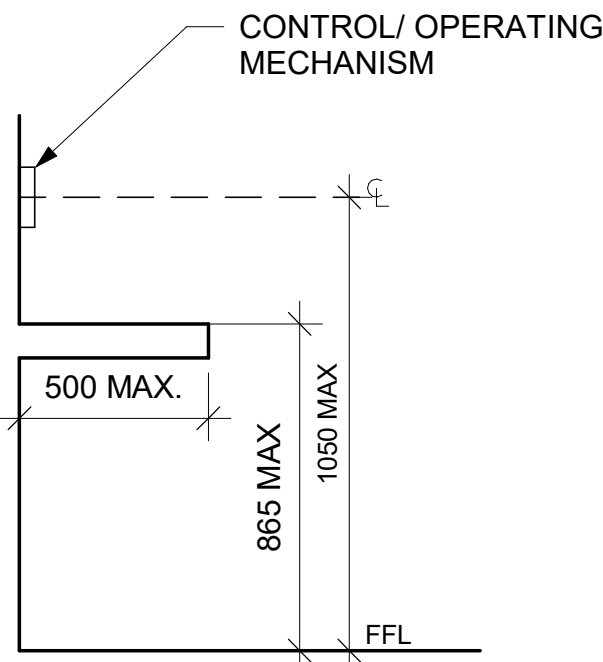
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Scale: NTS



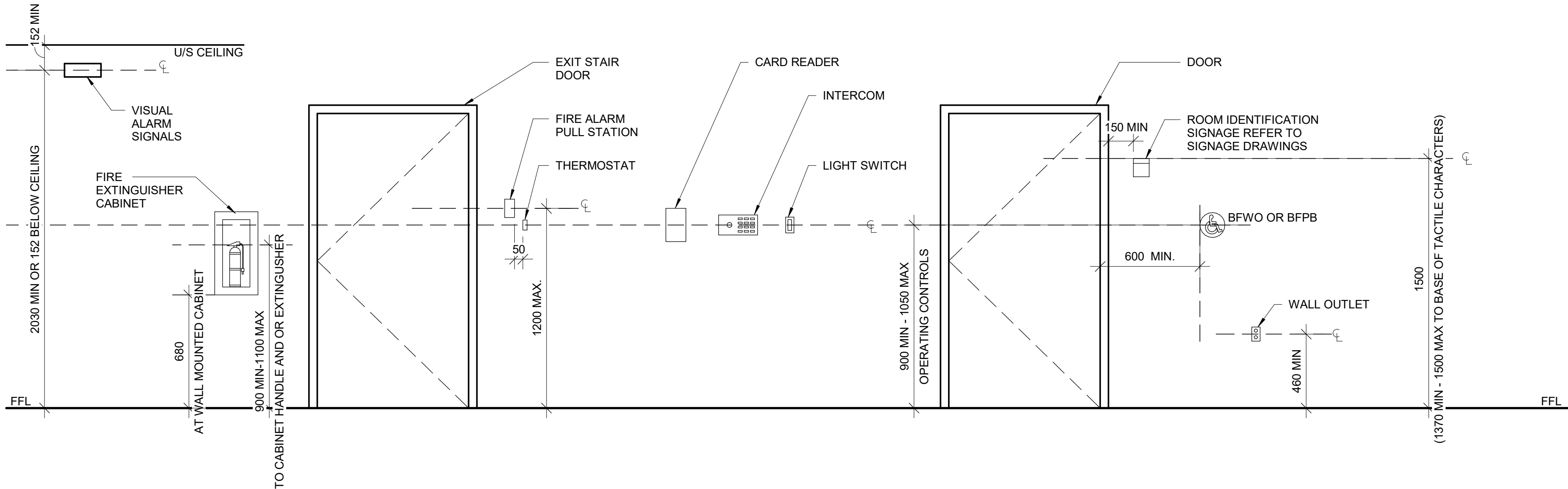
2 DOOR APPROACH CLEARANCES
D1001 Scale: 1 : 20



3 BARRIER-FREE WAVE TO OPEN LOCATION
D1001 Scale: 1 : 20



4 CONTROL HEIGHTS AT OBSTRUCTIONS
D1001 Scale: 1 : 20



5 MOUNTING HEIGHTS
D1001 Scale: 1 : 20

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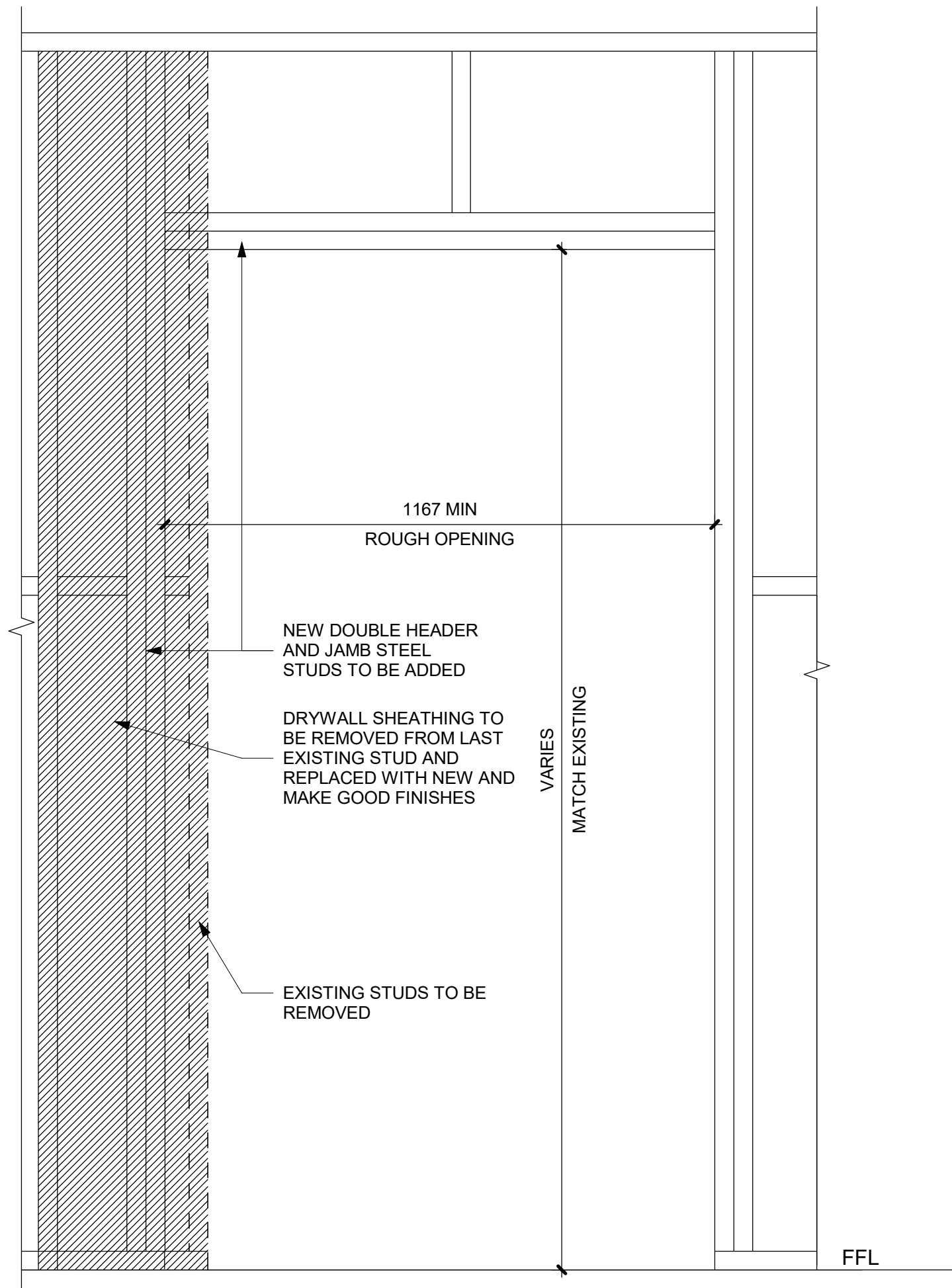
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**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

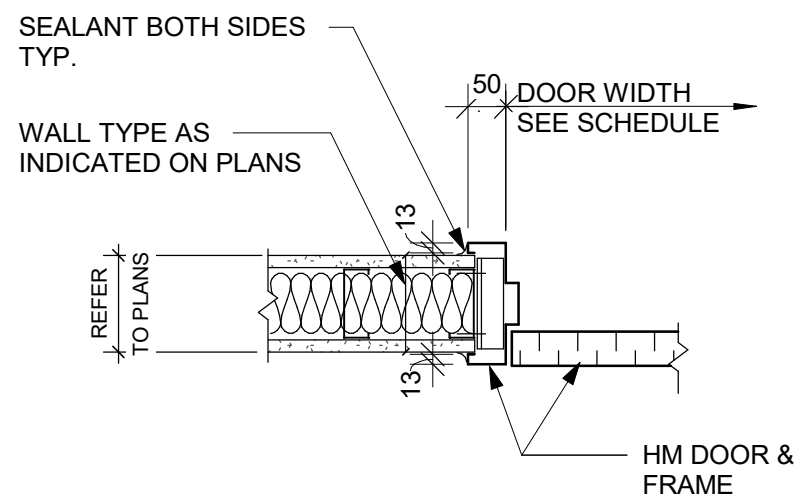
PROJECT NO:
9119- 19- 0162 / Arcadis 30279056
DRAWN BY:
A. BOYNARIAN
CHECKED BY:
L. BANDIERA
PROJECT MGR:
F. BOLOURIAN
APPROVED BY:
E. FENUTA

SHEET TITLE
**ACCESSIBILITY DESIGN
STANDARDS AND DOOR
CLEARANCES**

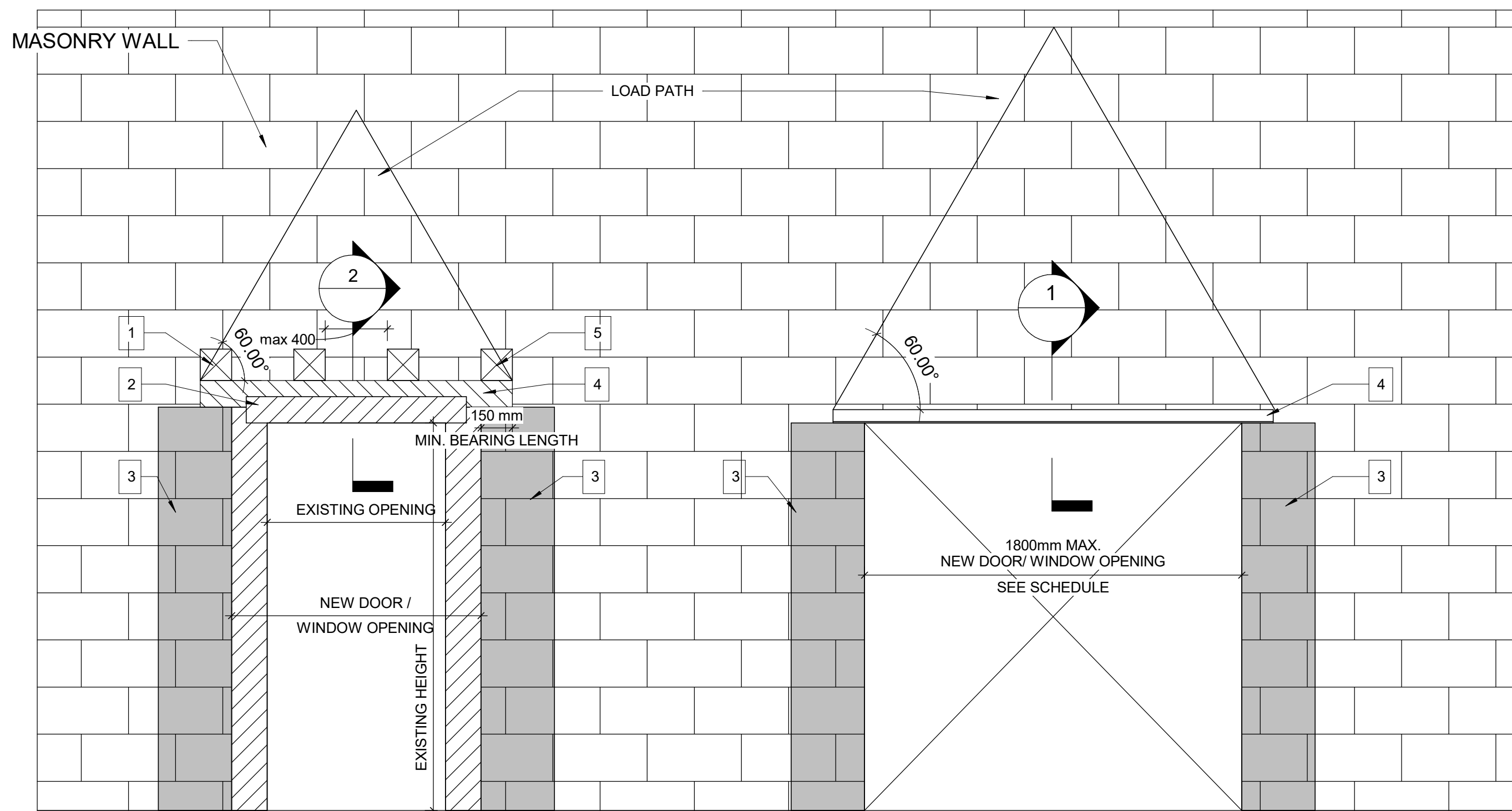
SHEET NUMBER
D1001
ISSUE
A



1 DRYWALL - DOOR CUTOUT DETAIL
D1002 Scale: 1 : 10



2 DRYWALL - DOOR JAMB SECTION DETAIL
D1002 Scale: 1 : 10



WIDENING AN EXISTING OPENING
IN EXISTING MASONRY WALL TYP.

PROPOSED SEQUENCE OF WORK

1	CREATE NEW 150x150mm HOLES @ 400mm INTO EXISTING MASONRY WALL AND SHORE THE WALL ABOVE, SEE DETAIL 1. OR SHORE THE WALL ABOVE BY USING 2 CHANNELS BACK TO BACK AND THROUGH BOLTS @350mm, SEE DETAIL 2
2	DEMOLISH THE EXISTING LINTEL, THE VOID FOR NEW BEAM AND THE WALL FROM EACH SIDE OF THE NEW OPENING
3	FILL TWO CORES MIN. OF EXISTING MASONRY WALL WITH GROUT EACH SIDE OF THE NEW OPENING, (DRILL HOLES TOP AND BOTTOM OF EACH CORE, INJECT GROUT, CLOSE HOLES WITH MORTAR AND MAKE GOOD SURFACE)
4	INSTALL NEW LINTEL. SEE LINTEL SCHEDULE FOR LINTEL SIZE
5	ADD MASONRY FACES AT LINTEL AND REPAIR MASONRY COURSE

3 WIDENING WALL OPENING
D1002 Scale: 1 : 20

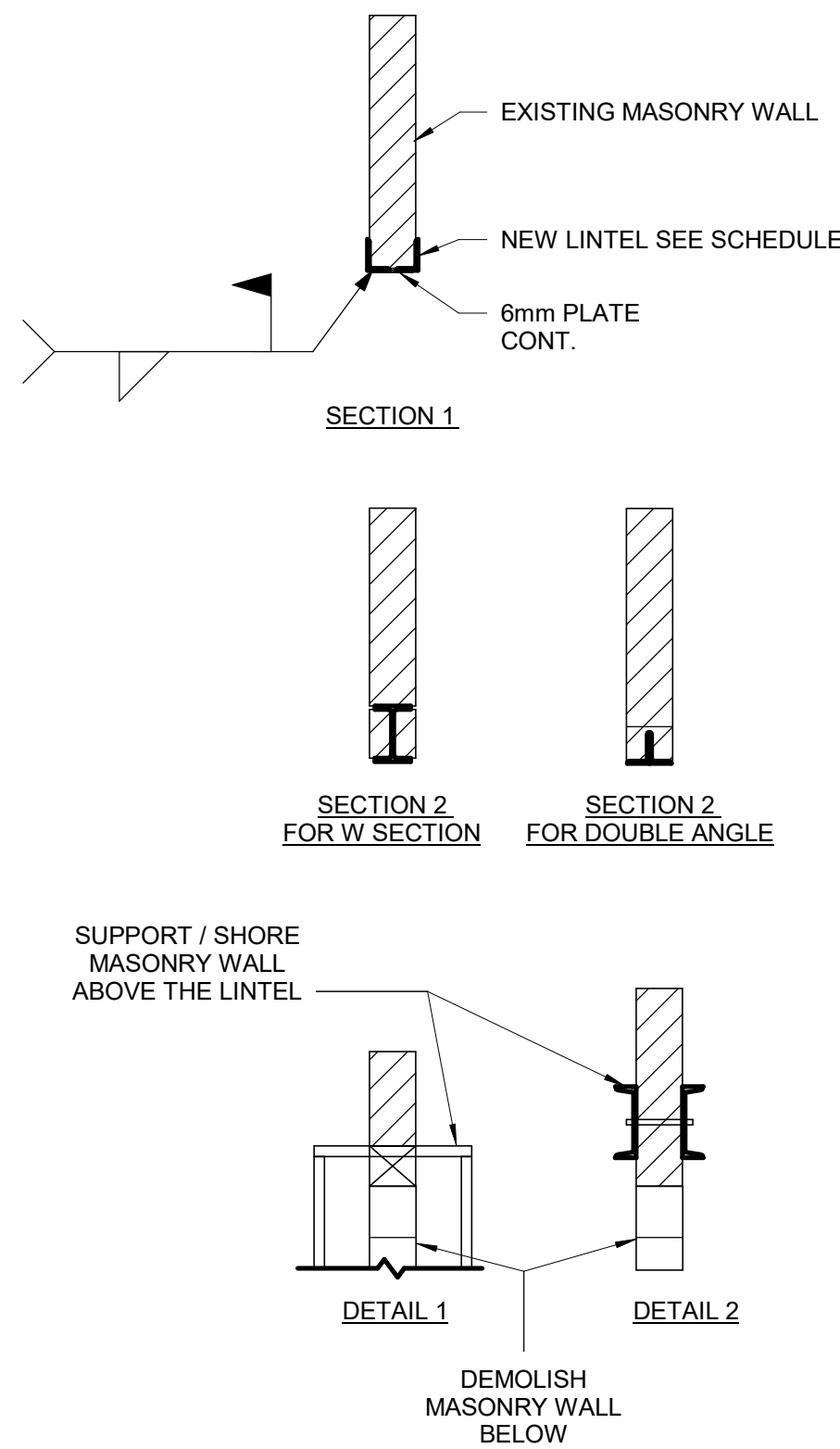
NEW DOOR/WINDOW OPENING
INTO EXISTING MASONRY WALL TYP.

LINTEL:

OVER ALL OPENINGS IN MASONRY WALLS PROVIDE THE FOLLOWING LINTELS.
UNLESS OTHERWISE SHOWN.

STEEL LINTELS

CLEAR SPAN mm (ft-in)	140 (6") WALL	190 (8") WALL	240 (10") WALL	290 (12") WALL	350 WALL	430 WALL
UP TO 1200 (4'-0")	L127x127x7.9	2-L89x89x7.9 +170x6mm PL	L89x89x7.9 +L127x89x7.9 LLV +220x6mm PL	3-L89x89x7.9 +270x6mm PL	3-L127x89x7.9 (LLV)	3-L127x127x7.9 +410x6mm PL
1201 TO 1800 (4'-0" - 6'-)	2-L89x64x6.4LLV	2-L127x89x7.9LLV	L127x89x7.9LLV +L127x127x7.9	3-L127x89x7.9LLV		
1801 TO 3100 (6'- 10")	2-L89x64x9.5LLV	2-L152x89x9.5LLV	2-L152x89x9.5LLV	3-L152x89x9.5LLV		



NOTE: FOR MASONRY WALL CUT OUT,
REFER TO STRUCTURAL DETAIL

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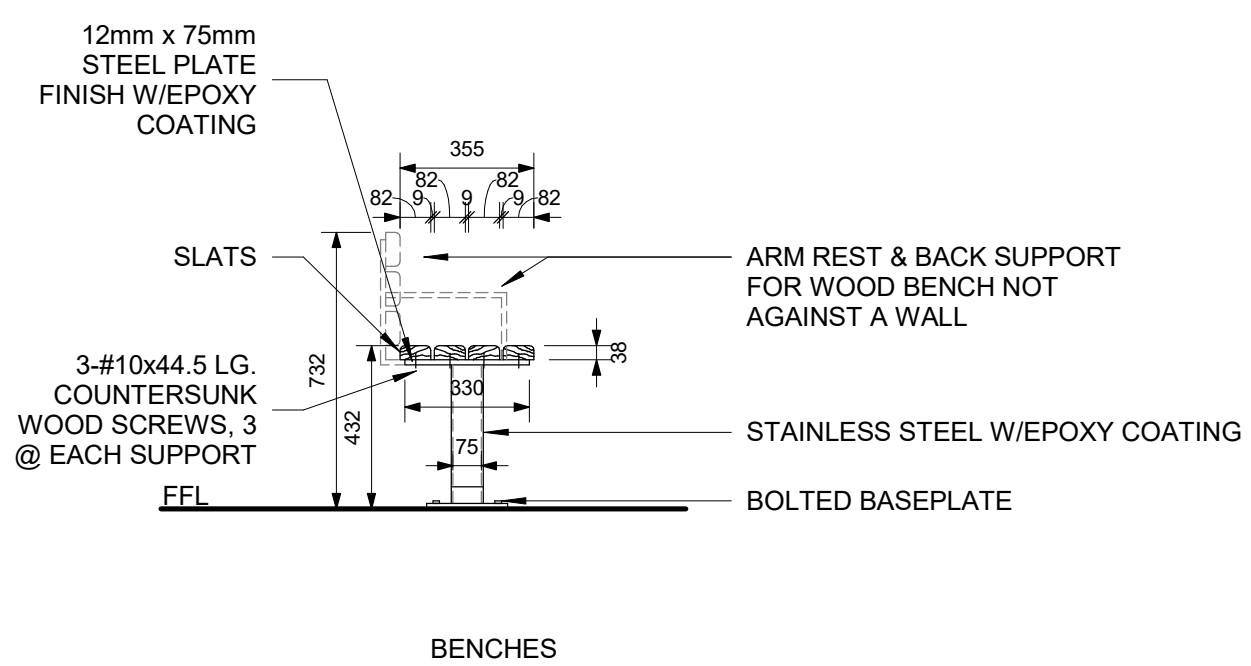
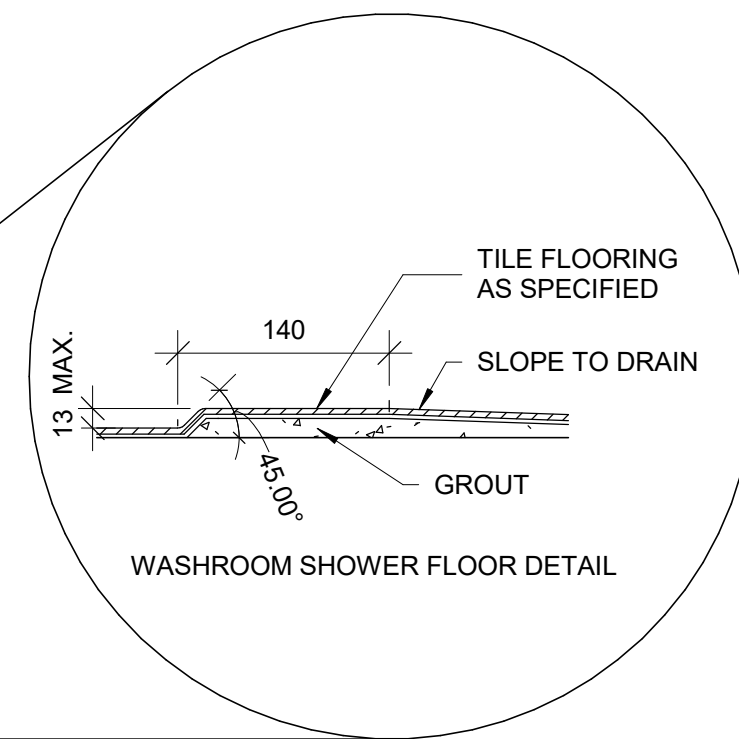
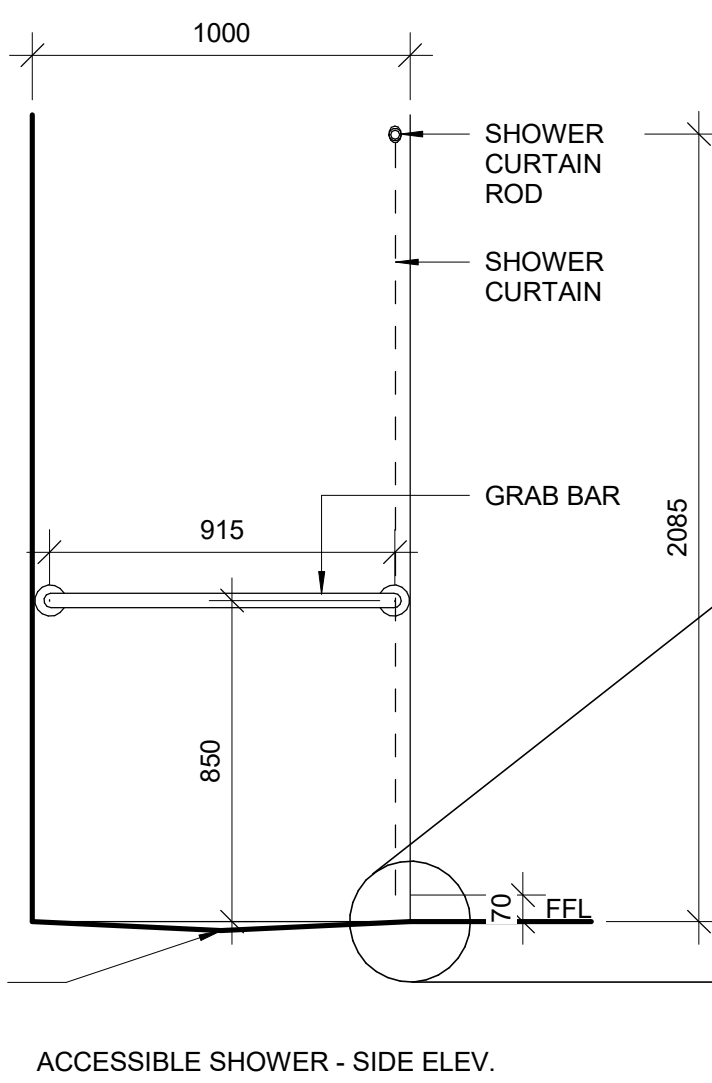
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DRAWN BY: A. BOYNARIAN	CHECKED BY: K. TILAHUN
PROJECT MGR: F. BOLOURIAN	APPROVED BY: E. FENUTA

SHEET TITLE
DRYWALL CUT OUT

SHEET NUMBER D1002	ISSUE A
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6 WASHROOM/CHANGEROOM BENCH
D1201 Scale: 1 : 20



Technical drawing of a wall-mounted accessible urinal. The drawing shows a side view of the urinal unit mounted on a wall. Key dimensions and components are labeled:

- Dimensions:**
 - Top horizontal distance: 480 MIN.
 - Distance from wall to urinal body: 50 MIN.
 - Distance from urinal body to grab bar: 380 MIN.
 - Distance from grab bar to control: 380 MIN.
 - Maximum distance from wall to urinal body: 450 MAX.
 - Maximum distance from grab bar to control: 450 MAX.
 - Vertical distance from urinal body to privacy screen: 300 MIN.
 - Vertical distance from urinal body to floor: 430 MAX.
 - Vertical distance from floor to control: 1000.
 - Vertical distance from floor to privacy screen: 275.
- Components:**
 - GRAB BAR:** A horizontal bar mounted on the wall, used for support.
 - CONTROL:** A lever or button used to operate the urinal.
 - PRIVACY SCREEN WHEN REQUIRED:** A vertical screen mounted on the wall, used for privacy.
 - WALL MOUNTED ACCESSIBLE URINAL:** The main unit of the urinal.
 - FFL:** Finished Floor Level, indicated by a horizontal line at the bottom.

5 ACCESSIBLE WASHROOM - URINAL
D1201 Scale: 1 : 20

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ACCESSIBILITY UPGRADES

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PROJECT NO:
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DRAWN BY: A. BOYNARIAN	CHECKED BY: K. TILAHUN
----------------------------------	----------------------------------

PROJECT MGR: F. BOLOURIAN	APPROVED BY: E. FENUTA
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SHEET TITLE

ACCESSIBLE
WASHROOM, SHOWER &
ACCESSORIES DETAILS

SHEET NUMBER	ISSUE
D1201	A

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DRAWN BY:

A. BOYNARIAN

CHECKED BY:

K. TILAHUN

PROJECT MGR:

F. BOLOURIAN

APPROVED BY:

E. FENUTA

SHEET TITLE

UNIVERSAL WASHROOM
ELEVATIONS

SHEET NUMBER

D1203

ISSUE

A

2025-04-11 10:39:53 AM

SCALE CHECK

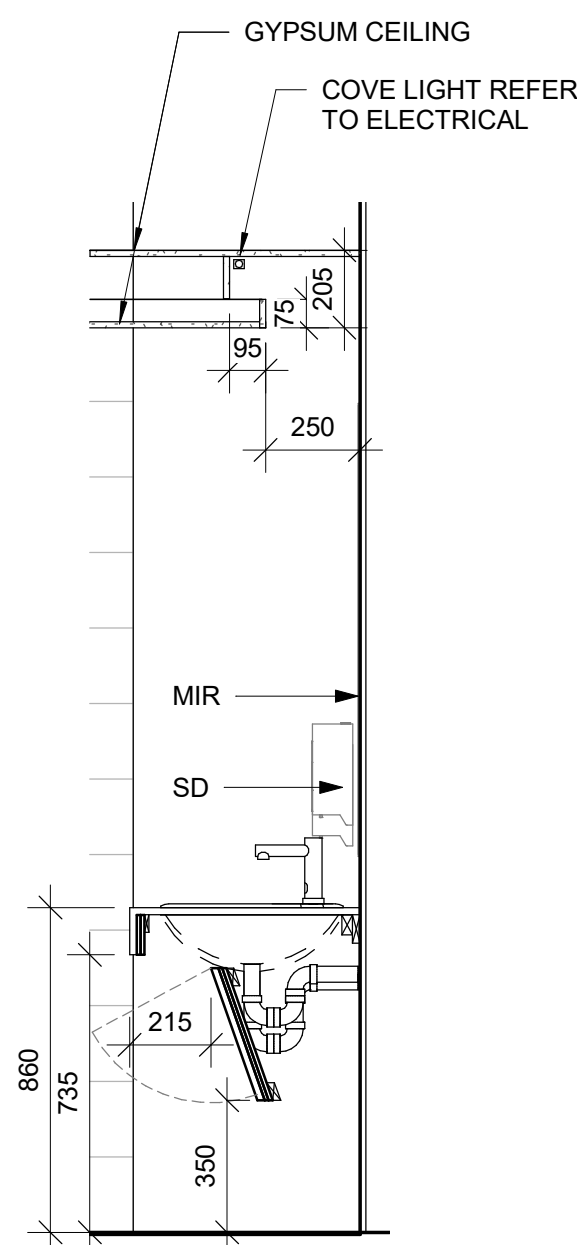
1 in

10mm

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- UNIVERSAL WASHROOM GENERAL NOTES:**
1. ALL DIMENSIONS ARE TAKEN FROM FINISH FLOOR SURFACE.
 2. MOISTURE RESISTANT GYPSUM BOARD TO BE PROVIDED IN ALL WASHROOMS AND LOCKER ROOMS.
 3. SEE STANDARD MOUNTING HEIGHT DETAILS 2/D1201, 3/D1201, 4/D1201 & 5/D1202
 4. WASHROOM ARRANGMENTS FOR ILLUSTRATION PURPOSES - REFER TO EACH BUILDING ENLARGED PLAN WASHROOM FOR EXACT ARRANGEMENT

3 SECTION THROUGH VANITY
D1204 Scale: 1 : 20

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PROJECT MGR: F. BOLOURIAN	APPROVED BY: E. FENUA

SHEET TITLE
WASHROOM VANITY
SECTION

SHEET NUMBER
D1204

ISSUE
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PROJECT MGR:
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APPROVED BY:
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SHEET TITLE

UNIVERSAL WASHROOM
EMERGENCY CALL
SYSTEM

SHEET NUMBER

D1205

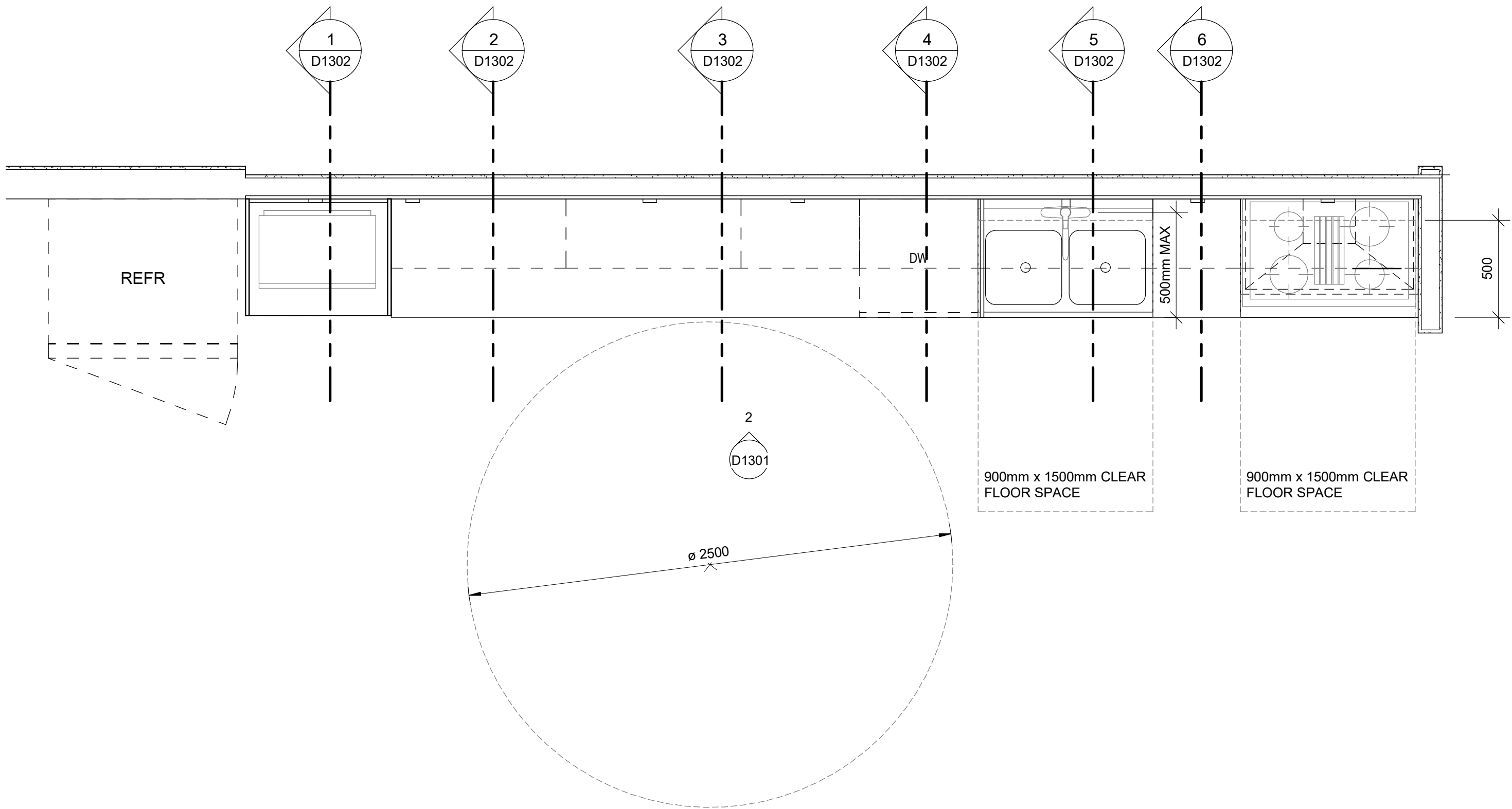
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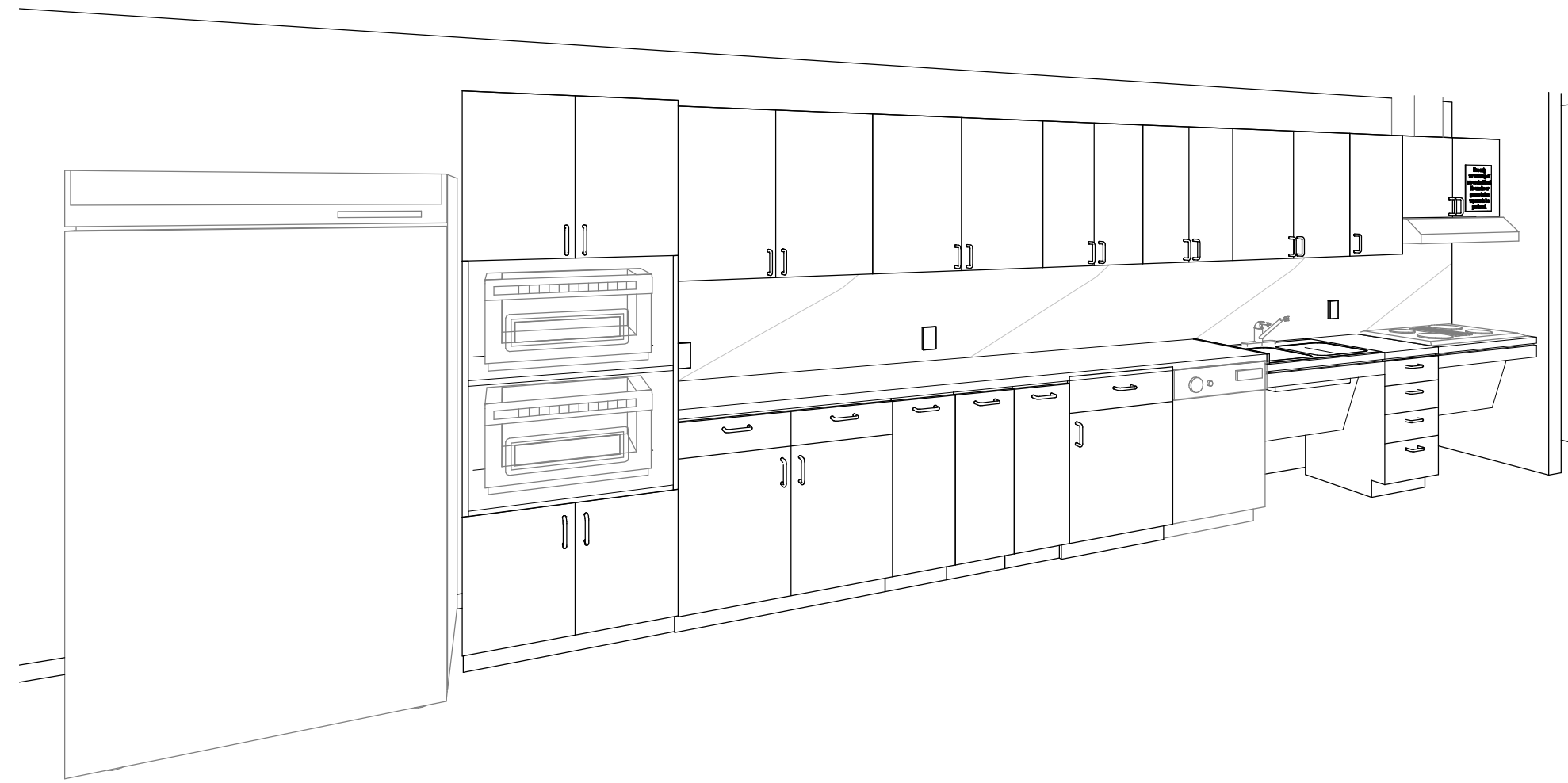
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SCALE CHECK
1 in

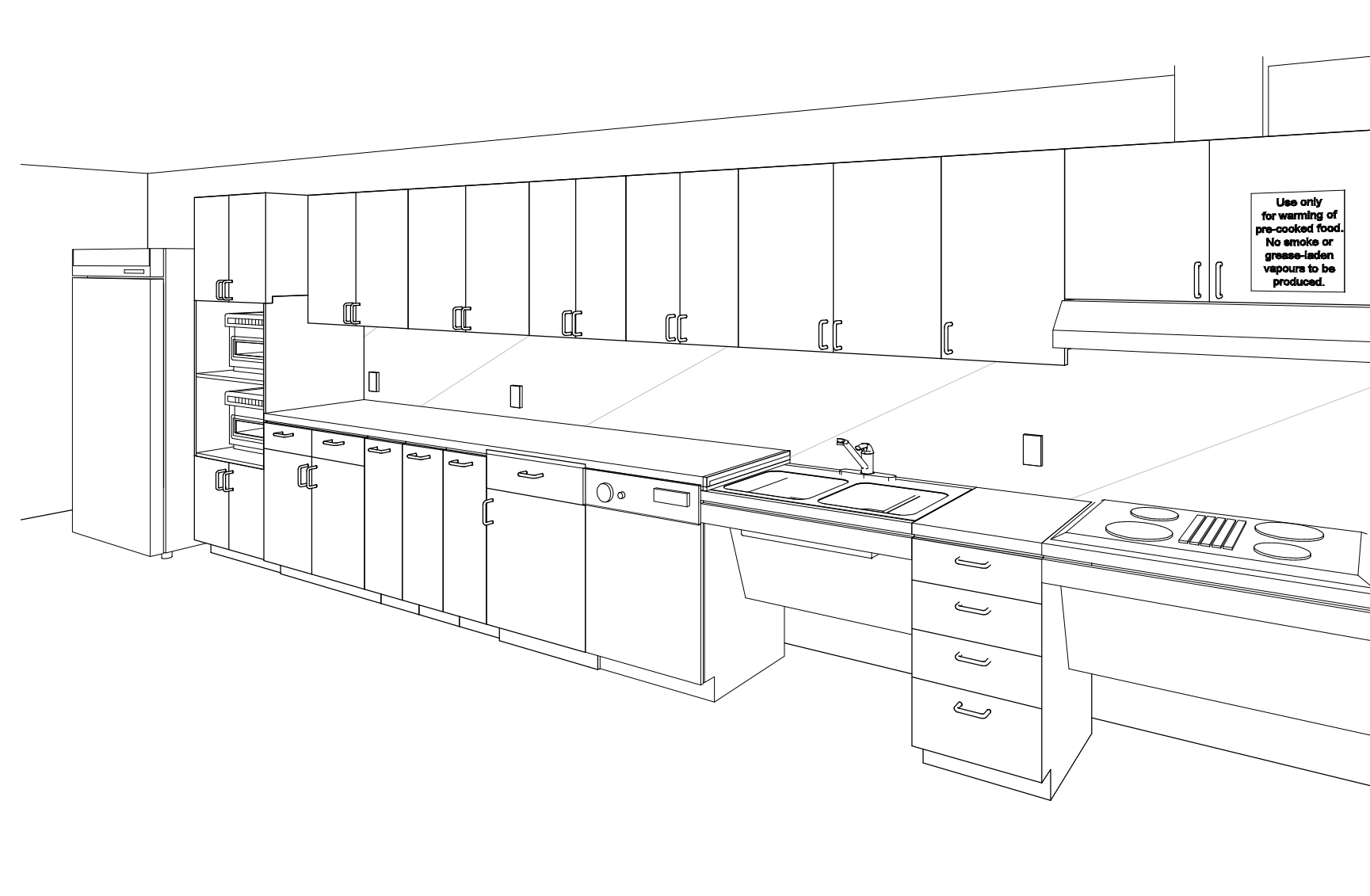
10mm



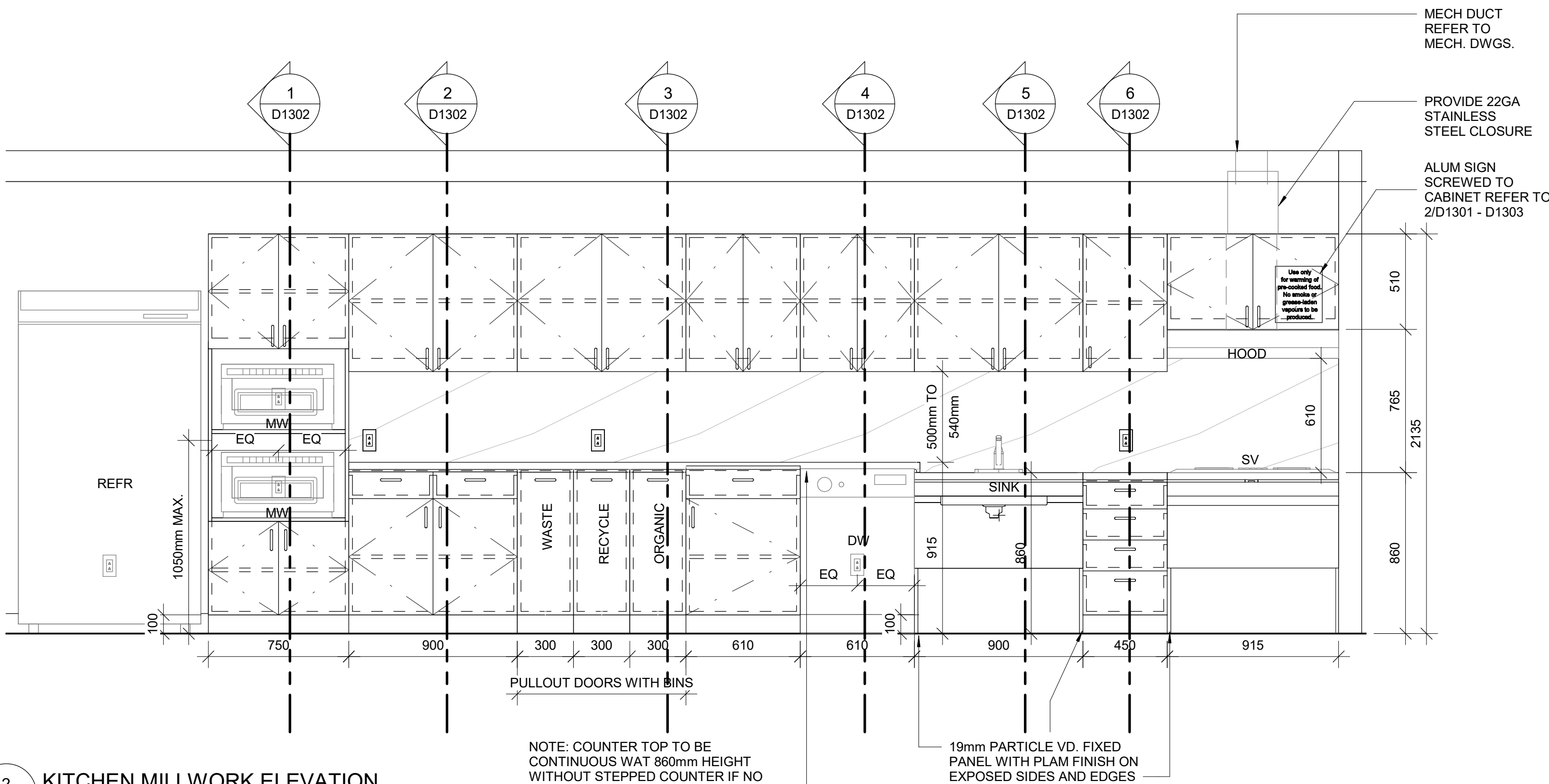
1 KITCHEN PLAN
D1301 Scale: 1 : 20



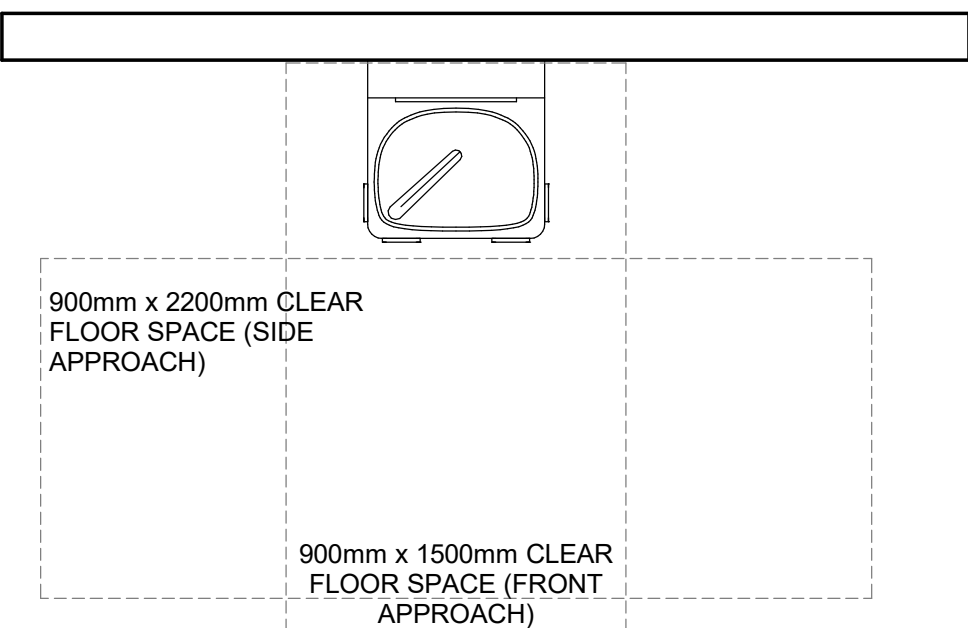
3 KITCHEN PERSPECTIVE 01
D1301 Scale:



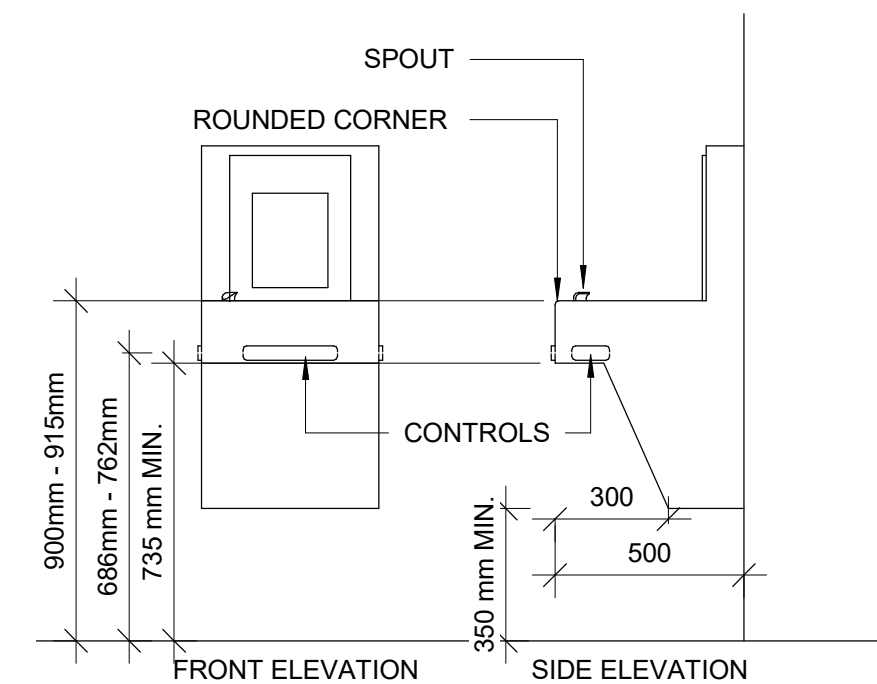
4 KITCHEN PERSPECTIVE 02
D1301 Scale:



2 KITCHEN MILLWORK ELEVATION
D1301 Scale: 1 : 20



5 DRINKING FOUNTAIN PLAN
D1301 Scale: 1 : 20



6 DRINKING FOUNTAIN ELEVATION
D1301 Scale: 1 : 20

- NOTE:**
- ALL APPLIANCES ARE OUT OF SCOPE AND ARE FOR INFORMATION PURPOSES ONLY
 - CONTRACTOR TO CONFIRM APPLIANCES SIZES PRIOR TO FABRICATION OF MILLWORK

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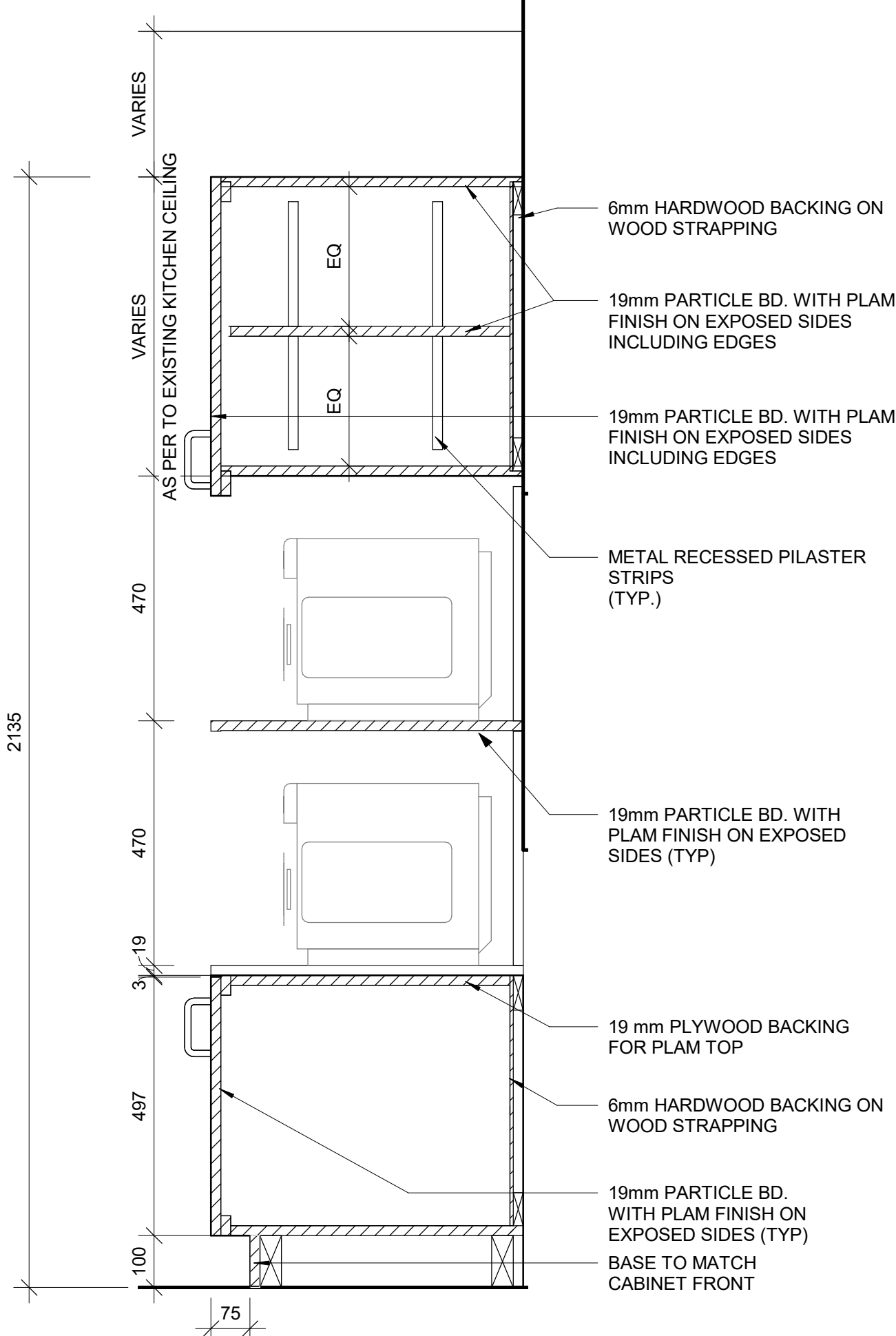
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PROJECT MGR: F. BOLOURIAN	APPROVED BY: E. FENUTA

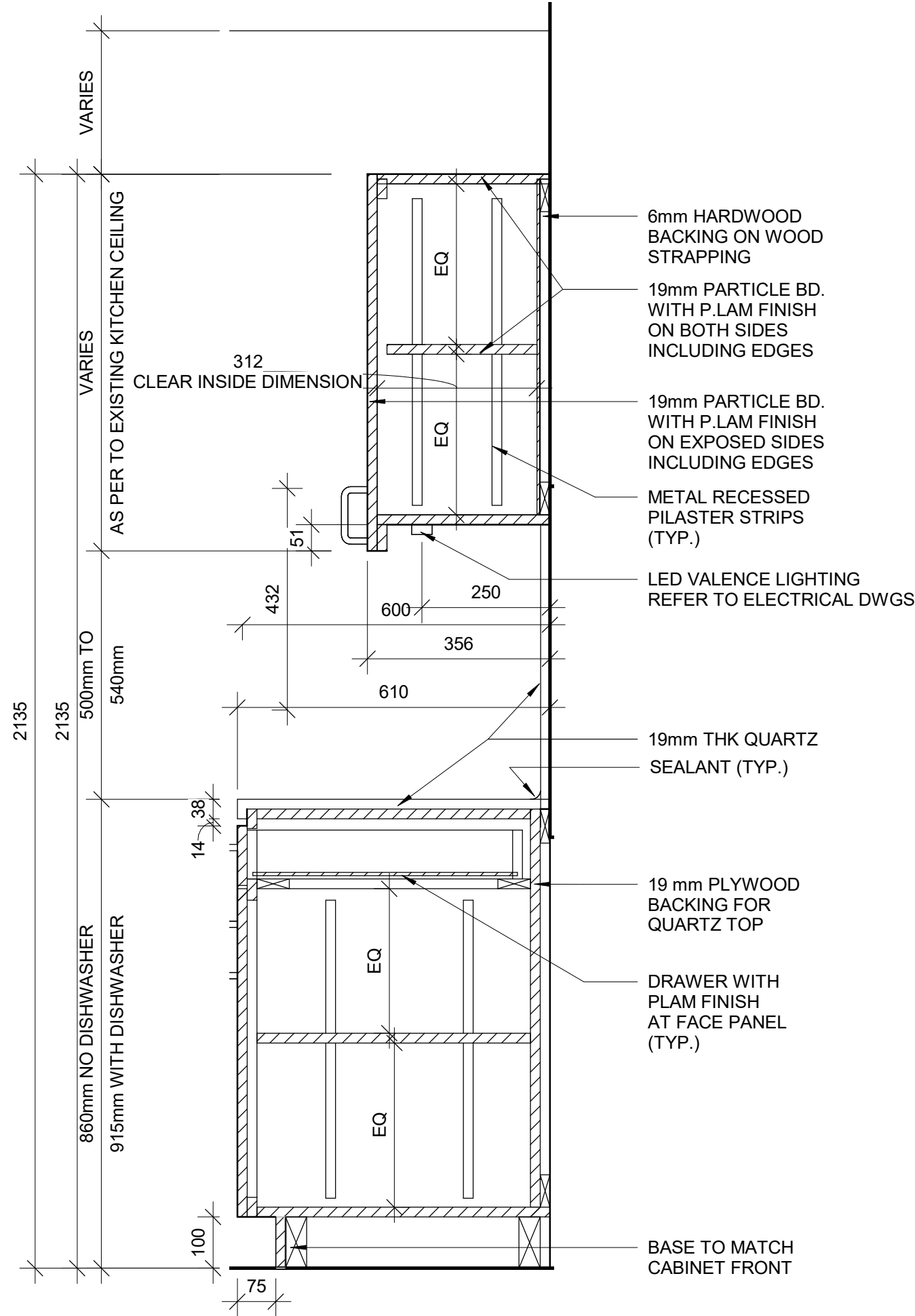
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**KITCHEN MILLWORK
PLANS & ELEVATIONS**

SHEET NUMBER D1301	ISSUE A
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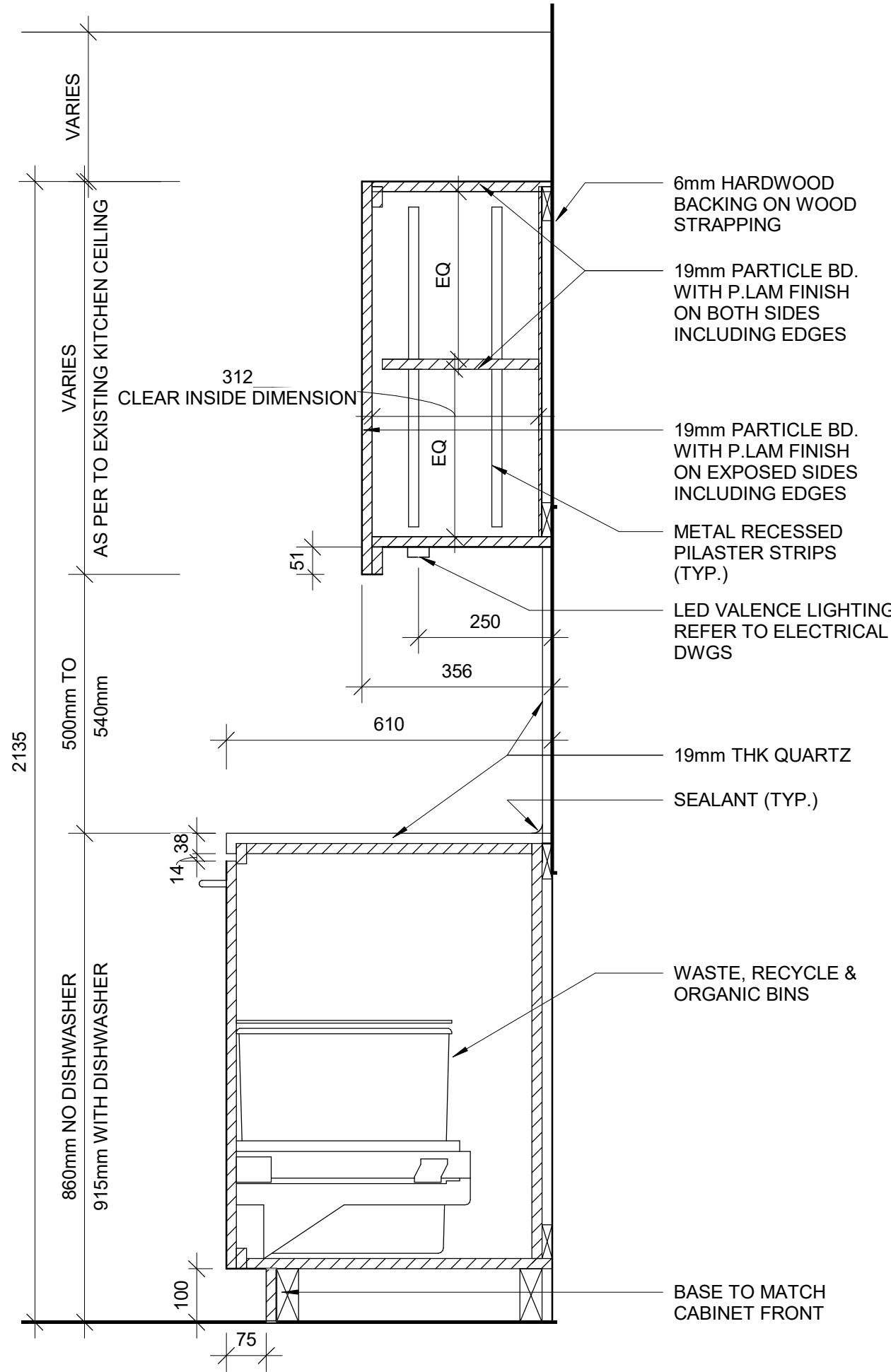
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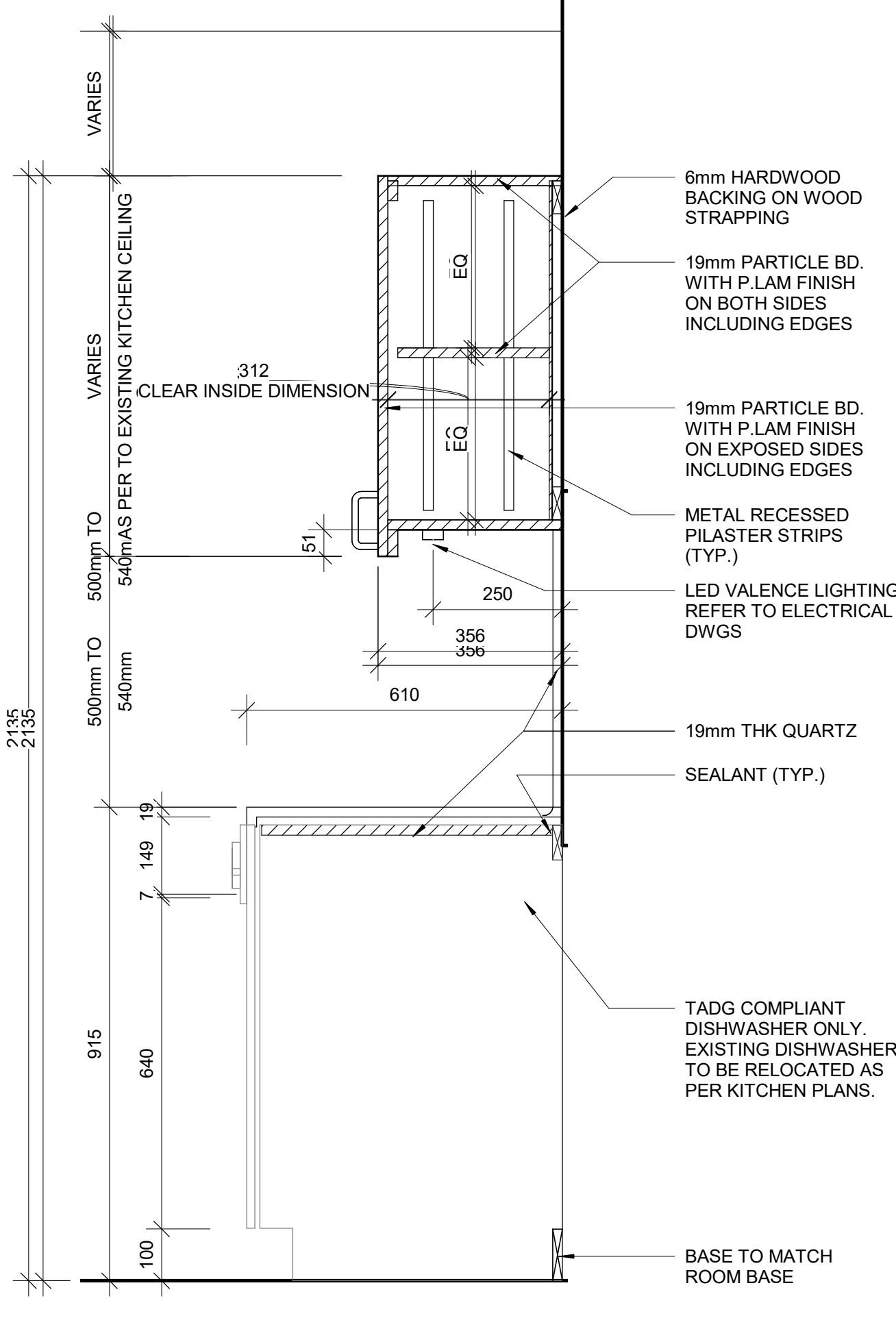
1 BASE CABINETRY- MICROWAVE STORAGE
D1302 / Scale: 1 : 10



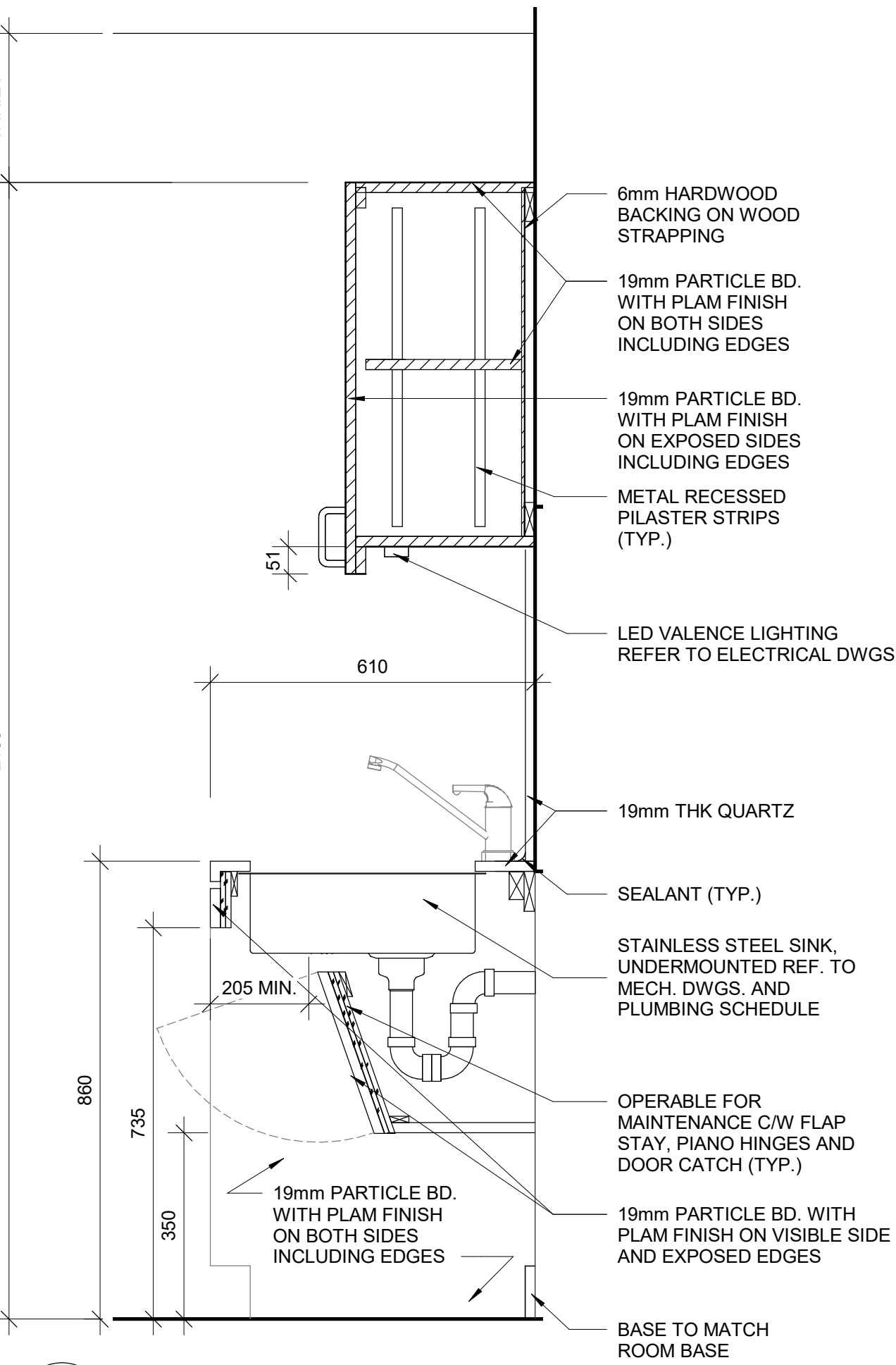
2 BASE CABINETRY WITH DRAWER
D1302 / Scale: 1 : 10



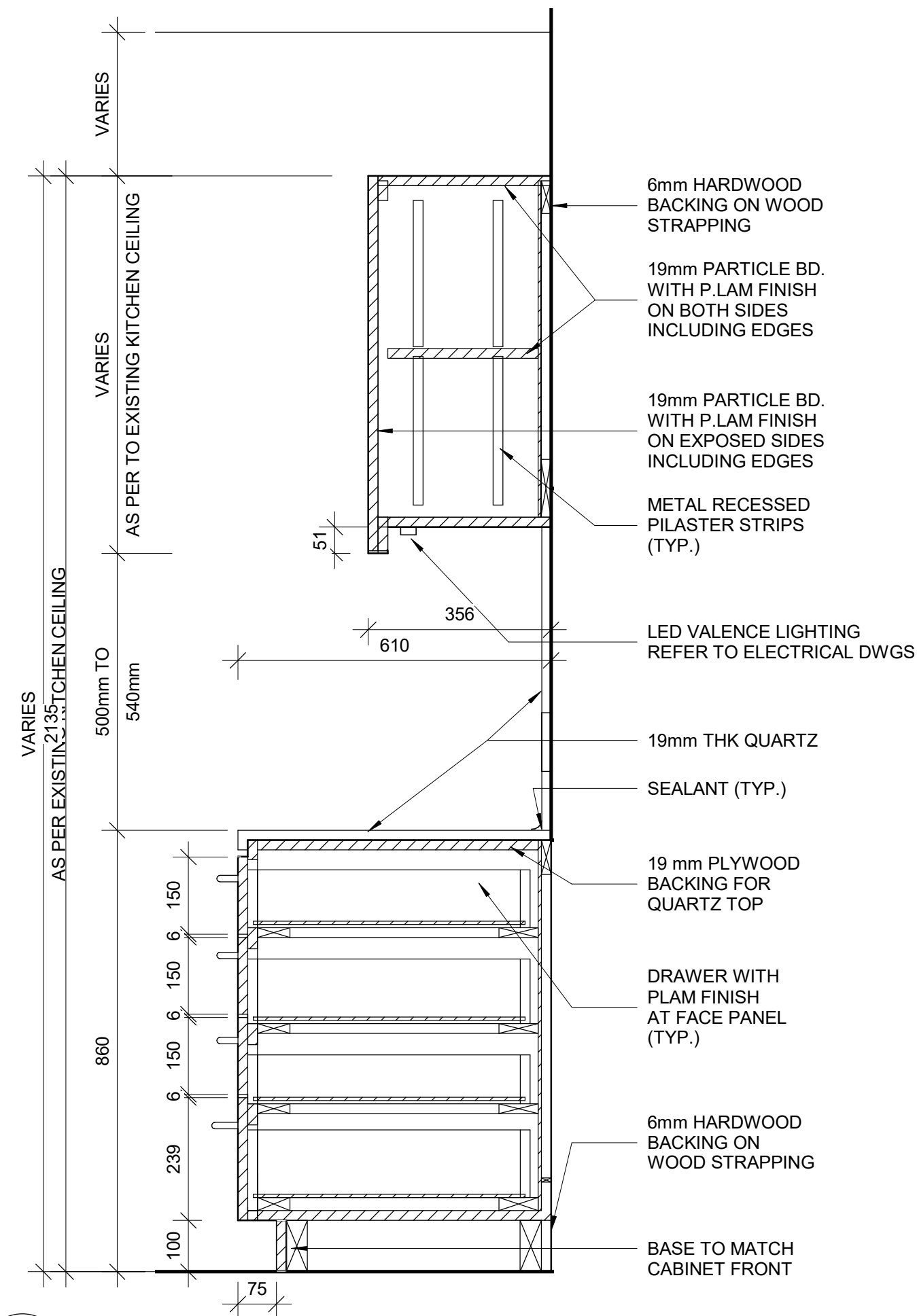
3 BASE CABINETRY WITH GARBAGE BIN
D1302 / Scale: 1 : 10



4 BASE CABINETRY WITH DISHWASHER
D1302 / Scale: 1 : 10

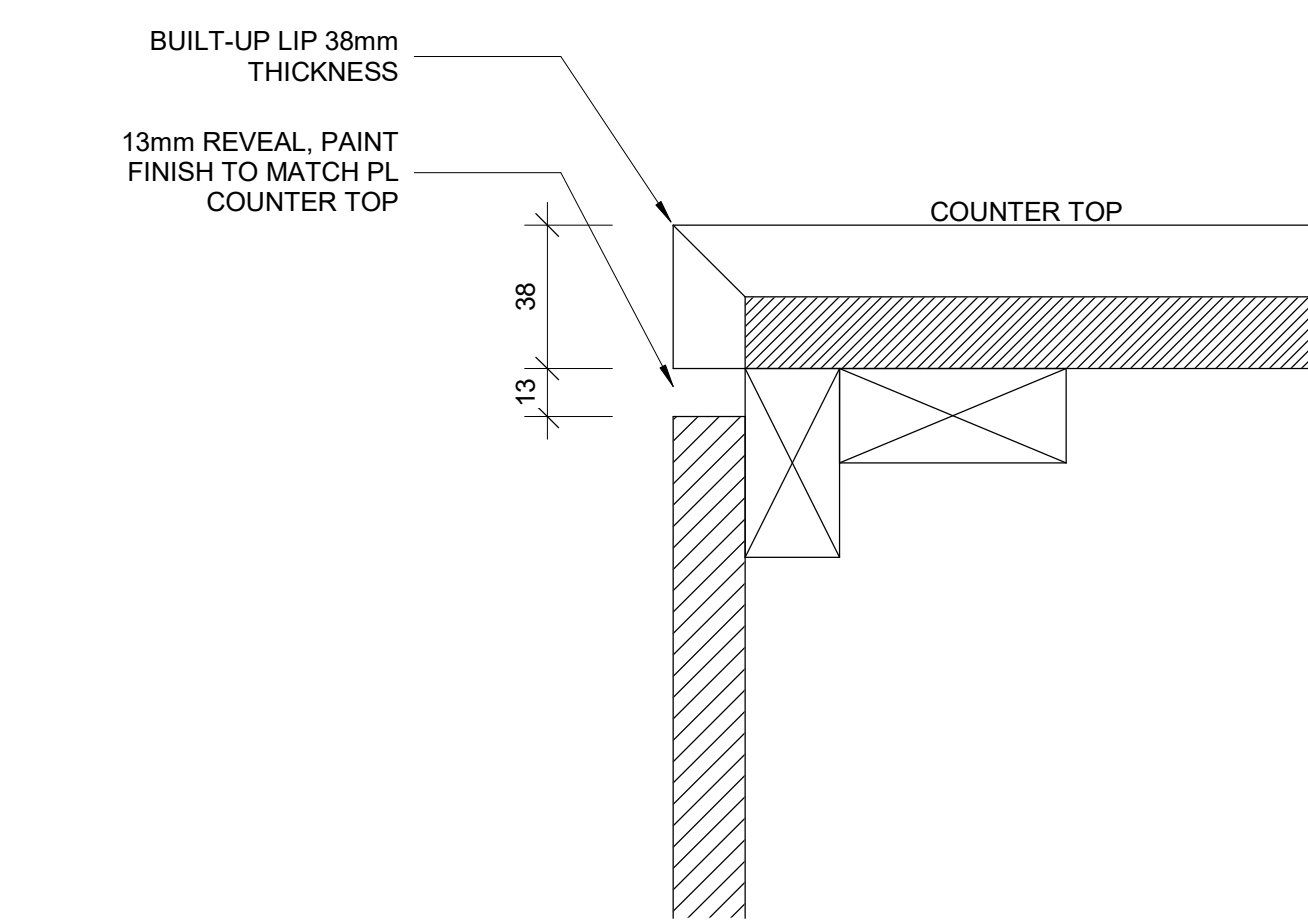


5 BASE CABINETRY WITH SINK
D1302 / Scale: 1 : 10



6 BASE CABINETRY WITH FOUR DRAWERS
D1302 / Scale: 1 : 10

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8 TYPICAL BUILT-UP NOSING DOOR COUNTER TOP
D1302 / Scale: 1 : 2

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PROJECT ADDRESS

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DRAWN BY: A. BOYNARIAN	CHECKED BY: K. TILAHUN
PROJECT MGR: F. BOLOURIAN	APPROVED BY: E. FENUITA

SHEET TITLE

**KITCHEN MILLWORK
DETAIL SECTIONS**

SHEET NUMBER	ISSUE
D1302	A

SCALE CHECK
1/16" = 1/8"

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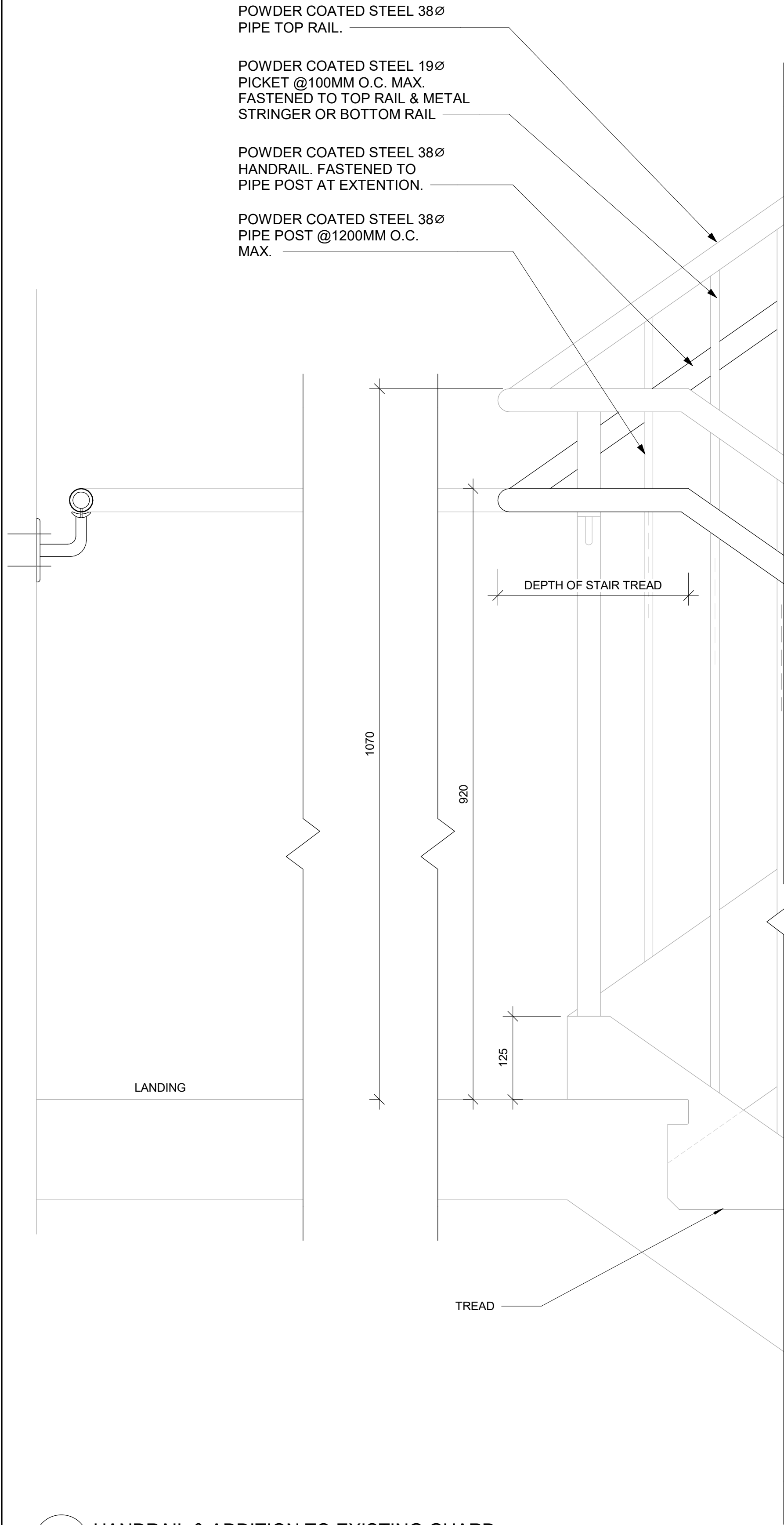
SHEET TITLE
KITCHEN HOOD VENT
DETAIL

SHEET NUMBER
D1303

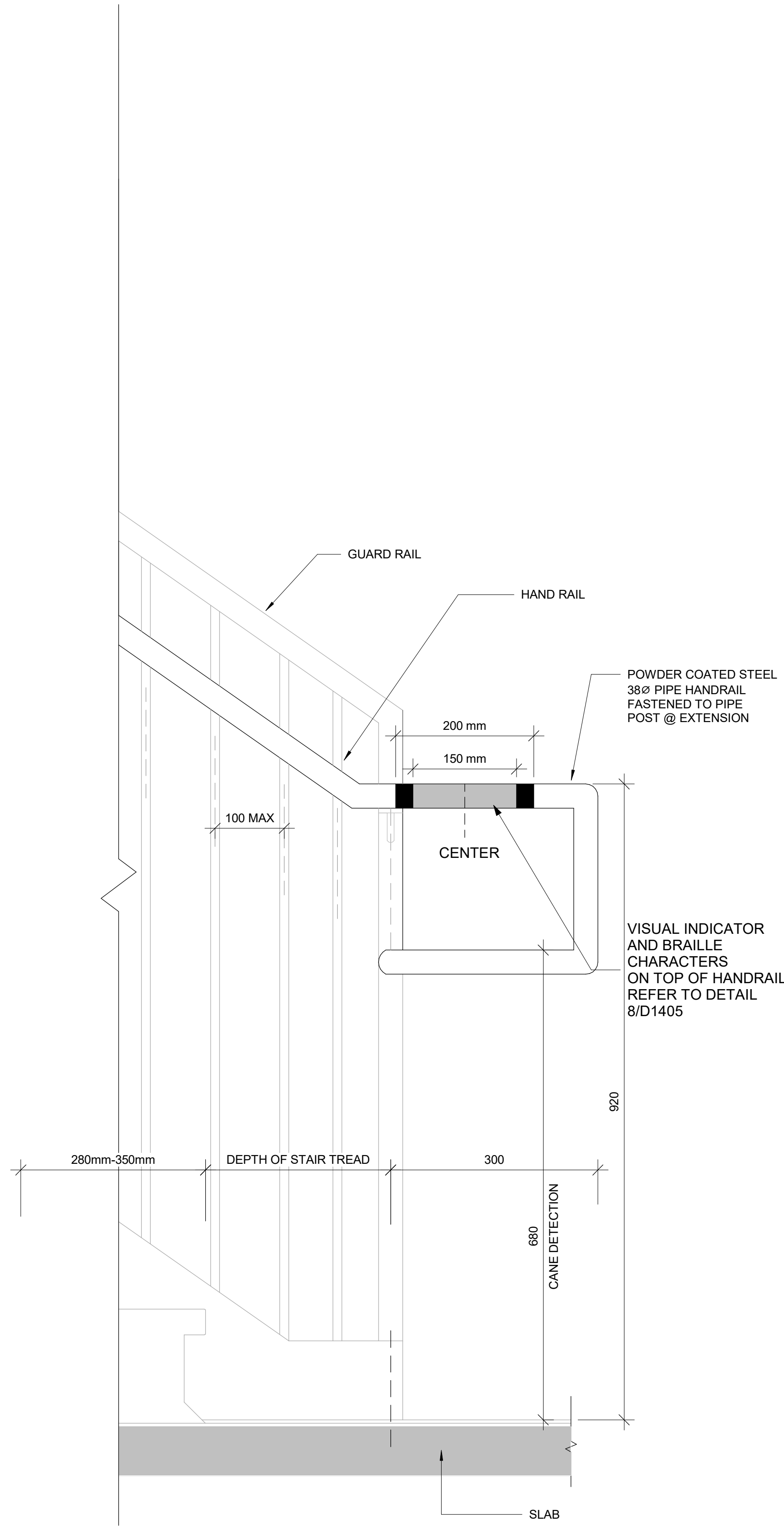
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<div>SHEET TITLE</div> <div>RECEPTION DESK WITH</div> <div>TEMPERED GLASS</div> <div>MILLWORK</div>									
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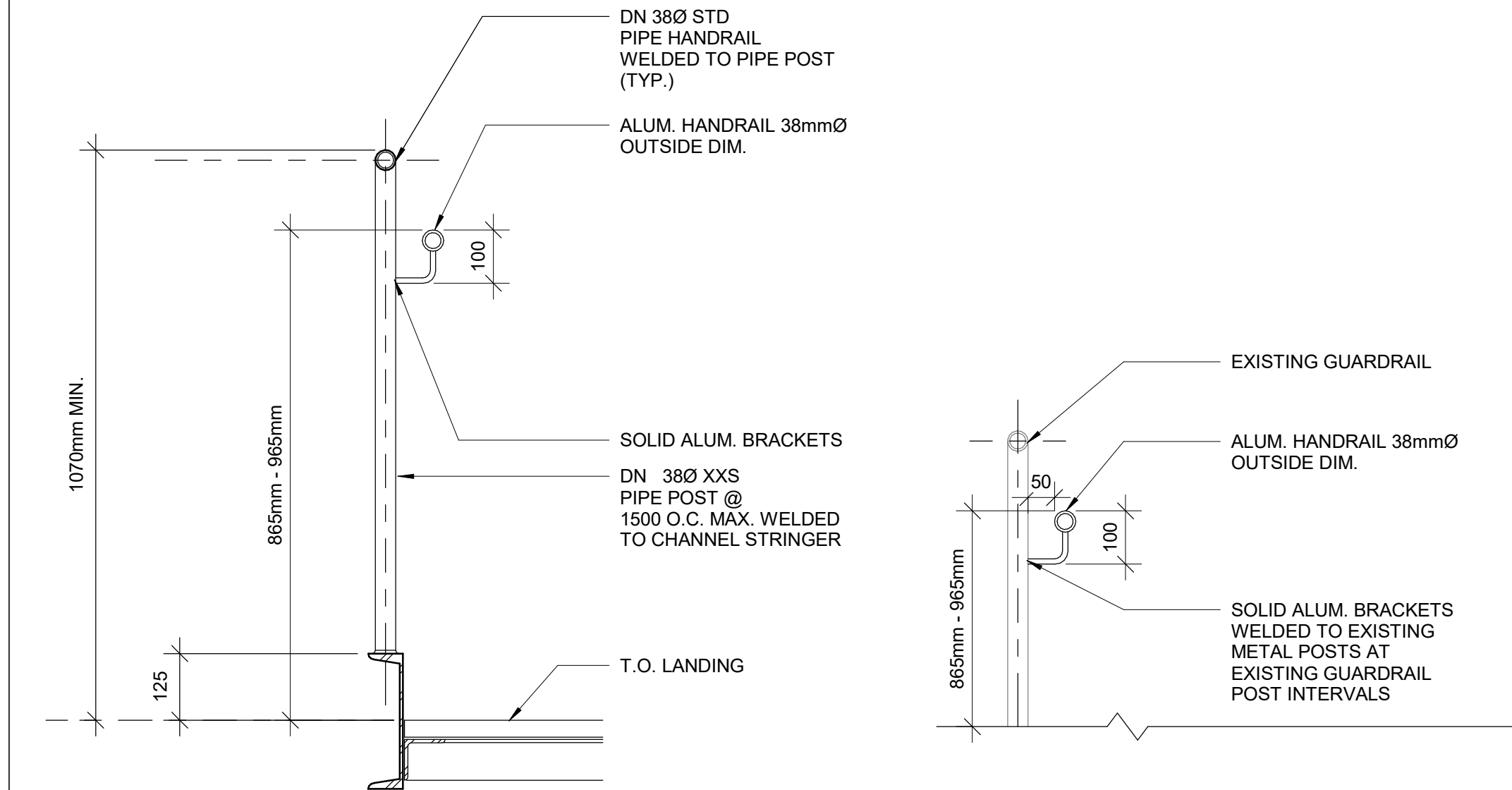
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<div>PROJECT TITLE</div> <div>CITY OF TORONTO</div> <div>ACCESSIBILITY UPGRADES</div>										
<div>PROJECT ADDRESS</div>										
<div>PROJECT NO:</div> <div>9119- 19- 0162 / Arcadis 30279056</div> <table><tr><td>DRAWN BY:</td><td>CHECKED BY:</td></tr><tr><td>A. BOYNARIAN</td><td>K. TILAHUN</td></tr><tr><td>PROJECT MGR:</td><td>APPROVED BY:</td></tr><tr><td>F. BOLOURIAN</td><td>E. FENUTA</td></tr></table>			DRAWN BY:	CHECKED BY:	A. BOYNARIAN	K. TILAHUN	PROJECT MGR:	APPROVED BY:	F. BOLOURIAN	E. FENUTA
DRAWN BY:	CHECKED BY:									
A. BOYNARIAN	K. TILAHUN									
PROJECT MGR:	APPROVED BY:									
F. BOLOURIAN	E. FENUTA									
<div>SHEET TITLE</div> <div>RECEPTION DESK WITH</div> <div>TEMPERED GLASS</div> <div>DETAIL SECTIONS</div>										
<div>SHEET NUMBER</div> <div>D1306</div>		<div>ISSUE</div> <div>A</div>								



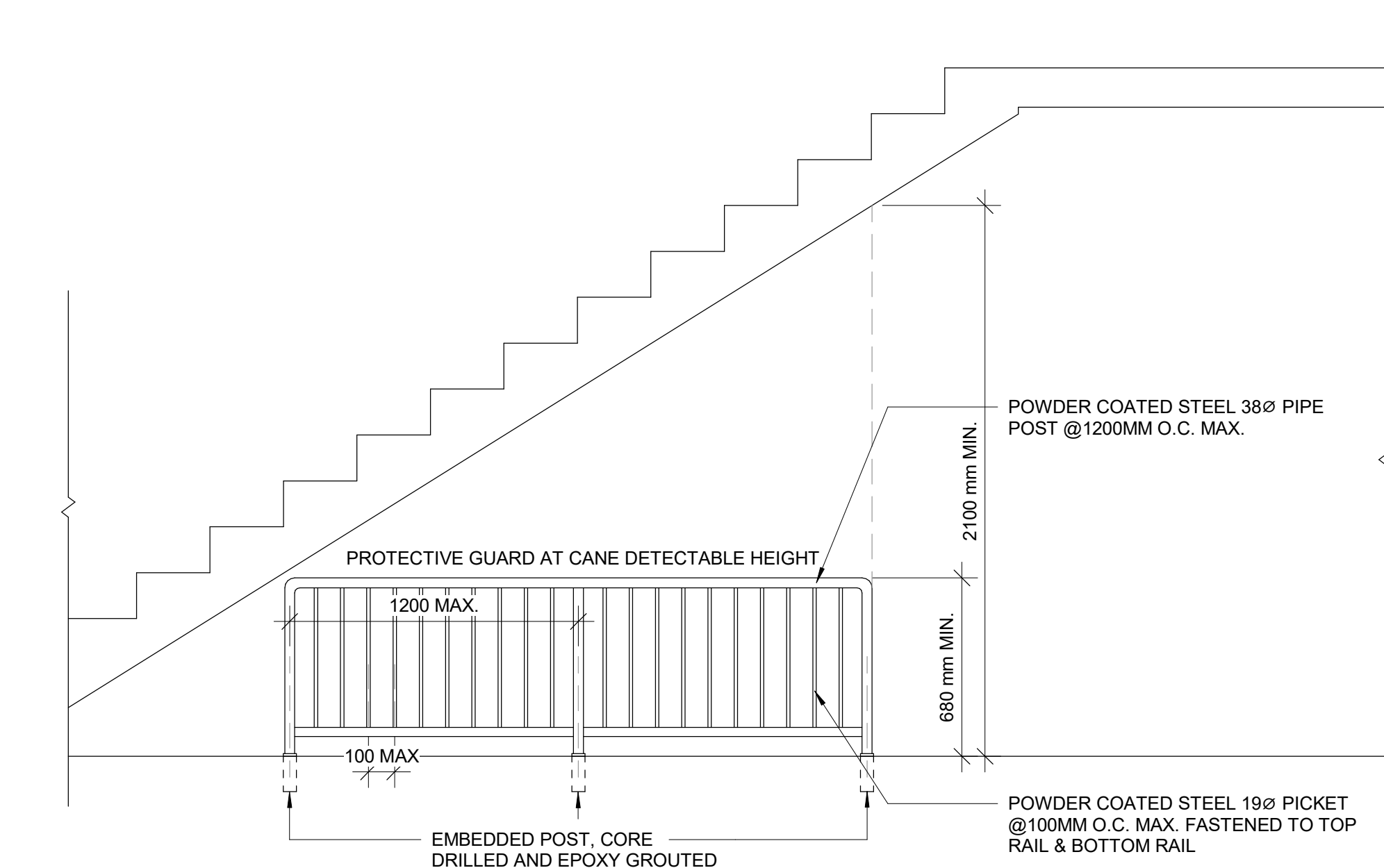
3 HANDRAIL & ADDITION TO EXISTING GUARD
D1401 Scale: 1 : 5



2 TYPICAL GUARDRAIL DETAIL AT LANDING
D1401 Scale: 1 : 10

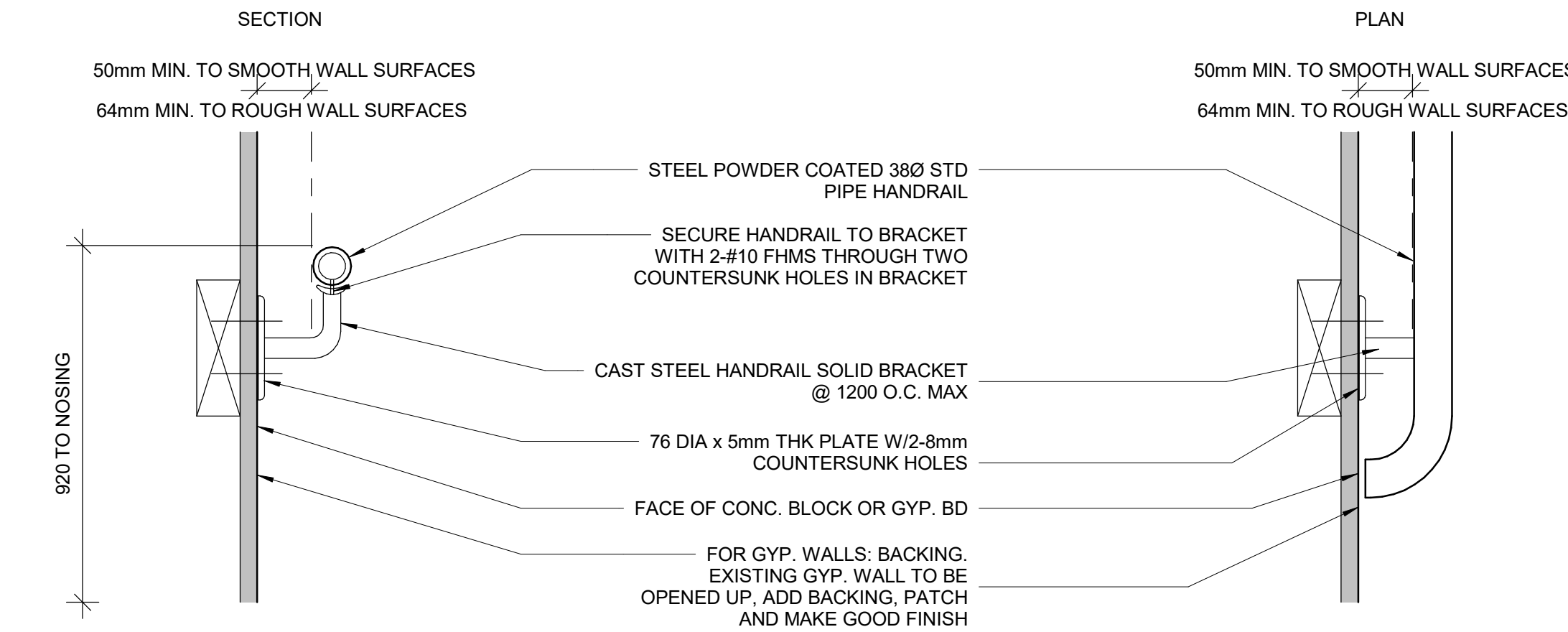


5 EXISTING GUARDRAIL RETROFIT DETAIL
D1401 Scale: 1 : 10



4 PROTECTION GUARD UNDER STAIRS
D1401 Scale: 1 : 20

- NOTES:
- INTERIOR GUARDS AND HANDRAILS TO BE STEEL WITH POWDER COATED FINISH UNLESS NOTED OTHERWISE
 - EXTERIOR GUARDS AND HANDRAILS TO BE GALVANIZED STEEL WITH POWDER COATED FINISH UNLESS NOTED OTHERWISE
 - FOR ALL TACTILE INDICATOR, USE TA-1A - YELLOW COLOUR UNLESS OTHERWISE NOTED
 - FOR ALL TEXTURE AND CONTRAST WARNING STRIP INTERIOR APPLICATION, USE TA-10 - YELLOW COLOUR UNLESS OTHERWISE NOTED
 - FOR ALL TEXTURE AND CONTRAST WARNING STRIP EXTERIOR APPLICATION, USE TA-11, EXCEPT CAST IN PLACE EXTERIOR CONCRETE APPLICATION USE TA-12



1 STAIR HANDRAIL DETAIL WITH WALL REINFORCEMENT
D1401 Scale: 1 : 5

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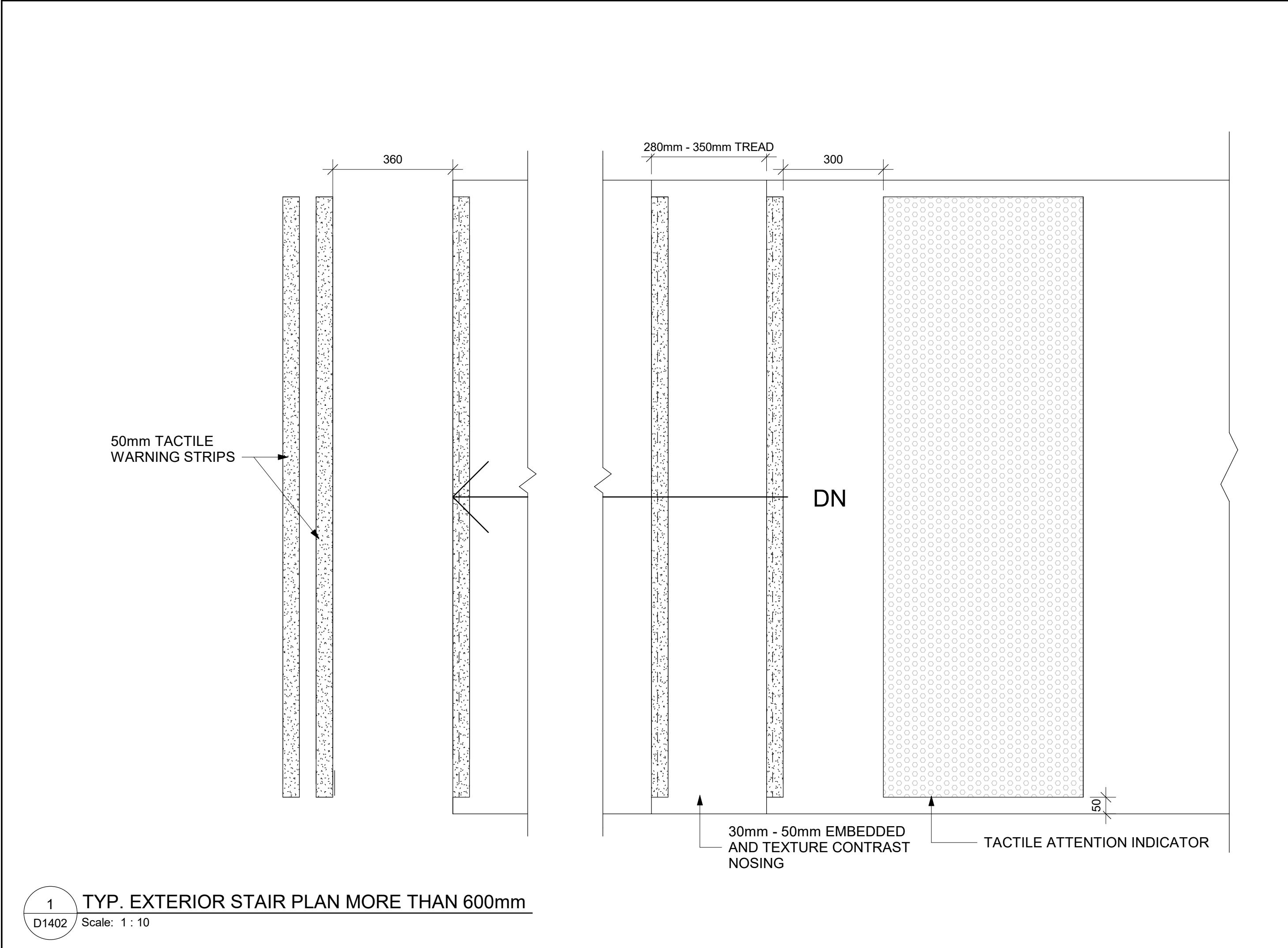
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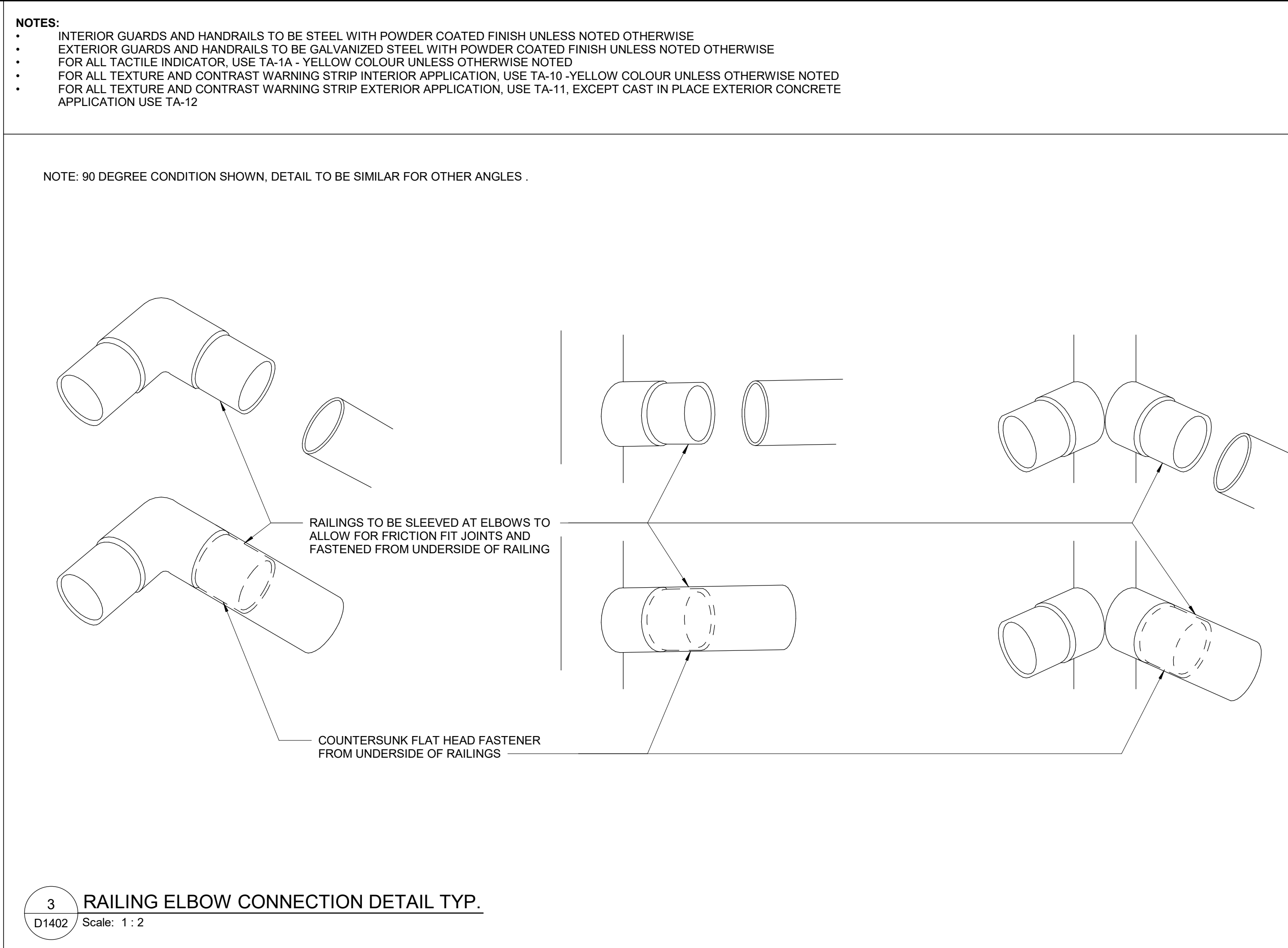
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DRAWN BY:
A. BOYNARIAN
PROJECT MGR:
F. BOLOURIAN
CHECKED BY:
K. TILAHUN
APPROVED BY:
E. FENUITA

SHEET TITLE
STAIR DETAILS - 01

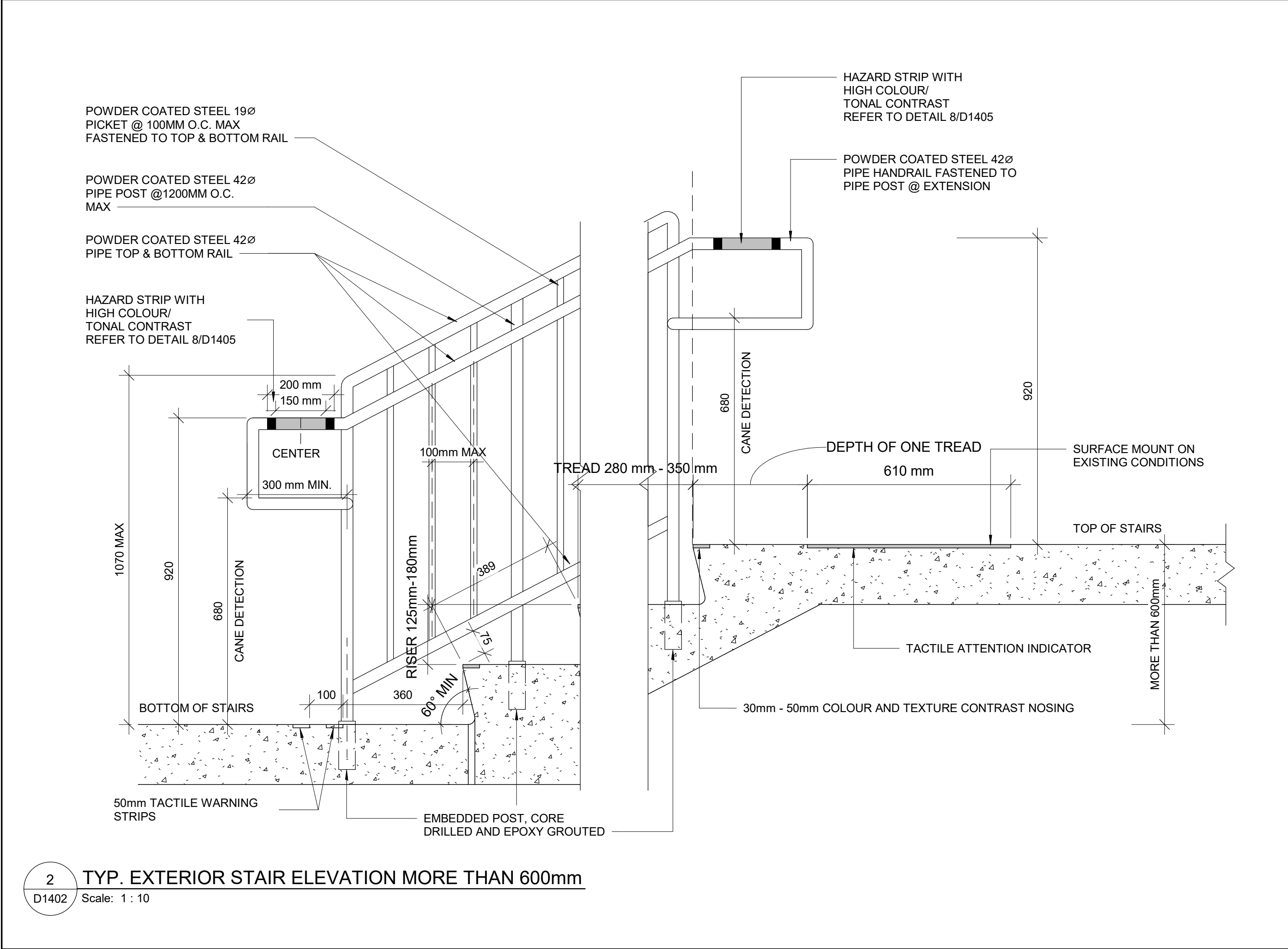
SHEET NUMBER
D1401
ISSUE
A



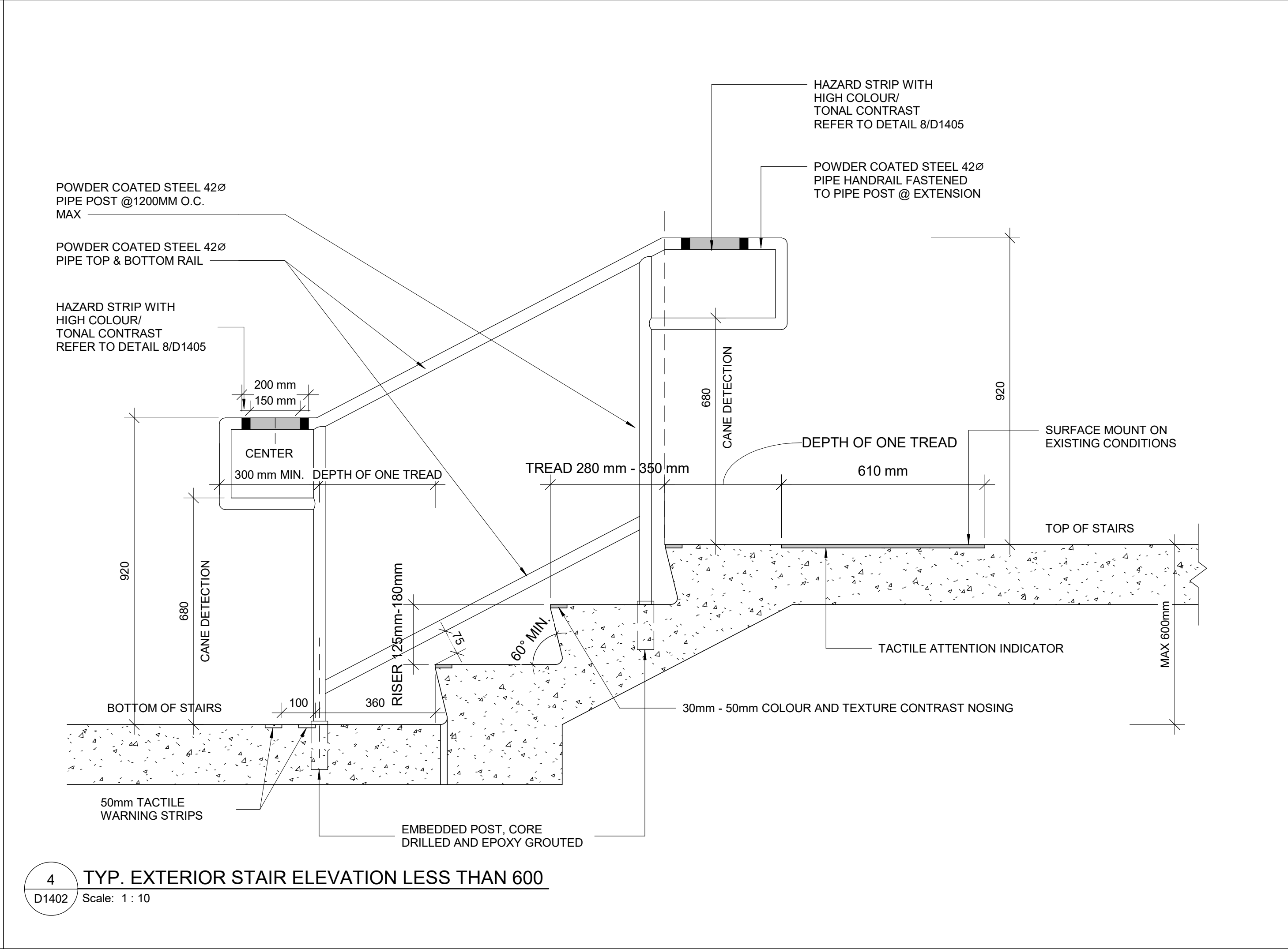
1 TYP. EXTERIOR STAIR PLAN MORE THAN 600mm
D1402 Scale: 1 : 10



3 RAILING ELBOW CONNECTION DETAIL TYP.
D1402 Scale: 1 : 2




2 TYP. EXTERIOR STAIR ELEVATION MORE THAN 600mm
D1402 Scale: 1 : 10



4 TYP. EXTERIOR STAIR ELEVATION LESS THAN 600
D1402 Scale: 1 : 10

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PROJECT MGR:
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APPROVED BY:
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SHEET TITLE

STAIR DETAILS - 02

SHEET NUMBER

D1402

ISSUE

A

- NOTES:
- INTERIOR GUARDS AND HANDRAILS TO BE STEEL WITH POWDER COATED FINISH UNLESS NOTED OTHERWISE
 - EXTERIOR GUARDS AND HANDRAILS TO BE GALVANIZED STEEL WITH POWDER COATED FINISH UNLESS NOTED OTHERWISE
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 - FOR ALL TEXTURE AND CONTRAST WARNING STRIP INTERIOR APPLICATION, USE TA-10 -YELLOW COLOUR UNLESS OTHERWISE NOTED
 - FOR ALL TEXTURE AND CONTRAST WARNING STRIP EXTERIOR APPLICATION, USE TA-11, EXCEPT CAST IN PLACE EXTERIOR CONCRETE APPLICATION USE TA-12

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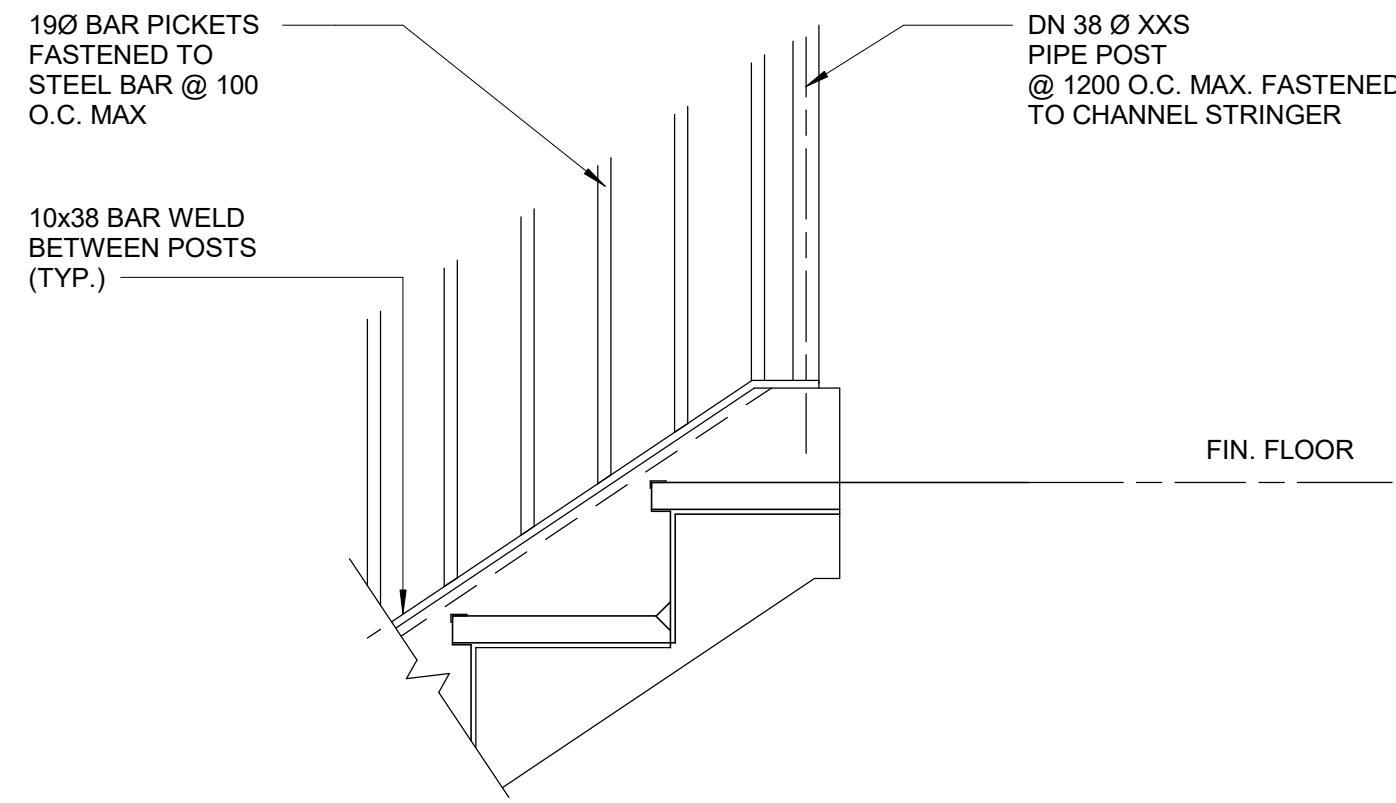
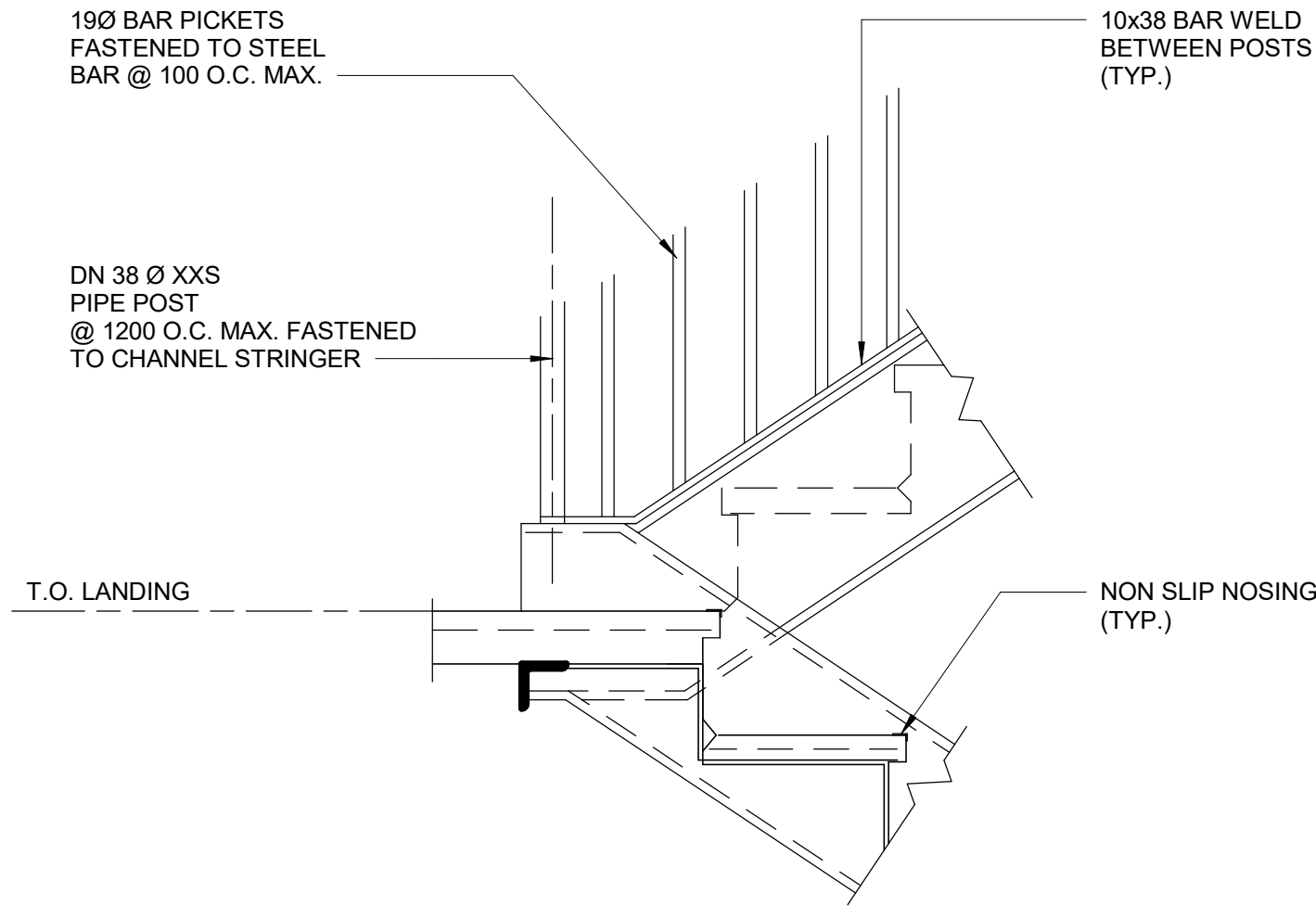
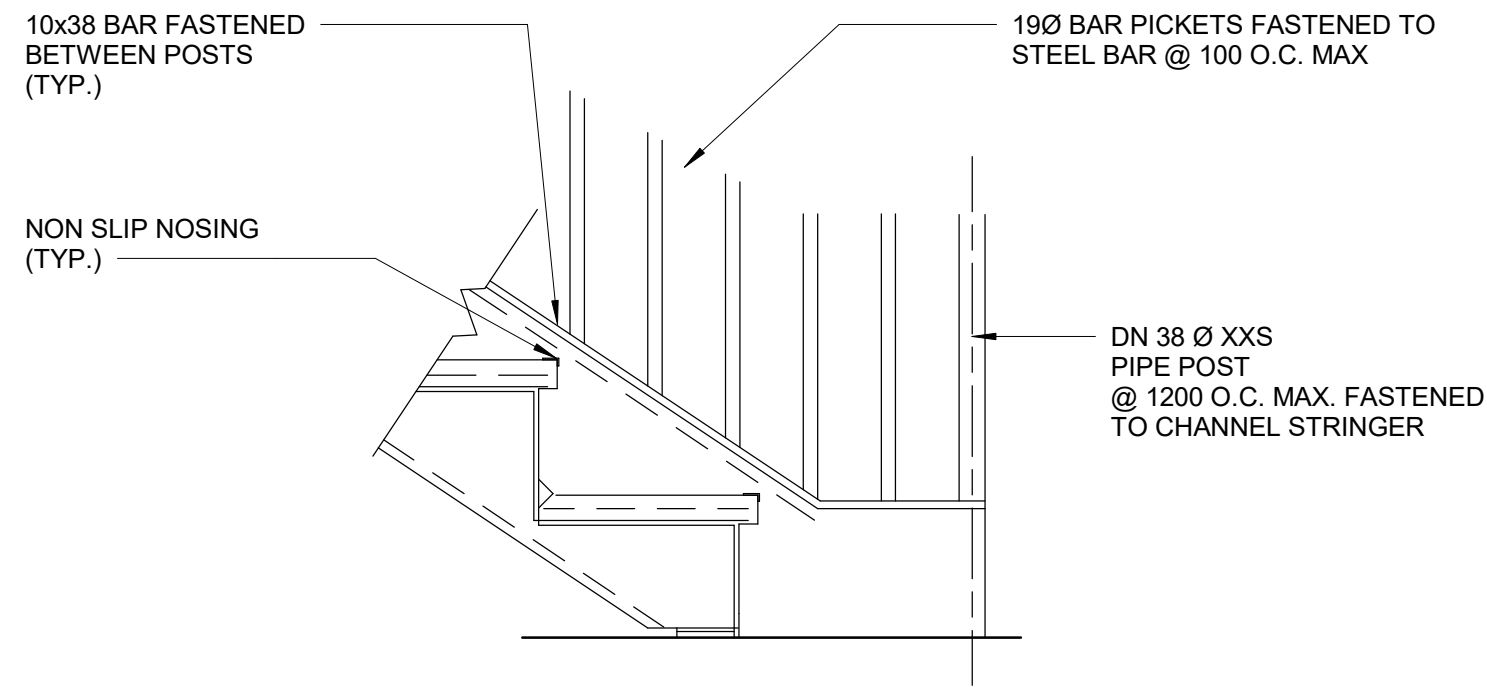
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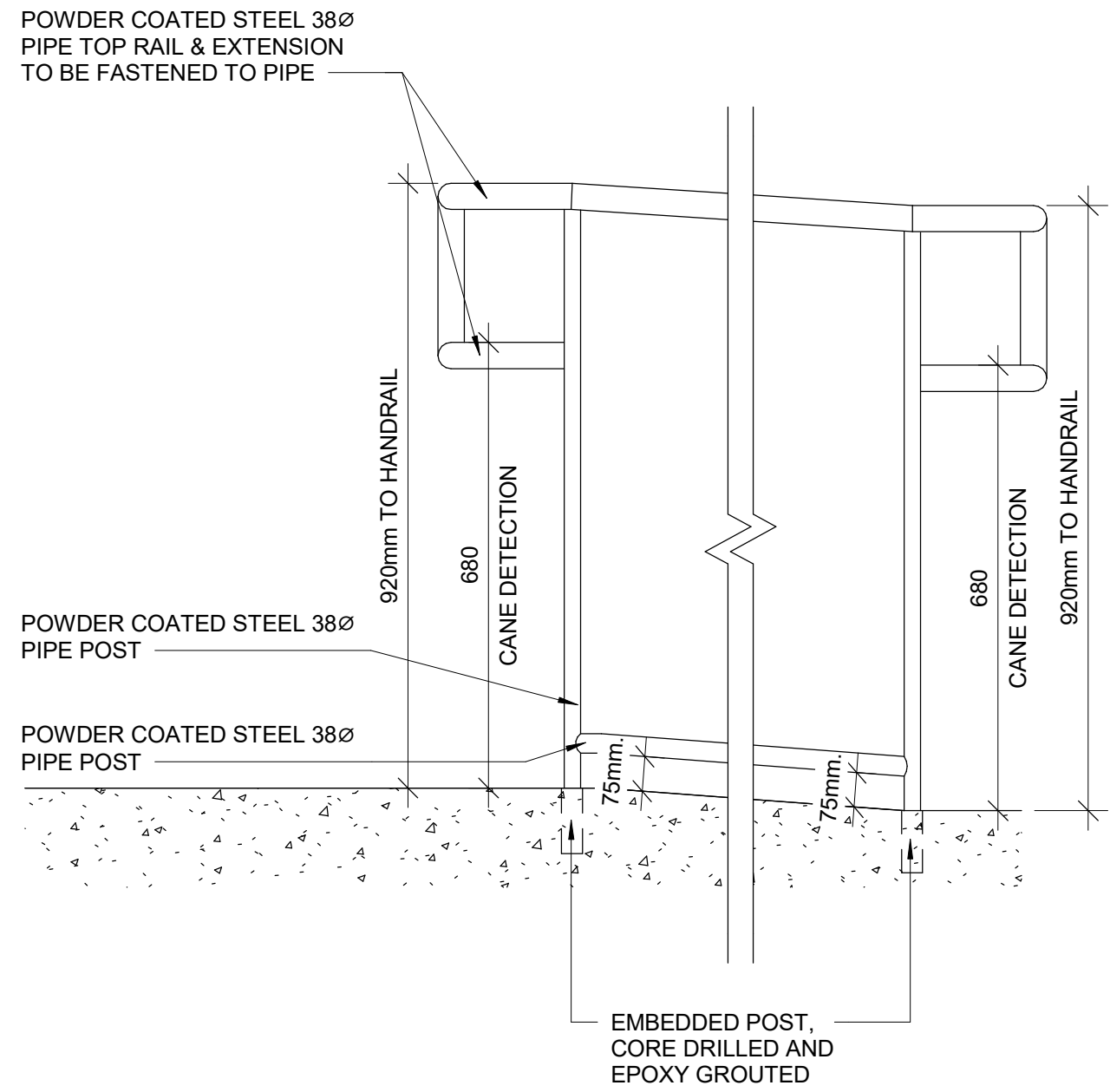
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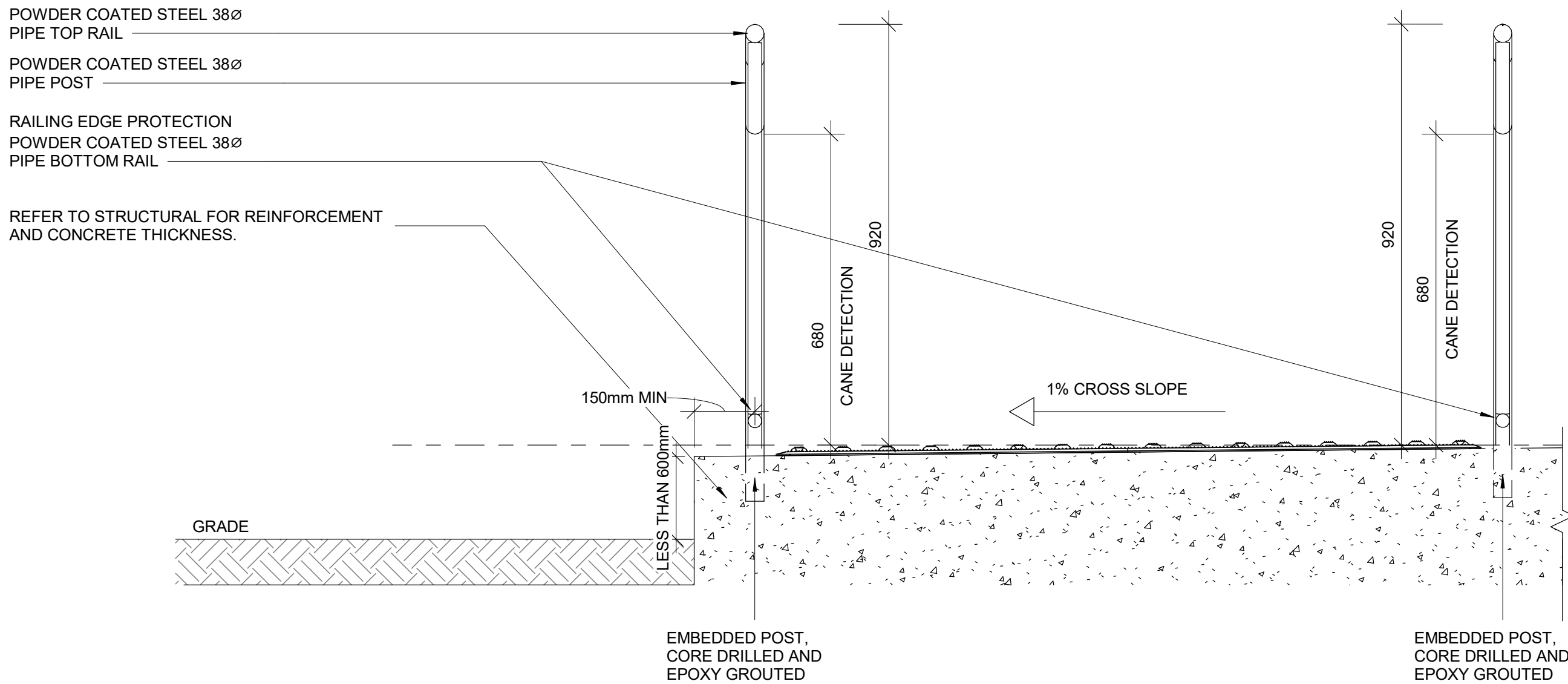
1 TYP. GUARDRAIL CONNECTION DETAIL AT STEEL STRINGER

D1403 Scale: 1 : 10



2 ELEVATION OF GUARDRAIL FOR RAMP AT GRADE DIFFERENCE LESS THAN 600 MM

D1403 Scale: 1 : 10



3 SECTION OF GUARDRAIL FOR RAMP AT GRADE DIFFERENCE LESS THAN 600 MM

D1403 Scale: 1 : 10

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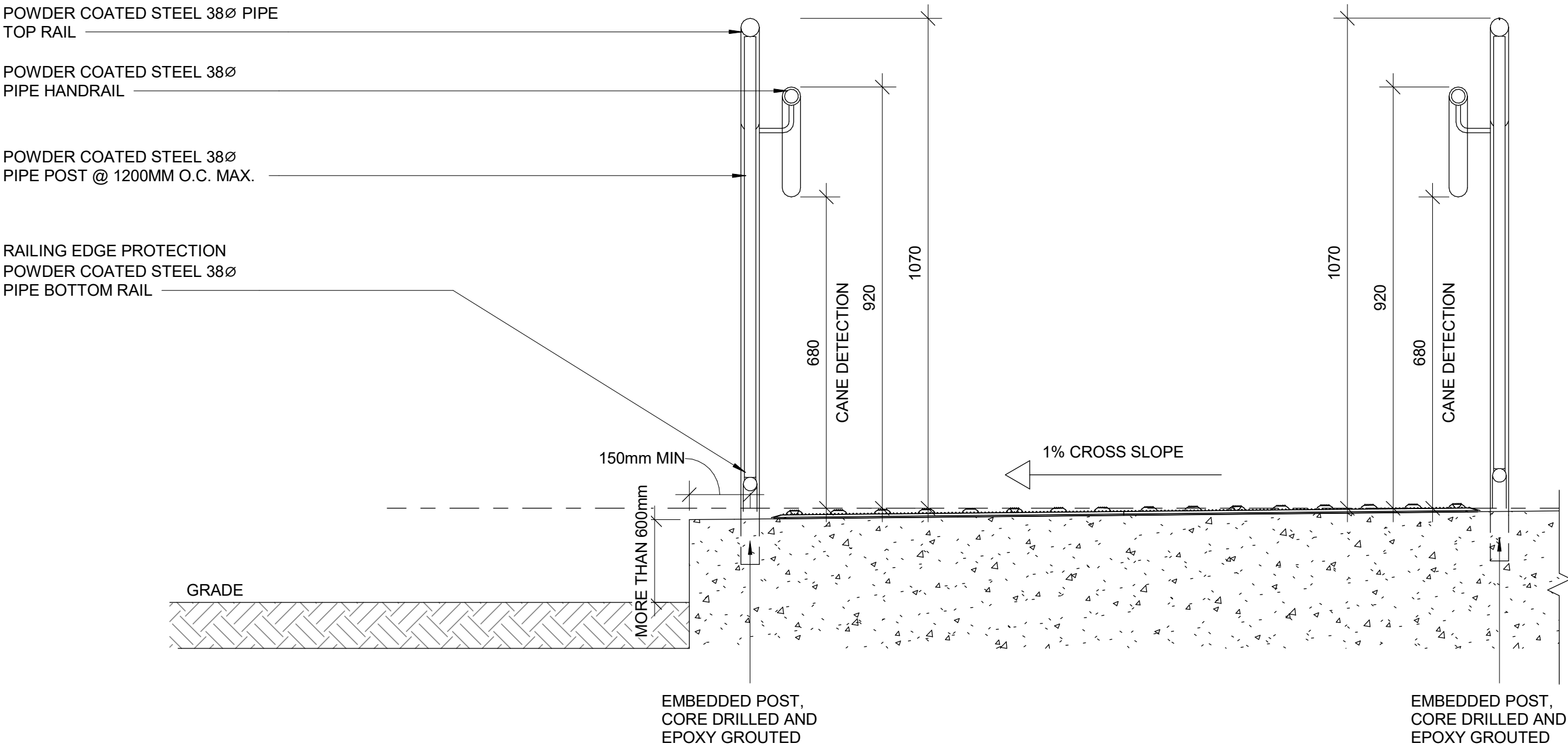
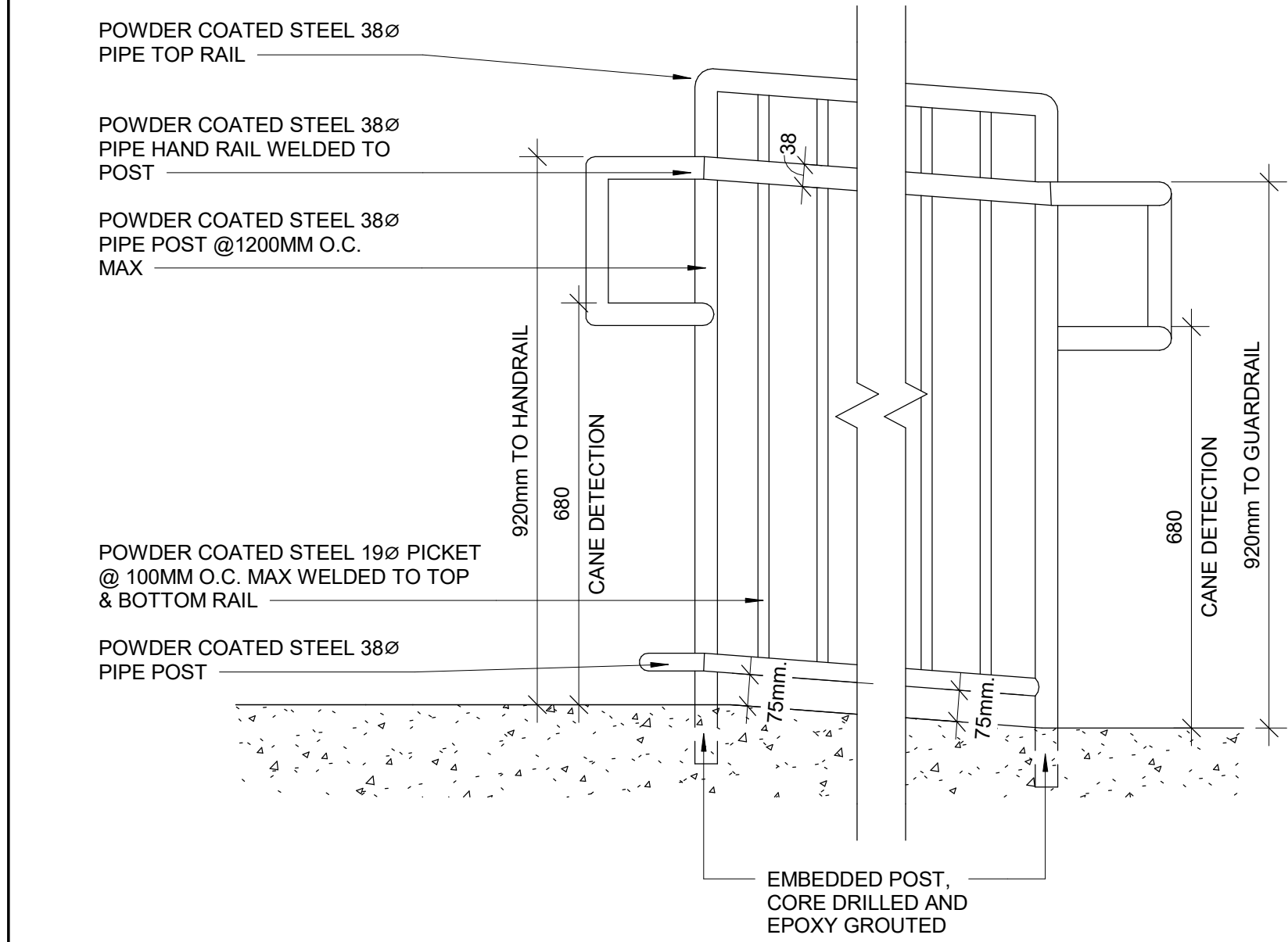
DRAWN BY: A. BOYNARIAN	CHECKED BY: K. TILAHUN
PROJECT MGR: F. BOLOURIAN	APPROVED BY: E. FENUTA

SHEET TITLE
RAMP DETAILS - 01

SHEET NUMBER
D1403

ISSUE
A

- NOTES:
- INTERIOR GUARDS AND HANDRAILS TO BE STEEL WITH POWDER COATED FINISH UNLESS NOTED OTHERWISE
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 - FOR ALL TEXTURE AND CONTRAST WARNING STRIP EXTERIOR APPLICATION, USE TA-11, EXCEPT CAST IN PLACE EXTERIOR CONCRETE APPLICATION USE TA-12



1 ELEVATION OF GUARDRAIL FOR RAMP AT GRADE DIFFERENCE MORE THAN 600 MM
D1404 Scale: 1 : 10

2 SECTION OF GUARDRAIL FOR RAMP AT GRADE DIFFERENCE MORE THAN 600 MM
D1404 Scale: 1 : 10

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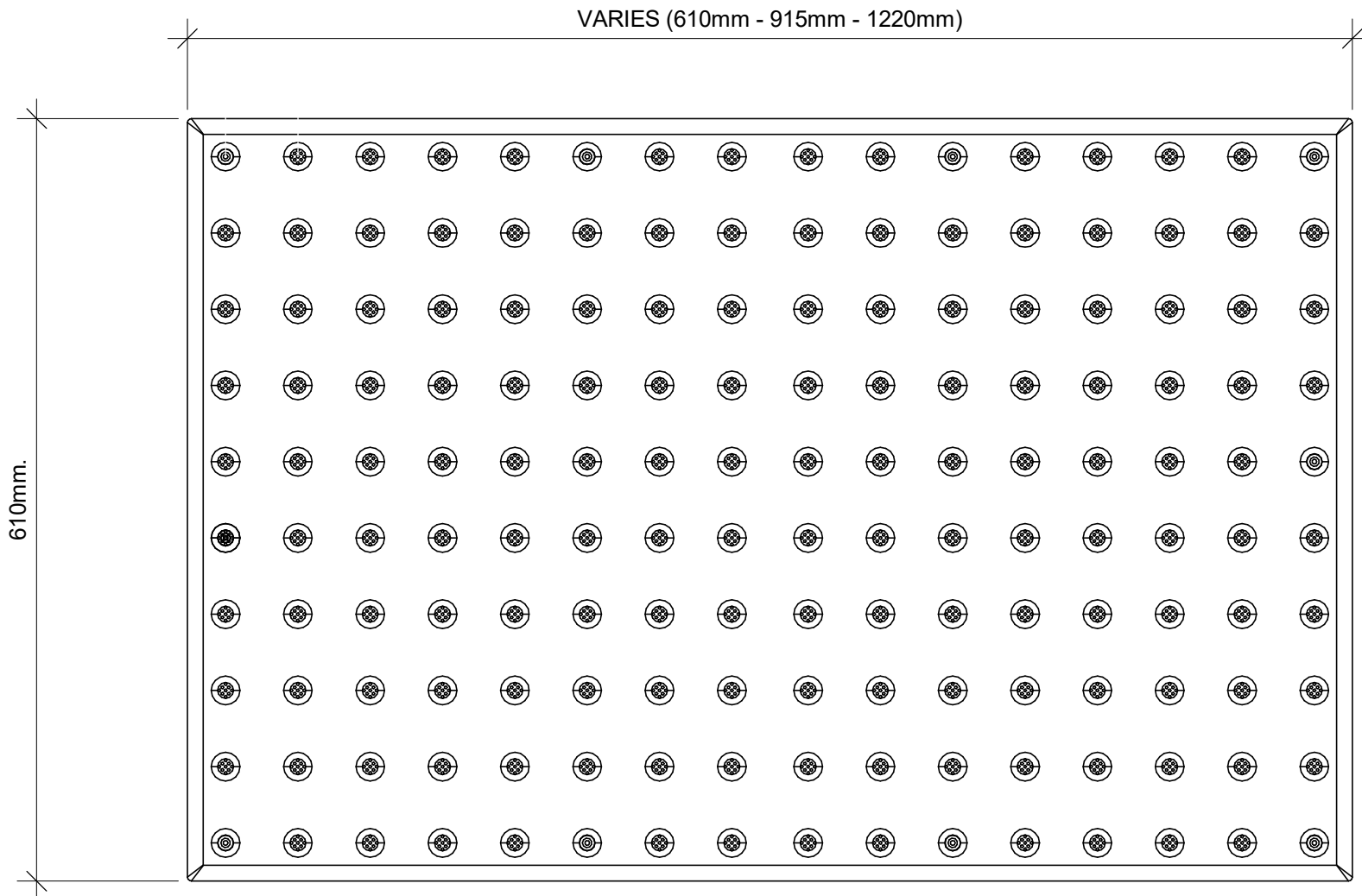
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PROJECT MGR: F. BOLOURIAN	APPROVED BY: E. FENUTA

SHEET TITLE
RAMP DETAILS - 02

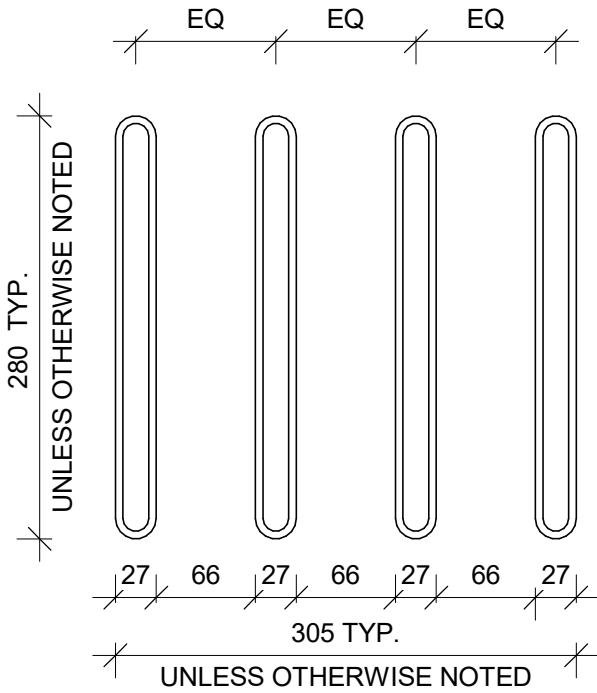
SHEET NUMBER D1404	ISSUE A
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TA - 1a
EXTERIOR AND INTERIOR APPLICATION



1 TACTILE ATTENTION INDICATOR
D1405 / Scale: 1 : 5

TA-8
INTERIOR APPLICATION

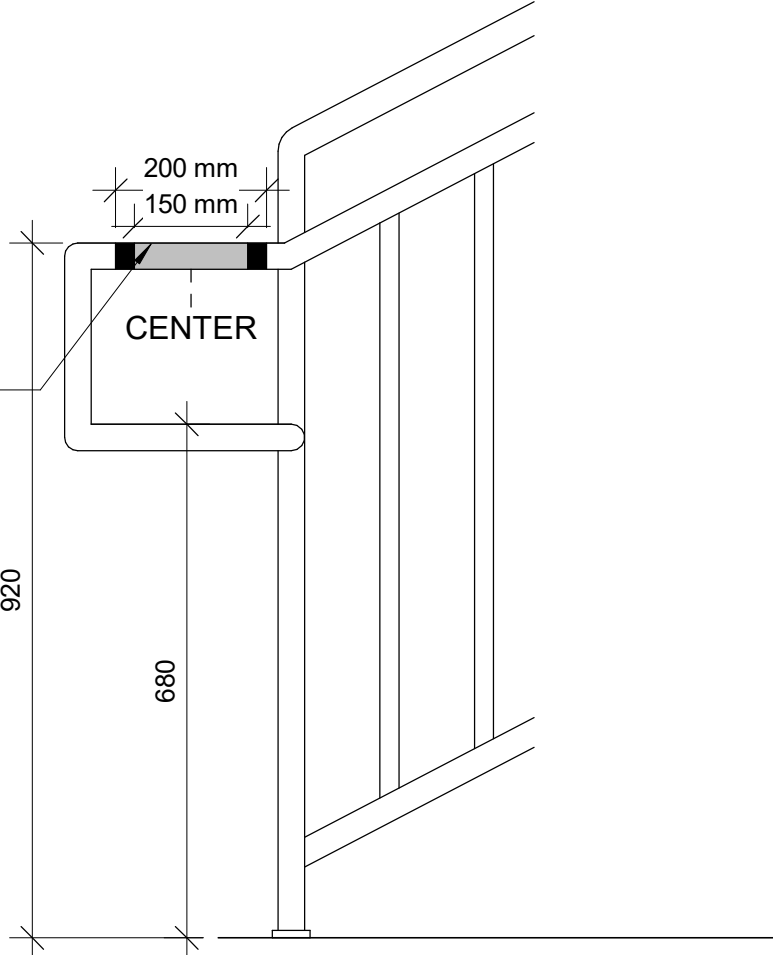


2 GUIDANCE BARS PLAN
D1405 / Scale: 1 : 5

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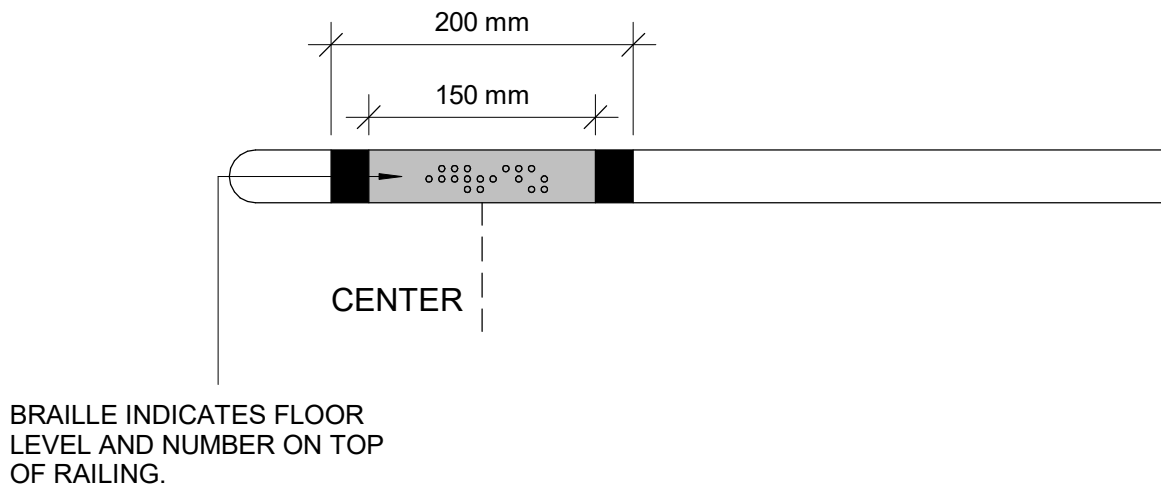
150mm LONG YELLOW COLOUR
WAYFINDING SIGN WITH BRAILLE AND
25mm WIDE RED COLOUR ON EITHER
SIDE OF THE SIGN

BRAILLE INDICATES FLOOR
LEVEL AND NUMBER ON TOP
OF RAILING. SEE 10/D1405



8 HANDRAIL WARNING STRIP
D1405 / Scale: 1 : 10

150mm LONG YELLOW COLOUR
WAYFINDING SIGN WITH BRAILLE AND
25mm WIDE RED COLOUR ON EITHER
SIDE OF THE SIGN



10 HANDRAIL HAZARD STRIP PLAN
D1405 / Scale: 1 : 5

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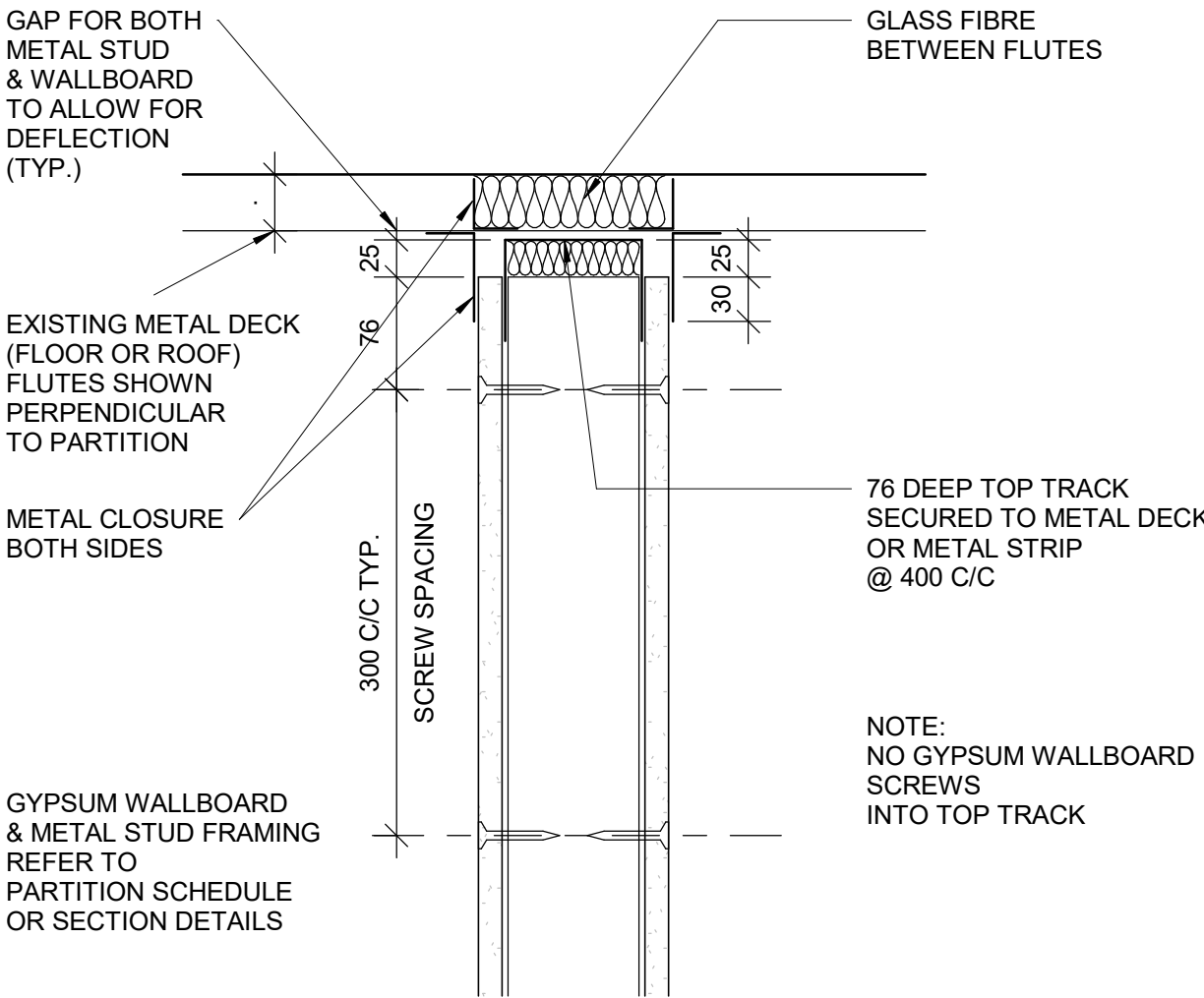
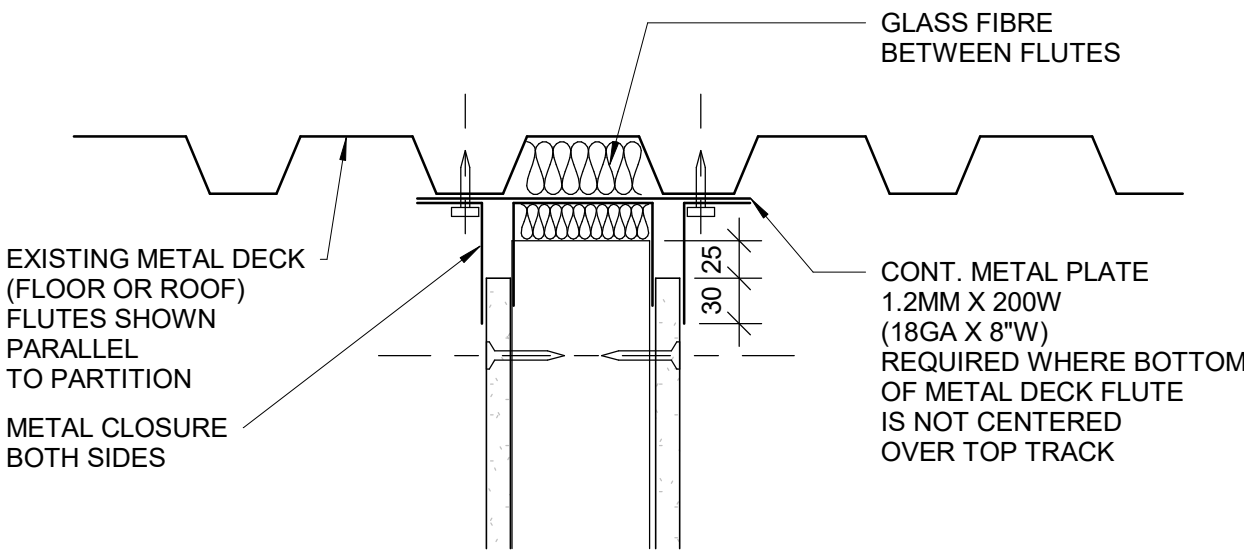
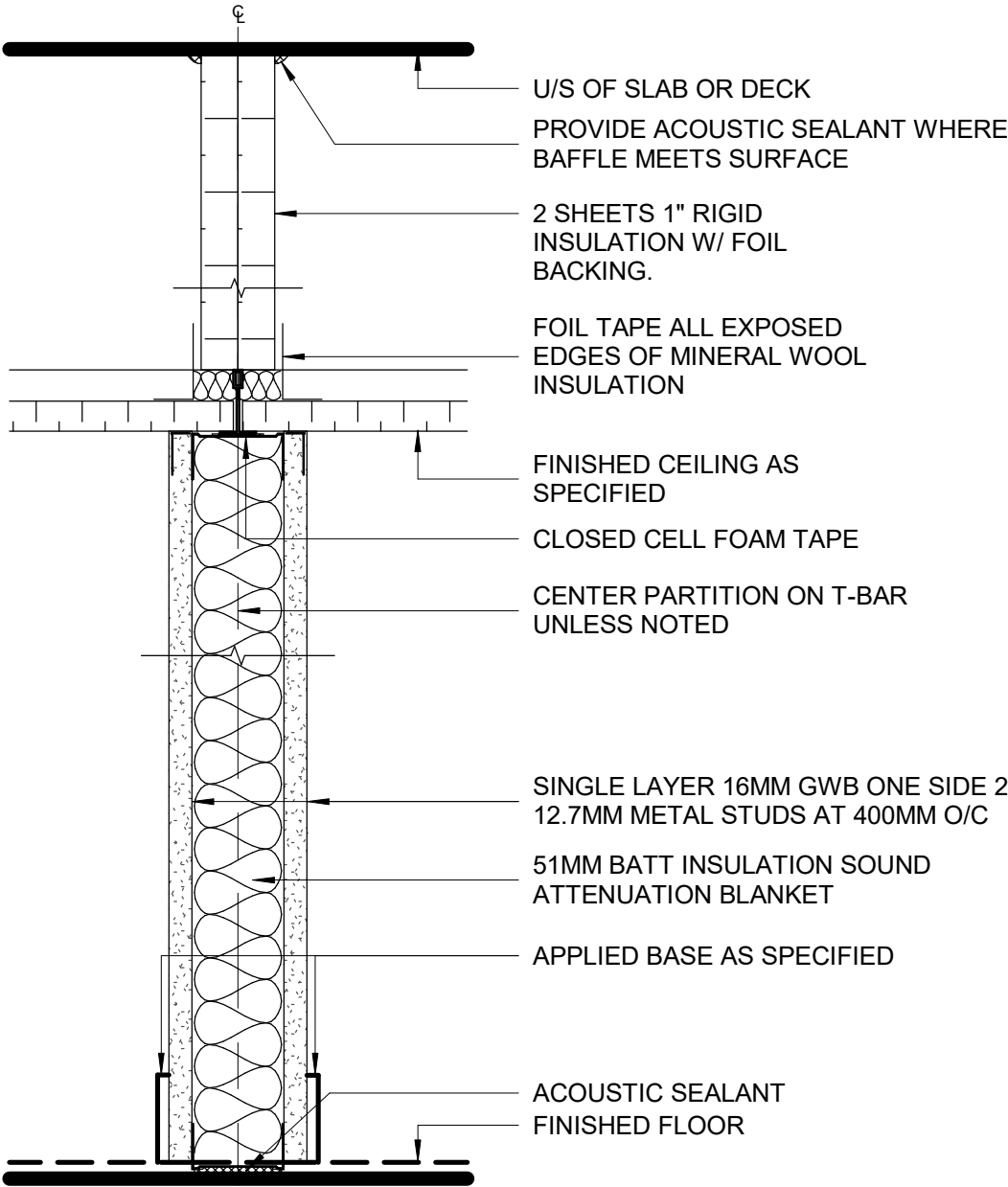
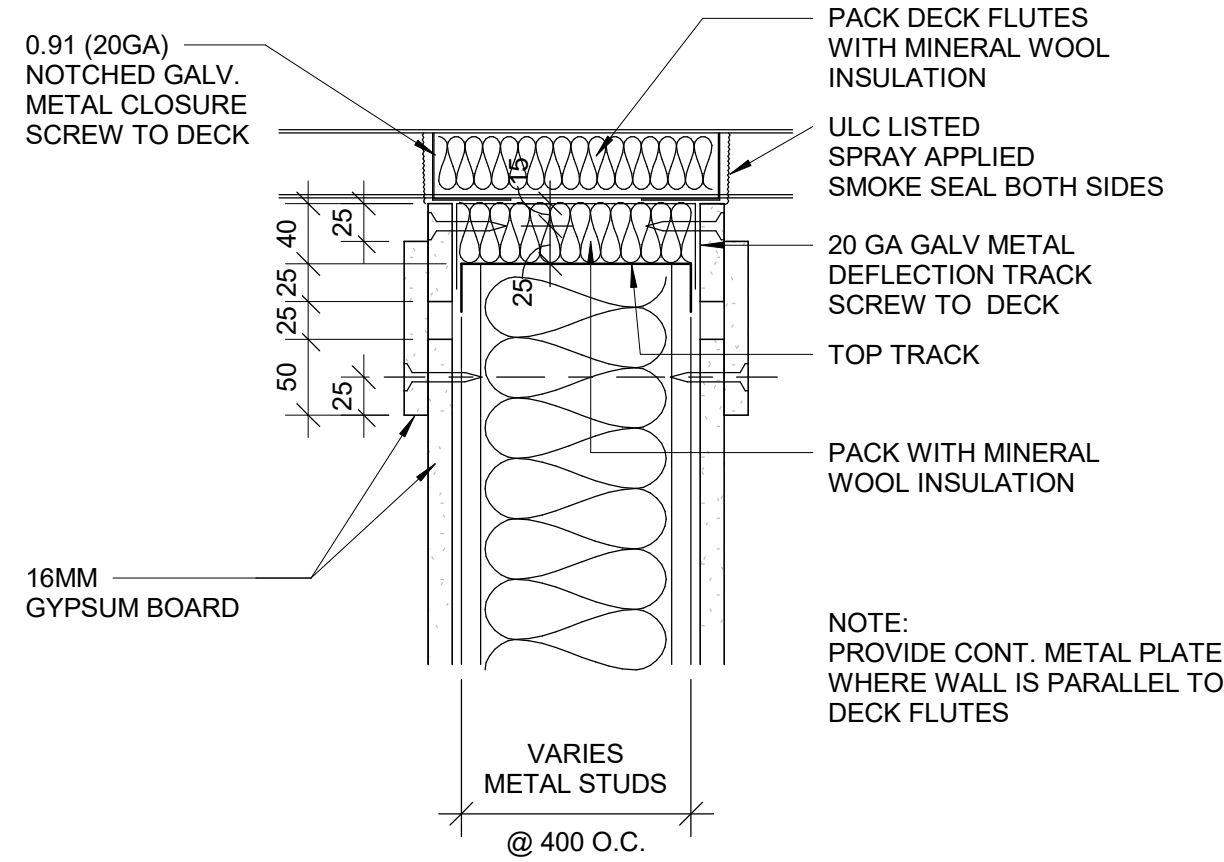
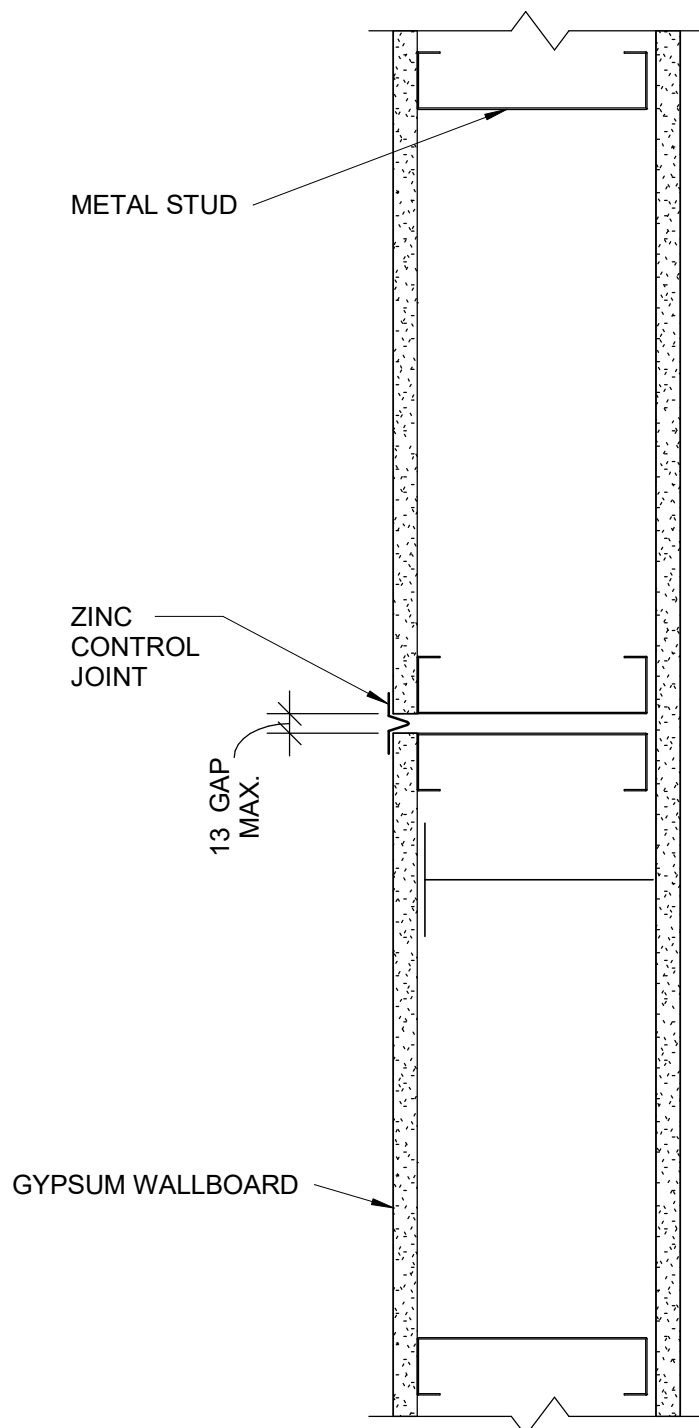
PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
E. FENUTA

SHEET TITLE
TACTILE DETAILS

SHEET NUMBER
D1405

ISSUE
A



1 CONTROL JOINT PLAN DETAIL - DRYWALL

D1501 Scale: 1 : 5

3 HEAD DRYWALL FIRE RATED PARTITION

D1501 Scale: 1 : 5

5 DRYWALL - ACOUSTICAL TREATMENT ABOVE CEILING

D1501 Scale: 1 : 5

4 HEAD FULL HEIGHT DRYWALL PARTITION - NON RATED

D1501 Scale: 1 : 5

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PROJECT MGR: F. BOLOURIAN	APPROVED BY: E. FENUTA

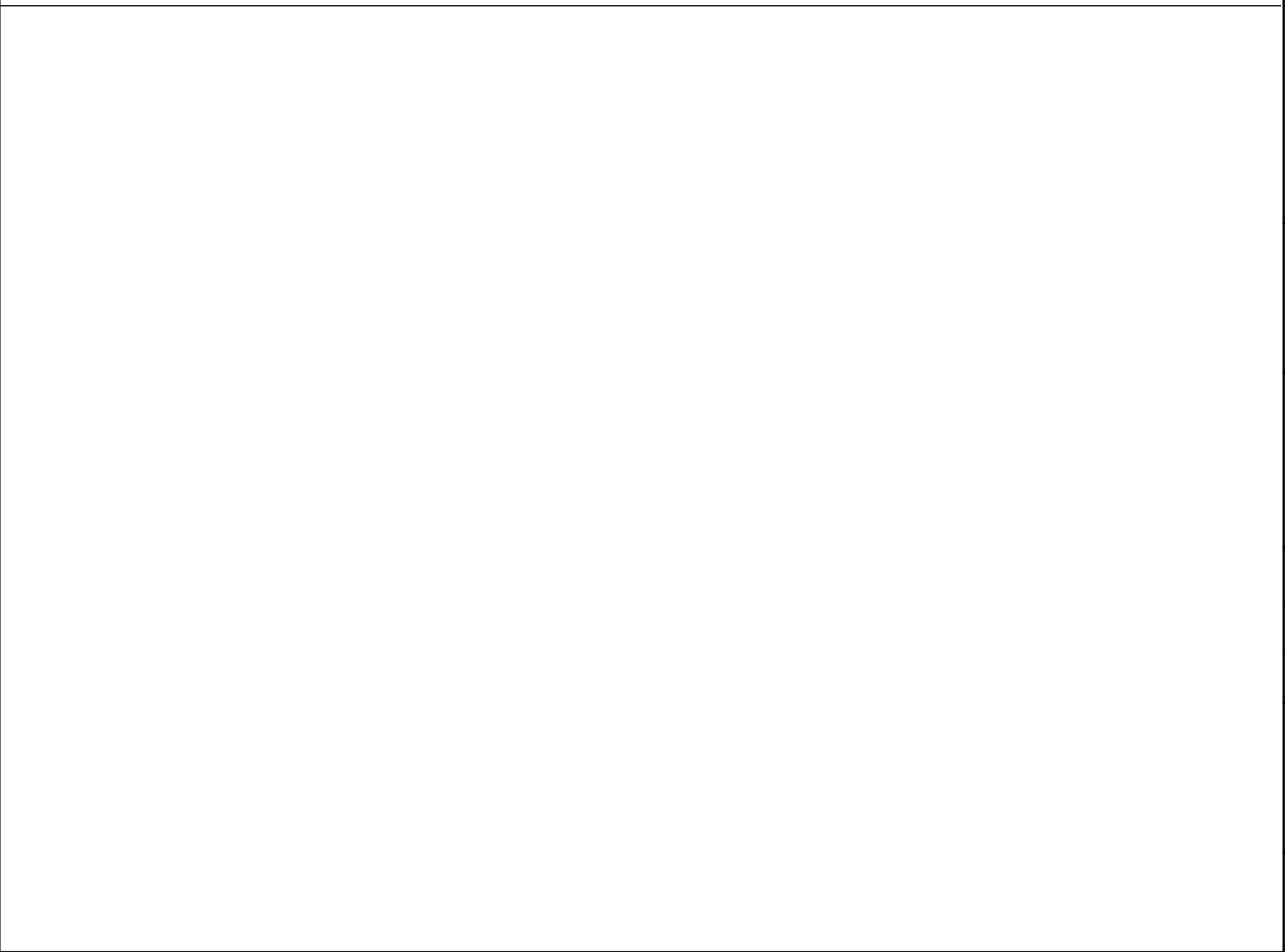
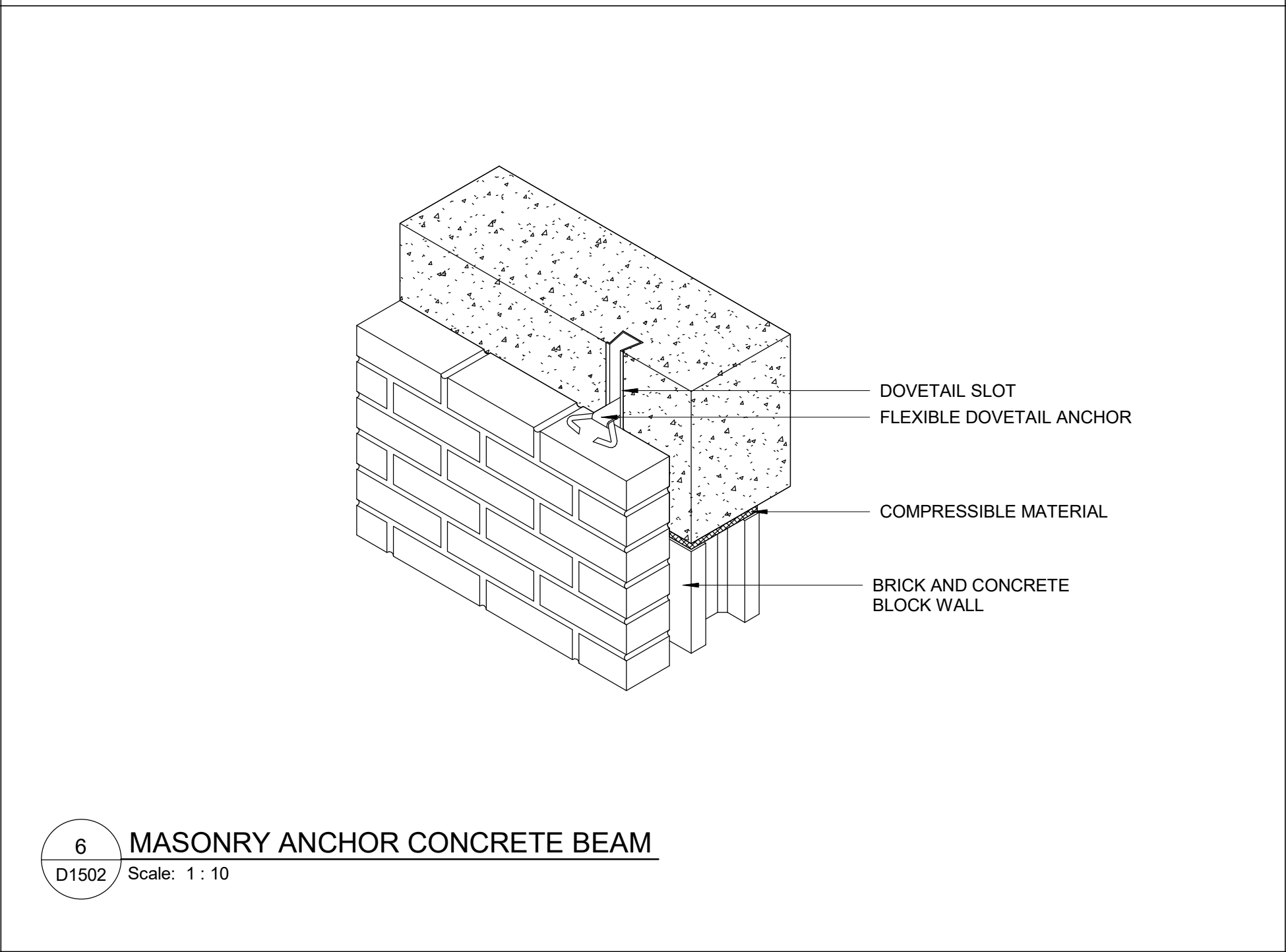
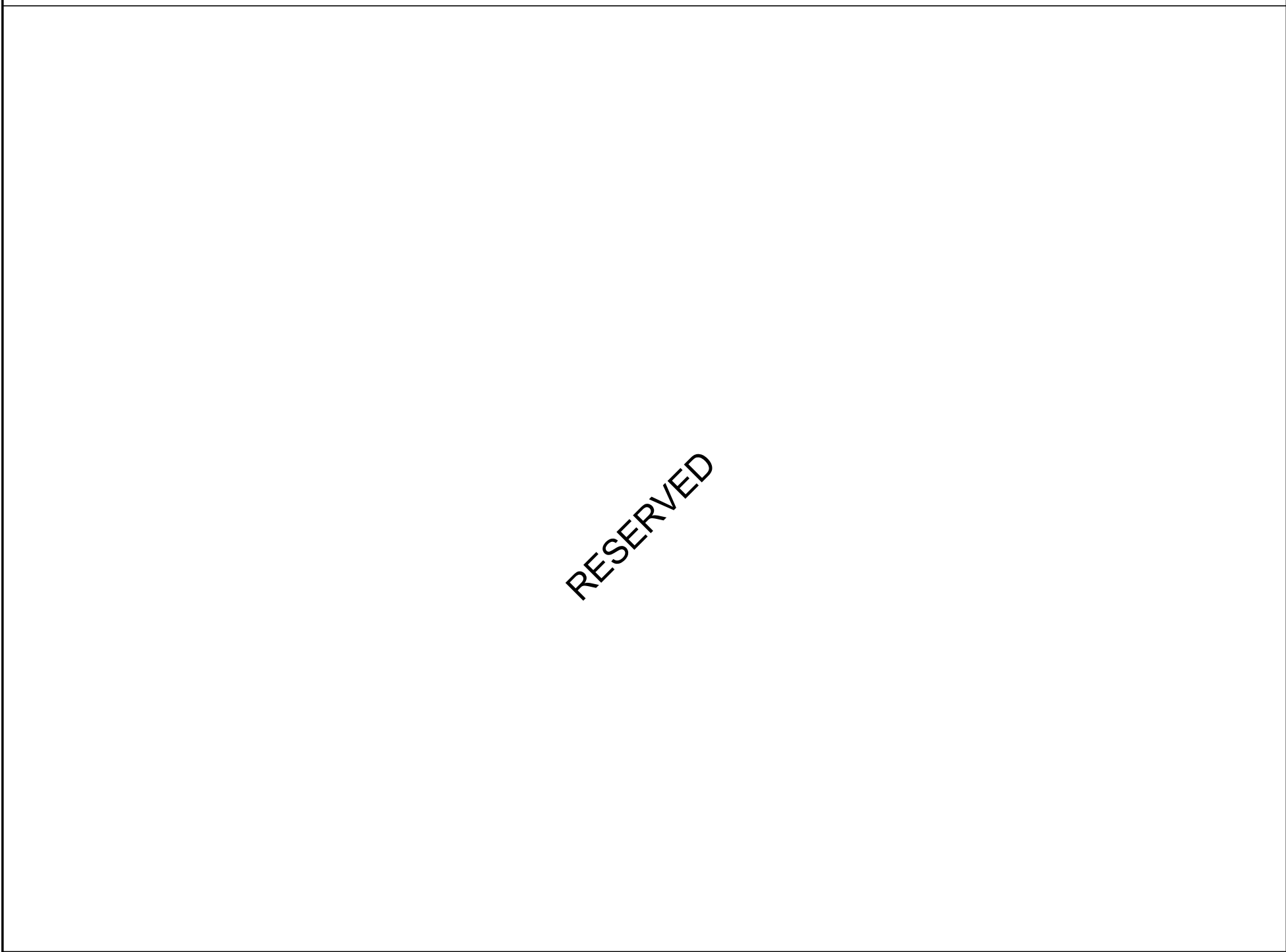
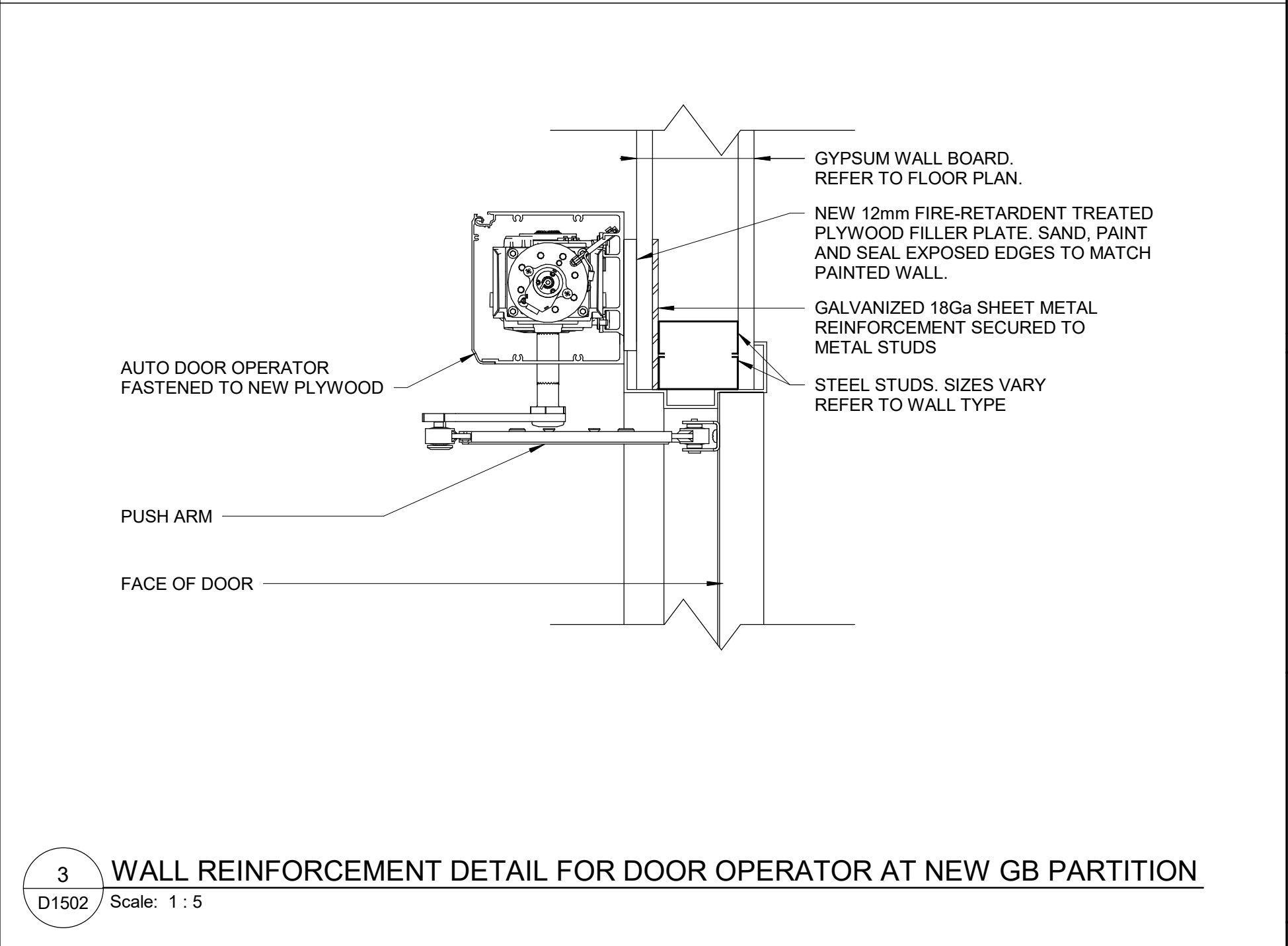
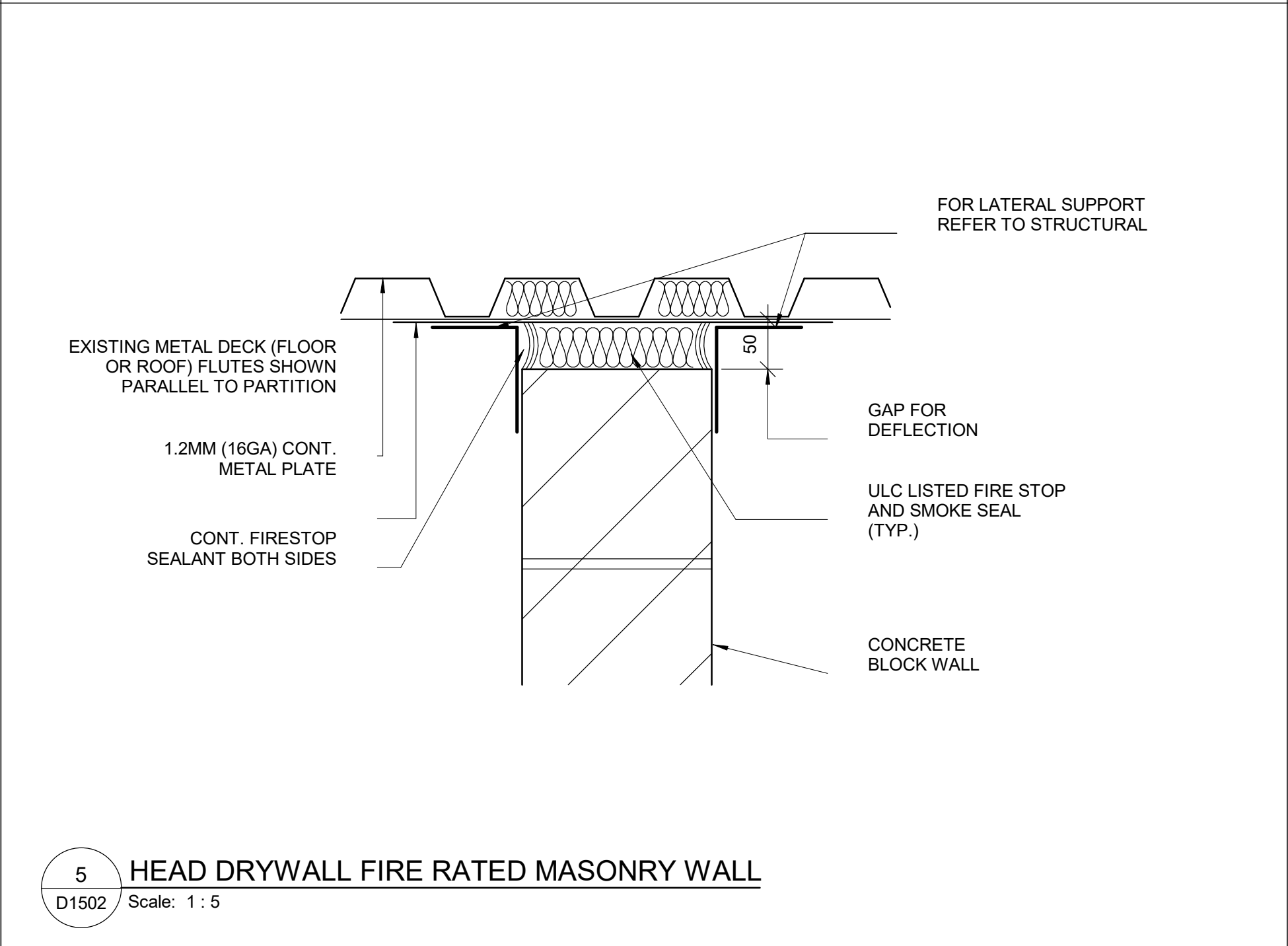
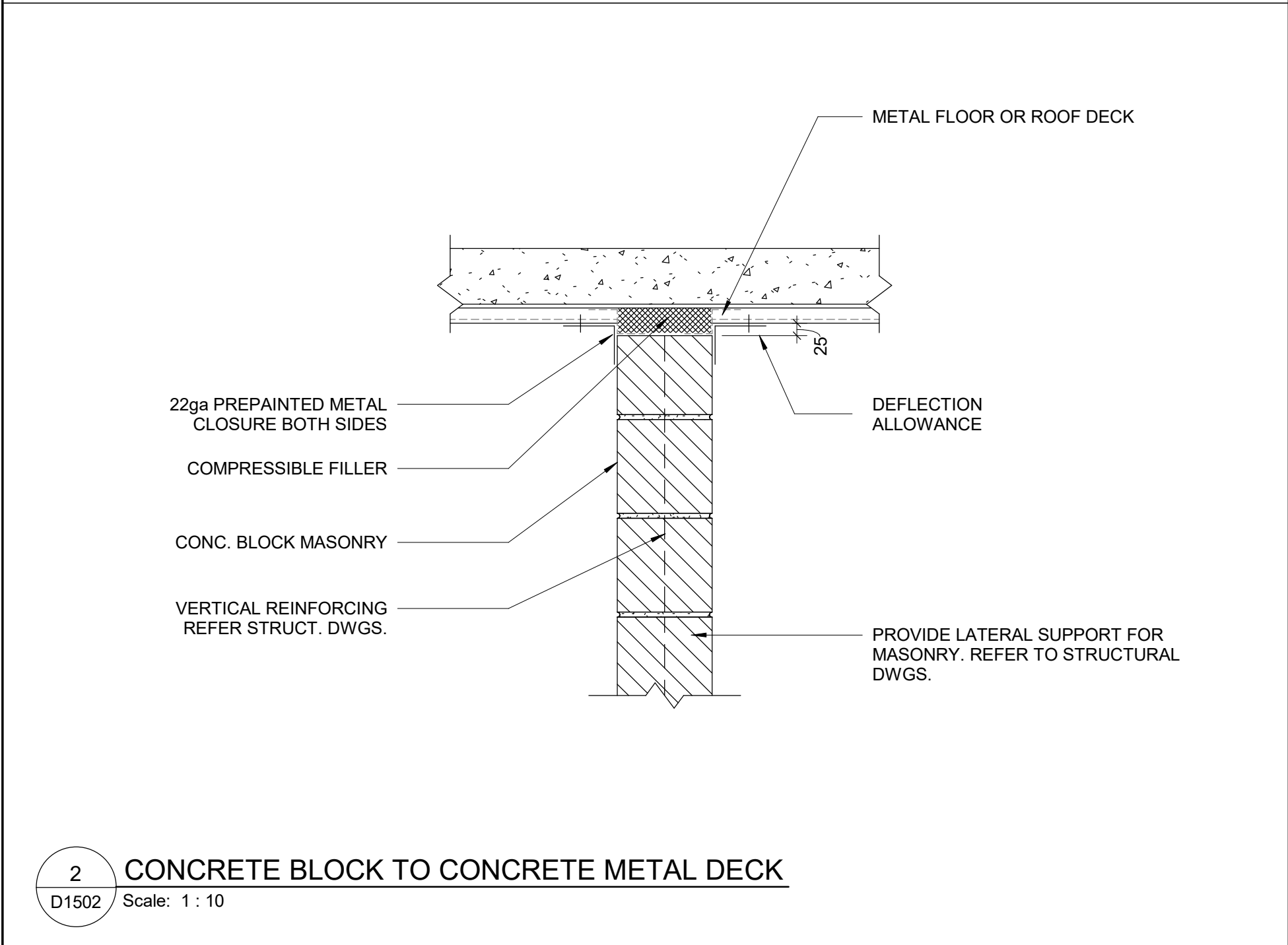
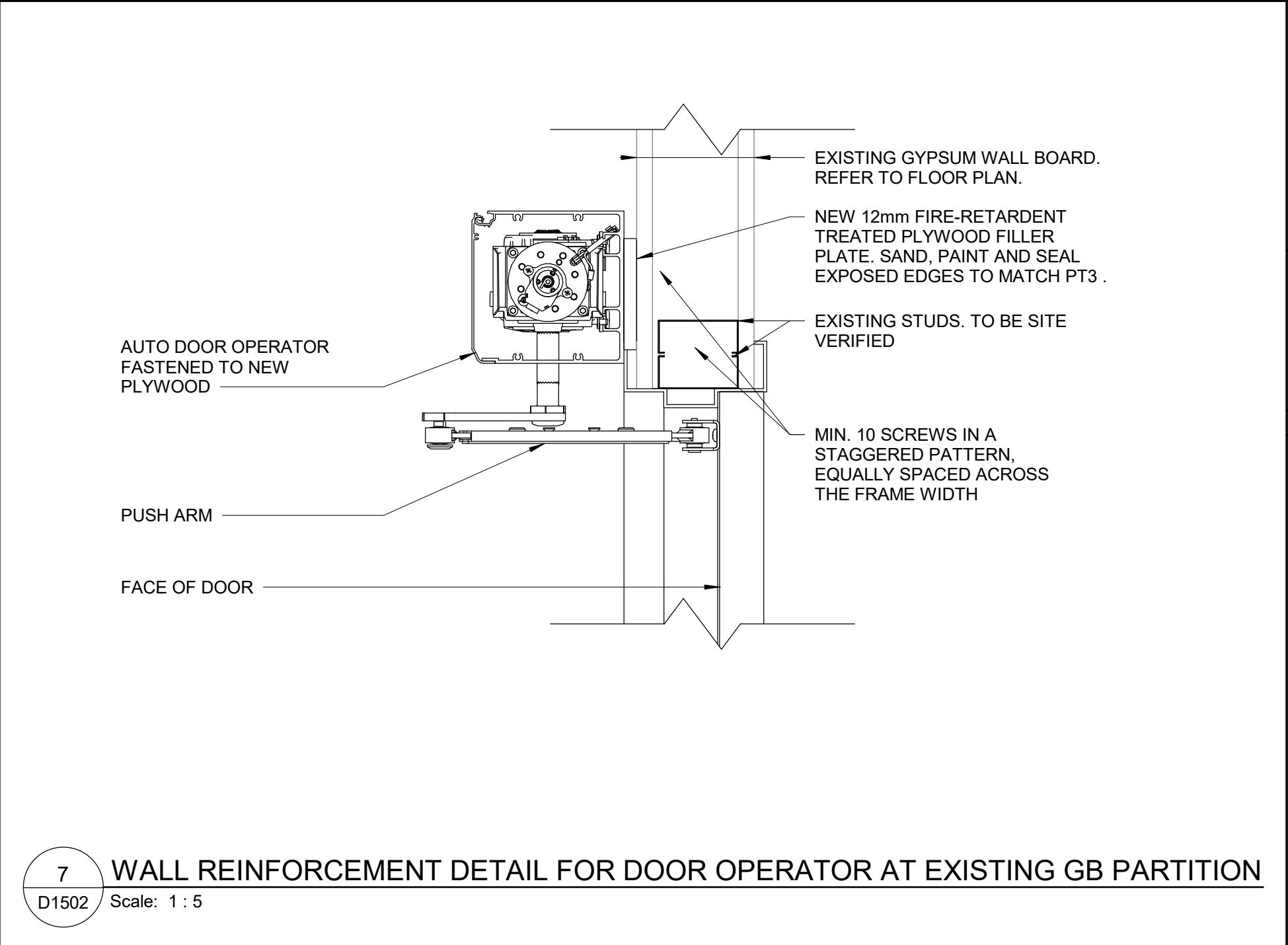
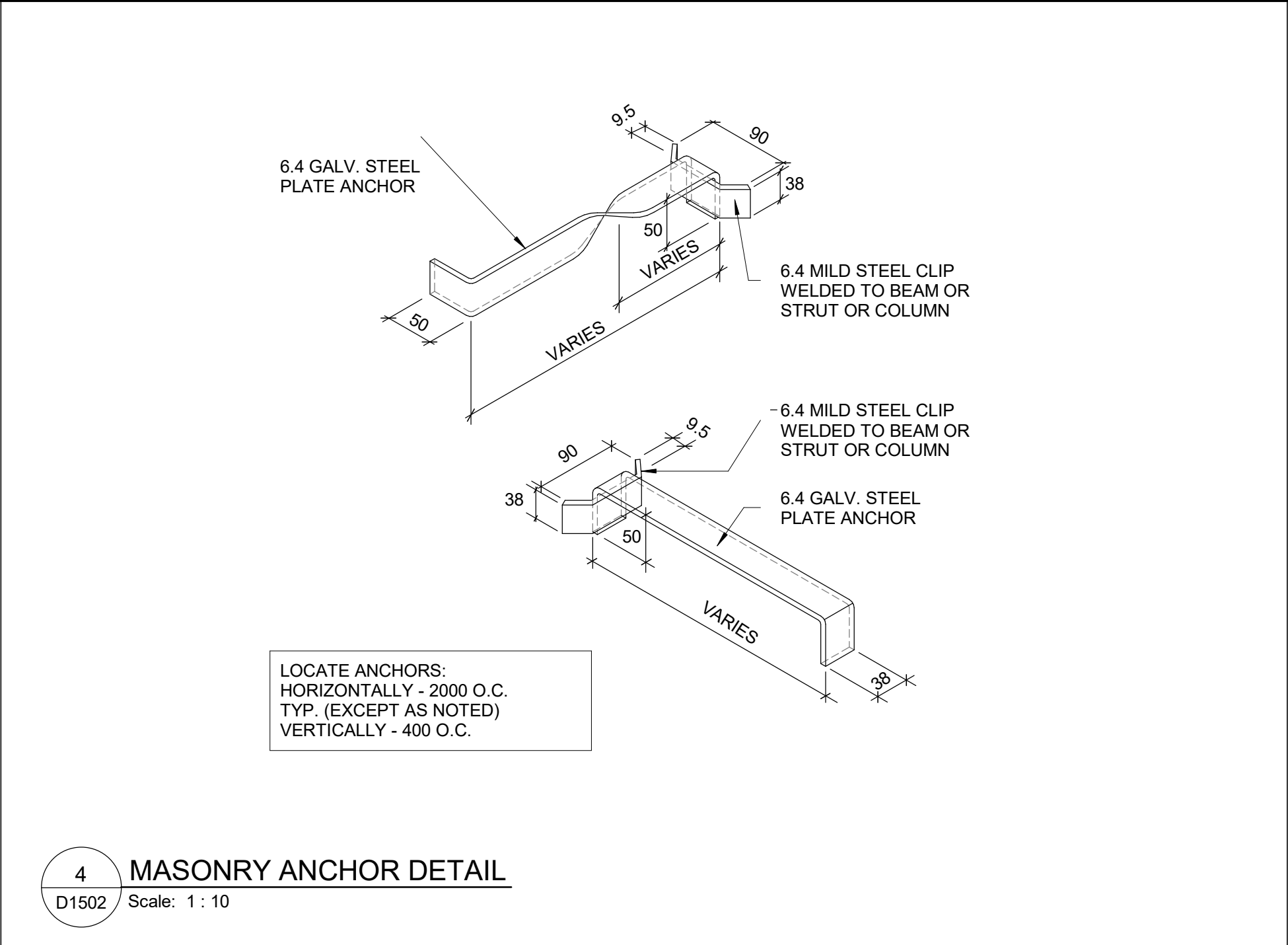
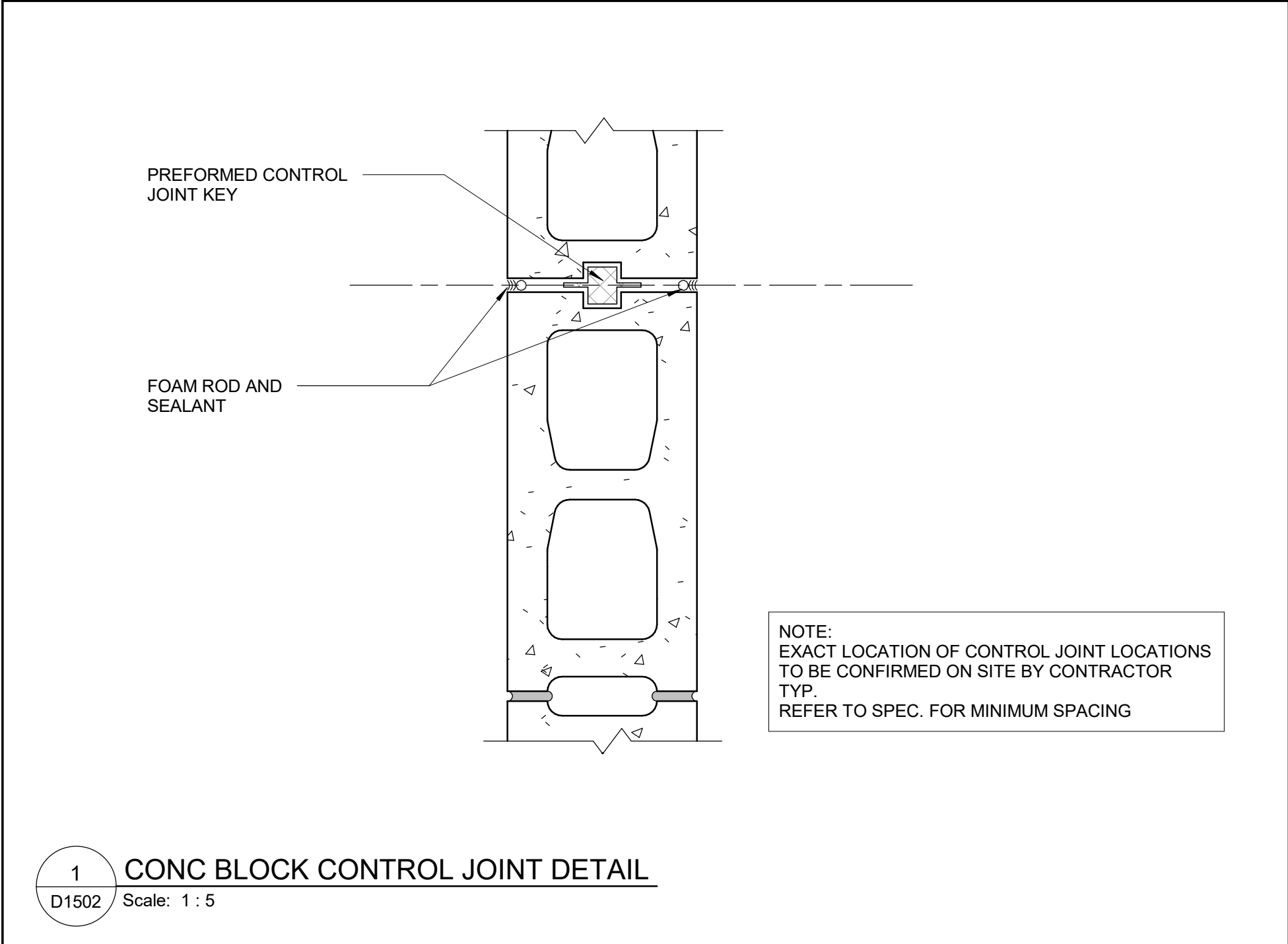
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MISCELLANEOUS
DETAILS - 01

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D1501	A

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SCALE CHECK
1 in 10mm



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PROJECT MGR: F. BOLOURIAN		APPROVED BY: E. FENUTA
SHEET TITLE MISCELLANEOUS DETAILS -02		
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PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

DRAWN BY:
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CHECKED BY:
K. TILAHUN

PROJECT MGR:
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APPROVED BY:
E. FENUTA

SHEET TITLE

ELEVAOTOR DETAILS

SHEET NUMBER

D1601

ISSUE

A

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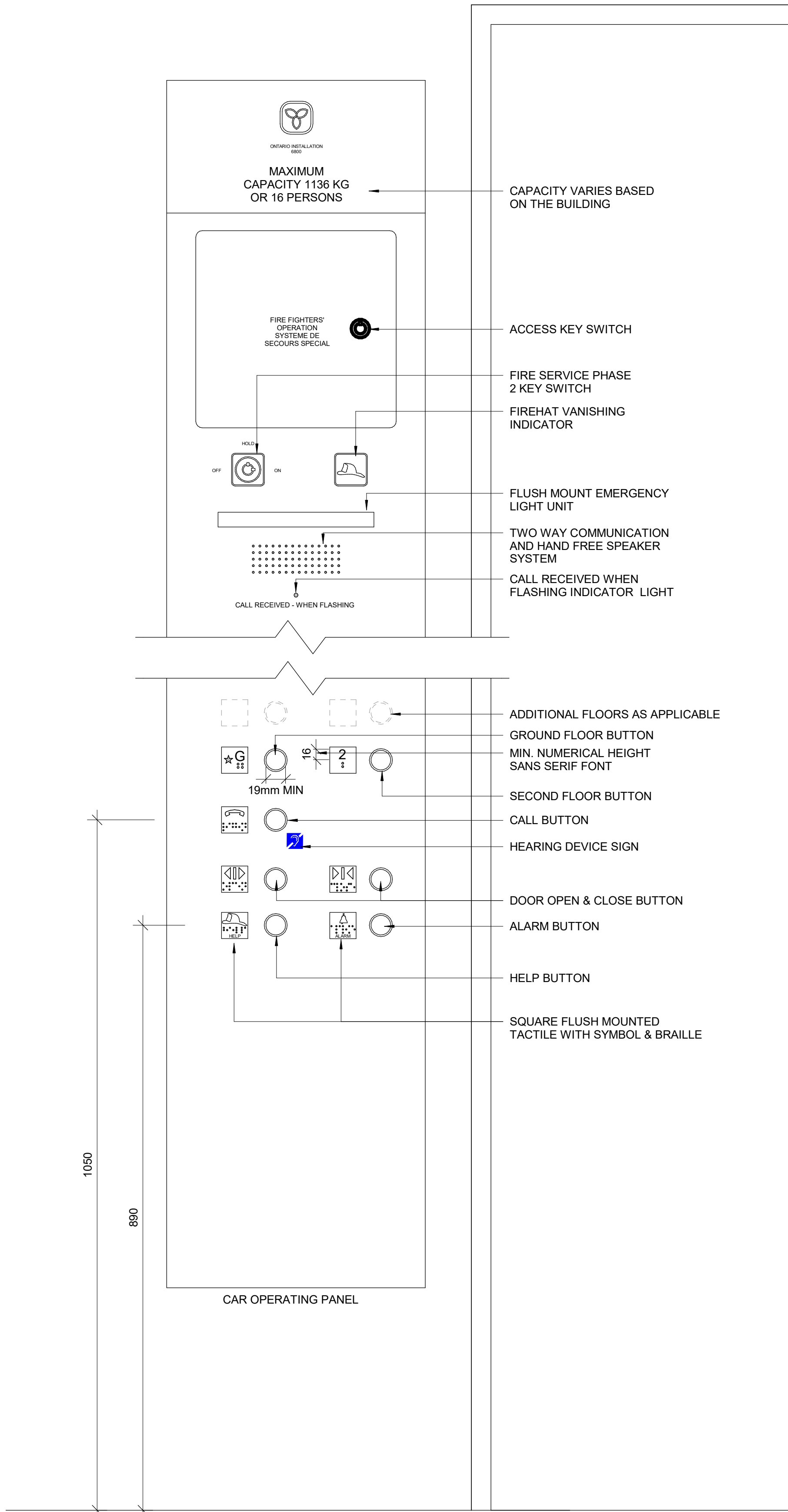
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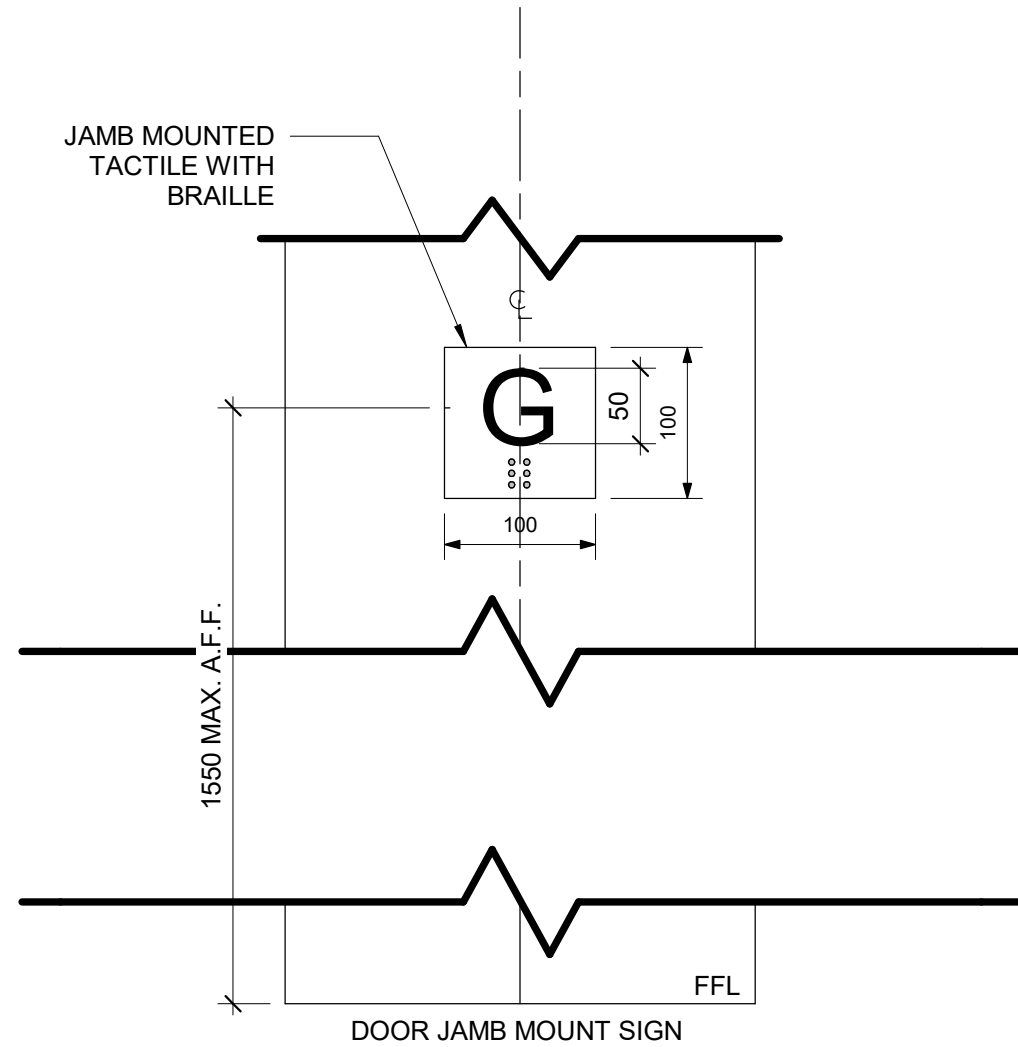
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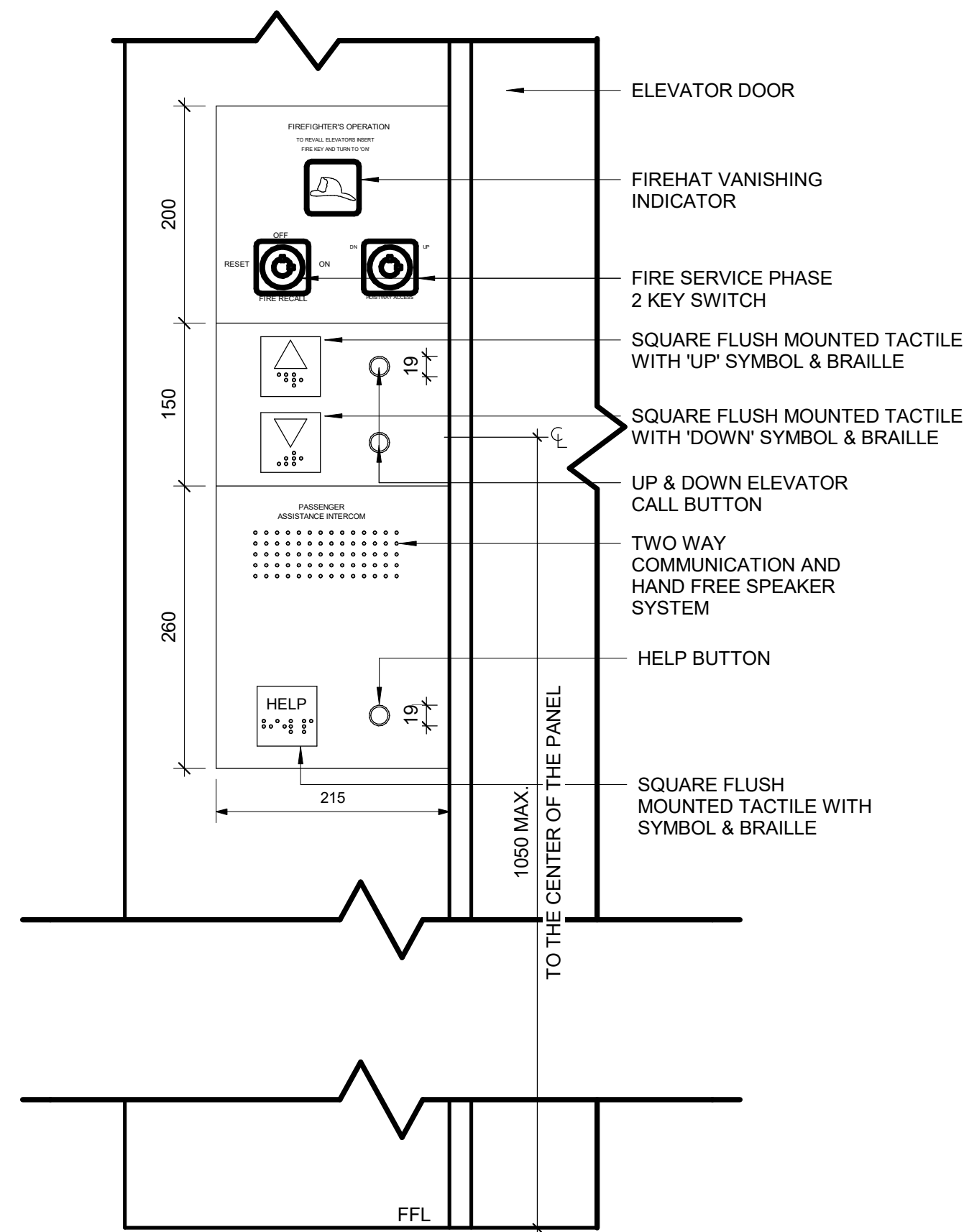
1 INTERIOR ELEVATOR CONTROLS
D1602 Scale: 1 : 5



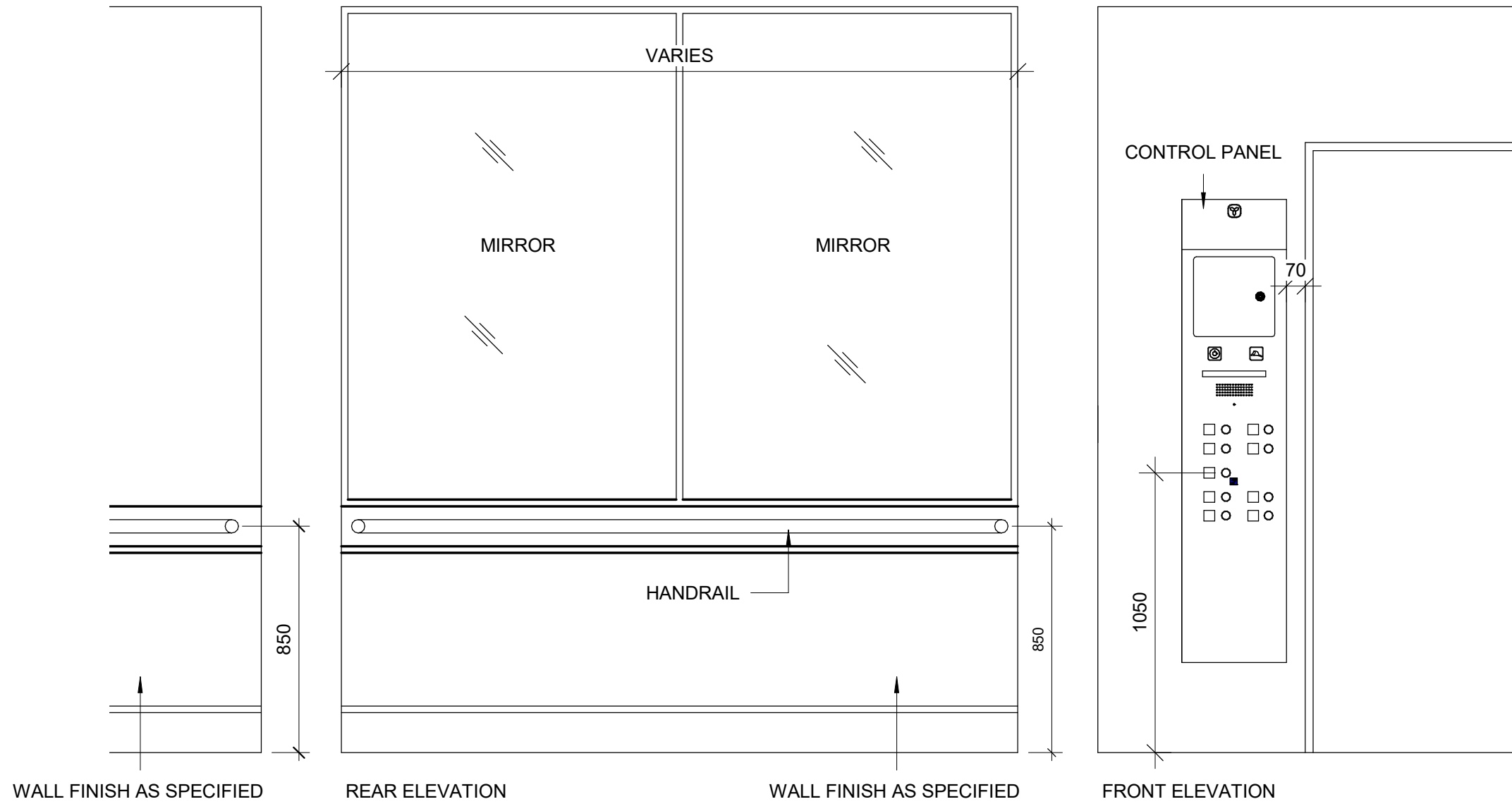
3 TACTILE FLOOR MARKER
D1602 Scale: 1 : 5



4 ELEVATOR EXTERIOR PANEL ELEVATION
D1602 Scale: 1 : 5



2 ELEVATOR INTERIOR ELEVATIONS
D1602 Scale: 1 : 20



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No.	DESCRIPTION	DATE
A	ISSUED FOR TENDER	2025-04-11

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tel 416 679 1930
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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

DRAWN BY:
A. BOYNARIAN

CHECKED BY:
K. TILAHUN

PROJECT MGR:
F. BOLOURIAN

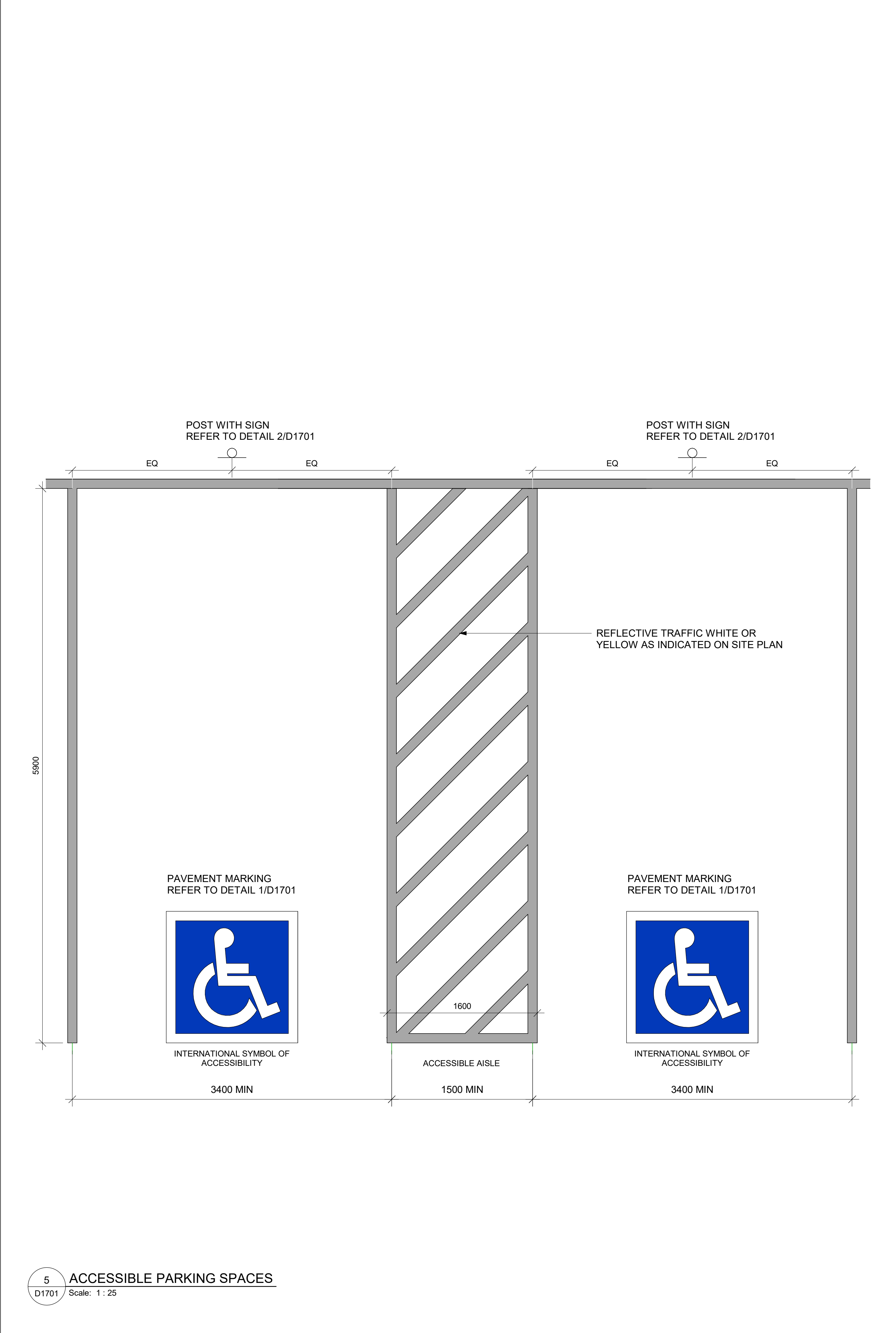
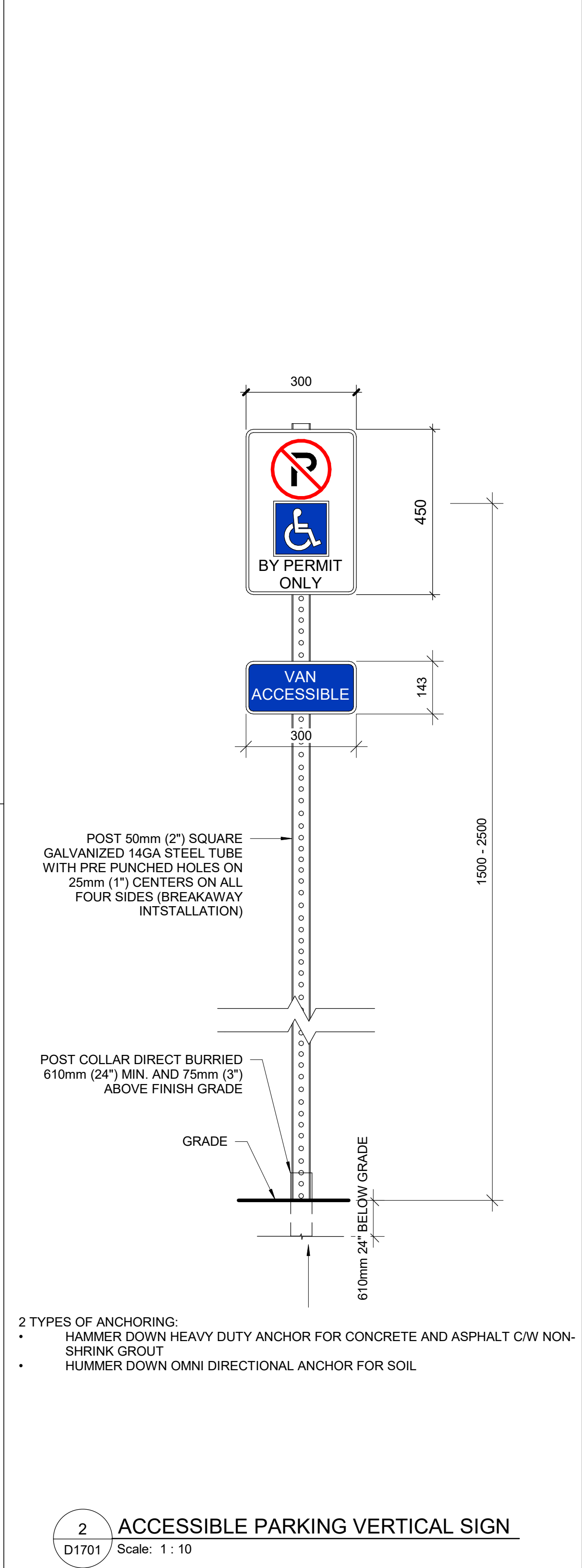
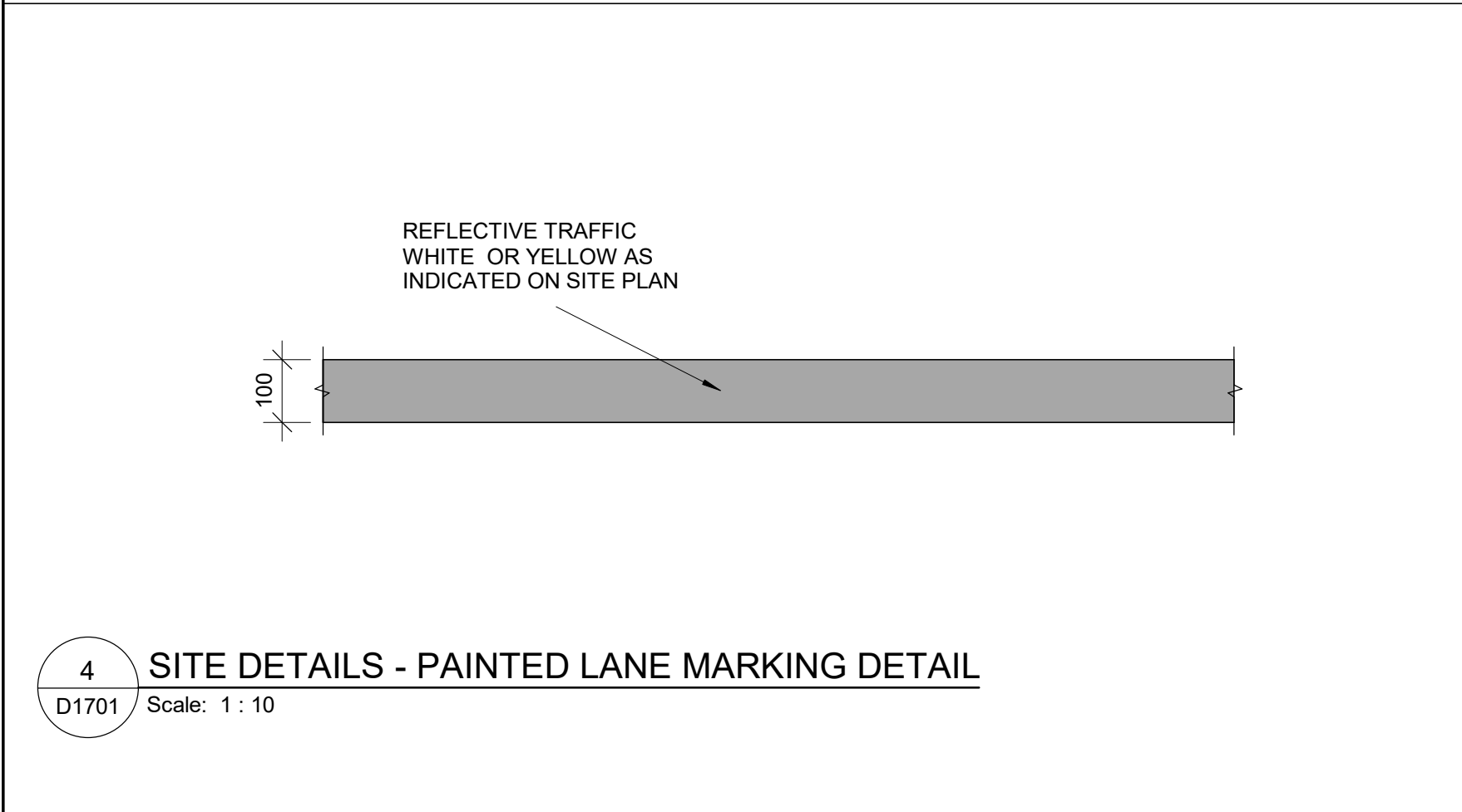
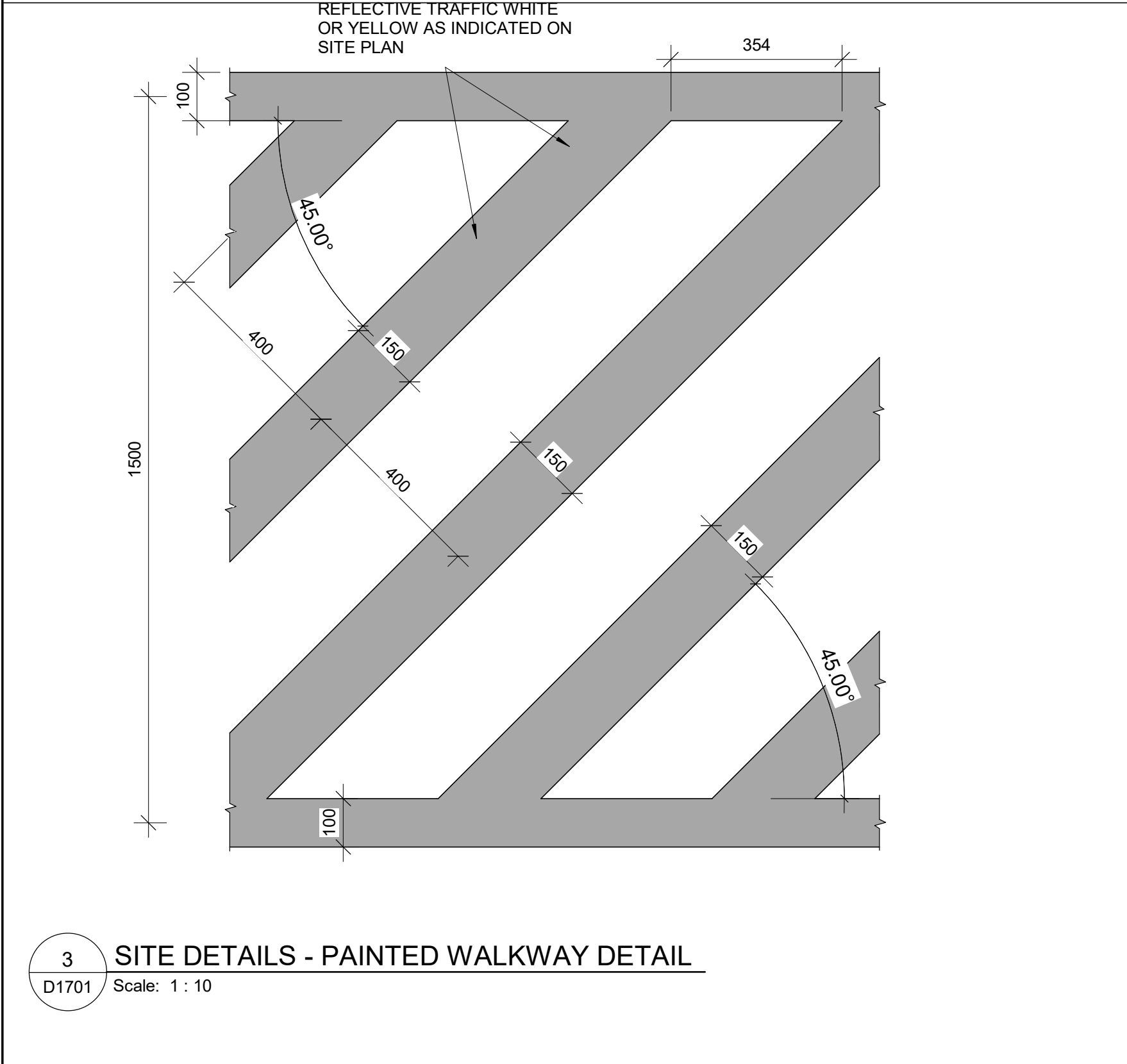
APPROVED BY:
E. FENUITA



SHEET TITLE
**ELEVATOR CONTROL &
INTERIOR CABIN
DETAILS**

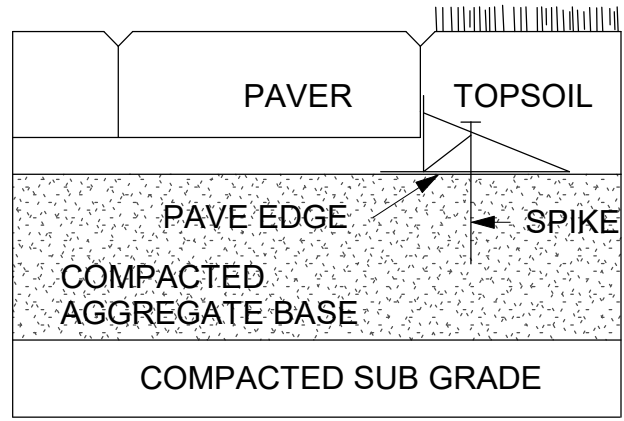
SHEET NUMBER
D1602

ISSUE
A

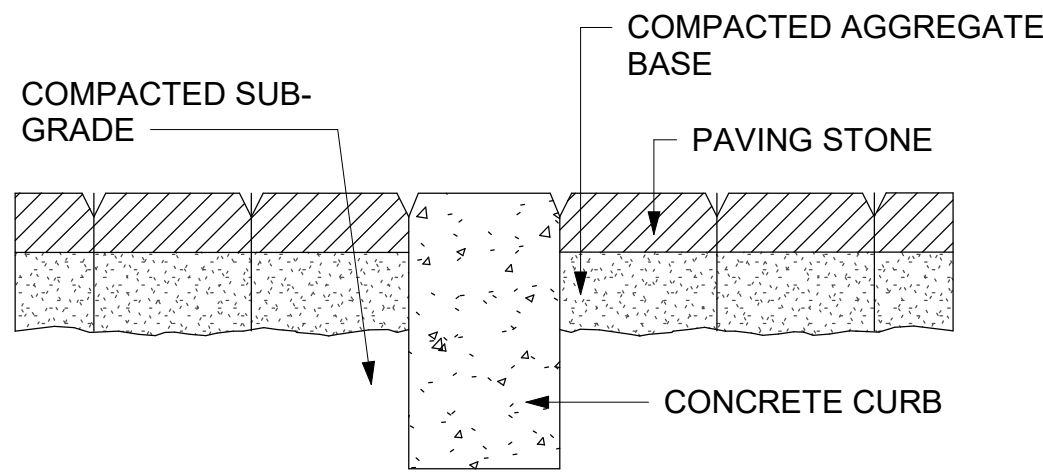
SCALE CHECK
1"=10mm



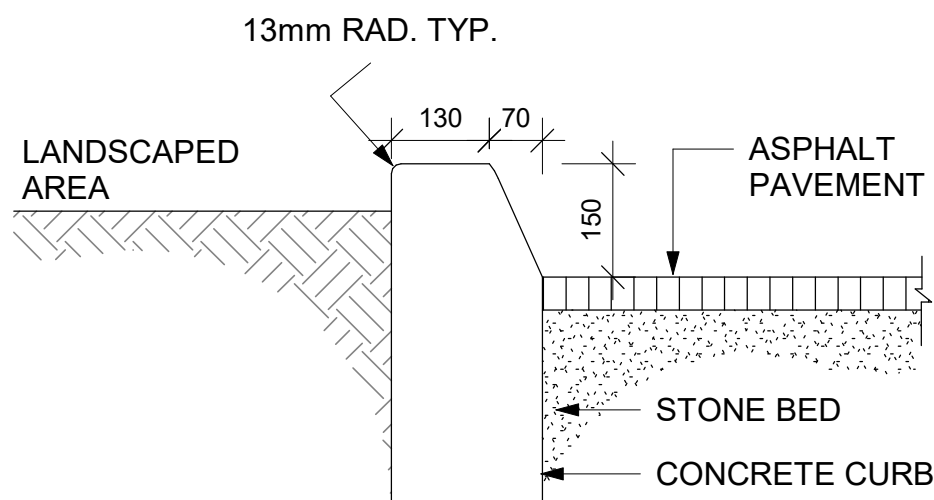
CLIENT CITY OF TORONTO <div>TORONTO</div> Corporate Real Estate Management Project Management Office Metro Hall Toronto, ON MSV 3C6		
COPYRIGHT This drawing has been prepared solely for the intended use, thus any reproduction or distribution for any purpose other than authorized by IBI Group is forbidden. Written dimensions shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job, and IBI Group shall be informed of any variations from the dimensions and conditions shown on the drawing. Shop drawings shall be submitted to IBI Group for general conformance before proceeding with fabrication. IBI Group Professional Services (Canada) Inc. is a member of the IBI Group of companies		
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PRIME CONSULTANT		
<div>ARCADIS</div> 100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com		
PROJECT TITLE CITY OF TORONTO ACCESSIBILITY UPGRADES		
PROJECT ADDRESS		
PROJECT NO: 9119- 19- 0162 / Arcadis 30279056		
DRAWN BY: A. BOYNARIAN		CHECKED BY: K. TILAHUN
PROJECT MGR: F. BOLOURIAN		APPROVED BY: E. FENUTA
SHEET TITLE ACCESSIBLE PARKING AND SITE MARKING DETAILS		
SHEET NUMBER D1701		ISSUE A



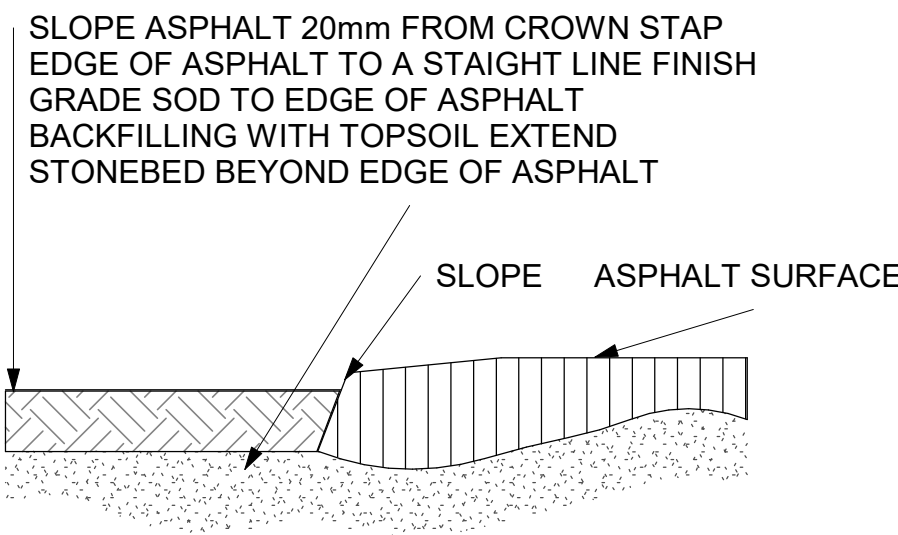
1 PAVER
D1702 Scale: 1 : 10



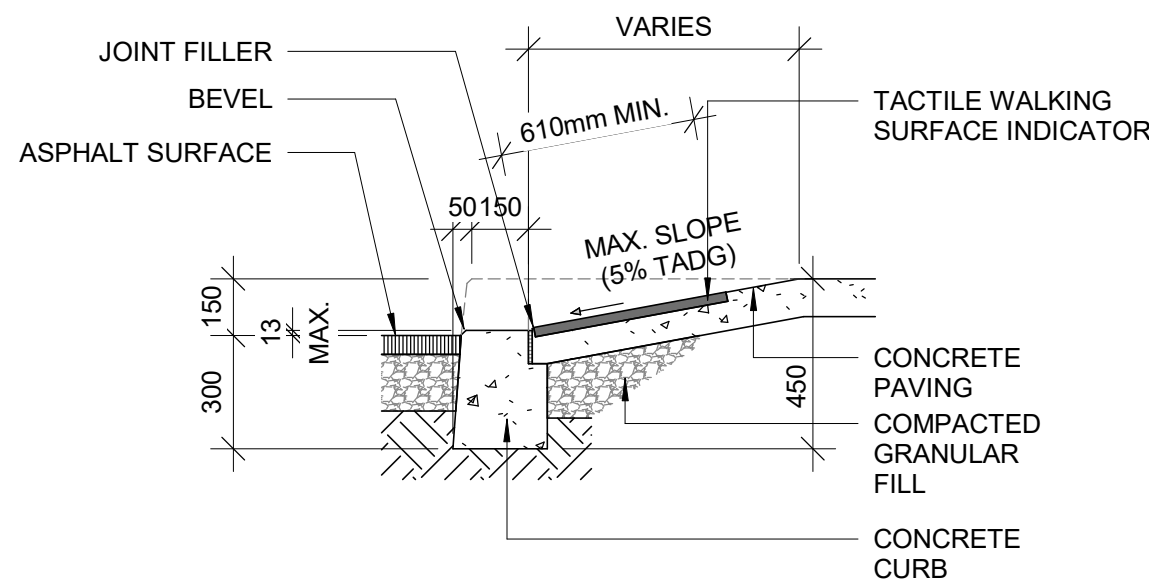
2 DEPRESSION CURB
D1702 Scale: 1 : 10



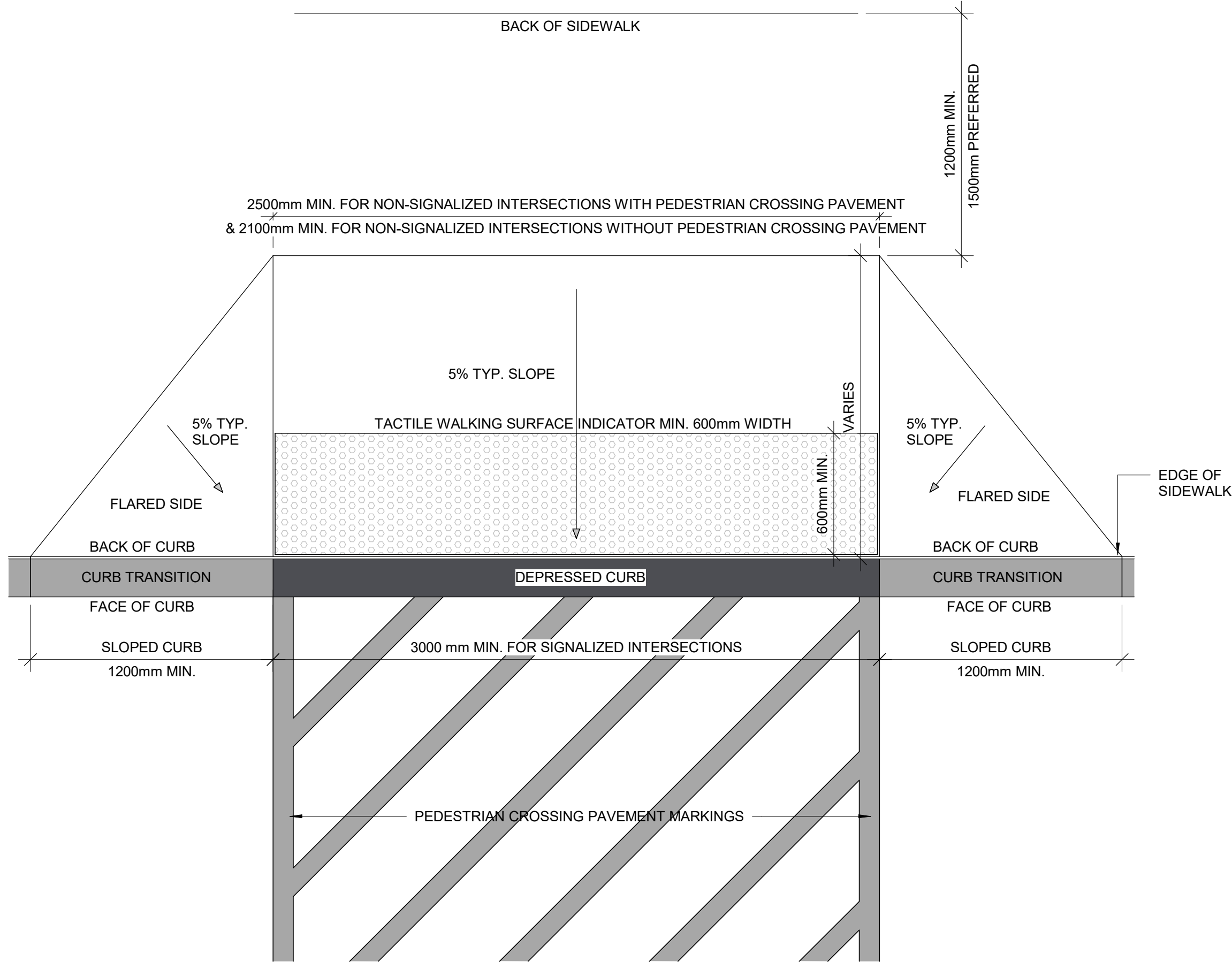
3 CURB DETAIL AT LANDSCAPED AREA
D1702 Scale: 1 : 10



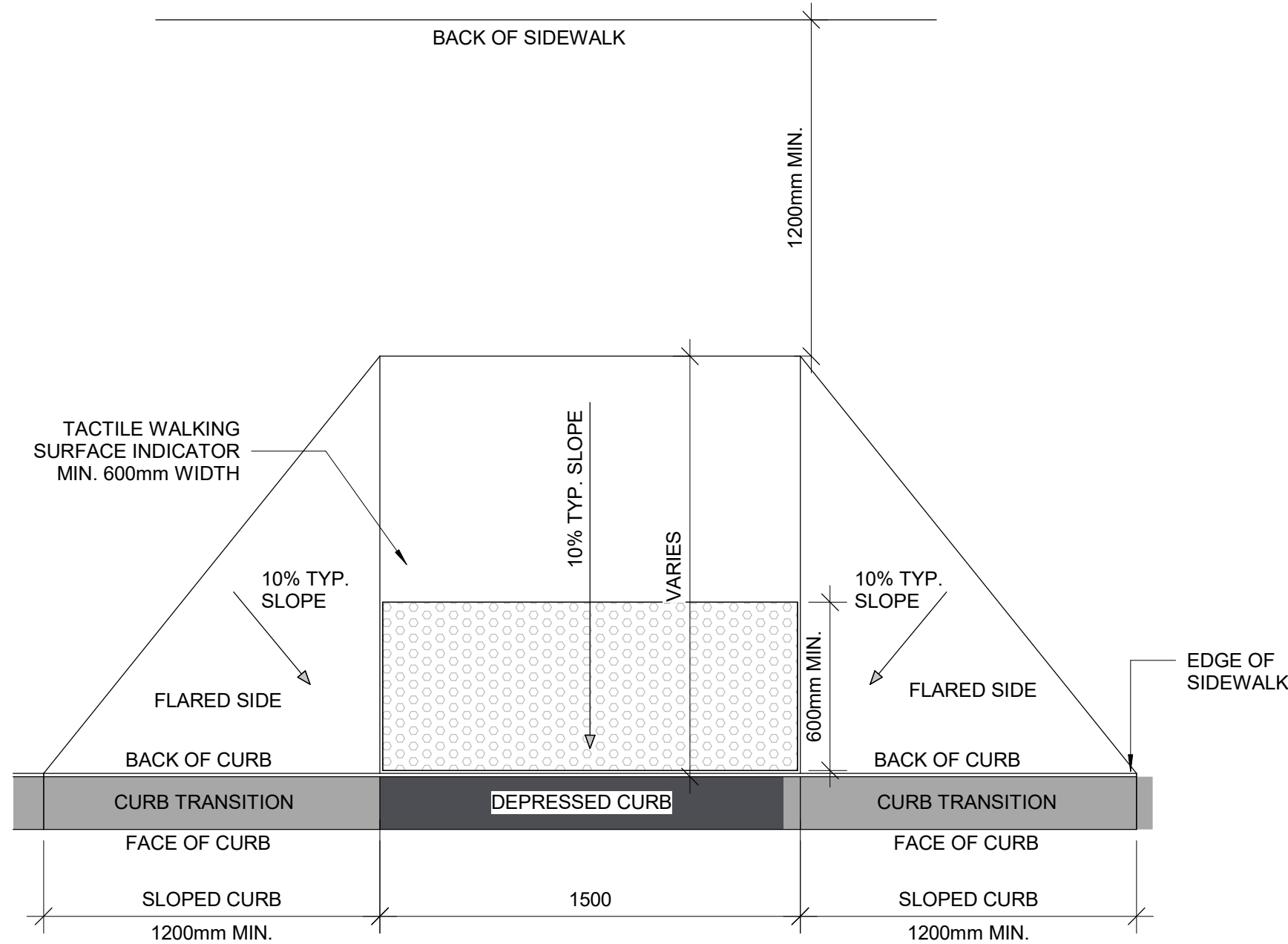
4 ASPHALT EDGE
D1702 Scale: 1 : 10



6 CURB RAMP SECTION
D1702 Scale: 1 : 20



5 LARGE CURB RAMP PLAN
D1702 Scale: 1 : 20



7 CURB RAMP PLAN
D1702 Scale: 1 : 20

ISSUES		
No.	DESCRIPTION	DATE
A	ISSUED FOR TENDER	2025-04-11

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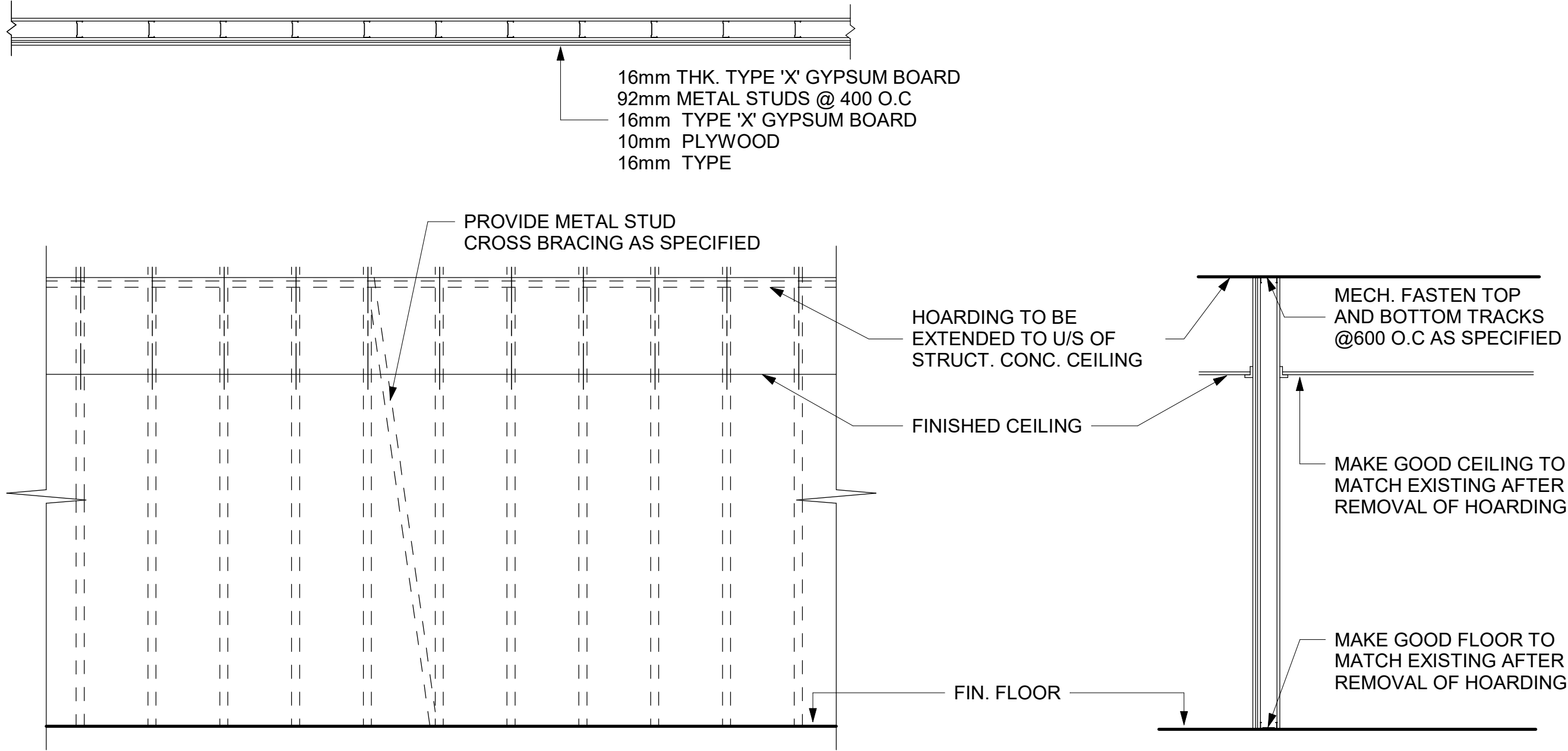
PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

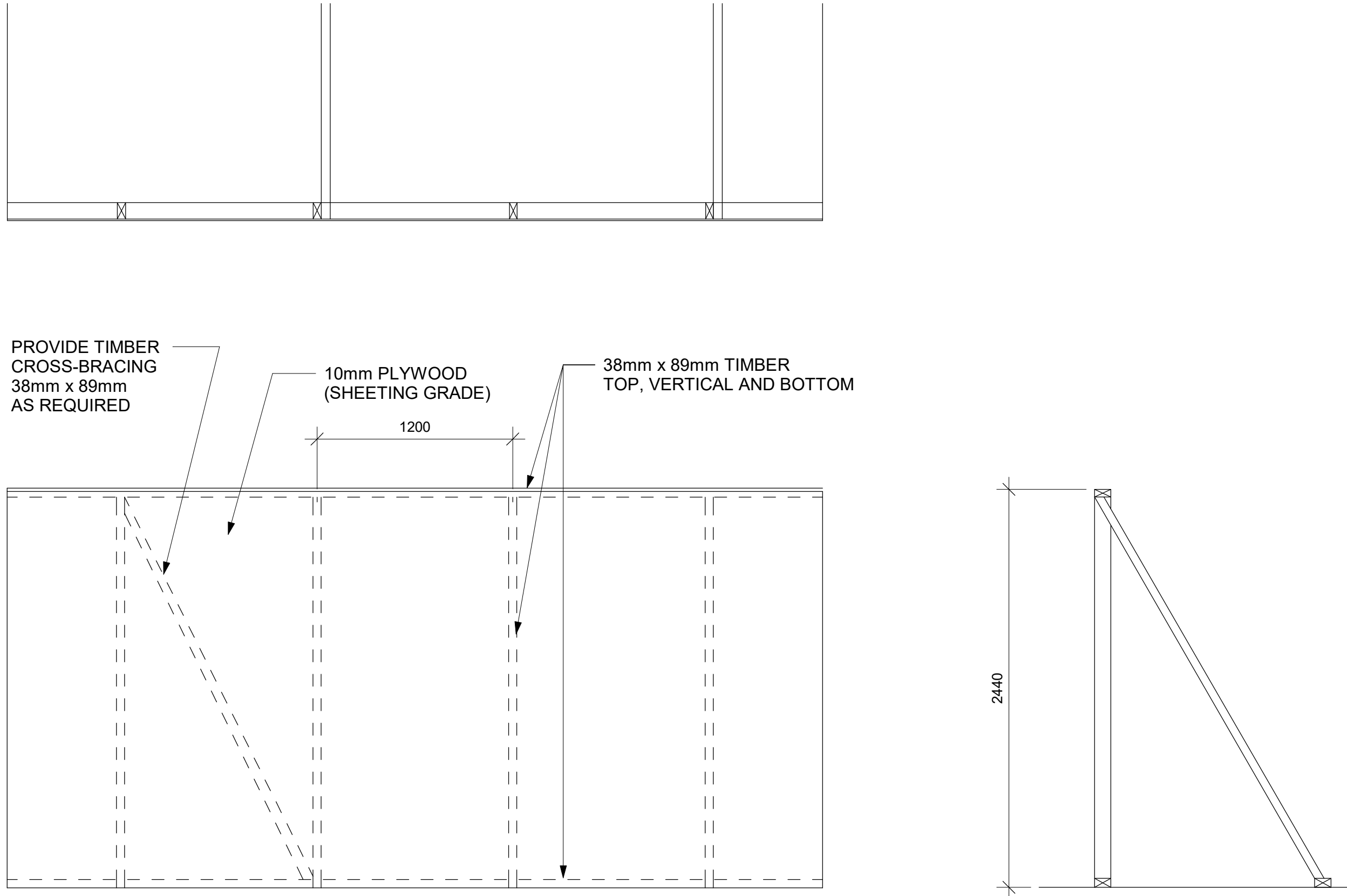
PROJECT NO:
9119- 19- 0162 / Arcadis 30279056
DRAWN BY:
A. BOYNARIAN
CHECKED BY:
K. TILAHUN
PROJECT MGR:
F. BOLOURIAN
APPROVED BY:
E. FENUITA

SHEET TITLE
CURB DETAILS

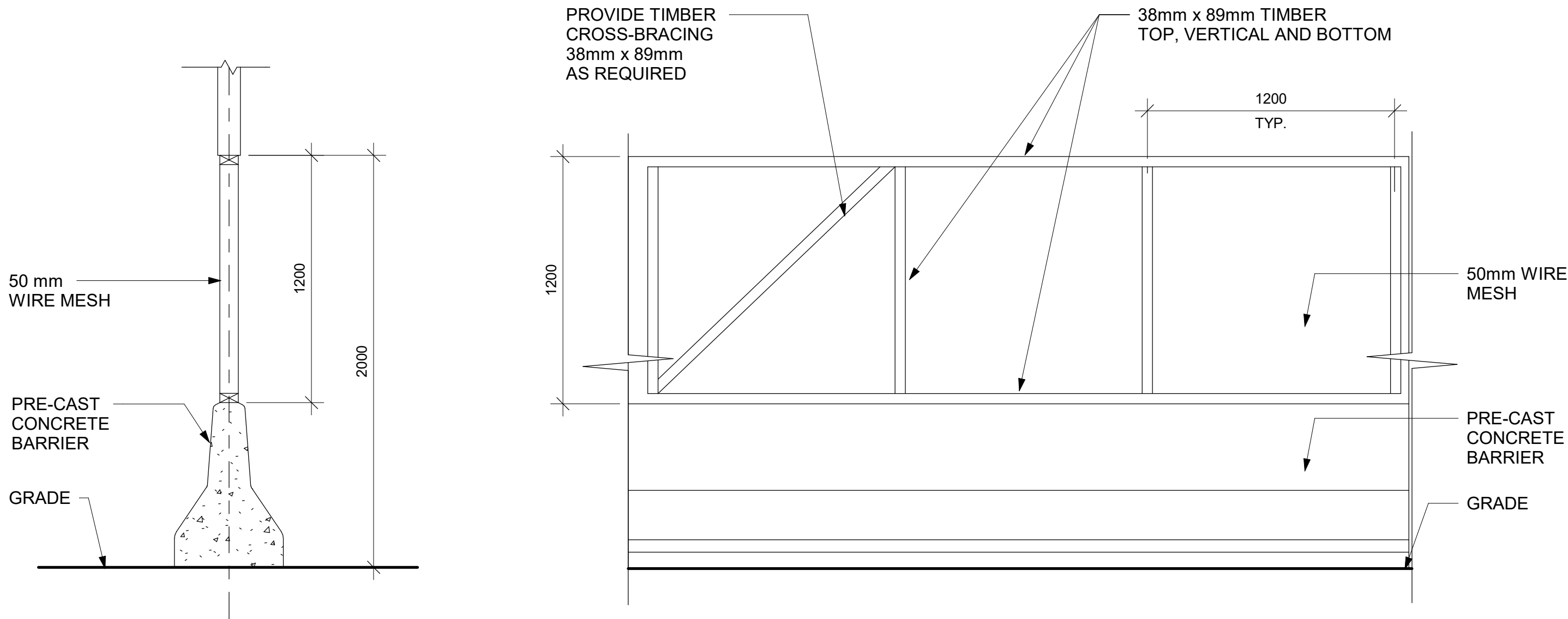
SHEET NUMBER
D1702
ISSUE
A



1 PHASING / HOARDING DETAILS 1
D1801 Scale: 1 : 25




3 PHASING / HOARDING DETAILS 3
D1801 Scale: 1 : 25



2 PHASING / HOARDING DETAILS 2
D1801 Scale: 1 : 20

CLIENT

CITY OF TORONTO



Corporate Real Estate Management
Project Management Office
Metro Hall Toronto, ON
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PROJECT TITLE

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ACCESSIBILITY UPGRADES

PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 /Arcadis 30279056

DRAWN BY:
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CHECKED BY:
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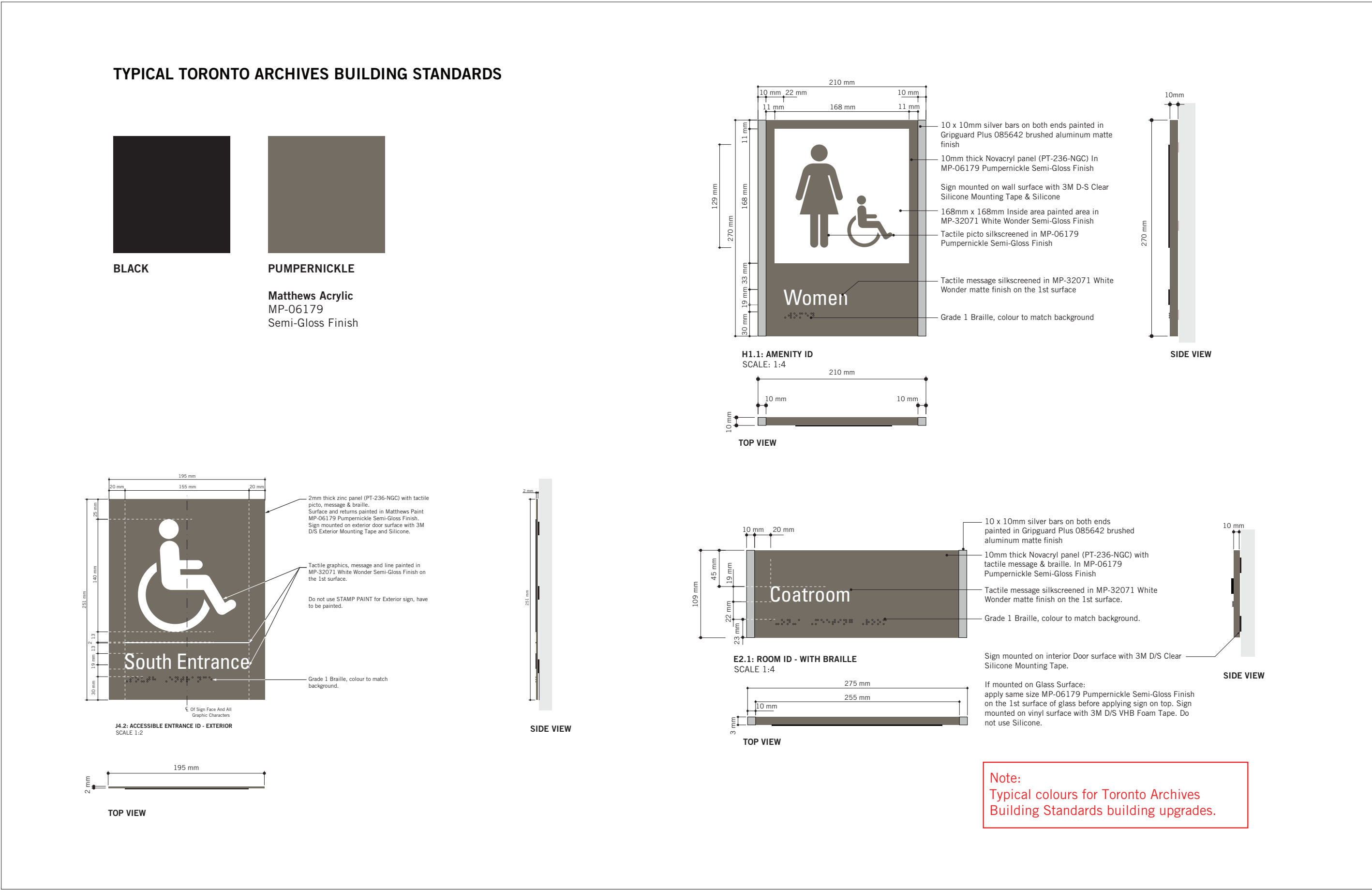
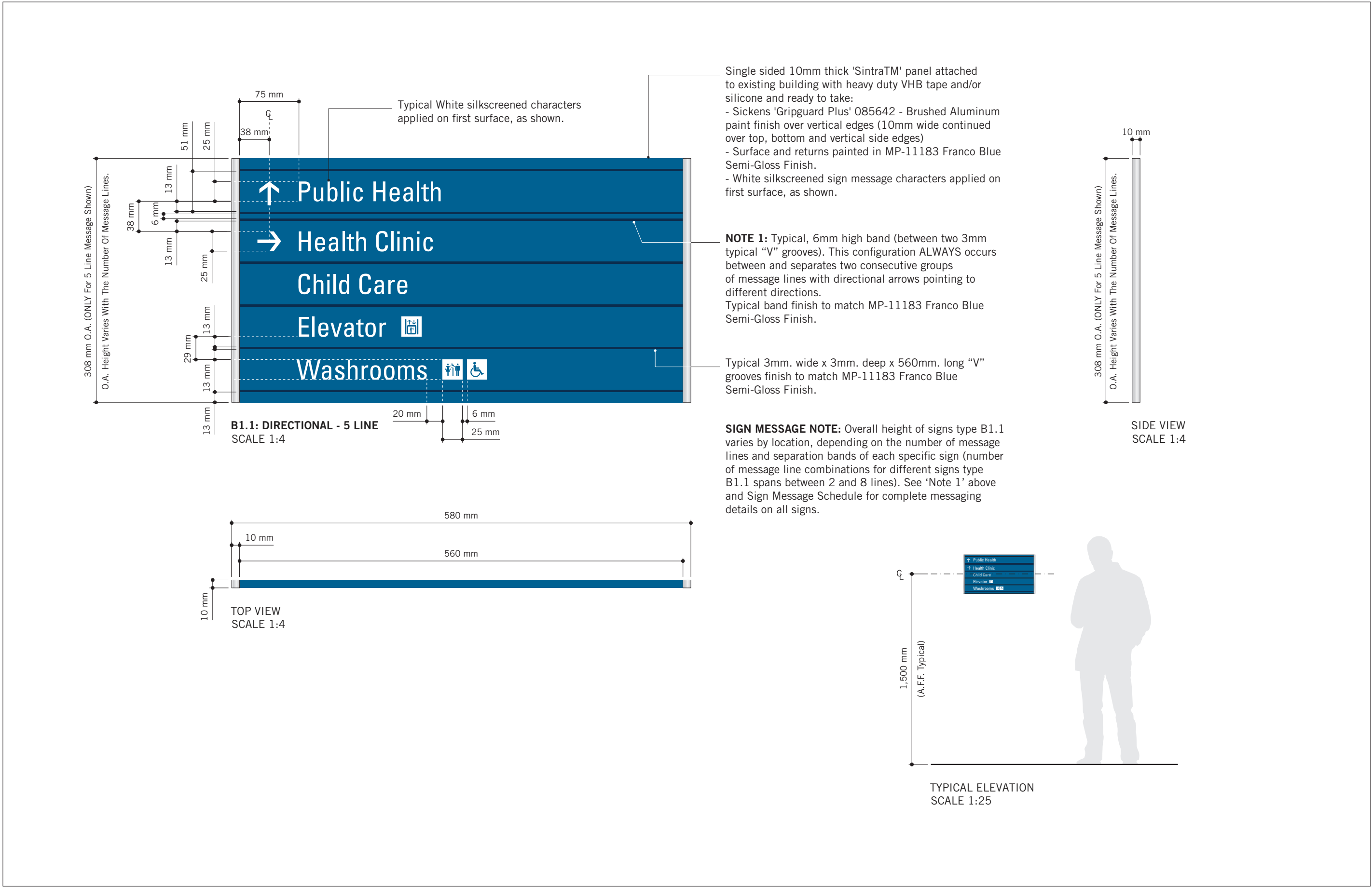
PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
E. FENUTA

SHEET TITLE

HOARDING DETAILS

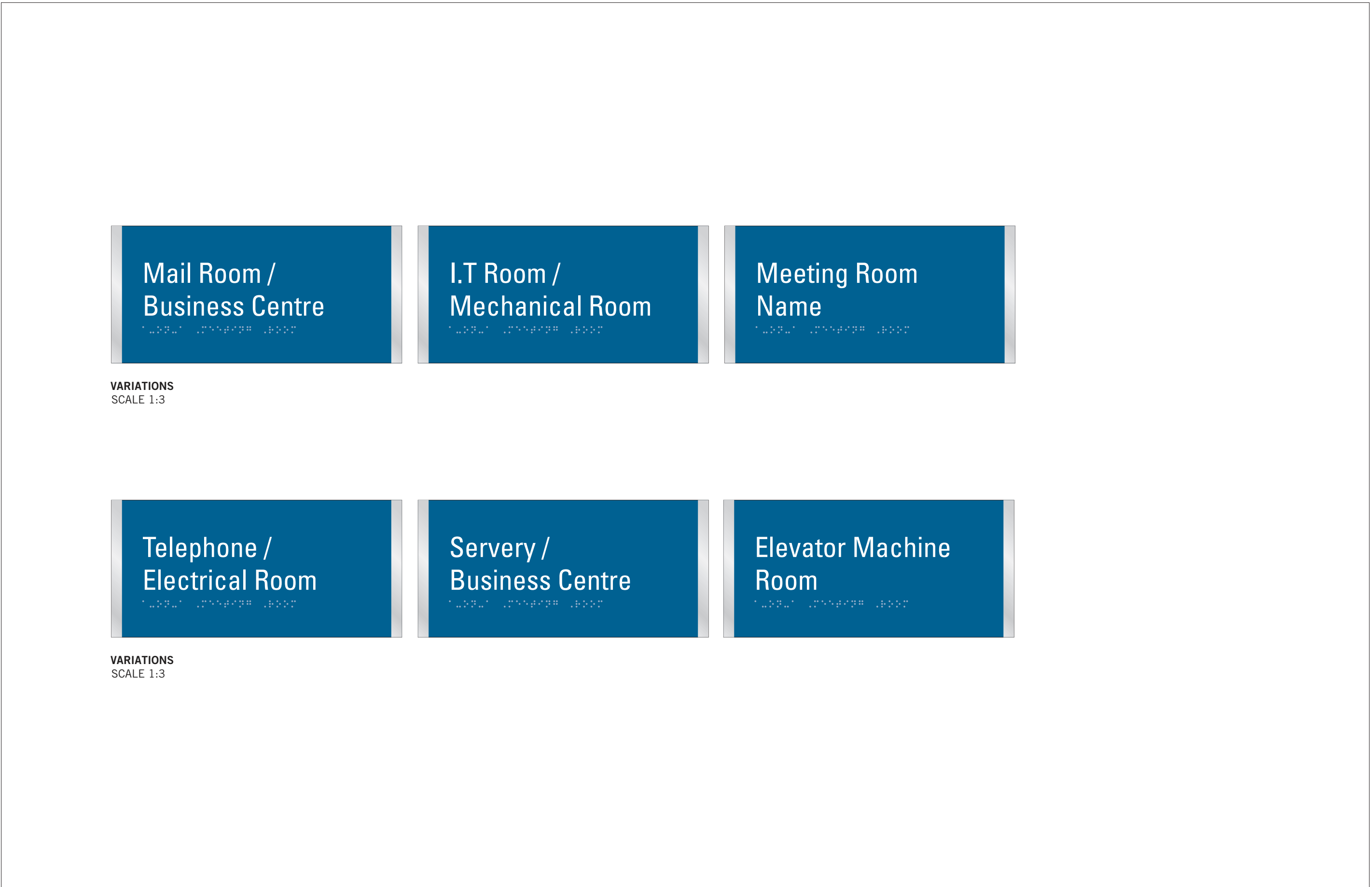
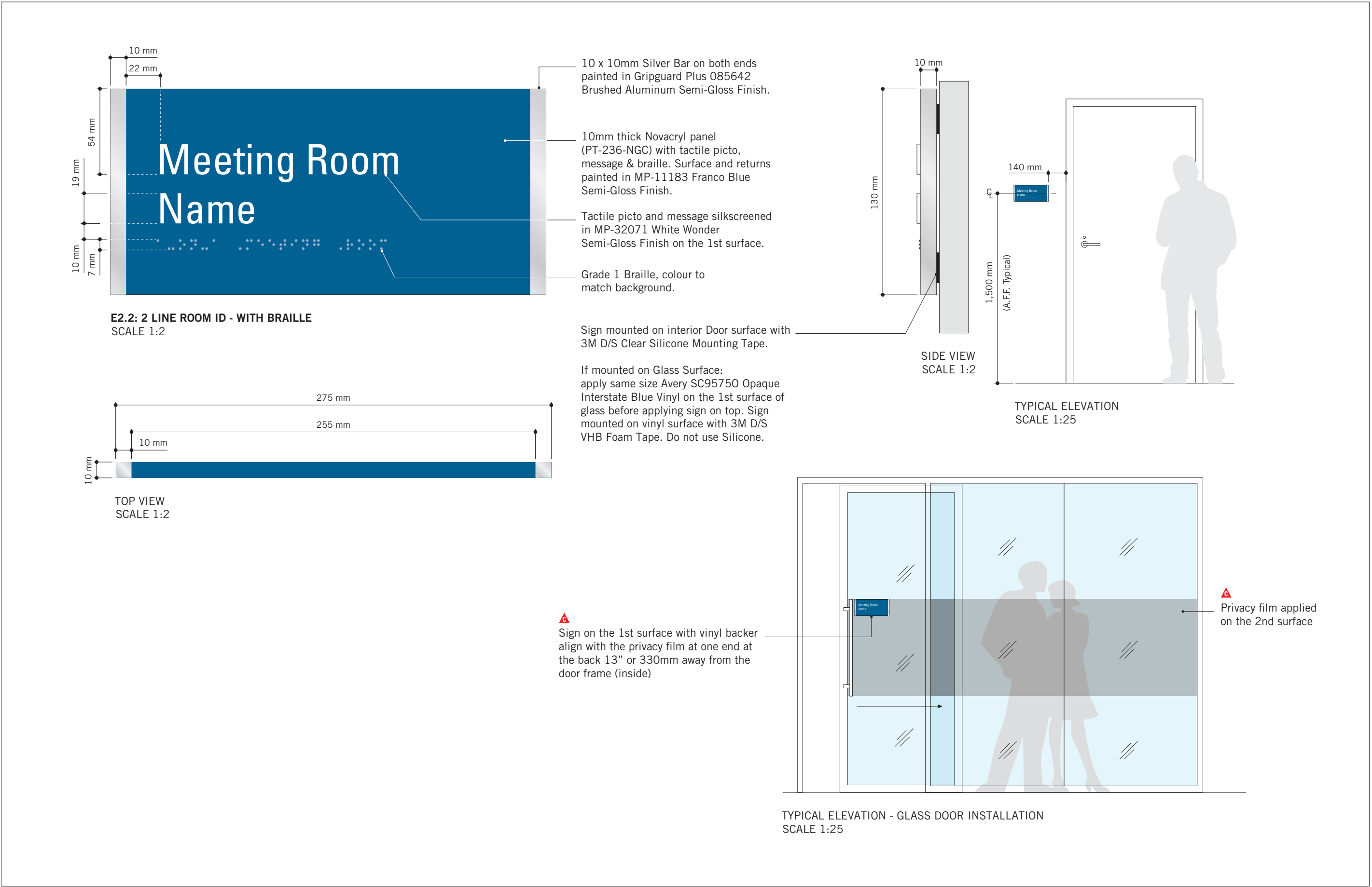
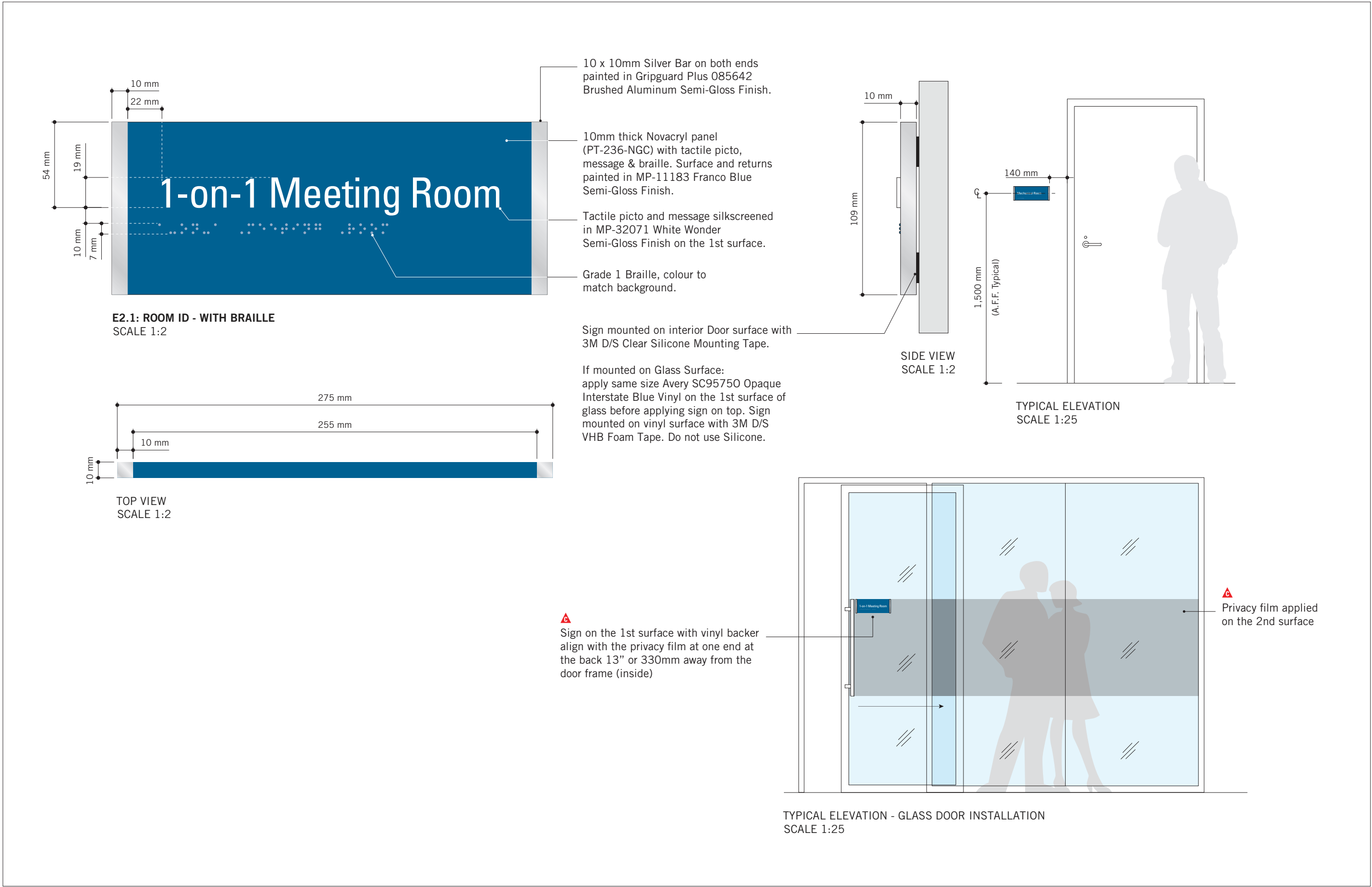
SHEET NUMBER	ISSUE
D1801	A



ISSUES		
No.	DESCRIPTION	DATE
A	ISSUED FOR TENDER	2025-04-11

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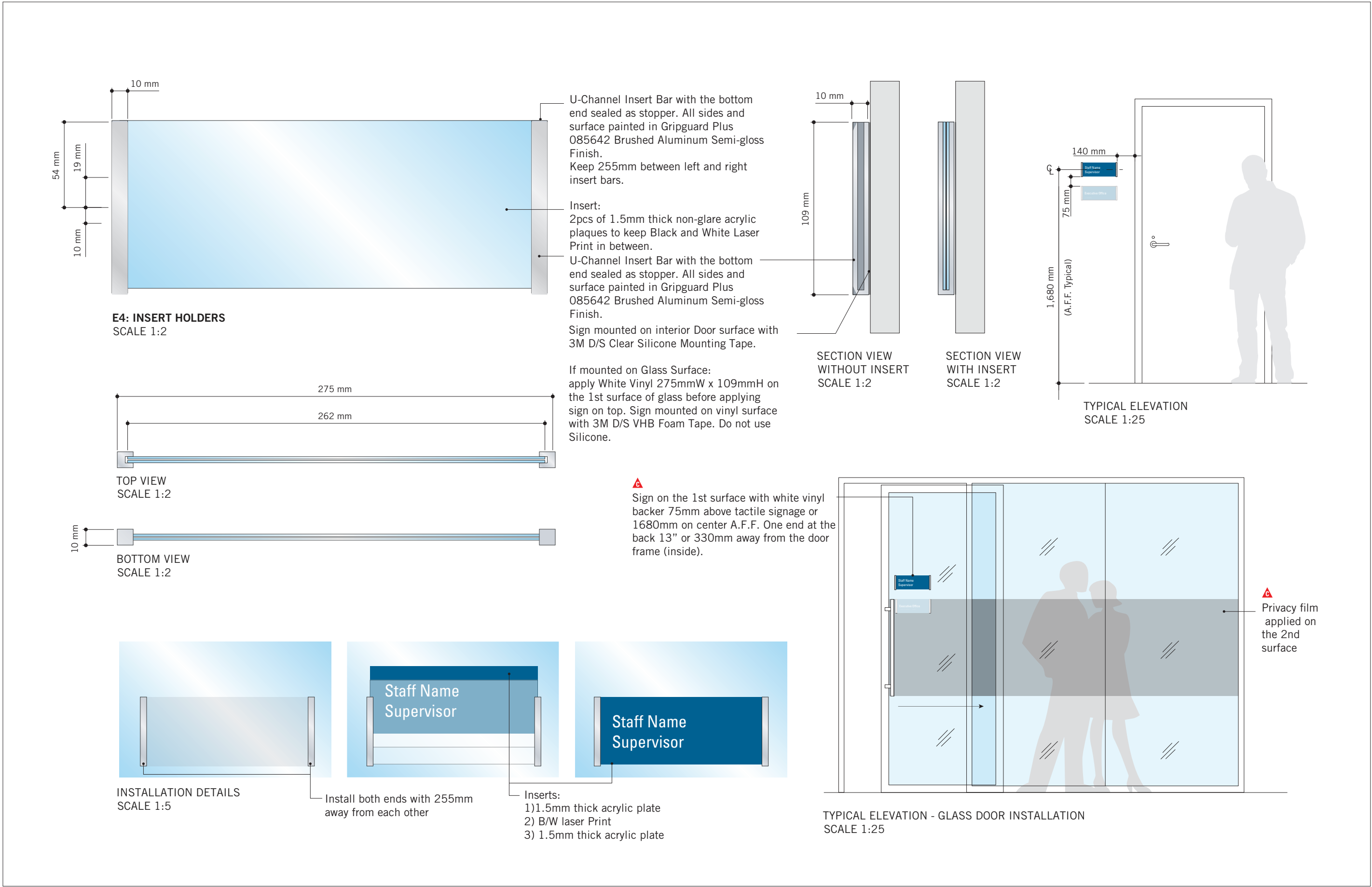
SEAL



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No.	DESCRIPTION	DATE
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PROJECT TITLE

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ACCESSIBILITY UPGRADES

PROJECT ADDRESS

GROUP 03 BUILDINGS

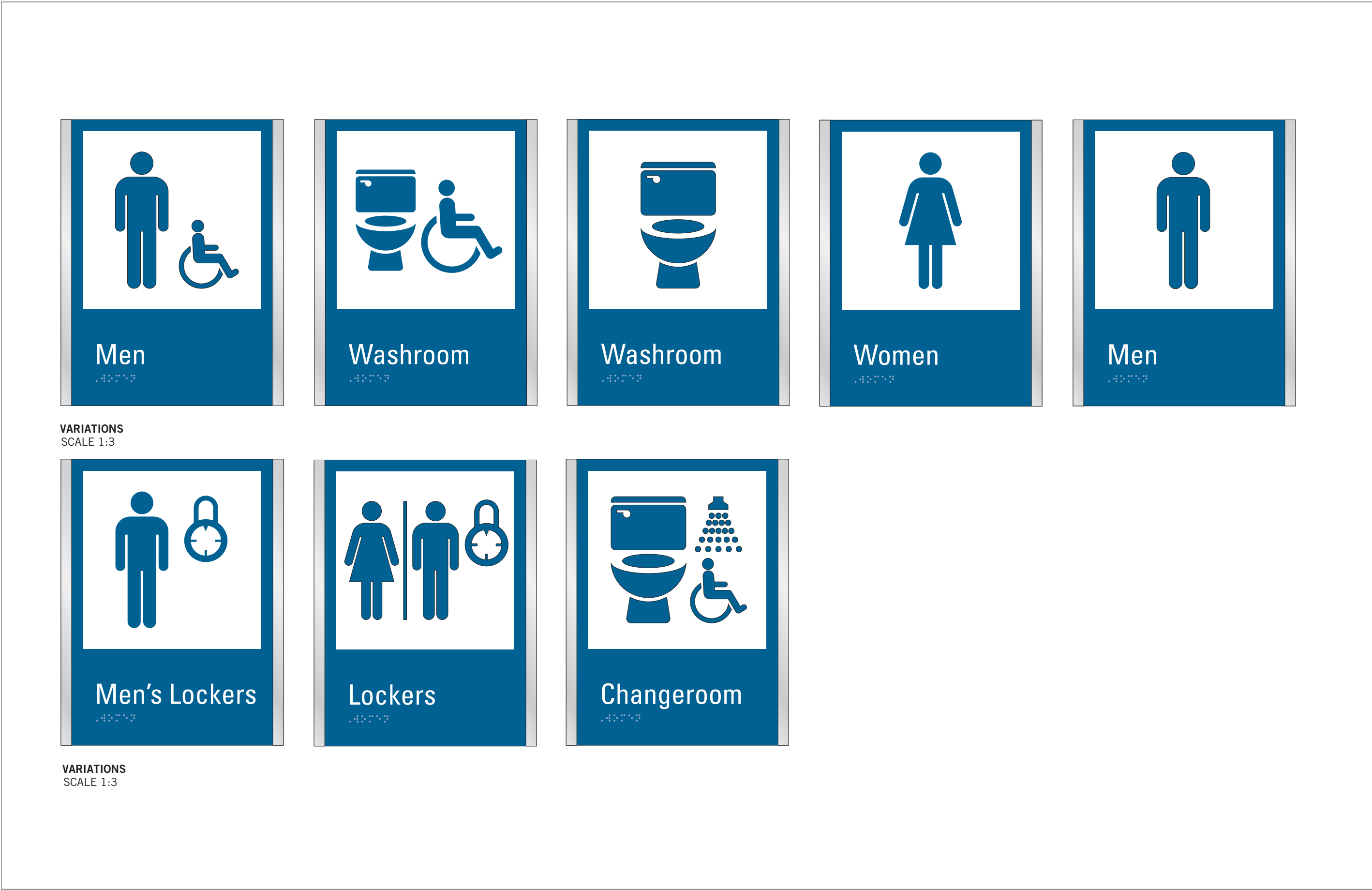
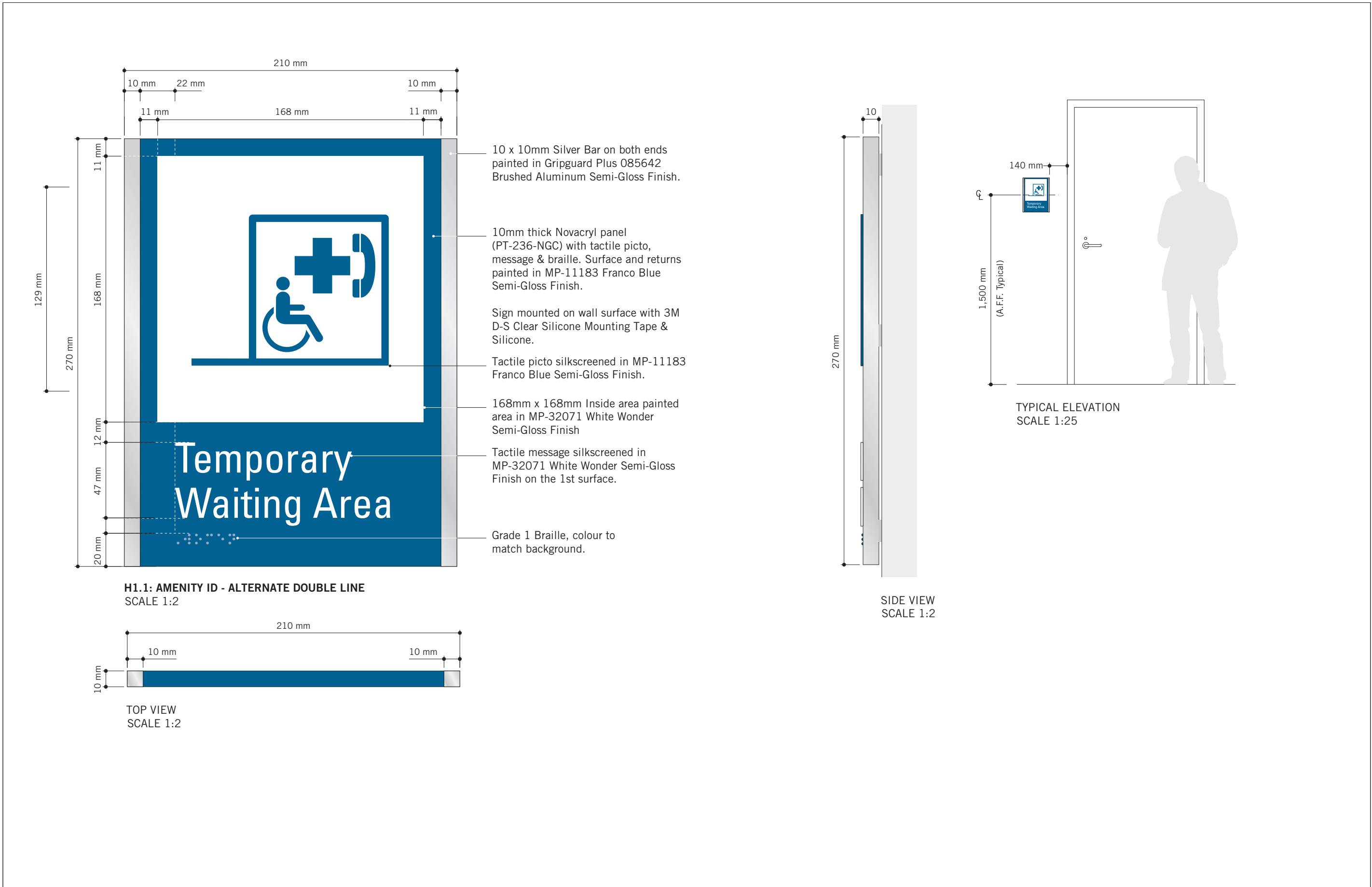
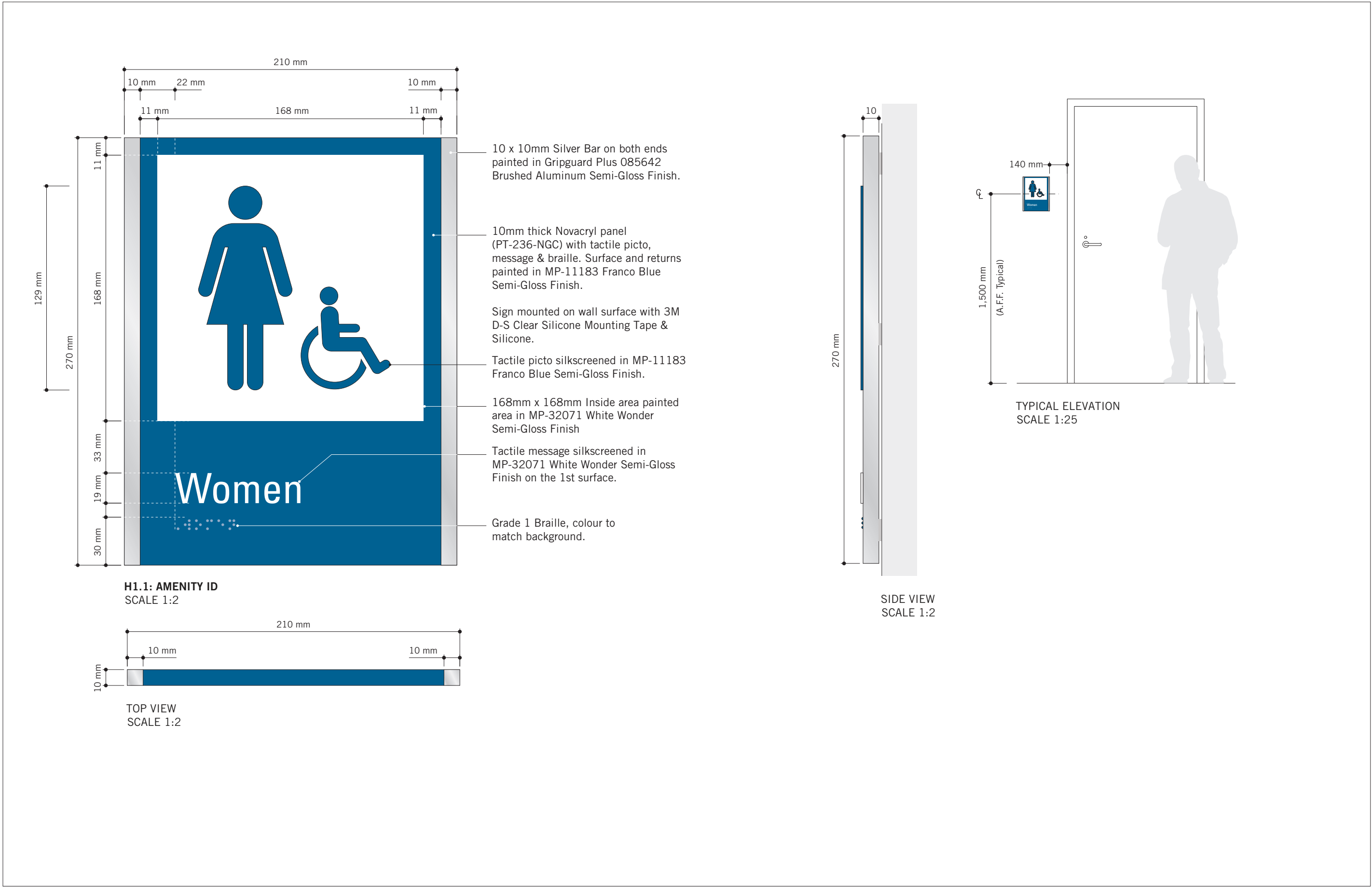
PROJECT NO:
9119 - 19 - 0162 / Arcadis 30279056

DRAWN BY: M.LOW	CHECKED BY: C.D. SCHNOBB
PROJECT MGR: R. DALY	APPROVED BY:

SHEET TITLE

SIGNAGE & WAYFINDING
DETAILS
E4: INSERT HOLDER

SHEET NUMBER	ISSUE
D1904	A



ISSUES		
No.	DESCRIPTION	DATE
A	ISSUED FOR TENDER	2025-04-11

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PROJECT TITLE
CITY OF TORONTO
ACCESSIBILITY UPGRADES

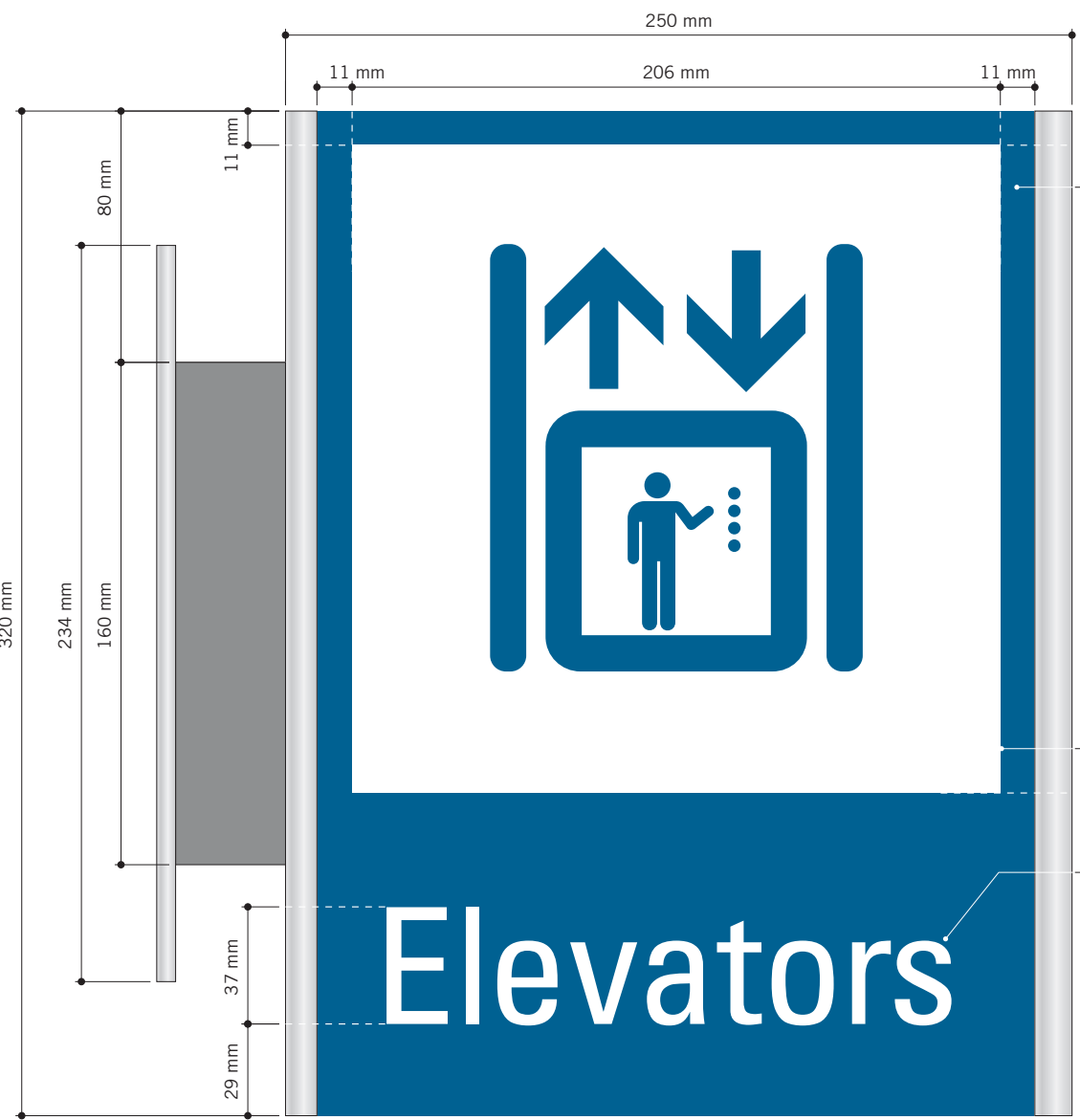
PROJECT ADDRESS
GROUP 03 BUILDINGS

PROJECT NO:
9119 - 19 - 0162 / Arcadis 30279056

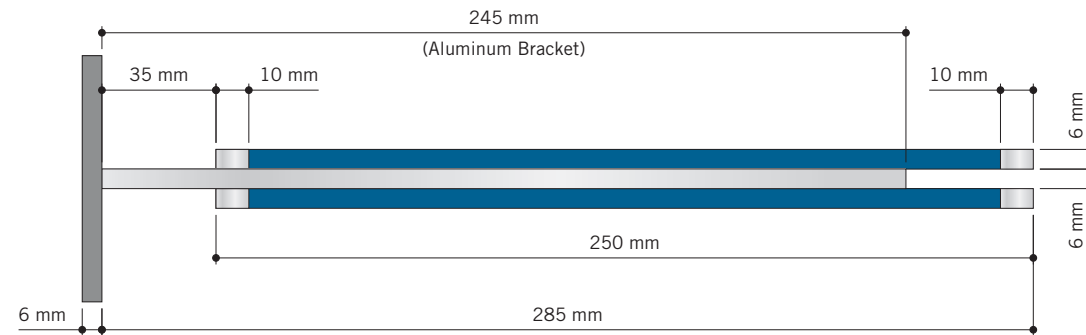
DRAWN BY: M.LOW	CHECKED BY: C.D. SCHNOBB
PROJECT MGR: R. DALY	APPROVED BY:

SHEET TITLE
SIGNAGE & WAYFINDING
DETAILS
H1.1: AMENITY ID

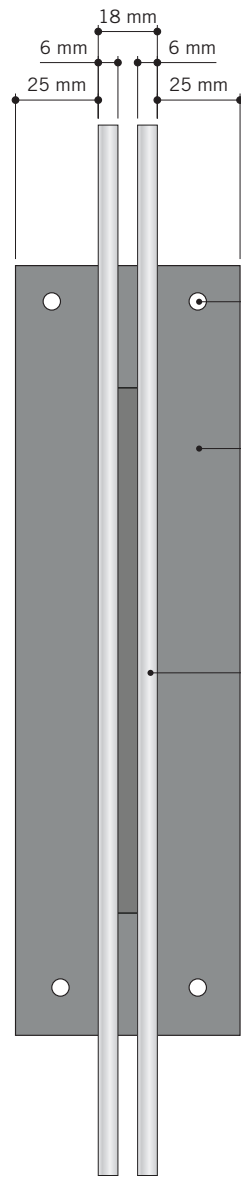
SHEET NUMBER D1905	ISSUE A
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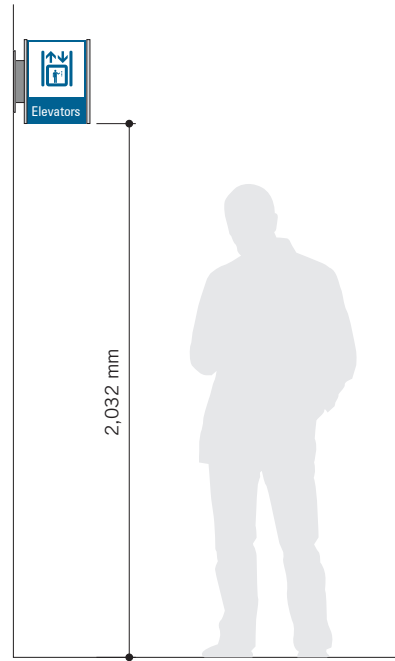
H2.1: PROJECTING AMENITY ID
SCALE 1:2



TOP VIEW
SCALE 1:2



SIDE VIEW
SCALE 1:2



TYPICAL ELEVATION
SCALE 1:25

(2) 6mm thick 'Sintra' panels, attached back to back to the 6mm thick Aluminum wall bracket, as shown.

Paint sign face (230mm wide continued over top & bottom) in Matthews Paint Semi-Gloss Finish MP-11183 Franco Blue.

Vertical edges (10mm wide continued over top, bottom and vertical edges) painted in Gripguard Plus 085642 Brushed Aluminum Semi-Gloss Finish.

3M 7725-20 Opaque Matte White Vinyl with knocked-out graphics applied to both sign faces.

3M 7725-20 Opaque Matte White Vinyl Letters applied to both sign faces.

(4) 1/4" C/S Toggle bolts into existing drywall (TBC). Heads painted to match.

6mm (1/4") thick Aluminum Wall Plate Painted in Gripguard Plus 085642 Brushed Aluminum.

(2) 6mm thick Sintra panels, attached back to back to 6mm thick Aluminum bracket.



VARIATIONS
SCALE 1:4



ISSUES		
No.	DESCRIPTION	DATE
A	ISSUED FOR TENDER	2025-04-11

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PROJECT TITLE
CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS
GROUP 03 BUILDINGS

PROJECT NO:
9119 - 19 - 0162 / Arcadis 30279056

DRAWN BY:
M.LOW

CHECKED BY:
C.D. SCHNOBB

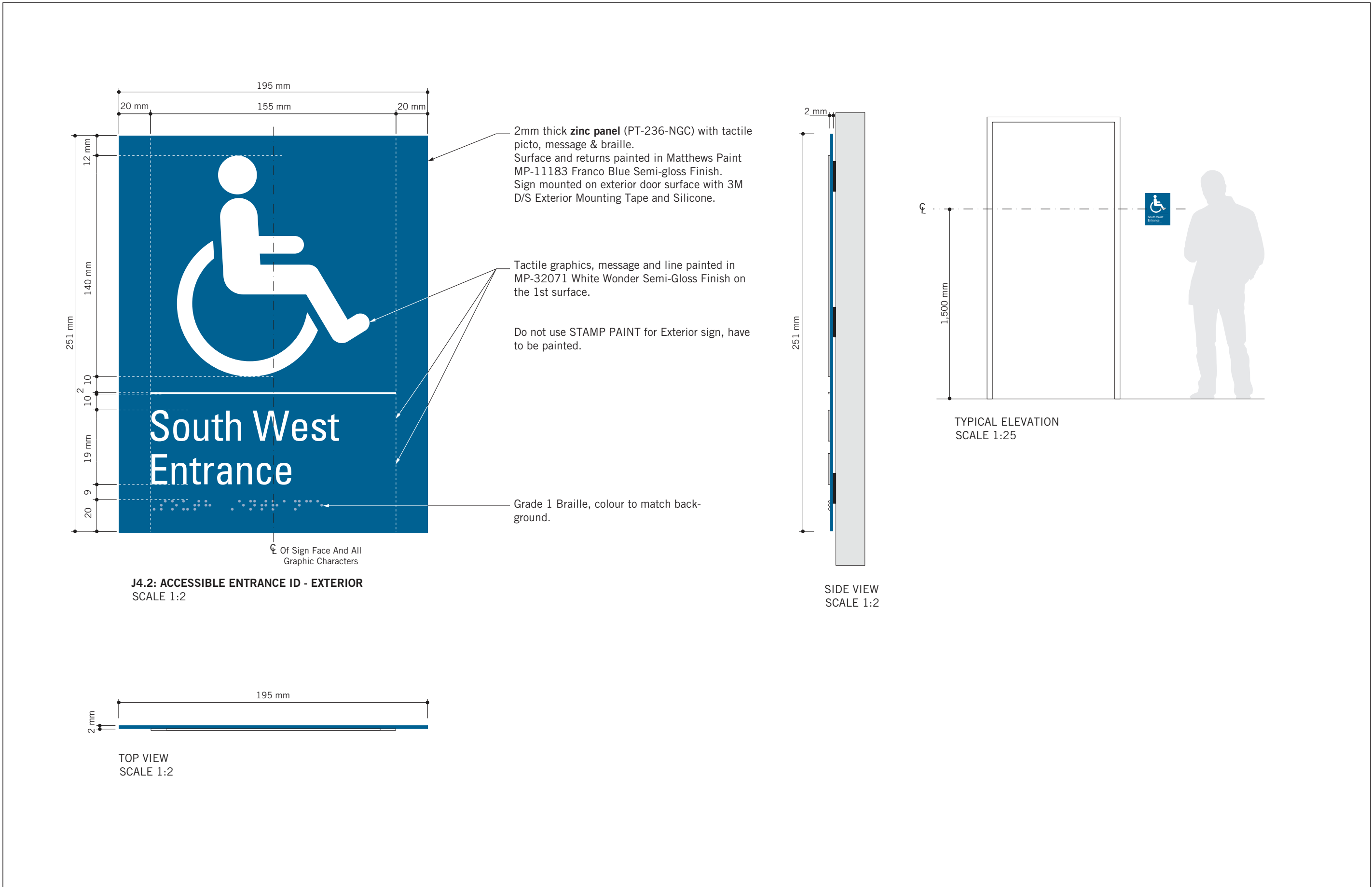
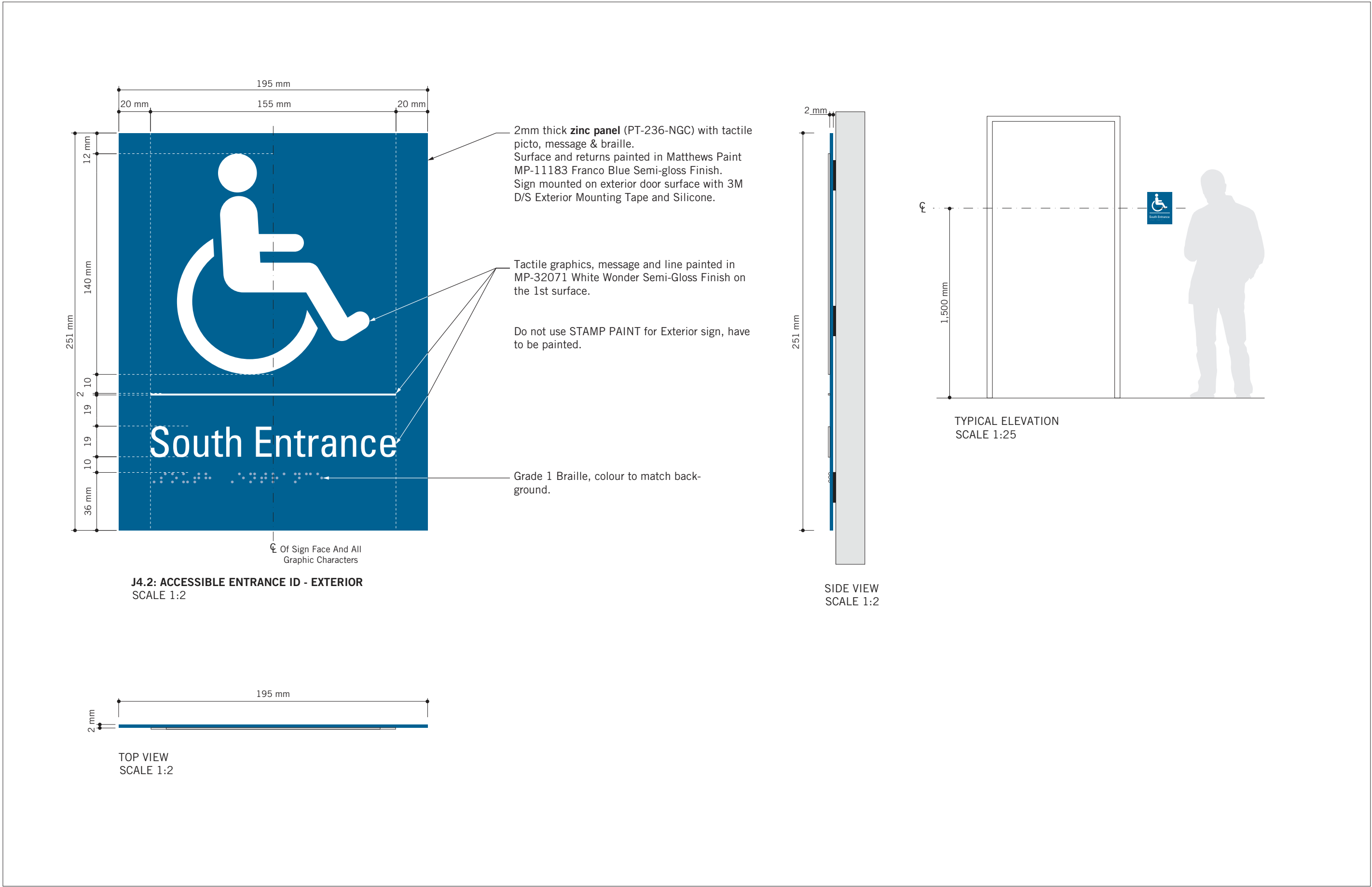
PROJECT MGR:
R. DALY

APPROVED BY:

SHEET TITLE
SIGNAGE & WAYFINDING
DETAILS
H2.1:PROJECTING AMENITY
ID

SHEET NUMBER
D1906

ISSUE
A



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A	ISSUED FOR TENDER	2025-04-11

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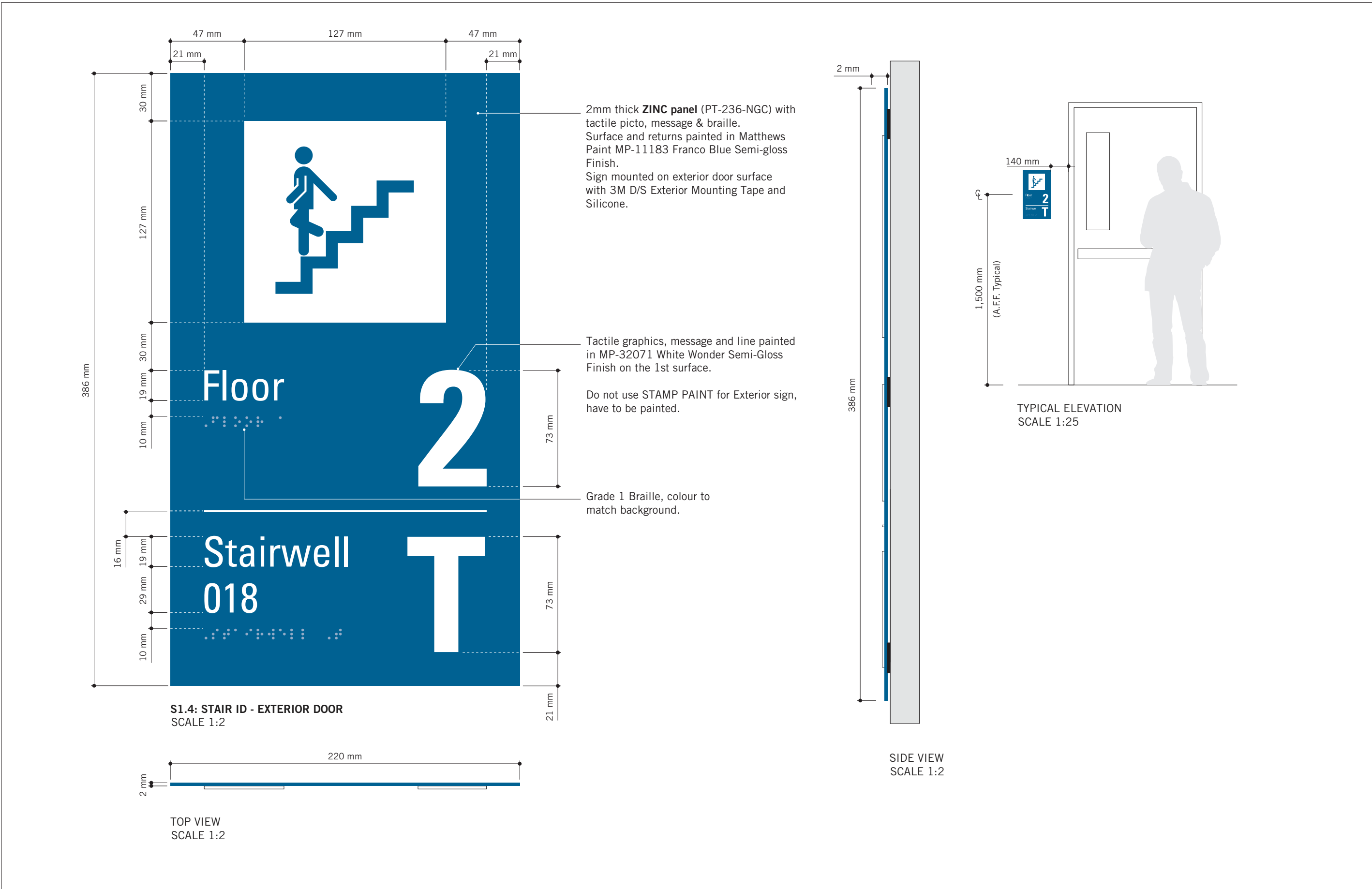
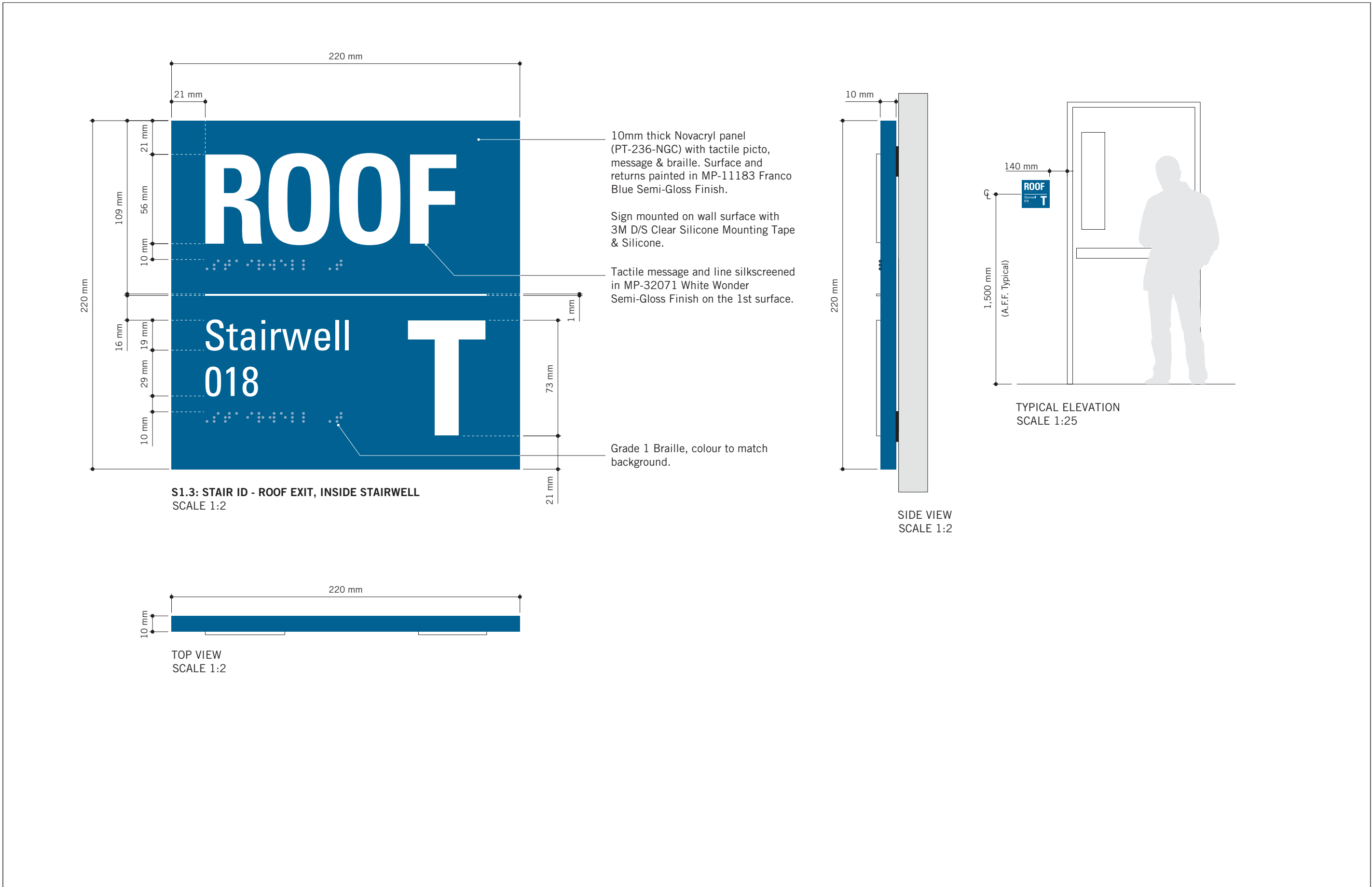
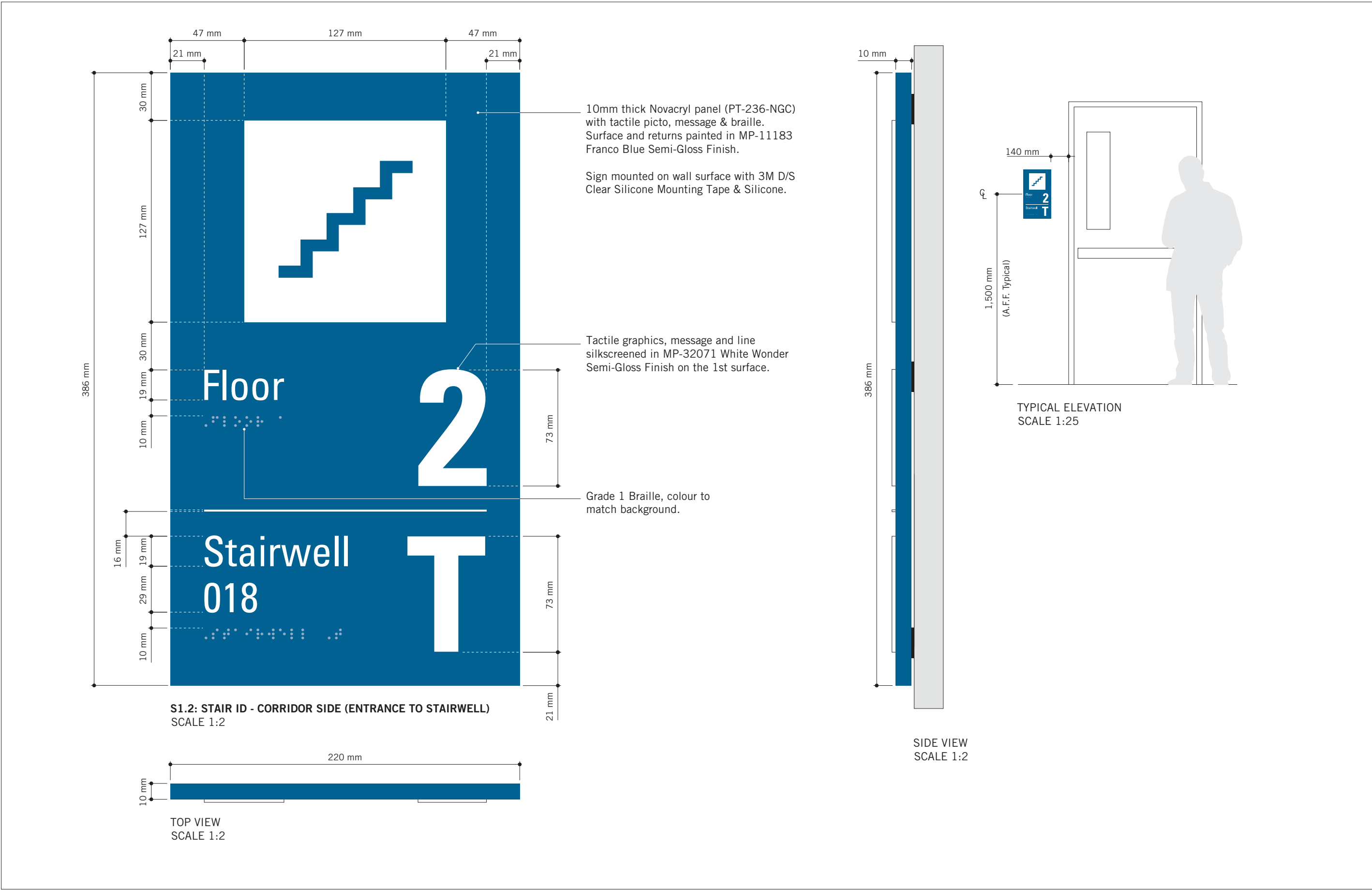
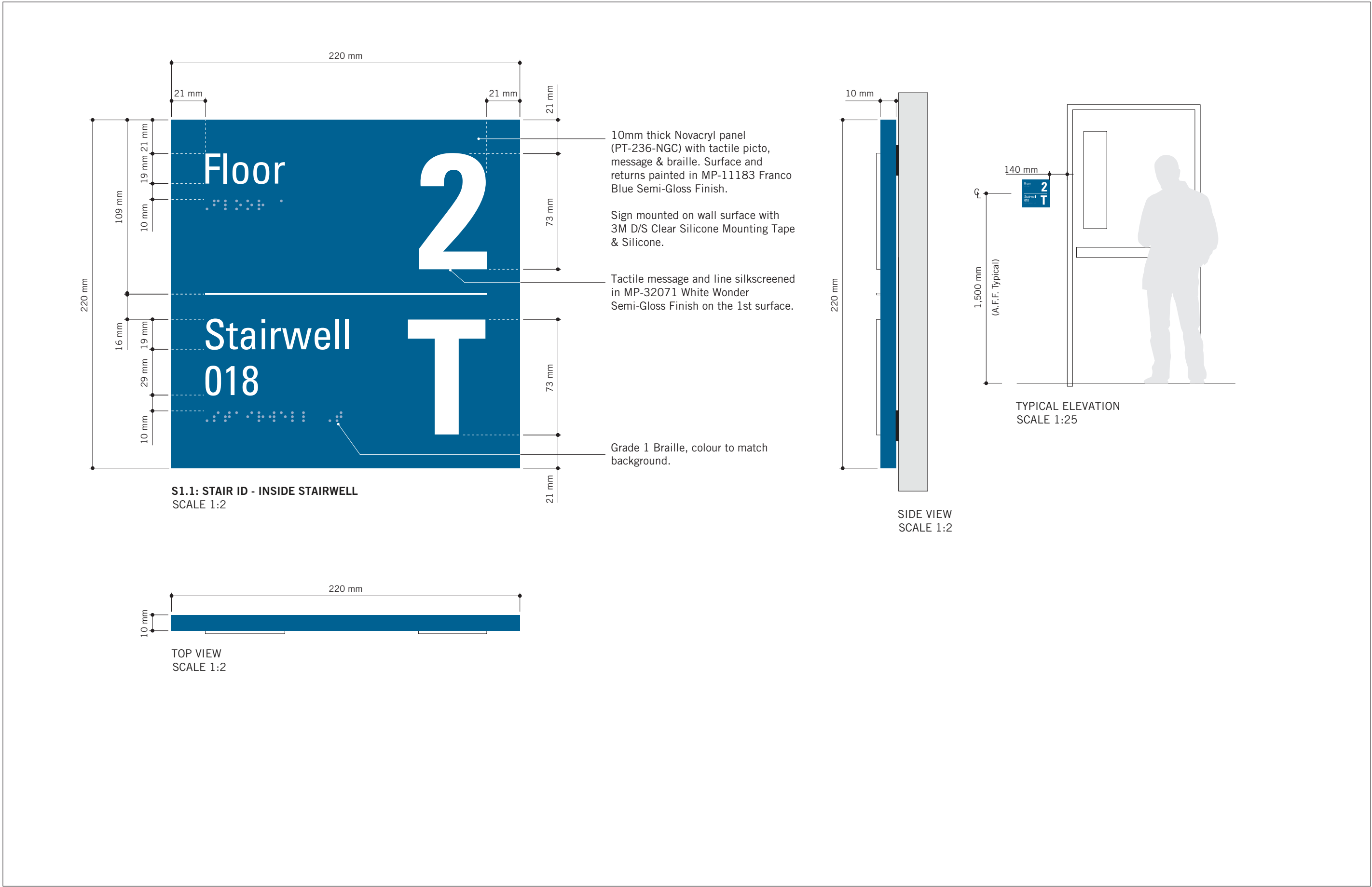
PROJECT TITLE
CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS
GROUP 03 BUILDINGS

PROJECT NO: 9119 – 19 – 0162 / Arcadis 30279056	
DRAWN BY: M.LOW	CHECKED BY: C.D. SCHNOBB
PROJECT MGR: R. DALY	APPROVED BY:

SHEET TITLE
SIGNAGE & WAYFINDING
DETAILS
J4: ACCESSIBLE ENTRANCE

SHEET NUMBER D1907	ISSUE A
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Toronto

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TORONTO, ON

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A	ISSUED FOR TENDER	2025-04-11

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PROJECT TITLE

CITY OF TORONTO

ACCESSIBILITY UPGRADES

PROJECT ADDRESS

GROUP 03 BUILDINGS

PROJECT NO:

9119 – 19 – 0162 / Arcadis 30279056

DRAWN BY:

M.LOW

CHECKED BY:

C.D. SCHNOBB

PROJECT MGR:

R. DALY

APPROVED BY:

SHEET TITLE

SIGNAGE & WAYFINDING

DETAILS

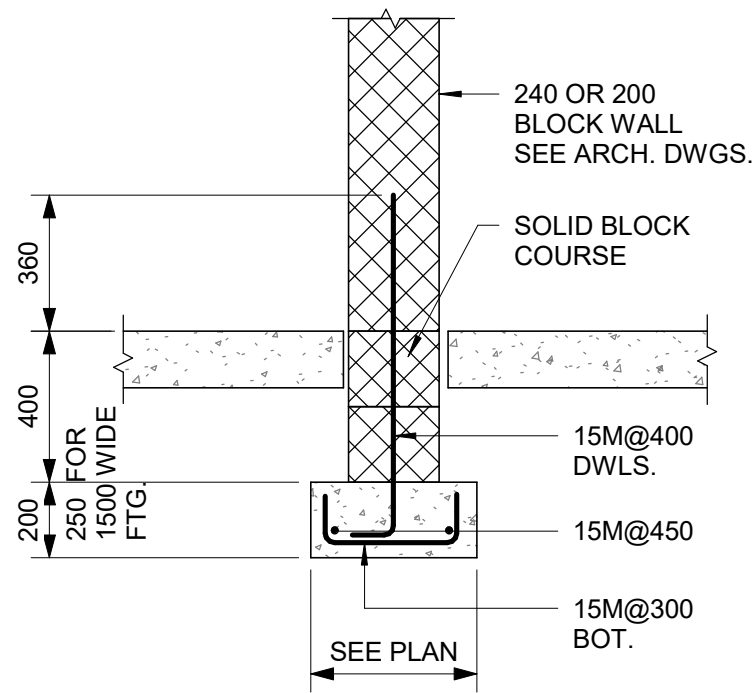
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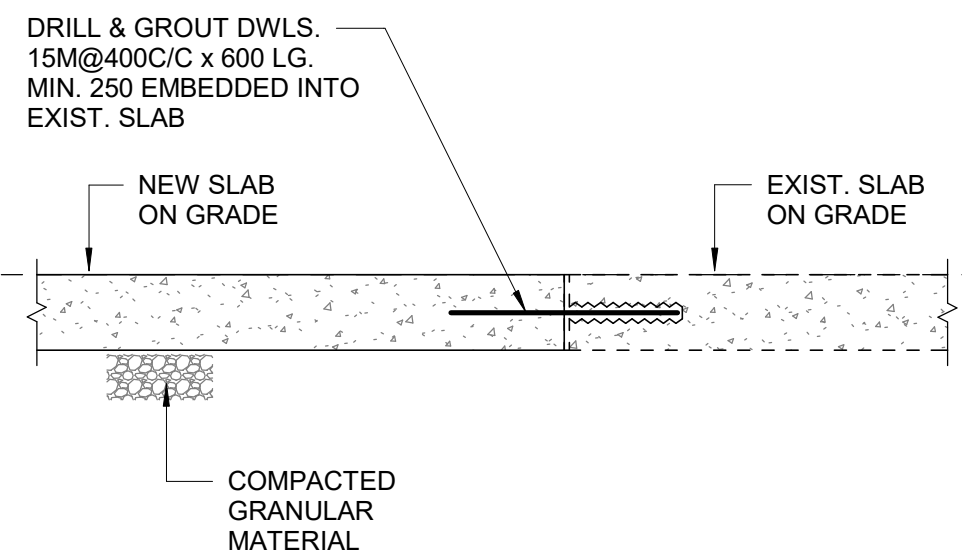
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ISSUE

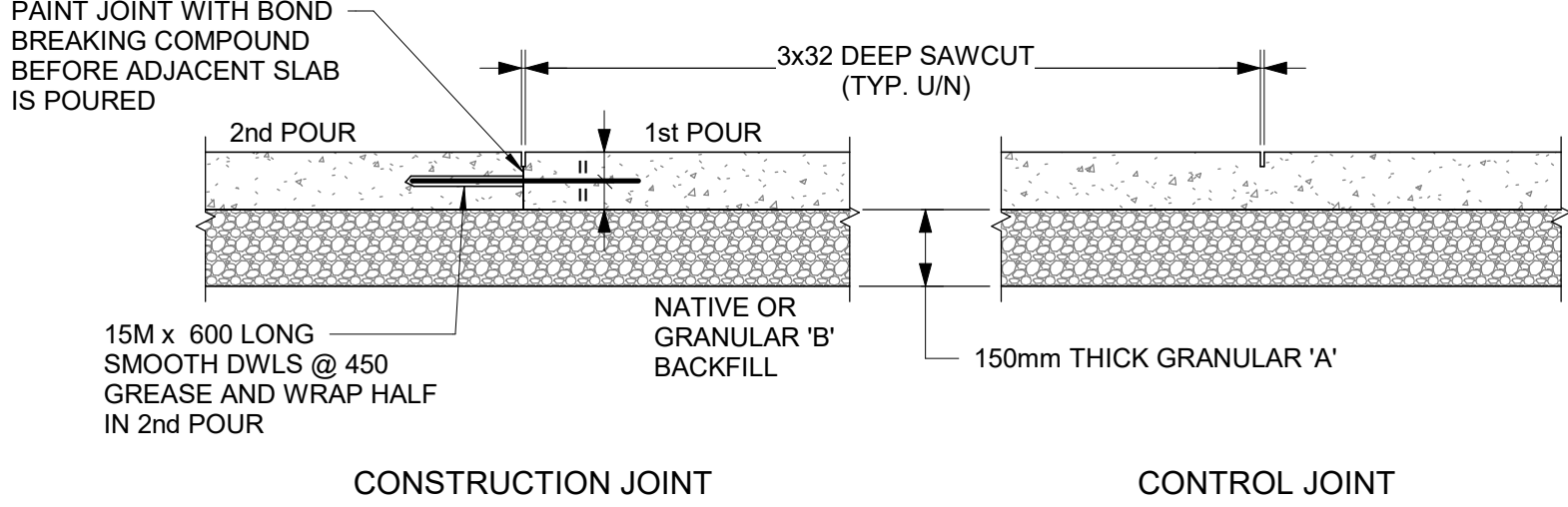
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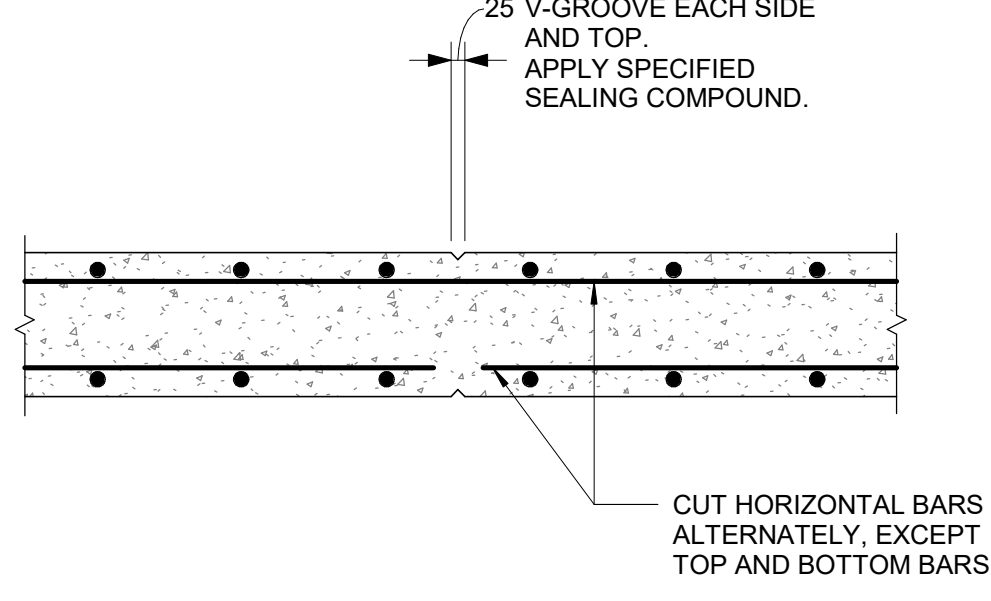
1 INTERIOR FOUNDATION WALL
D2100 Scale: NTS



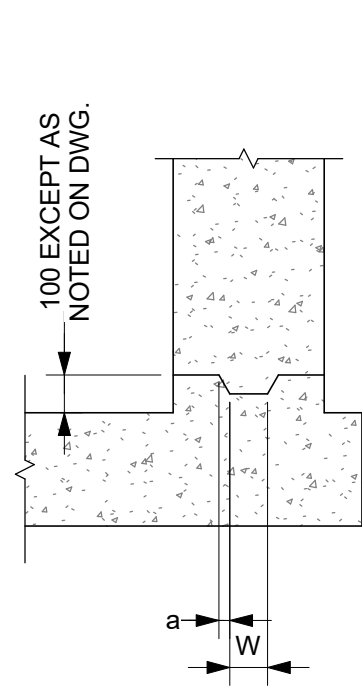
2 NEW SLAB CONNECTION TO EXISTING SLAB
D2100 Scale: NTS



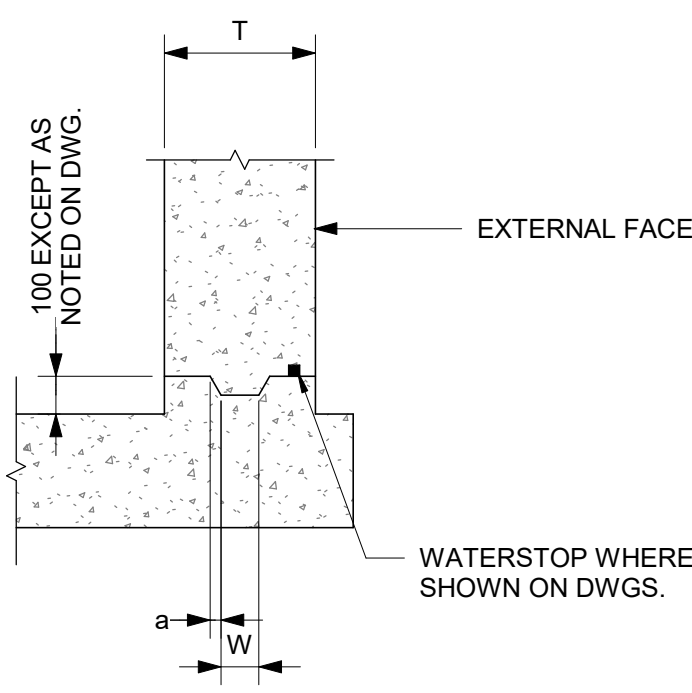
3 SLAB ON GRADE
D2100 Scale: NTS



4 RETAINING WALL CONTROL JOINT
D2100 Scale: 1 : 20



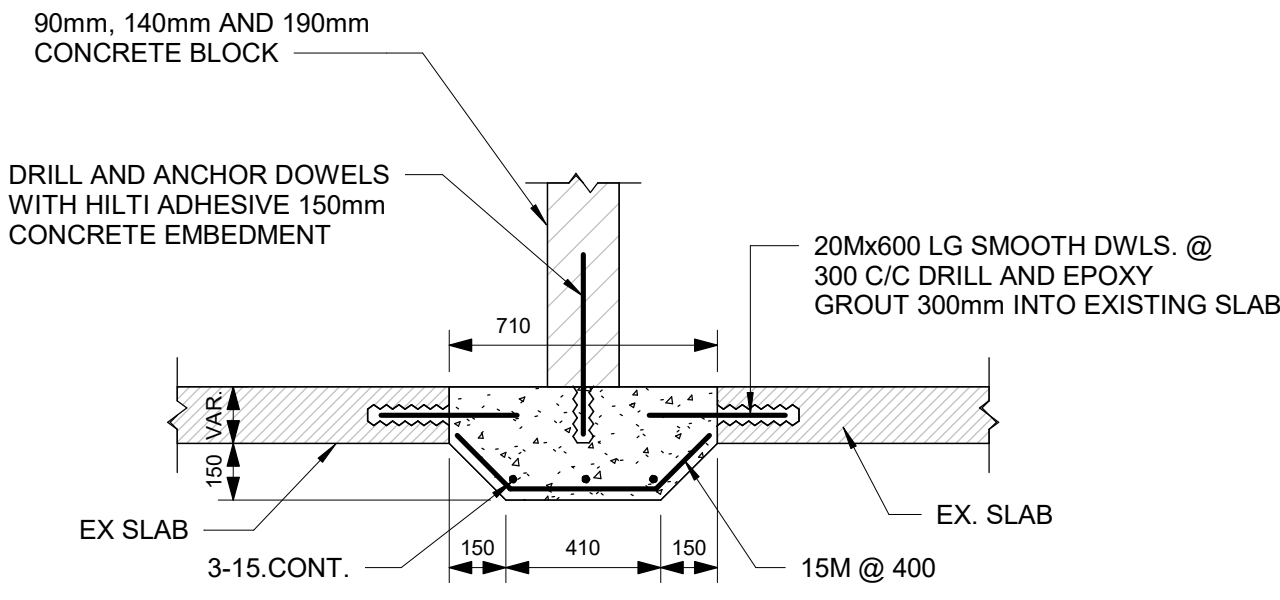
TYPE 1



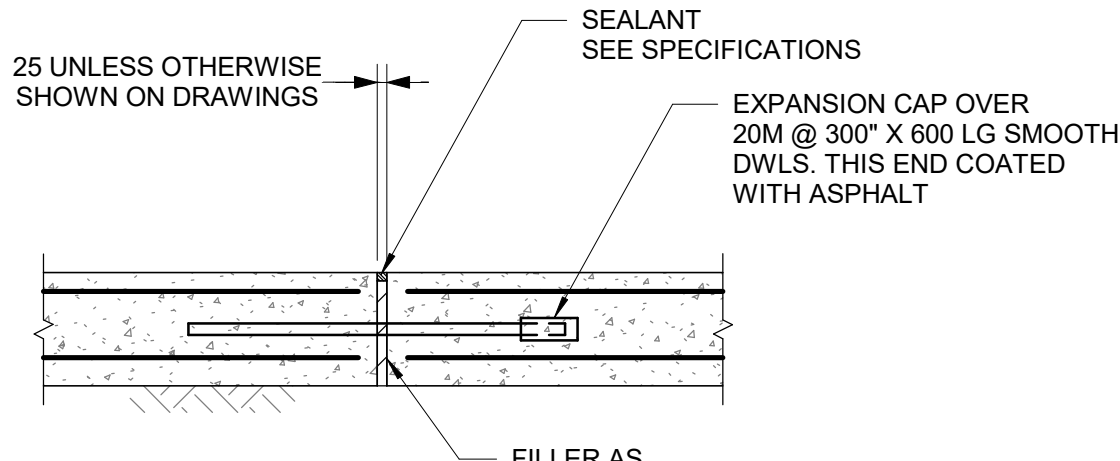
TYPE 1WS

WALL THICKNESS "T"	KEY SIZE		"a"
	"D"	"W"	
200 TO 300	50	100	5
310 TO 440	50	150	10
450 TO 590	75	200	20
600 TO 890	75	250	20

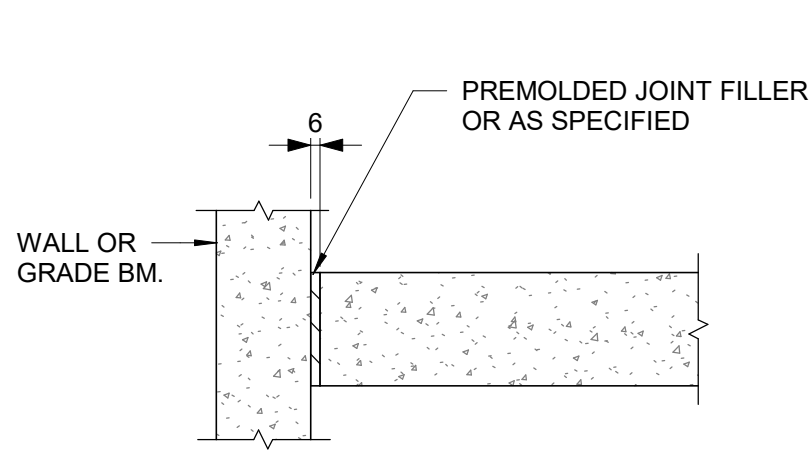
5 TYPICAL CONSTRUCTION JOINT AT EXTERIOR WALL
D2100 Scale: 1 : 20



6 BLOCK WALL SLAB - THICKENING AT EXISTING SLAB
D2100 Scale: 1 : 20

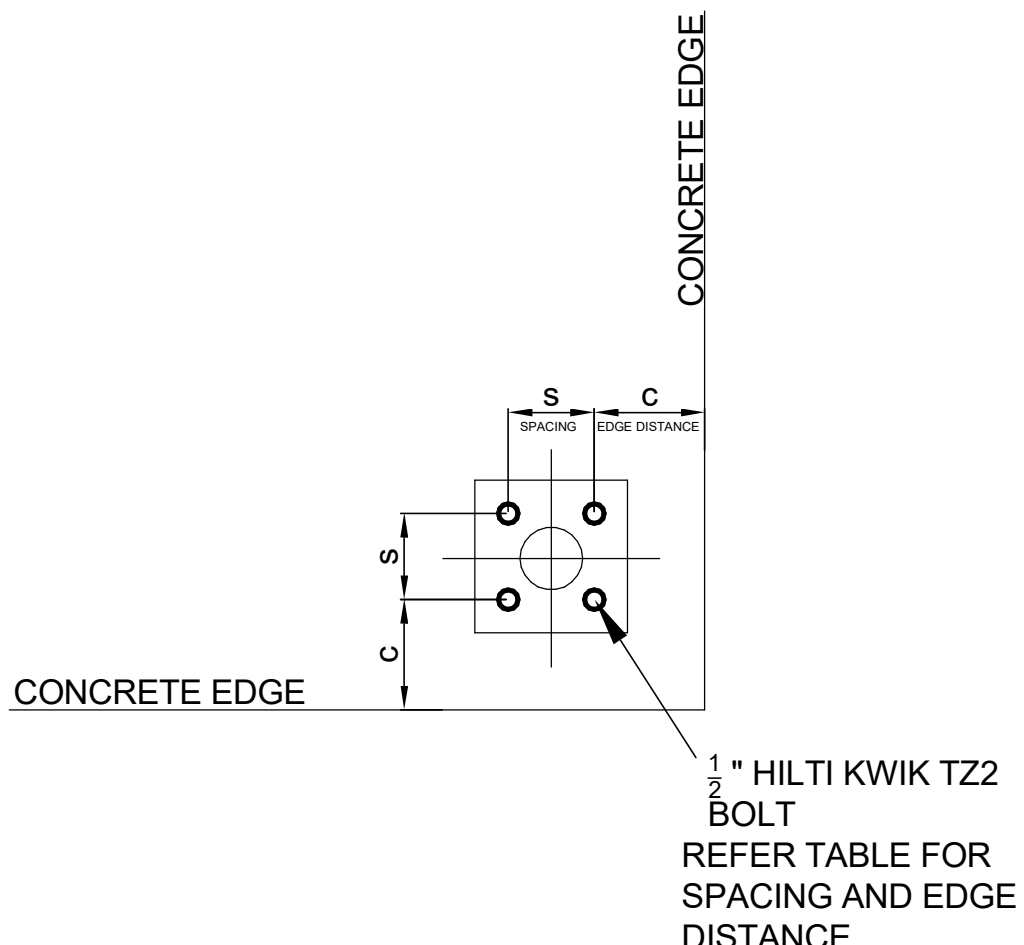


EXPANSION JOINTS



ISOLATION JOINT

7 FLOOR JOINTS
D2100 Scale: 1 : 20



8 SPACING AND EDGE REQUIREMENTS FOR WEDGE ANCHORS (TYPICALLY USED FOR HANDRAILS)
D2100 Scale: 1 : 5

HILTI KWIKBOLT TZ2 CARBON STEEL, DIA 1/2"					
CONCRETE THICKNESS	EFFECTIVE EMBEDMENT	Case 1		Case 2	
		MIN EDGE DIST. C _{MIN1}	FOR SPACING S _{MIN1}	MIN EDGE DIST. C _{MIN2}	FOR SPACING S _{MIN2}
200	83	57	133	121	51
150	64	70	248	203	76
125	51	70	140	254	89
100	38	203	305	203	305

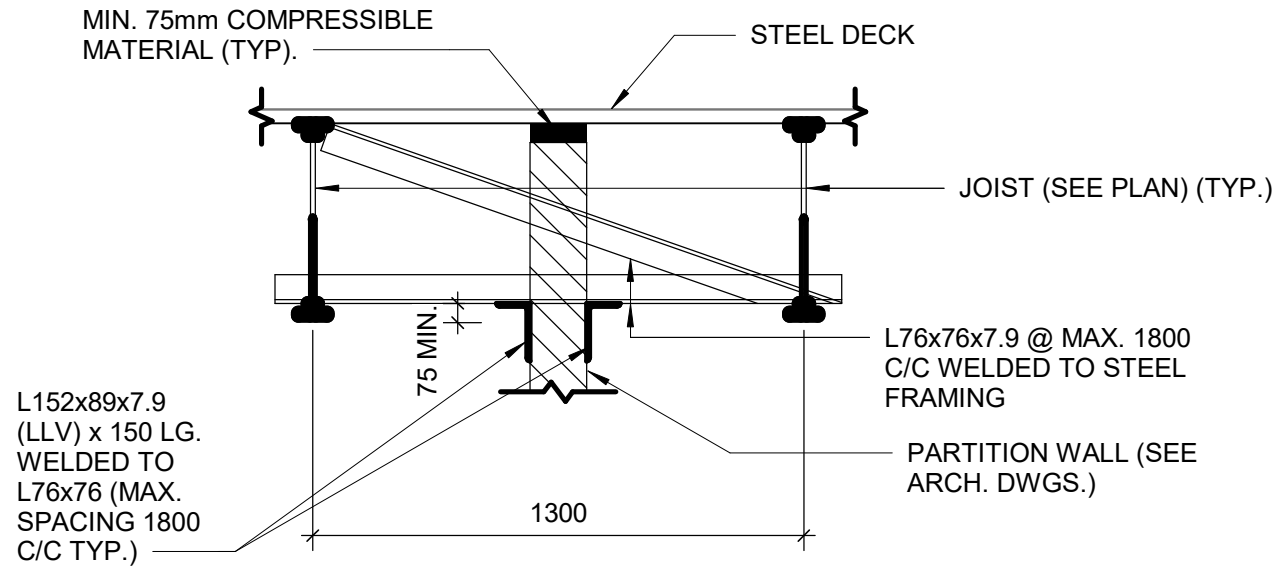
ISSUES		
No.	DESCRIPTION	DATE
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B	90% SUBMISSION	2022-07-29
C	ISSUED FOR PERMIT	2022-07-29
D	ISSUED FOR TENDER	2022-12-09
E	ISSUED FOR TENDER	2025-04-11

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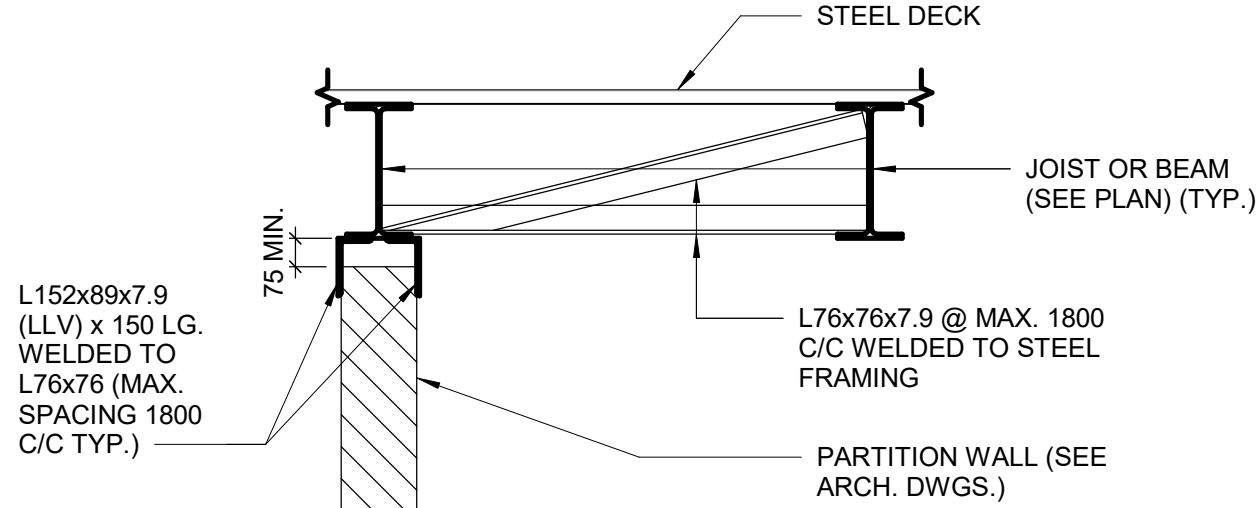
SEAL

PROJECT ADDRESS

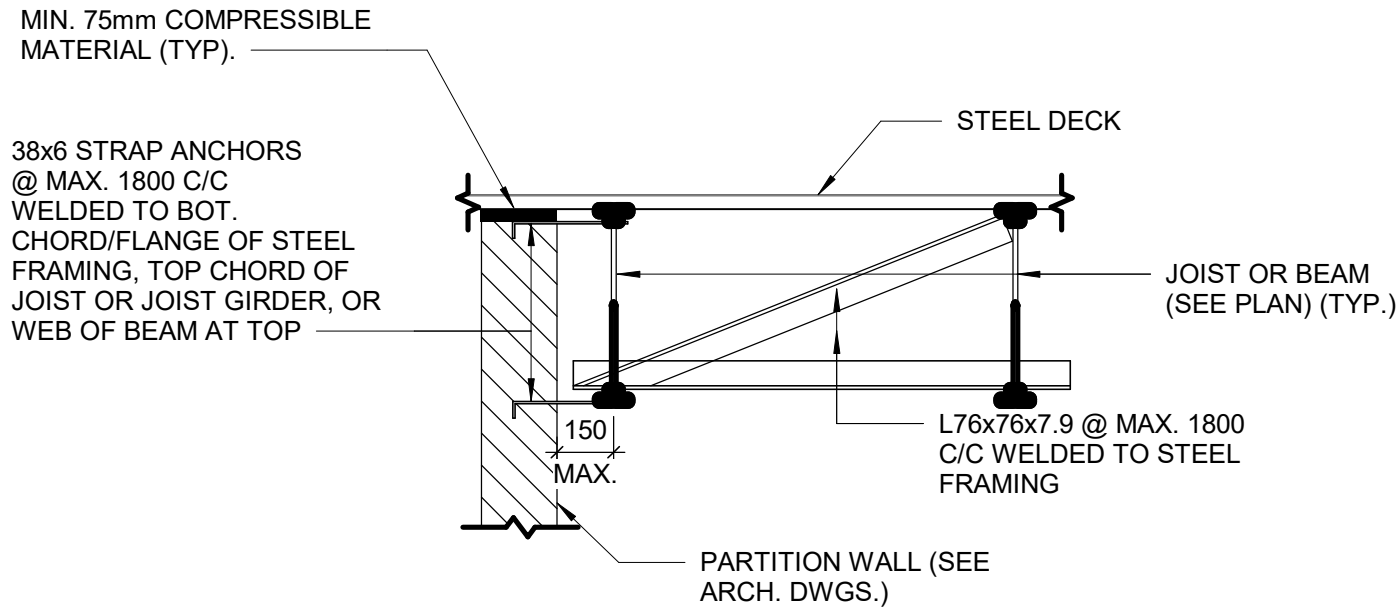
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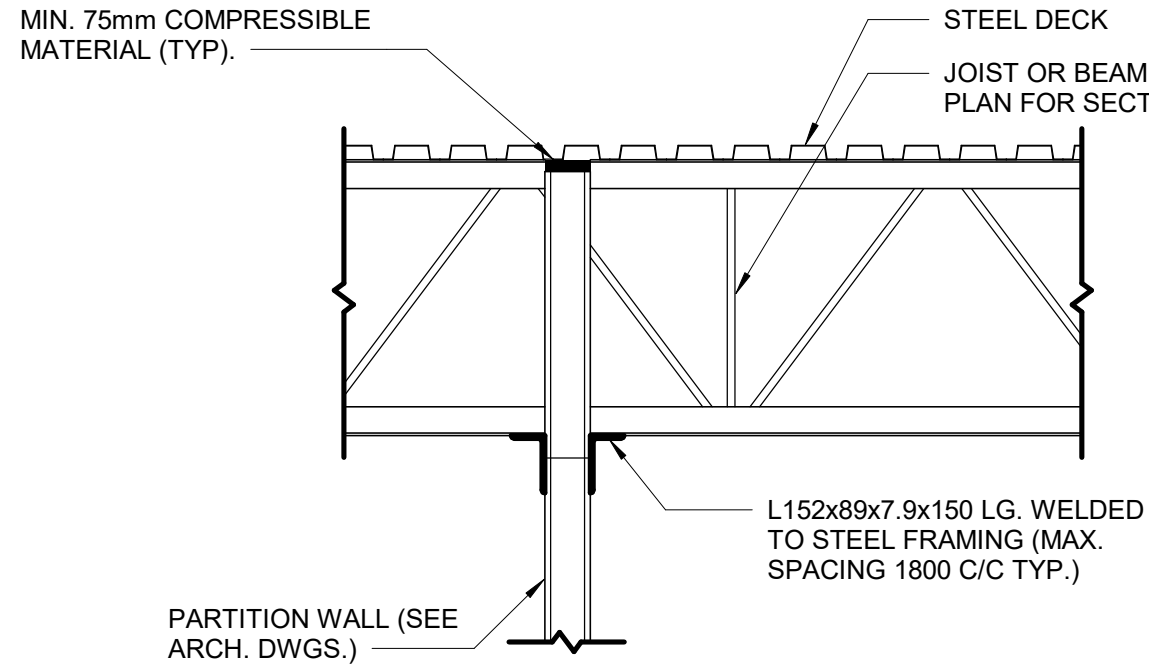
1 PARTITION WALL BETWEEN JOIST
D2200 Scale: 1 : 20



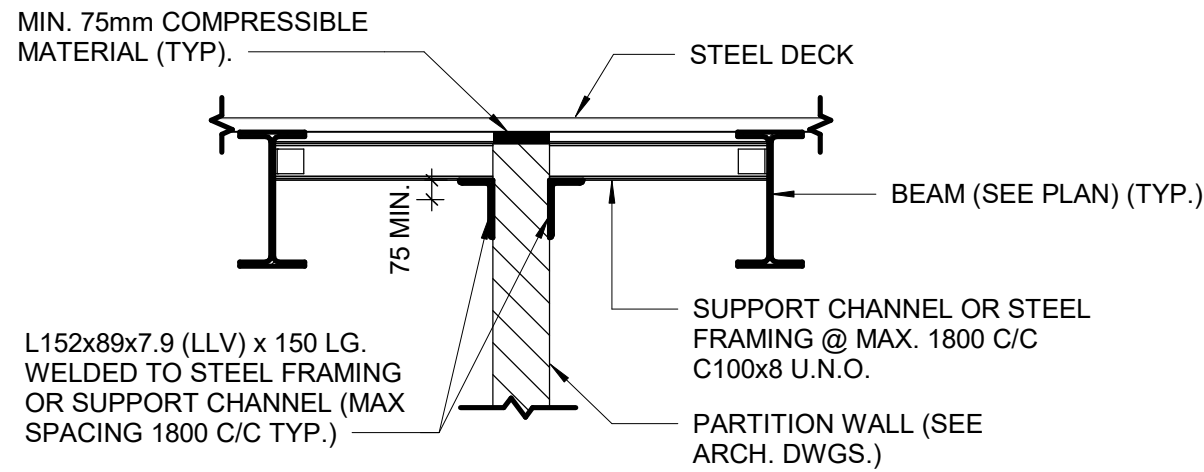
2 PARTITION WALL PARALLEL TO AND CENTERED ON JOIST OR BEAM
D2200 Scale: 1 : 20



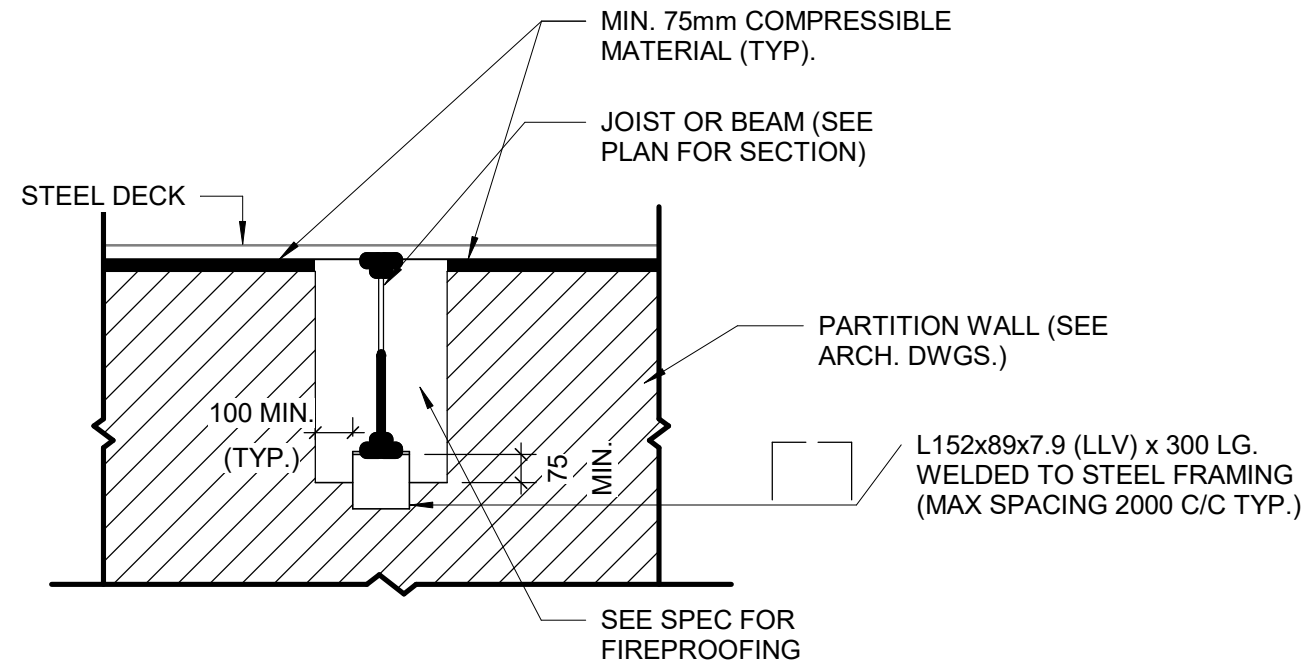
3 PARTITION WALL PARALLEL TO JOISTS OR BEAM
D2200 Scale: 1 : 20



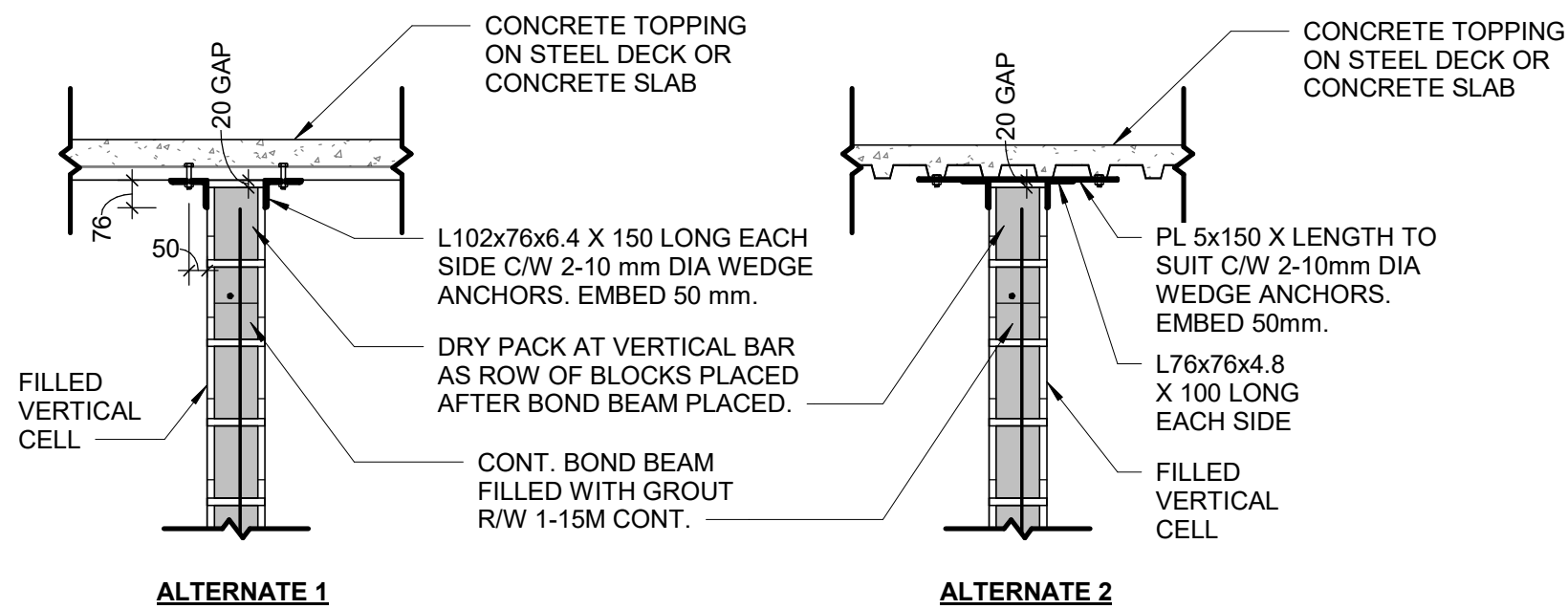
4 PARTITION WALL PERPENDICULAR TO JOIST OR BEAM
D2200 Scale: 1 : 20



5 PARTITION WALL BETWEEN BEAMS
D2200 Scale: 1 : 20

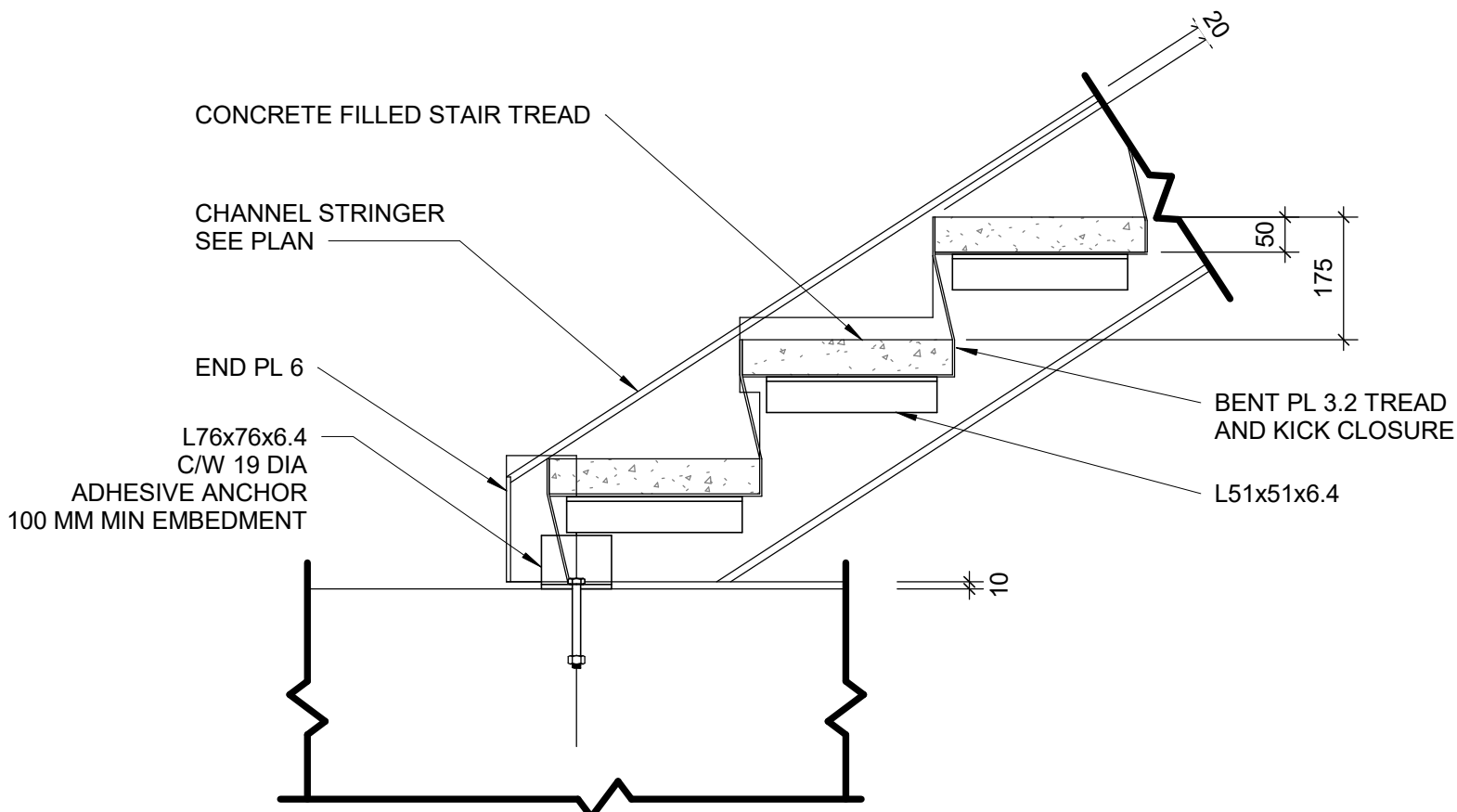


6 PARTITION PERPENDICULAR TO JOIST OR BEAMS
D2200 Scale: 1 : 20

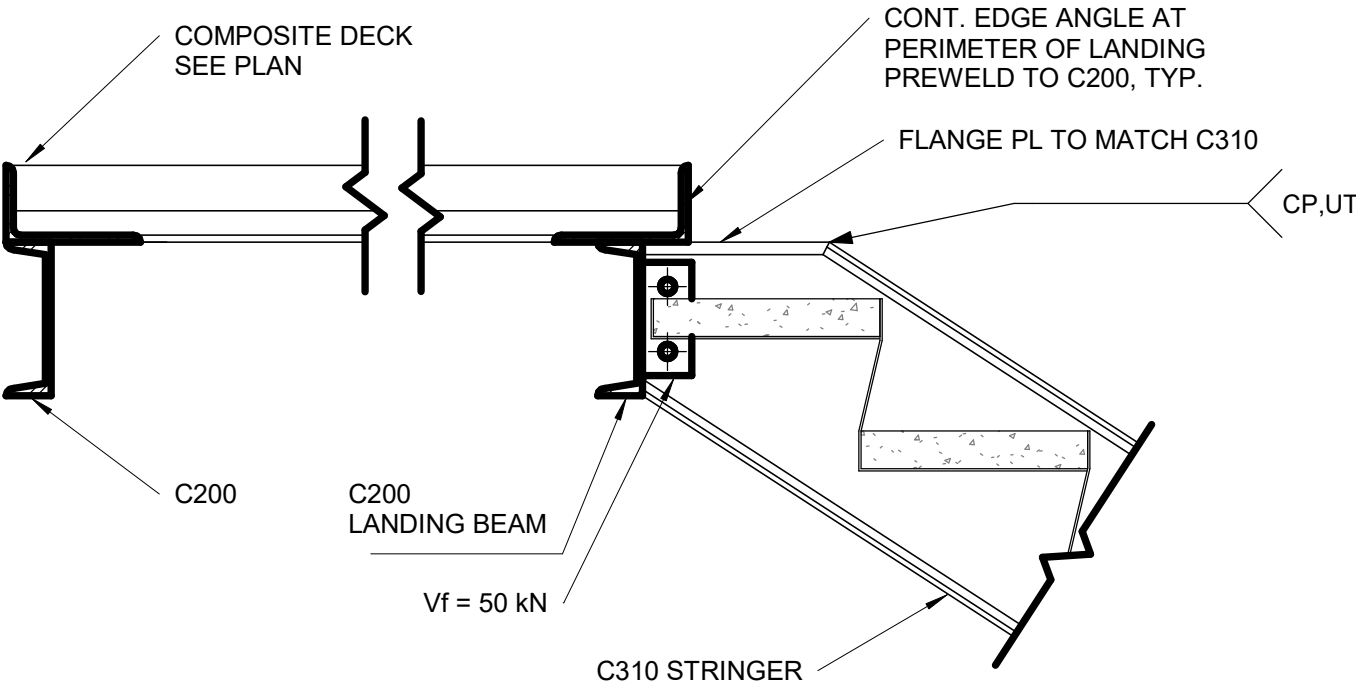


NOTES:
1. ALL CONNECTIONS TO BE AT FILLED VERTICAL CELLS AT 1200 mm O/C MAXIMUM UNLESS NOTED OTHERWISE.
2. FIELD WELD ANGLES TO EMBEDDED PLATE.

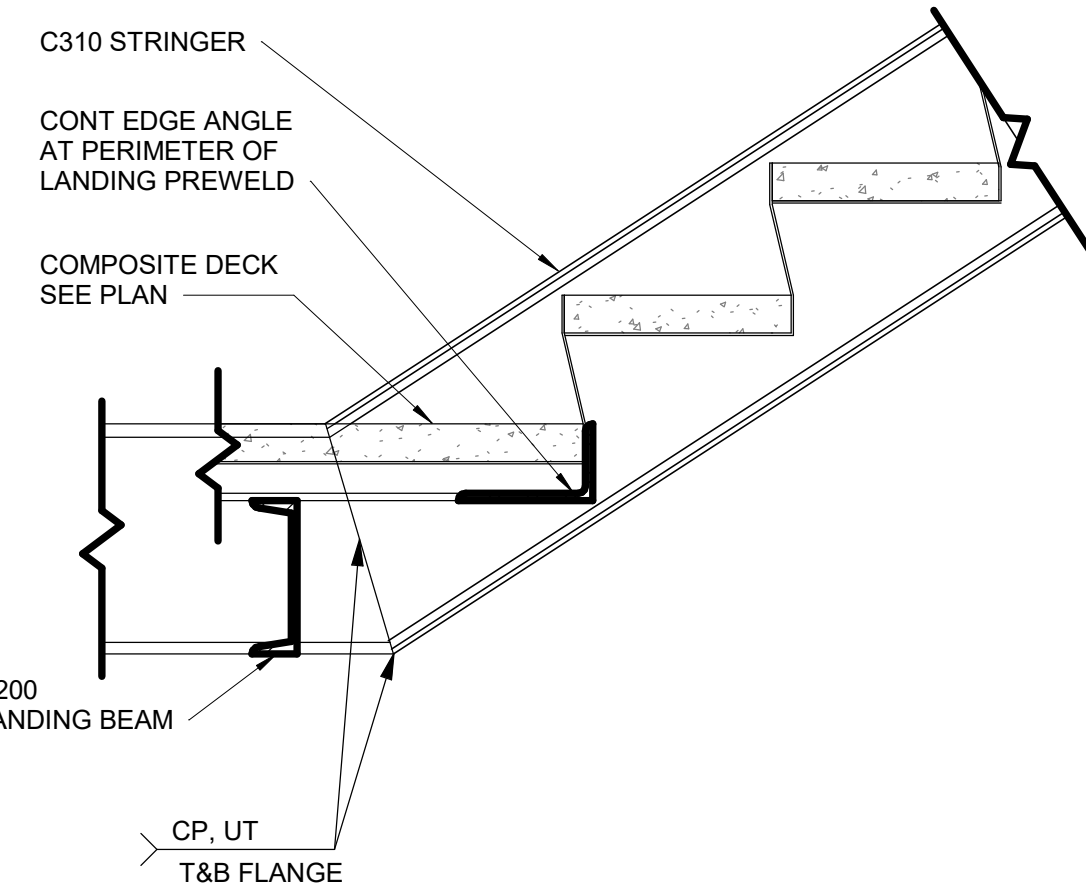
7 SUPPORT DETAIL AT TOP OF BLOCK WALL
D2200 Scale: 1 : 20



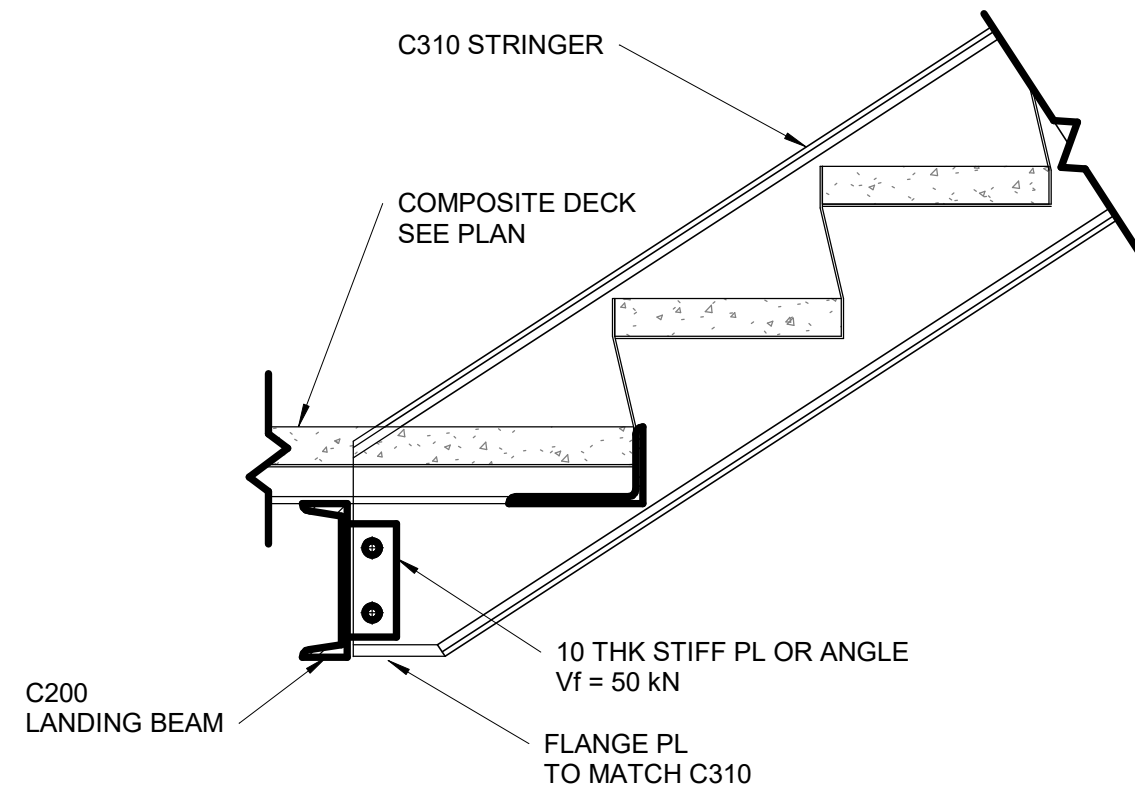
8 TYPICAL SLAB UNDER STRINGER
D2200 Scale: 1 : 10



10 TYPICAL SECTION AT UPPER LANDING
D2200 Scale: 1 : 10



12 TYPICAL SECTION AT LOWER LANDING STRINGER
D2200 Scale: 1 : 10



11 TYPICAL SECTION AT LOWER LANDING
D2200 Scale: 1 : 10

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No.	DESCRIPTION	DATE
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B	90% SUBMISSION	2022-07-29
C	ISSUED FOR PERMIT	2022-07-29
D	ISSUED FOR TENDER	2022-12-09
E	ISSUED FOR TENDER	2025-04-11

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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

DRAWN BY:
G. POULOU

CHECKED BY:
M. FAYAZI

PROJECT MGR:
N. FRISCH

APPROVED BY:
K. ANGER

SHEET TITLE
**STRUCTURAL STEEL
DETAILS - 1**

SHEET NUMBER

G03-D2200

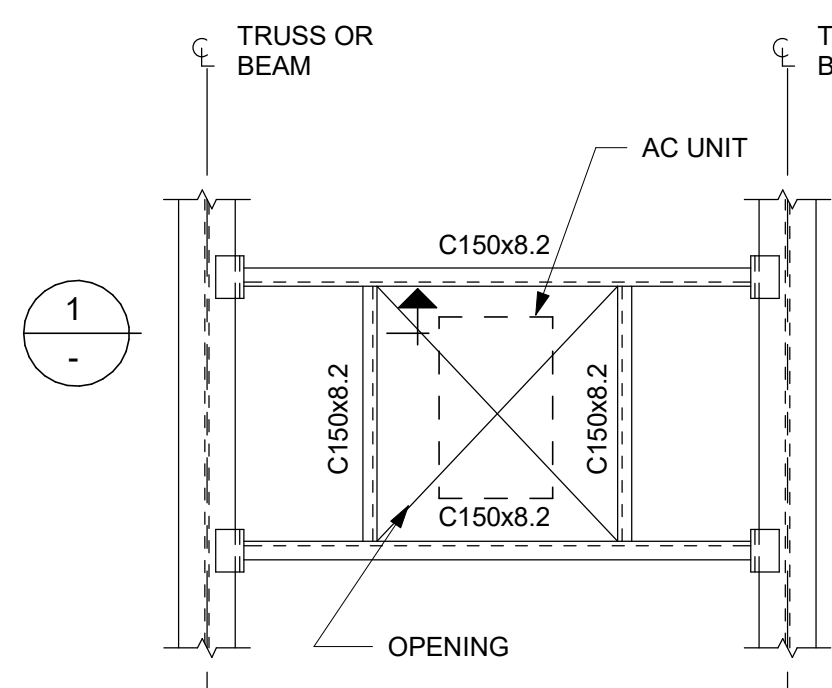
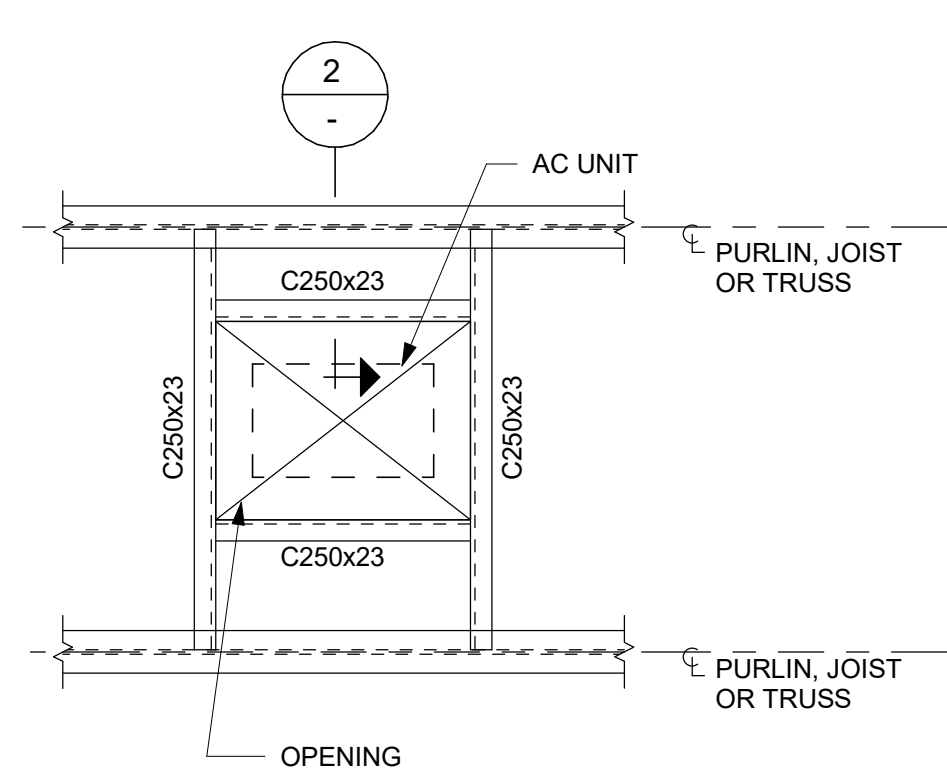
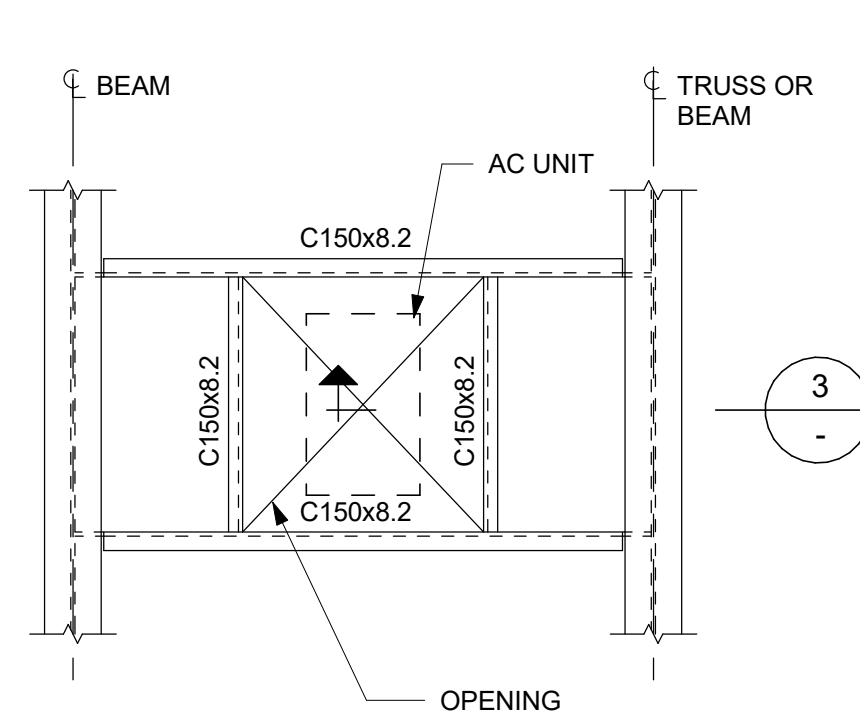
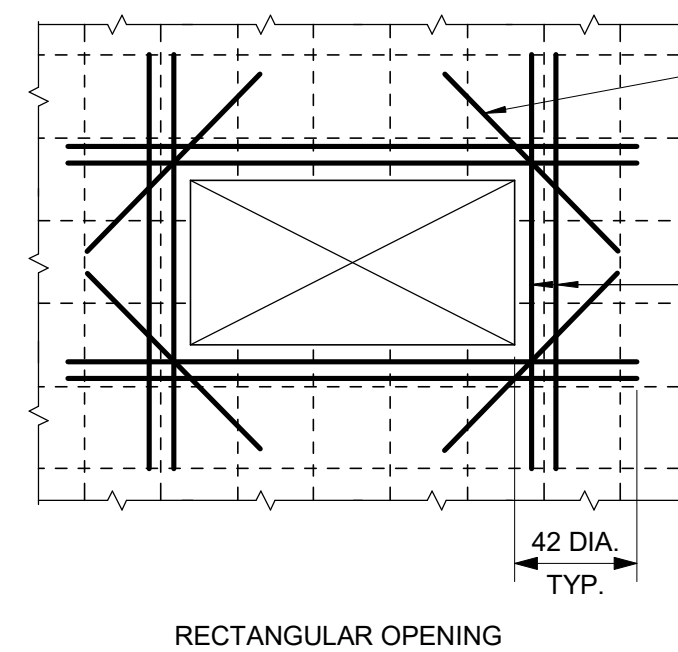
ISSUE

E

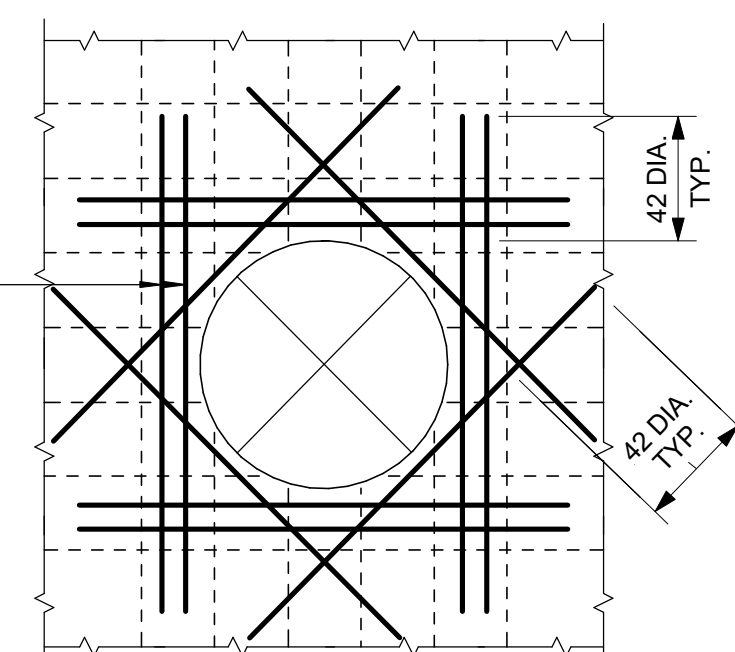
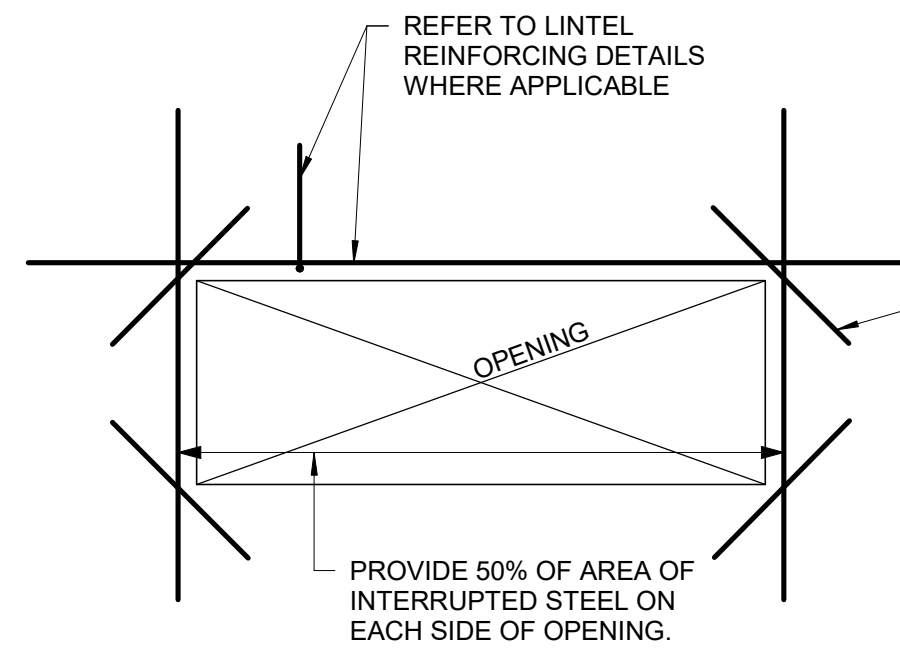
Autodesk Docs // 122260 - Cot TAU Upgrades R2024122260-TAU-G03-Details-R20.rvt

10mm

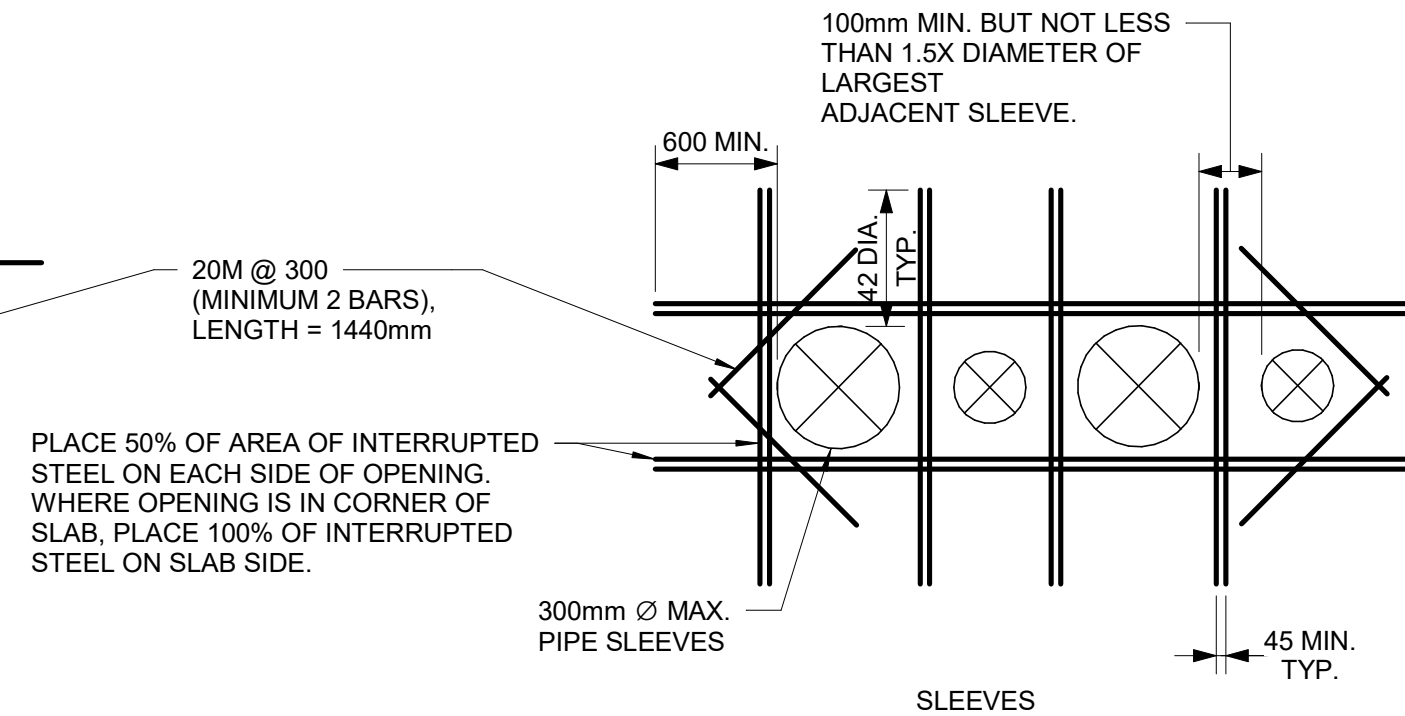
SCALE CHECK
1"=1m

**FRAME TYPE "A"****FRAME TYPE "B"****FRAME TYPE "C"****RECTANGULAR OPENING****NOTES:**

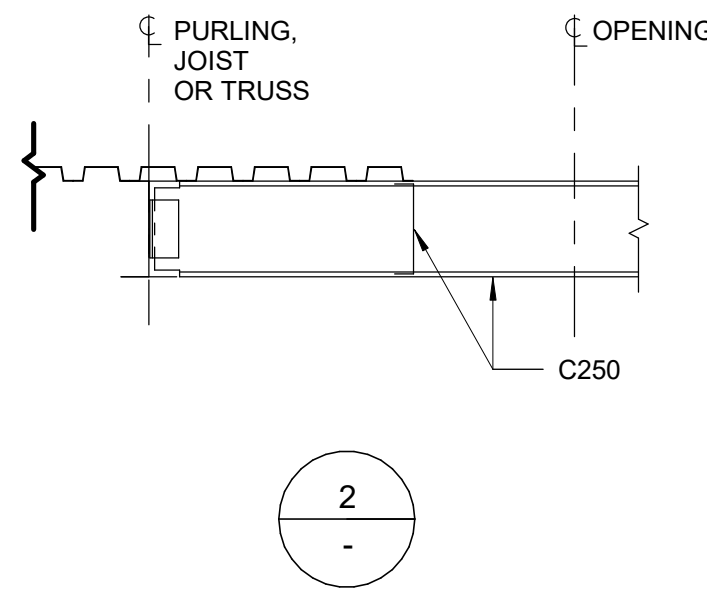
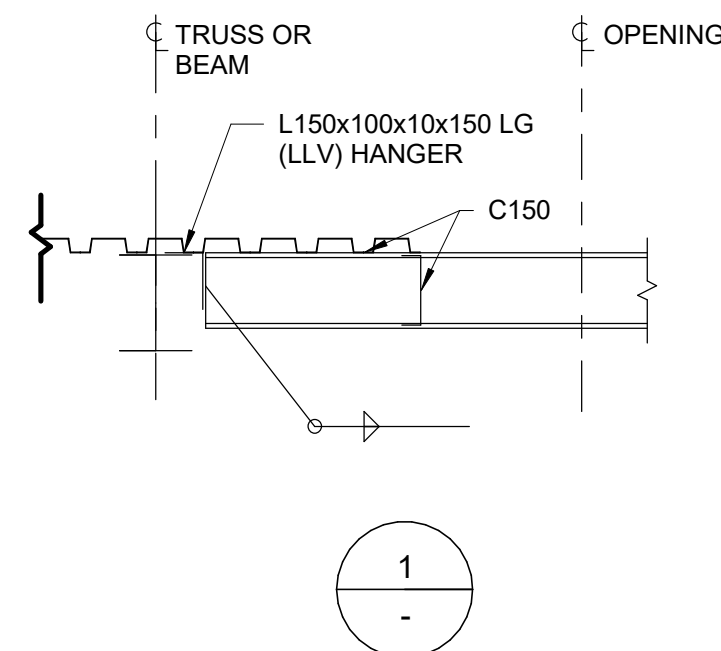
1. UNLESS NOTED OTHERWISE ON PLANS AND SECTION, REINFORCE AROUND OPENINGS AS SHOWN. DO NOT MAKE OPENINGS LARGER THAN THE MAXIMUM DIMENSIONS NOTED BELOW WITHOUT PRIOR REVIEW FROM THE ENGINEER OF RECORD, UNLESS NOTED ON STRUCTURAL DRAWINGS.
2. MAXIMUM SLAB OPENING SIZE IS 2500mm SQUARE OR ROUND U/N ON DRAWINGS. THIS DETAIL APPLIES FOR OPENINGS WITH A DIMENSION GREATER THAN 150mm. THIS DETAIL ALSO APPLIES AT PIPE OPENINGS.

**CIRCULAR OPENING****LINTEL REINFORCING
(FOR DOOR/LOUVRE OPENINGS W/ SPAN > 2500mm)**

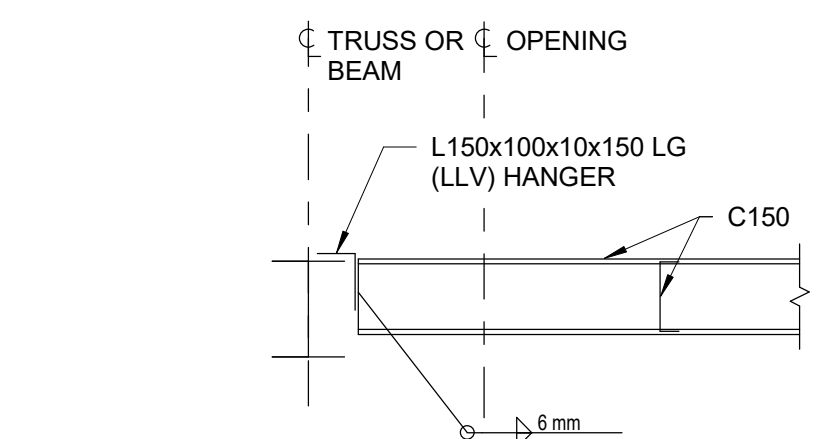
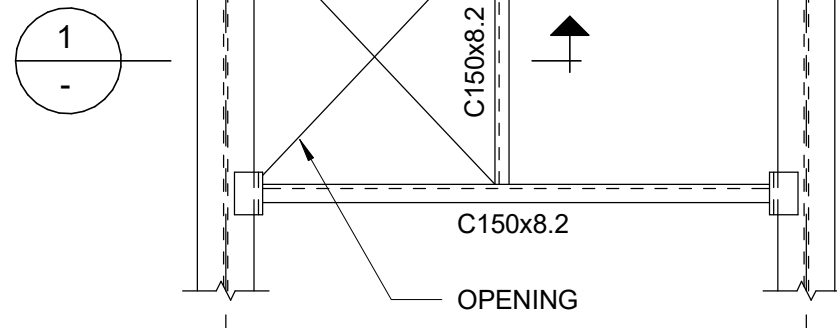
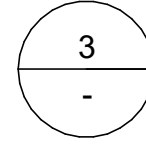
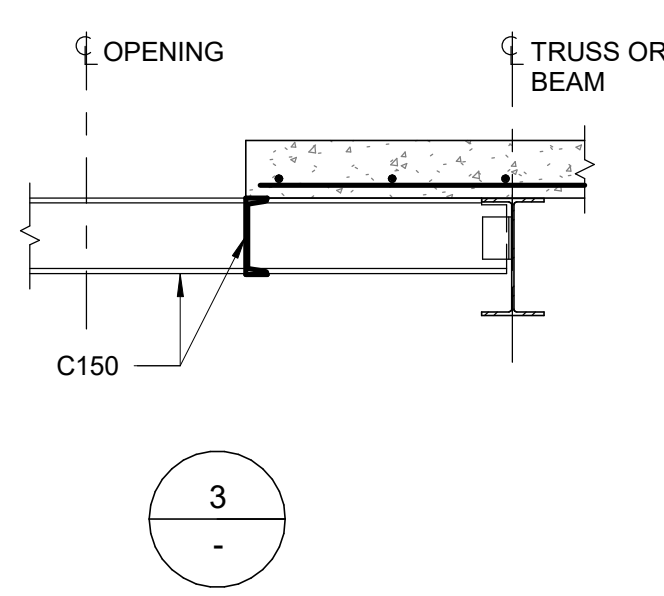
* UNLESS OTHERWISE DETAILED ON PLANS OR SECTIONS

**2 ADD'L REINF. TO OPENINGS IN CONC. WALLS AND SLABS**

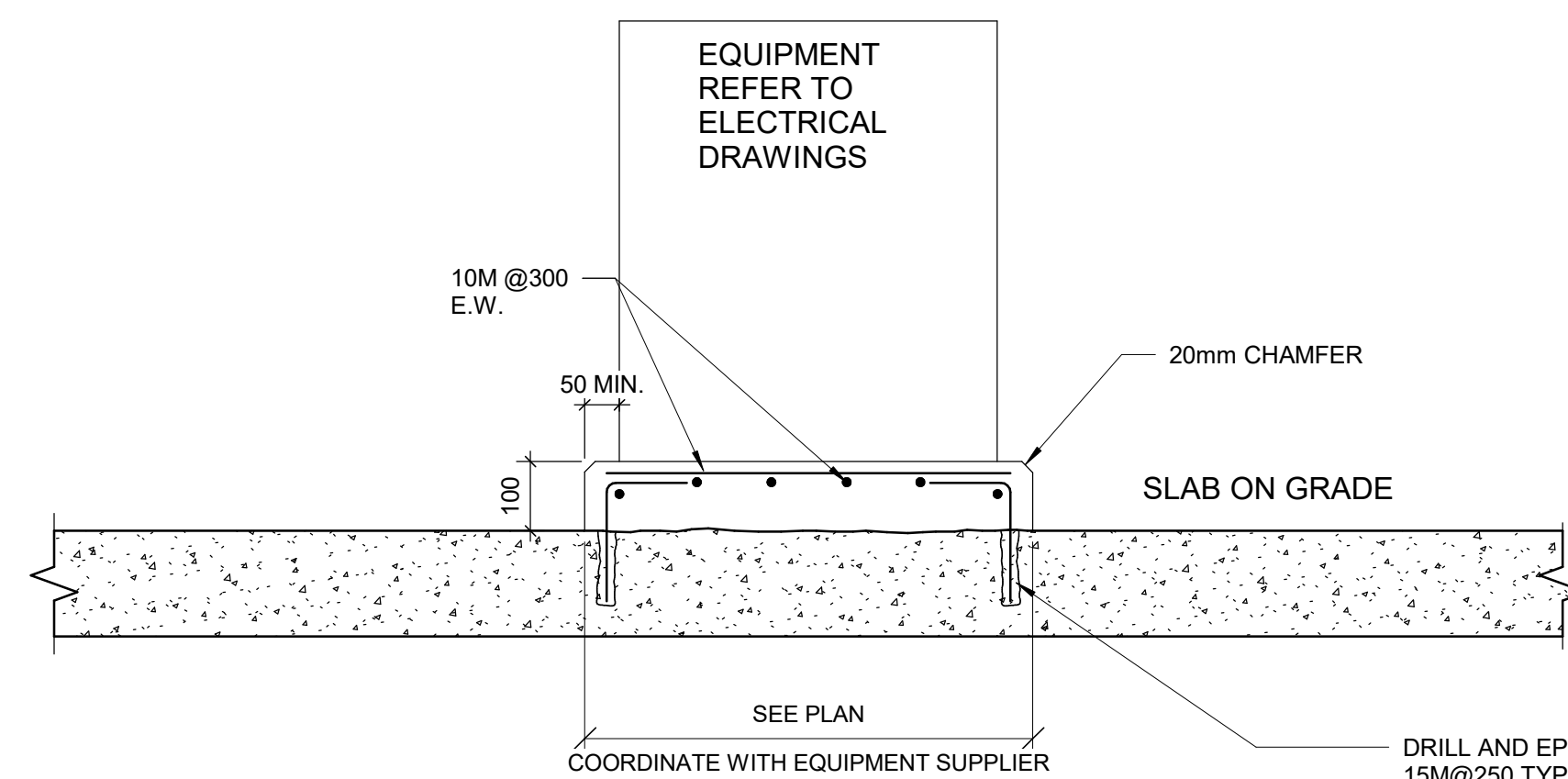
D2201 Scale: 1 : 20

**1 TYPICAL ROOF OPENING**

D2201 Scale: 1 : 20

**4 TAU-S-014-00 TYPICAL ROOF OPENING ADJACENT TO BEAM**

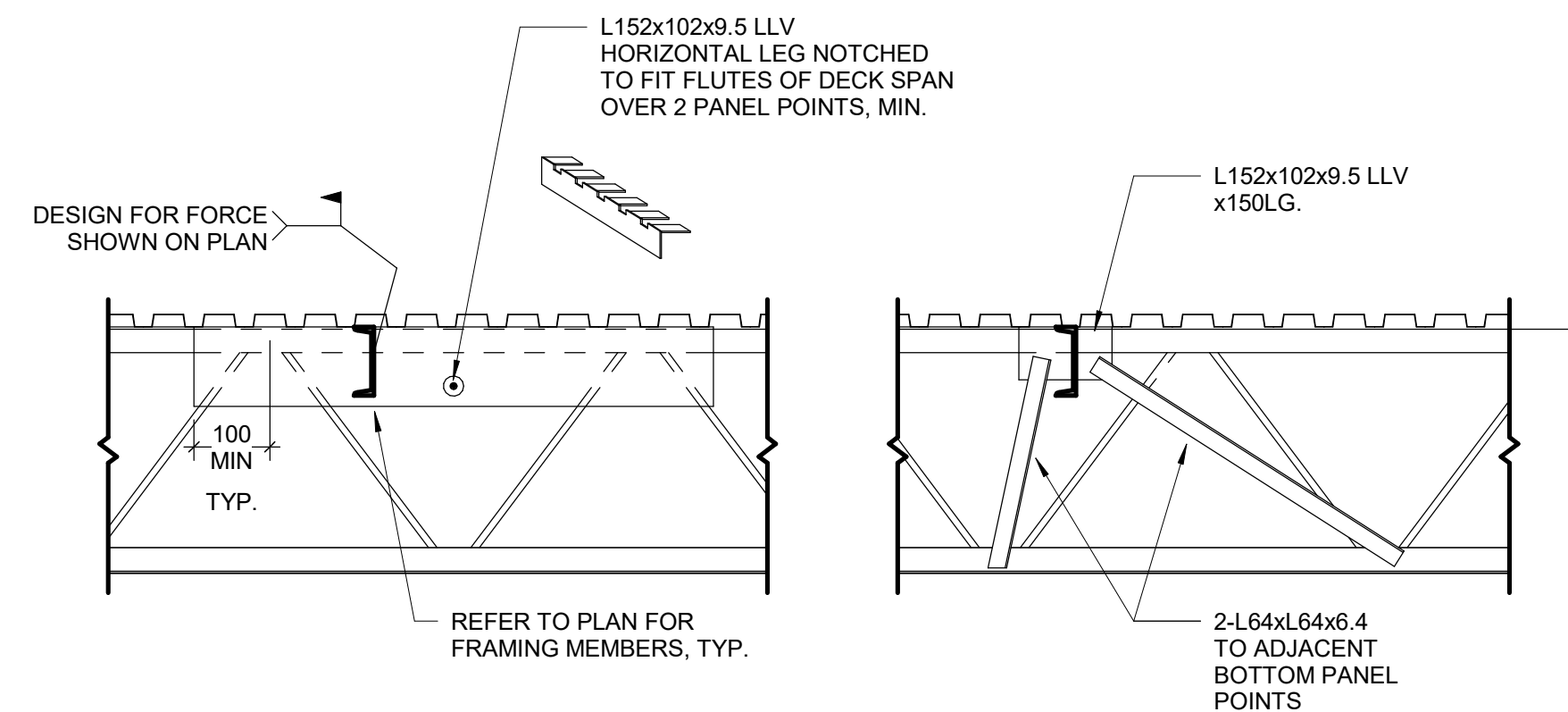
D2201 Scale: 1 : 20



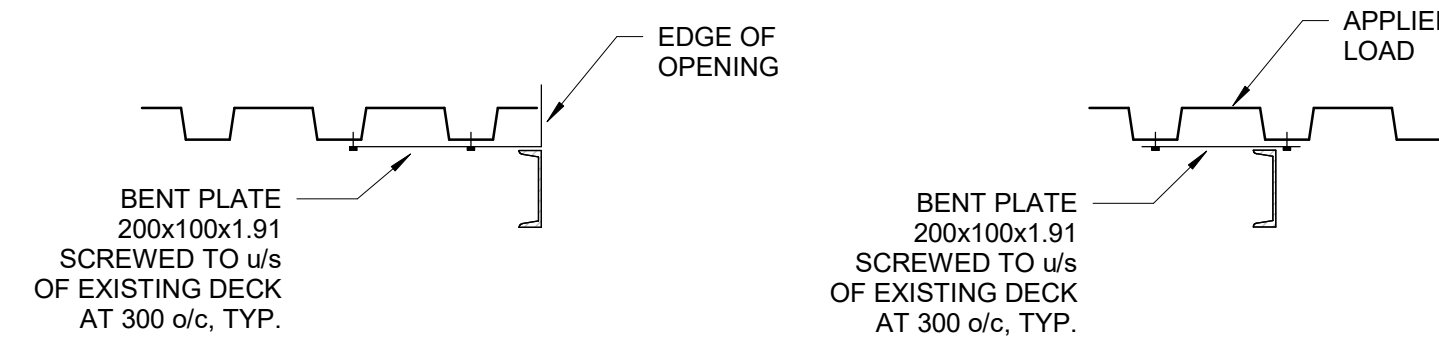
MIN EMBEDMENT	S.O.G. THICKNESS
MIN 3"	125mm
MIN 4"	150mm
MIN 6"	200mm

5 TYPICAL HOUSEKEEPING PAD

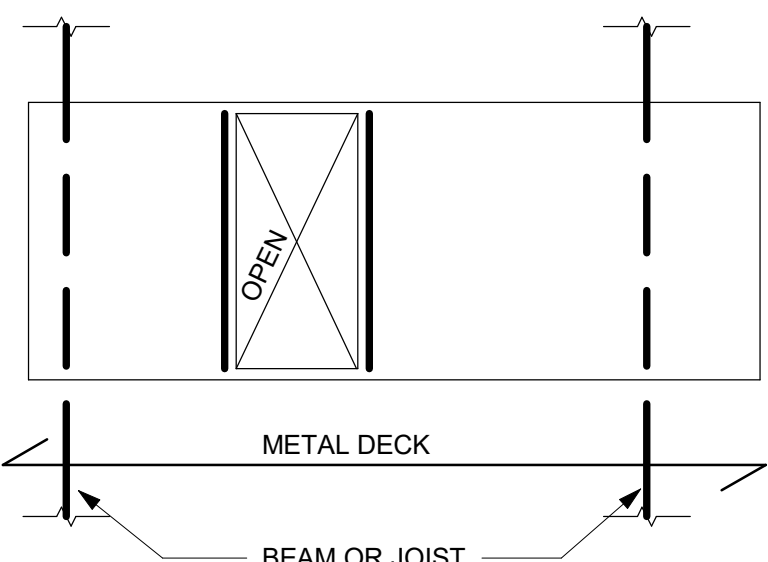
D2201 Scale: 1 : 10

**DETAIL AT EXISTING JOIST**

(TWO OPTIONS SHOWN)

**DETAIL AT EXISTING DECK****3 FRAMING INTO EXISTING STEEL JOISTS AND DECK**

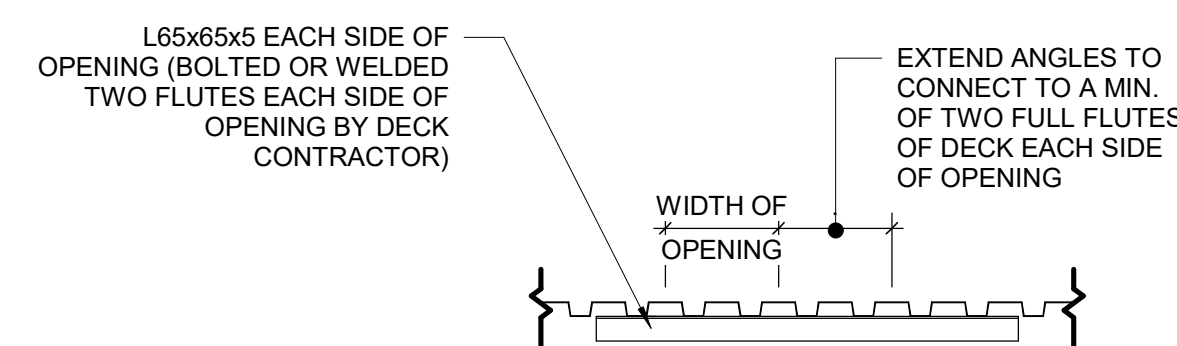
D2201 Scale: 1 : 20

**6 OPENINGS IN METAL ROOF DECK**

D2201 Scale: 1 : 20

NOTES:

1. OPENINGS UP TO 150mm SQUARE OR IN DIAMETER AND SPACED A MINIMUM 300mm CLEAR FROM ADJACENT OPENINGS DO NOT REQUIRE REINFORCING.
2. OPENINGS LARGER THEN 150mm, BUT NOT EXCEEDING 450mm, ARE TO BE REINFORCED. SEE DETAIL 7/D2201.
3. OPENINGS LARGER THAN 450mm UP TO MAXIMUM ON DETAIL 1/D2201 1200mm SQUARE ARE TO BE REINFORCED AS SHOWN ABOVE, UNLESS INDICATED OTHERWISE ON PLAN.
4. CONNECT FRAMING FOR A MINIMUM END REACTION OF 10kN.

**7 METAL DECK OPENINGS 200 TO 360 WIDE**

D2201 Scale: 1 : 20

CLIENT

CITY OF TORONTOCorporate Real Estate Management
Project Management Office
Metro Hall Toronto, ON
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PROJECT TITLE

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ACCESSIBILITY UPGRADES**

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9119- 19- 0162 / Arcadis 30279056

DRAWN BY:

G. POULOU

CHECKED BY:

M. FAYAZI

PROJECT MGR:

N. FRISIC

APPROVED BY:

K. ANGER

SHEET TITLE

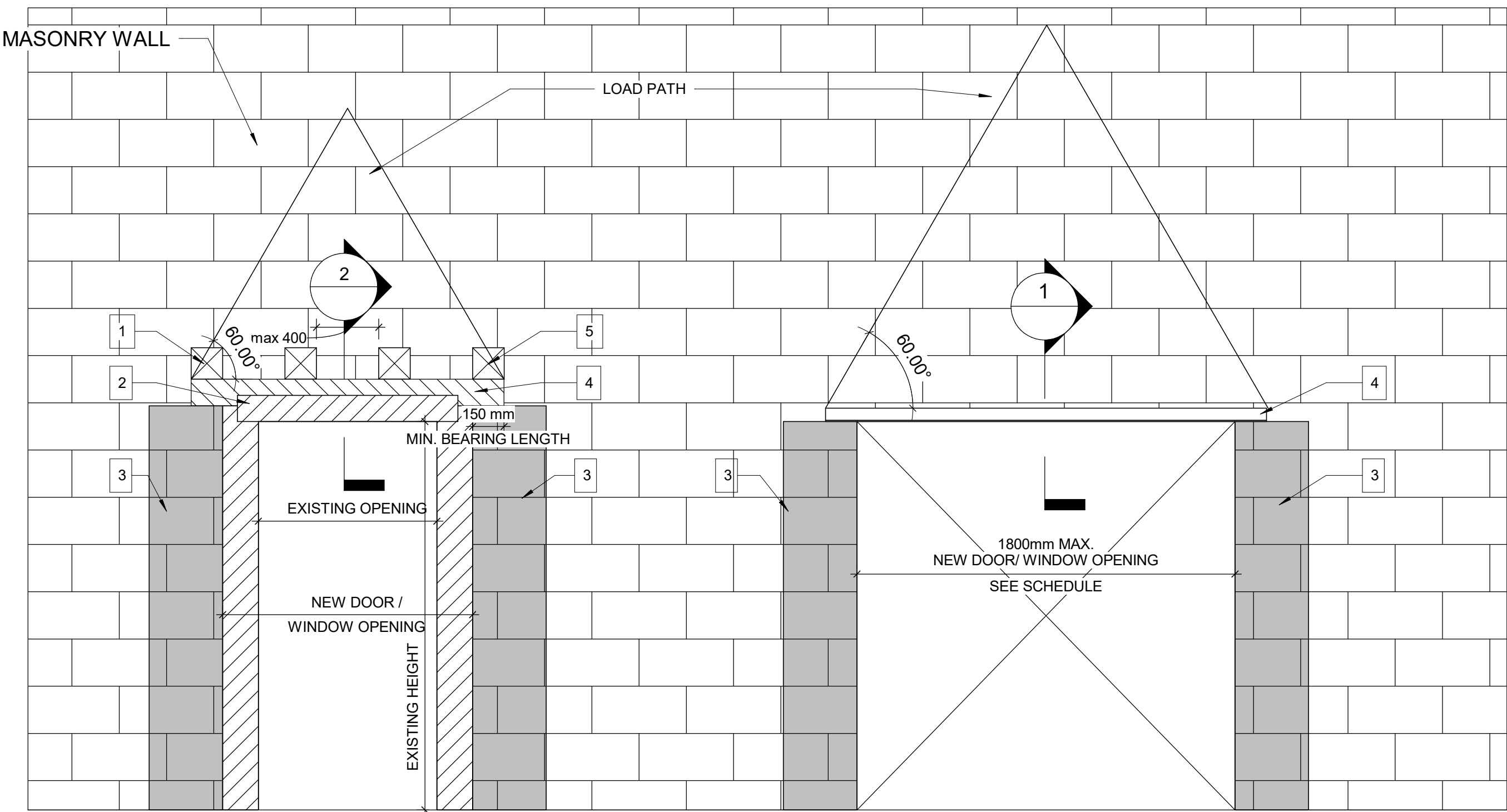
**STRUCTURAL STEEL
DETAILS - 2**

SHEET NUMBER

G03-D2201

ISSUE

E



**WIDENING AN EXISTING OPENING
IN EXISTING MASONRY WALL TYP.**

PROPOSED SEQUENCE OF WORK

1	CREATE NEW 150x150mm HOLES @ 400mm INTO EXISTING MASONRY WALL AND SHORE THE WALL ABOVE, SEE DETAIL 1. OR SHORE THE WALL ABOVE BY USING 2 CHANNELS BACK TO BACK AND THROUGH BOLTS @350mm, SEE DETAIL 2
2	DEMOLISH THE EXISTING LINTEL, THE VOID FOR NEW BEAM AND THE WALL FROM EACH SIDE OF THE NEW OPENING
3	FILL TWO CORES MIN. OF EXISTING MASONRY WALL WITH GROUT EACH SIDE OF THE NEW OPENING, (DRILL HOLES TOP AND BOTTOM OF EACH CORE, INJECT GROUT, CLOSE HOLES WITH MORTAR AND MAKE GOOD SURFACE)
4	INSTALL NEW LINTEL. SEE LINTEL SCHEDULE FOR LINTEL SIZE
5	ADD MASONRY FACES AT LINTEL AND REPAIR MASONRY COURSE

**NEW DOOR/WINDOW OPENING
INTO EXISTING MASONRY WALL TYP.**

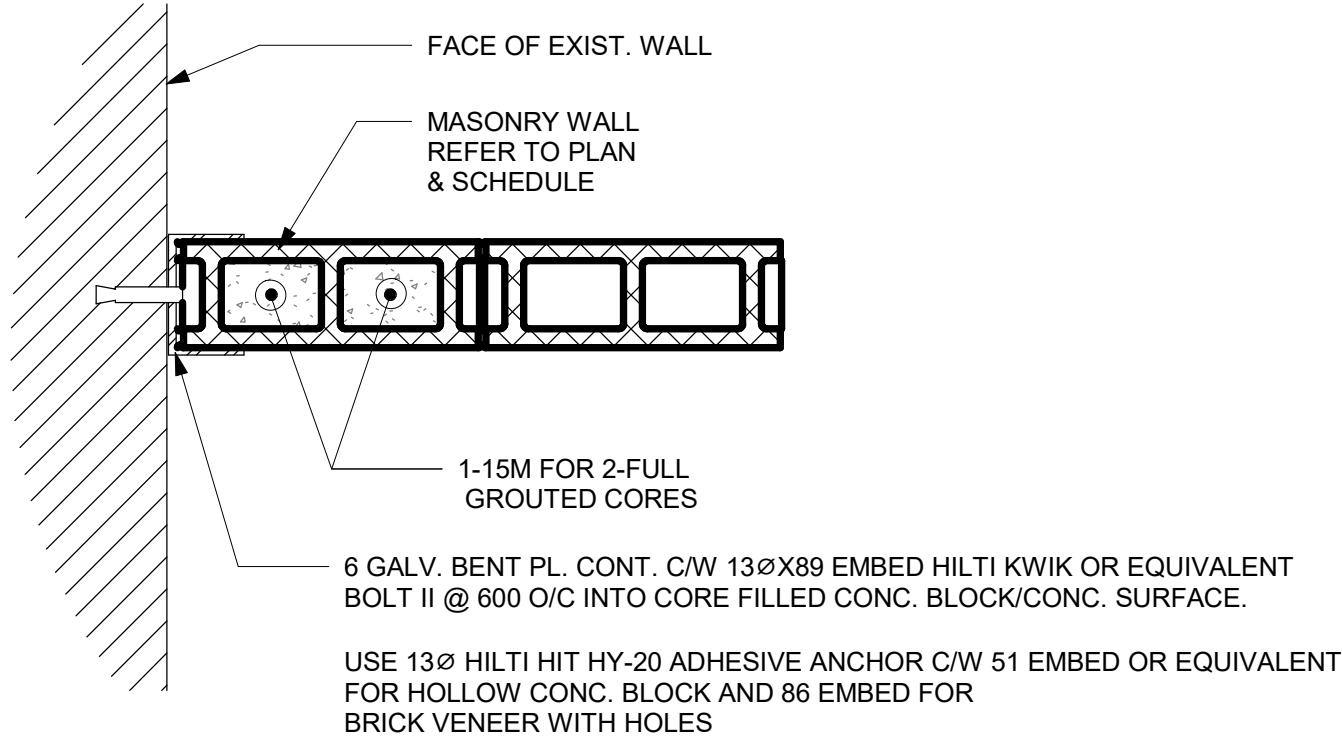
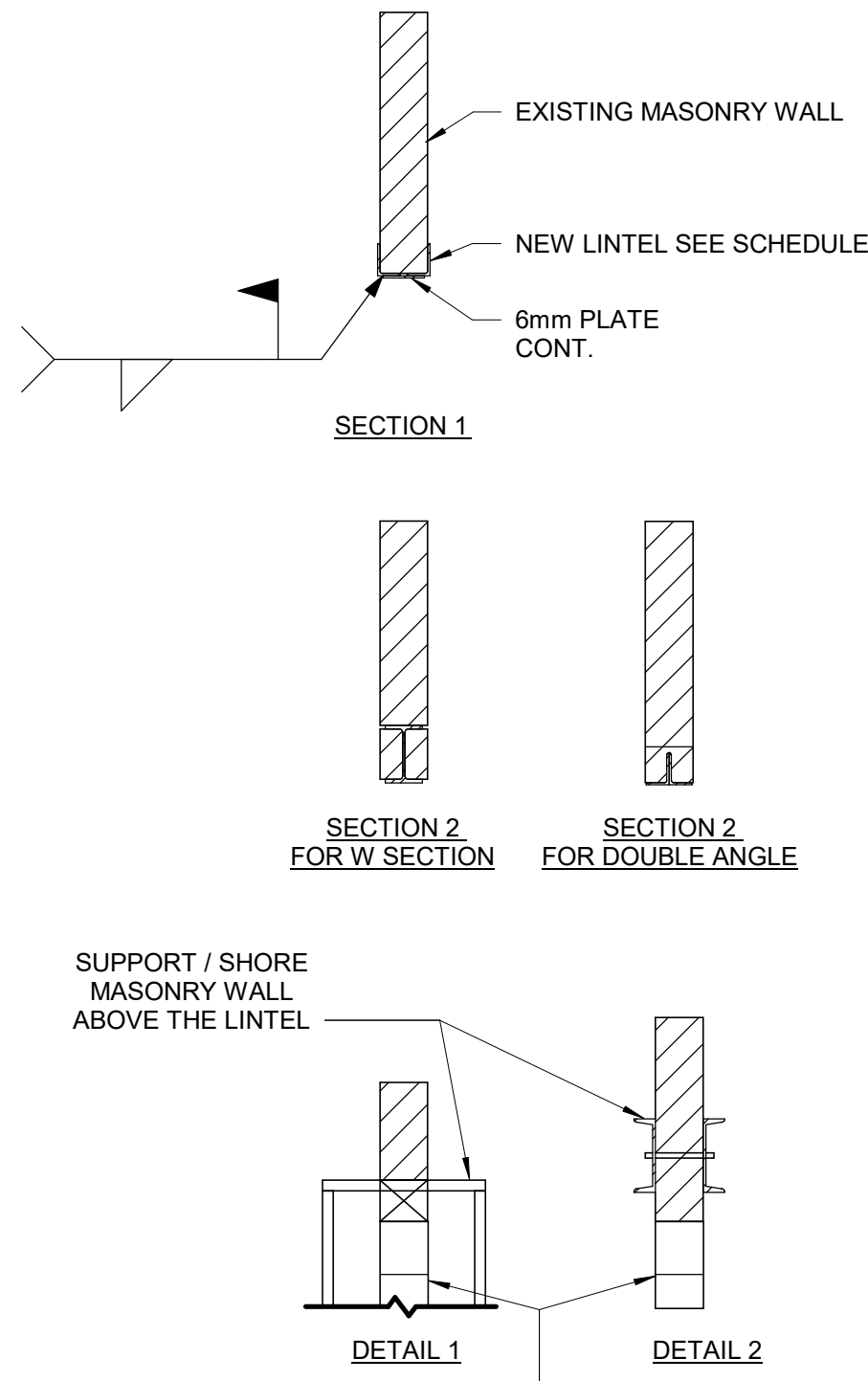
LINTEL:

OVER ALL OPENINGS IN MASONRY WALLS PROVIDE THE FOLLOWING LINTELS.
UNLESS OTHERWISE SHOWN.

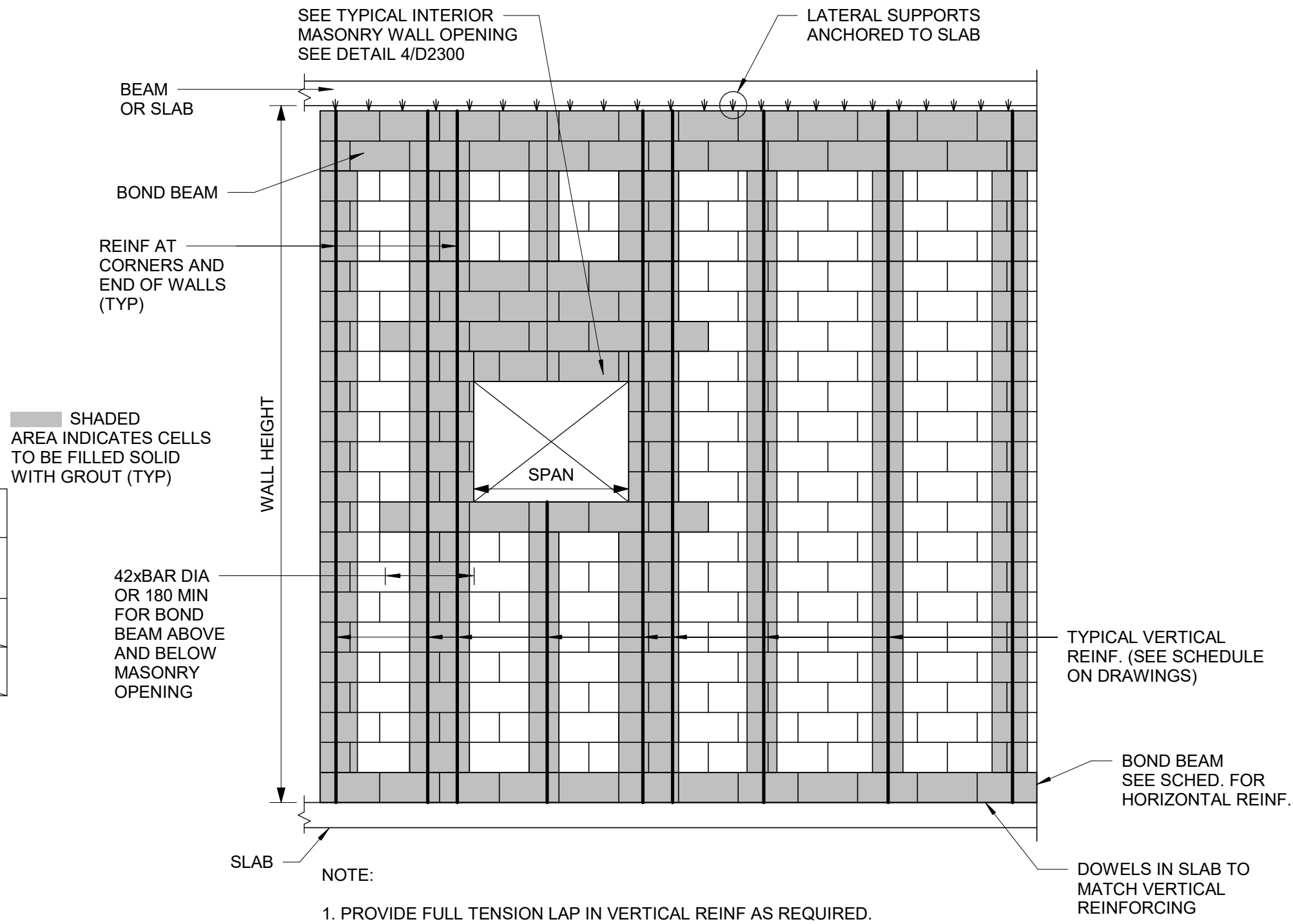
STEEL LINTELS

CLEAR SPAN mm (ft-in)	140 (6") WALL	190 (8") WALL	240 (10") WALL	290 (12") WALL	350 WALL	430 WALL
UP TO 1200 (4'-0")	L127x127x7.9	2-L89x89x7.9 +170x6mm PL	L89x89x7.9 +L127x89x7.9 LLV +220x6mm PL	3-L89x89x7.9 +270x6mm PL	3-L127X89X7.9 (LLV)	3-L127X127X7.9 +410X6mm PL
1201 TO 1800 (4'-0 - 6'-)	2-L89x64x6.4LLV	2-L127x89x7.9LLV	L127x89x7.9LLV +L127x127x7.9	3-L127x89x7.9LLV		
1801 TO 3100 (6'- 10")	2-L89x64x9.5LLV	2-L152x89x9.5LLV	2-L152x89x9.5LLV	3-L152x89x9.5LLV		

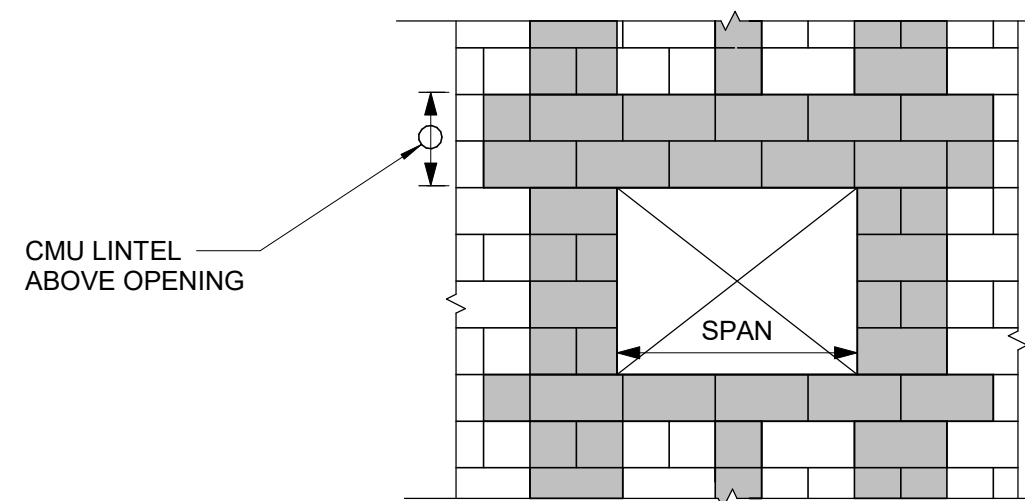
- TO INSTALL A LINTEL TO THE EXISTING BLOCK WALL FOR A NEW OPENING, CUT A GROOVE THROUGH THE EXISTING BLOCK WALL AT THE TOP OF THE NEW OPENING AND INSTALL THE ANGLE FROM ONE SIDE OF THE WALL FOR SINGLE SNGLE OR FROM BOTH SIDES OF THE WALL FOR DOUBLE ANGLE AND THEN CUT THE OPENING.
- MINIMUM BEARING FOR STEEL LINTELS SHALL BE 150mm
- ALL STEEL LINTELS AND SHELF ANGLES IN THE EXTERIOR MASONRY SHALL BE HOT DIP GALVANIZED
- THESE LINTELS ARE FOR NON-LOAD BEARING WALLS. VERIFY THE WALLS DO NOT SUPPORT FLOOR OR ROOF FRAMING. DO NOT IN LOAD BEARING WALLS UNLESS REVIEWED BY THE CONSULT.
- VERIFY THE FOLLOWING:
I) NO CONTROL OR MOVEMENT JOINTS ABOVE THE LINTEL AND/OR BEYOND THE OPENING.
II) WALL EXTENDS MINIMUM 50% OF SPAN (AND 50% OF OPENING HEIGHT) BEYOND THE OPENING.
III) WALL EXTENDS MINIMUM 70% OF SPAN ABOVE THE OPENING.
- STRENGTHEN BEARING POINTS TO FOUNDATION, OR 400 DEEP WHEN SPAN BELOW 3600, GROUT CMU OR STONE MASONRY. BRICK IN AND GROUT VOIDS IN MULTI-WY THE BRICK, REPORT MORTAR JOINTS.
- DRYPACK WITH NON-SHRINK GROUT WHERE NECESSARY TO ACHIEVE UNIFORM BEARING THROUGHOUT. ENSURE EVEN BEARING BELOW LINTEL ENDS.
- SEE GENERAL NOTES FOR OTHER REQUIREMENTS (i.e. GROUT BEARING POINTS).
- HOT-DIP GALVANIZE LINTELS IN EXTERIOR WALLS EXPOSED TO WEATHER.
- SEE ARCH FOR STEEL FIRE PROTECTION.
- DOUBLE BEARING LENGTH FOR SOFT OR MEDIUM BRICK IN LIME MORTAR, AND FOR RUBBLE STONE IN LIME MORTAR OR LIME AND CEMENT MORTAR.



2 TYPICAL CMU WALL CONNECTION TO EXISTING WALL
D2300 Scale: 1 : 10



3 TYPICAL NEW MASONRY WALL DETAILS
D2300 Scale: 1 : 20



4 OPENING IN NEW MASONRY WALL
D2300 Scale: 1 : 20

1 WIDENING MASONRY WALL OPENING OR NEW OPENING IN EXISTING MASONRY WALL
D2300 Scale: 1 : 20

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9119- 19- 0162 / Arcadis 30279056

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PROJECT MGR:

N. FRISCIC

APPROVED BY:

K. ANGER

SHEET TITLE
MASONRY DETAILS

SHEET NUMBER

G03-D2300

ISSUE

E

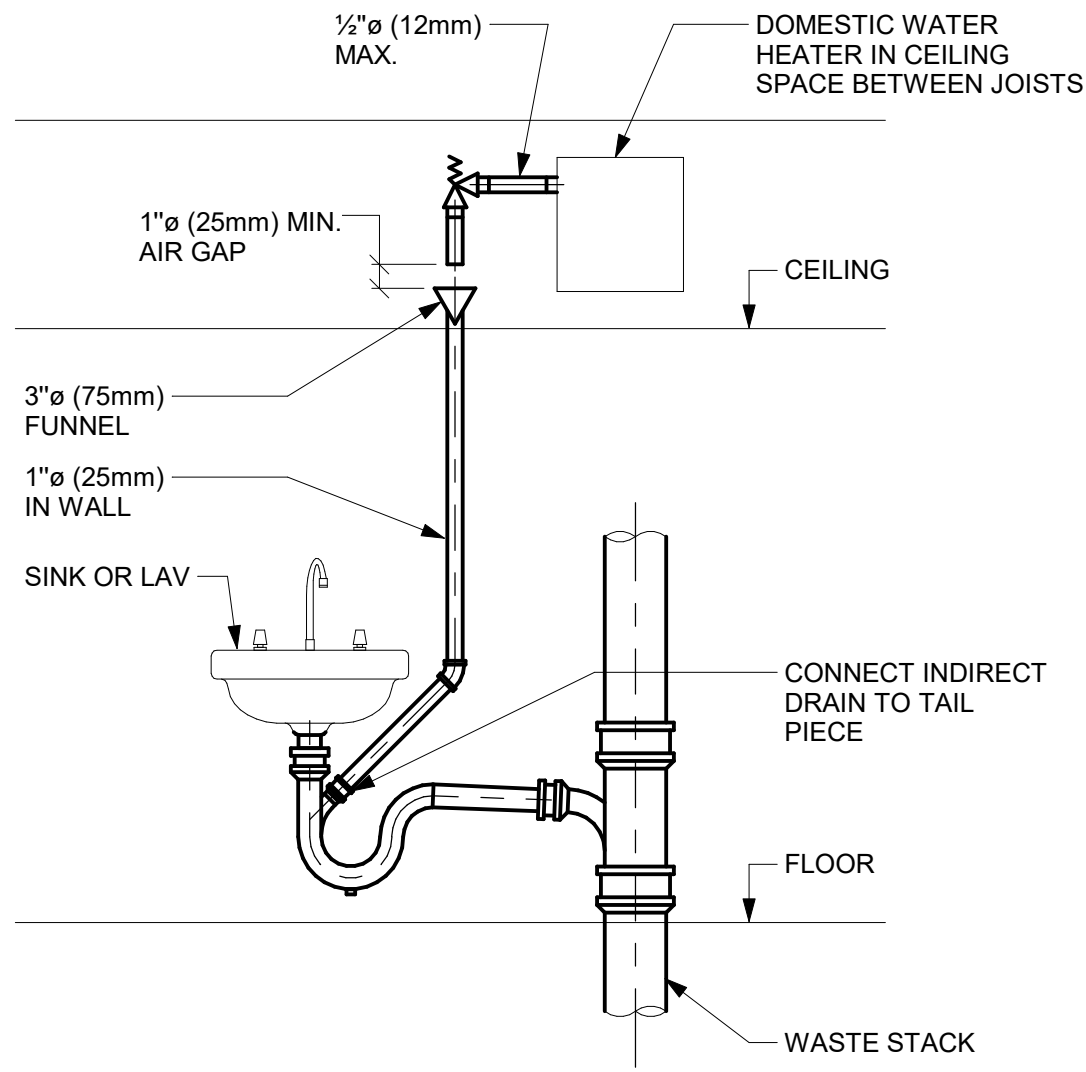
PLUMBING FIXTURE SCHEDULE

DESCRIPTION	SERVICES				REMARKS
	CW	HW	WASTE	VENT	
WATER CLOSET (FLUSH VALVE)	25	-	75	40	
WATER CLOSET (FLUSH TANK)	12	-	75	40	
URINAL (FLUSH VALVE)	20	-	50	40	
URINAL (FLUSH TANK)	12	-	40	32	
LAVATORY	12	12	32	32	
SHOWER	12	12	75	32	
SERVICE SINK	12	12	75	40	
DRINKING FOUNTAIN	12	-	32	32	
SINKS	12	12	40	32	
GROUP WASH FOUNTAIN	25	25	40	40	

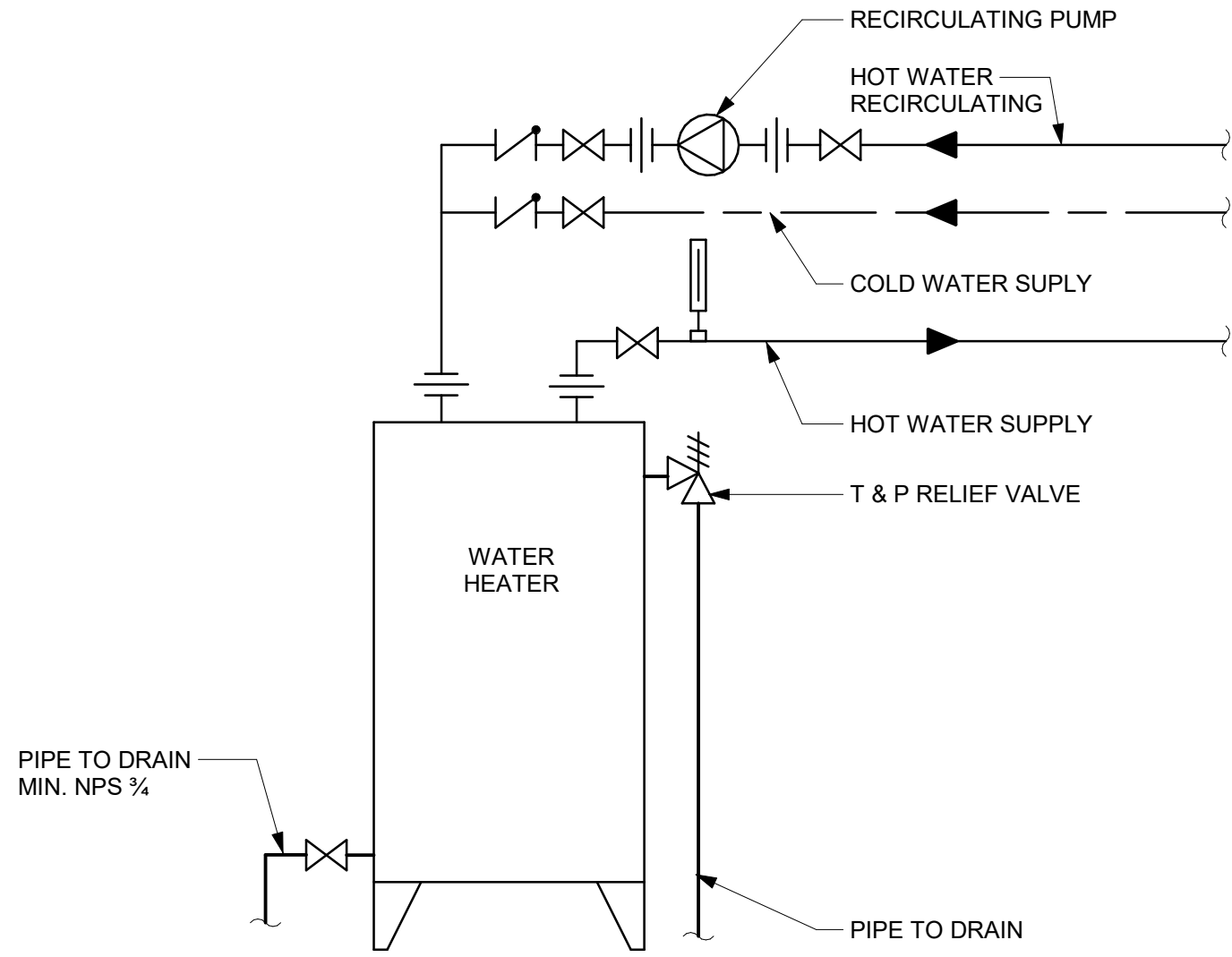
NOTES:

1. SIZING OF SUPPLIES INSIDE WASHROOM TO BE BASED ON 35 KPa PRESSURE DROP PER 30m OF PIPE OR MAXIMUM VELOCITY OF 1.2 mps.
2. CONTRACTOR SHALL PROVIDE SHOP DRAWING OF PLUMBING AND DRAINAGE INSIDE WASHROOM AREA FOR ALL WASHROOMS.

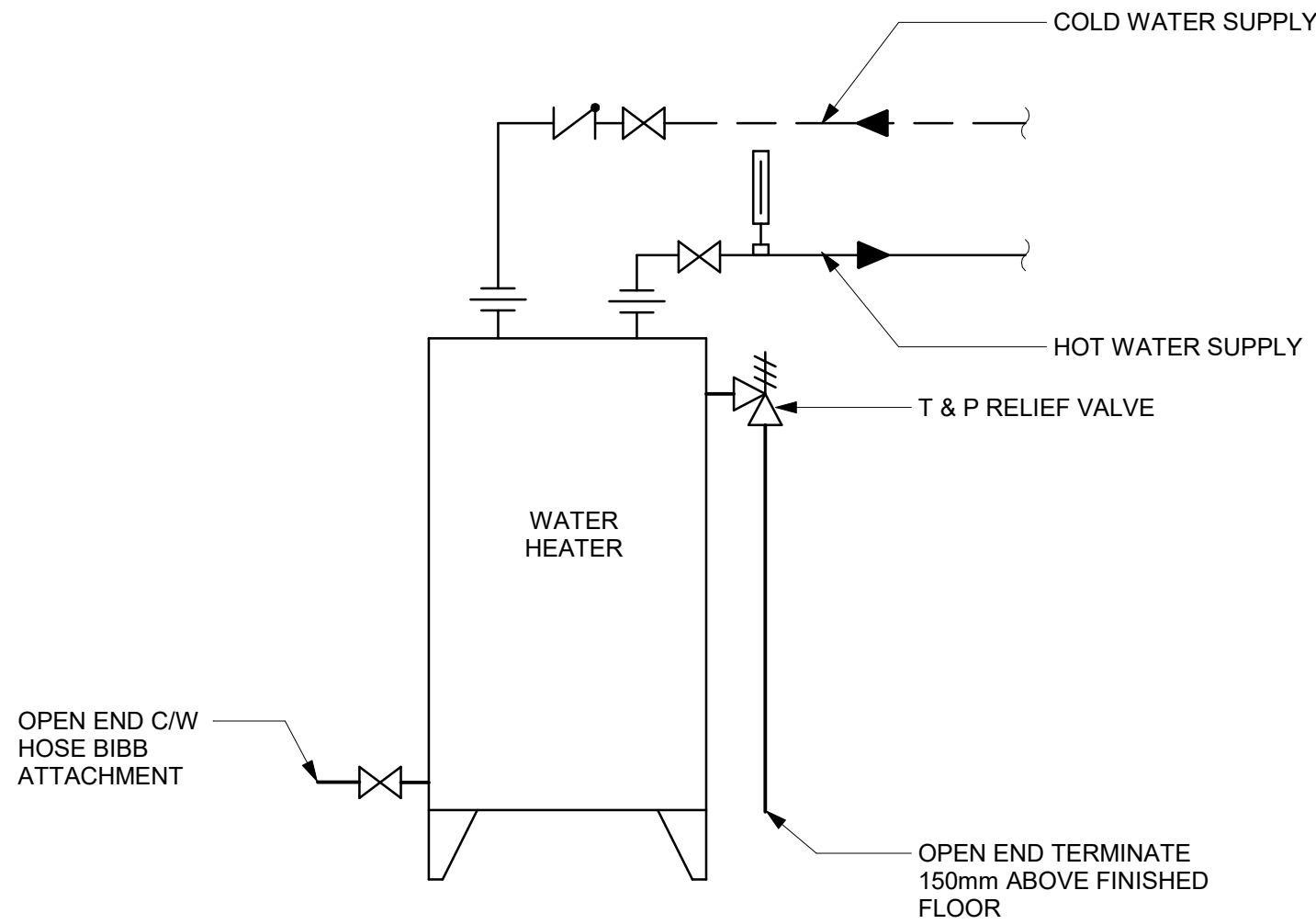
1 PLUMBING FIXTURE SCHEDULE
Scale: N.T.S.



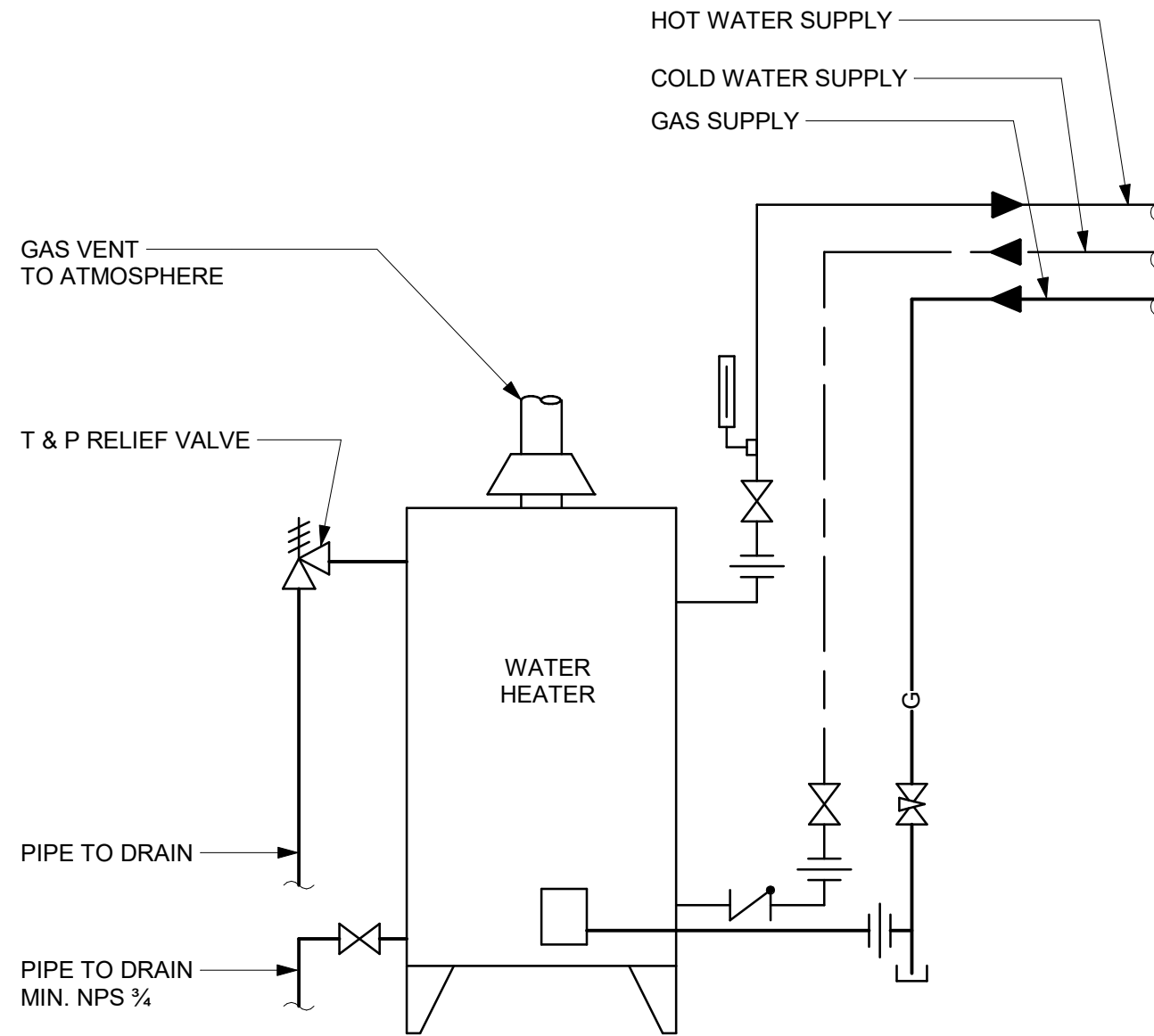
2 INDIRECT WASTE FROM OVERHEAD DWH RELIEF VALVE
Scale: N.T.S.



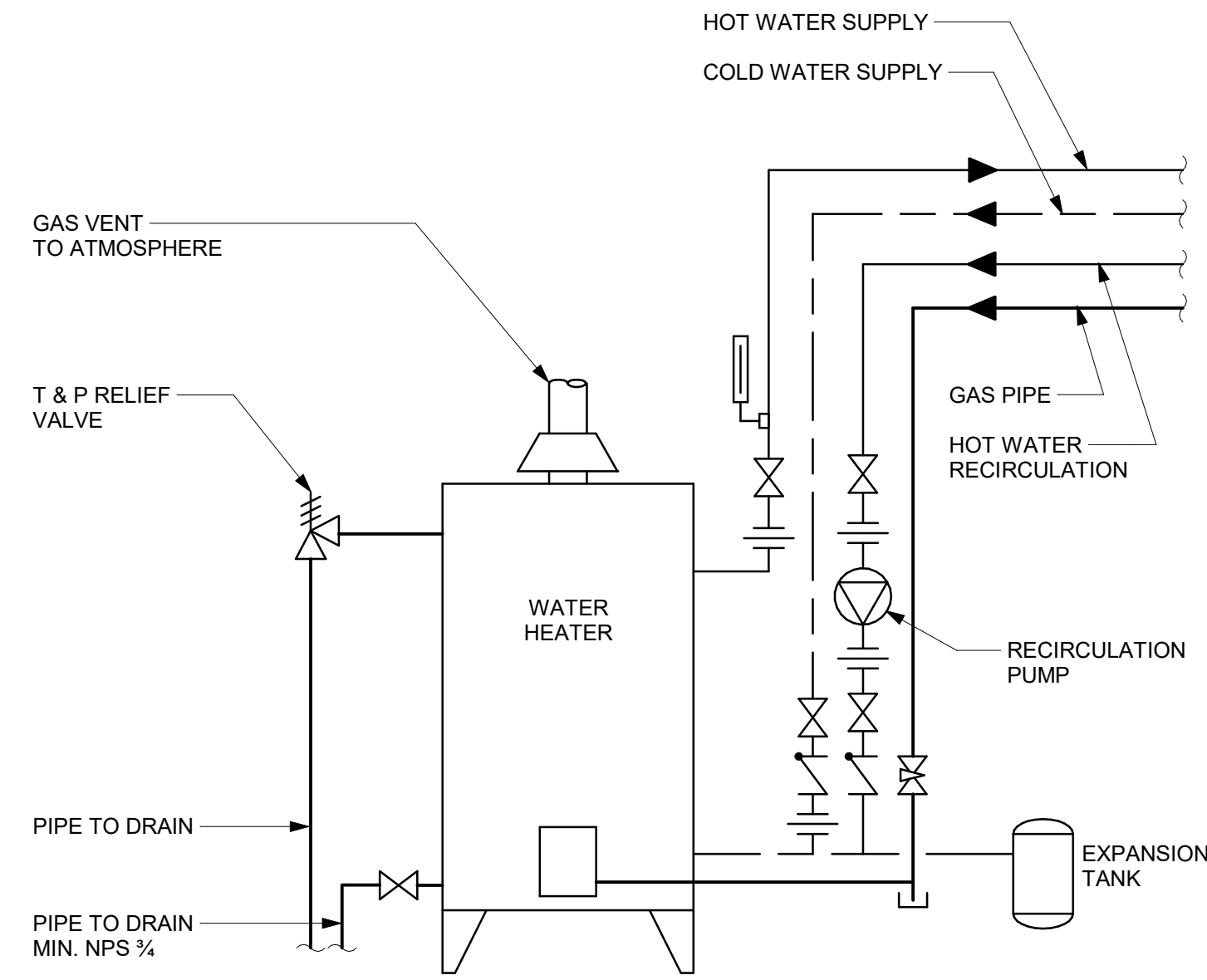
3 DOMESTIC WATER HEATER ELECTRIC WITH RECIRCULATION
Scale: N.T.S.



4 DOMESTIC WATER HEATER ELECTRIC - NO RECIRCULATION
Scale: N.T.S.



5 DOMESTIC WATER HEATER GAS FIRED - NO RECIRCULATION
Scale: N.T.S.



6 DOMESTIC WATER HEATER GAS FIRED WITH RECIRCULATION
Scale: N.T.S.

ISSUES		
No.	DESCRIPTION	DATE
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B	90% SUBMISSION	2022-02-22
C	ISSUED FOR PERMIT	2022-03-18
D	ISSUED FOR TENDER	2022-12-07
E	ISSUED FOR REVISED PERMIT	2024-06-14
F	ISSUED FOR TENDER	2025-04-11

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PROJECT NO:
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DRAWN BY:
K. DURUKAN

CHECKED BY:
B. LIAO

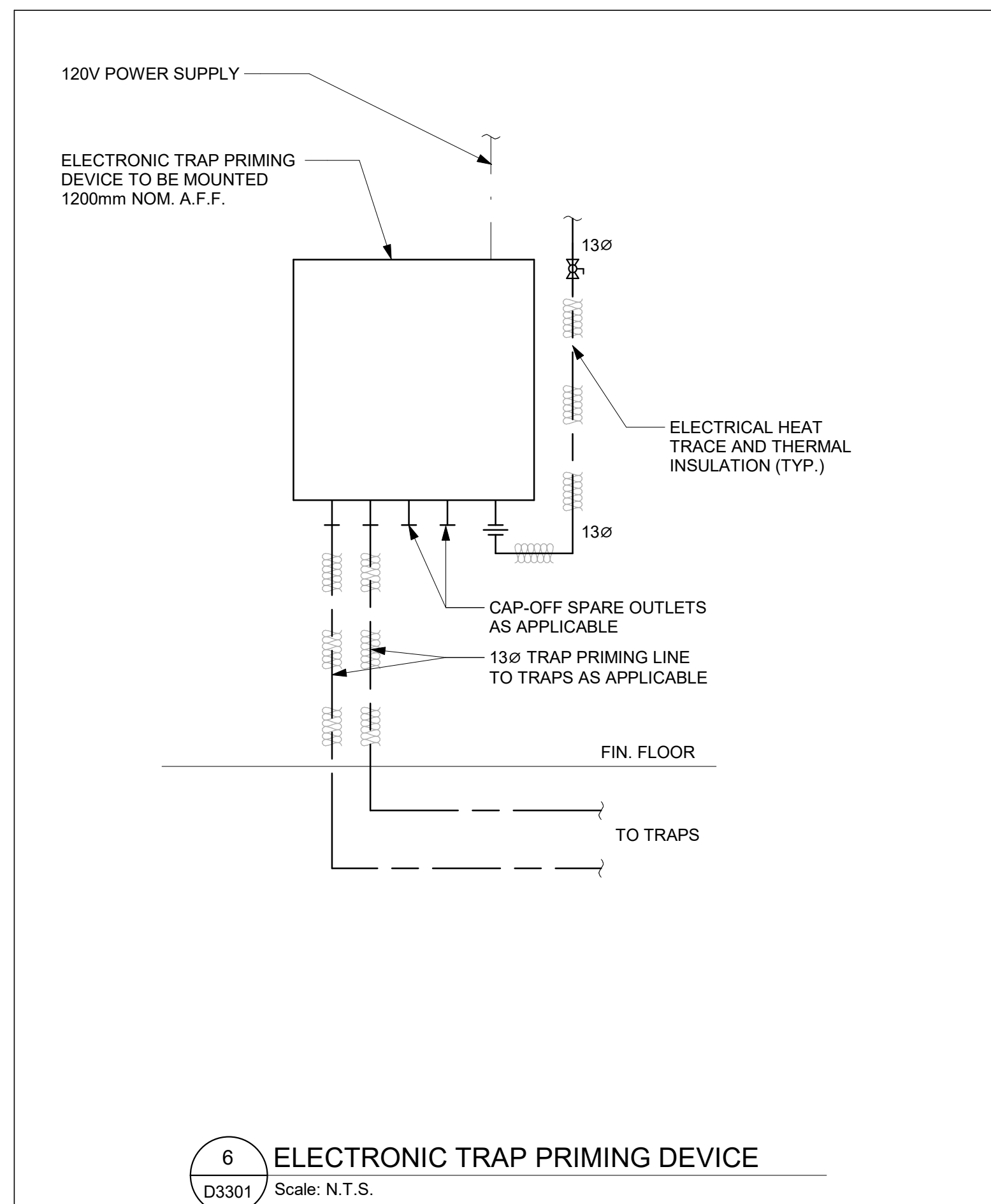
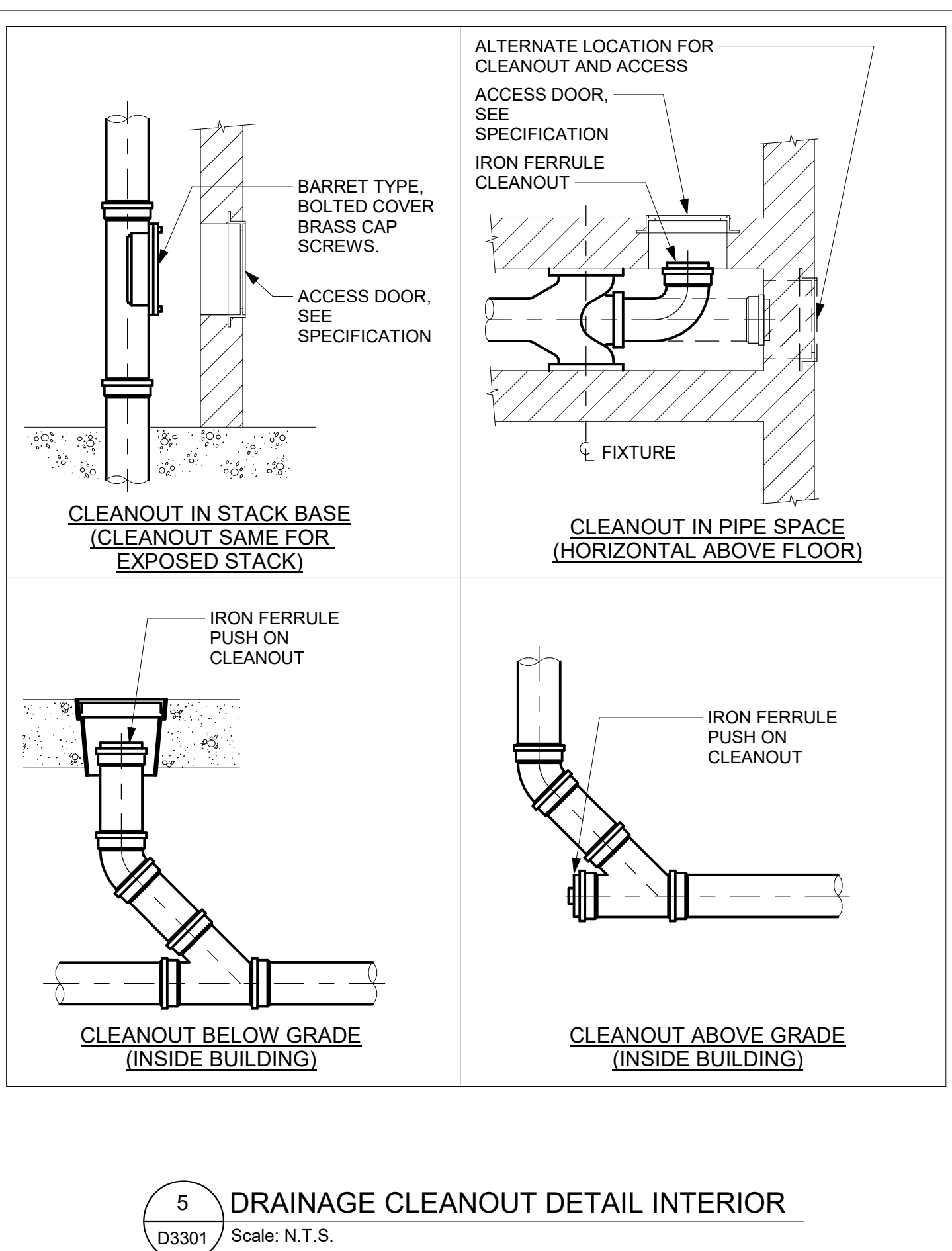
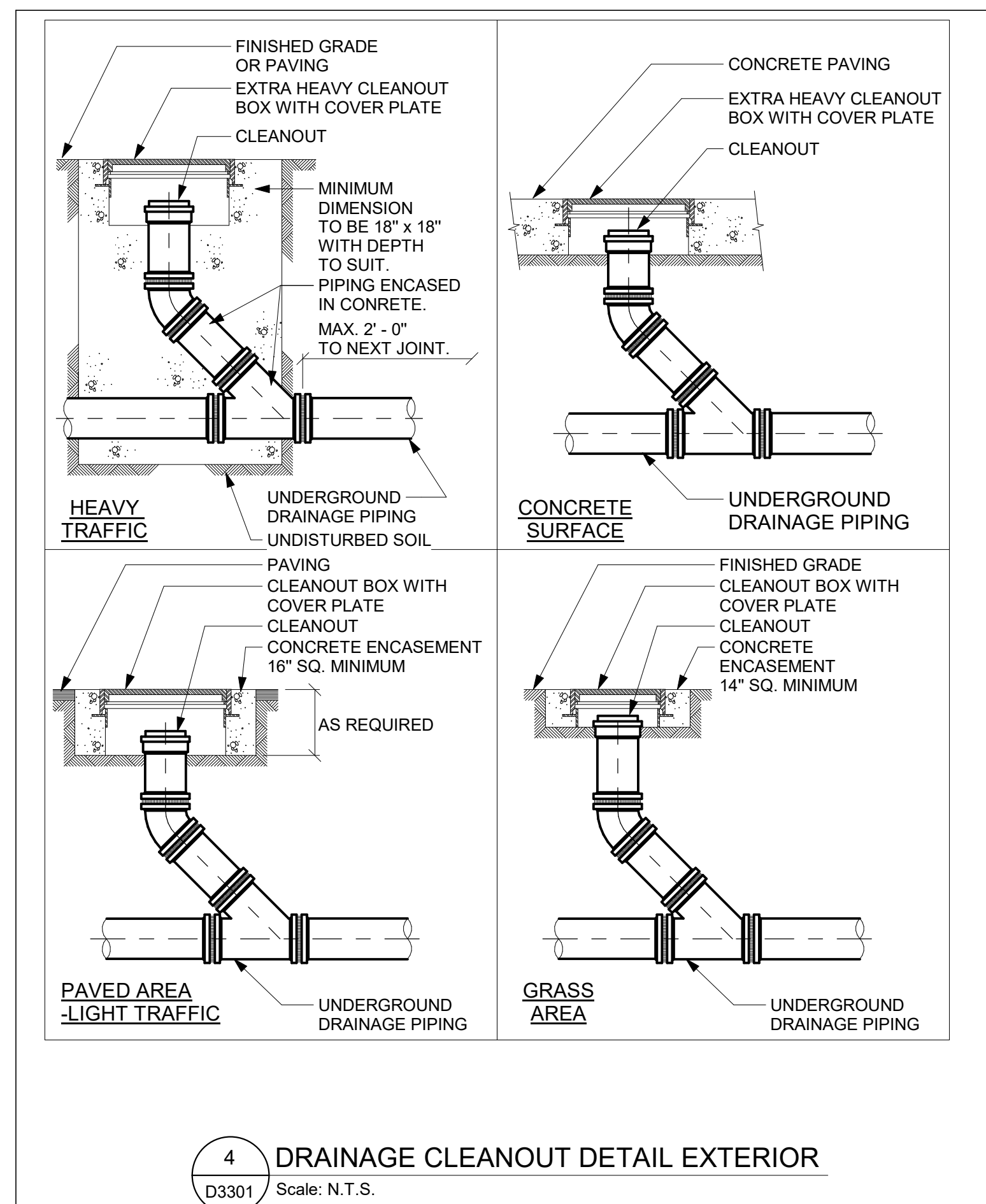
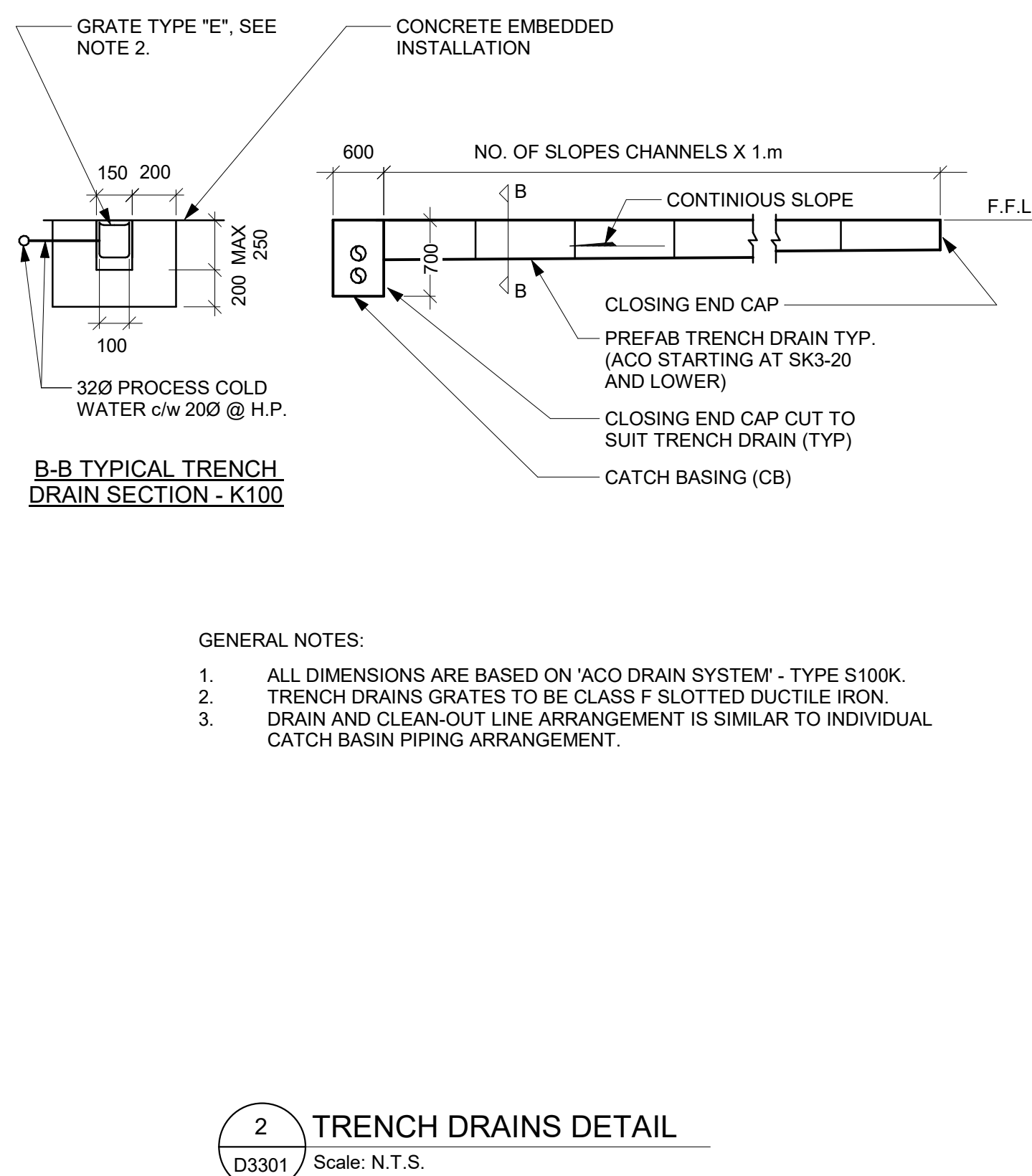
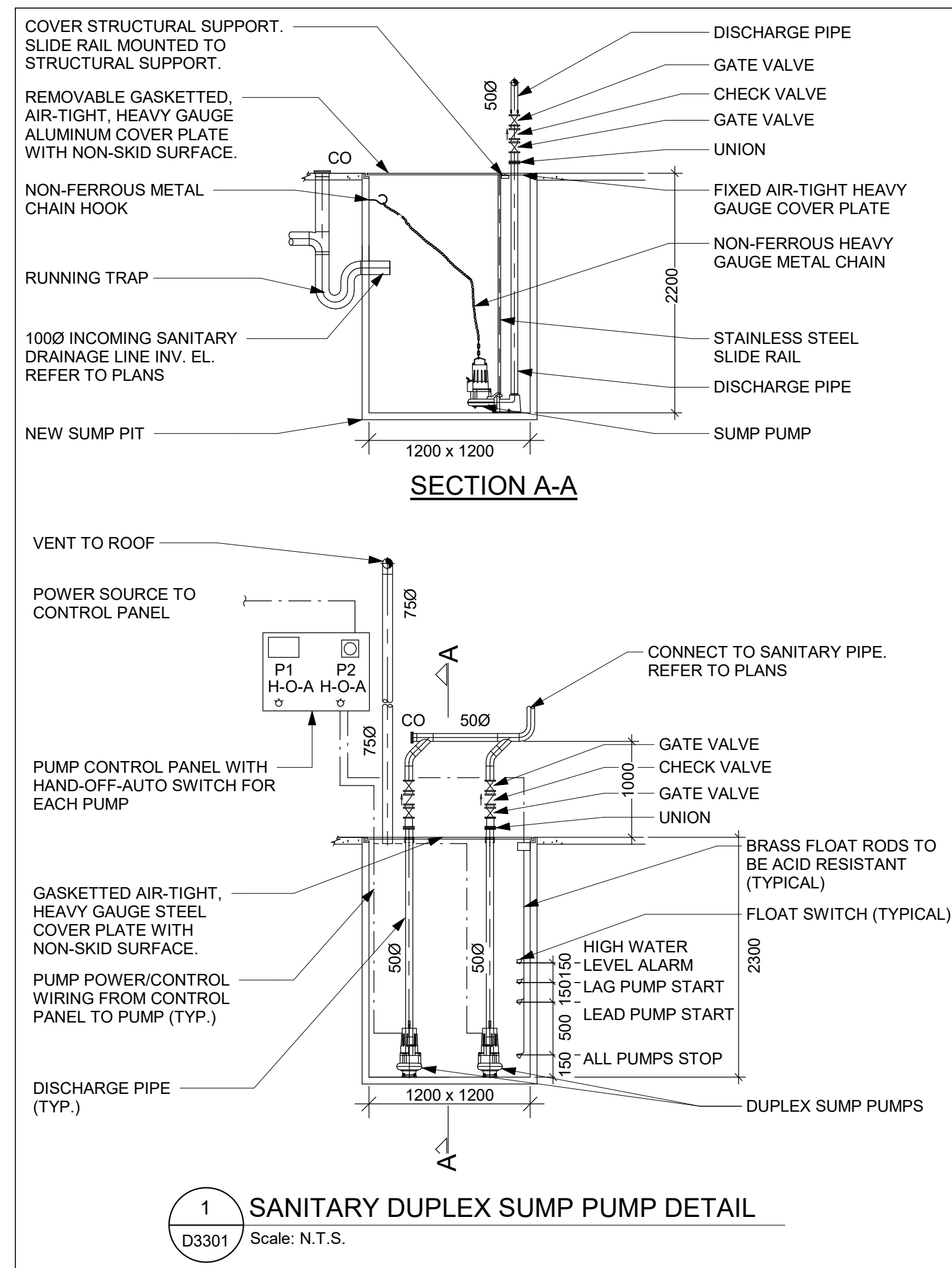
PROJECT MGR:
F. BOLOURIAN

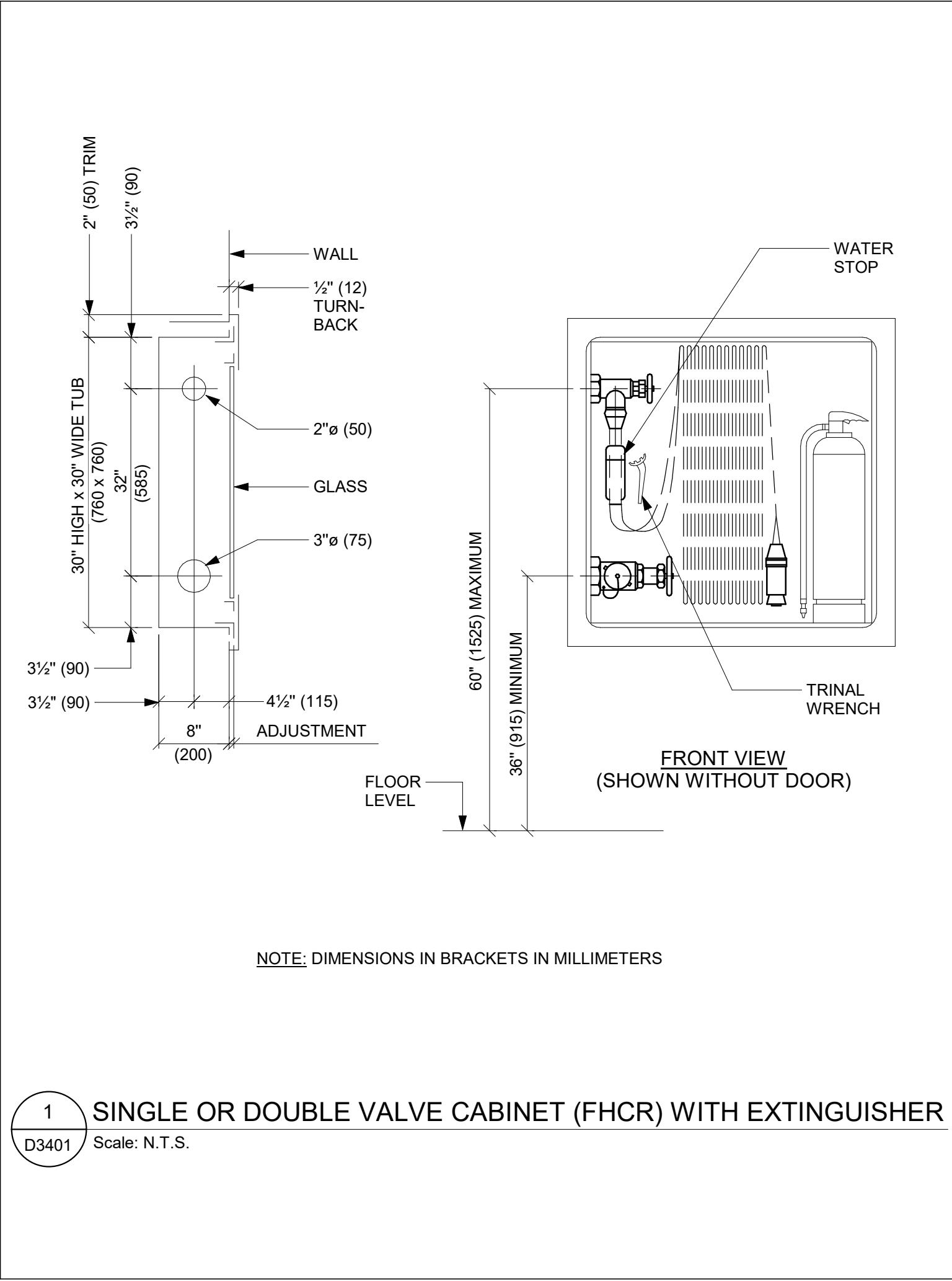
APPROVED BY:
S. LIU

SHEET TITLE
PLUMBING DETAILS

SHEET NUMBER
G03-GAL-D3201

ISSUE
F





ISSUES		
No.	DESCRIPTION	DATE
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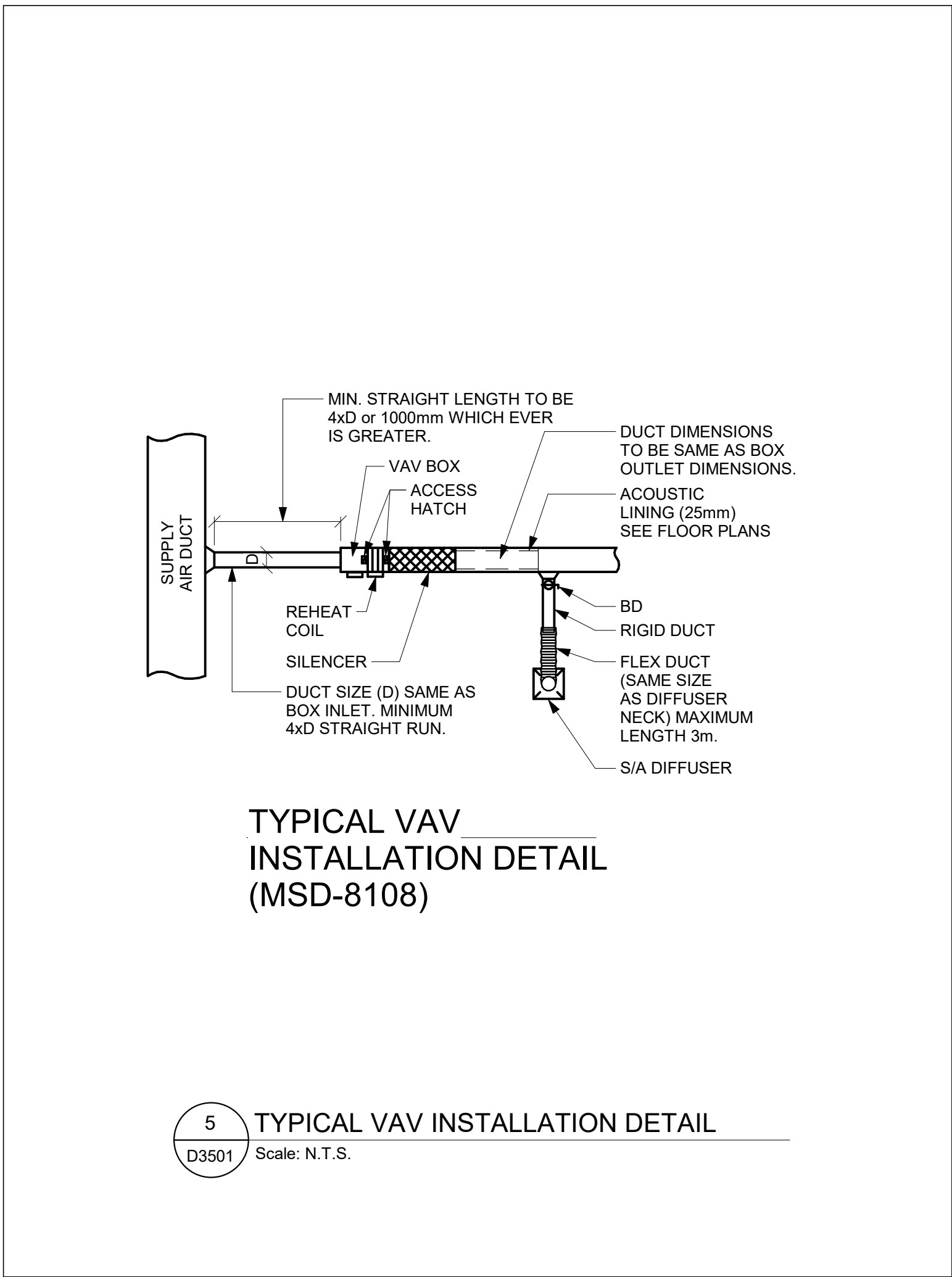
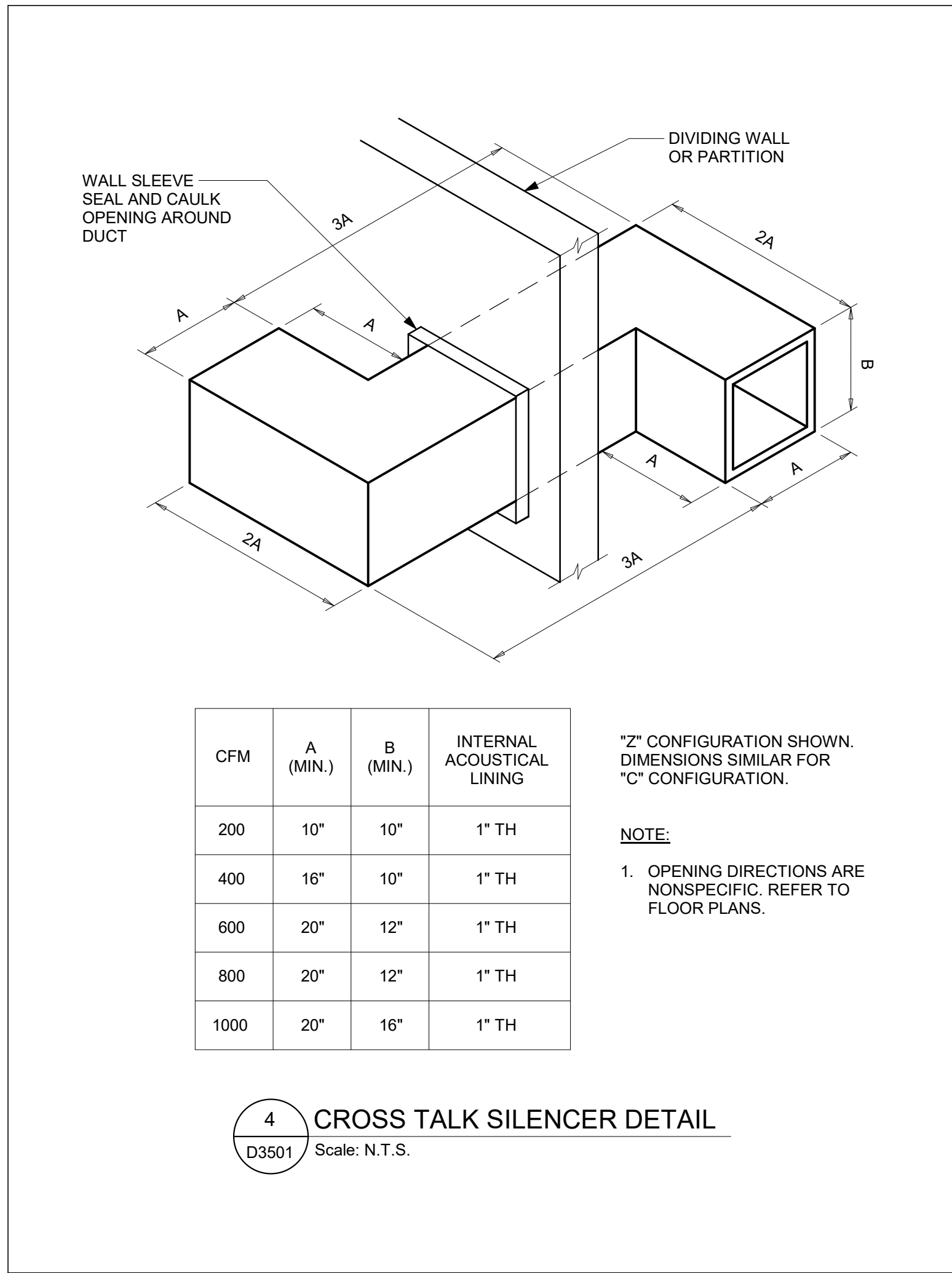
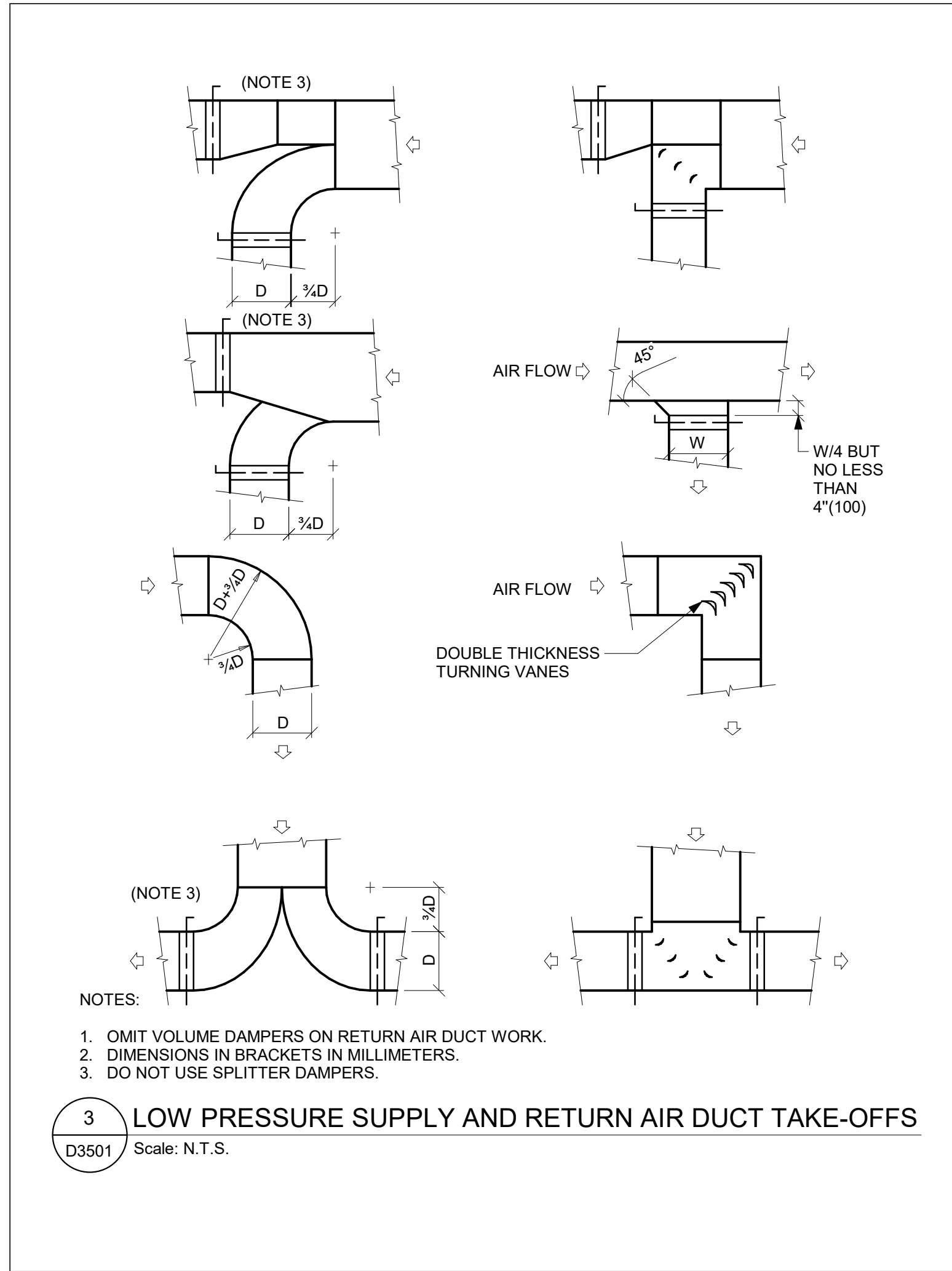
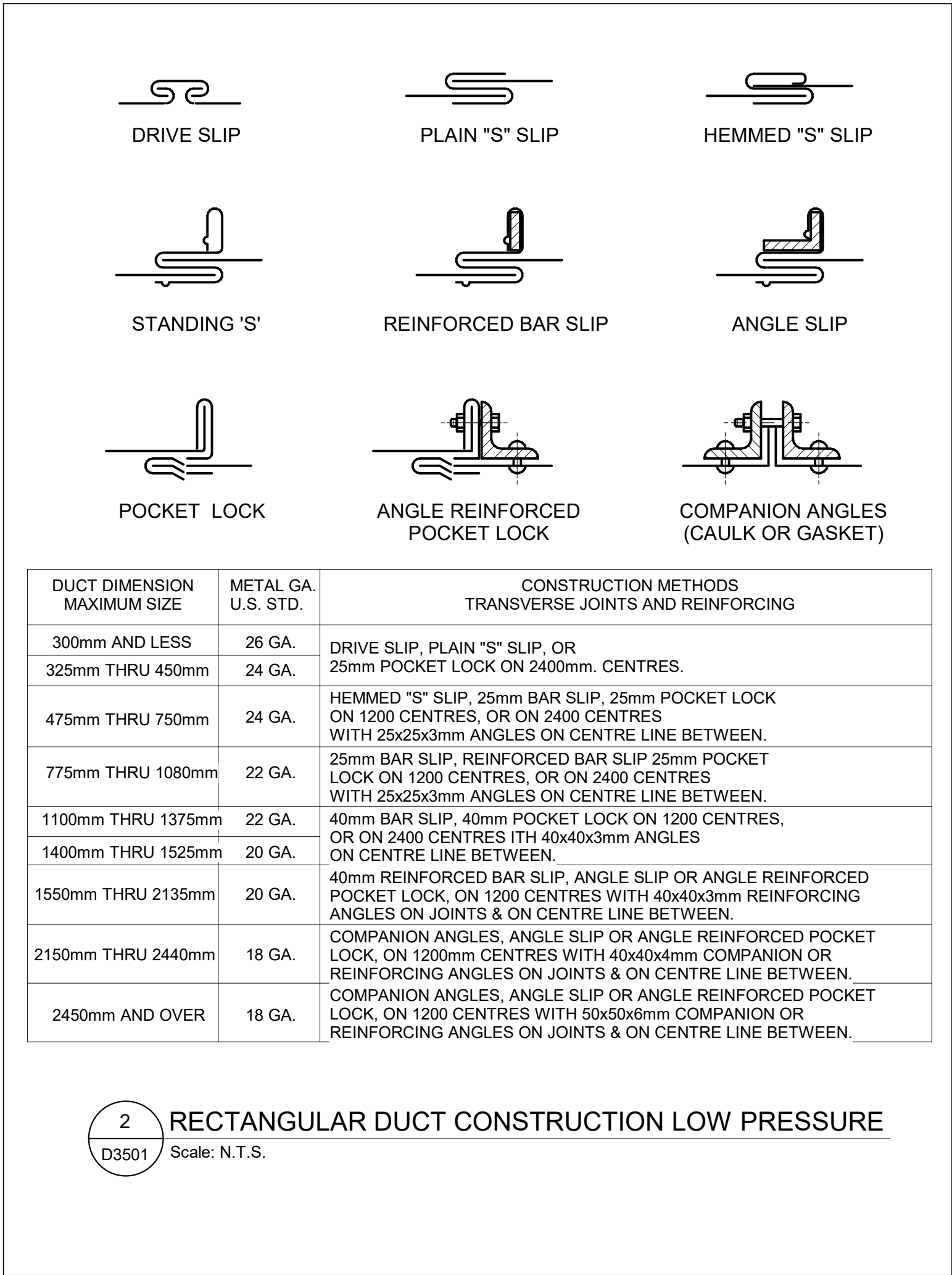
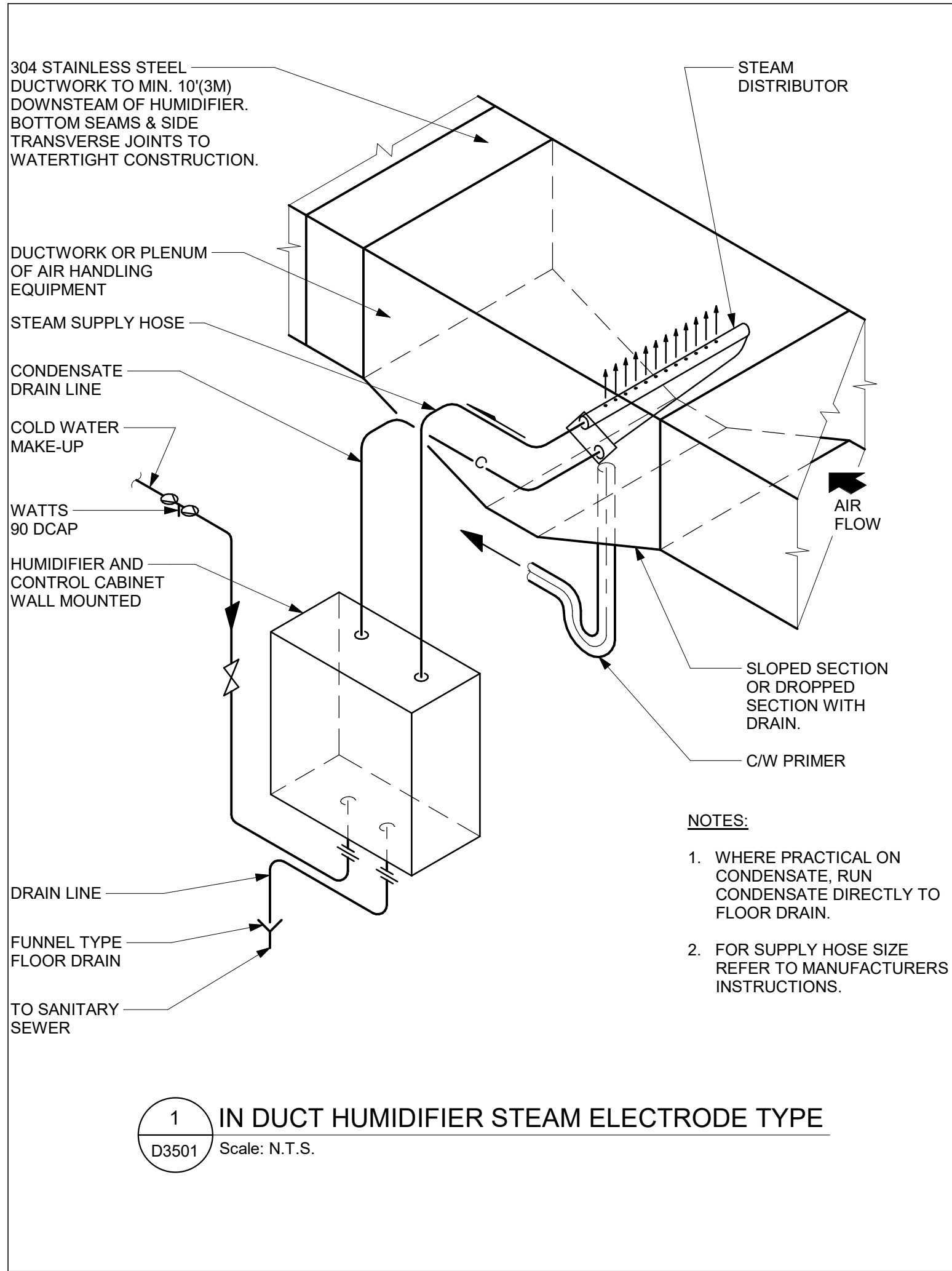
DRAWN BY: K. DURUKAN	CHECKED BY: B. LIAO
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PROJECT MGR: F. BOLOURIAN	APPROVED BY: S. LIU
------------------------------	------------------------

SHEET TITLE
FIRE PROTECTION
DETAILS

SHEET NUMBER
G03-GAL-D3401

ISSUE
F



CLIENT

CITY OF TORONTO

Corporate Real Estate Management
Project Management Office
Metro Hall Toronto, ON
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E	ISSUED FOR REVISED PERMIT	2024-06-14
F	ISSUED FOR TENDER	2025-04-11

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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

DRAWN BY:
K. DURUKAN

CHECKED BY:
B. LIAO

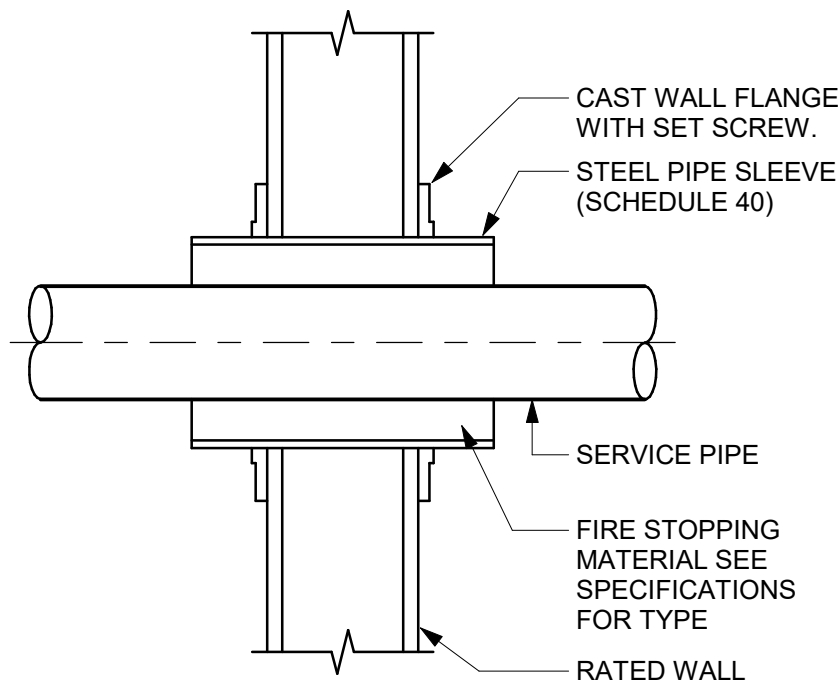
PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
S. LIU

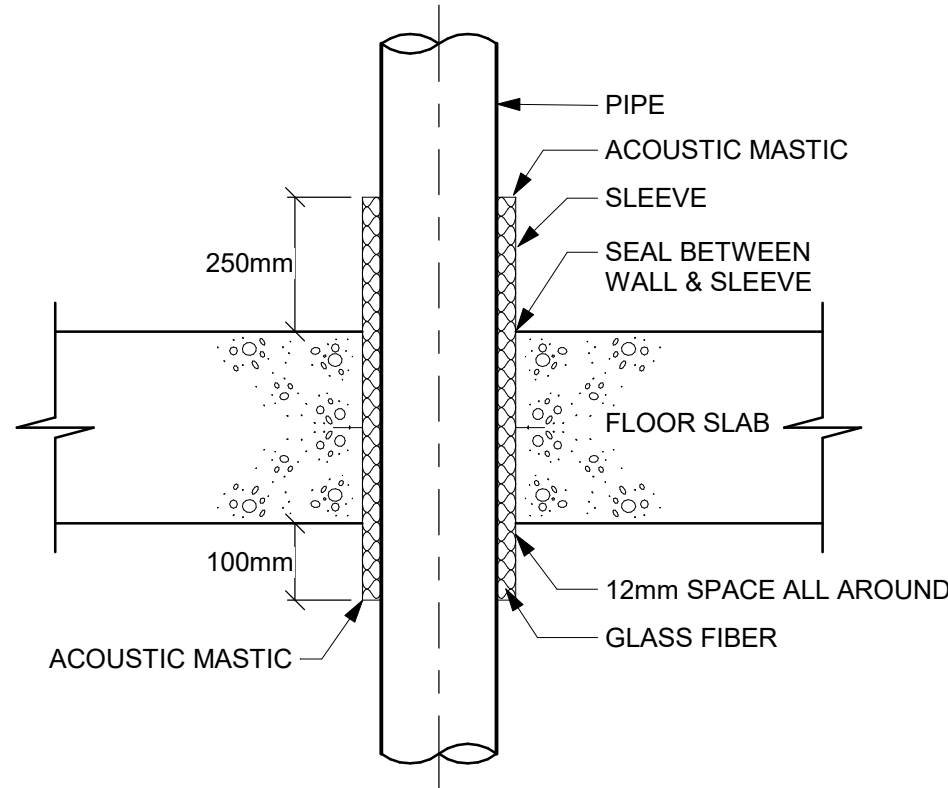
SHEET TITLE
HVAC DETAILS

SHEET NUMBER
G03-GAL-D3501

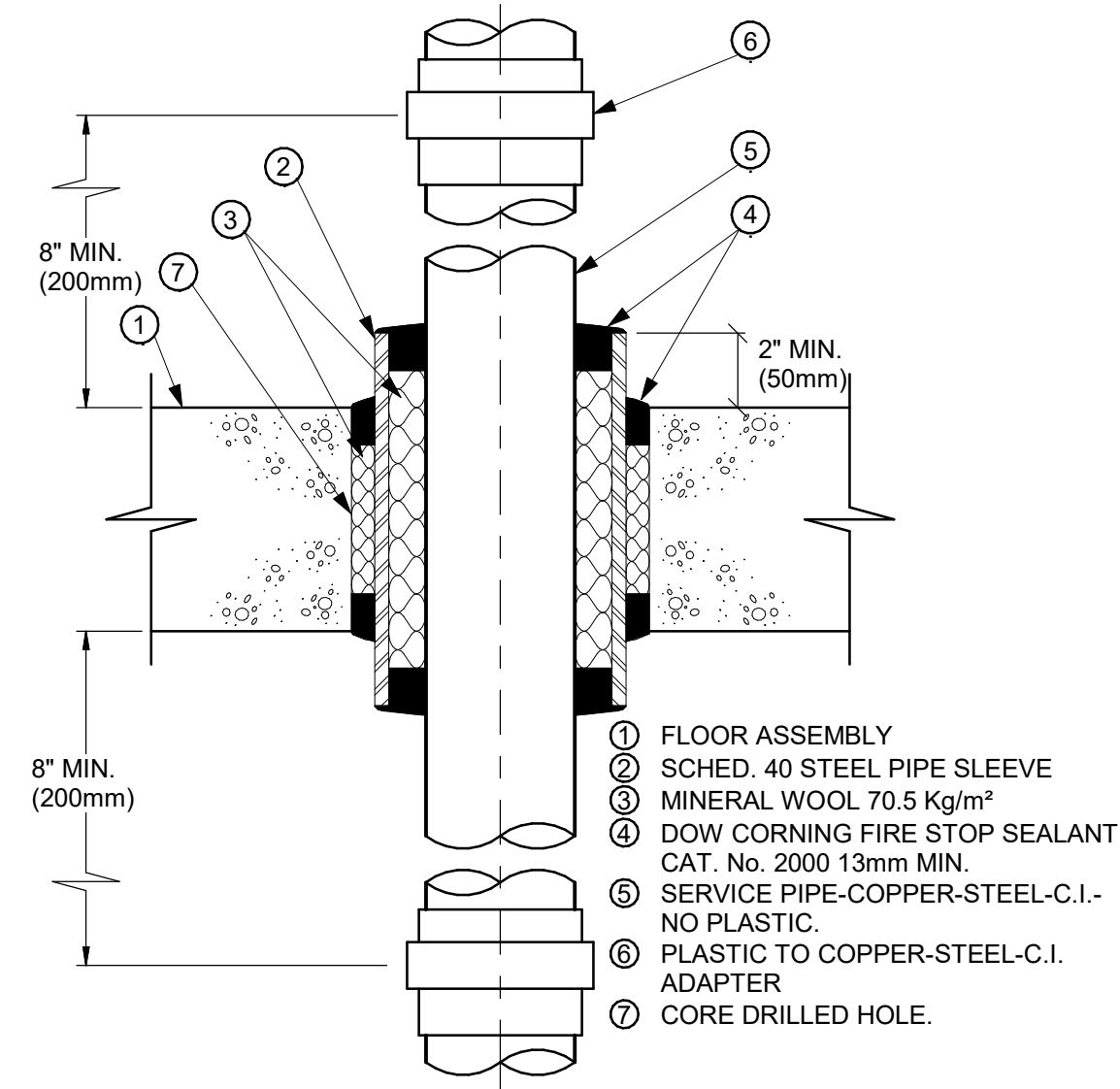
ISSUE
F



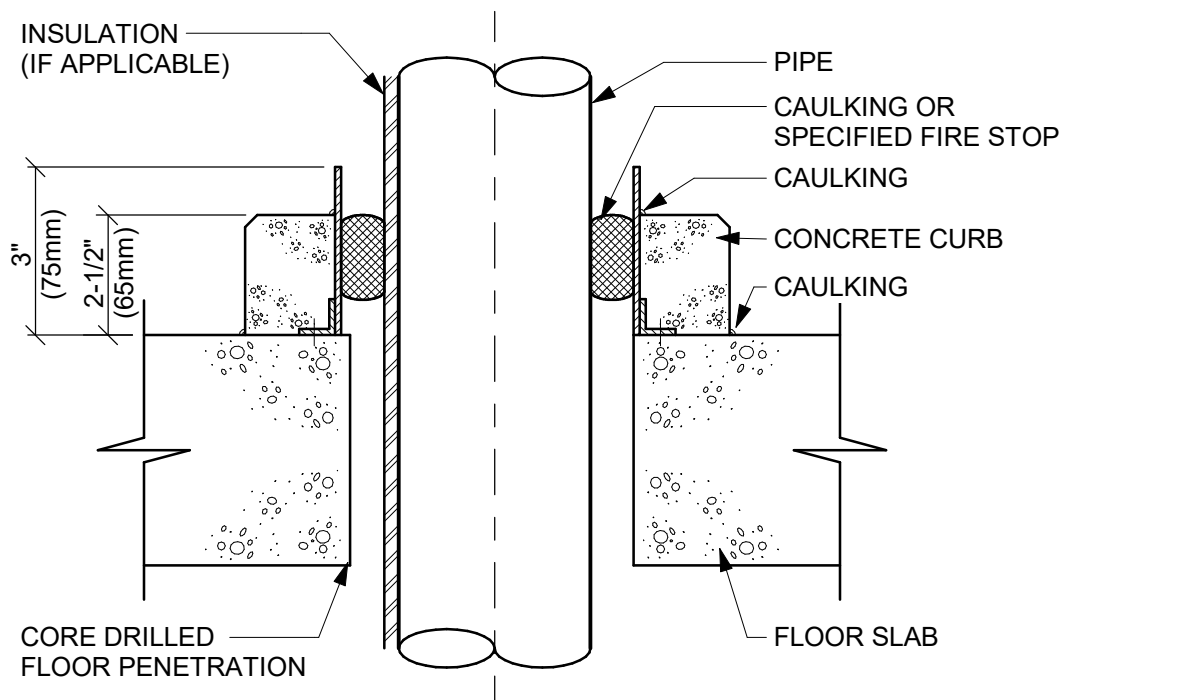
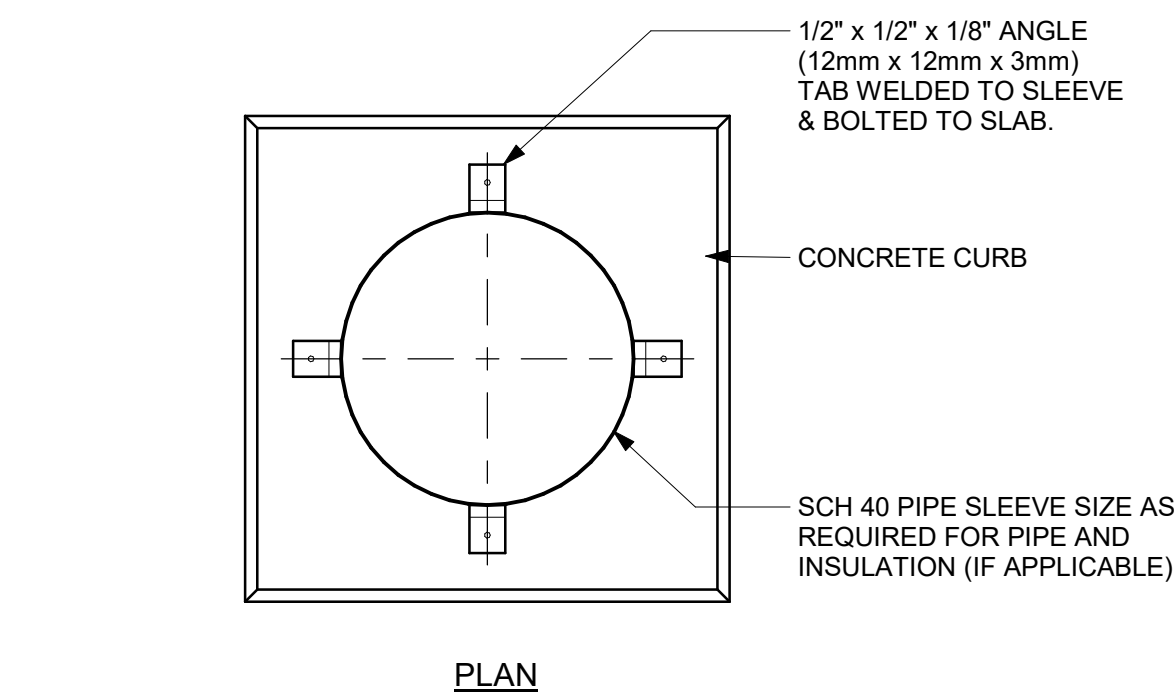
1 SLEEVE THROUGH RATED WALL
D3601 Scale: N.T.S.



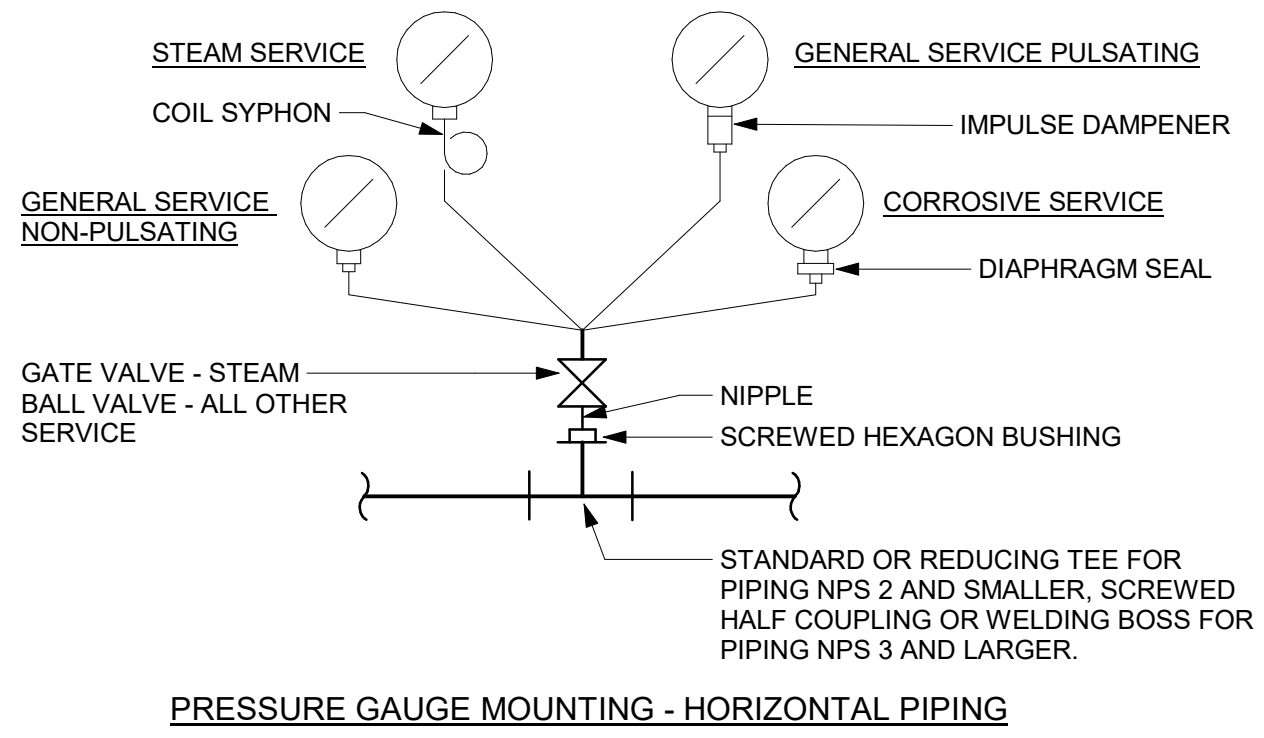
2 ACOUSTIC TREATMENT OF PIPE PENETRATION
OF MECHANICAL ROOM FLOOR SLAB
D3601 Scale: N.T.S.



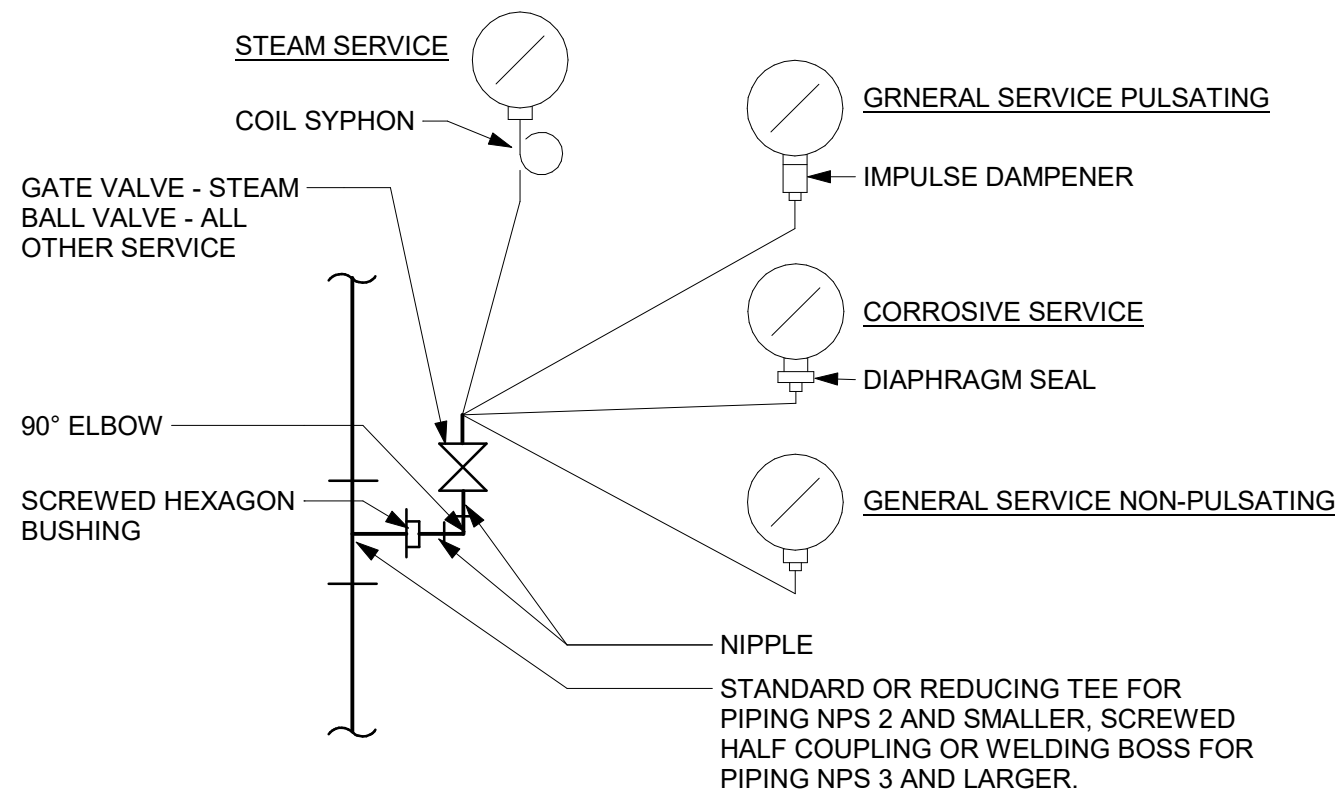
3 PIPE SLEEVE THROUGH FIRE RATED FLOOR SLAB
D3601 Scale: N.T.S.



4 PIPE SLEEVE THROUGH EXISTING FLOOR SLAB
D3601 Scale: N.T.S.

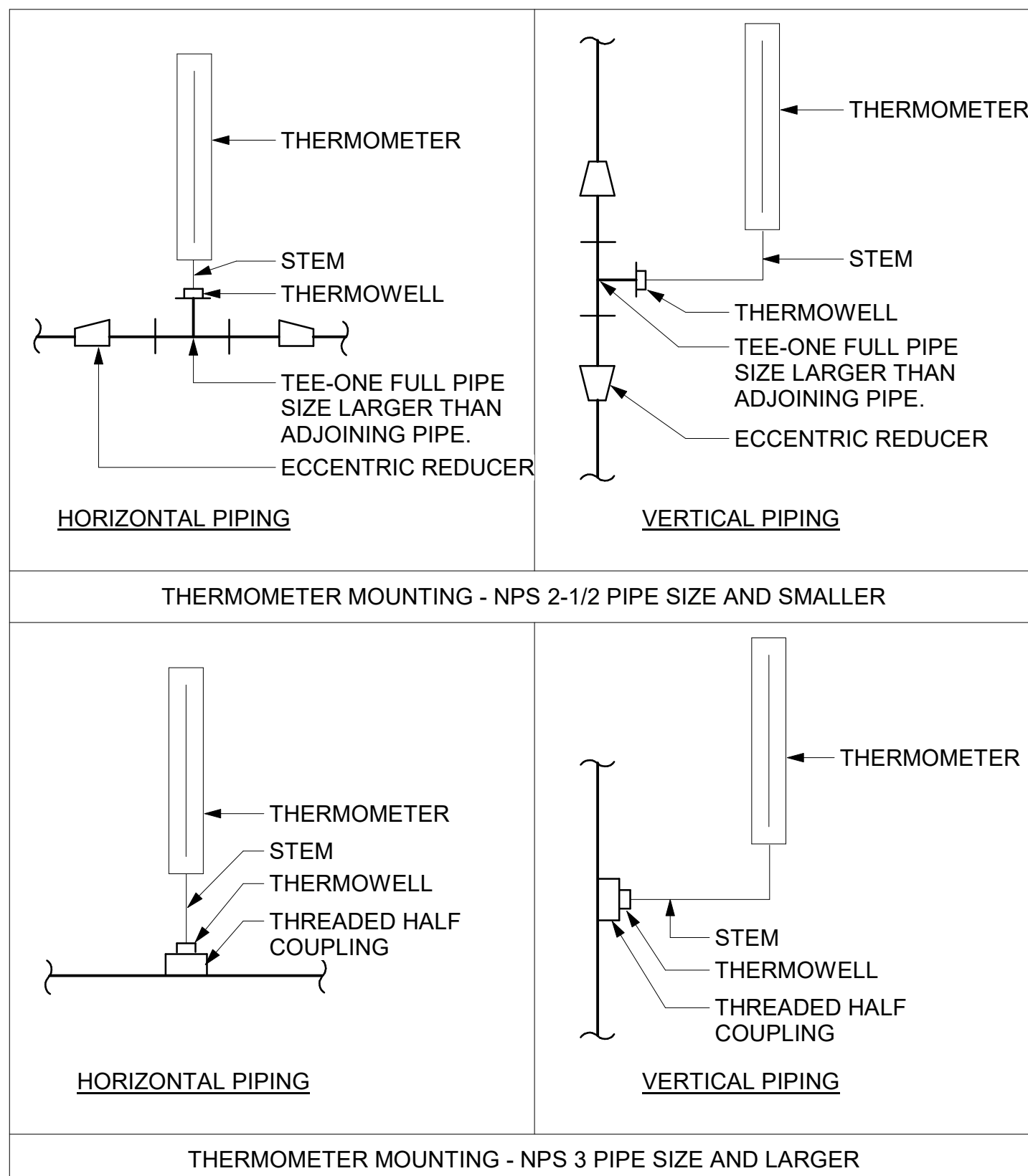


PRESSURE GAUGE MOUNTING - HORIZONTAL PIPING



PRESSURE GAUGE MOUNTING - VERTICAL PIPING

5 PRESSURE GAUGES
D3601 Scale: N.T.S.



6 TEMPERATURE GAUGES
D3601 Scale: N.T.S.

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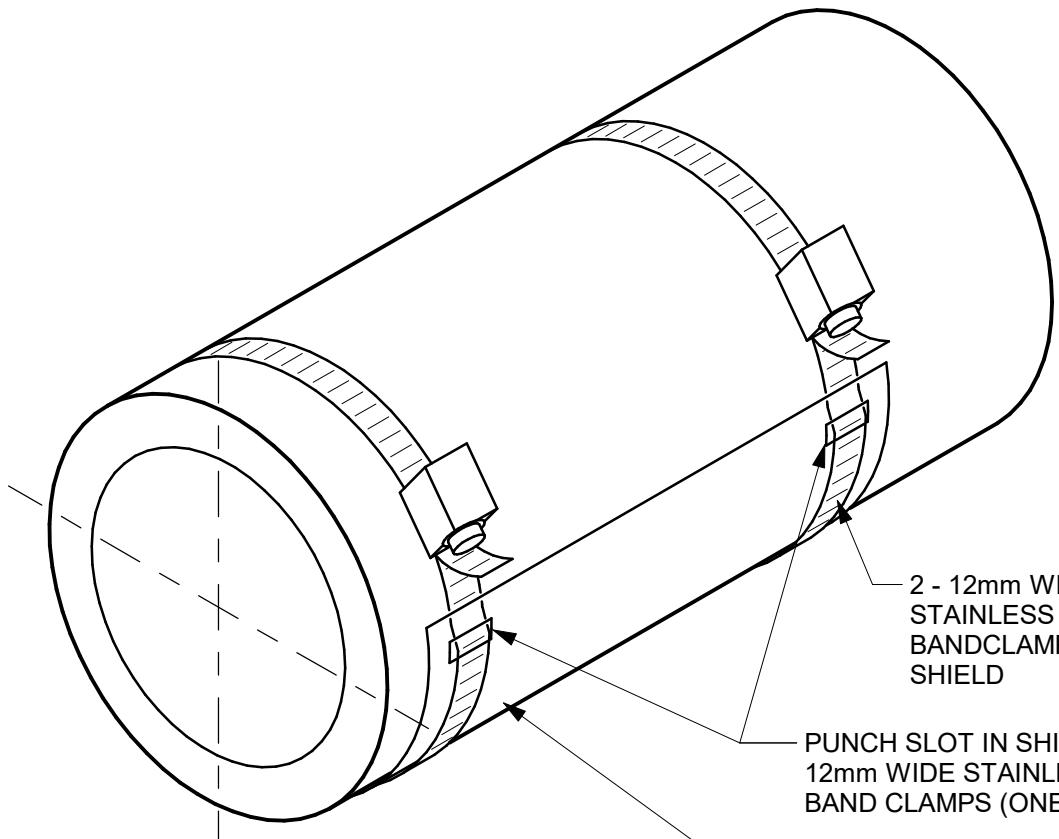
PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

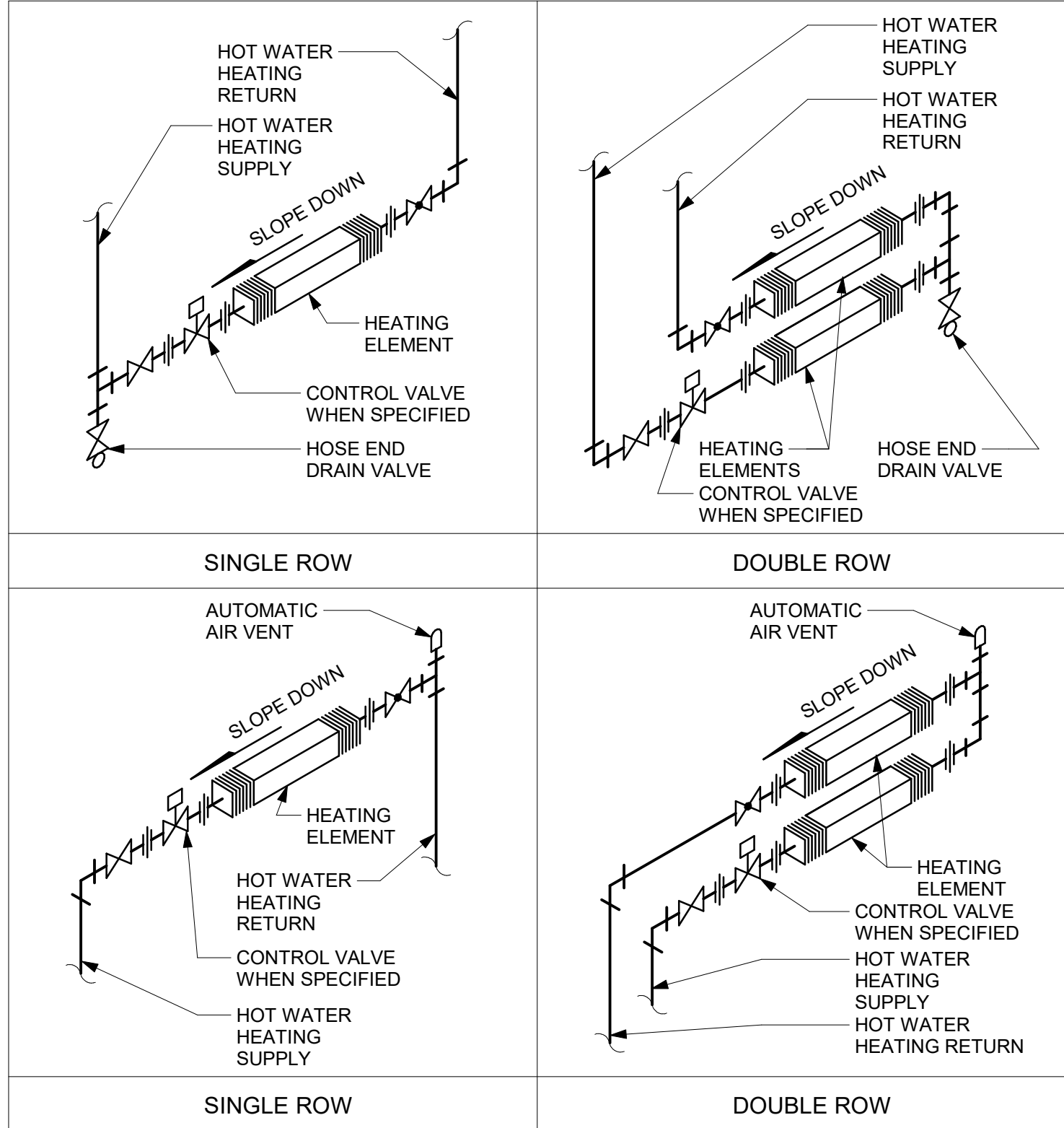
PROJECT NO:
9119- 19- 0162 / Arcadis 30279056
DRAWN BY:
K. DURUKAN
CHECKED BY:
B. LIAO
PROJECT MGR:
F. BOLOURIAN
APPROVED BY:
S. LIU

SHEET TITLE
**PIPING DETAILS
SHEET 1 OF 2**

SHEET NUMBER
G03-GAL-D3601
ISSUE
F



1 INSULATION SHIELD INSTALLATION
D3602 Scale: N.T.S.



2 WALL FINNED CONVECTORS: HOT WATER
D3602 Scale: N.T.S.

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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

DRAWN BY: N. KHOURY	CHECKED BY: G. VERNESCU
-------------------------------	-----------------------------------

PROJECT MGR: F. BOLOURIAN	APPROVED BY: S. LIU
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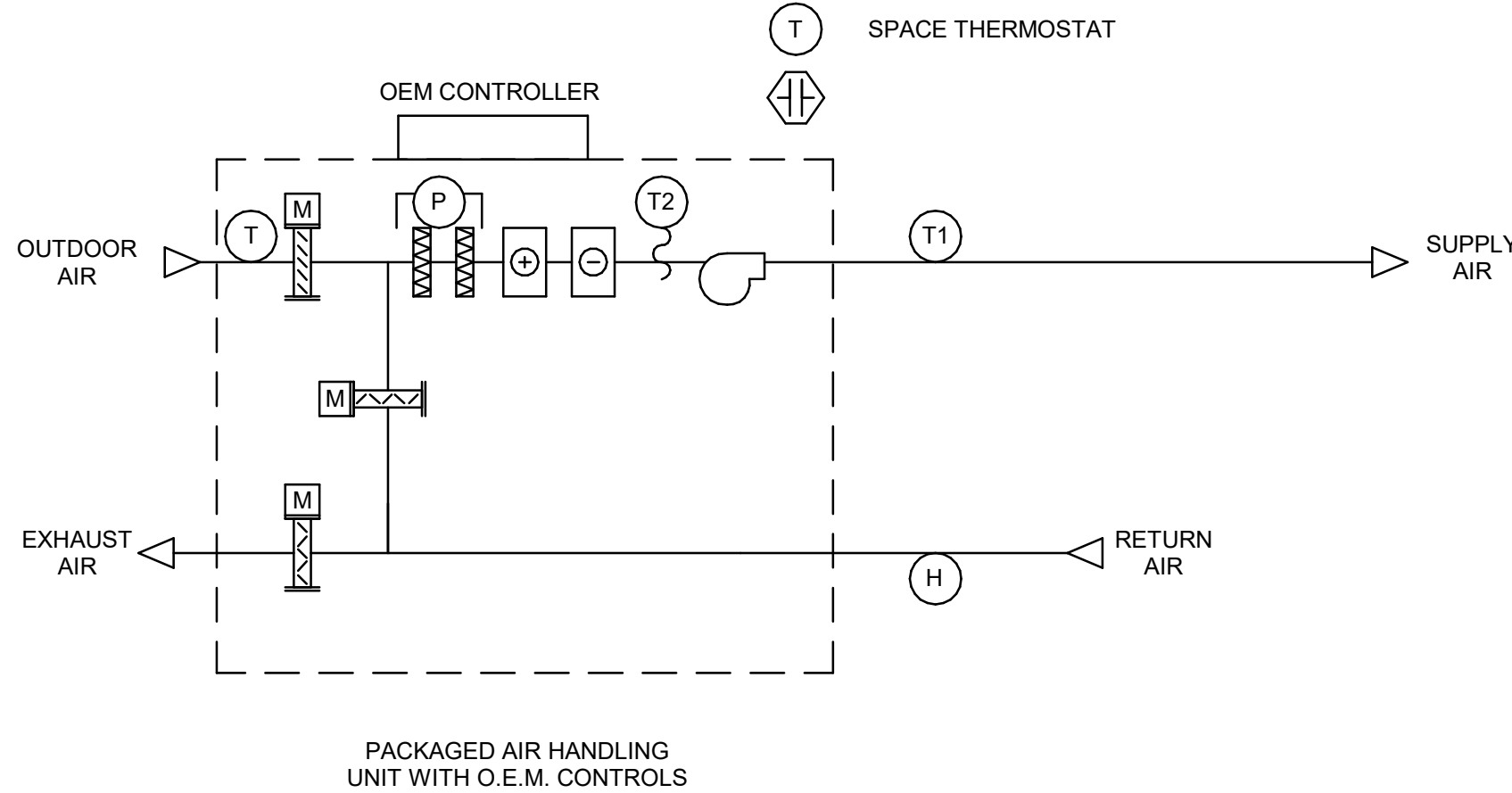
SHEET TITLE
**PIPING DETAILS
SHEET 2 OF 2**

SHEET NUMBER
G03-GAL-D3602

ISSUE
F



5 PACKAGED ROOFTOP HVAC SYSTEM CONTROL SEQUENCE - NO BAS CONTROL
D3701 Scale: N.T.S



SYSTEM START
AIR HANDLING UNIT START-UP ON TIME SCHEDULE

NORMAL OPERATION OEM CONTROL
AIR HANDLING UNIT OPERATES UNDER O.E.M. CONTROL.

TEMPERATURE CONTROL
OEM CONTROL MODULATES OUTDOOR AIR, RETURN AIR AND EXHAUST AIR DAMPERS IN AN AIR-ECONOMIZER CYCLE TO MAINTAIN SPACE AIR TEMPERATURE SETPOINT. MECHANICAL COOLING SUPPLEMENTS THE ECONOMIZER COOLING AS REQUIRED

- SPACE AIR TEMPERATURE SETPOINT: 25°C
- ECONOMIZER CUTOFF TEMPERATURE SETPOINT > 18°C

WHEN RETURN AIR RELATIVE HUMIDITY LEVEL > 55%, STOP AIR-ECONOMIZER CYCLE; START MECHANICAL COOLING.

SYSTEM STOP
OPERATOR INITIATED OR BY OPERATING SCHEDULE.

ON COMMAND OR SCHEDULE STOP ESS, SUPPLY AND RETURN FANS STOP, OUTDOOR AIR AND EXHAUST DAMPERS CLOSE, AND RECIRCULATION DAMPER OPENS.

SCHEDULE
TO BE DETERMINED DURING SYSTEM COMMISSIONING

FIRE ALARM
N/A

ALARMS
ALARM ON OEM CONTROLLER:

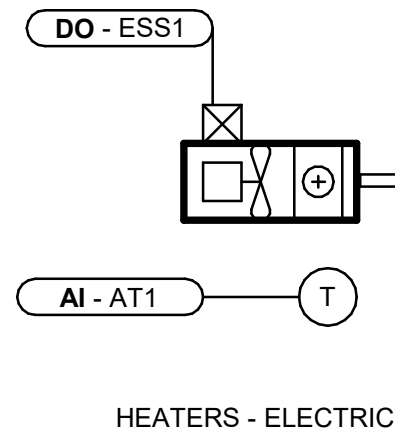
- HIGH FILTER PRESSURE DROP > 2 IN. W.C.
- AIR HANDLING UNIT GENERAL FAULT
- HIGH BUILDING RELATIVE HUMIDITY > 60% RH
- HIGH SPACE AIR TEMPERATURE > 25C
- LOW SPACE AIR TEMPERATURE < 10C

MONITOR
N/A

TREND LOGS
N/A

EMERGENCY POWER
NO

3 ELECTRIC HEATER CONTROL SEQUENCE - WITH BMS
D3701 Scale: N.T.S



SYSTEM START
B.M.S. ENABLES UNIT HEATER WHEN OUTDOOR AIR TEMPERATURE IS < 10°C

NORMAL OPERATION
SPACE TEMPERATURE SENSOR CYCLES UNIT HEATER ON/OFF TO MAINTAIN SPACE TEMPERATURE SETPOINT [20°C]

SYSTEM STOP
CONTINUOUS OPERATION

SCHEDULE
CONTINUOUS OPERATION

FIRE ALARM
N/A

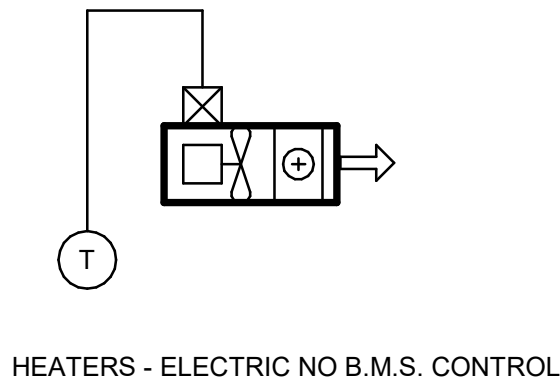
ALARMS
LOW SPACE TEMPERATURE (<10C)

MONITOR
SPACE TEMPERATURE

TREND LOGS
N/A

EMERGENCY POWER
NO

4 ELECTRIC HEATER CONTROL SEQUENCE - NO BMS
D3701 Scale: N.T.S



SYSTEM START
OPERATOR MANUALLY ENERGIZES THE UNIT HEATER LOCALLY. NO B.M.S. CONTROL

NORMAL OPERATION
HARD-WIRED SPACE TEMPERATURE SWITCH CYCLES UNIT HEATER ON/OFF TO MAINTAIN SPACE TEMPERATURE SETPOINT [20°C]

SYSTEM STOP
CONTINUOUS OPERATION

SCHEDULE
CONTINUOUS OPERATION

FIRE ALARM
N/A

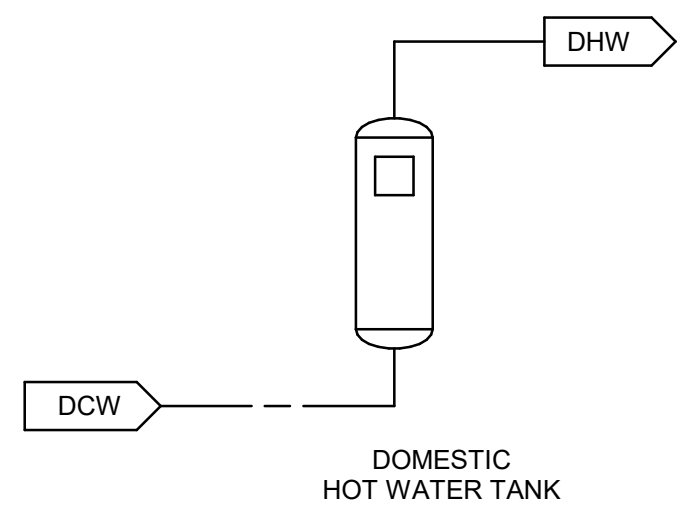
ALARMS
N/A

MONITOR
N/A

TREND LOGS
N/A

EMERGENCY POWER
NO

1 HOT WATER TANK CONTROL SEQUENCE - NO BMS CONTROL
D3701 Scale: N.T.S



SYSTEM START
SYSTEM ENABLED ON OPERATOR COMMAND

NORMAL OPERATION
WATER HEATER OPERATE UNDER OEM CONTROL TO MAINTAIN WATER LEAVING TEMPERATURE AT 60°C

SYSTEM STOP
SYSTEM DISABLED ON OPERATOR COMMAND

SCHEDULE
OPERATOR DEFINED

DEFAULT = CONTINUOUS OPERATION

FIRE ALARM
N/A

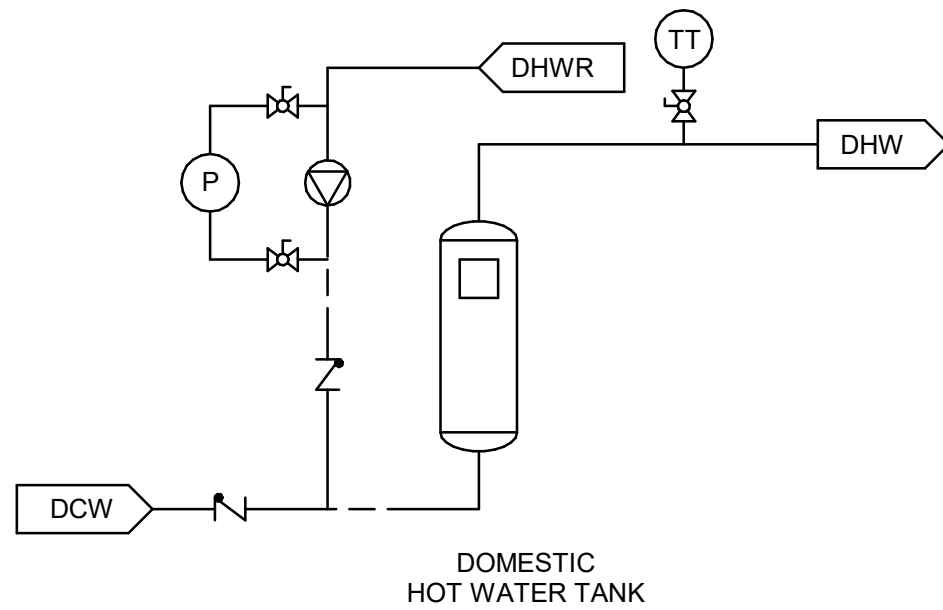
ALARMS
N/A

MONITOR
N/A

TREND LOGS
N/A

EMERGENCY POWER
NO

2 HOT WATER TANK (WITH RECIRCULATION PUMP) CONTROL SEQUENCE - NO BMS CONTROL
D3701 Scale: N.T.S



SYSTEM START
RECIRCULATION PUMP STARTS. ENABLE HOT WATER TANK

NORMAL OPERATION
WATER HEATER OPERATE UNDER OEM CONTROL TO MAINTAIN WATER LEAVING TEMPERATURE AT 60°C

RECIRCULATION PUMP OPERATES WHEN REMOTE RECIRCULATION WATER TEMPERATURE IS 50°C (ADJUSTABLE) BELOW HOT WATER SUPPLY SET POINT

SYSTEM STOP
RECIRCULATION PUMP STOPS ONLY ON OPERATOR COMMAND

SCHEDULE
OPERATOR DEFINED

DEFAULT = CONTINUOUS OPERATION

FIRE ALARM
N/A

ALARMS
N/A

MONITOR
N/A

TREND LOGS
N/A

EMERGENCY POWER
NO

ISSUES		
No.	DESCRIPTION	DATE
A	50% SUBMISSION	2021-11-19
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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

DRAWN BY:
N. KHOURY

CHECKED BY:
G. VERNESCU

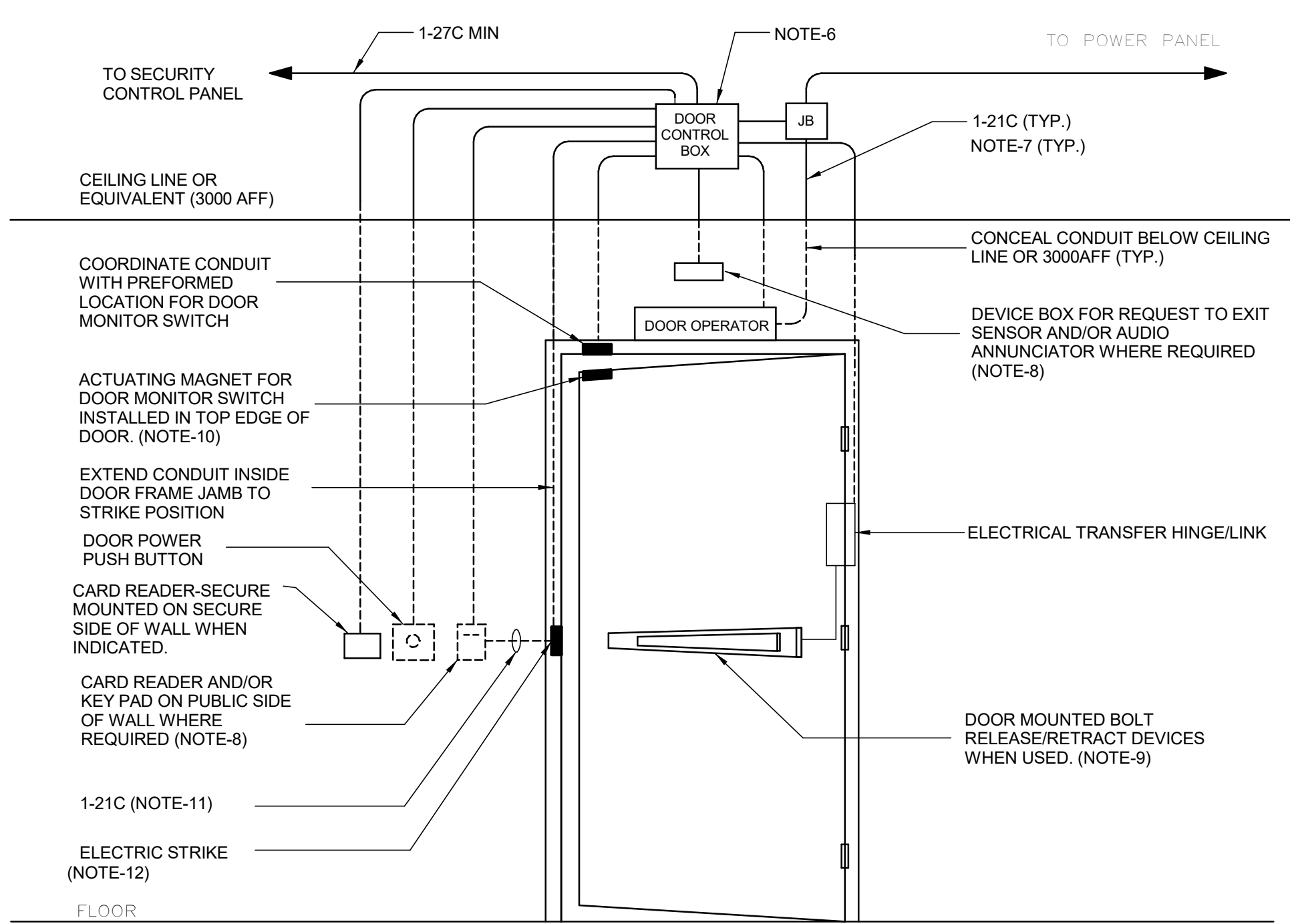
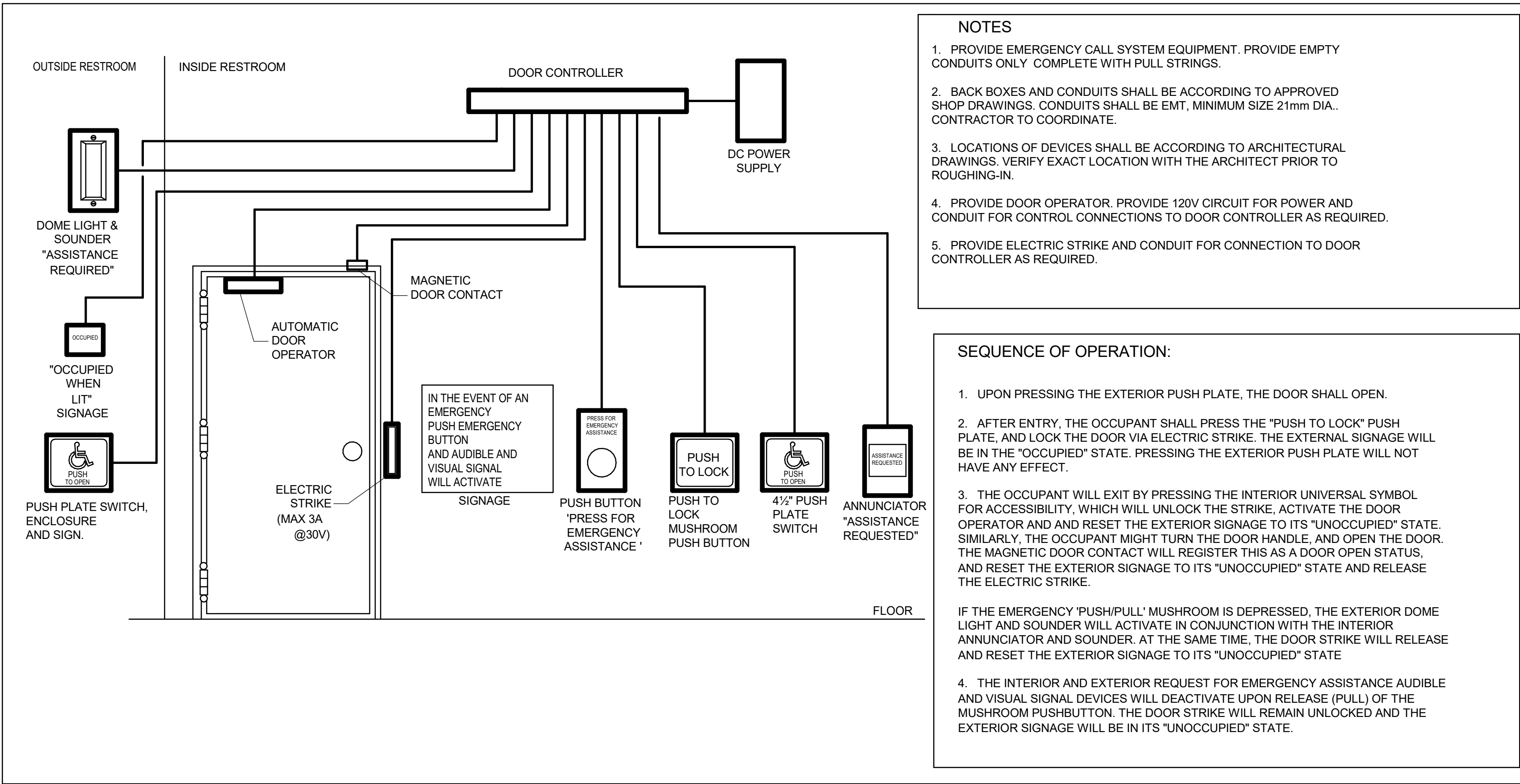
PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
S. LIU

SHEET TITLE
CONTROL DETAILS

SHEET NUMBER
G03-GAL-D3701

ISSUE
E



1 UNIVERSAL WASHROOM DETAIL
D4001 Scale: NTS

2 SECURITY SINGLE DOOR DETAIL - POWER OPERATED
D4001 Scale: 1 : 1

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A	50% SUBMISSION	2022-04-27
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PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

DRAWN BY: V. MAC	CHECKED BY: M. BOJIC
PROJECT MGR: N. FRISCH	APPROVED BY: P. WILLIAMS

SHEET TITLE
ELECTRICAL DETAILS 1

SHEET NUMBER D4001	ISSUE D
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2025-05-07 11:03:06 AM

Autodesk Docs//122260 - Cot TAU Upgrades R2024/122260-TAU-G03-Details-R20.rvt 1/1m

MOUNTING HEIGHTS SCHEDULE	
MOUNTING HEIGHTS TO TOP OF DEVICE.	
ALL DIMENSIONS ARE ABOVE FINISHED FLOOR (AFF) UNLESS NOTED OTHERWISE.	
LIGHT SWITCH	1050mm
RECEPTACLE - FINISHED AREAS	460mm
RECEPTACLE - UNFINISHED AREAS	1050mm
RECEPTACLE - ABOVE COUNTER	300mm
DATA OUTLET - FINISHED AREA	460mm
DATA OUTLET - UNFINISHED AREA	1050mm
FIRE ALARM MANUAL PULL STATION	1200mm
FIRE ALARM HORN/STROBE	2460mm
FIRE ALARM STROBE	2460mm
FIRE ALARM END OF LINE DEVICE	1500mm
FIRE ALARM HEAT DETECTOR	CEILING
FIRE ALARM SMOKE DETECTOR	CEILING
FIRE ALARM REMOTE ANNUNCIATOR	2000mm
PANEL	2000mm
CONTROL PANEL	2000mm
MOTOR STARTER	1800mm
DISCONNECT SWITCH	1800mm
PUSH BUTTON STATION	1050mm
DOOR ACCESS CONTROL CARD READER	1050mm
VIDEO INTERCOM	AS PER MANUF. INSTRUCTION
DOOR BY-PASS KEYED SWITCH	1050mm
BATTERY OPERATED EMERGENCY LIGHT	2700mm
EMERGENCY LIGHT BATTERY UNIT	2700mm
THERMOSTAT	1200mm
MOUNTING HEIGHTS AS APPLICABLE	

1. PROVIDE 1-#6 GND WIRE FOR ALL UNDERGROUND EMPTY CONDUITS AND COMMUNICATIONS CONDUITS WITHOUT METAL WIRING/CABLES TO FACILITATE FUTURE INSTALLATION.
2. NO SPLICES ARE ALLOWED FOR COMMUNICATION CABLES.
3. NO SPLICES ARE ALLOWED BELOW GRADE FOR POWER WIRE AND CABLE.
4. THERE MUST BE A BREAK IN ALL UNDERGROUND CONDUITS OUTSIDE THE BUILDING/TOWERS/ELECTRICAL/COMMUNICATIONS/BOILER ROOM TO ALLOW DRAINAGE OF RACEWAY BEFORE ENTERING THE ROOMS.
5. PROVIDE LAYOUT (WITH DIMENSIONS) OF ALL UNDERGROUND PULL POINTS INCLUDING HAND HOLES, MAN HOLES AND CONCRETE PULL BOXES TO THE CONSULTANT FOR APPROVAL PRIOR TO INSTALLATION.
6. INSTALL HAND HOLES AWAY FROM MAJOR TRAFFIC AREAS (TYPICAL).
7. PROVIDE HEAT TRACING PROTECTION FOR WATER PIPES, STORM PIPES AND SANITARY PIPES AS SHOWN ON ELECTRICAL DRAWINGS. REFER TO MECHANICAL DRAWINGS FOR PIPING LAYOUT. HEAT TRACING SHALL BE RAYCHEM MODEL 48XL-TRACE, 208V, 1PH, SELF REGULATING TRACING CABLE OR APPROVED EQUIVALENT, C/W POWER SUPPLY MODULE, THERMOSTAT AND ALL ACCESSORIES FOR A COMPLETE AND FUNCTIONING SYSTEM. STARTUP TEMPERATURE -29°C (-20°F).
8. WHERE CONDUITS ARE INSTALLED ACROSS EXPANSION JOINTS, PROVIDE CONDUITS WITH EXPANSION/CONTRACTION FITTINGS.
9. ELEVATOR FIRE ALARM AUTOMATIC RECALL:
ELEVATOR LOBBY MOUNTED FIRE DETECTORS AND SECURITY PANEL TO RECALL ELEVATORS TO DESIGNATED LEVEL UPON FIRE ALARM. SHOULD DETECTOR AT DESIGNATED LEVEL, ELEVATOR LOBBY INDICATE FIRE, ELEVATOR TO BE DIRECTED TO ALTERNATE LEVEL. REFER TO ELEVATOR AUTOMATIC FIRE RECALL SCHEDULE. ELEVATOR CONTRACTOR TO COORDINATE WITH TSSA AND CONFIRM DESIGNATED/ALTERNATE LEVELS.
10. SMOKE DETECTOR AT TOP OF ELEVATOR SHAFT TO BE AIR SAMPLING SMOKE DETECTOR TYPE. INSTALL CONTROL UNIT IN A TAMPER PROOF ENCLOSURE (NEMA 4X) OUTSIDE OF ELEVATOR CLOSET. AIR SAMPLING SMOKE DETECTOR TO BE EST READY SET BY EDWARDS OR APPROVED EQUAL.
11. SITE PLAN DRAWINGS INDICATE UNDERGROUND POWER CONDUITS AND CORRESPONDING PULL POINTS FOR CONCRETE PULL BOXES OR HAND HOLES (OR MAN HOLES). WHERE OEC REQUIRES ADDITIONAL PULL POINTS FOR WIRING SEPARATION, PROVIDE ADDITIONAL CONCRETE PULL BOX (OR HAND HOLE) AS REQUIRED. IF AN ADDITIONAL MAN HOLE IS REQUIRED, IT IS PREFERRED TO PROVIDE AN ADDITIONAL HAND HOLE OR CONCRETE PULL BOX IF POSSIBLE.

No.	DESCRIPTION	DATE
A	50% SUBMISSION	2022-01-
B	90% SUBMISSION	2022-02-
C	ISSUED FOR PERMIT	2022-03-
D	ISSUED FOR TENDER	2025-04-

ISSUE
D

CITY OF TORONTO

ACCESSIBILITY UPGRADES

TOUCH AND FEEL INDEX	
SHEET #	SHEET TITLE
T00	COVER PAGE
T01	WASHROOM
T02	WASHROOM ACCESSORIES
T02.1	WASHROOM ACCESSORIES
T03	WASHROOM FIXTURES & DRINKING FOUNTAIN
T04	KITCHEN MATERIALS AND FIXTURES
T05	RESERVED
T06	TACTILE ATTENTION INDICATORS
T07	TEXTURAL & COLOUR CONTRAST WARNING STRIP AND NOSING
T08	DOOR THRESHOLDS



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TOUCH AND FEEL

INTERIOR FIXTURES AND MATERIALS

TOUCH-AND-FEEL DOCUMENT SHOULD BE READ IN CONJUNCTION WITH
DRAWINGS AND SPECIFICATIONS

Project Number: 9119- 19- 0162 / Arcadis 30279056

Date: 2025-04-11

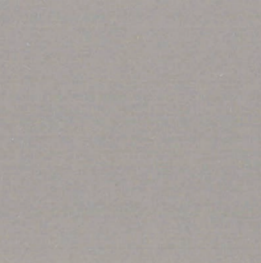
WASHROOM FINISHES	
WASHROOM / SHOWER WALLS	COLLECTION: COLOUR & DIMENSION
CWT-1	COLOUR: ARCTIC WHITE MATTE
	SIZE: 100mm X 400mm (4"X16")
	SUPPLIER: OLYMPIA
WASHROOM / SHOWER WALL ACCENT	MATCH EXISTING
CWT-2	TILE SIZE IS INDICATED ON ROOM FINISH SCHEDULE
WASHROOM / SHOWER WALL ACCENT	COLLECTION: COLOUR & DIMENSION
CWT-3	COLOUR: TAUPE, MATTE
	SIZE: 100mm X 400mm (4"X16")
	SUPPLIER: OLYMPIA
WASHROOM / SHOWER WALL ACCENT	COLLECTION: COLOUR & DIMENSION
CWT-4	COLOUR: DARK GREY MATTE
	SIZE: 100mm X 400mm (4"X16")
	SUPPLIER: OLYMPIA
FLOORS	COLLECTION: MICA, MATTE FINISH
PFT-1	SIZE: 300mm X 600mm (12"X24")
	MEETS DYNAMIC COEFFICIENT OF FRICTION
	PREFERRED SUPPLIER: D9 / EMOTION
SHOWER FLOORS	COLLECTION: STI MOSAICO
PFT-2	COLOUR: MID GREY UNGLAZ
	SIZE: 50mm X 50mm (2"X2")
	MEETS DYNAMIC COEFFICIENT OF FRICTION
	SUPPLIER: STONE TILE
FLOORS	MATCH EXISTING
PFT-3	TILE SIZE IS INDICATED ON ROOM FINISH SCHEDULE
FLOORS	COLLECTION: CORE COLLECTION TERRA
PFT-4	COLOUR: 200 SMOOTH (V)
	SIZE: 304.8mm X 609.6mm (12"X24")
	MEETS DYNAMIC COEFFICIENT OF FRICTION
	SUPPLIER: MOSA TILE

NOTE: THE FINISHES PRESENTED ON THIS PAGE ARE THE BASIS OF DESIGN - ANY ALTERNATES ARE SUBJECT TO APPROVAL BY CITY OF TORONTO, PROJECT MANAGER, FACILITY MANAGER AND STAKEHOLDERS

FOR WASHROOMS WHERE ALL FIXTURES AND WALLS ARE BEING REMOVED ONLY



CWT-1



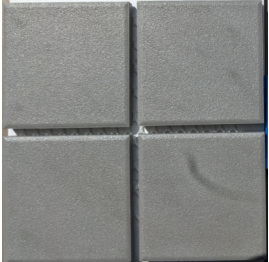
CWT-3



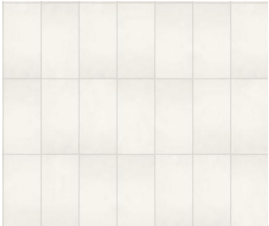
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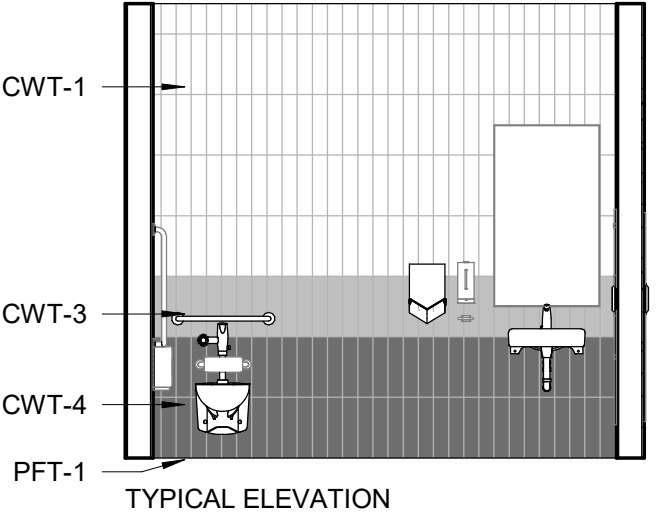
PFT-1



PFT-2



PFT-4



PICTURE 1



PICTURE 2

NOTE: PICTURES ARE ONLY FOR ILLUSTRATION PURPOSES



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DRAWING TITLE:

WASHROOM


















Project No: 9119- 19- 0162 / Arcadis 30279056

Date: 2025-04-11

Issue: ISSUED FOR TENDER

NO.

T01

 SHELF: SHLF GAMCO MS-18 STAINLESS STEEL MIRROR SHELF – 18"	 SOAP DISH: SDI-1 RECESSED MOUNTED SOAP DISH, HEAVY DUTY STAIN FINISH STAINLESS STEEL. BRADLEY MODEL NO. SA16	 SOAP DISPENSER: SD-1 WALL MOUNTED, AUTOMATIC STAINLESS STEEL WITH STAIN FINISH, CLEAR ACRYLIC REFILL INDICATOR WINDOW AND KEY LOCK. BRADLEY 6A00-11.	 L-SHAPED GRAB: GRB-1 SATIN FINISH WITH PEENED GRIPPING SURFACE; 18-GAUGE (1.2MM) STAINLESS STEEL TUBING WITH SATIN-FINISH. 38MM OUTSIDE DIAMETER. ENDS ARE HELIARC WELDED TO FLANGES. CLEARANCE BETWEEN THE GRAB BAR AND WALL IS 38MM. 30" X 30" 762MM X 762MM)	 L-SHAPED GRAB: GRB-2 SATIN FINISH WITH PEENED GRIPPING SURFACE; 18-GAUGE (1.2MM) STAINLESS STEEL TUBING WITH SATIN-FINISH. 38MM OUTSIDE DIAMETER. ENDS ARE HELIARC WELDED TO FLANGES. CLEARANCE BETWEEN THE GRAB BAR AND WALL IS 38MM. 40" X 30" (1016MM X 762MM)	
	 SOAP DISH: SDI-2 SURFACE MOUNTED, STAINLESS STEEL, TYPE 304 FLANGE. BRADLEY MODEL NO. 901	 SOAP DISPENSER: SD-2 COUNTER MOUNTED, TOUCH FREE, ONE PIECE, CAST BRASS CONSTRUCTION ABOVE DECK, SINGLE MOUNT FOAM SOAP DISPENSER WITH ADJUSTABLE SENSOR. MOEN, MODEL NO. 8560			
 COAT HOOK: CTH-1 B-983 STAINLESS STEEL, 14-GAUGE AUTO-RELEASE CLOTHES HOOK WITH EXPOSED STAIN FINISH, FACEPLATE WITH SLOPED EDGES.	 HAND DRYER: HNDR DYSON SPRAYED NICKEL 307174-01, NET WEIGHT: 2.9 KG / 6.17 LBS. H:39.3CM X W:19CM X D:10CM	 GRAB BAR: GRB-3 SATIN FINISH WITH PEENED GRIPPING SURFACE; 18-GAUGE (1.2MM) STAINLESS STEEL TUBING WITH SATIN-FINISH. 38MM OUTSIDE DIAMETER. ENDS ARE HELIARC WELDED TO FLANGES. CLEARANCE BETWEEN THE GRAB BAR AND WALL IS 38MM. 30" (762MM)	 GRAB BAR: GRB-4 SATIN FINISH WITH PEENED GRIPPING SURFACE; 18-GAUGE (1.2MM) STAINLESS STEEL TUBING WITH SATIN-FINISH. 38MM OUTSIDE DIAMETER. ENDS ARE HELIARC WELDED TO FLANGES. CLEARANCE BETWEEN THE GRAB BAR AND WALL IS 38MM. 36" (914MM)	 GRAB BAR: GRB-5 SATIN FINISH WITH PEENED GRIPPING SURFACE; 18-GAUGE (1.2MM) STAINLESS STEEL TUBING WITH SATIN-FINISH. 38MM OUTSIDE DIAMETER. ENDS ARE HELIARC WELDED TO FLANGES. CLEARANCE BETWEEN THE GRAB BAR AND WALL IS 38MM. 40" (1016MM)	
 COAT HOOK: CTH-2 B-2116 12-GAUGE (2.7mm) CASE HARDENED STEEL. ONE PIECE BRASS CASTING WITH SATIN NICKEL-PLATED FINISH					
 TOILET TISSUE DISPENSER: TPD SURFACE-MOUNTED TWIN JUMBO-ROLL B-2892: 18-8, TYPE-304, 20-GAUGE (1.0MM) STAINLESS STEEL WITH SATIN-FINISH. EQUIPPED WITH A TUMBLER LOCK KEYED LIKE OTHER BOBRICK WASHROOM ACCESSORIES.	 MIRROR: MIR 6 MM" FLOAT GLASS, SELECTED FOR SILVERING, ELECTROLYTICALLY COPPER-PLATED BY GALVANIC PROCESS FURNISH UNITS IN TYPE 430 STAINLESS STEEL FRAMING				
 100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com		DRAWING TITLE: WASHROOM ACCESSORIES		Project No: 9119- 19- 0162 / Arcadis 30279056 Date: 2025-04-11 Issue: ISSUED FOR TENDER	
 CITY OF TORONTO ACCESSIBILITY UPGRADES CITY OF TORONTO ACCESSIBILITY UPGRADES		NO. T02			



PAPER TOWEL DISPENSER & WASTE RECEPTACLE: PTD/WR (SR)
SEMI-RECESSED B-38032: 18-8, TYPE 304, HEAVY-GAUGE STAINLESS STEEL. ALL-WELDED CONSTRUCTION.



PAPER TOWEL DISPENSER AND WASTE RECEPTACLE: PTD/WR (R)
RECESSED CONVERTIBLE B-3940: 18-8, TYPE 304, HEAVY-GAUGE STAINLESS STEEL. EXPOSED SURFACES HAVE STAIN-FINISH.



PAPER TOWEL DISPENSER AND WASTE RECEPTACLE: PTD/WR (S)
SURFACE-MOUNTED B-3699: 18-8, TYPE 304, 22-GAUGE (0.8mm) STAINLESS STEEL. ALL-WELDED CONSTRUCTION. EXPOSED SURFACES HAVE STAIN-FINISH.



PAPER TOWEL DISPENSER: PTD (S)
SURFACE MOUNTED B-2974: TYPE 304, 18 GUAGE STAINLESS STEEL. ALL-WELDED CONSTRUCTION.



PAPER TOWEL DISPENSER: PTD (R)
RECESSED B-35903: TYPE 304, HEAVY-GAUGE STAINLESS STEEL. ALL-WELDED CONSTRUCTION. EXPOSED SURFACES HAVE STAIN-FINISH.



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DRAWING TITLE:

WASHROOM ACCESSORIES

Project No: 9119- 19- 0162 / Arcadis 30279056

Date: 2025-04-11

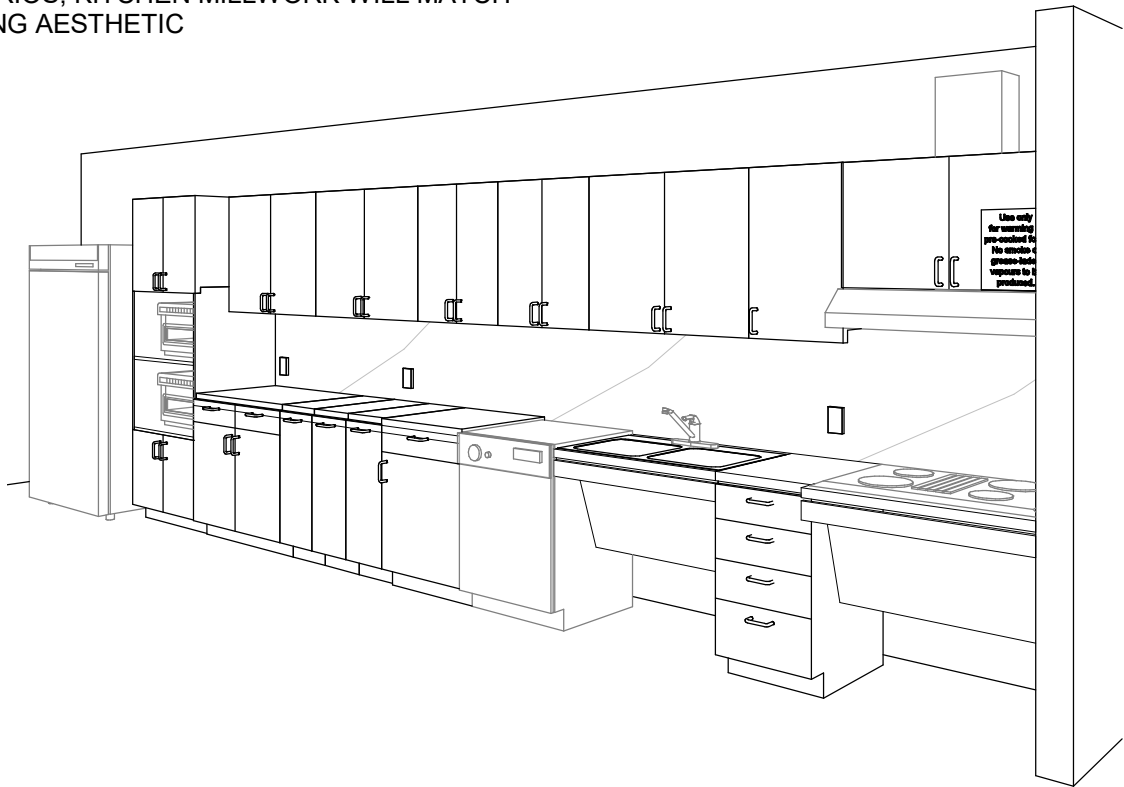
Issue: ISSUED FOR TENDER

NO.

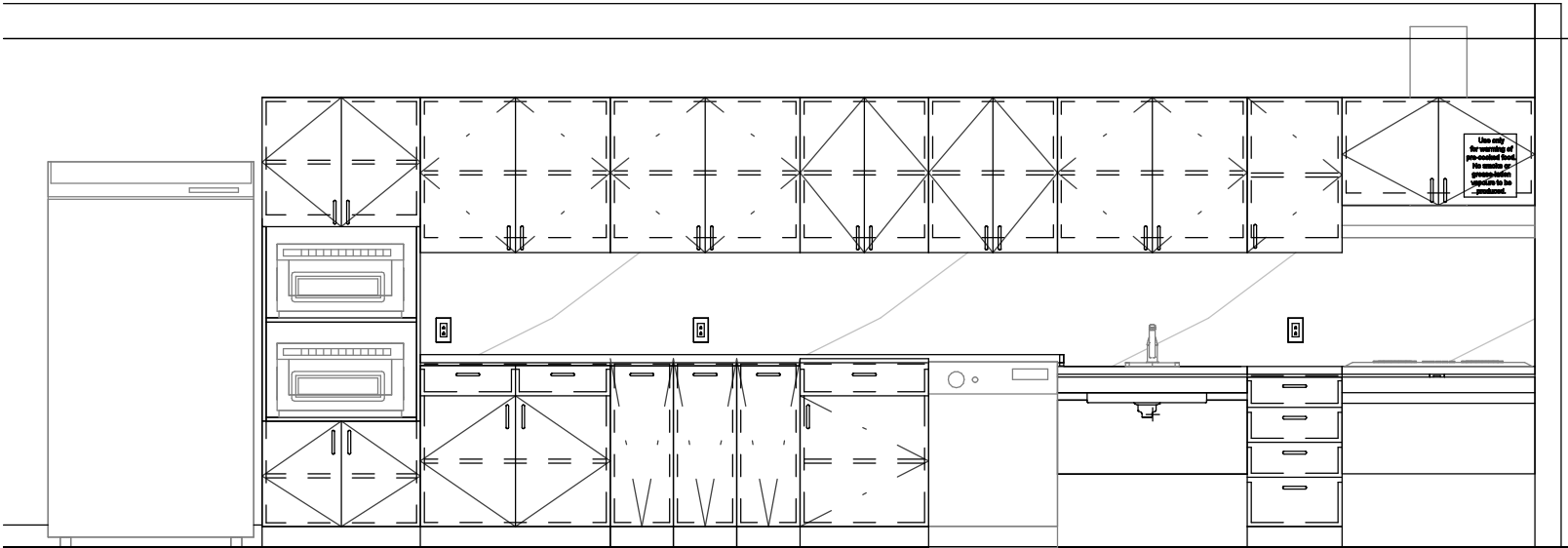
T02.1

 <p>WALL MOUNTED SINK: (BARRIER FREE USE) L1H DECORUM WALL HUNG LAVATORY WITH EVERCLEAN 9024.001EC.020 - VITREOUS CHINA, WHITE FINISH, WITH SINGLE FAUCET HOLE AND OVERFLOW</p>	 <p>COUNTER-MOUNTED SINK: L1 WHITE, SELF-RIMMING, REAR/FRONT OVERFLOW, DRILLED FOR 100 MM SUPPLY FITTING. AMERICAN STANDARD "AQUALYN" #0475.047.020 518 X 441 MM</p>	 <p>COUNTER-MOUNTED SINK: (BARRIER FREE USE) L2H WHITE, FOR BARRIER FREE USE, SELF-RIMMING WITH SEALANT, OVERFLOW, DRILLED FOR 100 MM SUPPLY FITTING. AMERICAN STANDARD "AQUALYN" #0475.047.020 518 X 441 MM</p>	 <p>WALL MOUNTED SINK C/O WITH SHROUD: (BARRIER FREE USE) L3H DECORUM WALL HUNG LAVATORY WITH EVERCLEAN NO. 9134.001EC/0059.020EC SHROUD - VITREOUS CHINA, WHITE FINISH, WITH SINGLE FAUCET HOLE AND OVERFLOW</p>	 <p>UNDER-MOUNTED SINK: (BARRIER FREE USE) L4H WHITE, FOR BARRIER FREE USE WITH REAR OVERFLOW AND UNDERMOUNT CLIPS AMERICAN STANDARD OVALYN UNICERSAL ACCESS 9482.000 489 X 400MM</p>	<p>DRINKING FOUNTAIN</p>  <p>DRINKING FOUNTAIN: DF EZSDWSLK GALVANIZED STEEL WALL MOUNTED, WHEELCHAIR TYPE WATER COOLER WITH STAINLESS STEEL TOP, FRONT AND SIDE MOUNTED PUSH TO OPERATE LEVER(S), SENSOR, TOUCHLESS ACTIVATION WITH AUTO SHUT OFF BOTTLE FILLER, FLEXI-GUARD SAFETY BUBBLER, AND TRAP PACKAGE.</p>
<p>FAUCET: TO BE USED WITH ALL LAVATORY TYPES MOEN ALIGN SENSOR FAUCET - 8559 ELECTRONIC 'NO-TOUCH' HARDWIRED POWERED FAUCET</p>					
 <p>TOILET: W1H <u>WALL HUNG</u> - WHITE FINISH - VITREOUS CHINA WITH EVERCLEAN ANTIMICROBIAL SURFACE. NO. 3351.101.002</p>	 <p>TOILET: W2H <u>FLOOR MOUNTED</u> WHITE FINISH - VITREOUS CHINA WITH EVERCLEAN ANTIMICROBIAL SURFACE. NO. 3461.001.020</p>	 <p>TOILET WITH TANK: W3H <u>FLOOR MOUNTED</u> WHITE FINISH - VITREOUS CHINA WITH EVERCLEAN ANTIMICROBIAL SURFACE. PA TANK, 1.1 GPF WHITE</p>	 <p>URINAL: U1H WALL HUNG 6590.001.020 - WASHBROOK FLOWISE - EXTENDED SIDES FOR PRIVACY - WASHDOWN ACTION - FLUSHING RIM - 19 MM DIA.</p>		
 <p>100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com</p>	 <p>CITY OF TORONTO ACCESSIBILITY UPGRADES CITY OF TORONTO ACCESSIBILITY UPGRADES</p>	<p>DRAWING TITLE: WASHROOM FIXTURES & DRINKING FOUNTAIN</p>		<p>Project No: 9119- 19- 0162 / Arcadis 30279056</p> <p>Date: 2025-04-11</p> <p>Issue: ISSUED FOR TENDER</p>	<p>NO.</p> <p>T03</p>

ONLY WHEN ENTIRE KITCHEN MILLWORK IS TO BE REMOVED (UPPER AND LOWERS) ALL OTHER SCENARIOS, KITCHEN MILLWORK WILL MATCH EXISTING AESTHETIC



PERSPECTIVE: N.T.S



ELEVATION: N.T.S

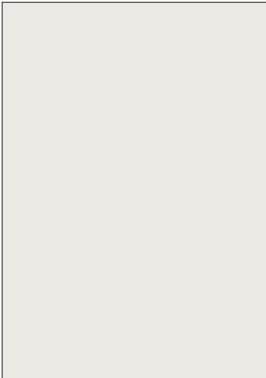
PERSPECTIVE & ELEVATION VIEWS ARE REPRESENTATIVE ONLY - REFER TO BUILDING-SPECIFIC DRAWINGS



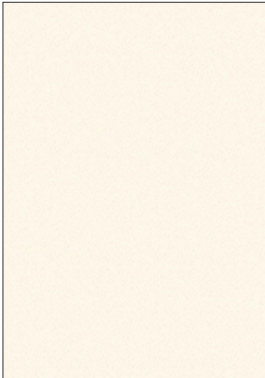
COUNTERTOP AND BACKSPLASH: Q-1
CAESARSTONE - QUARTZ
SUPERNATURAL COLLECTION
1111 VIVID WHITE



CABINETS: PLAM-1
PLASTIC LAMINATE
WILSONART NORTH
SEA D90



PAINT: PT-1
SHERWIN WILLIAMS SW
7004 SNOWBOUND
PAINT SHIELD EGGSHEL
SHEEN



UPPER CABINETS: PLAM-2
PLASTIC LAMINATE
WILSONART
ALABASTER D431



S1
FAUCET:
AMERICAN STANDARD NO.
7074100.00
SINK:
UCS6105P-1 SINGLE BOWL



S2
FAUCET:
AMERICAN STANDARD NO.
7074100.00
SINK:
FRANKE COMMERCIAL
UCD6405P



S3
FAUCET:
MOEN ALIGN WITH
MOTIONSENSE NO. 7565EC
SINK:
UCS6105P-1 SINGLE BOWL



S4
FAUCET:
MOEN ALIGN WITH
MOTIONSENSE NO. 7565EC
SINK:
FRANKE COMMERCIAL
UCD6405P



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DRAWING TITLE:

KITCHEN MATERIALS AND FIXTURES

Project No: 9119- 19- 0162 / Arcadis 30279056

Date: 2025-04-11

Issue: ISSUED FOR TENDER

NO.

T04

RESERVED

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DRAWING TITLE:

RESERVED

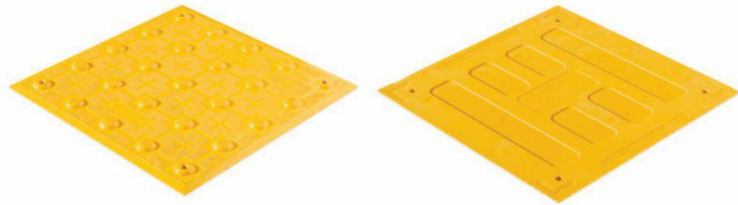
Project No: 9119- 19- 0162 / Arcadis 30279056

Date: 2025-04-11

Issue: ISSUED FOR TENDER

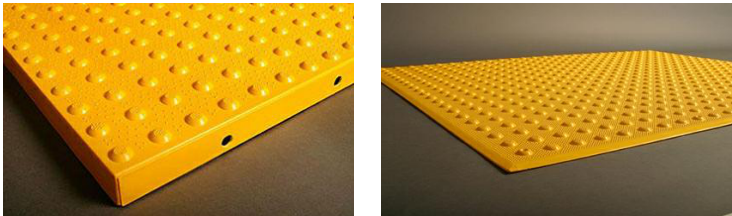
NO.

T05



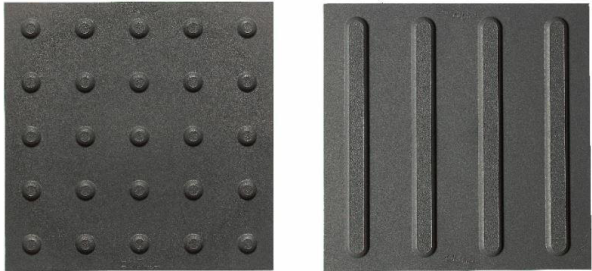
TA - 1a (SURFACE MOUNTED) INTERIOR AND EXTERIOR
TA - 1b (CAST IN PLACE) EXTERIOR
TA - 1c (SURFACE MOUNTED FIRE RATED) INTERIOR

- POLYMER, COMPOSITE TACTILE INDICATORS
- SURFACE APPLIED SUITABLE FOR INTERIOR APPLICATIONS
 - FIRE RATED TILES FOR INTERIOR APPLICATIONS HIGHER THAN 6 FLOORS
 - CAST IN PLACE SUITABLE FOR EXISTING



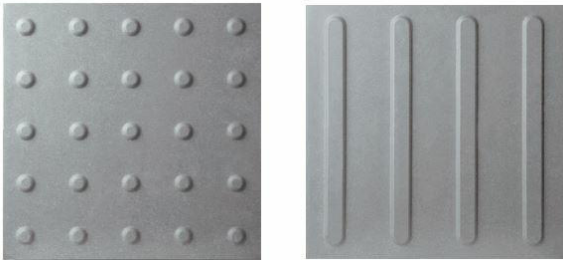
TA - 2a (SURFACE MOUNTED) INTERIOR AND EXTERIOR
TA - 2b (CAST IN PLACE) EXTERIOR

- ENGINEERED POLYMER COMPOSITE TACTILE INDICATORS
- EXTERIOR APPLICATIONS
 - FOR NEWLY CONSTRUCTED CURBS RAMPS, STAIRS, RAMPS, OR PLATFORM EDGES



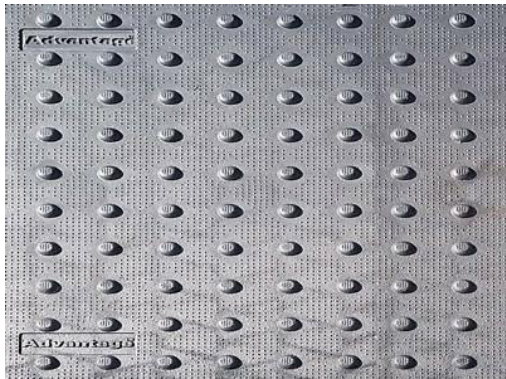
TA - 3

- RESILIENT POLYMER TACTILE INDICATORS
- INTERIOR OR EXTERIOR APPLICATIONS
 - TRUNCATED DOME OR WAYFINDING BAR VARIANTS.
 - FOR SKATE RINK EDGES OR USE WITH VCT FLOORING



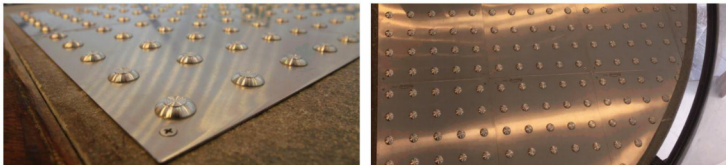
TA - 4

- PORCELAIN TACTILE INDICATORS
- INTERIOR OR EXTERIOR APPLICATIONS
 - TRUNCATED DOME OR WAYFINDING BAR VARIANTS.
 - FOR USE WITH PORCELAIN TILE FLOORING



TA - 5

- CAST IRON CAST IN PLACE TACTILE INDICATORS
- EXTERIOR APPLICATION
 - HIGHLY DURABLE
 - FOR NEW CONSTRUCTION HIGH TRAFFIC AREAS



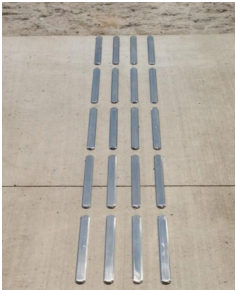
TA - 6

- INDIVIDUAL STAINLESS STEEL PLATE TACTILE INDICATORS
- INTERIOR OR EXTERIOR APPLICATIONS
 - FOR HIGH PROFILE ARCHITECTURAL SPACES WHERE AESTHETICS ARE IMPORTANT



TA - 7

- TRUNCATED DOMES:
- INDIVIDUAL STAINLESS STEEL TACTILE INDICATORS
 - INTERIOR OR EXTERIOR APPLICATIONS
 - CAN BE INSTALLED ON ALL SURFACES
 - FOR HIGH PROFILE ARCHITECTURAL SPACES WHERE AESTHETICS ARE IMPORTANT
 - TO BE USED ON NON-HERITAGE DESIGNATED STAIRS



TA - 8

- GUIDANCE BARS:
- INDIVIDUAL STAINLESS STEEL, BRASS, BRONZE OR ALUMINUM CARBORUNDUM NON-SLIP OR LINEAR GROOVE PATTERN.
 - INTERIOR APPLICATIONS
 - CAN BE INSTALLED ON ALL SURFACES
 - FOR HIGH PROFILE ARCHITECTURAL SPACES WHERE AESTHETICS ARE IMPORTANT
 - TO BE USED ON NON-HERITAGE DESIGNATED STAIRS



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DRAWING TITLE:

TACTILE ATTENTION INDICATORS

Project No: 9119- 19- 0162 / Arcadis 30279056

Date: 2025-04-11

Issue: ISSUED FOR TENDER

NO.

T06



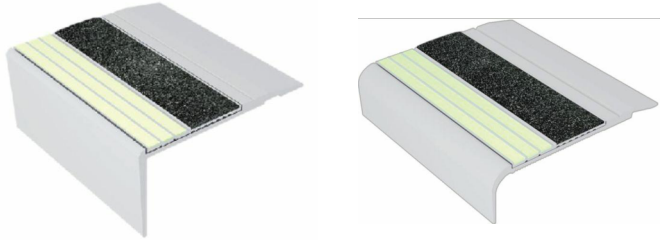
TA - 11 INTERIOR AND EXTERIOR TEXTURAL WARNING STRIP

- AFFIXED WITH ADHESIVE AND SCREWS
- SIZES: 50.8MM X 203MM
- REFER TO DRAWINGS FOR REQUIRED LENGTH AND WIDTH



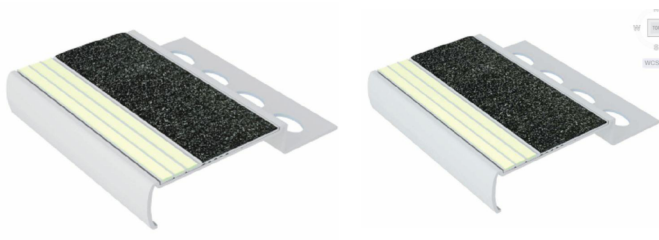
TA - 12 EXTERIOR CAST IN PLACE CONTRAST AND TEXTURAL WARNING STRIP

- DESIGNED FOR INSTALLATION ON STEP EDGES WHEN CONCRETE IS POURED.
- INSTALLED IN WET-SET CONCRETE.
- SIZES: 50.8MM X 76.2MM WIDE
- REFER TO DRAWINGS FOR REQUIRED LENGTH AND WIDTH



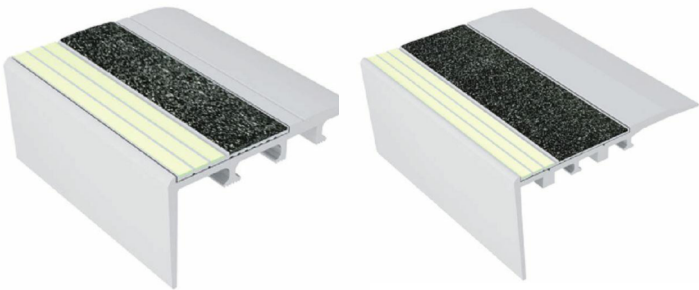
TA - 16 INTERIOR AND EXTERIOR USE (ON EXISTING) ON SMOOTH SURFACES STAIR NOSING FOR: TILE, CONC, WOOD, CARPET, VINYL.

- ANODIZED ALUMINUM NOSE, INSTALLED WITH EITHER NON-SLIP STRIP OR WITH PHOTOLUMINESCENT CONTRAST STRIP.
- AVAILABLE IN 5 DIFFERENT PROFILES TO MATCH THE DESIGN OF THE STEP EDGE
- AFFLICTED WITH ADHESIVE OR ADHESIVE AND SCREWS
- SIZES: 70.1MM - 78.7MM WIDE
- REFER TO DRAWINGS FOR REQUIRED LENGTH AND WIDTH



TA - 17 INTERIOR USE ON NEW TILED SURFACES. STAIR NOSING.

- ALUMINUM NOSE SPECIFICALLY DESIGNED FOR INSTALLATION ON TILED STAIRS.
- 3.2MM TILED STAIRS OR 2.54MM TILED STAIRS.
- REFER TO DRAWINGS FOR REQUIRED LENGTH AND WIDTH



TA - 18 INTERIOR USE ON NEW CARPETED FLOORING. STAIR NOSING.

- ANODIZED ALUMINUM NOSE, SPECIFICALLY DESIGNED FOR CARPETED STAIRS, INSTALLED WITH EITHER NON-SLIP STRIP OR WITH PHOTOLUMINESCENCE CONTRAST STRIP
- INSTALLED WITH SCREWS
- SIZES: 66MM - 89MM
- REFER TO DRAWINGS FOR REQUIRED LENGTH AND WIDTH



TA - 19 EXTERIOR USE ON POURED CONCRETE. STAIR NOSING.

- HEAT TREATED EXTRUDED ALUMINUM ALLOY 6063-T-6, FILLED WITH A MIXTURE OF VIRGIN ALUMINUM OXIDE AND SILICON CARBIDE ABRASIVE GRANULES IN AN EPOXY BINDER.
- FULL LENGTH, INTEGRALLY EXTRUDED 5/8" ANCHOR.
- SIZES: 79.4MM X 25.4MM
- REFER TO DRAWINGS FOR REQUIRED LENGTH AND WIDTH
- TO BE USED ON NON-HERITAGE DESIGNATED STAIRS



TA - 20 INDOOR AND OUTDOOR USE ON NEW POURED CONCRETE STAIR NOSING.

- INSTALL INTO WET CONCRETE. USED ON CONCRETE STAIRS, CONCRETE-FILLED STEEL PAN STAIRS, AND PRE-CAST CONCRETE STAIRS.
- AVAILABLE IN CUT TO LENGTH SIZES. (TOLERANCE +OR- 1/8")
- STANDARD LENGTHS ARE 8FT AND 10FT.
- INSERTS ATTACHED OR UNATTACHED – INSERTS UNATTACHED CAN BE INSTALLED LATER TO ENSURE THE PRODUCT IS CLEAN AND HAS NOT BEEN DAMAGED DURING CONSTRUCTION. INSERTS ARE INSTALLED WITH A PREMIUM POLYURETHANE ADHESIVE.
- A CLEAR PROTECTIVE TAPE WRAPS AROUND THE PRODUCT TO KEEP THE PRODUCT CLEAN DURING INSTALLATION. TO REMOVE, CUT THE TAPE ALONG THE EDGES AND PEEL AWAY.



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DRAWING TITLE:
**TEXTURAL & COLOUR CONTRAST
WARNING STRIP AND NOSING**

Project No: 9119- 19- 0162 / Arcadis 30279056

Date: 2025-04-11

Issue: ISSUED FOR TENDER

NO.

T07

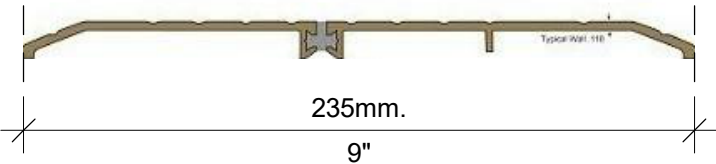
TH-1a

SMOOTH 6" WIDE THRESHOLD WITH ANTI-SLIP COATING



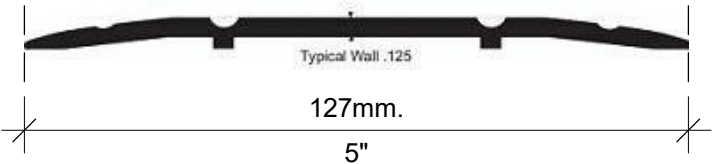
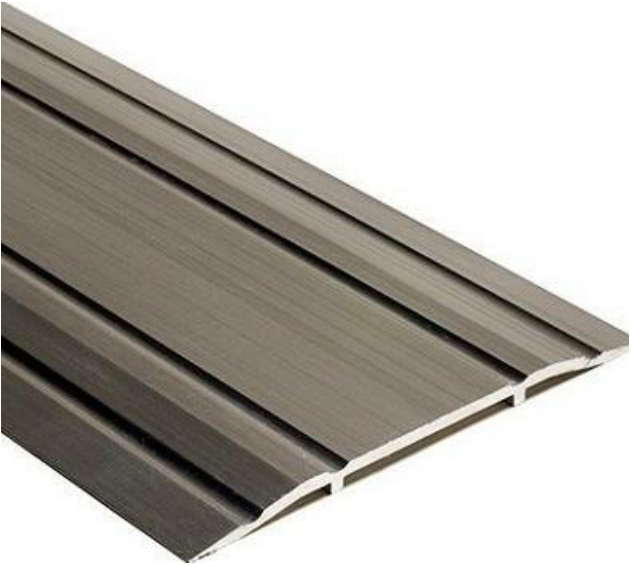
TH-2a

EXTERIOR APPLICATIONS - THERMALLY BROKEN METAL THRESHOLD
ANY EXISTING FLOORING MATERIAL TO ANY EXISTING FLOORING MATERIAL



TH-3a

METAL THRESHOLD
ANY EXISTING FLOORING MATERIAL TO ANY EXISTING FLOORING MATERIAL



TH-4a

ANODIZED ALUMINUM TRANSITION STRIP
BETWEEN NEW AND EXISTING FLOOR



TH-5a

SATIN ANODIZED ALUMINUM TRANSITION STRIP
FOR NEW FLOORING ON BOTH SIDE VARIES HEIGHTS (TILE TO ANY FLOOR SURFACE)



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122260

ELLESMERE YARD, BUILDING D
1050 ELLESMERE RD

GROUP 03
SEQ 17



ISSUES		
No.	DESCRIPTION	DATE
A	50% SUBMISSION	2022-04-27
B	90% SUBMISSION	2022-07-29
C	ISSUED FOR PERMIT	2022-07-29
D	ISSUED FOR TENDER	2022-09-27

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PROGRAM GROUP 03

PROJECT NO: 122260	
DATE: 2022-09-27	
SHEET NUMBER G03-017-G0001	ISSUE D

ISSUED FOR TENDER

GENERAL DRAWING INDEX	
SHEET NUMBER	SHEET NAME
G0001	COVER SHEET
G0002	DRAWING LIST
G0003	ONTARIO BUILDING CODE DATA MATRIX

SIGNAGE GENERAL DRAWING INDEX	
SHEET NUMBER	SHEET NAME
D1901	SIGNAGE & WAYFINDING DETAIL GENERAL SPECIFICATIONS
D1902	SIGNAGE & WAYFINDING DETAILS B1.1: DIRECTIONAL SIGNAGE
D1903	SIGNAGE & WAYFINDING DETAILS E2: ROOM ID
D1904	SIGNAGE & WAYFINDING DETAILS E4: INSERT HOLDER
D1905	SIGNAGE & WAYFINDING DETAILS H1.1: AMENITY ID
D1906	SIGNAGE & WAYFINDING DETAILS H2.1: PROJECTING AMENITY ID
D1907	SIGNAGE & WAYFINDING DETAILS J4: ACCESSIBLE ENTRANCE
D1908	SIGNAGE & WAYFINDING DETAILS S1: STAIR ID

ARCHITECTURAL DRAWING INDEX	
SHEET NUMBER	SHEET NAME
A1201	SITE PLAN
A1202	SITE PLAN DETAILS
A2001	SITE STAGING PLAN
A2011	FIRST FLOOR STAGING & EXITING PLAN
A2021	SECOND FLOOR STAGING & EXITING PLAN
A2111	FIRST FLOOR DEMOLITION PLAN
A2112	FIRST FLOOR ENLARGED DEMOLITION PLAN
A2121	SECOND FLOOR DEMOLITION PLAN
A2411	FIRST FLOOR PROPOSED PLAN
A2421	SECOND FLOOR PROPOSED PLAN
A2611	FIRST FLOOR - FLOOR FINISH PLAN
A2621	SECOND FLOOR - FLOOR FINISH PLAN
A5011	UNIVERSAL WASHROOM / KITCHENETTE 134 PLANS AND ELEVATIONS
A5111	CHANGE ROOMS PLANS AND ELEVATIONS
A5211	STAIR A AND RAMP ENLARGED PLANS
A5212	STAIR A AND RAMP SECTIONS
A5213	STAIRS B, C AND C1 ENLARGED PLANS
A5214	STAIR B & C SECTIONS
A5311	LIFT & MEETING ROOM 128 - PLANS & ELEVATION
A5312	LIFT ELEVATIONS AND SECTION
A5313	LIFT DETAILS
A8010	SIGNAGE & WAYFINDING DETAILS LEVEL 1 LOCATION PLAN
A8020	SIGNAGE & WAYFINDING DETAILS LEVEL 2 LOCATION PLAN
A8100	SIGNAGE & WAYFINDING DETAILS MESSAGE SCHEDULE
A8101	SIGNAGE & WAYFINDING DETAILS MESSAGE SCHEDULE
A9001	DOOR AND ROOM FINISH SCHEDULES


STRUCTURAL DRAWING INDEX	
SHEET NUMBER	SHEET NAME
S0001	DRAWING LIST
S1201	SITE PLAN
S2001	FIRST FLOOR - DEMOLITION PLAN
S2003	ROOF - DEMOLITION PLAN
S2100	FOUNDATION PLAN PROPOSED PLAN
S2501	FIRST FLOOR - PROPOSED PLAN
S2502	SECOND FLOOR - PROPOSED PLAN
S2503	ROOF - PROPOSED PLAN
S5301	LIFT - ENLARGED DEMOLITION PLANS AND SECTIONS
S5302	LIFT - PLAN
S5303	LIFT - SECTION
S5304	LIFT - DETAIL
S5601	RAMP - PLANS
S5602	RAMP - SECTIONS

MECHANICAL DRAWING INDEX	
SHEET NUMBER	SHEET NAME
M0001	MECHANICAL DRAWING LIST
M1101	DEMOLITION PLAN - GROUND FLOOR
M1102	DEMOLITION - SECOND FLOOR
M2101	PLUMBING - GROUND FLOOR
M2102	PLUMBING - SECOND FLOOR
M3101	DRAINAGE - GROUND FLOOR
M3102	DRAINAGE - SECOND FLOOR
M4101	FIRE PROTECTION - GROUND FLOOR
M4102	FIRE PROTECTION - SECOND FLOOR
M5101	HVAC - GROUND FLOOR
M5103	HVAC - SECOND FLOOR

ELECTRICAL DRAWING INDEX	
SHEET NUMBER	SHEET NAME
E0000	DRAWING LIST
E1101	ELECTRICAL DEMOLITION PLAN 1ST FLOOR
E1102	ELECTRICAL DEMOLITION PLAN 2ND FLOOR
E2101	POWER & SYSTEMS PLAN 1ST FLOOR
E2102	POWER & SYSTEMS PLAN 2ND FLOOR

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PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

ELLESMERE YARD,
BUILDING D
1050 ELLESMERE RD

PROJECT NO:
122260

DRAWN BY:
A. BOYNARIAN

CHECKED BY:
K. TILAHUN

PROJECT MGR:
N. FRISCIC

APPROVED BY:
M. KOTBY

SHEET TITLE

DRAWING LIST

SHEET NUMBER

G03-017-G0002

ISSUE

D

BIW 380/1122260 - CoT TAU Upgrades R2020122260-TAU-3-17-050ELSMR-A-R20.rvt

1 m

10mm


Firm Name: IBI GROUP ARCHITECTS (CANADA) INC. CERTIFICATE OF PRACTICE NUMBER 5605 100-175 Galaxy Boulevard Toronto, ON M9W 0C9 T 416 679 1930 F 416 675 4620			Name of Project ELLESMERE YARD - BUILDING D Location 1050 ELLESMERE RD. SCARBOROUGH, TORONTO ON M1P 4P4		
ITEM	Ontario's 2012 Building Code Data Matrix Part 3 or 9		OBC REFERENCE References are to Division B unless noted (A) for Division A or (C) for Division C		REMARKS
	1. PROJECT DESCRIPTION <div><input type="checkbox"/> New <input type="checkbox"/> Addition <input type="checkbox"/> CHANGE OF USE <input checked="" type="checkbox"/> Alteration</div>		<div><input checked="" type="checkbox"/> PART 11 11.1 to 11.4</div> <div><input checked="" type="checkbox"/> PART 3 1.1.2. [A]</div> <div><input type="checkbox"/> PART 9 1.1.2. [A] & 9.10.1.3.</div>		
2.	MAJOR OCCUPANCY(S) GROUP F - DIVISION 2 MEDIUM HAZARD OCCUPANCIES SUBSIDIARY OCCUPANCY(S) GROUP D - BUSINESS AND PERSONAL SERVICE OCCUPANCIES		3.1.2.1. (1) 9.10.2.		EXISTING NO CHANGE
3.	BUILDING AREA (m²) EXISTING - 1130 NEW - 0 TOTAL - 1130		1.4.1.2. [A] 1.4.1.2. [A]		
4.	GROSS AREA (m²) EXISTING - 1590 NEW - 0 TOTAL - 1590		1.4.1.2. [A] 1.4.1.2. [A]		EXISTING NO CHANGE
5.	NUMBER OF STOREYS ABOVE GRADE - 2 BELOW GRADE - N/A		1.4.1.2. [A] & 3.2.1.1. 1.4.1.2. [A] & 9.10.4.		
6.	NUMBER OF STREETS/FIRE FIGHTER ACCESS - 1 EXISTING NO CHANGE		3.2.2.10. & 3.2.5. 9.10.20.		
7.	BUILDING CLASSIFICATION - EXISTING NO CHANGE		3.2.2.70. 9.10.2.		
8.	SPRINKLER SYSTEM PROPOSED <div><input type="checkbox"/> ENTIRE BUILDING <input type="checkbox"/> SELECTED COMPARTMENTS <input type="checkbox"/> SELECTED FLOOR AREAS <input type="checkbox"/> BASEMENT <input type="checkbox"/> IN LIEU OF ROOF RATING <input type="checkbox"/> NOT REQUIRED</div>		3.2.2.70 9.10.8.2 3.2.1.5 3.2.2.17 INDEX INDEX		EXISTING NO CHANGE
9.	STANDPIPE REQUIRED STANDPIPE PROVIDED		3.2.9. N/A		EXISTING NO CHANGE
10.	FIRE ALARM REQUIRED FIRE ALARM PROVIDED		3.2.4. 9.10.18.		EXISTING NO CHANGE
11.	WATER SERVICE/SUPPLY IS ADEQUATE		3.2.5.7. N/A		EXISTING NO CHANGE
12.	HIGH BUILDING		3.2.6. N/A		
13.	CONSTRUCTION RESTRICTIONS ACTUAL CONSTRUCTION		3.2.2.70. 9.10.6.		EXISTING NO CHANGE
14.	MEZZANINE (S) AREA m² EXISTING NO CHANGE		3.2.1.1. (3) - (8) 9.10.4.1.		
15.	OCCUPANT LOAD BASED ON <input type="checkbox"/> m²/PERSON <input checked="" type="checkbox"/> DESIGN OF BUILDING		3.1.17. 4.9.13.		EXISTING NO CHANGE
1ST FLOOR: OCCUPANCY _____ LOAD _____ PERSONS					
2ND FLOOR: OCCUPANCY _____ LOAD _____ PERSONS					
MEZZANINE FLOOR: OCCUPANCY _____ LOAD _____ PERSONS					
16.	BARRIER FREE DESIGN <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO (EXPLAIN)		3.8. 9.5.2.		ONLY PROPOSED AREA OF WORK - COMPLIANT WITH CITY OF TORONTO ACCESSIBILITY DESIGN GUIDELINE DRAFT 2016 WHEN POSSIBLE
17.	HAZARDOUS SUBSTANCES <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		3.3.1.2 & 3.3.1.19 9.10.1.3.(4)		
18a.	REQUIRED FIRE	HORIZONTAL ASSEMBLIES FRR (HOURS)	LISTED DESIGN NO. OR DESCRIPTION (SB-2)	3.2.2.70. & 3.2.1.4. 9.10.8. 9.10.9.	
18b.	RESISTANCE RATING (FRR)	FLOORS NO CHANGE			
		ROOF NO CHANGE			
		MEZZANINE N/A			

ITEM	Ontario's 2012 Building Code Data Matrix Part 3 or 9										OBC REFERENCE References are to Division B unless noted (A) for Division A or (C) for Division C		REMARKS	
	18b.	REQUIRED FIRE	FRR OF SUPPORTING MEMBERS		LISTED DESIGN NO. OR DESCRIPTION (SB-2)						SB-2 TABLE 2.1.1. SB-2 TABLE 2.1.1.			
		RESISTANCE RATING (FRR)	FLOORS NO CHANGE											
			ROOF NO CHANGE											
		MEZZANINE												
19.	SPATIAL SEPARATION - CONSTRUCTION OF EXTERIOR WALLS										3.2.3.	9.10.14.	EXISTING NO CHANGE	
	WALL	AREA OF EBF (m²)	LD (M)	L/H OR H/L	PERMITTED MAX. % OF OPENINGS	PROPOSED % OF OPENINGS	FRR (HOURS)	LISTED DESIGN OR DESCRIPTION	COMB. CONST.	COMB. CONST. NONC-CLADDING	NON-COMB. CONST.			
	NORTH					-	0	-	-	-				
	SOUTH					-	0	-	-	-				
	EAST					-	0	-	-	-				
	WEST					-	0	-	-	-				
20.	PLUMBING FIXTURE REQUIREMENTS										OBC REFERENCE			
MALE / FEMALE COUNT @ _____ % / _____ % EXCEPT AS NOTED OTHERWISE										ADDITIONAL 1 WATER CLOSET AND 1 LAVATORY		<input checked="" type="checkbox"/> PART 3 <input type="checkbox"/> PART 9		
MAJOR OCCUPANCY _____										OCCUPANT LOAD	OBC TABLE NUMBER	FIXTURES REQUIRED	FIXTURES PROVIDED	
										X MALE	3.7.4.9.	X	X	3.7.4.9.
										X FEMALE	3.7.4.9.	X	X	3.7.4.9.
21.	EXITS/ ACCESS TO EXIT-												EXISTING NO CHANGE	
22.	OTHER (DESCRIBE) -													

ITEM	Ontario Building Code Data Matrix - Part 11 - Renovation of Existing Building					OBC REREFERENCE		REMARKS
11.1	EXISTING BUILDING CLASSIFICATION:	DESCRIBE EXISTING USE: CONSTRUCTION INDEX: HAZARD INDEX. <input checked="" type="checkbox"/> NOT APPLICABLE (NO CHANGE OF MAJOR OCCUPANCY)				11.2.1. TABLE 11.2.1.1.A. TABLE 11.2.1.1.B. TO N		
11.2	ALTERATION TO EXISTING BUILDING IS:	BASIC RENOVATION <input checked="" type="checkbox"/> EXTENSIVE RENOVATION <input type="checkbox"/>				11.3.3.1. 11.3.3.2.		
11.3	REDUCTION IN PERFORMANCE LEVEL:	STRUCTURAL: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES BY INCREASE IN OCCUPANT LOAD: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES BY CHANGE OF MAJOR OCCUPANCY: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES PLUMBING: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES SEWAGE SYSTEM: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				11.4.2. 11.4.2.1. 11.4.2.2. 11.4.2.3.		
11.4	COMPENSATING CONSTRUCTION:	STRUCTURAL: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (EXPLAIN) BY INCREASE IN OCCUPANT LOAD: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (EXPLAIN) BY CHANGE OF MAJOR OCCUPANCY: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (EXPLAIN) PLUMBING: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (EXPLAIN) SEWAGE SYSTEM: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (EXPLAIN)				11.4.3 11.4.3.2 11.4.3.3 11.4.3.4 11.4.3.5 11.4.3.6		
11.5	COMPLIANCE ALTERNATIVES PROPOSED:	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (GIVE NUMBERS)				11.5.1		

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PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

ELLESMERE YARD,
BUILDING D
1050 ELLESMERE RD

PROJECT NO:
122260

DRAWN BY:
A. BOYNARIAN

CHECKED BY:
K. TILAHUN

PROJECT MGR:
N. FRISCI

APPROVED BY:
M. KOTBY

SHEET TITLE

ONTARIO BUILDING
CODE DATA MATRIX

SHEET NUMBER

G03-017-G0003

ISSUE

D

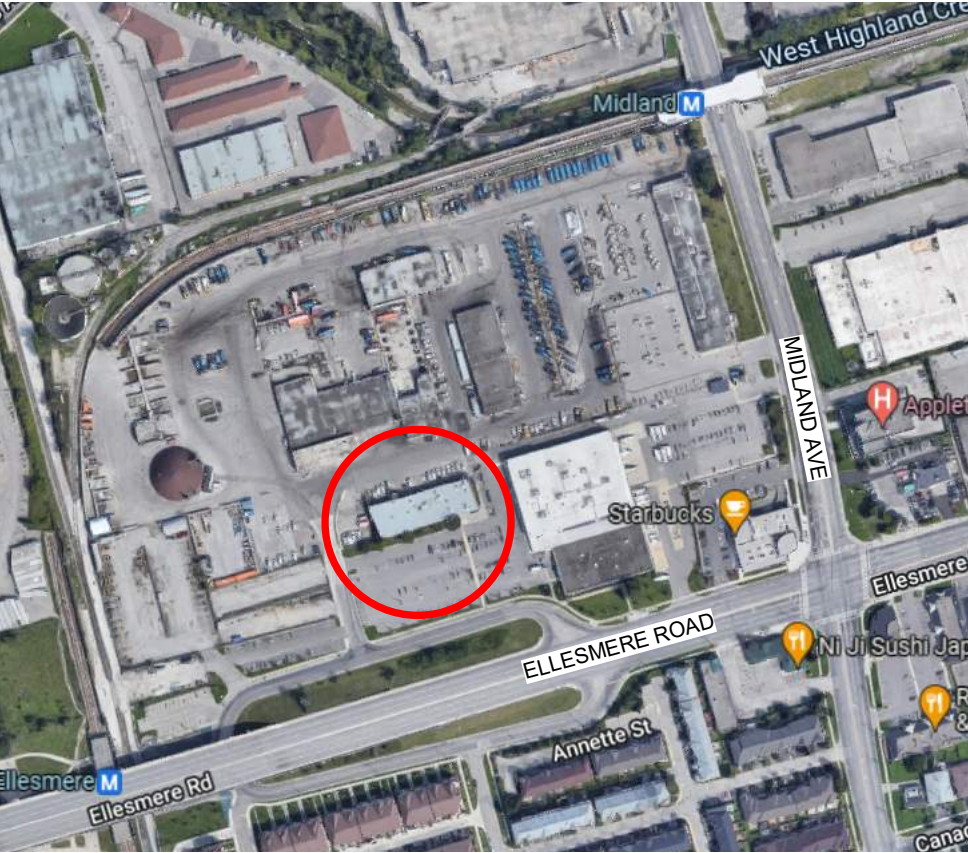


SITE LEGEND

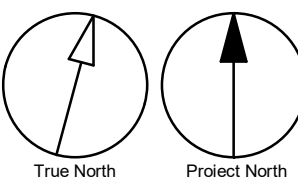
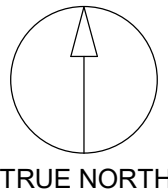
- NEW BARRIER FREE PARKING SPACE - REFER TO DETAIL 1/D1701 & 5/D1701
- ACCESSIBLE PARKING SIGN ON POST - REFER TO DETAIL 2/D1702
- EXISTING MAIN ENTRANCE
- EXISTING EXIT TO REMAIN
- NEW PAINTED LINE MARKING DETAIL - REFER TO DETAIL 3/D1701
- NEW PAINTED LINE MARKING DETAIL - REFER TO DETAIL 4/D1701
- DASHED AREA INDICATES AREA OF WORK

SITE PLAN GENERAL NOTES

- SITE PLAN DIMENSIONS ARE APPROXIMATE BASED ON GOOGLE MAPS. CONTRACTOR TO VERIFY ALL DIMENSIONS AND EXISTING SITE SERVICES. REPORT ANY DISCREPANCY TO THE CONSULTANT AND OWNER BEFORE COMMENCING WORK.
- CONTRACTOR TO COORDINATE HOARDING AND FENCING FOR ENTRANCES WITH OWNER. RESTORE AFFECTED WALKWAY, DRIVEWAY, PAVING AND ALL SOFT LANDSCAPING AT EXCAVATED AREAS POST CONSTRUCTION. MATCH MATERIAL AND FINISH.



2 KEY PLAN
A1201 Scale: NTS



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ibigroup.com

PROJECT TITLE

**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

**ELLESMERE YARD,
BUILDING D,
1050 ELLESMERE RD**

PROJECT NO:
122260

DRAWN BY:
A. BOYNARIAN

PROJECT MGR:
N. FRISCIC

CHECKED BY:
K. TILAHUN

APPROVED BY:
M. KOTBY

SHEET TITLE

SITE PLAN

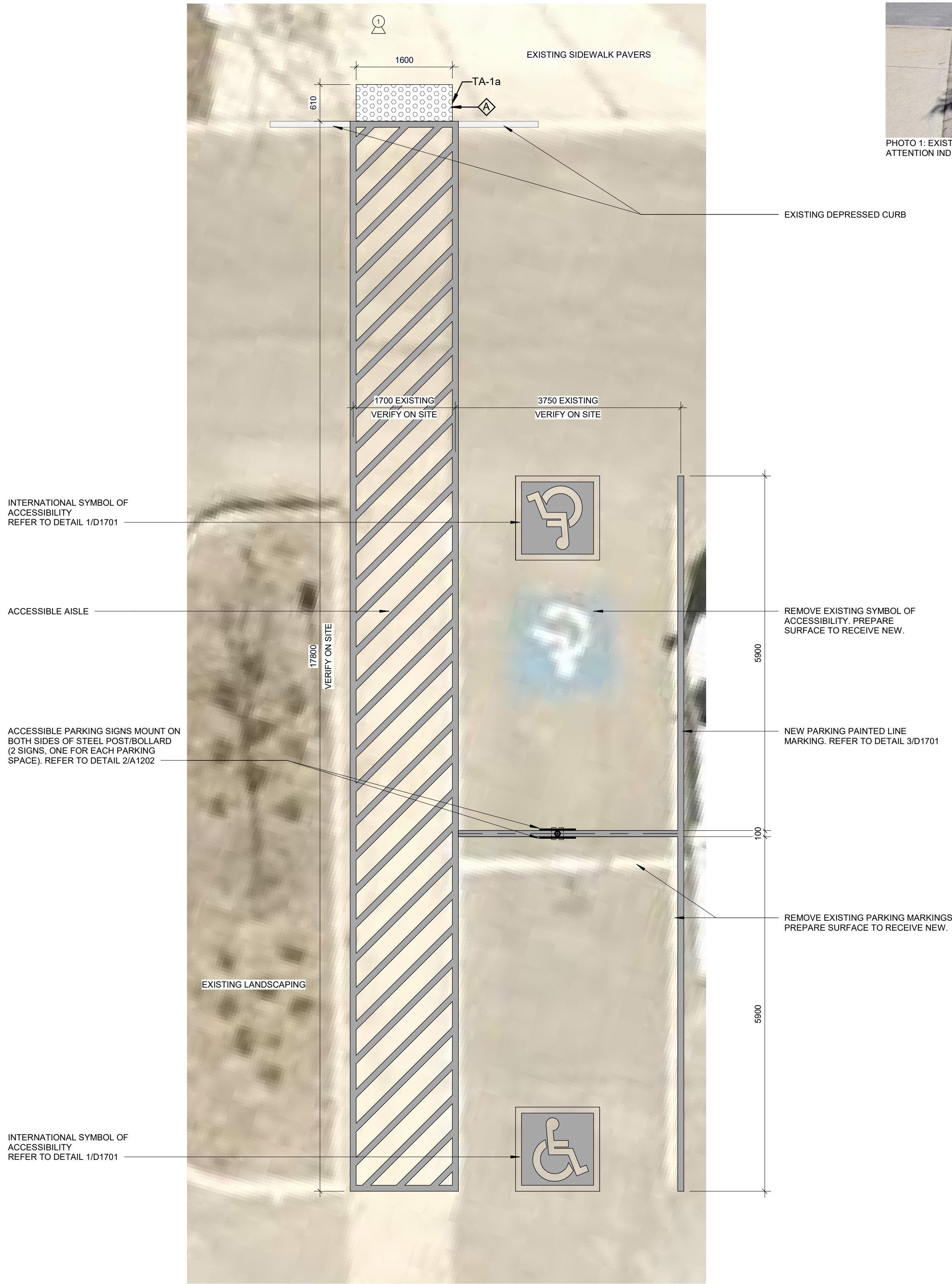
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G03-017-A1201

ISSUE

D

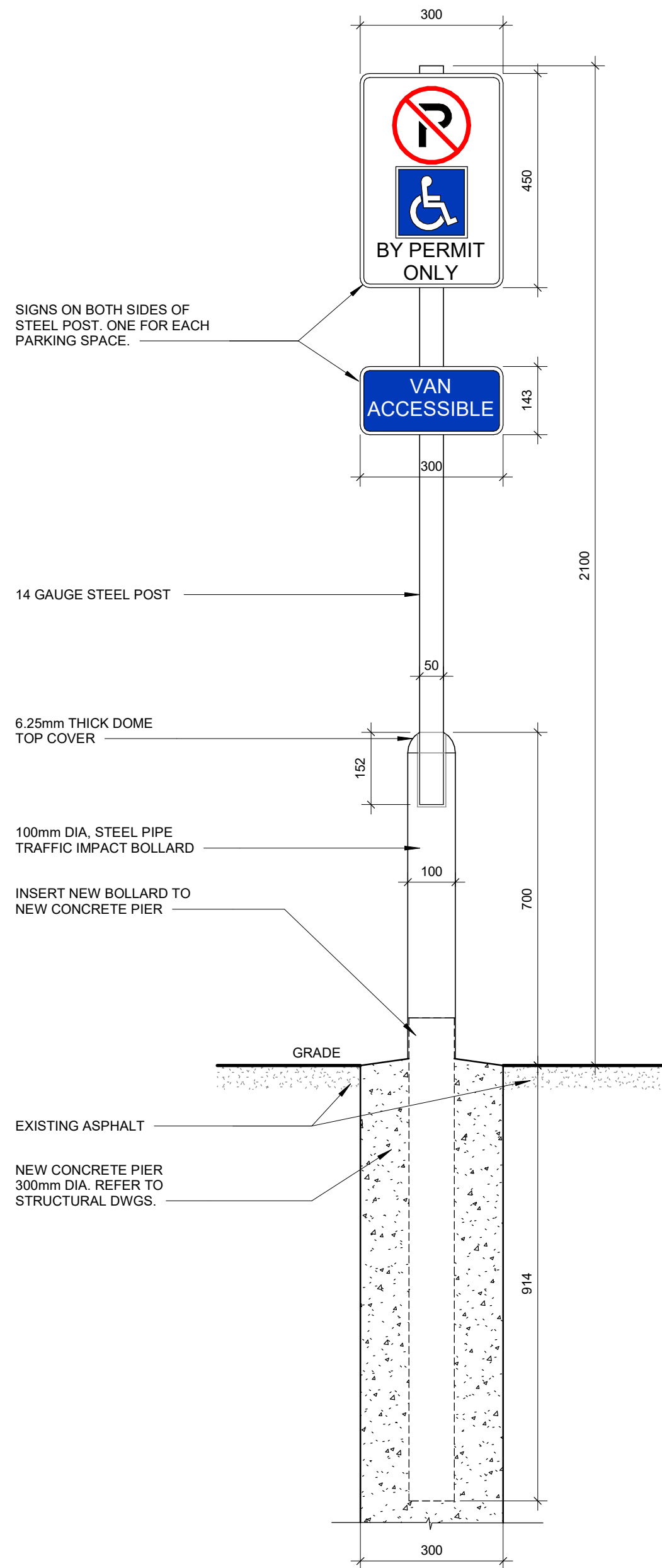
1 SITE PLAN
A1201 Scale: 1 : 250



1 ACCESSIBLE PARKING ENLARGED PLAN
A1202 Scale: 1 : 50



PHOTO 1: EXISTING CURB RAMP. LOCATION OF NEW TACTILE ATTENTION INDICATOR



2 BOLLARD SIGN SYSTEM DETAIL
A1202 Scale: 1 : 10

SITE LEGEND



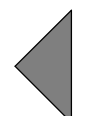
NEW BARRIER FREE PARKING SPACE - REFER TO DETAIL 1/D1701 & 5/D1701



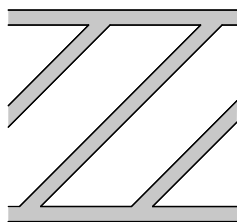
ACCESSIBLE PARKING SIGN ON POST - REFER TO DETAIL 2/D1702



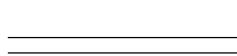
EXISTING MAIN ENTRANCE



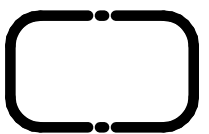
EXISTING EXIT TO REMAIN



NEW PAINTED LINE MARKING DETAIL - REFER TO DETAIL 3/D1701



NEW PAINTED LINE MARKING DETAIL - REFER TO DETAIL 4/D1701



DASHED AREA INDICATES AREA OF WORK

CONSTRUCTION KEY NOTES

NO	DESCRIPTION
A	INSTALL TACTILE ATTENTION INDICATOR AND TACTILE WARNING STRIP - REFER TO TYPICAL DETAILS 1/D1402 AND 1/D1405.

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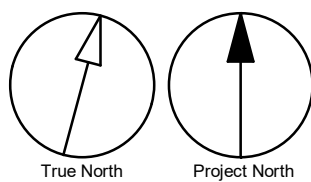
SITE PLAN DETAILS

SHEET NUMBER

G03-017-A1202

ISSUE

D





CONSTRUCTION STAGING LEGEND

STAGE 1

STAGE 2

STAGE 3

STAGE 4

STAGE 5

STAGE 6

EXIT

TRAVEL PATH

- STAGING GENERAL NOTES
- 1

EXISTING FACILITY WILL REMAIN OPERATIONAL DURING CONSTRUCTION. CONSTRUCTION WORK CANNOT IMPACT FACILITY OPERATION WITHOUT FIRST NOTIFYING AND CONSULTING WITH THE OWNER.
- 2

ALL STAGES ARE TO BE COMPLETED IN SEQUENTIAL ORDER.
- 3

IF AN EXIT WILL BE BLOCKED DUE TO CONSTRUCTION, THE GC IS TO PROVIDE A TEMPORARY EXIT LOCATION THAT IS APPROVED BY THE ARCHITECT AND THE FIRE DEPARTMENT. SHOULD THE WORK BE ABLE TO BE COMPLETED OVER THE COURSE OF A WEEKEND OR AFTER HOURS, THE GC IS TO OBTAIN APPROVAL FROM THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.
- 4

IF EXISTING FIRE ALARM SYSTEM NEEDS TO BE TEMPORARILY INTERRUPTED TO COMPLETE THE WORK, A FULL TIME FIRE WATCH SHALL BE PROVIDED.
- 5

CONTRACTOR SHALL ALLOW FOR THE FOLLOWING:
A) TEMPORARY SIGNAGE
B) TEMPORARY ACCESS WITH ACCESSIBLE RAMPS AS REQUIRED BY ONTARIO REGULATION 191/11 80.13.
- 6

ALL STAGING INCLUDES BOTH DEMOLITION AND NEW SCOPE OF WORK.
- 7

PROVIDE AND MODIFY CONSTRUCTION BARRIER/SIGNAGE ETC. TO SUIT SITE CONDITION AND CONSTRUCTION SEQUENCE.
- 8

WORK LISTED IN STAGES IS FOR REFERENCE ONLY. COMPLETE EACH STAGE PER CONTRACT DOCUMENTS BEFORE STARTING THE NEXT STAGE. CONSTRUCTION WORK SHALL NOT AFFECT NORMAL OPERATION OR EXITING OF THE FACILITY.
- 9

KEEP EXITS CLEAR FROM OBSTRUCTIONS DURING CONSTRUCTION.
- 10

FOR ALL OTHER REQUIREMENTS - REFER TO SPECIFICATIONS.

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Toronto

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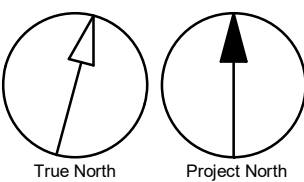
PROJECT MGR:
N. FRISCIC

APPROVED BY:
M. KOTBY

SHEET TITLE

SITE STAGING PLAN

SHEET NUMBER	ISSUE
G03-017-A2001	D



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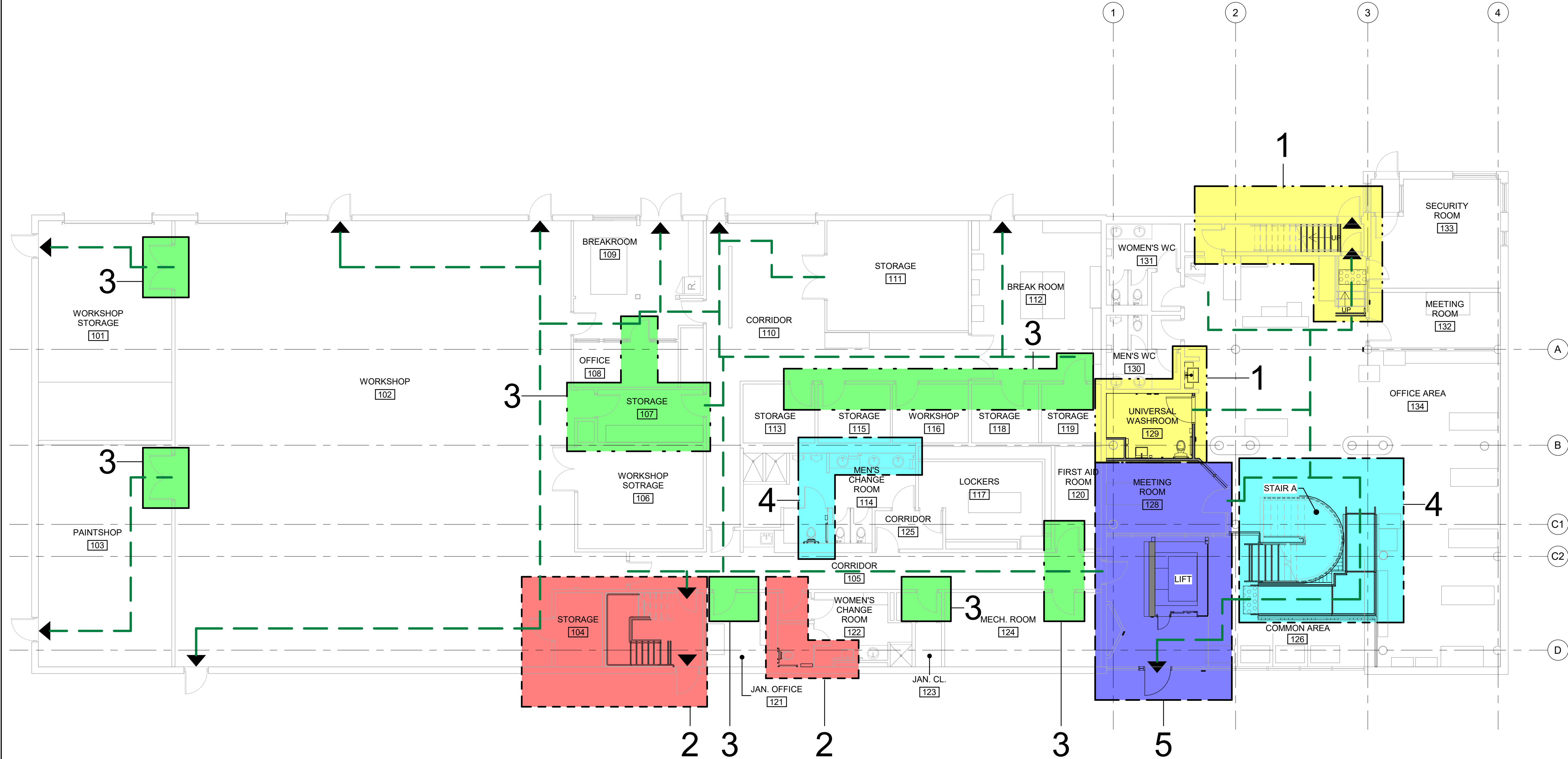
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BM 380/1122260 - COT TAU Upgrades R20201122260-TAU-3-17-1050EL SMR-A-R20.MXD 1/11



CONSTRUCTION STAGING LEGEND

STAGE 1

STAGE 2

STAGE 3

STAGE 4

STAGE 5

STAGE 6

EXIT

TRAVEL PATH

STAGING GENERAL NOTES

1

EXISTING FACILITY WILL REMAIN OPERATIONAL DURING CONSTRUCTION. CONSTRUCTION WORK CANNOT IMPACT FACILITY OPERATION WITHOUT FIRST NOTIFYING AND CONSULTING WITH THE OWNER.

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3

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B) TEMPORARY ACCESS WITH ACCESSIBLE RAMPS AS REQUIRED BY ONTARIO REGULATION 191/11 80.13.

6

ALL STAGING INCLUDES BOTH DEMOLITION AND NEW SCOPE OF WORK.

7

PROVIDE AND MODIFY CONSTRUCTION BARRIER/SIGNAGE ETC. TO SUIT SITE CONDITION AND CONSTRUCTION SEQUENCE.

8

WORK LISTED IN STAGES IS FOR REFERENCE ONLY. COMPLETE EACH STAGE PER CONTRACT DOCUMENTS BEFORE STARTING THE NEXT STAGE. CONSTRUCTION WORK SHALL NOT AFFECT NORMAL OPERATION OR EXITING OF THE FACILITY.

9

KEEP EXITS CLEAR FROM OBSTRUCTIONS DURING CONSTRUCTION.

10

FOR ALL OTHER REQUIREMENTS - REFER TO SPECIFICATIONS.

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C	ISSUED FOR PERMIT	2022-07-29
D	ISSUED FOR TENDER	2022-09-27

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PRIME CONSULTANT

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PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

ELLESMERE YARD,
BUILDING D
1050 ELLESMERE RD

PROJECT NO:
122260

DRAWN BY: A. BOYNARIAN	CHECKED BY: K. TILAHUN
PROJECT MGR: N. FRISCIC	APPROVED BY: M. KOTBY

SHEET TITLE

FIRST FLOOR STAGING &
EXITING PLAN

SHEET NUMBER	ISSUE
G03-017-A2011	D

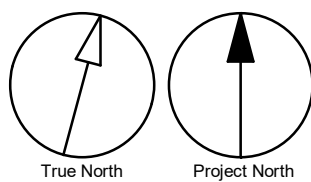
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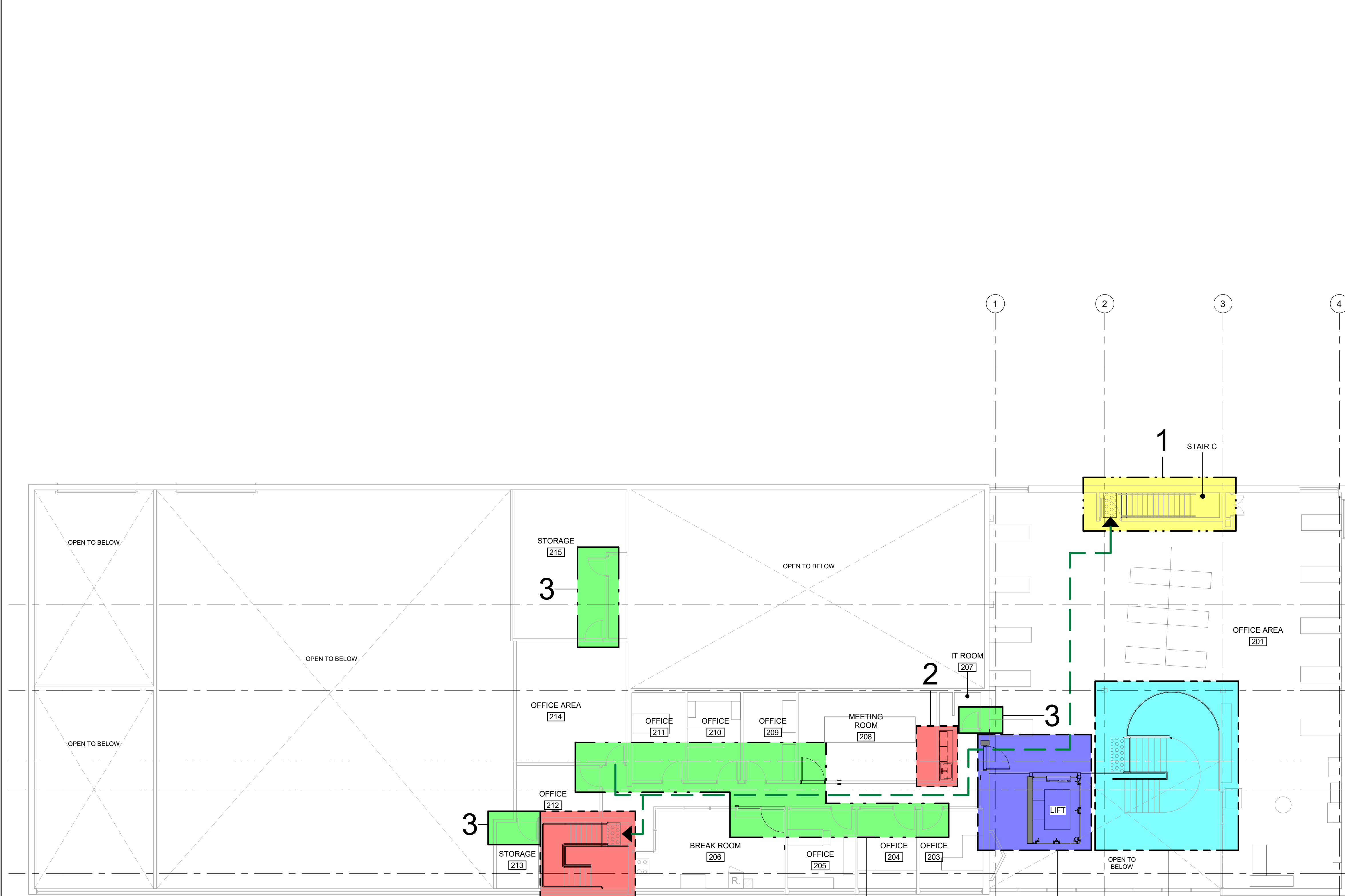
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BIM 360/122260 - CoT TAU Upgrades R2020122260-TAU-3-17-050ELSMR-A-R20.rvt



CONSTRUCTION STAGING LEGEND

STAGE 1

STAGE 2

STAGE 3

STAGE 4

STAGE 5

STAGE 6

EXIT

TRAVEL PATH

STAGING GENERAL NOTES

1

EXISTING FACILITY WILL REMAIN OPERATIONAL DURING CONSTRUCTION. CONSTRUCTION WORK CANNOT IMPACT FACILITY OPERATION WITHOUT FIRST NOTIFYING AND CONSULTING WITH THE OWNER.

2

ALL STAGES ARE TO BE COMPLETED IN SEQUENTIAL ORDER.

3

IF AN EXIT WILL BE BLOCKED DUE TO CONSTRUCTION, THE GC IS TO PROVIDE A TEMPORARY EXIT LOCATION THAT IS APPROVED BY THE ARCHITECT AND THE FIRE DEPARTMENT. SHOULD THE WORK BE ABLE TO BE COMPLETED OVER THE COURSE OF A WEEKEND OR AFTER HOURS, THE GC IS TO OBTAIN APPROVAL FROM THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.

4

IF EXISTING FIRE ALARM SYSTEM NEEDS TO BE TEMPORARILY INTERRUPTED TO COMPLETE THE WORK, A FULL TIME FIRE WATCH SHALL BE PROVIDED.

5

CONTRACTOR SHALL ALLOW FOR THE FOLLOWING:
A) TEMPORARY SIGNAGE
B) TEMPORARY ACCESS WITH ACCESSIBLE RAMPS AS REQUIRED BY ONTARIO REGULATION 191/11 80.13.

6

ALL STAGING INCLUDES BOTH DEMOLITION AND NEW SCOPE OF WORK.

7

PROVIDE AND MODIFY CONSTRUCTION BARRIER/SIGNAGE ETC. TO SUIT SITE CONDITION AND CONSTRUCTION SEQUENCE.

8

WORK LISTED IN STAGES IS FOR REFERENCE ONLY. COMPLETE EACH STAGE PER CONTRACT DOCUMENTS BEFORE STARTING THE NEXT STAGE. CONSTRUCTION WORK SHALL NOT AFFECT NORMAL OPERATION OR EXITING OF THE FACILITY.

9

KEEP EXITS CLEAR FROM OBSTRUCTIONS DURING CONSTRUCTION.

10

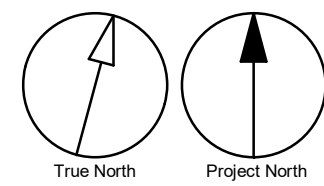
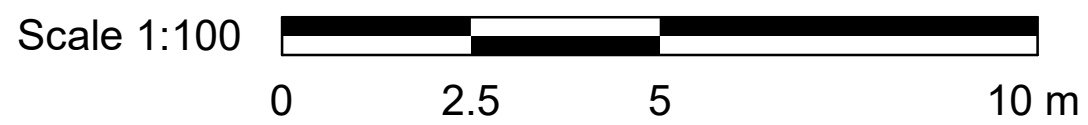
FOR ALL OTHER REQUIREMENTS - REFER TO SPECIFICATIONS.

1

SECOND FLOOR STAIGING & EXITING PLAN

A2021

Scale: 1 : 100



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ACCESSIBILITY UPGRADES

PROJECT ADDRESS

ELLESMERE YARD,
BUILDING D
1050 ELLESMERE RD

PROJECT NO:
122260

DRAWN BY:
A. BOYNARIAN

CHECKED BY:
K. TILAHUN

PROJECT MGR:
N. FRISCIC

APPROVED BY:
M. KOTBY

SHEET TITLE

SECOND FLOOR
STAGING & EXITING
PLAN

SHEET NUMBER
G03-017-A2021

ISSUE
D



PHOTO 1: COMMON AREA 126 VESTIBULE 127 - LOCATION OF NEW ELEVATOR



PHOTO 2: DEMOLISH EXISTING VESTIBULE 127

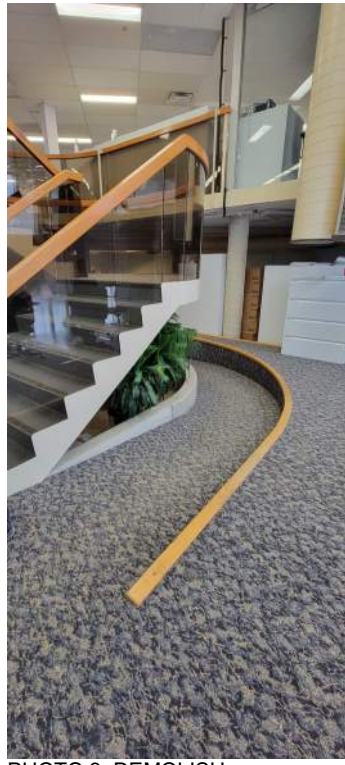


PHOTO 3: DEMOLISH INTERIOR RAMP, REMOVE CARPET AND WOOD TRIM



PHOTO 4: DEMOLISH INTERIOR RAMP, REMOVE CARPET AND WOOD TRIM



PHOTO 5: REMOVE EXISTING GRAB BARS AND TPD AT MEN'S CHANGEROOM 114



PHOTO 6: EXISTING LAVATORY TO REMAIN INSULATE EXISTING PIPES AT MEN'S CHANGEROOM 114



PHOTO 7: REMOVE EXISTING GRAB BARS AND TPD AT WOMEN'S CHANGEROOM 122



PHOTO 8: EXISTING LAVATORY TO REMAIN INSULATE EXISTING PIPES AT WOMEN'S CHANGEROOM 122

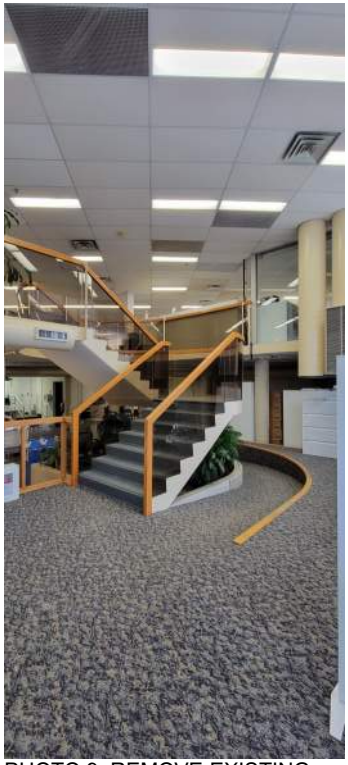


PHOTO 9: REMOVE EXISTING GUARDRAIL/HANDRAIL AND TEXTURAL WARNING STRIPS (STAIR A)

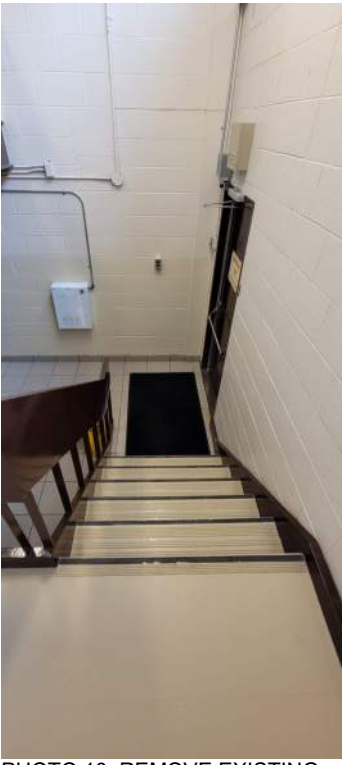


PHOTO 10: REMOVE EXISTING GUARDRAIL/HANDRAIL AND TEXTURAL WARNING STRIPS (STAIR B)

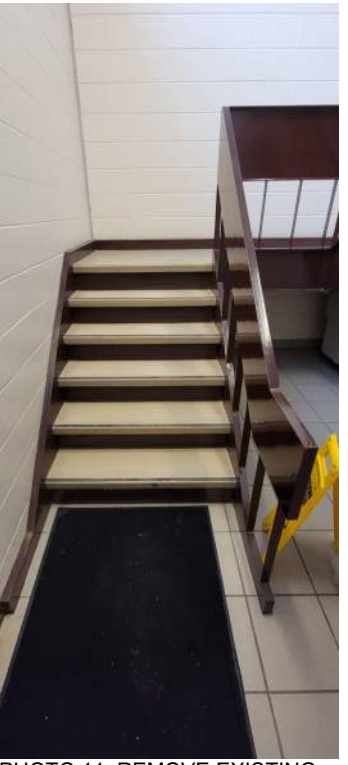


PHOTO 11: REMOVE EXISTING GUARDRAIL/HANDRAIL AND TEXTURAL WARNING STRIPS (STAIR B)



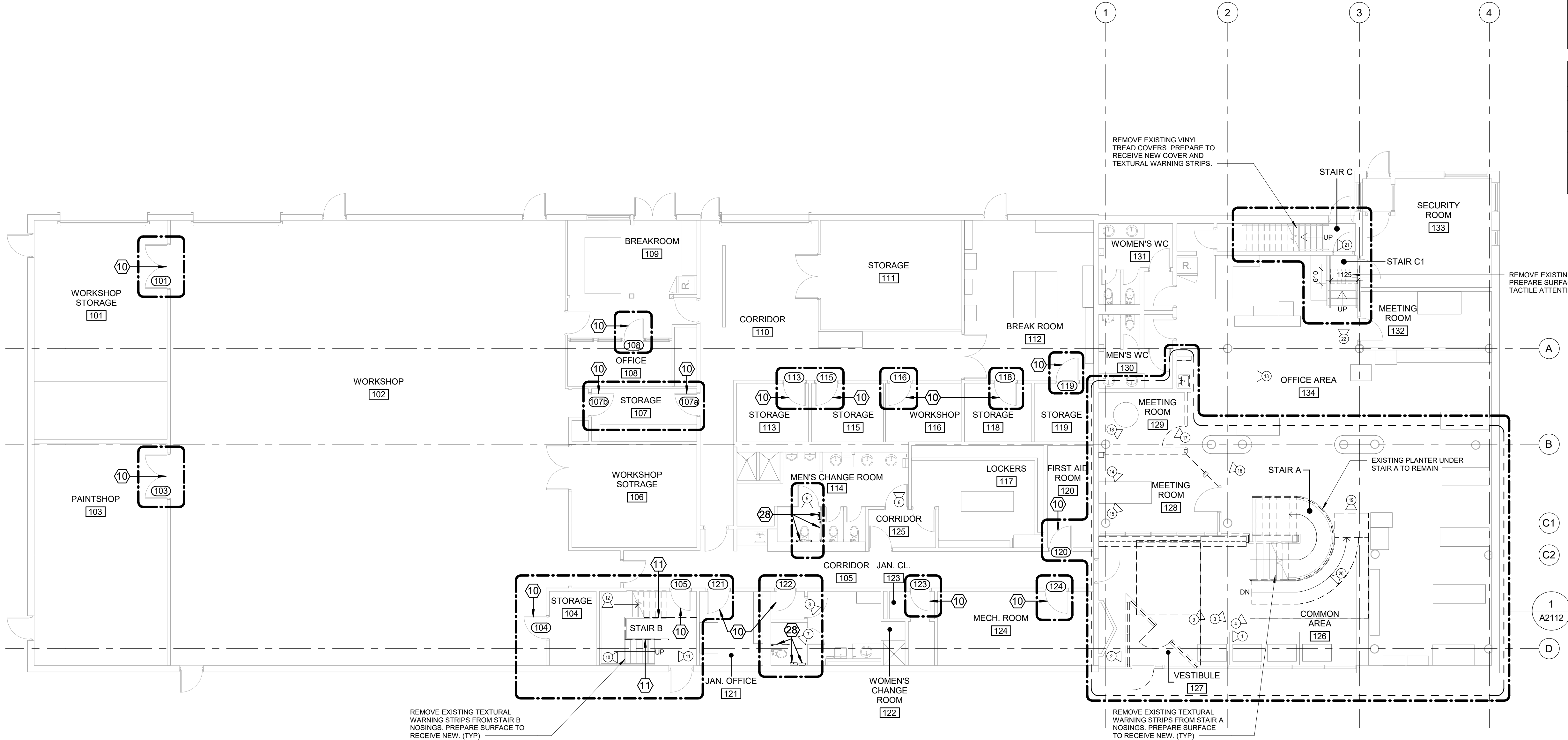
PHOTO 12: REMOVE EXISTING GUARDRAIL/HANDRAIL AND TEXTURAL WARNING STRIPS (STAIR B)

DEMOLITION KEY LEGEND

- EXISTING TO BE DEMOLISHED
- EXISTING INTERIOR PARTITION TO BE DEMOLISHED
- EXISTING EXTERIOR WALL TO REMAIN
- EXISTING PARTITION TO REMAIN
- EXISTING DOOR, FRAME, AND ASSOCIATED HARDWARE TO BE REMOVED
- EXISTING DOOR TO REMAIN
- DASHED AREA INDICATES AREA OF WORK

DEMOLITION KEY NOTES

NO	DESCRIPTION
10	REMOVE EXISTING DOOR HARDWARE AS INDICATED IN DOOR SCHEDULE A9001 AND HARDWARE SCHEDULE WITHIN SPECIFICATIONS.
11	REMOVE EXISTING GUARDRAIL, HANDRAIL AND/OR HANDRAIL POST BASE. REPAIR AND MAKE GOOD ALL SURFACES.
28	REMOVE EXISTING WASHROOM ACCESSORIES AND PREPARE WALL SURFACE FOR NEW ACCESSORIES. PATCH, REPAIR AND MAKE GOOD EXISTING WALL AND WALL FINISHES.



REMOVE EXISTING TEXTURAL WARNING STRIPS FROM STAIR B NOSINGS. PREPARE SURFACE TO RECEIVE NEW. (TYP)

REMOVE EXISTING TEXTURAL WARNING STRIPS FROM STAIR A NOSINGS. PREPARE SURFACE TO RECEIVE NEW. (TYP)



PHOTO 13: DEMOLISH EXISTING KITCHENETTE 134



PHOTO 14: MEETING ROOM 128



PHOTO 15: DEMOLISH EXISTING WOOD FRAME AND GLAZING AT MEETING ROOM 128



PHOTO 16: EXISTING MEETING ROOM 129, LOCATION OF NEW UNIVERSAL WASHROOM 129



PHOTO 17: EXISTING MEETING ROOM 129, LOCATION OF NEW UNIVERSAL WASHROOM 129



PHOTO 18: EXISTING MEETING ROOM 129, LOCATION OF NEW UNIVERSAL WASHROOM 129

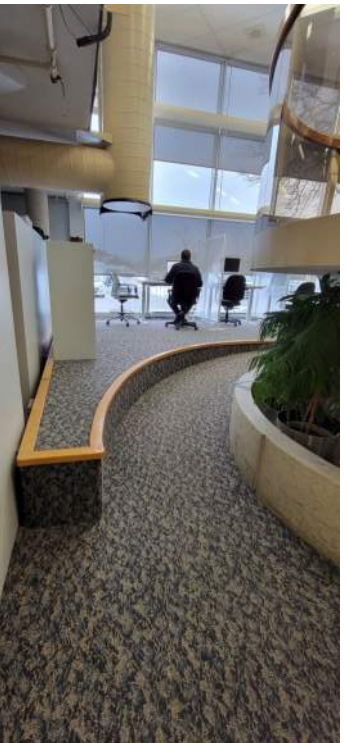


PHOTO 19: DEMOLISH INTERIOR RAMP, REMOVE CARPET AND WOOD TRIM



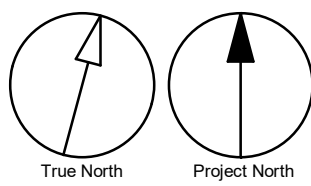
PHOTO 20: DEMOLISH INTERIOR RAMP, REMOVE CARPET AND WOOD TRIM



PHOTO 21: STAIR C, INSTALL NEW TEXTURAL WARNING STRIPS AND TACTILE ATTENTION INDICATORS



PHOTO 22: STAIR C1, INSTALL NEW TEXTURAL WARNING STRIPS AND TACTILE ATTENTION INDICATORS



Scale 1:100
0 2.5 5 10 m

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PROJECT TITLE
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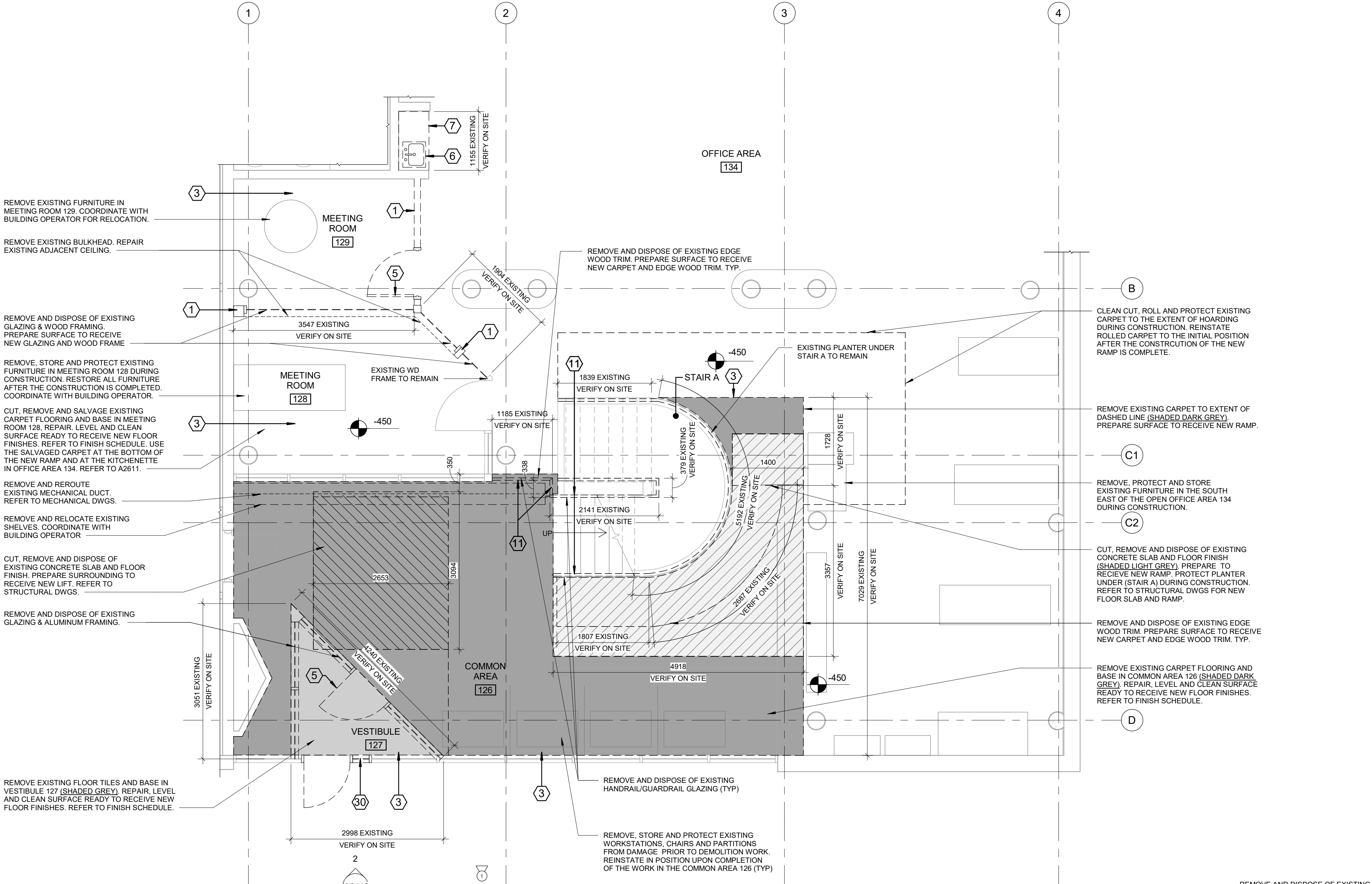
PROJECT ADDRESS
**ELLESMERE YARD,
BUILDING D
1050 ELLESMERE RD**

PROJECT NO:
122260
DRAWN BY:
A. BOYNARIAN
PROJECT MGR:
N. FRISCIC
CHECKED BY:
K. TILAHUN
APPROVED BY:
M. KOTBY

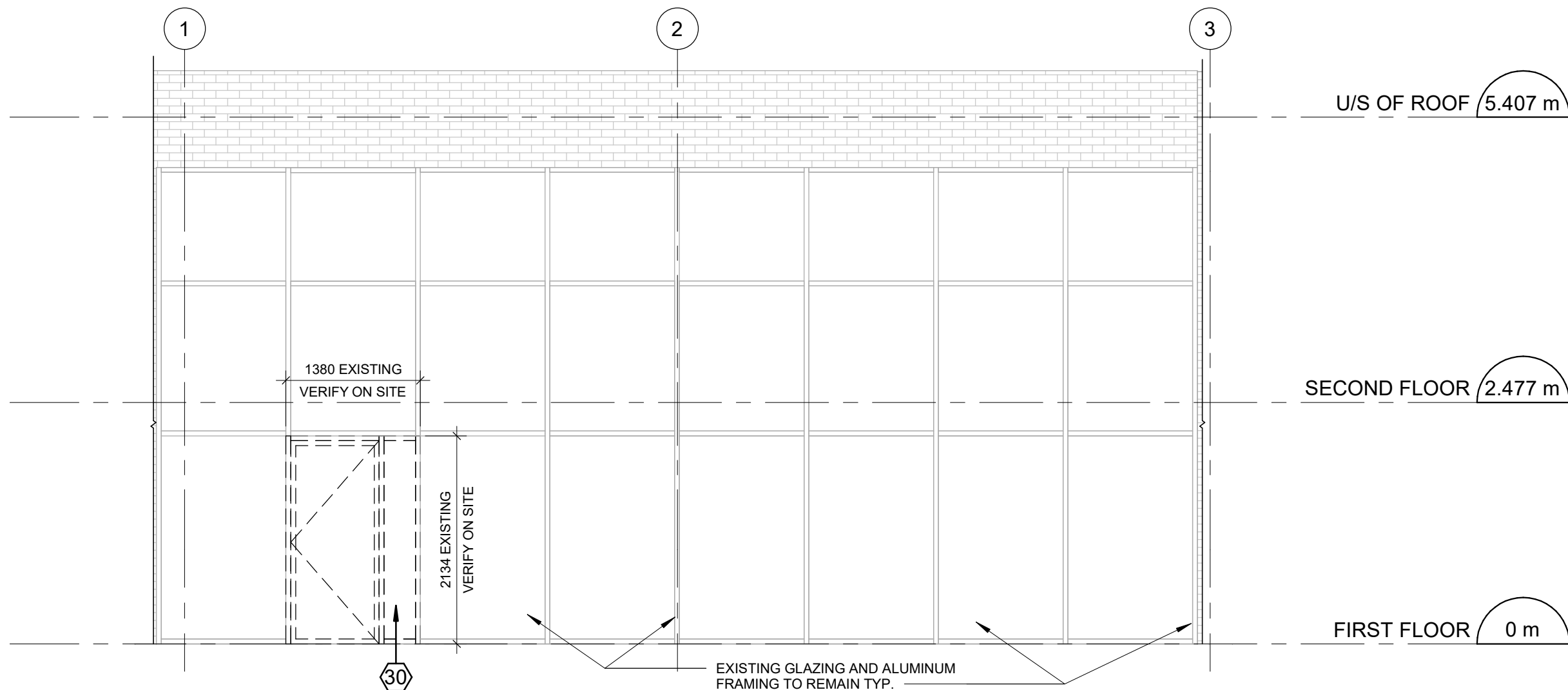
SHEET TITLE
**FIRST FLOOR
DEMOLITION PLAN**

SHEET NUMBER
G03-017-A2111
ISSUE
D

BIM 360/1122260 - CoT TAU Upgrades R2020122260-TAU-3-17-1050ELSMR-A-R20-INT 1/11



1 FIRST FLOOR DEMOLITION - ENLARGED PLAN
A2112 Scale: 1 : 50



2 MAIN ENTRANCE - SOUTH DEMOLITION PARTIAL ELEVATION
A2112 Scale: 1 : 50

DEMOLITION KEY LEGEND

- EXISTING TO BE DEMOLISHED
- EXISTING INTERIOR PARTITION TO BE DEMOLISHED
- EXISTING EXTERIOR WALL TO REMAIN
- EXISTING PARTITION TO REMAIN
- EXISTING DOOR, FRAME, AND ASSOCIATED HARDWARE TO BE REMOVED
- EXISTING DOOR TO REMAIN
- DASHED AREA INDICATES AREA OF WORK

DEMOLITION KEY NOTES

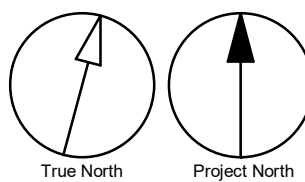
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1	REMOVE EXISTING WALL AND/OR COLUMN ENCLOSURE INCLUDING BUT NOT LIMITED TO TILE, CORNER GUARDS, METAL PANELS, WALL MOUNTED FIXTURES AND FINISHES AS INDICATED. PROVIDE SMOOTH TRANSITION BETWEEN SURFACES AT LOCATION OF DEMOLISHED AREA.
3	REMOVE EXISTING FLOORING AND BASE. REMOVE EXISTING TILE FLOORING TO CLOSEST FULL TILE OR TO EXTENT SHOWN. REPAIR, LEVEL AND CLEAN SURFACE READY TO RECEIVE NEW FLOOR FINISHES. REFER TO FINISH SCHEDULE.
5	REMOVE EXISTING DOOR AND FRAME. CUT PARTITION TO ACCOMMODATE NEW DOOR AND FRAME. REPAIR ADJACENT AFFECTED WALL SURFACES. REFER TO DETAIL D1002 AND 1/D2300.
6	REMOVE EXISTING PLUMBING FIXTURES AND WASHROOM ACCESSORIES, CAP PLUMBING PIPES.
7	REMOVE EXISTING MILLWORK.
11	REMOVE EXISTING GUARDRAIL, HANDRAIL AND/OR HANDRAIL POST BASE. REPAIR AND MAKE GOOD ALL SURFACES.
30	REMOVE CURTAIN WALL, GLAZING, EXTERIOR DOOR AND HARDWARE.



PHOTO 2: DEMOLISH EXISTING EDGE WOOD TRIM TYP.



PHOTO 1: MAIN ENTRANCE. DEMOLISH EXTERIOR DOOR, GLAZING AND ALUMINUM FRAMING TO THE EXTENT SHOWN ON 1/A2112 AND 2/A2112



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KEYPLAN

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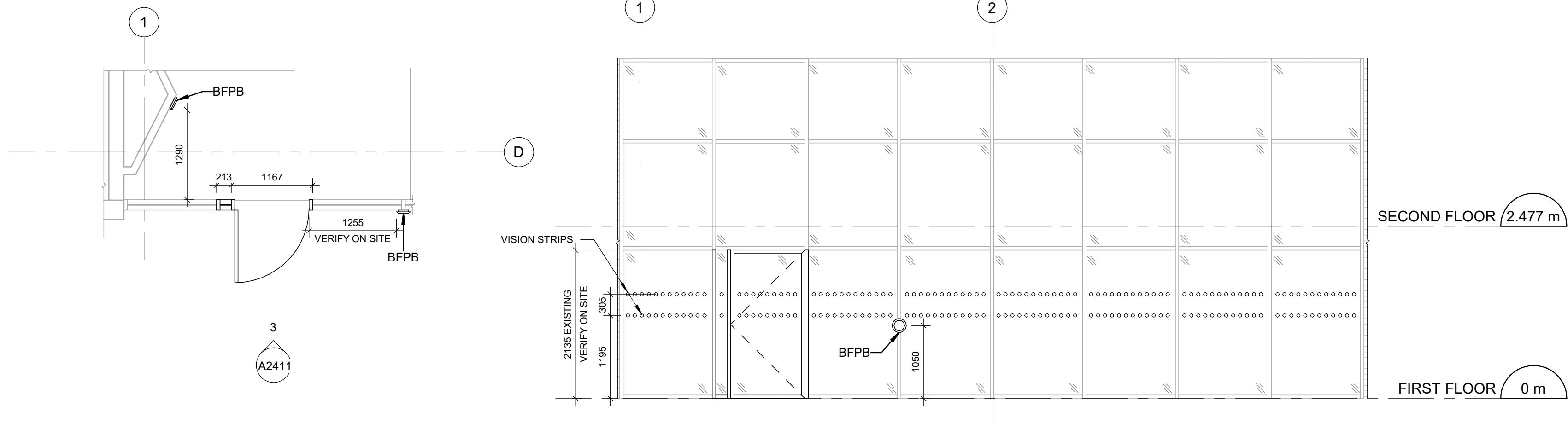
PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**ELLESMERE YARD,
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1050 ELLESMERE RD**

PROJECT NO:
122260
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A. BOYNARIAN
PROJECT MGR:
N. FRISIC
CHECKED BY:
K. TILAHUN
APPROVED BY:
M. KOTBY

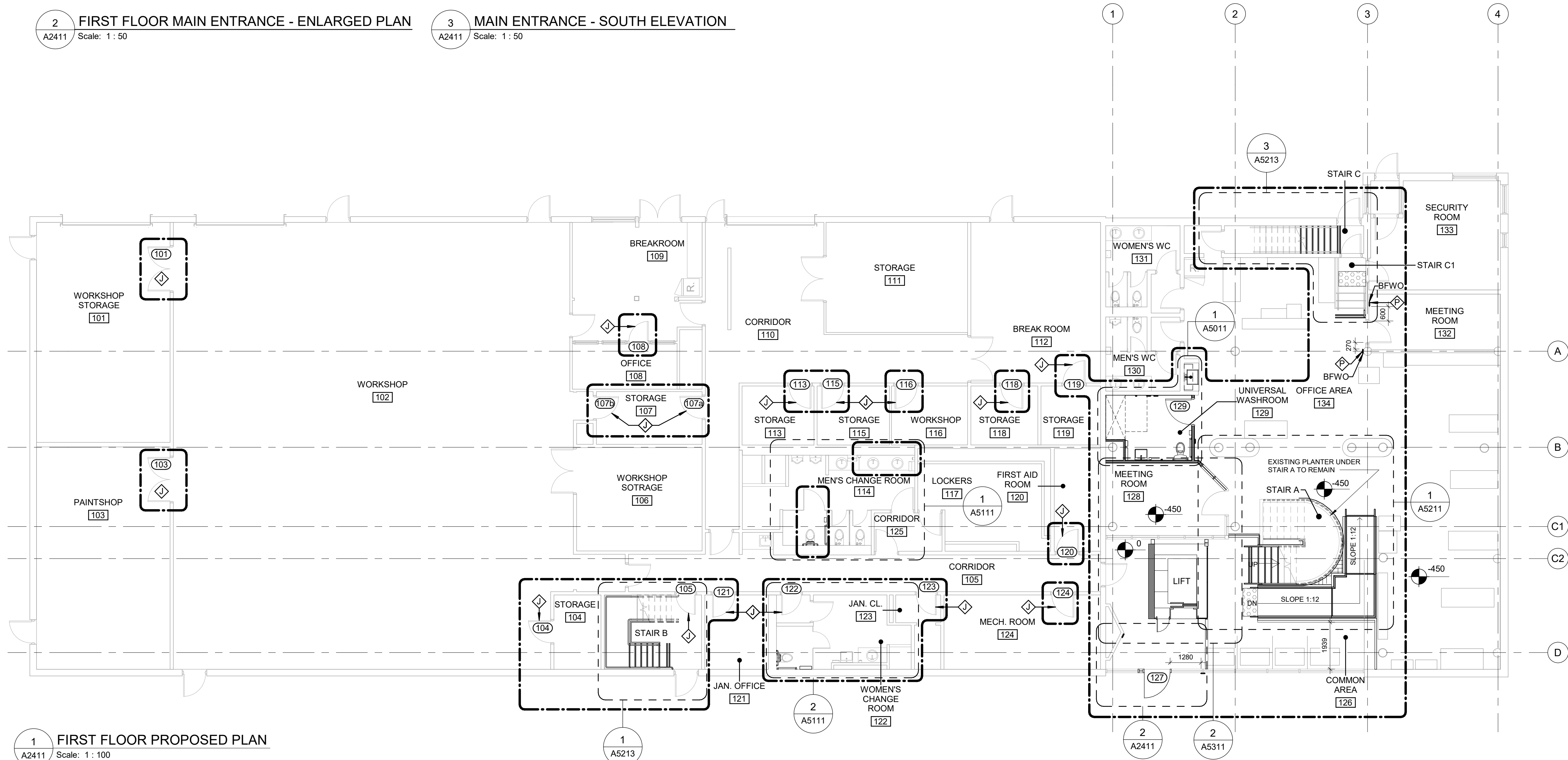
SHEET TITLE
**FIRST FLOOR ENLARGED
DEMOLITION PLAN**

SHEET NUMBER
G03-017-A2112
ISSUE
D



2 FIRST FLOOR MAIN ENTRANCE - ENLARGED PLAN
A2411 Scale: 1 : 50

3 MAIN ENTRANCE - SOUTH ELEVATION
A2411 Scale: 1 : 50



1 FIRST FLOOR PROPOSED PLAN
A2411 Scale: 1 : 100

CONSTRUCTION KEY LEGEND

- EXISTING EXTERIOR WALL TO REMAIN
- EXISTING PARTITION TO REMAIN
- NEW EXTERIOR WALL
REFER TO WALL SCHEDULE
- NEW PARTITION
REFER TO PARTITION SCHEDULE
- EXISTING DOOR TO REMAIN
- NEW DOOR AND/ OR
NEW HARDWARE
- DASHED AREA INDICATES
AREA OF WORK

CONSTRUCTION GENERAL NOTES

- 1 REPAINT ENTIRE WALL AFTER WALL-MOUNTED HANDRAIL REPLACEMENT - UNLESS OTHERWISE NOTED. COLOUR AND FINISH TO MATCH EXISTING.

CONSTRUCTION KEY NOTES

- J EXISTING DOOR TO REMAIN. DOOR HARDWARE TO BE CHANGED AS PER DOOR SCHEDULE ON A9001 AND DOOR HARDWARE SCHEDULE IN THE SPECIFICATIONS.
- P NEW CARD READER, BFPB AND BFWO - REFER TO ELECTRICAL DRAWINGS. FOR MOUNTING HEIGHT REFER TO 5/D1001.

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CHECKED BY:

K. TILAHUN

PROJECT MGR:

N. FRISCIC

APPROVED BY:

M. KOTBY

SHEET TITLE

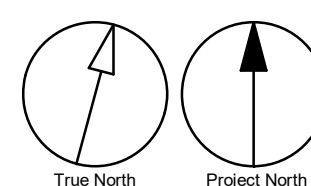
**FIRST FLOOR
PROPOSED PLAN**

SHEET NUMBER

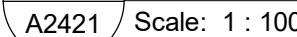
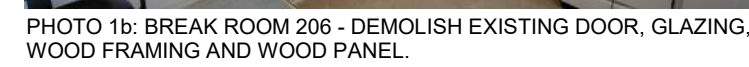
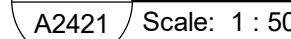
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ISSUE

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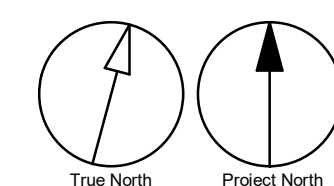


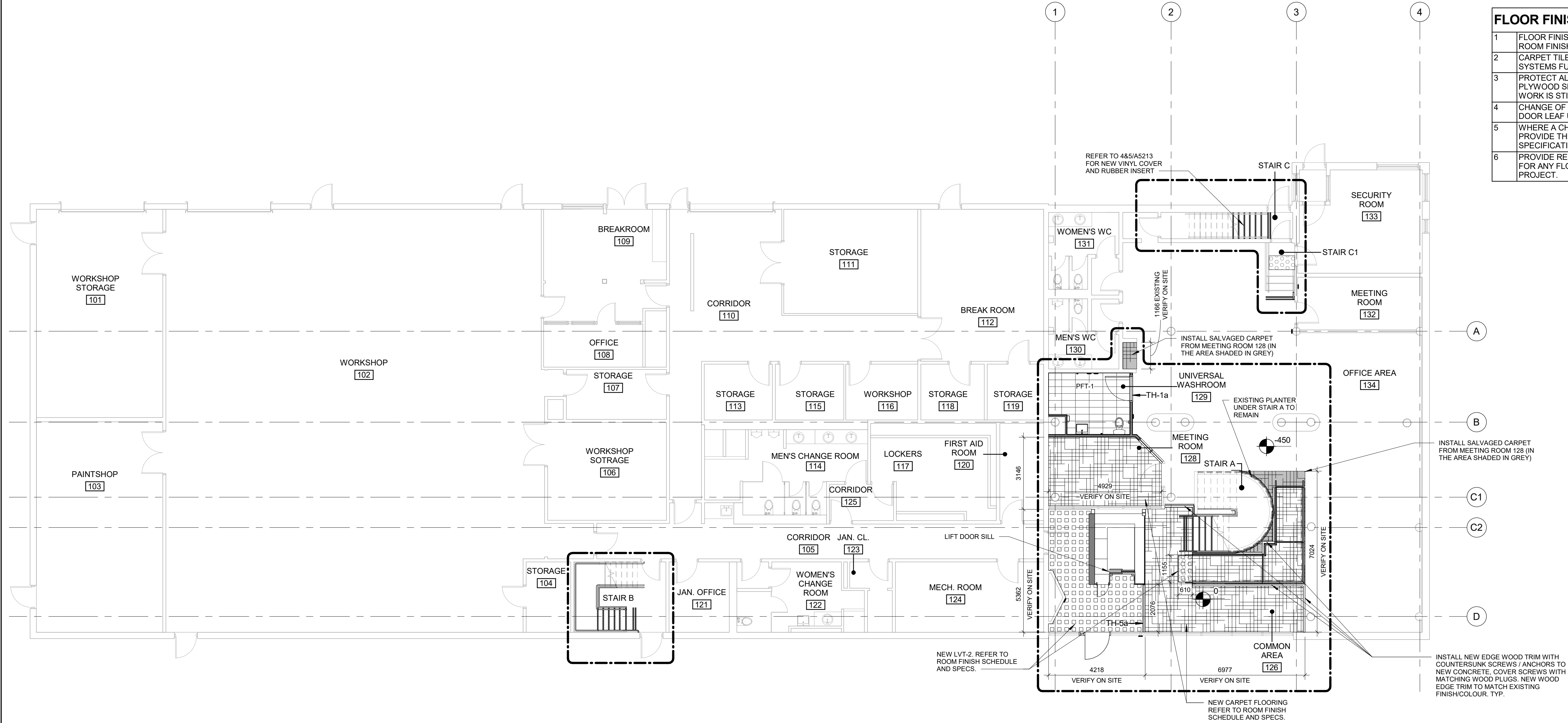
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D





FLOOR FINISHES LEGEND

- VINYL COMPOSITE TILE
- CARPET TILE
- PORCELAIN TILE
- FLOOR FINISH TO MATCH EXISTING
REFER TO ROOM FINISH SCHEDULE
- DASHED AREA INDICATES
AREA OF WORK

FLOOR FINISH GENERAL NOTES

- FLOOR FINISH PLANS TO BE READ IN CONJUNCTION WITH ROOM FINISH SCHEDULE AND SPECIFICATIONS.
- CARPET TILE TO BE INSTALLED PRIOR TO INSTALLATION OF SYSTEMS FURNITURE.
- PROTECT ALL NEW AND EXISTING FLOOR FINISHES WITH PLYWOOD SHEETS ANYWHERE OTHER CONSTRUCTION WORK IS STILL ONGOING.
- CHANGE OF FLOORING MATERIAL TO OCCUR BELOW THE DOOR LEAF UNLESS OTHERWISE INDICATED.
- WHERE A CHANGE OF MATERIAL THICKNESS OCCURS, PROVIDE THRESHOLD AS PER DETAILS AND SPECIFICATIONS.
- PROVIDE REPLACEMENT FLOOR FINISH TO MATCH EXISTING FOR ANY FLOORING DAMAGED DUE TO WORK OF THIS PROJECT.

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PROJECT MGR:
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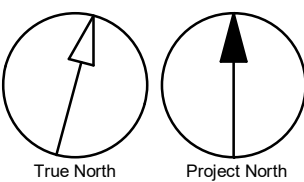
SHEET TITLE
**FIRST FLOOR - FLOOR
FINISH PLAN**

SHEET NUMBER

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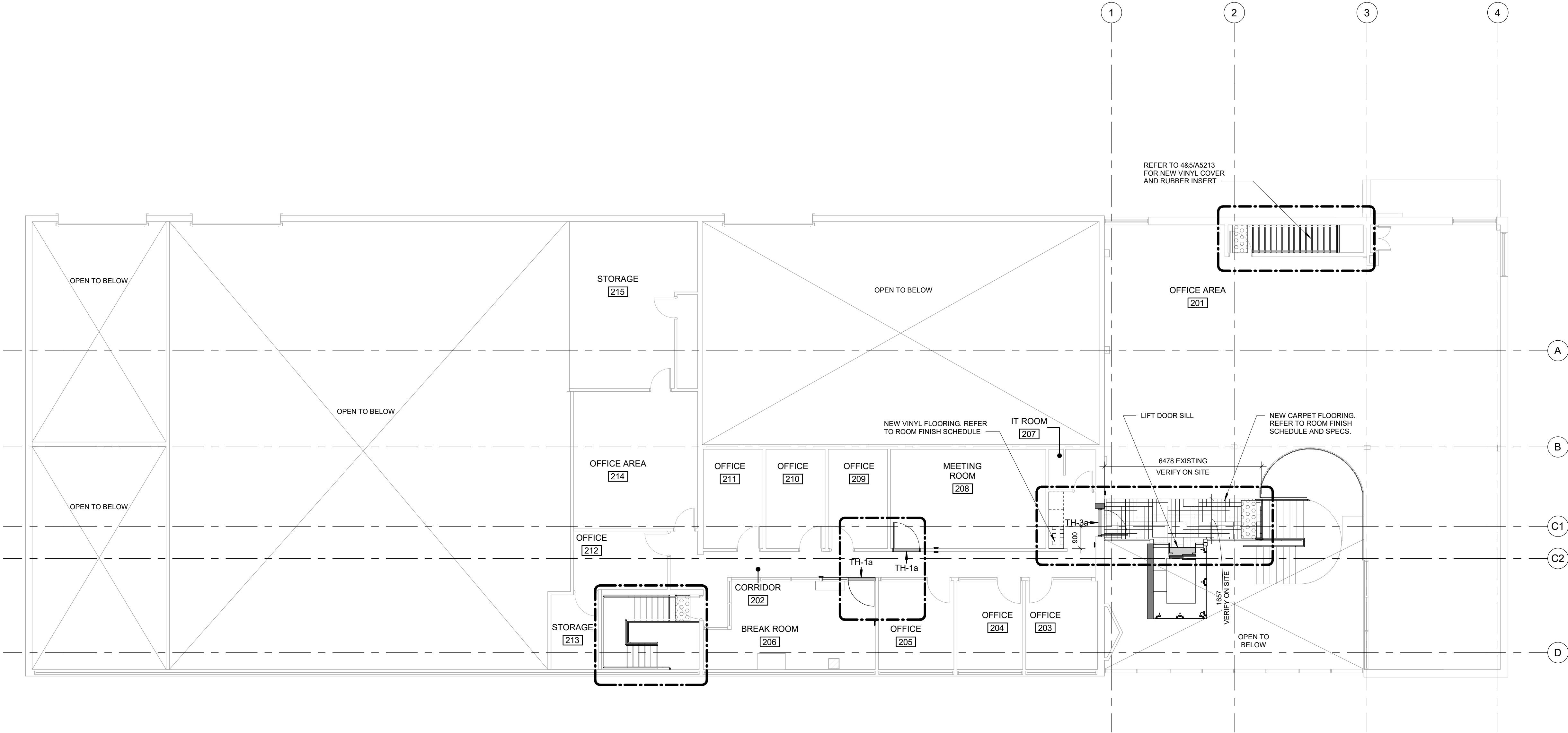
ISSUE

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FLOOR FINISHES LEGEND

	VINYL COMPOSITE TILE
	CARPET TILE
	PORCELAIN TILE
	FLOOR FINISH TO MATCH EXISTING REFER TO ROOM FINISH SCHEDULE
	DASHED AREA INDICATES AREA OF WORK

FLOOR FINISH GENERAL NOTES

1	FLOOR FINISH PLANS TO BE READ IN CONJUNCTION WITH ROOM FINISH SCHEDULE AND SPECIFICATIONS.
2	CARPET TILE TO BE INSTALLED PRIOR TO INSTALLATION OF SYSTEMS FURNITURE.
3	PROTECT ALL NEW AND EXISTING FLOOR FINISHES WITH PLYWOOD SHEETS ANYWHERE OTHER CONSTRUCTION WORK IS STILL ONGOING.
4	CHANGE OF FLOORING MATERIAL TO OCCUR BELOW THE DOOR LEAF UNLESS OTHERWISE INDICATED.
5	WHERE A CHANGE OF MATERIAL THICKNESS OCCURS, PROVIDE THRESHOLD AS PER DETAILS AND SPECIFICATIONS.
6	PROVIDE REPLACEMENT FLOOR FINISH TO MATCH EXISTING FOR ANY FLOORING DAMAGED DUE TO WORK OF THIS PROJECT.

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PROJECT TITLE

**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

**ELLESMERE YARD,
BUILDING D
1050 ELLESMERE RD**

PROJECT NO:
122260

DRAWN BY:

A. BOYNARIAN

CHECKED BY:

K. TILAHUN

PROJECT MGR:

N. FRISCIC

APPROVED BY:

M. KOTBY

SHEET TITLE

**SECOND FLOOR - FLOOR
FINISH PLAN**

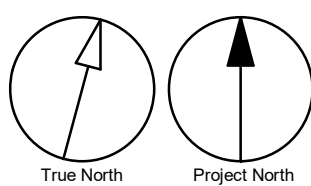
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G03-017-A2621

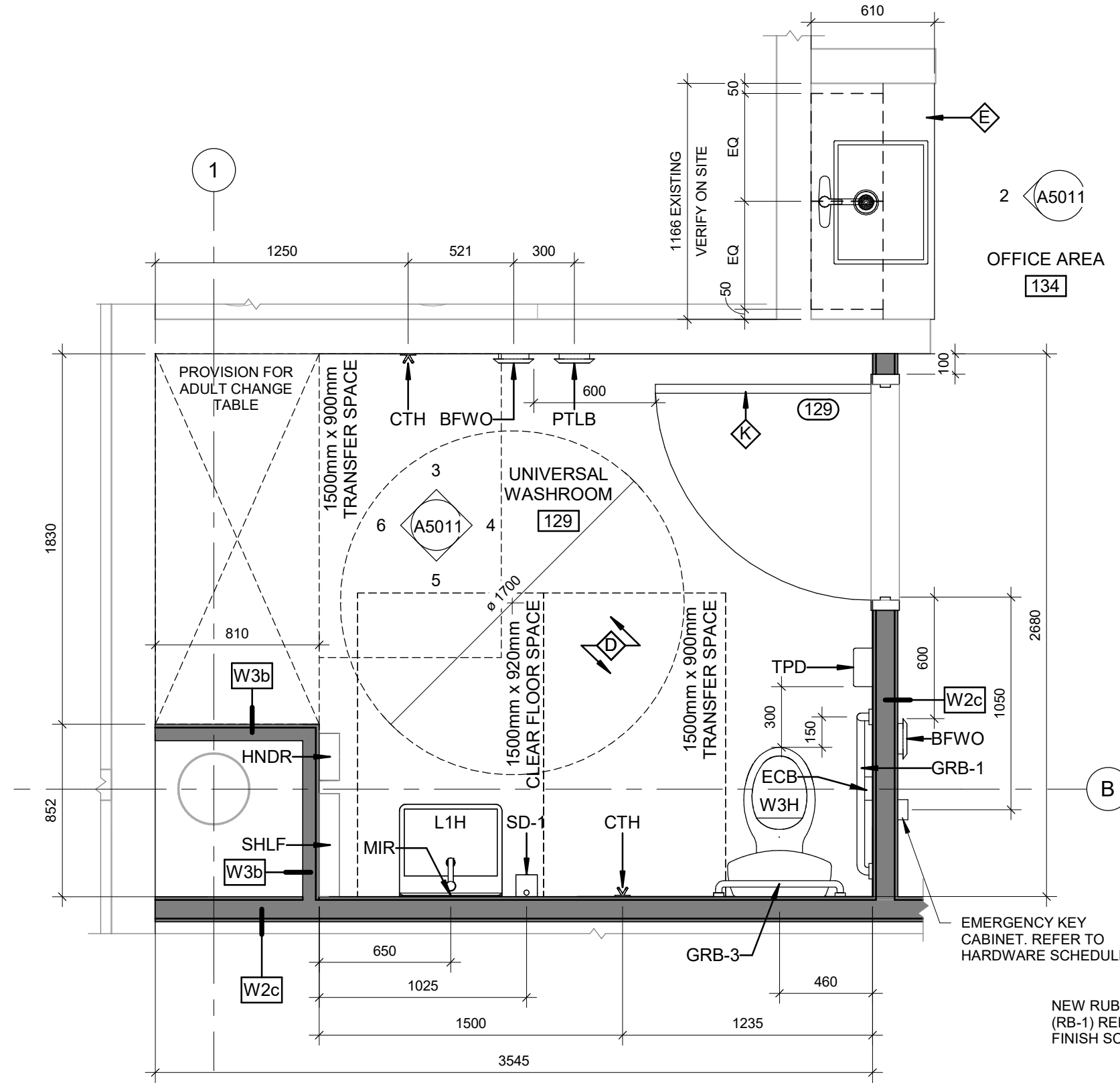
ISSUE

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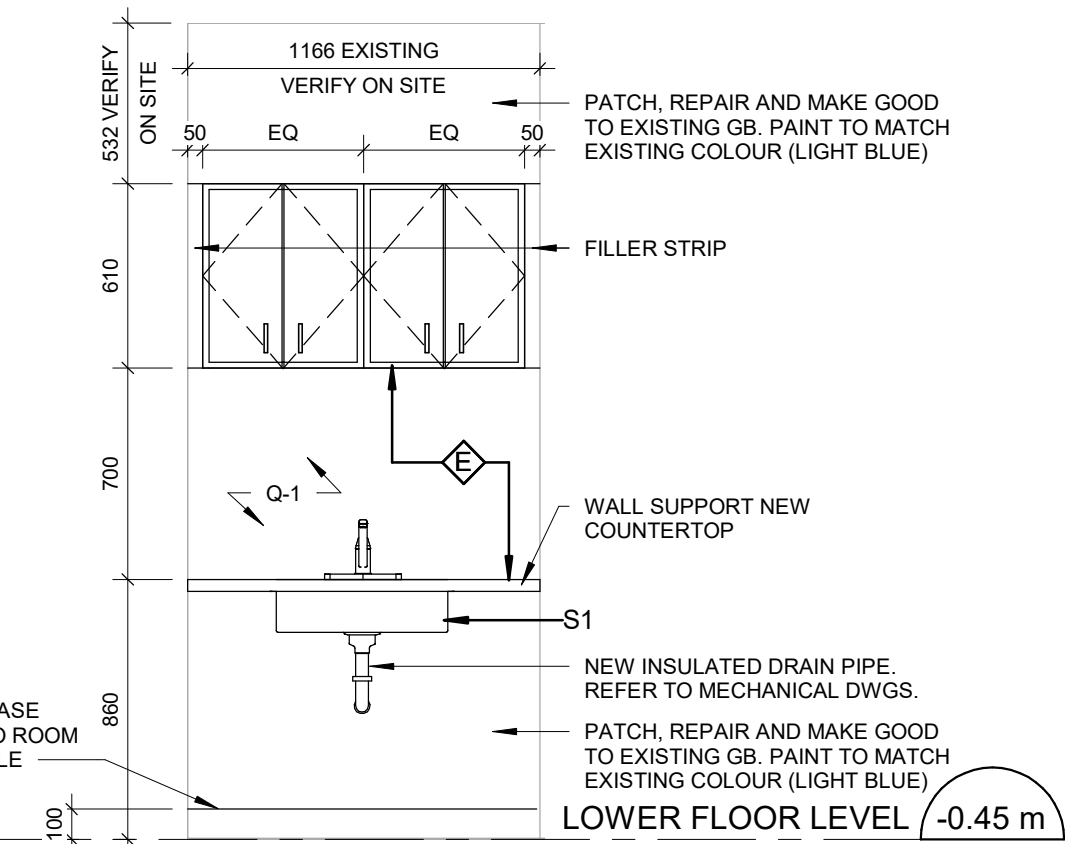
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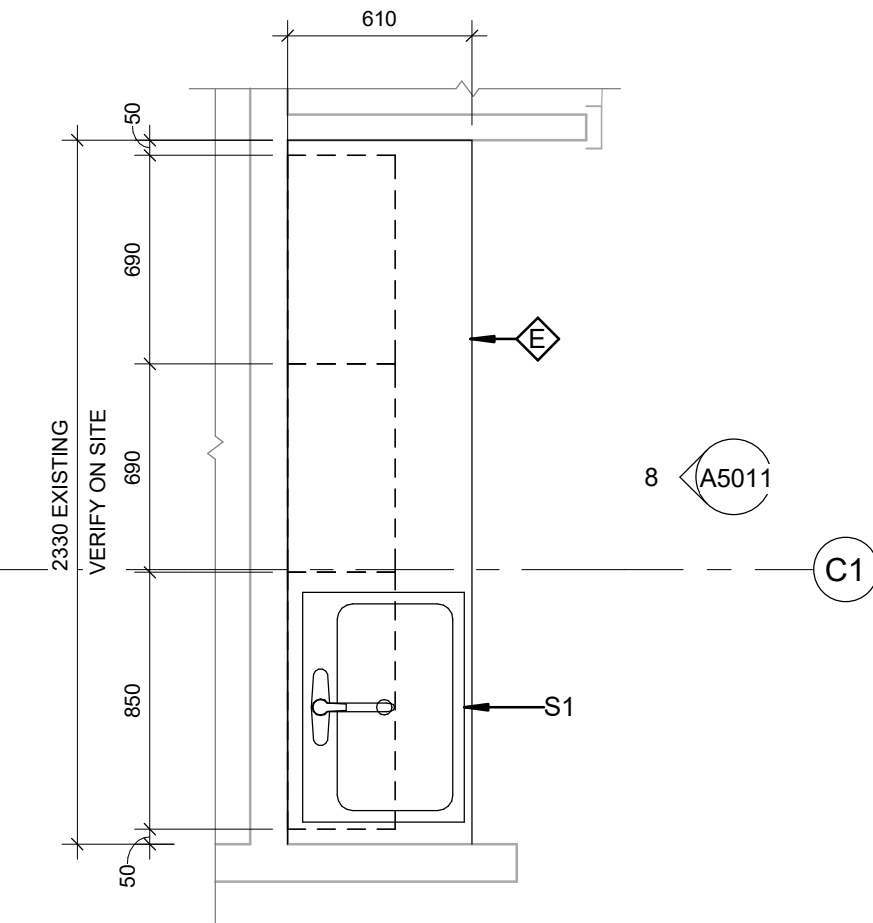
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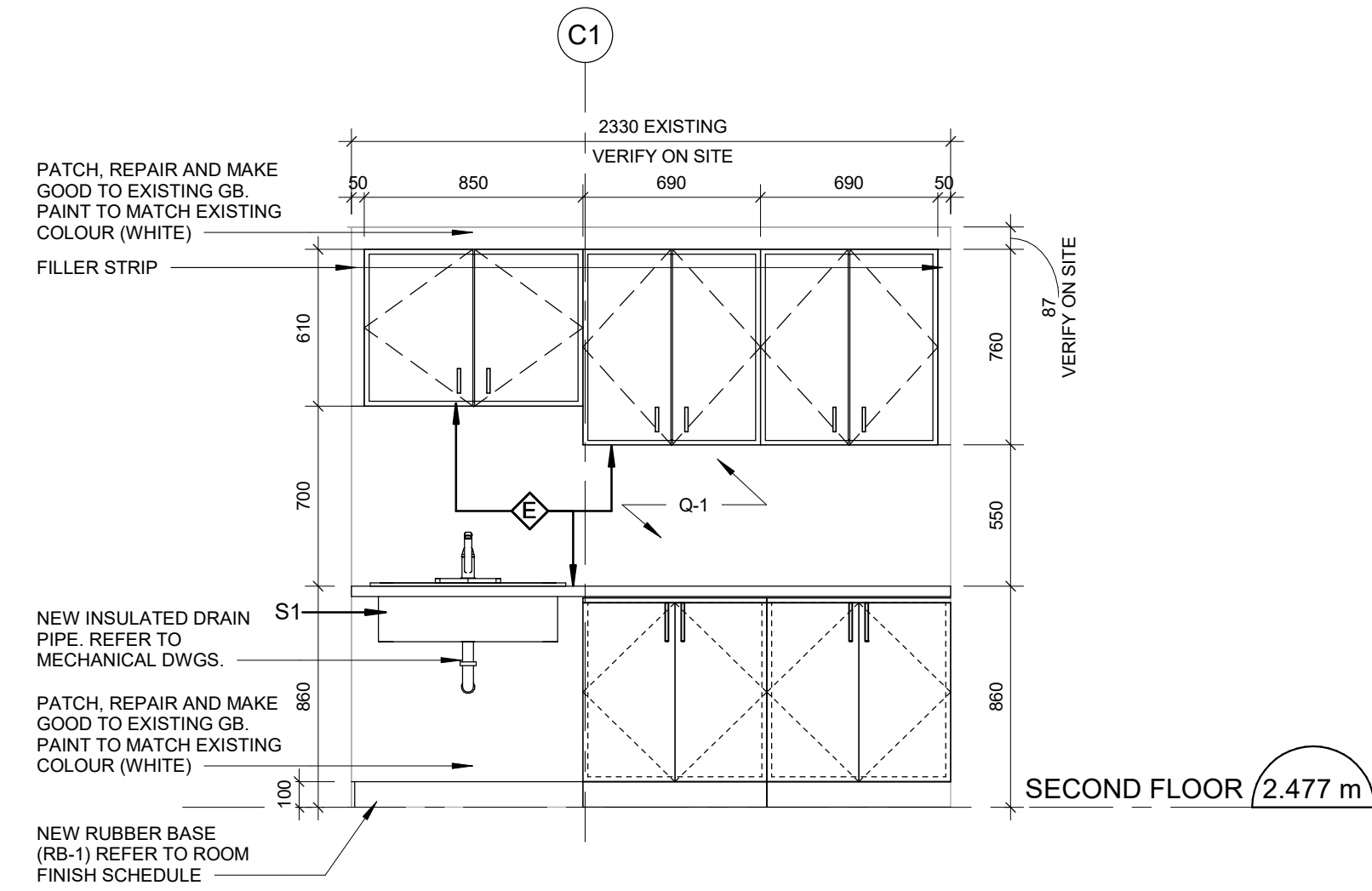
1 UNIVERSAL WASHROOM 129 & KITCHENETTE 134 - ENLARGED PLAN
A5011 Scale: 1 : 25



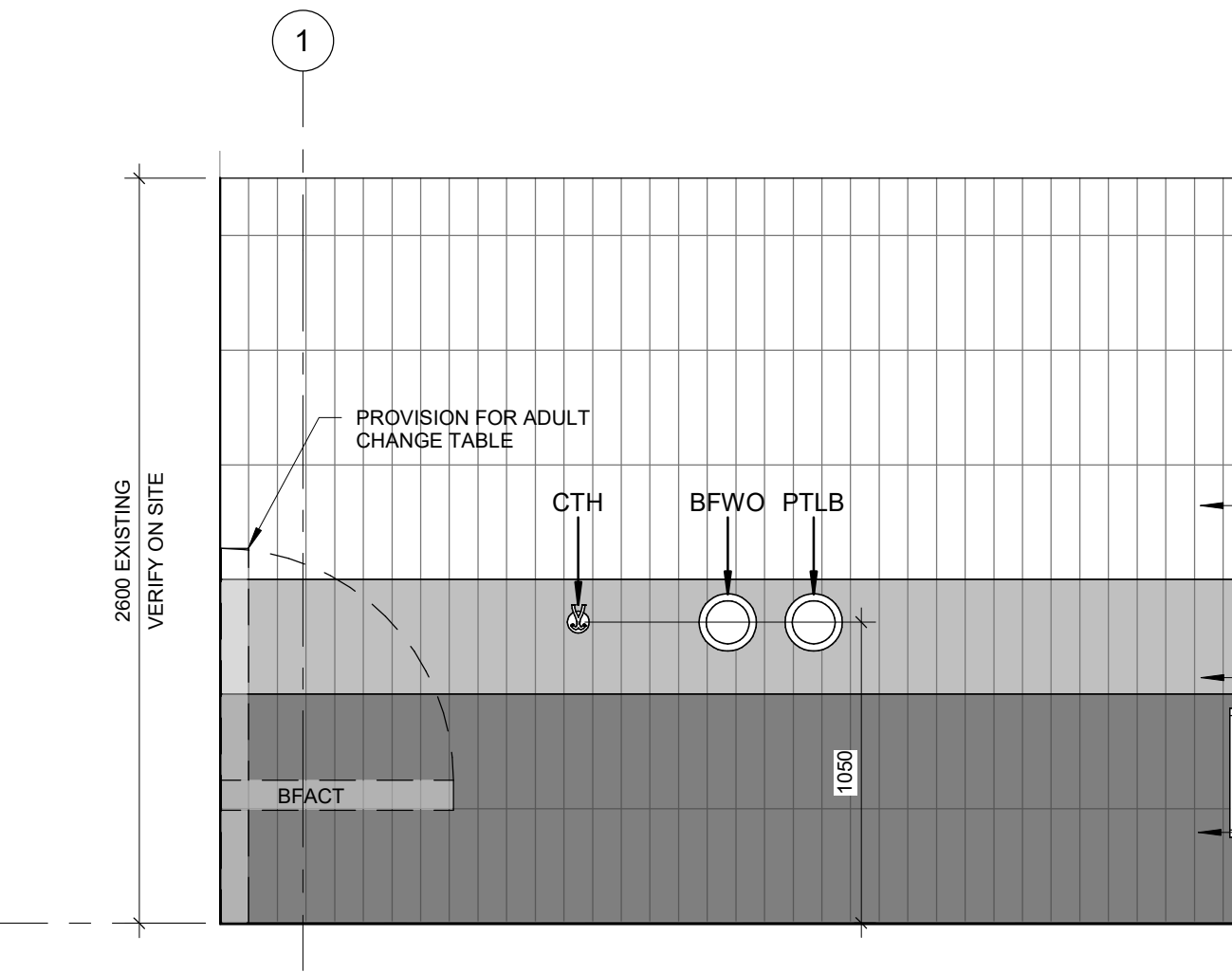
2 FIRST FLOOR KITCHENETTE 134 ELEVATION
A5011 Scale: 1 : 25



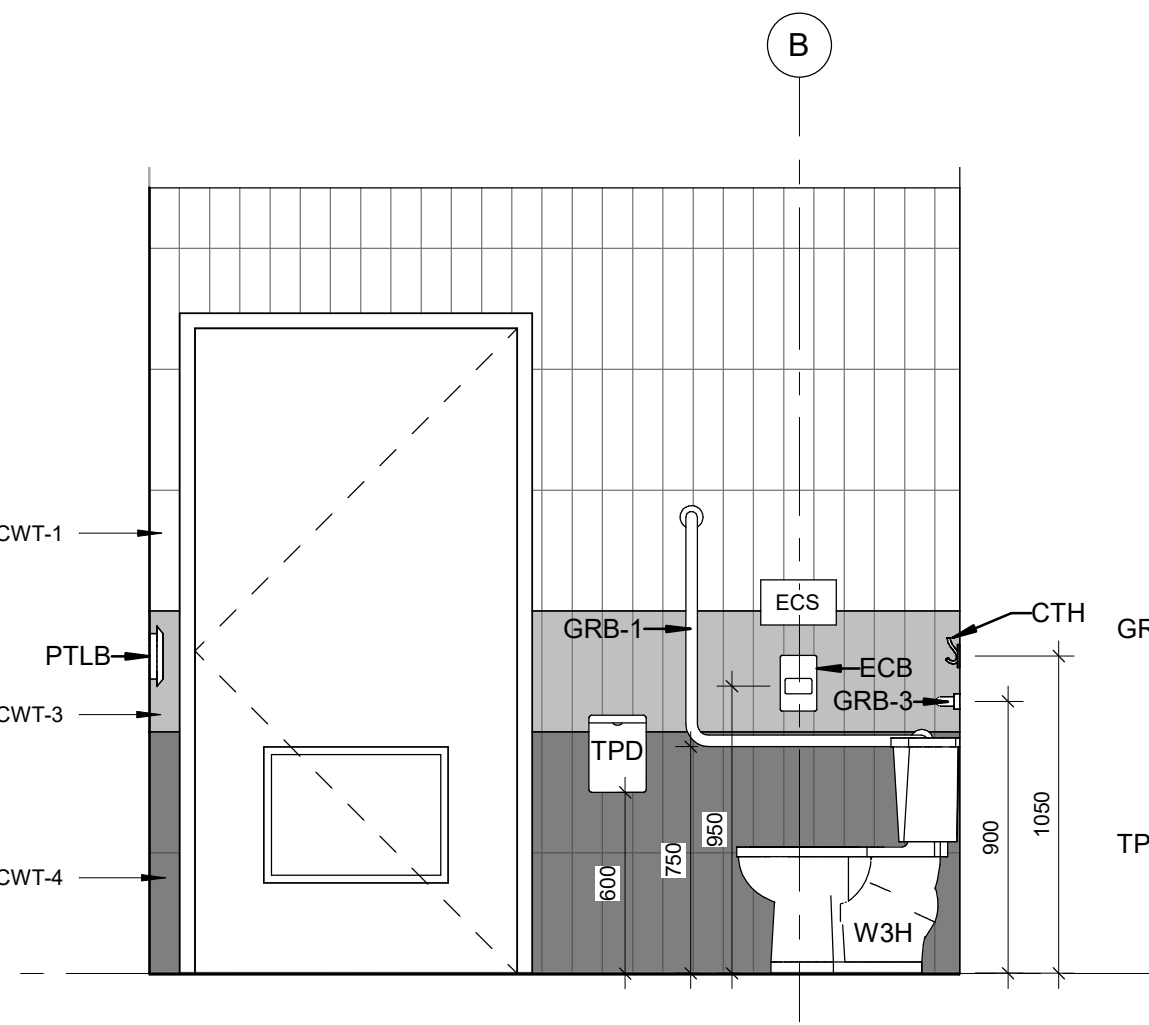
7 SECOND FLOOR KITCHENETTE 202 - ENLARGED PLAN
A5011 Scale: 1 : 25



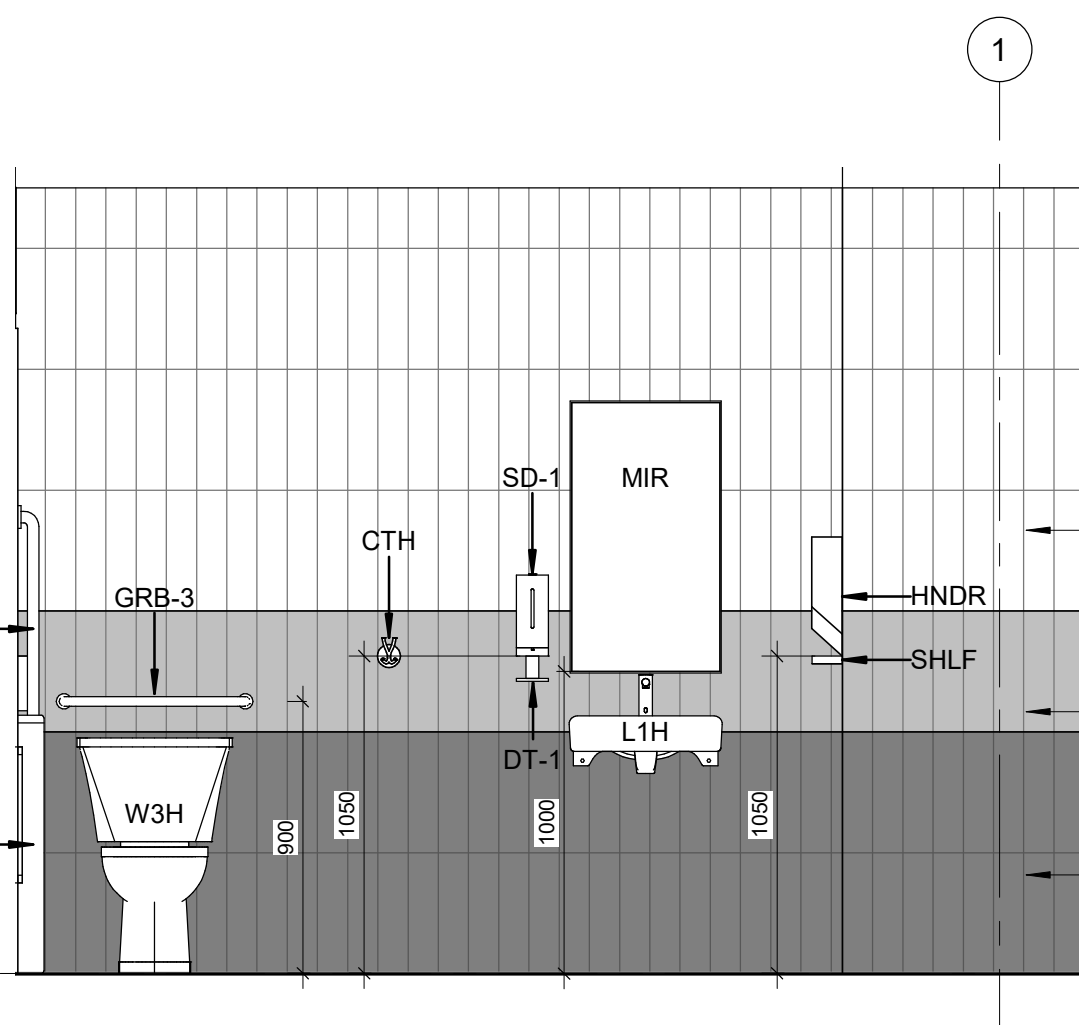
8 SECOND FLOOR KITCHENETTE 202 ELEVATION
A5011 Scale: 1 : 25



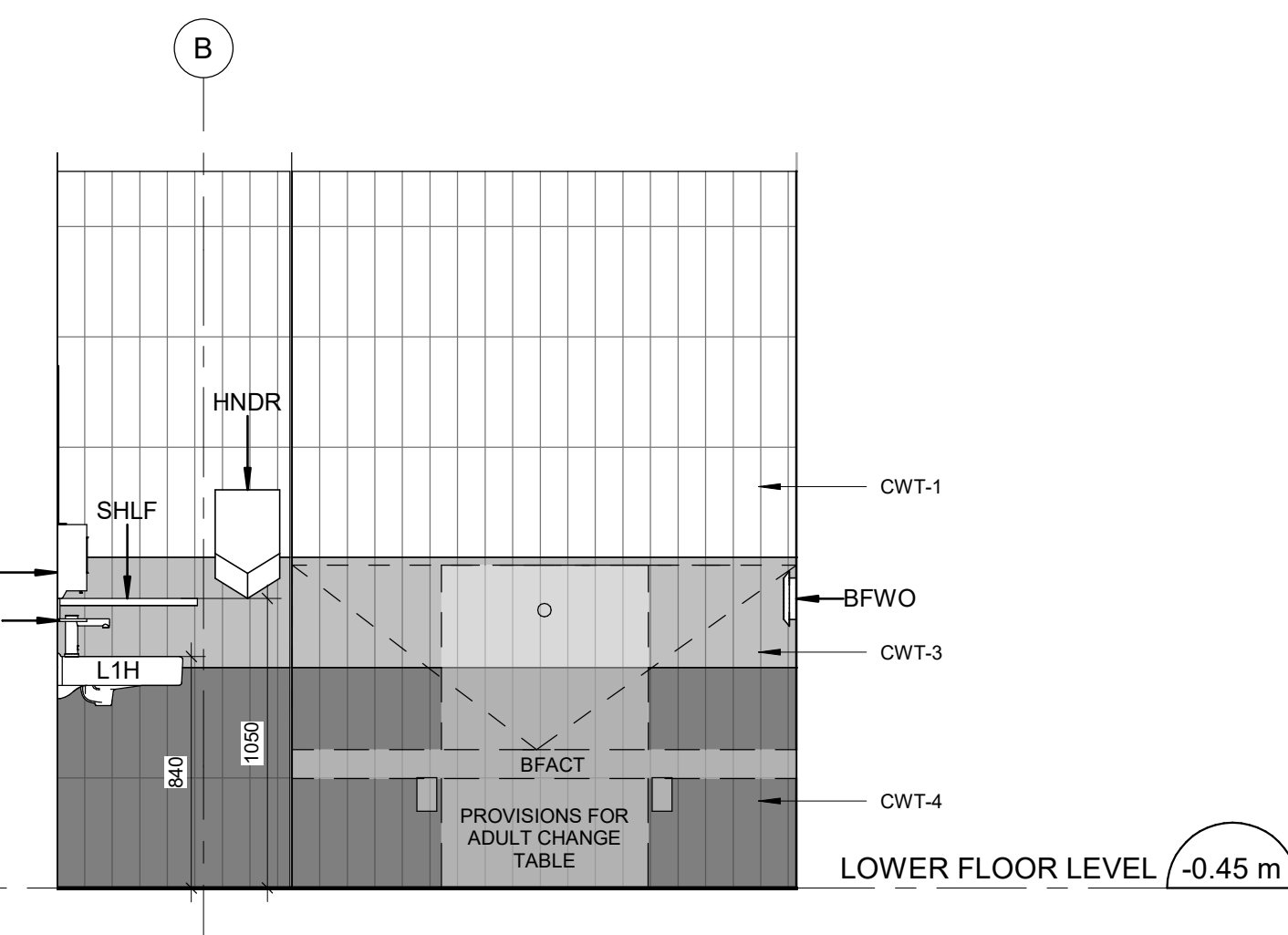
3 UNIVERSAL WASHROOM 129 - NORTH ELEVATION
A5011 Scale: 1 : 25



4 UNIVERSAL WASHROOM 129 - EAST ELEVATION
A5011 Scale: 1 : 25

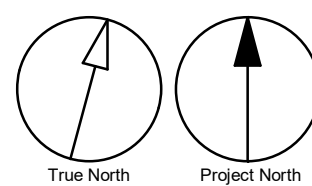


5 UNIVERSAL WASHROOM 129 - SOUTH ELEVATION
A5011 Scale: 1 : 25



6 UNIVERSAL WASHROOM 129 - WEST ELEVATION
A5011 Scale: 1 : 25

Scale 1:25
0 .5 1 2.5 m



WASHROOM GENERAL NOTES	
1	RESERVED
2	ALL WASHROOM ACCESSORIES TO BE INSTALLED AFTER SPECIFIED WALL FINISH HAS BEEN APPLIED. NEW SOAP COLLECTORS TO BE ADDED TO ALL SOAP DISPENSERS. REFER TO 2/D1201.
3	MOISTURE RESISTANT GYPSUM BOARD TO BE PROVIDED IN ALL WASHROOMS AND LOCKER ROOMS

CONSTRUCTION KEY NOTES	
NO	DESCRIPTION
D	INSTALL NEW WASHROOM ACCESSORIES - REFER TO DETAILS 1/D1201, 2/D1201, 3/D1201, 4/D1201, 5/D1201.
E	CONSTRUCT NEW KITCHEN MILLWORK. REFER TO MILLWORK DETAILS 1/D1301, 2/D1301, 3/D1301, 4/D1301, 1/D1302, 2/D1302, 3/D1302, 4/D1302, 5/D1302, 6/D1302, 8/D1302.
K	INSTALL NEW DOOR AND FRAME. REFER TO DOOR SCHEDULE A9001, G0004 AND DOOR HARDWARE SCHEDULE IN THE SPECIFICATIONS.

UNIVERSAL WASHROOM GENERAL NOTES	
1	PROVIDE WALL REINFORCEMENT TO SUPPORT FUTURE ADULT CHANGE TABLE MINIMUM LOAD OF 1.33 KN AND POWER OUTLET

ENLARGED KITCHEN GENERAL NOTES	
1	REFER TO 1/D1301, 2/D1301 & 5/D1302 FOR ACCESSIBLE SINK LAYOUT, DETAILS AND MOUNTING HEIGHT.

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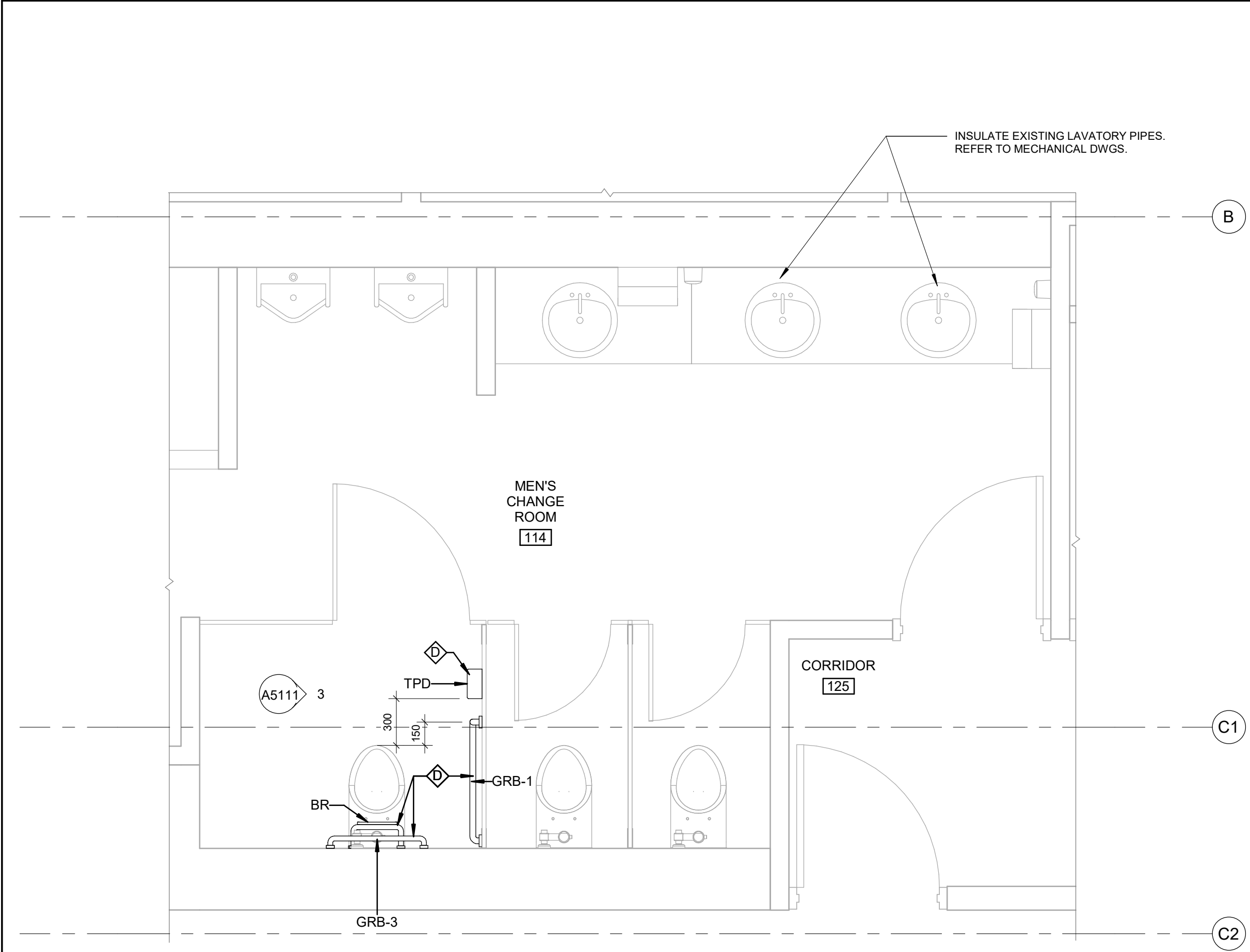
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ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**ELLESMERE YARD,
BUILDING D
1050 ELLESMERE RD**

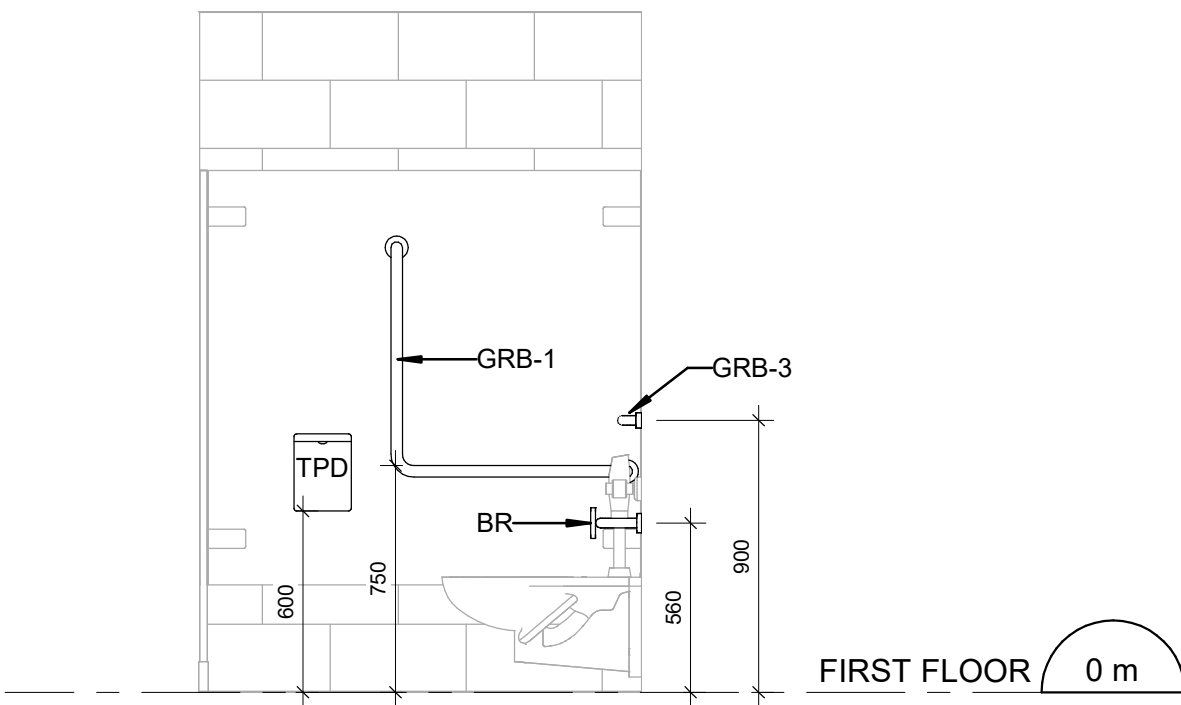
PROJECT NO:
122260
DRAWN BY:
A. BOYNARIAN
PROJECT MGR:
N. FRISCIC
CHECKED BY:
K. TILAHUN
APPROVED BY:
M. KOTBY

SHEET TITLE
**UNIVERSAL WASHROOM
/ KITCHENETTE 134
PLANS AND ELEVATIONS**

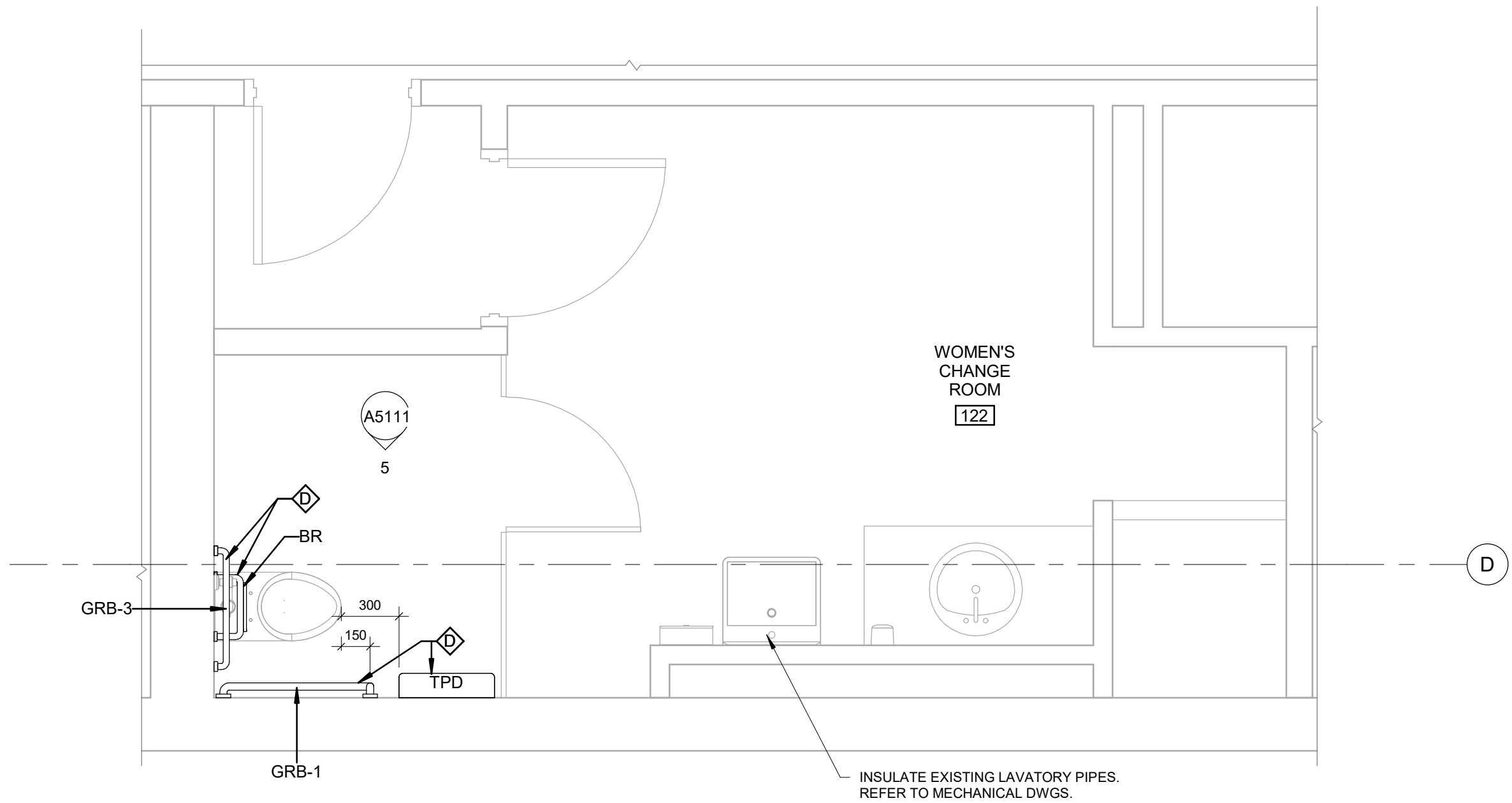
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G03-017-A5011
ISSUE
D



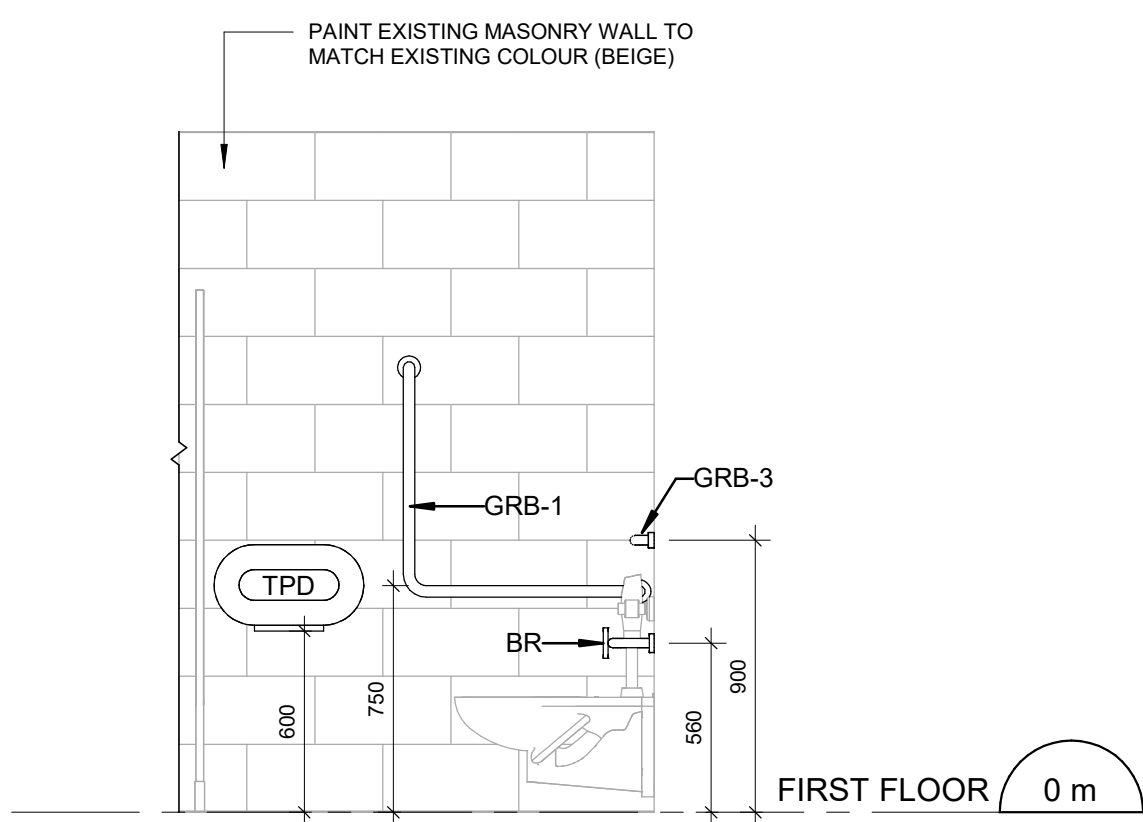
1 FIRST FLOOR MEN'S CHANGE ROOM - ENLARGED PLAN
A5111 Scale: 1 : 25



3 MEN'S CHANGE ROOM 114 - EAST ELEVATION
A5111 Scale: 1 : 25



2 FIRST FLOOR WOMEN'S CHANGE ROOM - ENLARGED PLAN
A5111 Scale: 1 : 25



5 WOMEN'S CHANGE ROOM 122 - SOUTH ELEVATION
A5111 Scale: 1 : 25

CONSTRUCTION KEY NOTES

NO	DESCRIPTION
D	INSTALL NEW WASHROOM ACCESSORIES - REFER TO DETAILS 1/D1201, 2/D1201, 3/D1201, 4/D1201, 5/D1201.

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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**ELLESMERE YARD,
BUILDING D
1050 ELLESMERE RD**

PROJECT NO:
122260

DRAWN BY:
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CHECKED BY:
K. TILAHUN

PROJECT MGR:
N. FRISCIC

APPROVED BY:
M. KOTBY

SHEET TITLE
**CHANGE ROOMS PLANS
AND ELEVATIONS**

SHEET NUMBER

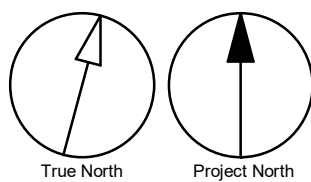
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ISSUE

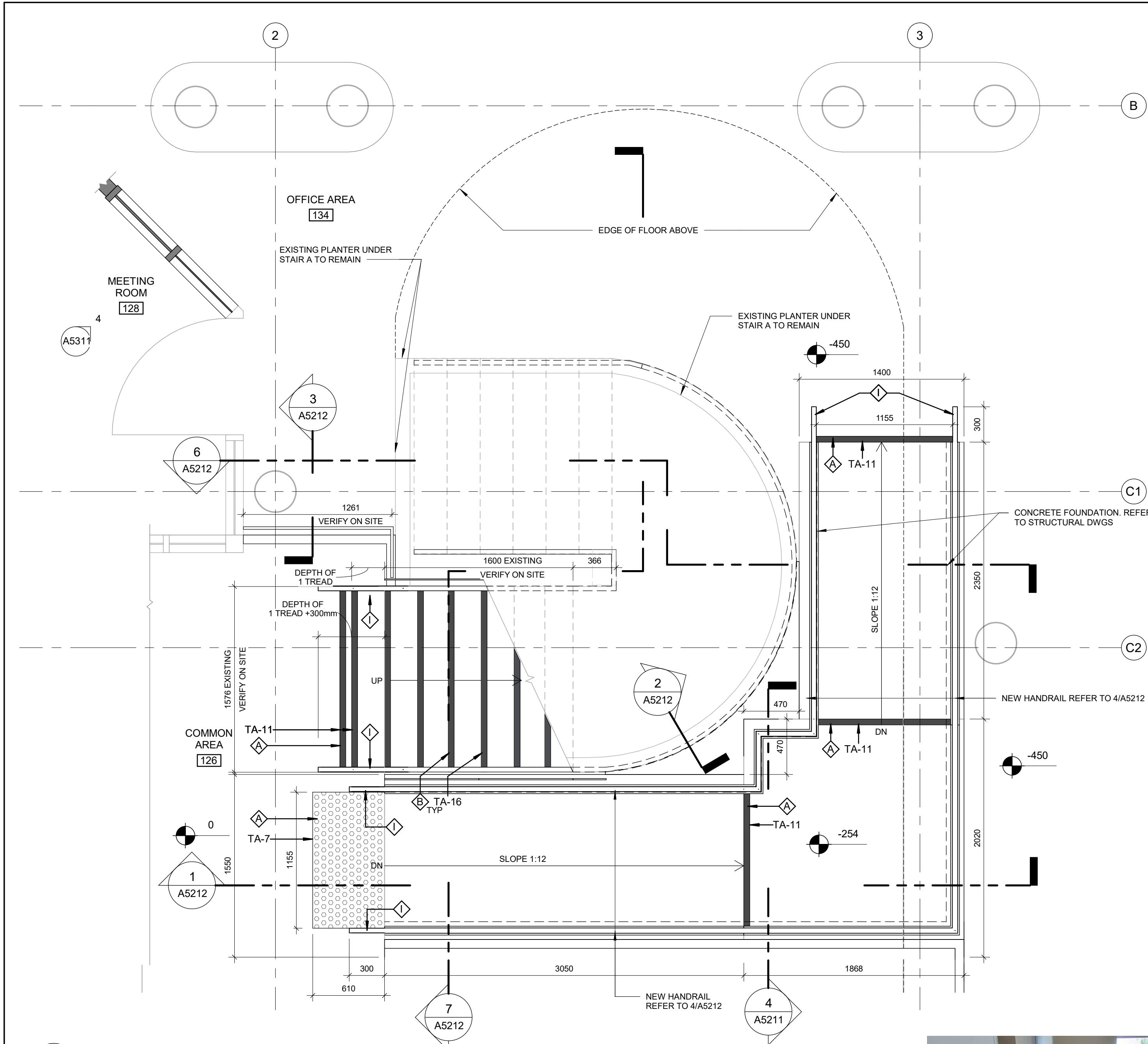
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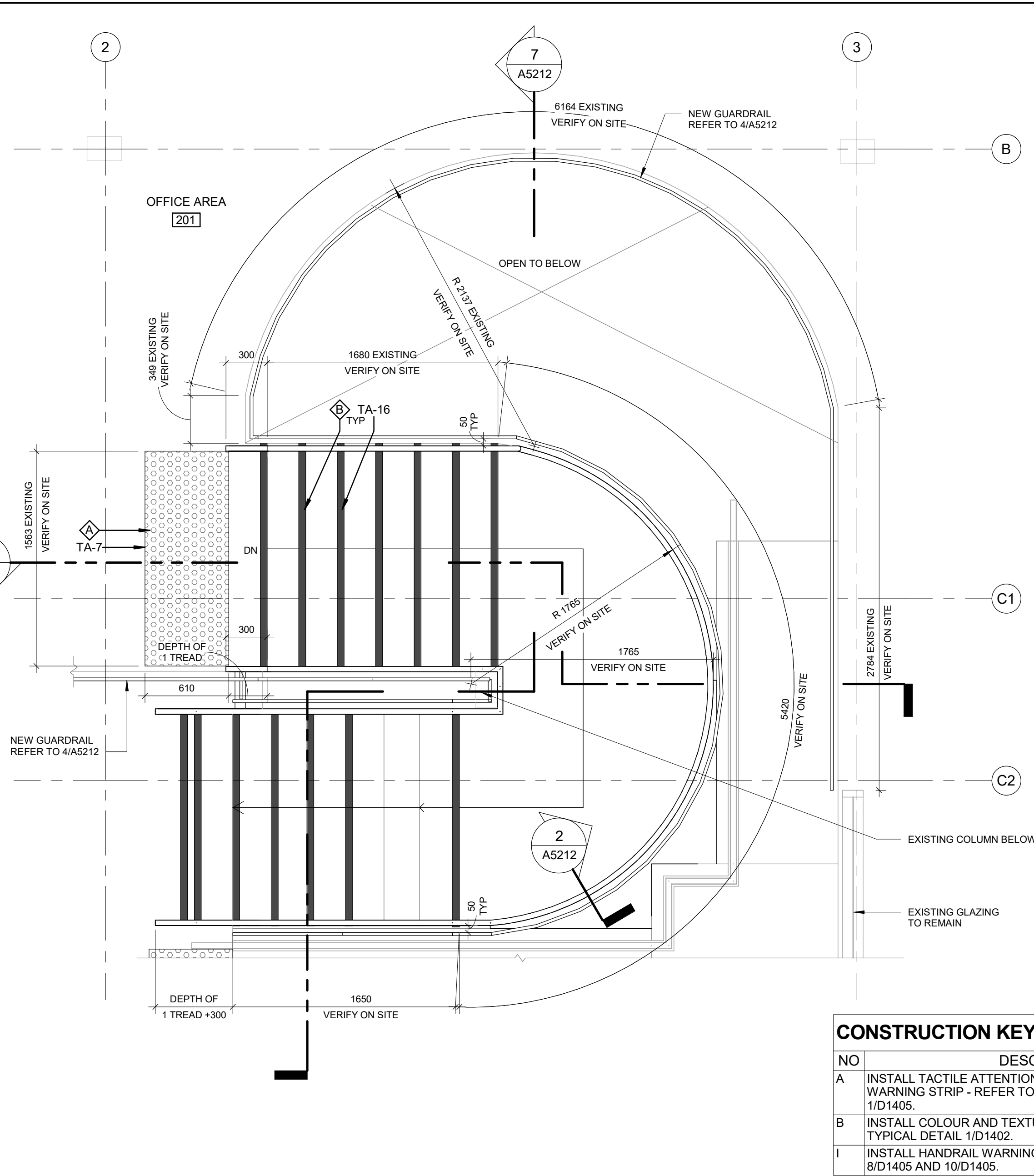
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1 FIRST FLOOR STAIR A & RAMP - ENLARGED PLAN
A5211 Scale: 1 : 25



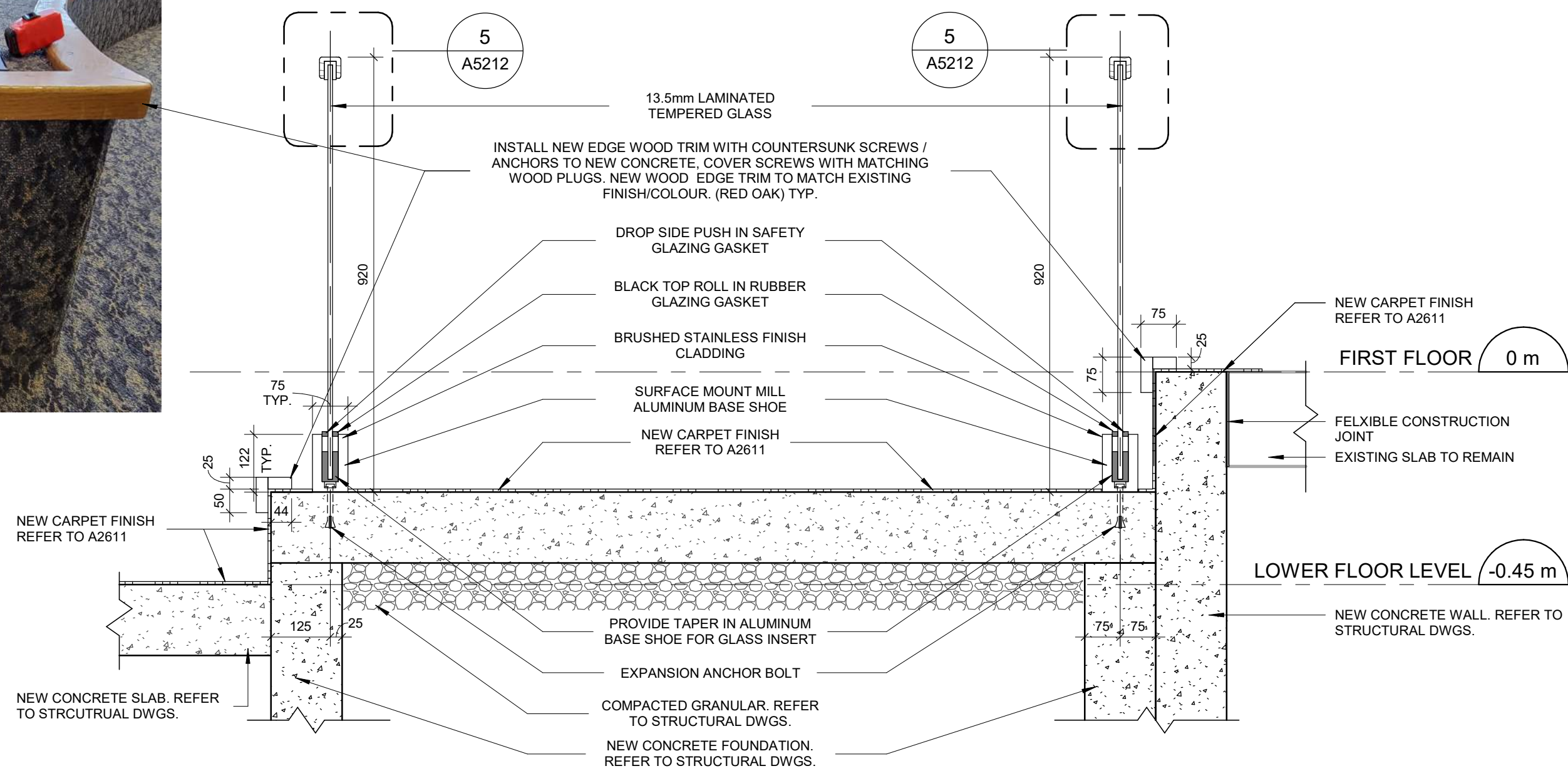
3 STAIR A - PERSPECTIVE VIEW
A5211 Scale:



2 SECOND FLOOR STAIR A & RAMP - ENLARGED PLAN
A5211 Scale: 1 : 25



PHOTO 1: EXISTING WOOD EDGE TRIM



4 INTERIOR RAMP - HANDRAIL SECTION DETAIL TYP
A5211 Scale: 1 : 10

CONSTRUCTION KEY NOTES	
NO	DESCRIPTION
A	INSTALL TACTILE ATTENTION INDICATOR AND TACTILE WARNING STRIP - REFER TO TYPICAL DETAILS 1/D1402 AND 1/D1405.
B	INSTALL COLOUR AND TEXTURE NOSING STRIP - REFER TO TYPICAL DETAIL 1/D1402.
I	INSTALL HANDRAIL WARNING STRIP - REFER TO DETAIL 8/D1405 AND 10/D1405.

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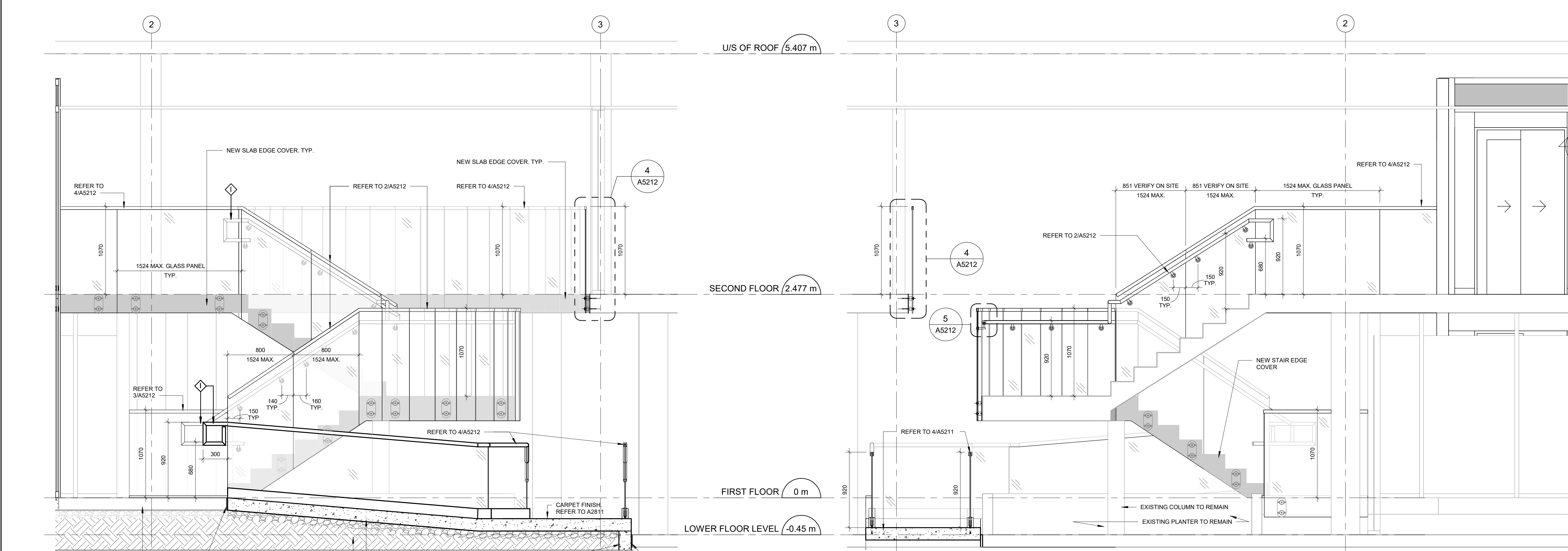
PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**ELLESMERE YARD,
BUILDING D
1050 ELLESMERE RD**

PROJECT NO:
122260
DRAWN BY:
A. BOYNARIAN
PROJECT MGR:
N. FRISCH
CHECKED BY:
K. TILAHUN
APPROVED BY:
M. KOTBY

SHEET TITLE
**STAIR A AND RAMP
ENLARGED PLANS**

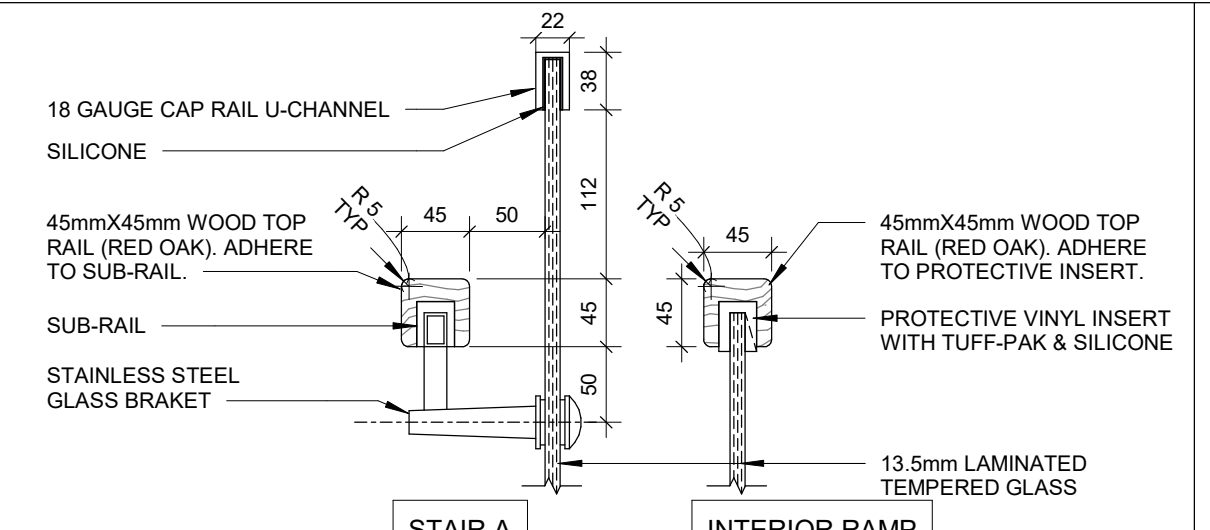
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G03-017-A5211
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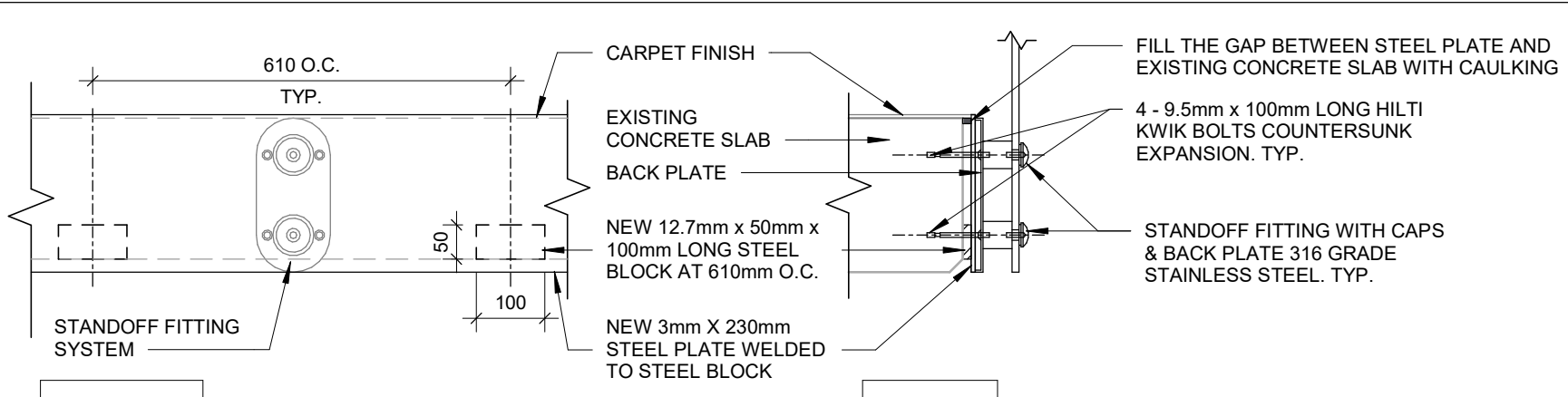
1 RAMP SECTION
A5212 Scale: 1 : 25

6 STAIR A / RAMP SECTION 1
A5212 Scale: 1 : 25

NOTE:
PROVIDE SHOP DRAWINGS BEARING THE SEAL OF AN ENGINEER LICENSED IN THE PROVINCE OF ONARIO SHOWING ALL HANDRAIL AND GUARDRAIL CONNECTION DETAILS, ANCHORAGE DETAILS AND LOADS

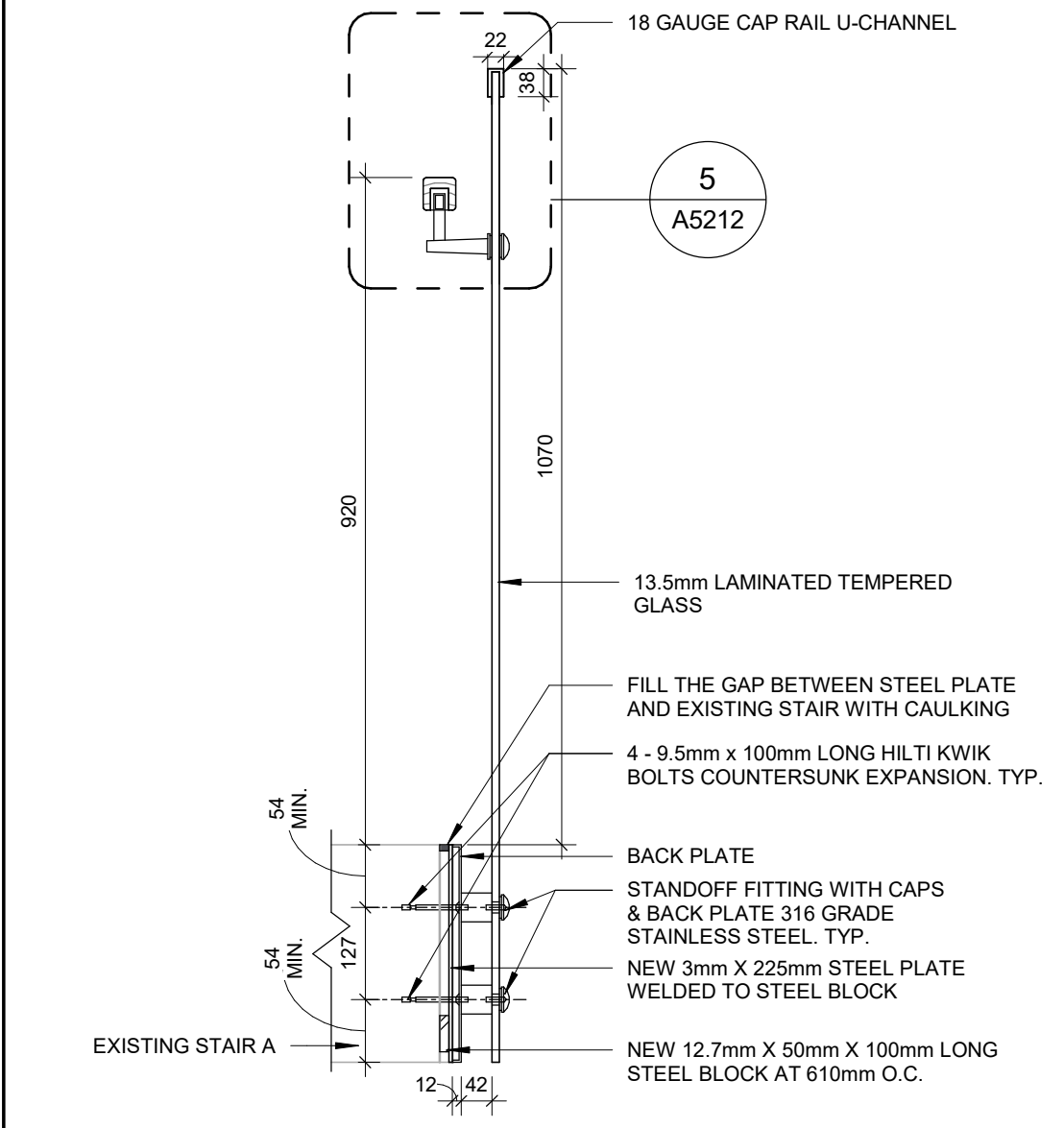


5 HANDRAIL DETAIL TYP.
A5212 Scale: 1 : 5

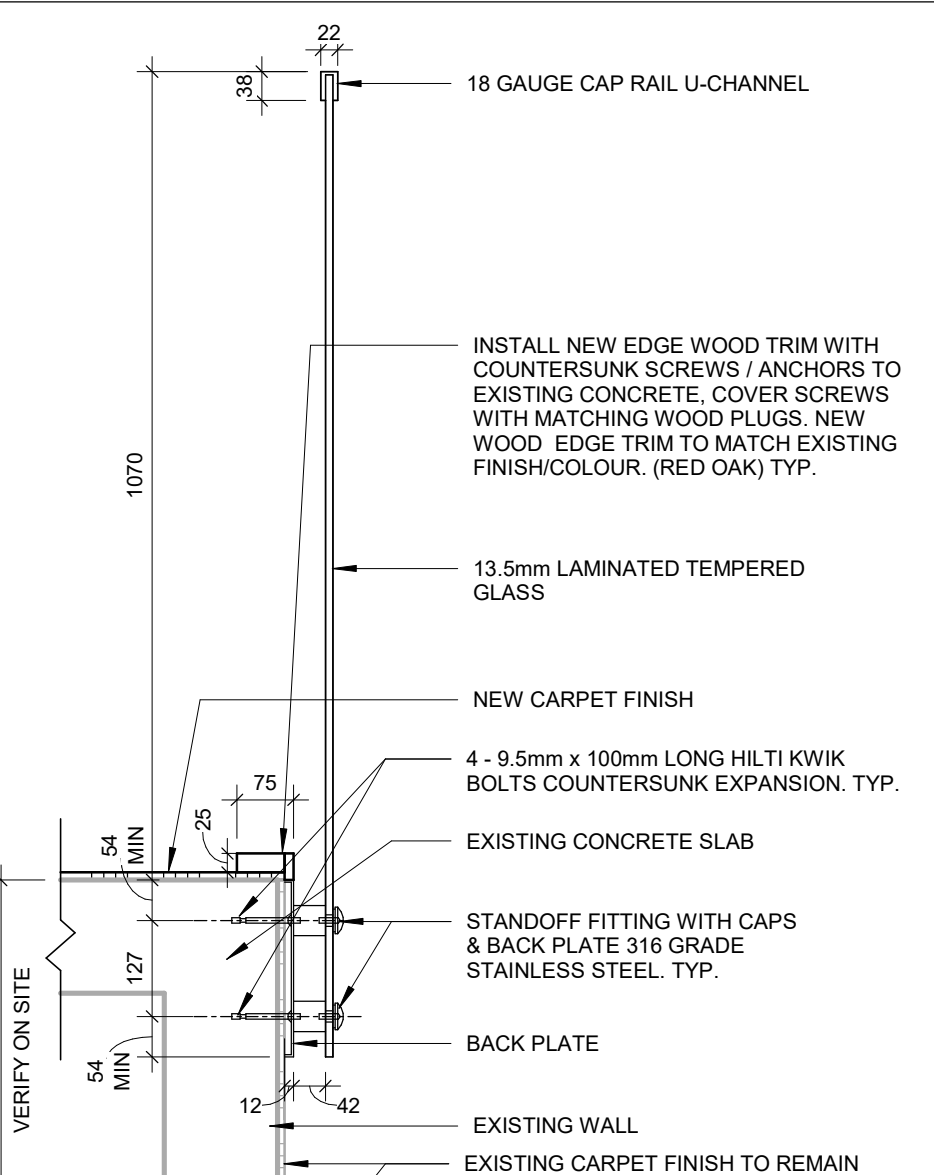


8 STANDOFF/STEEL BLOCK ELEVATION & SECTION
A5212 Scale: NTS

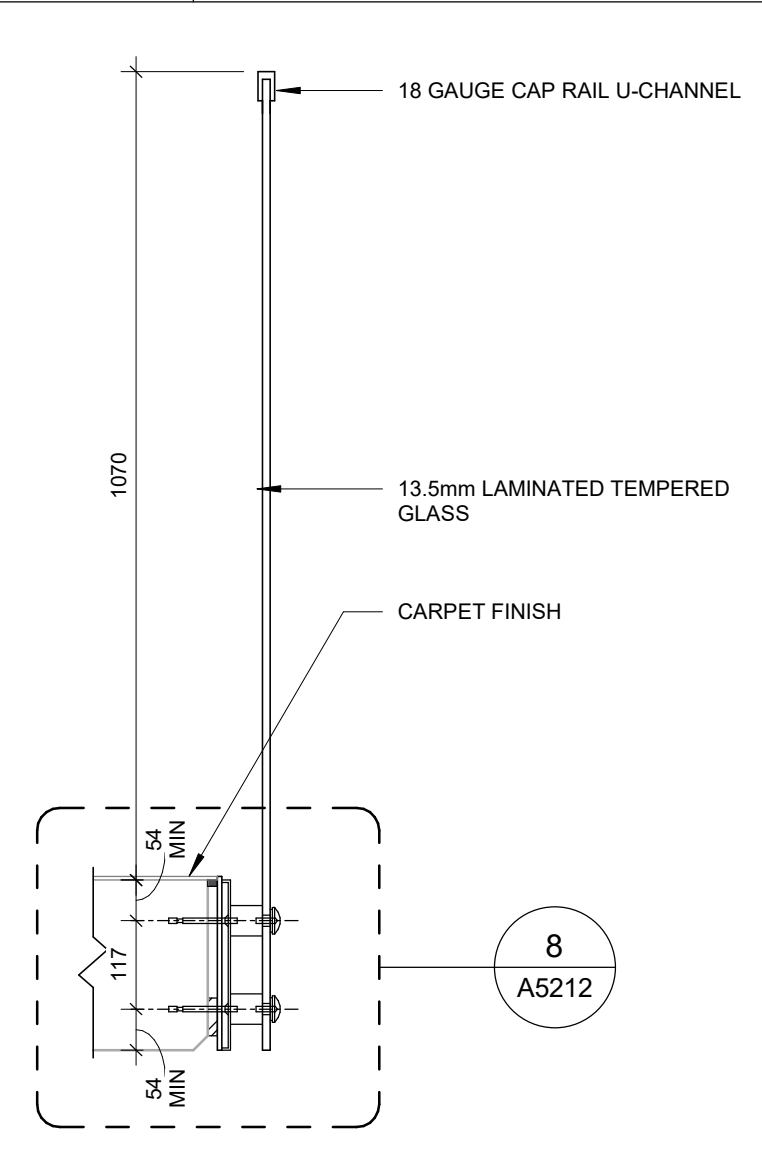
CONSTRUCTION KEY NOTES	
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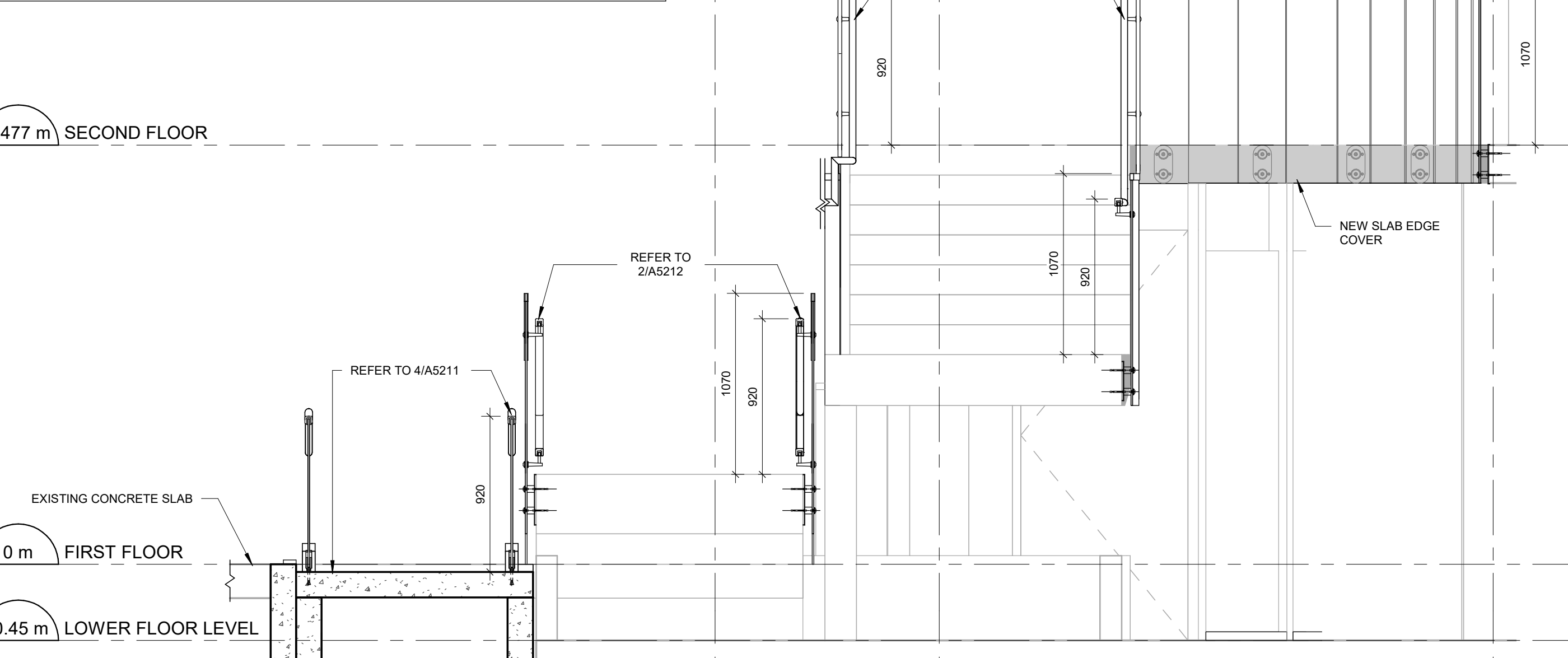
2 STAIR A - HANDRAIL/GUARDRAIL DETAIL TYP.
A5212 Scale: 1 : 10



3 GUARDRAIL DETAIL
A5212 Scale: 1 : 10



4 GUARDRAIL DETAIL AT MEZZANINE.
A5212 Scale: 1 : 10



7 STAIR A / RAMP SECTION 2
A5212 Scale: 1 : 25

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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**ELLESMERE YARD,
BUILDING D
1050 ELLESMERE RD**

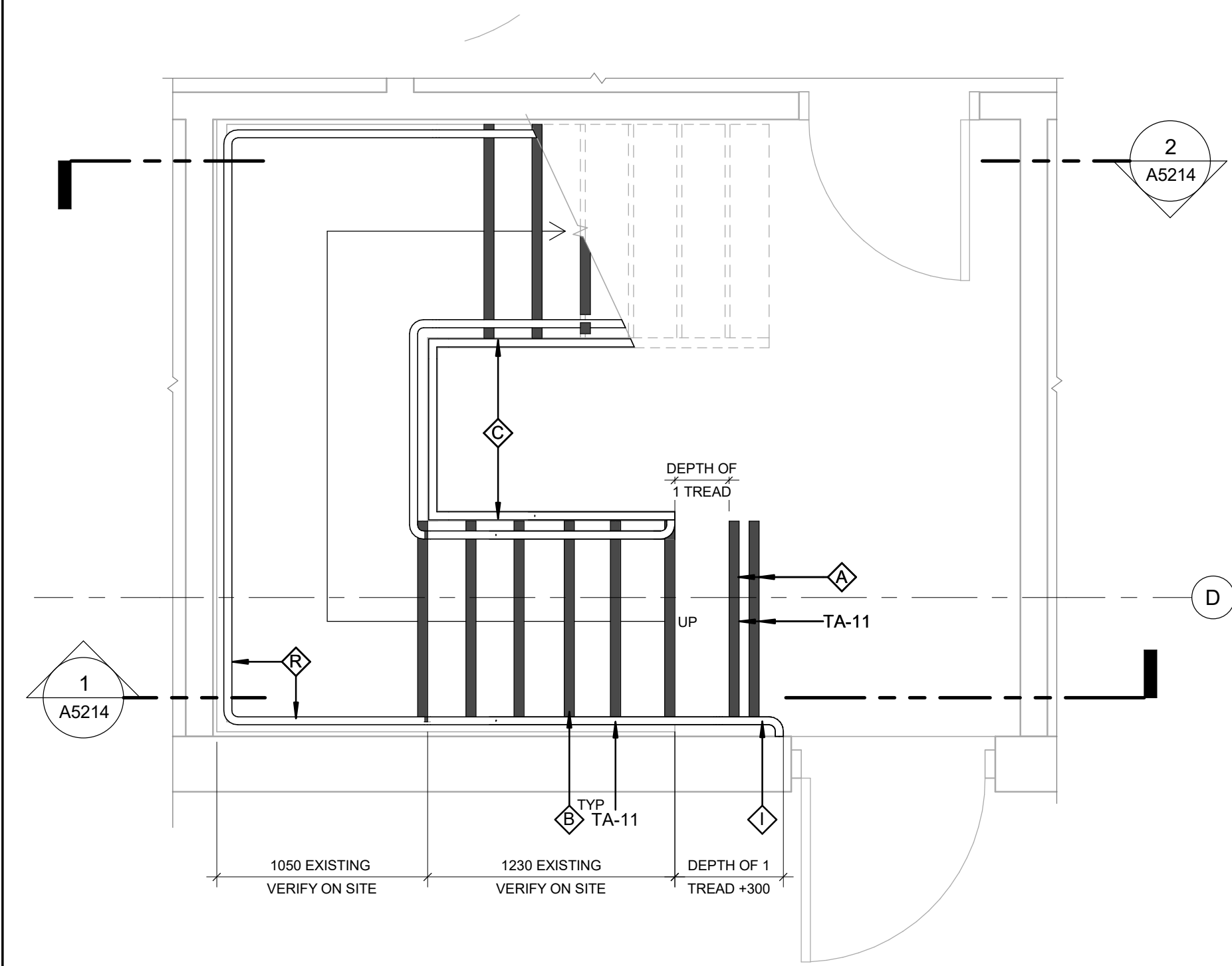
PROJECT NO:
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DRAWN BY:
A. BOYNARIAN
PROJECT MGR:
N. FRISCH
CHECKED BY:
K. TILAHUN
APPROVED BY:
M. KOTBY

SHEET TITLE
**STAIR A AND RAMP
SECTIONS**

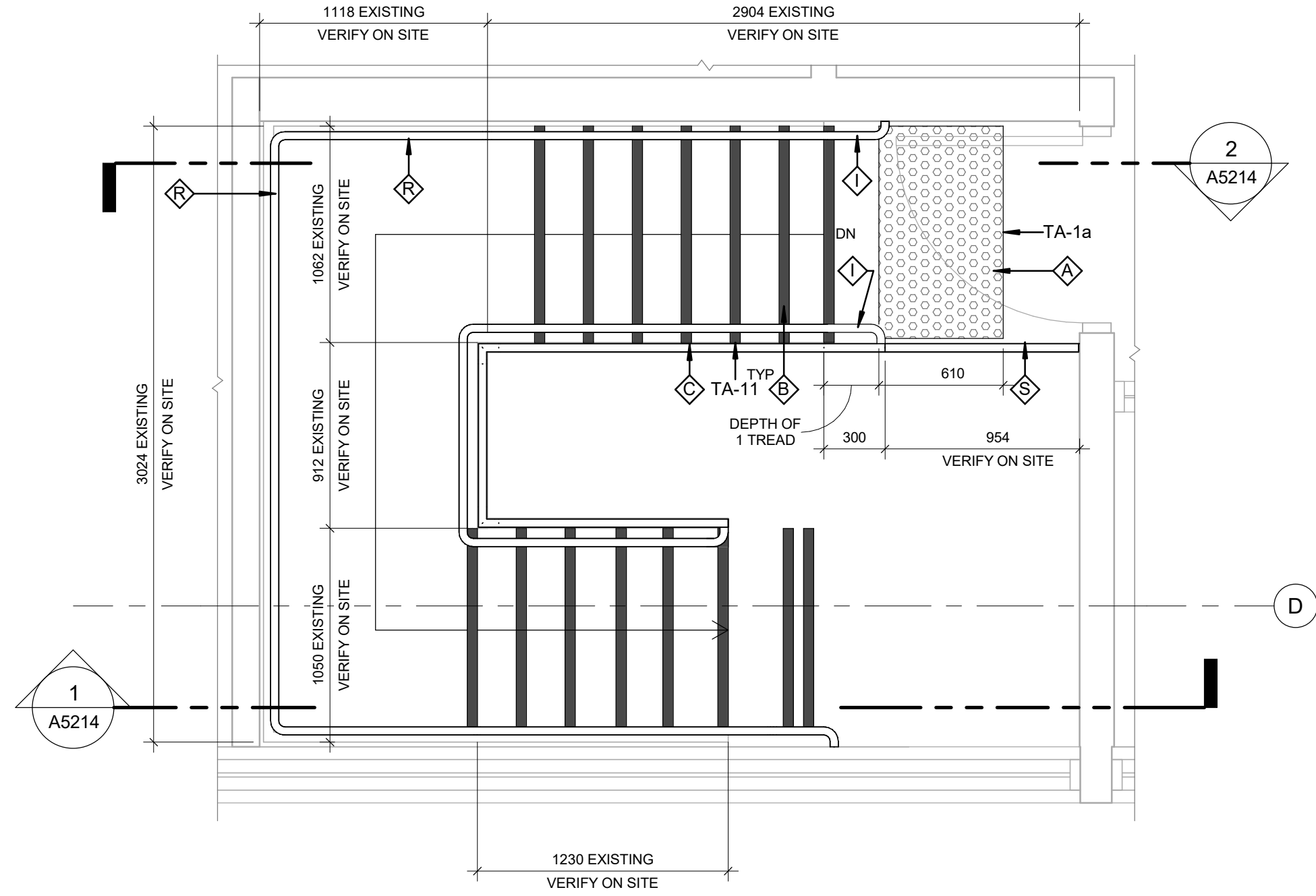
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ISSUE
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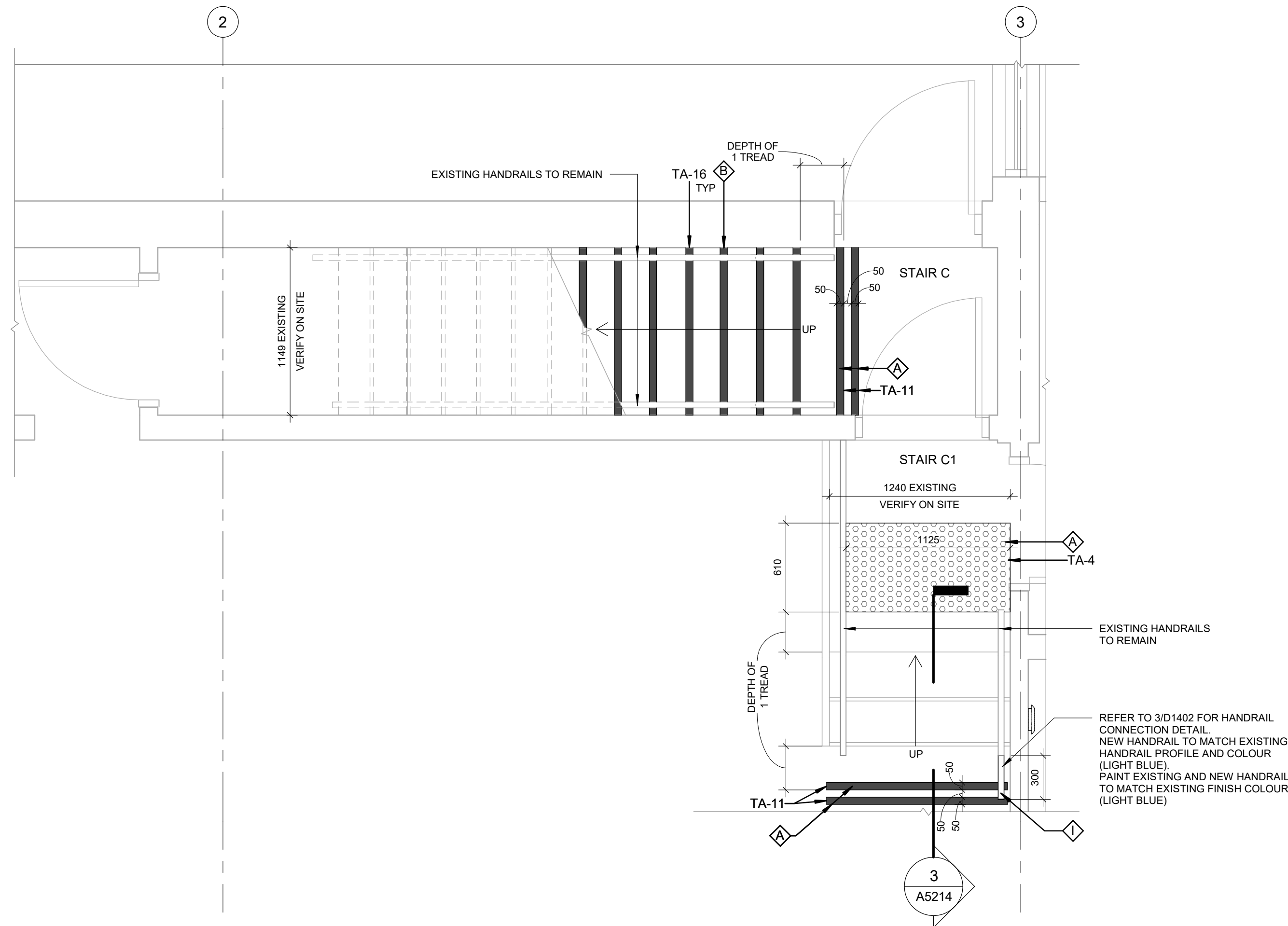
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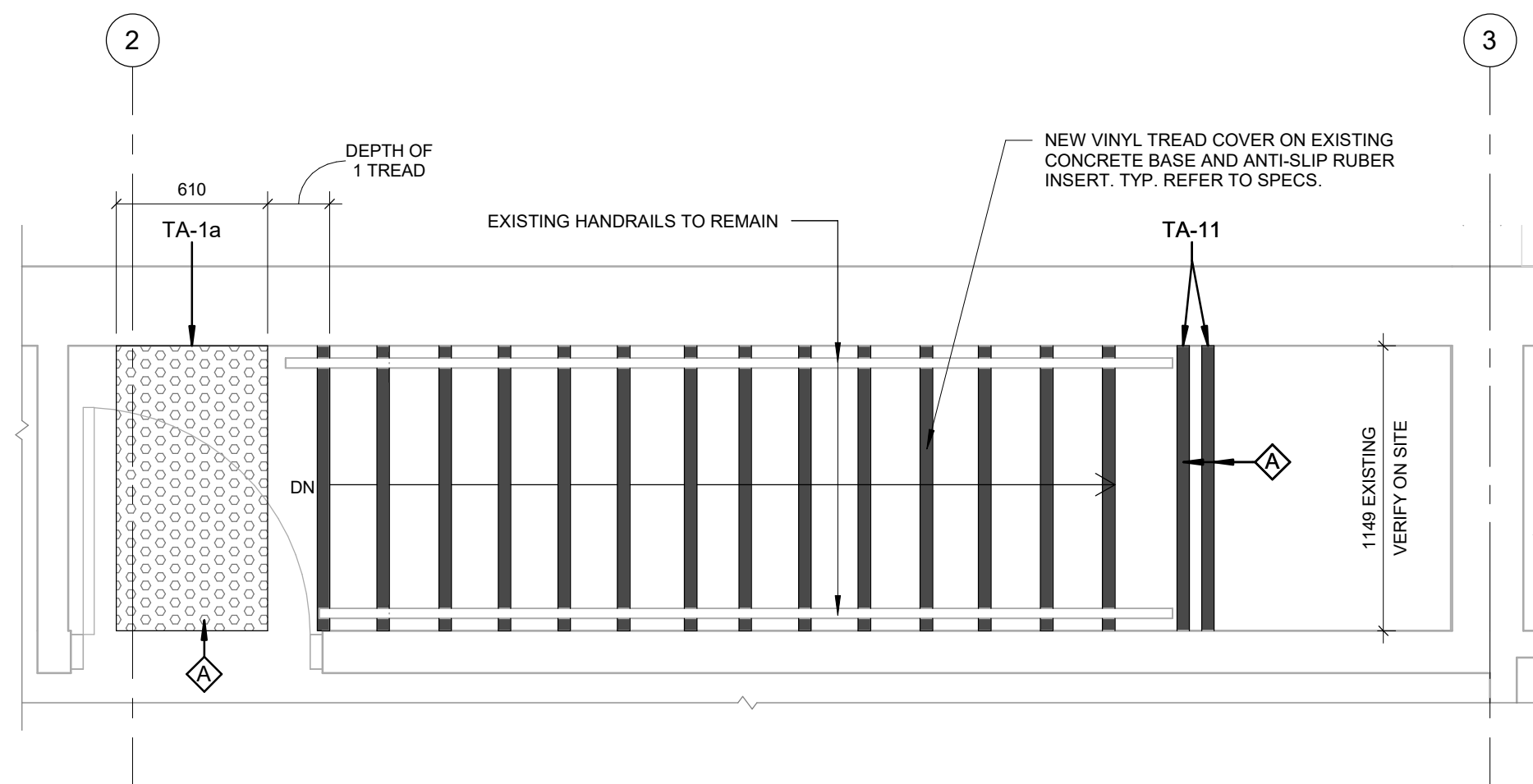
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A5213 Scale: 1 : 25



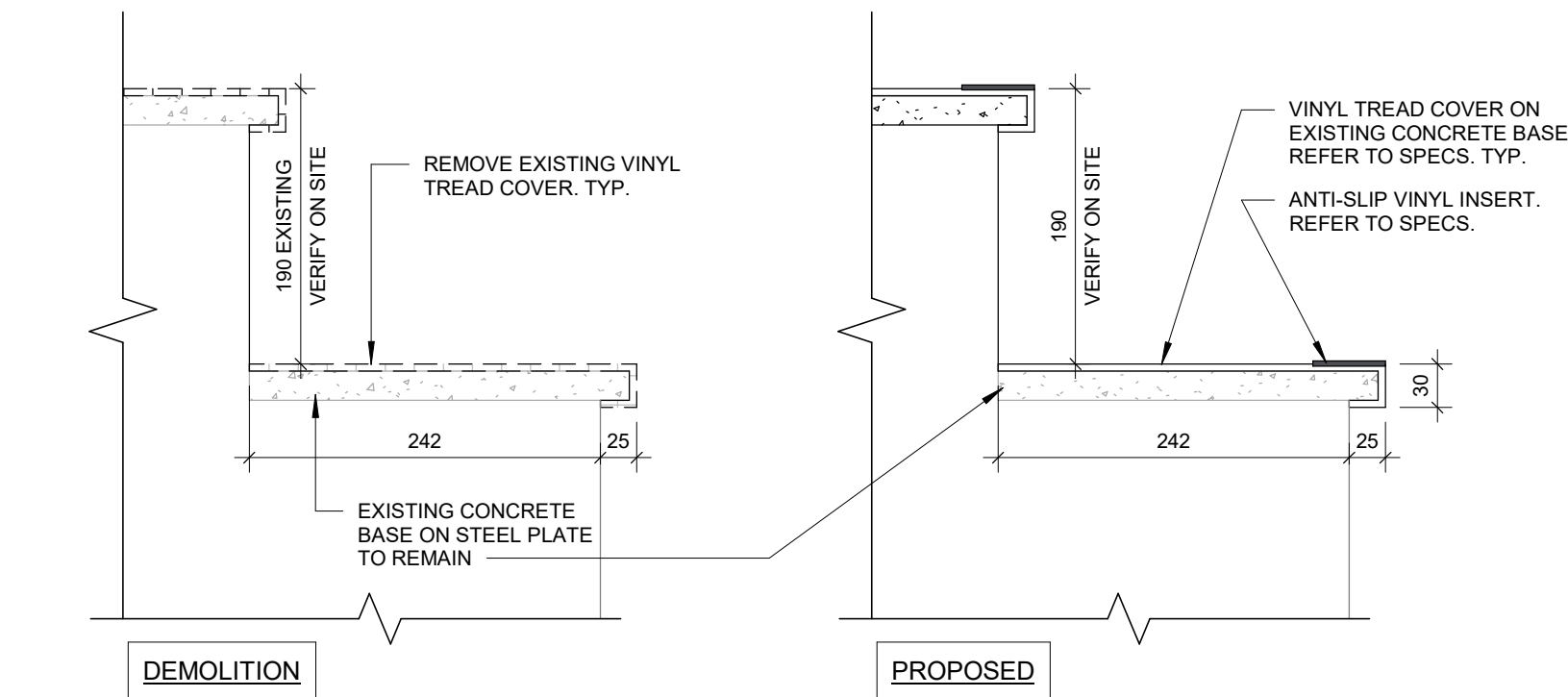
2 SECOND FLOOR STAIR B - ENLARGED PLAN
A5213 Scale: 1 : 25



3 LOWER FIRST FLOOR STAIR C & C1 - ENLARGED PLAN
A5213 Scale: 1 : 25



4 SECOND FLOOR STAIR C - ENLARGED PLAN
A5213 Scale: 1 : 25



5 STAIR C TREAD DETAIL
A5213 Scale: 1 : 5

CONSTRUCTION KEY NOTES	
NO	DESCRIPTION
A	INSTALL TACTILE ATTENTION INDICATOR AND TACTILE WARNING STRIP - REFER TO TYPICAL DETAILS 1/D1402 AND 1/D1405.
B	INSTALL COLOUR AND TEXTURE NOSING STRIP - REFER TO TYPICAL DETAIL 1/D1402.
C	INSTALL NEW GUARDRAIL AND HANDRAIL ON STEEL STAIR - REFER TO TYPICAL DETAILS 2/D1401, 5/D1401, 1/D1403.
I	INSTALL HANDRAIL WARNING STRIP - REFER TO DETAIL 8/D1405 AND 10/D1405.
R	INSTALL NEW HANDRAIL - REFER TO DETAILS 1/D1401, 3/D1401, 2/1403, 3/1403, 4/D1402.
S	INSTALL NEW GUARDRAIL - REFER TO DETAILS 5/D1401, 6/D1401, 1/D1403.

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PROJECT TITLE
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1050 ELLESMERE RD**

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DRAWN BY:
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CHECKED BY:
K. TILAHUN

PROJECT MGR:
N. FRISCIC

APPROVED BY:
M. KOTBY

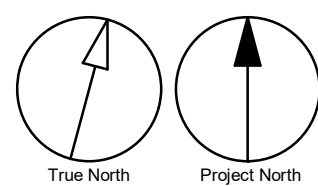
SHEET TITLE
**STAIRS B, C AND C1
ENLARGED PLANS**

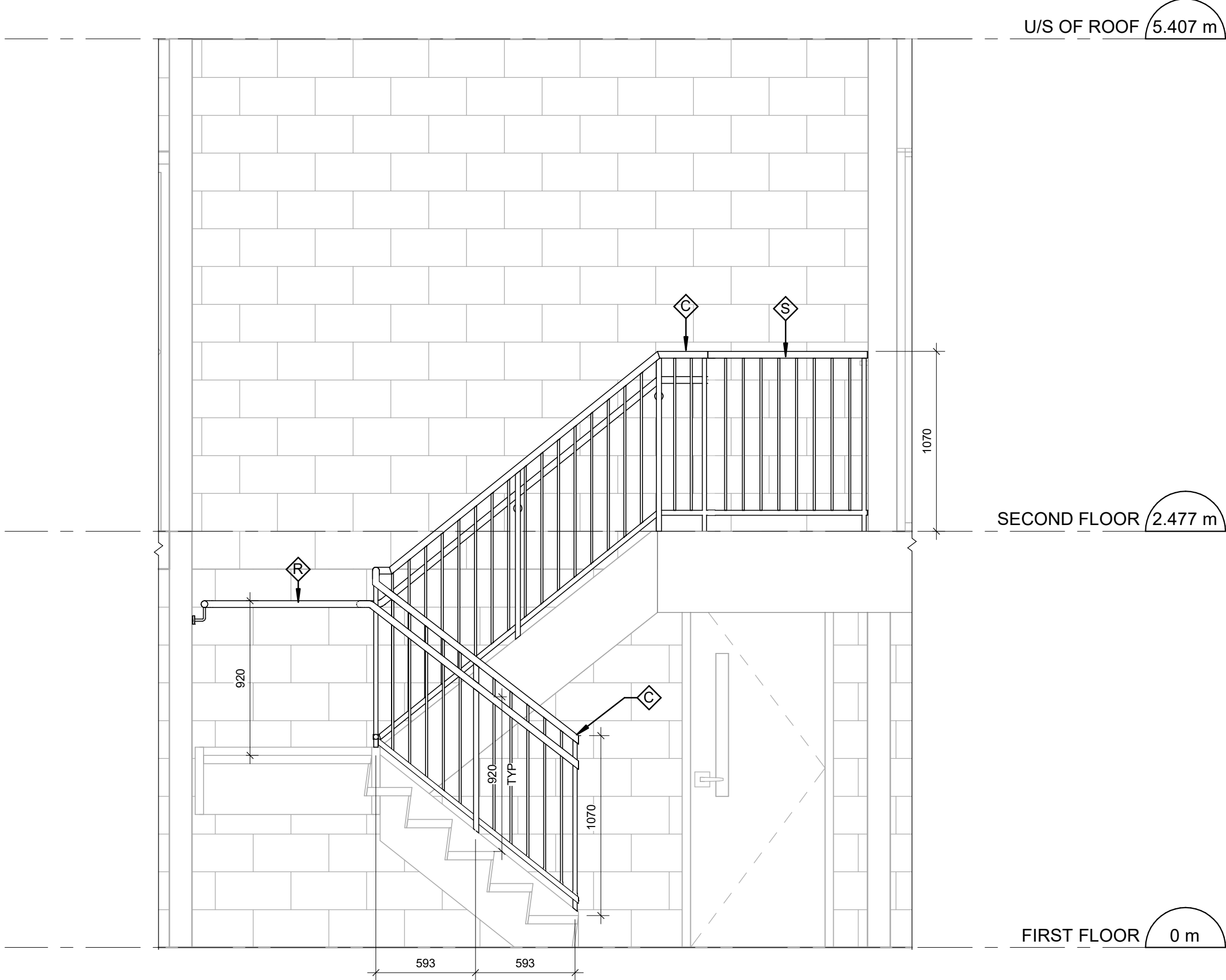
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ISSUE
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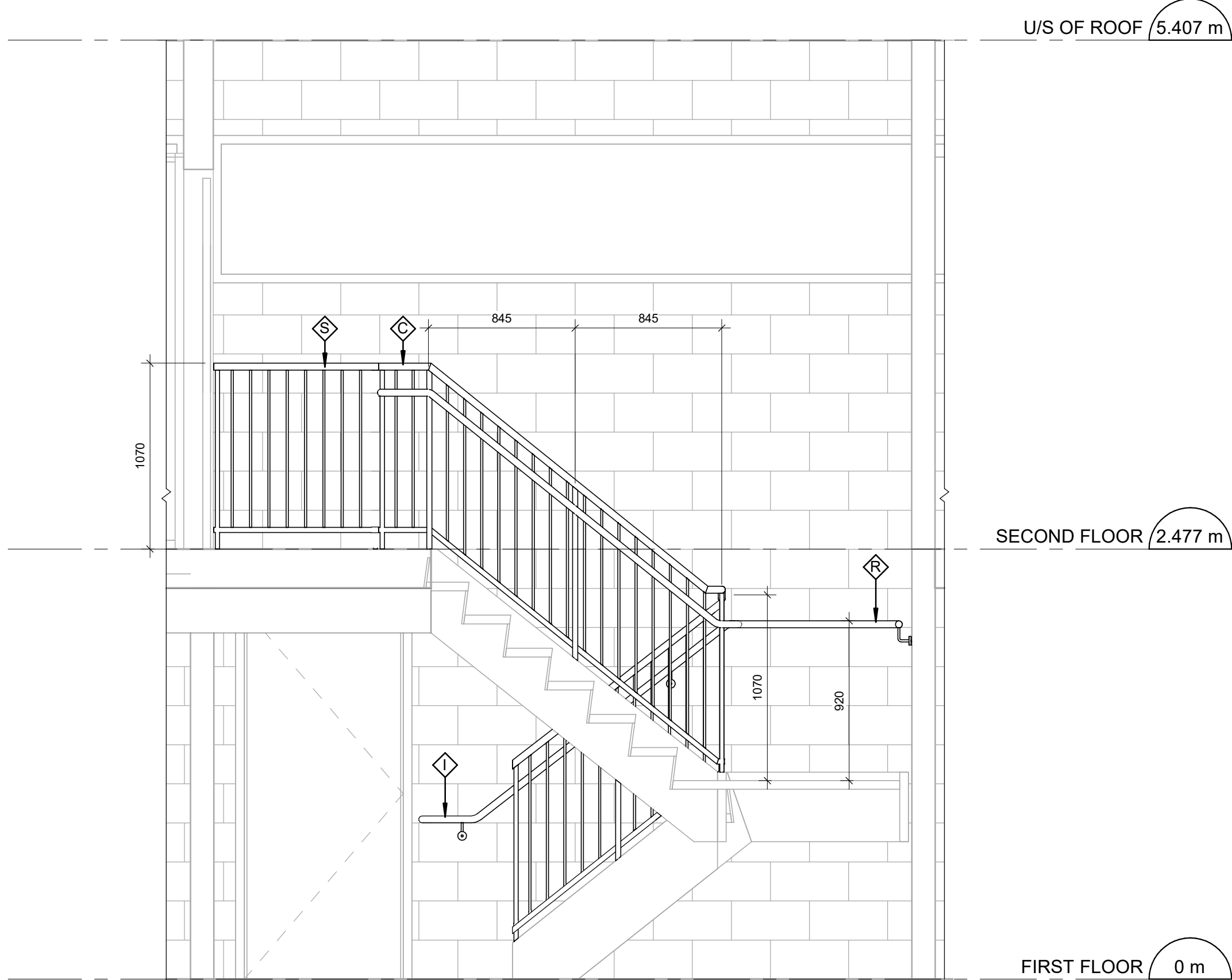
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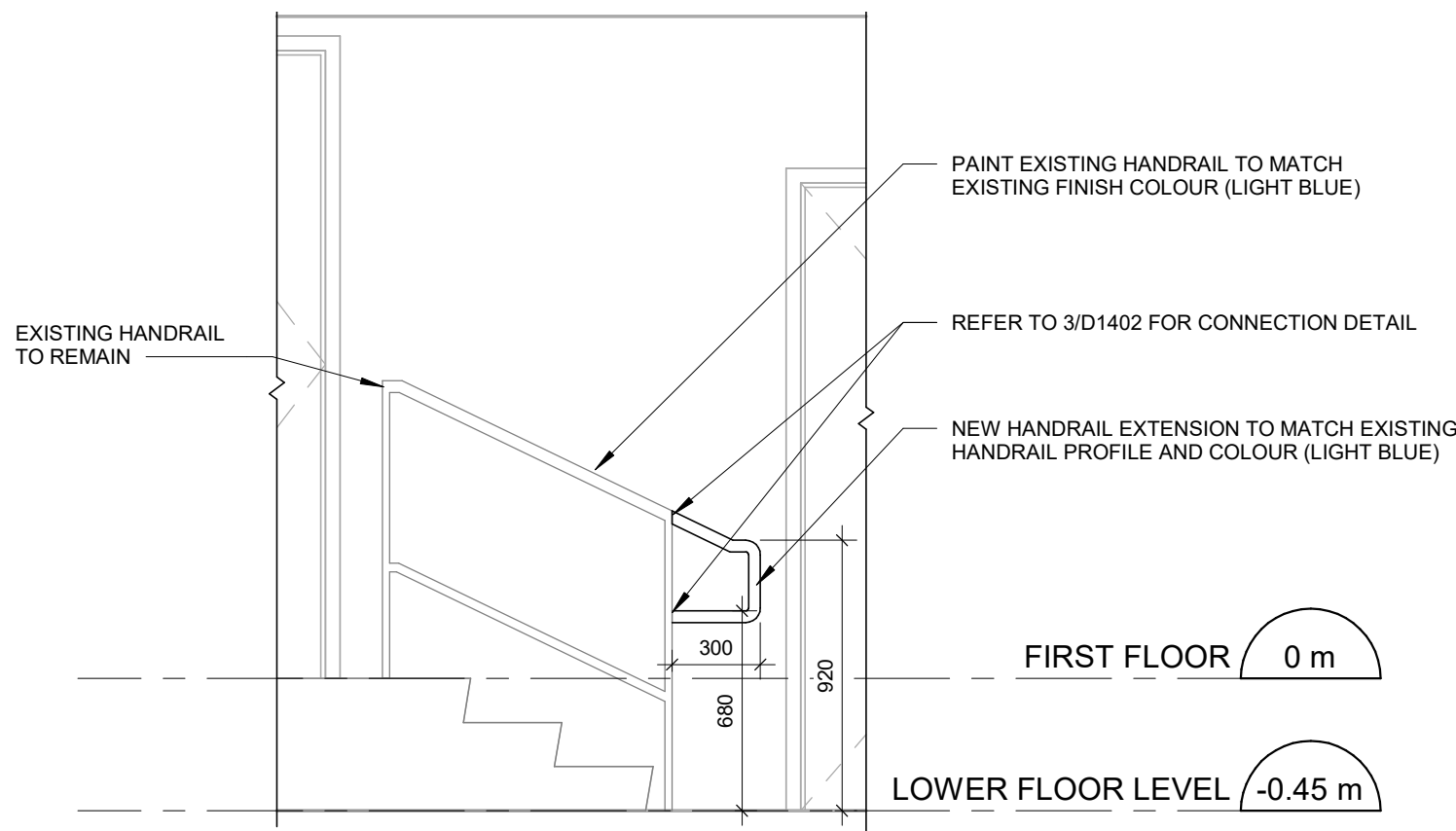




1 STAIR B - SECTION 1
A5214 Scale: 1 : 25



2 STAIR B - SECTION 2
A5214 Scale: 1 : 25



3 STAIR C1 - SECTION
A5214 Scale: 1 : 25

CONSTRUCTION KEY NOTES	
NO	DESCRIPTION
C	INSTALL NEW GUARDRAIL AND HANDRAIL ON STEEL STAIR - REFER TO TYPICAL DETAILS 2/D1401, 5/D1401, 1/D1403.
I	INSTALL HANDRAIL WARNING STRIP - REFER TO DETAIL 8/D1405 AND 10/D1405.
R	INSTALL NEW HANDRAIL - REFER TO DETAILS 1/D1401, 3/D1401, 2/1403, 3/1403, 4/D1402.
S	INSTALL NEW GUARDRAIL - REFER TO DETAILS 5/D1401, 6/D1401, 1/D1403.

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No.	DESCRIPTION	DATE
A	50% SUBMISSION	2022-04-27
B	90% SUBMISSION	2022-07-29
C	ISSUED FOR PERMIT	2022-07-29
D	ISSUED FOR TENDER	2022-09-27

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ibigroup.com

PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**ELLESMERE YARD,
BUILDING D
1050 ELLESMERE RD**

PROJECT NO:
122260

DRAWN BY:
A. BOYNARIAN

CHECKED BY:
K. TILAHUN

PROJECT MGR:
N. FRISCIC

APPROVED BY:
M. KOTBY

SHEET TITLE
STAIR B & C SECTIONS

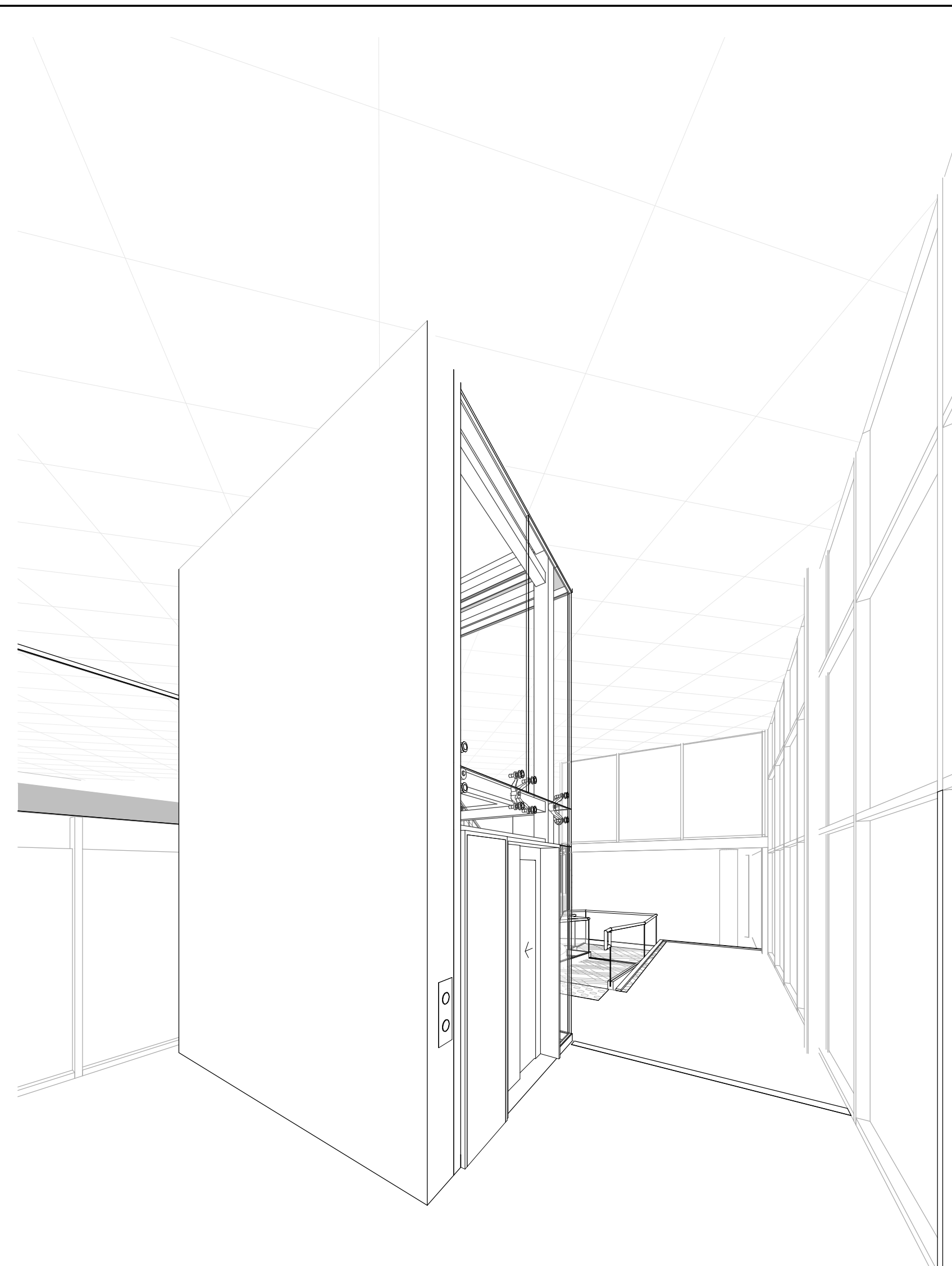
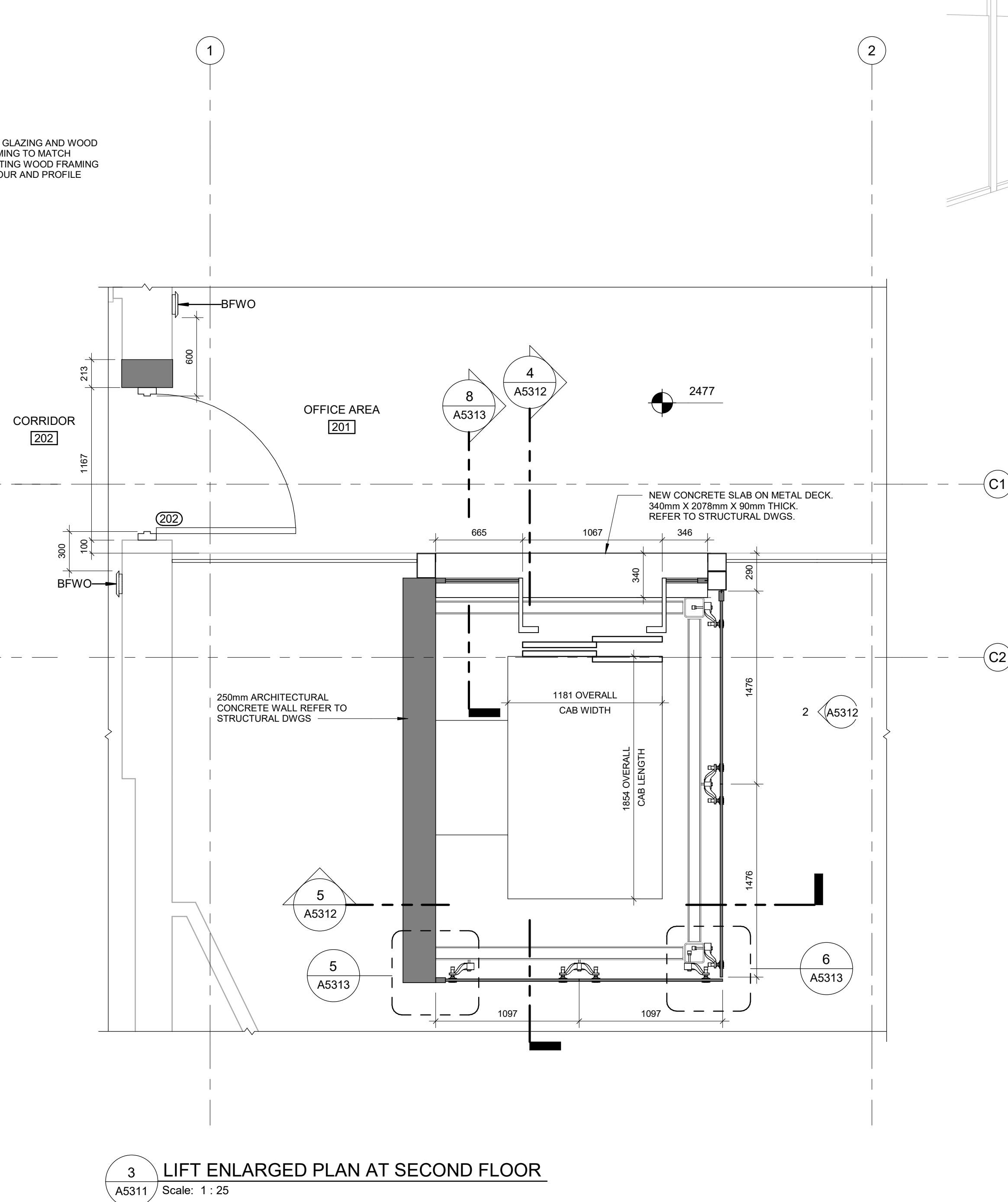
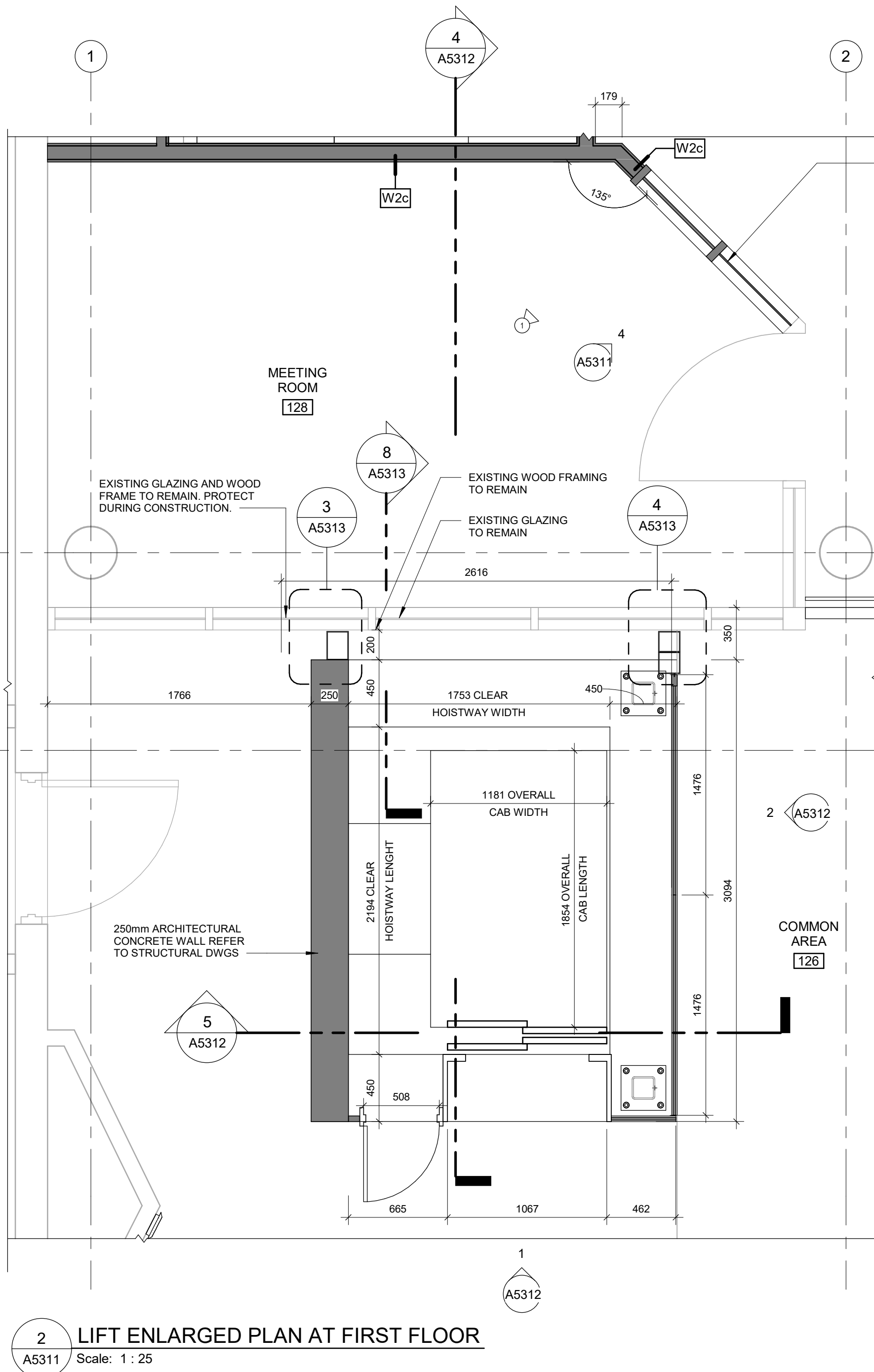
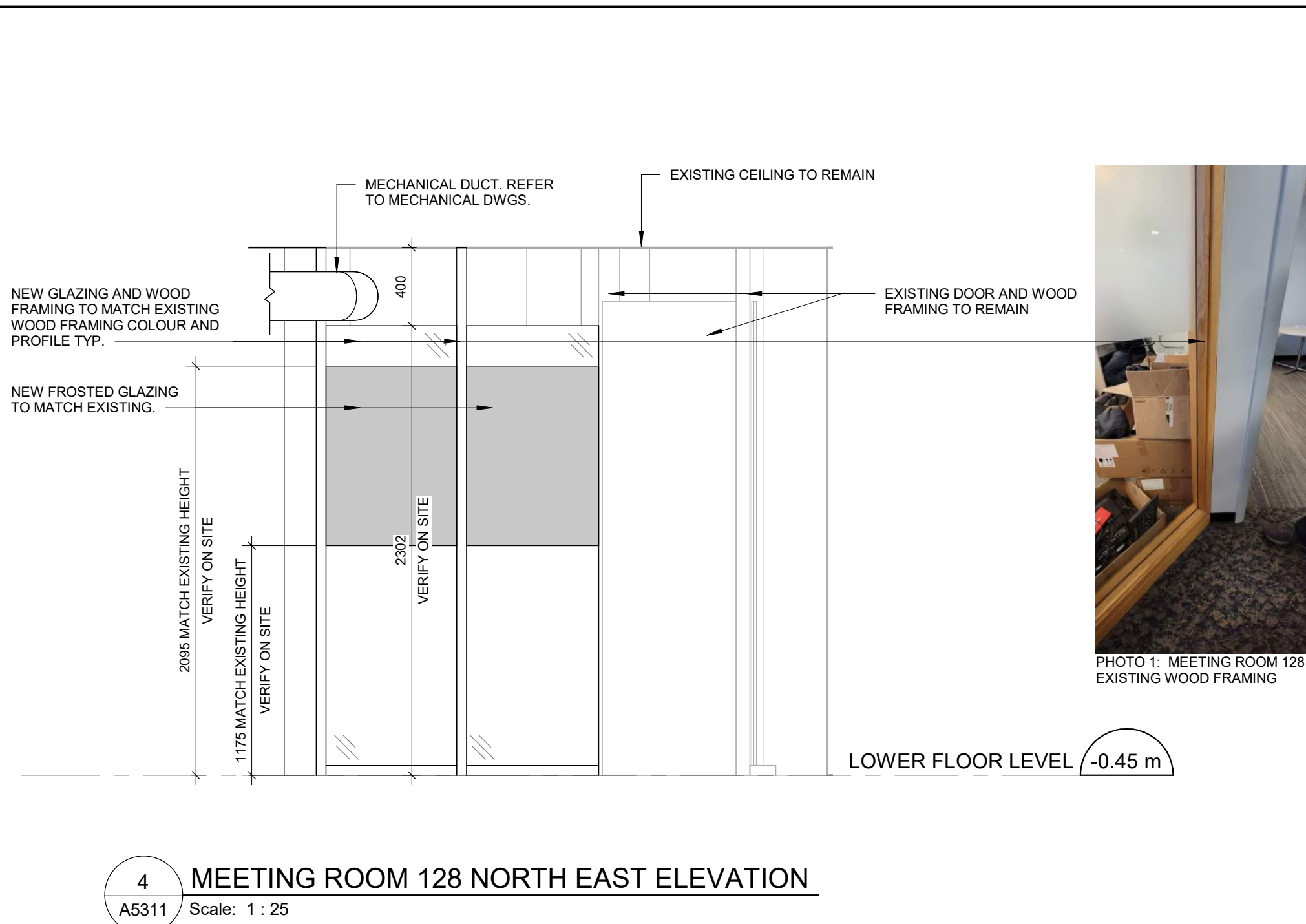
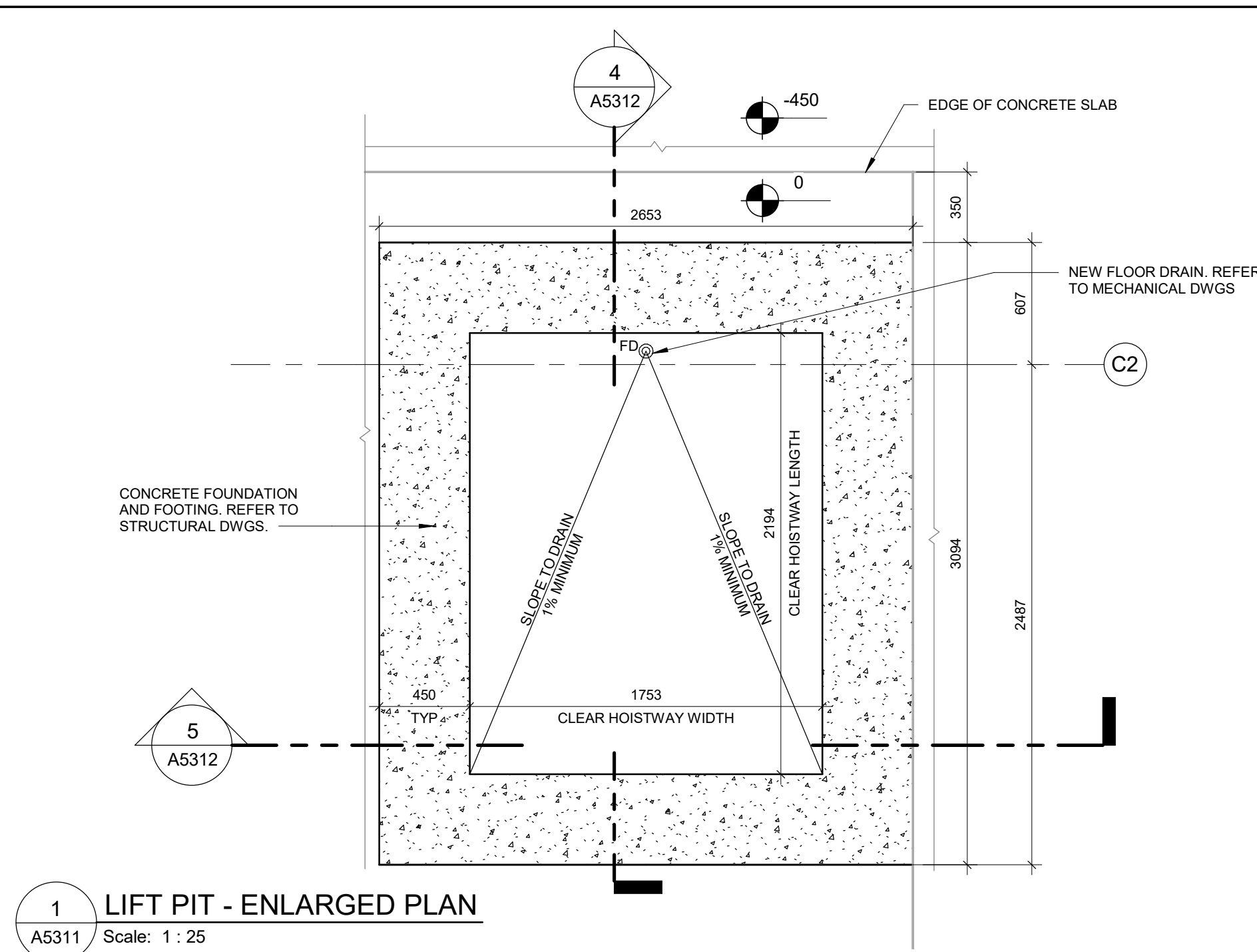
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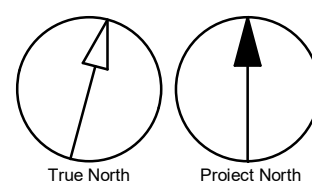
ISSUE

D

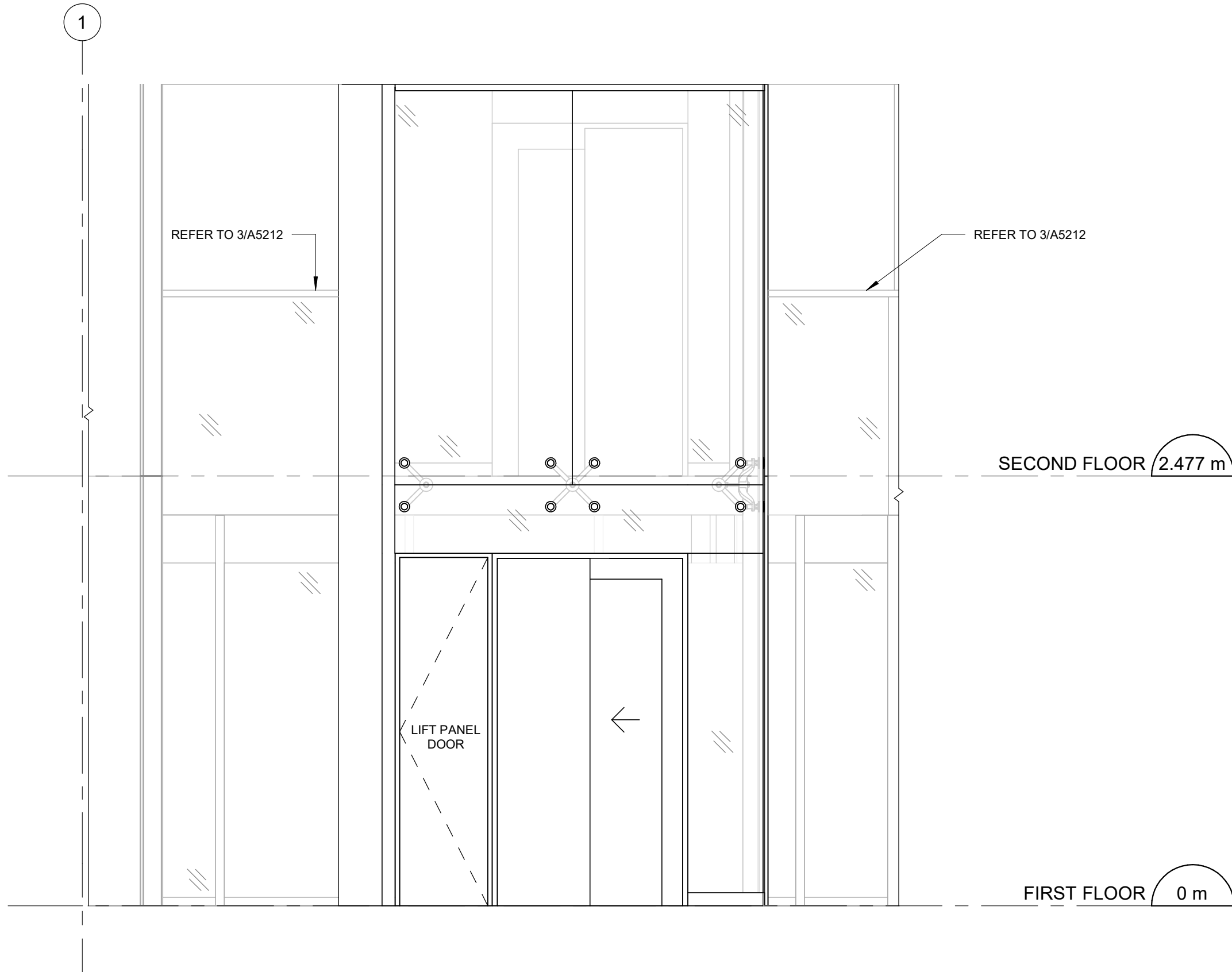
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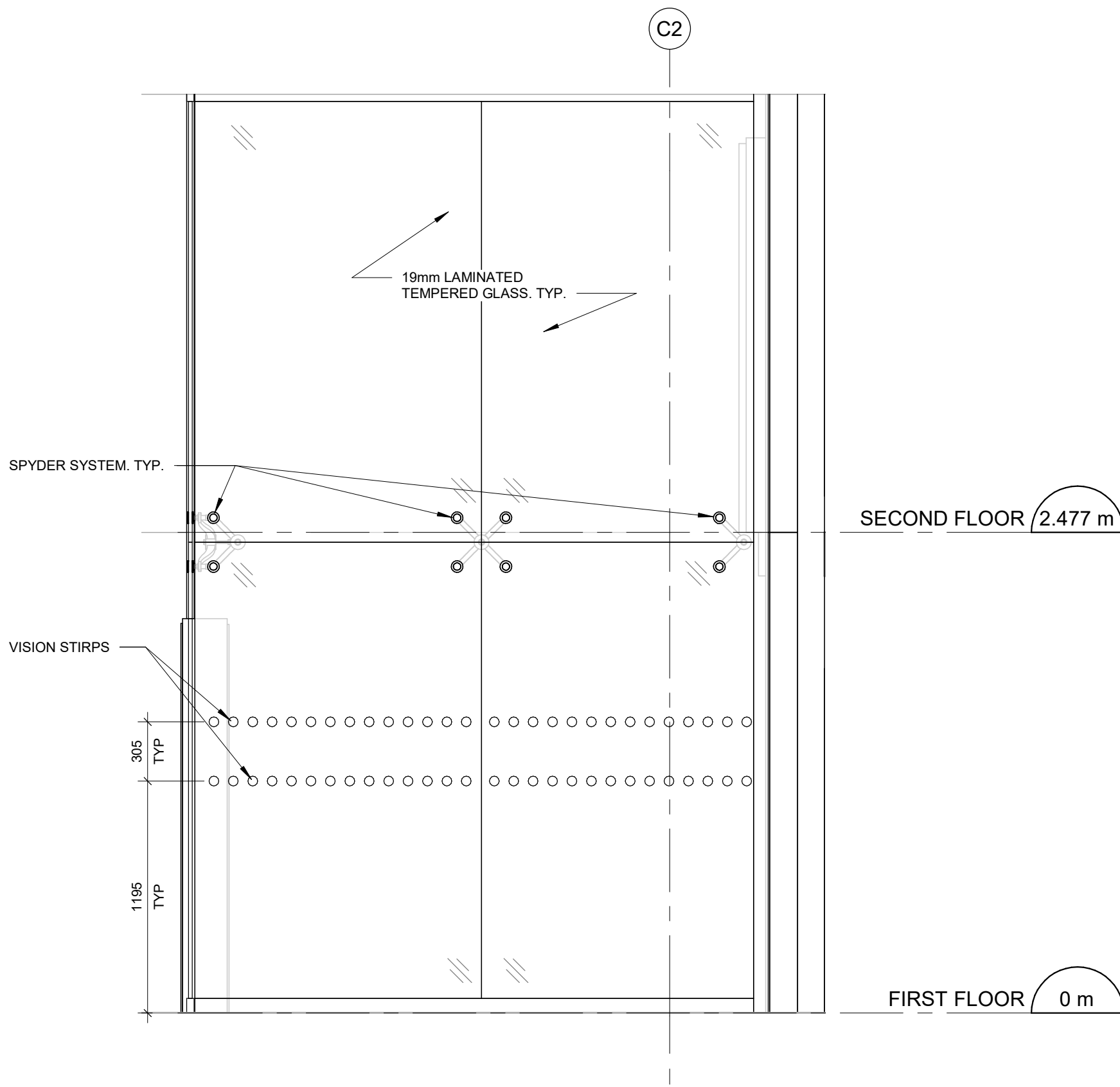
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Corporate Real Estate Management Project Management Office Metro Hall Toronto, ON MSV 3C6		
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IBI GROUP 175 Galaxy Blvd, Unit 100 Toronto, ON M9W 0C9, Canada tel 416 679 1930 fax 416 675 4620 ibigroup.com		
PROJECT TITLE		
CITY OF TORONTO ACCESSIBILITY UPGRADES		
PROJECT ADDRESS		
ELLESMERE YARD, BUILDING D 1050 ELLESMERE RD		
PROJECT NO: 122260		
DRAWN BY: A. BOYNARIAN		CHECKED BY: K. TILAHUN
PROJECT MGR: N. FRISCIC		APPROVED BY: M. KOTBY
SHEET TITLE		
LIFT & MEETING ROOM 128 - PLANS & ELEVATION		
SHEET NUMBER		ISSUE
G03-017-A5311		D



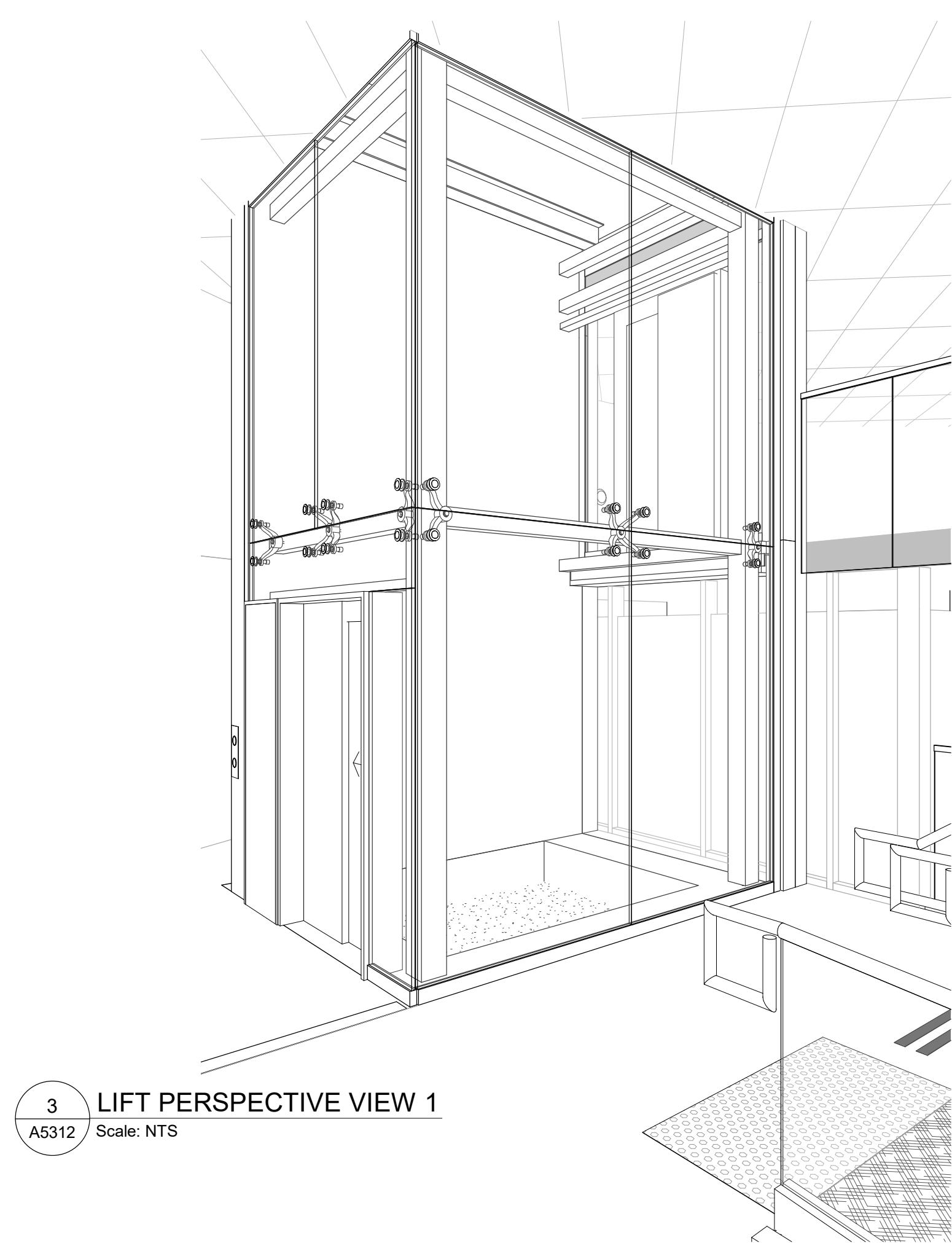
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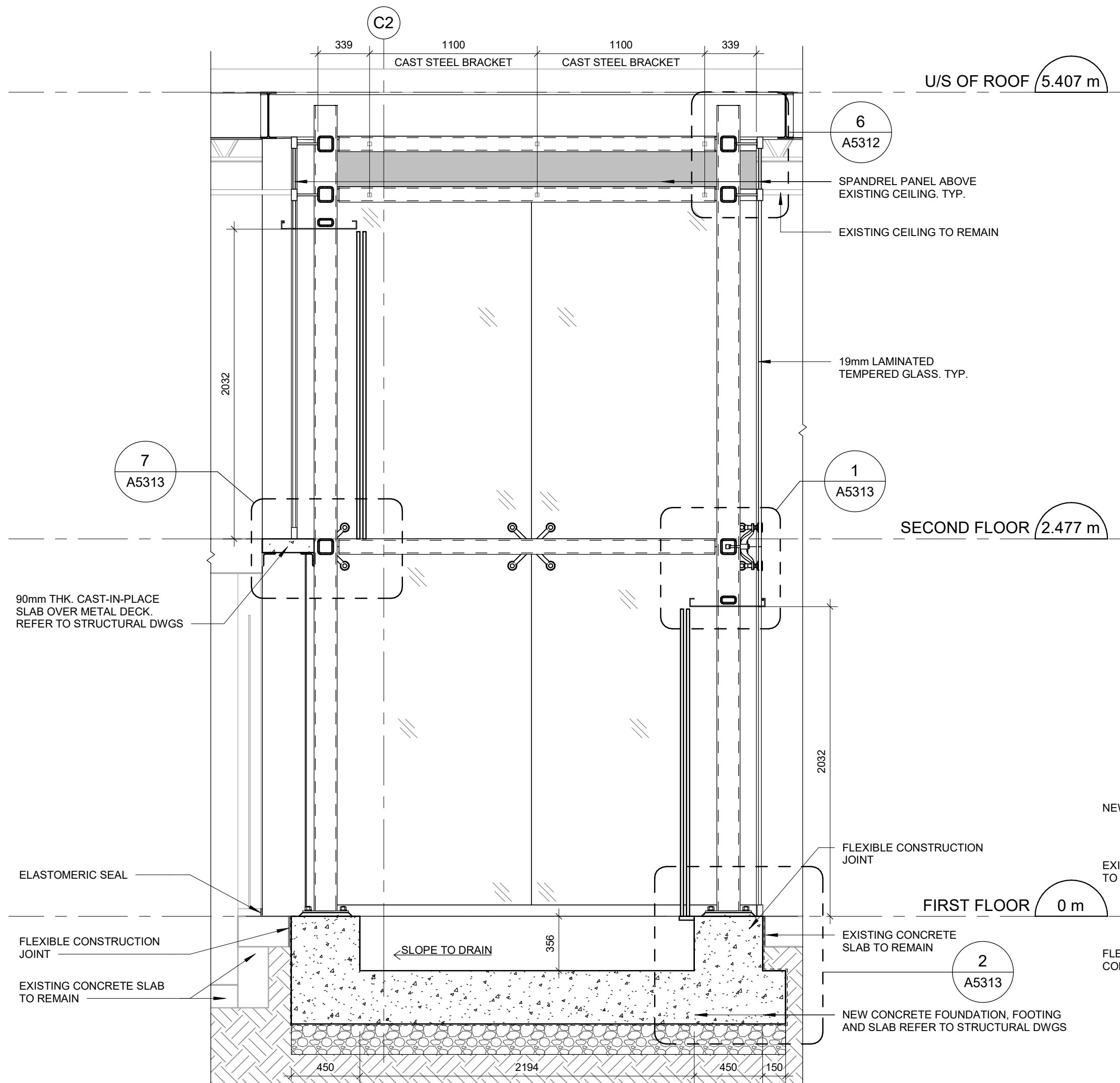
1 LIFT SOUTH ELEVATION
A5312 Scale: 1 : 25



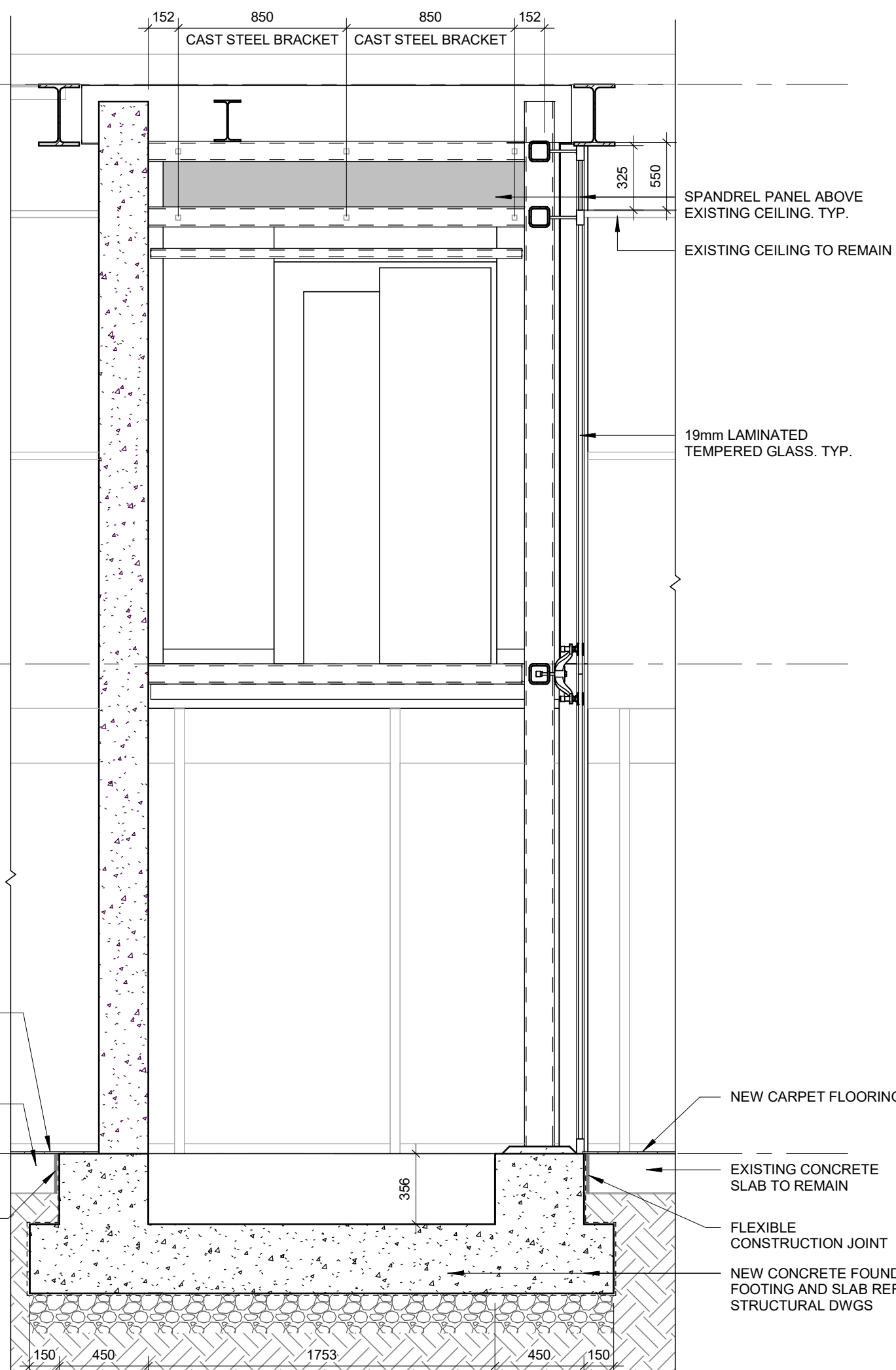
2 LIFT EAST ELEVATION
A5312 Scale: 1 : 25



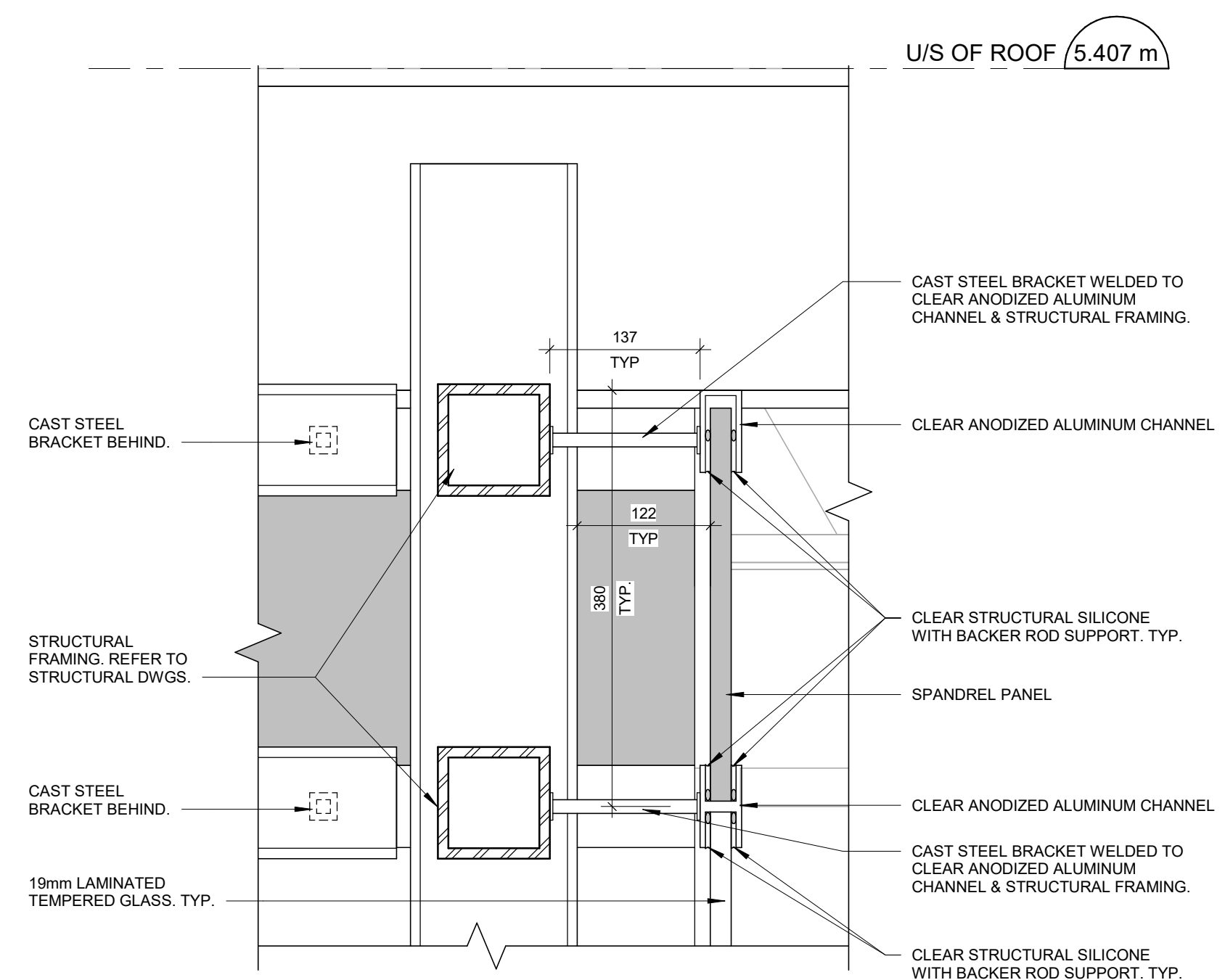
3 LIFT PERSPECTIVE VIEW 1
A5312 Scale: NTS



4 LIFT SECTION 1
A5312 Scale: 1 : 25



5 LIFT SECTION 2
A5312 Scale: 1 : 25



6 LIFT ENCLOSURE - TOP CONNECTION DETAIL TYP.
A5312 Scale: 1 : 5

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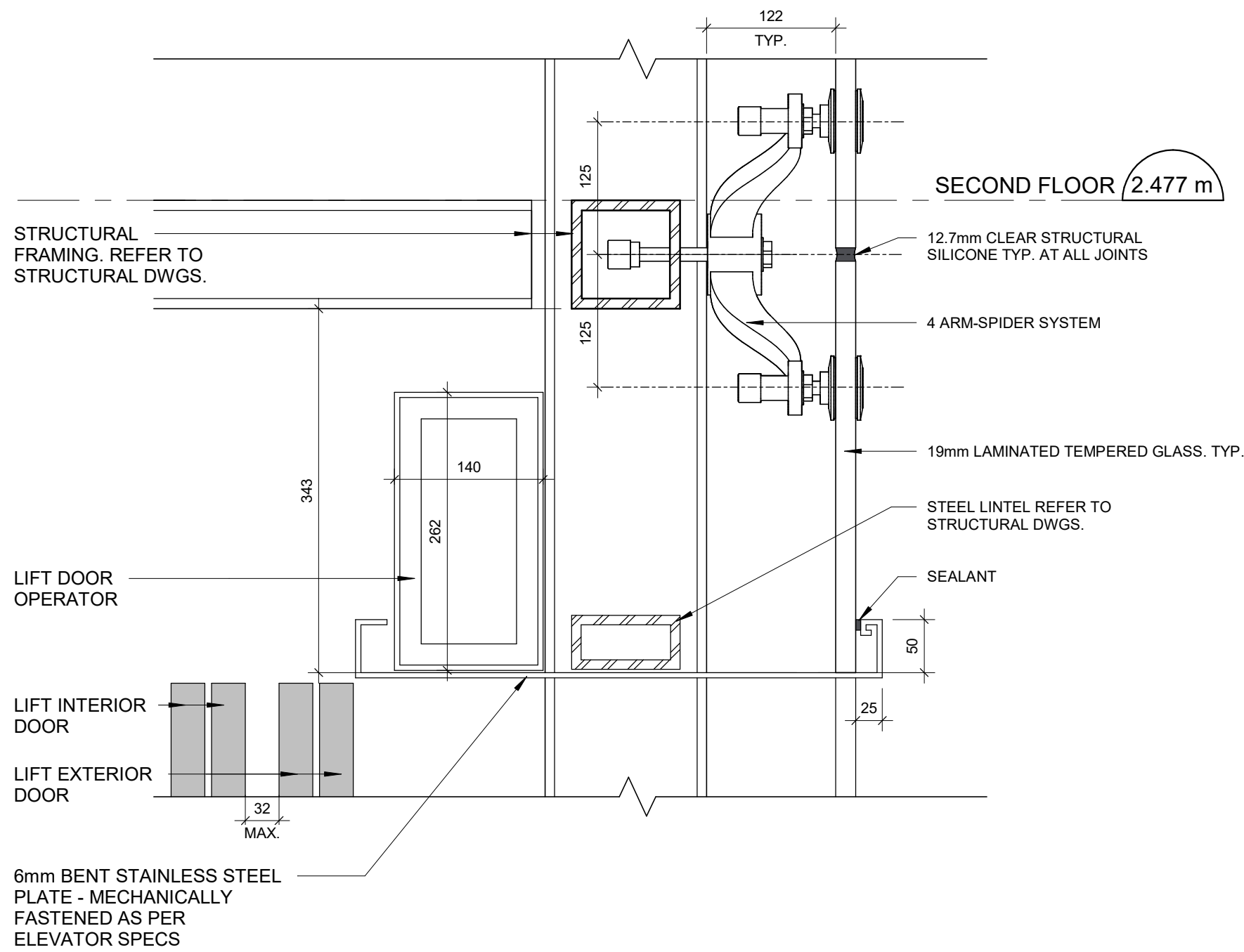
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ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**ELLESMERE YARD,
BUILDING D
1050 ELLESMERE RD**

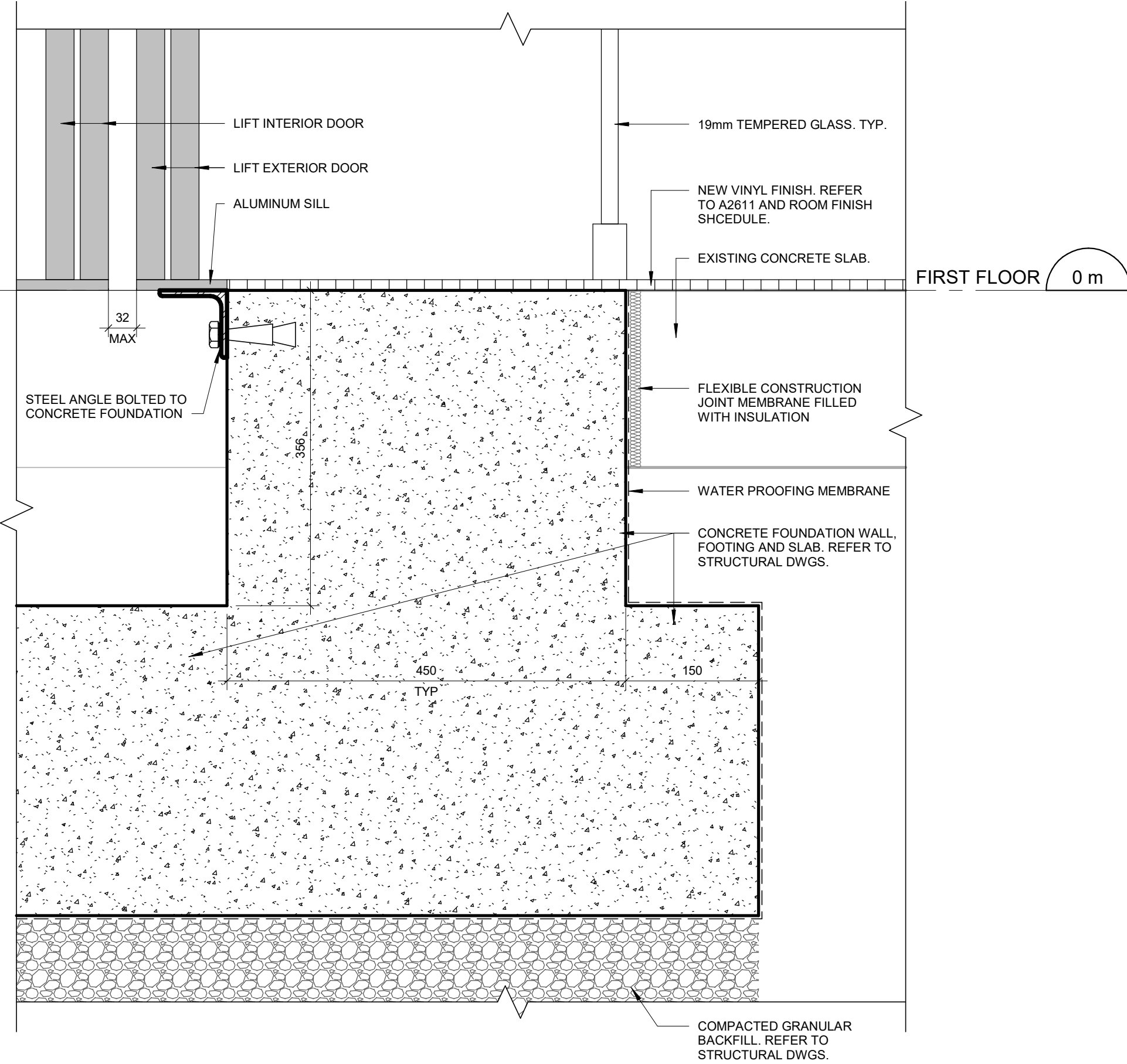
PROJECT NO:
122260
DRAWN BY:
A. BOYNARIAN
PROJECT MGR:
N. FRISCH
CHECKED BY:
K. TILAHUN
APPROVED BY:
M. KOTBY

SHEET TITLE
**LIFT ELEVATIONS AND
SECTION**

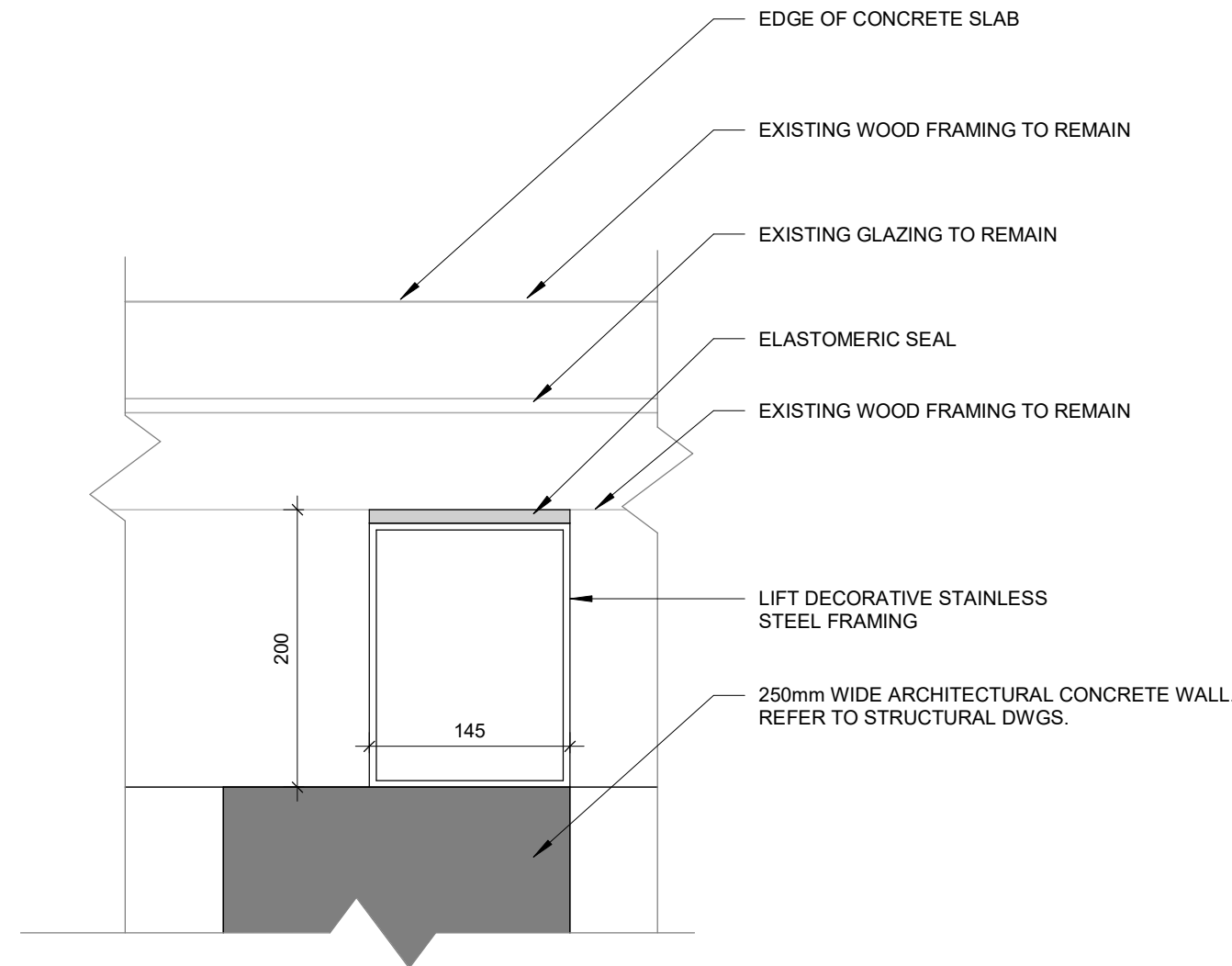
SHEET NUMBER
G03-017-A5312
ISSUE
D



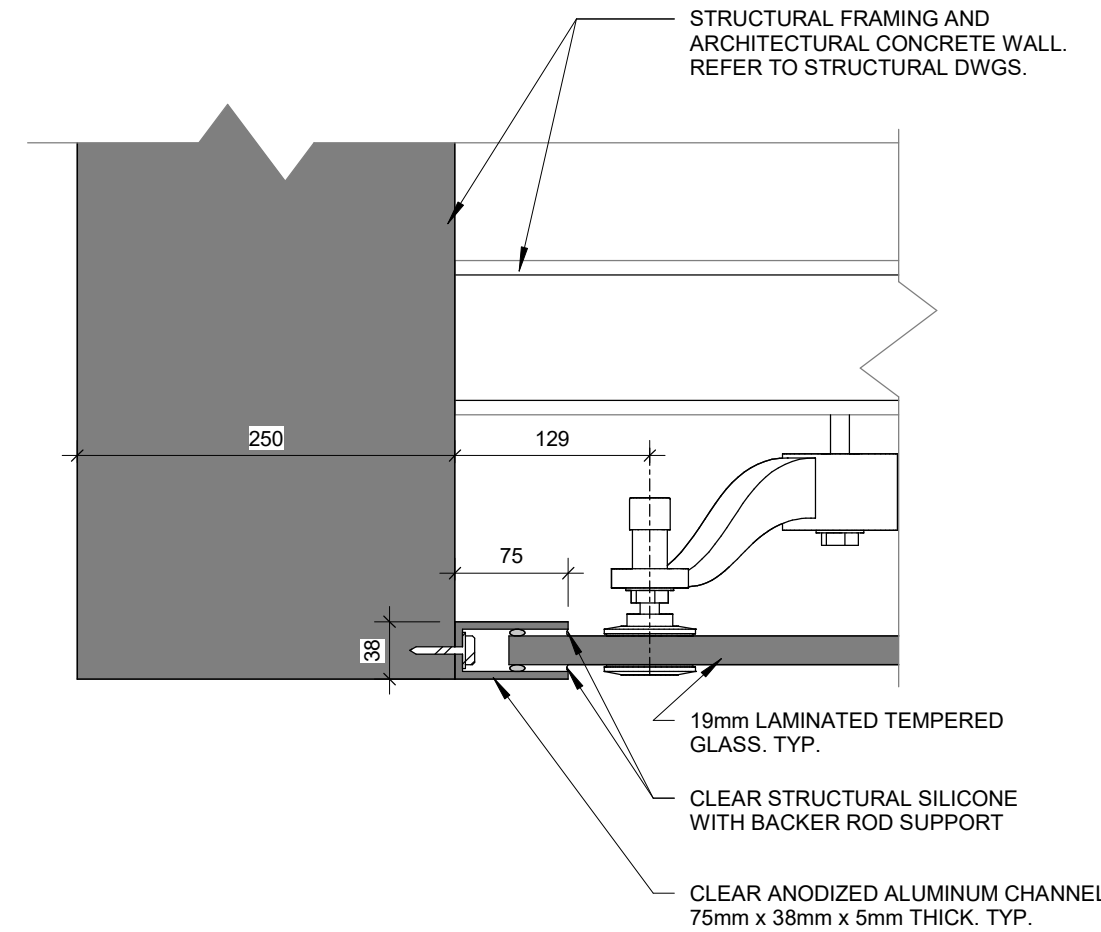
1 LIFT DOOR HEAD SECTION DETAIL TYP.
A5313 Scale: 1 : 5



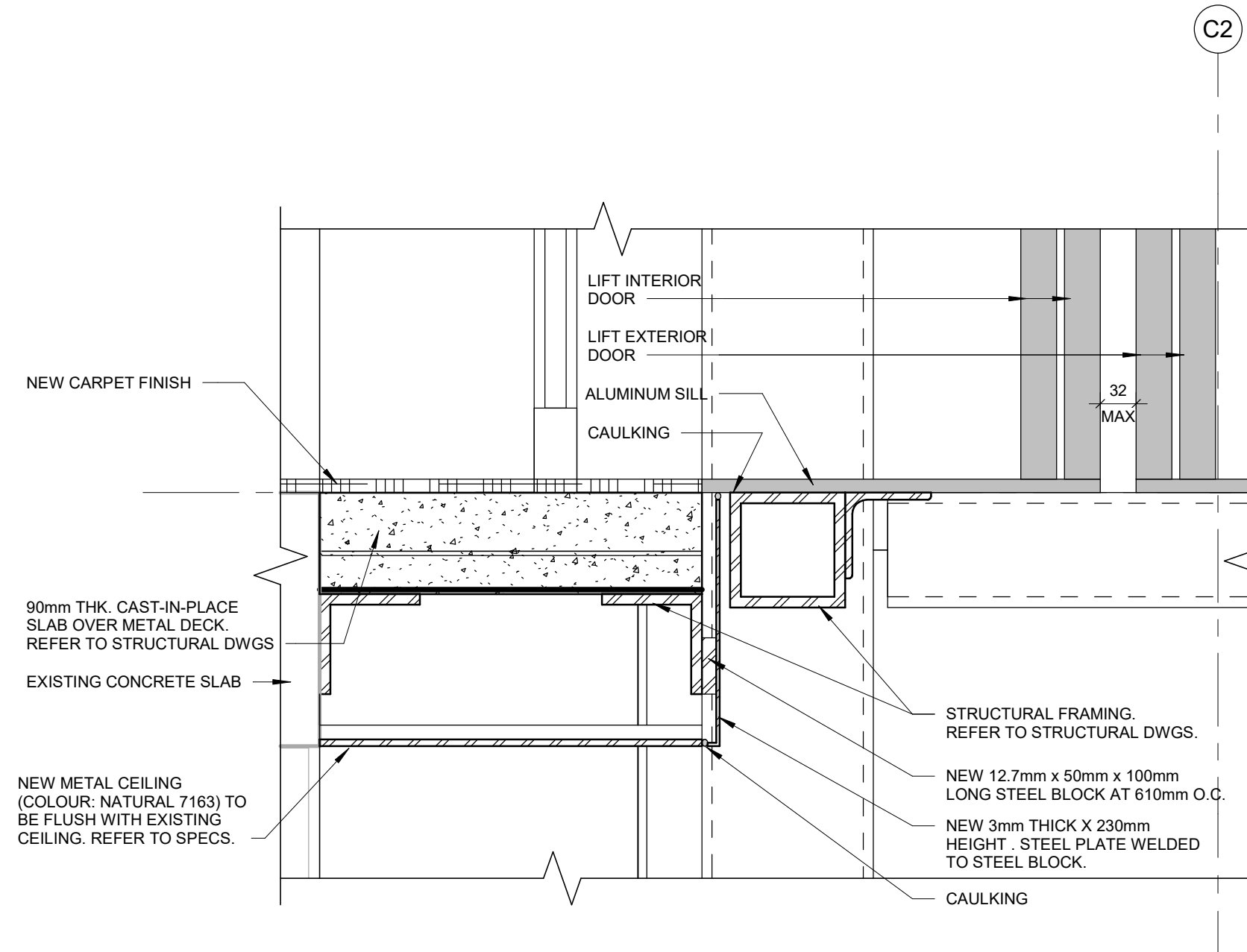
2 LIFT DOOR SILL SECTION DETAIL AT FIRST FLOOR
A5313 Scale: 1 : 5



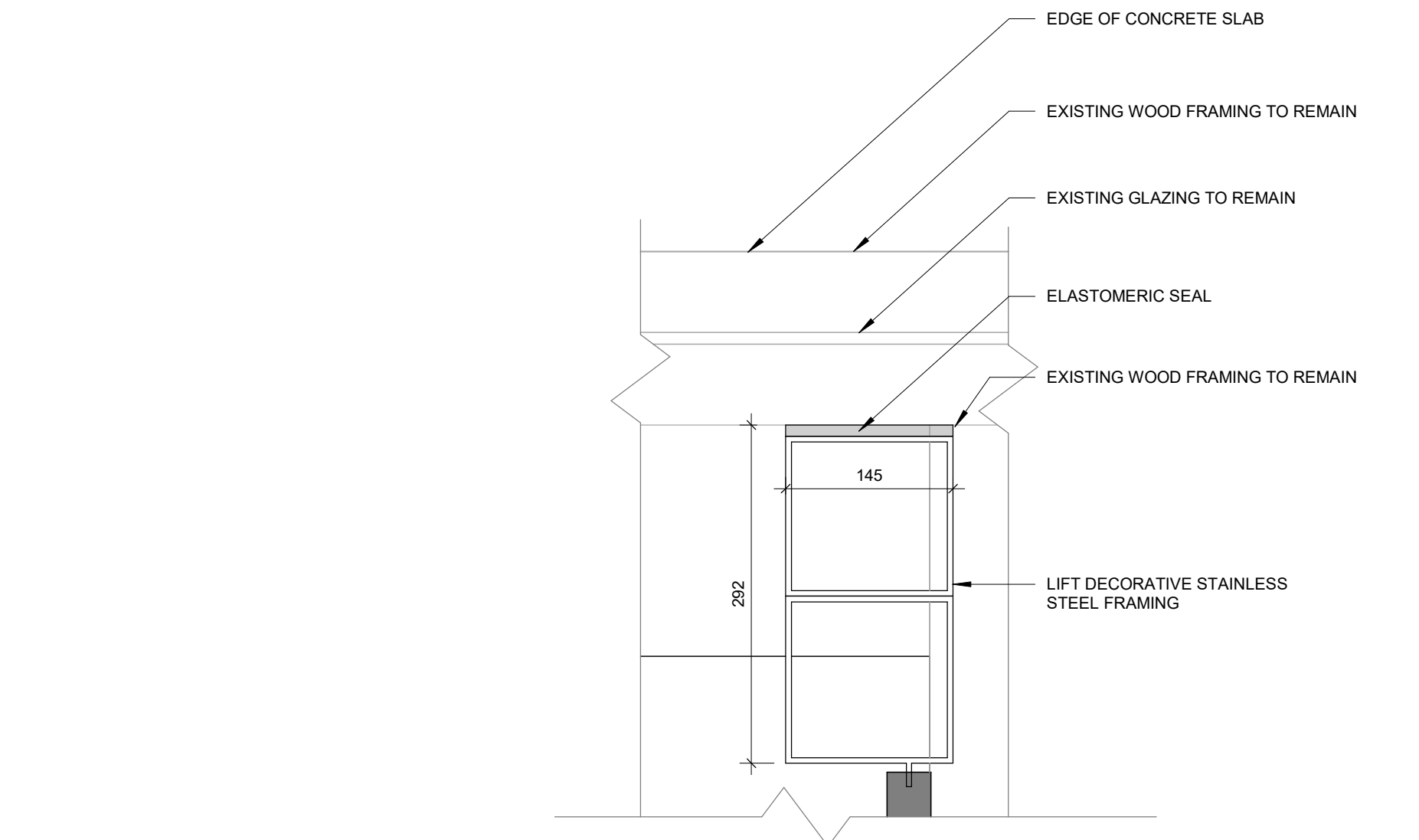
3 LIFT ENCLOSURE CONNECTION TO EXISTING GLAZING & WOOD FRAMING (WEST)
A5313 Scale: 1 : 5



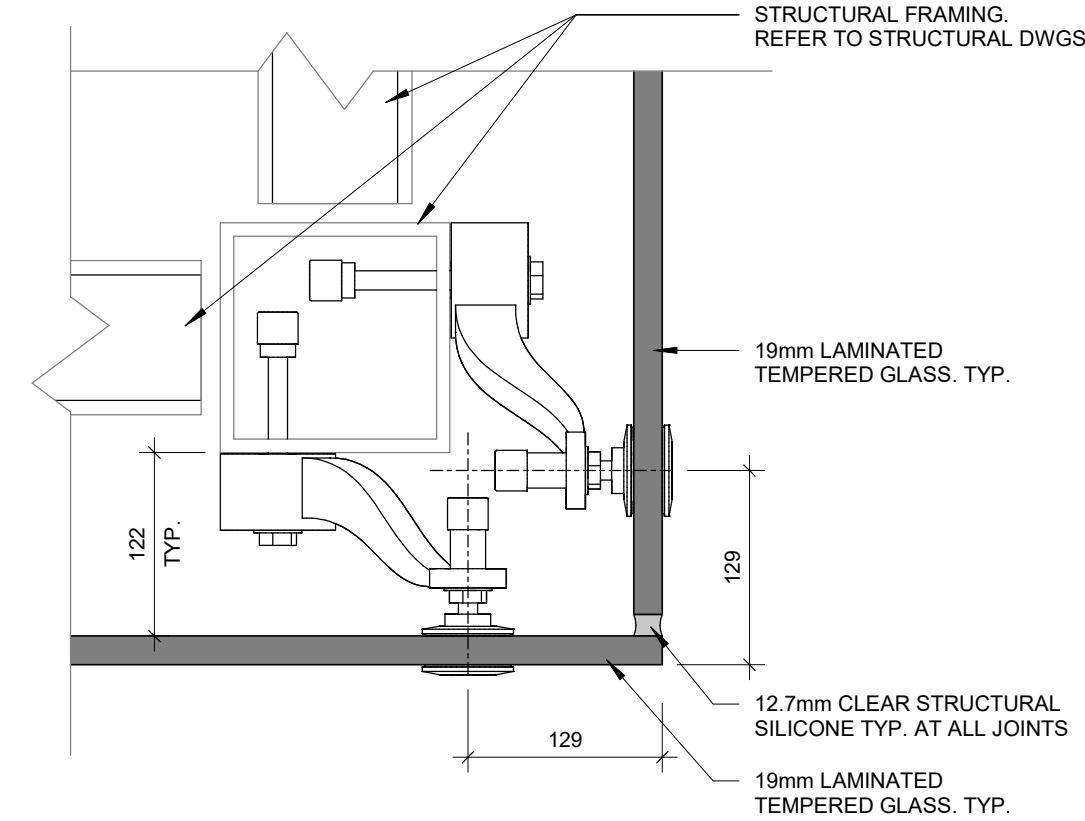
5 LIFT ENCLOSURE CONNECTION DETAIL. (WEST)
A5313 Scale: 1 : 5



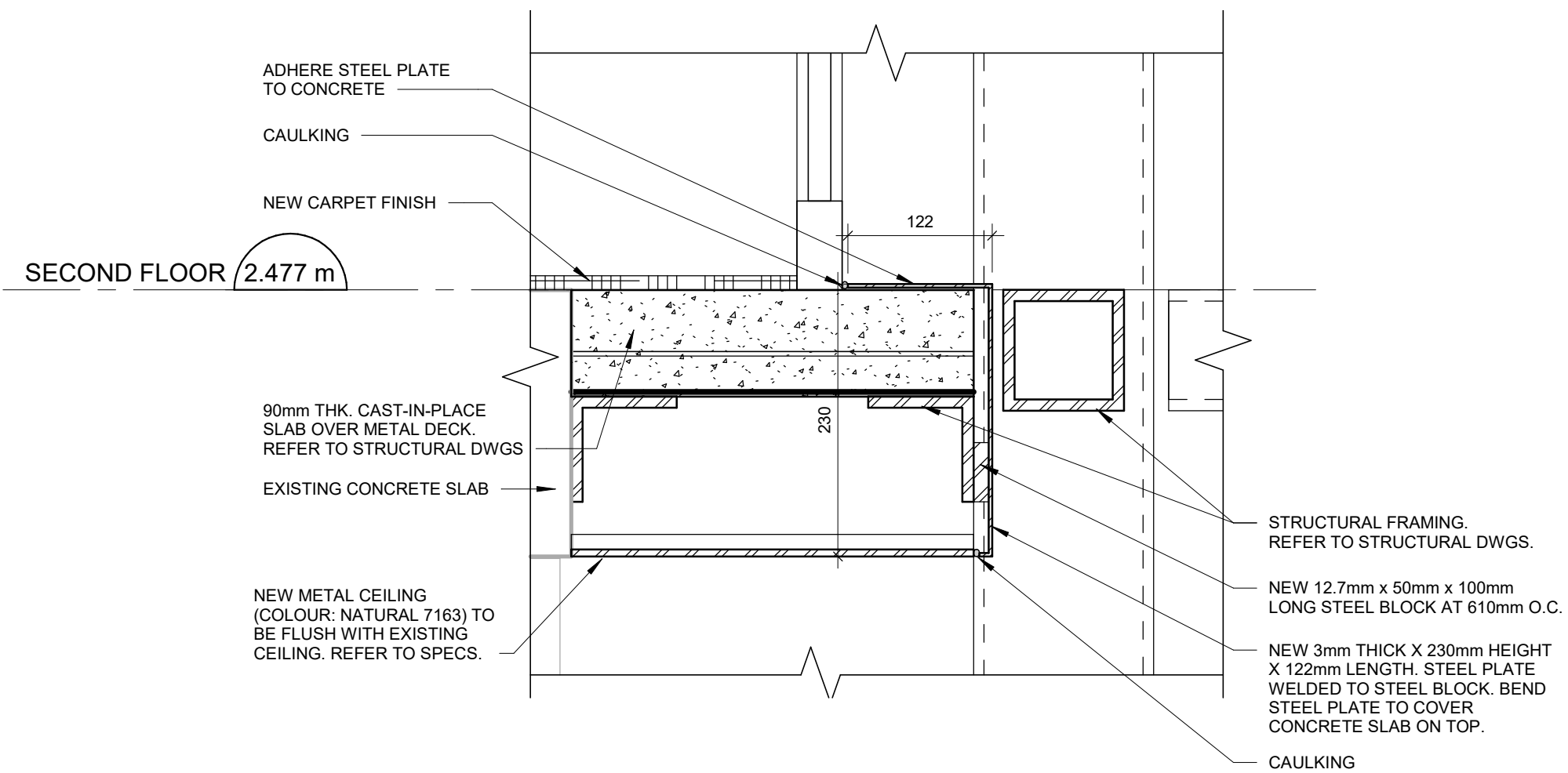
7 LIFT DOOR SILL SECTION DETAIL AT SECOND FLOOR
A5313 Scale: 1 : 5



4 LIFT ENCLOSURE CONNECTION TO EXISTING GLAZING & WOOD FRAMING (EAST)
A5313 Scale: 1 : 5



6 LIFT ENCLOSURE CONNECTION DETAIL. (EAST)
A5313 Scale: 1 : 5



8 SECOND FLOOR NEW CONCRETE SLAB COVER ON BOTH SIDES OF LIFT DOOR
A5313 Scale: 1 : 5

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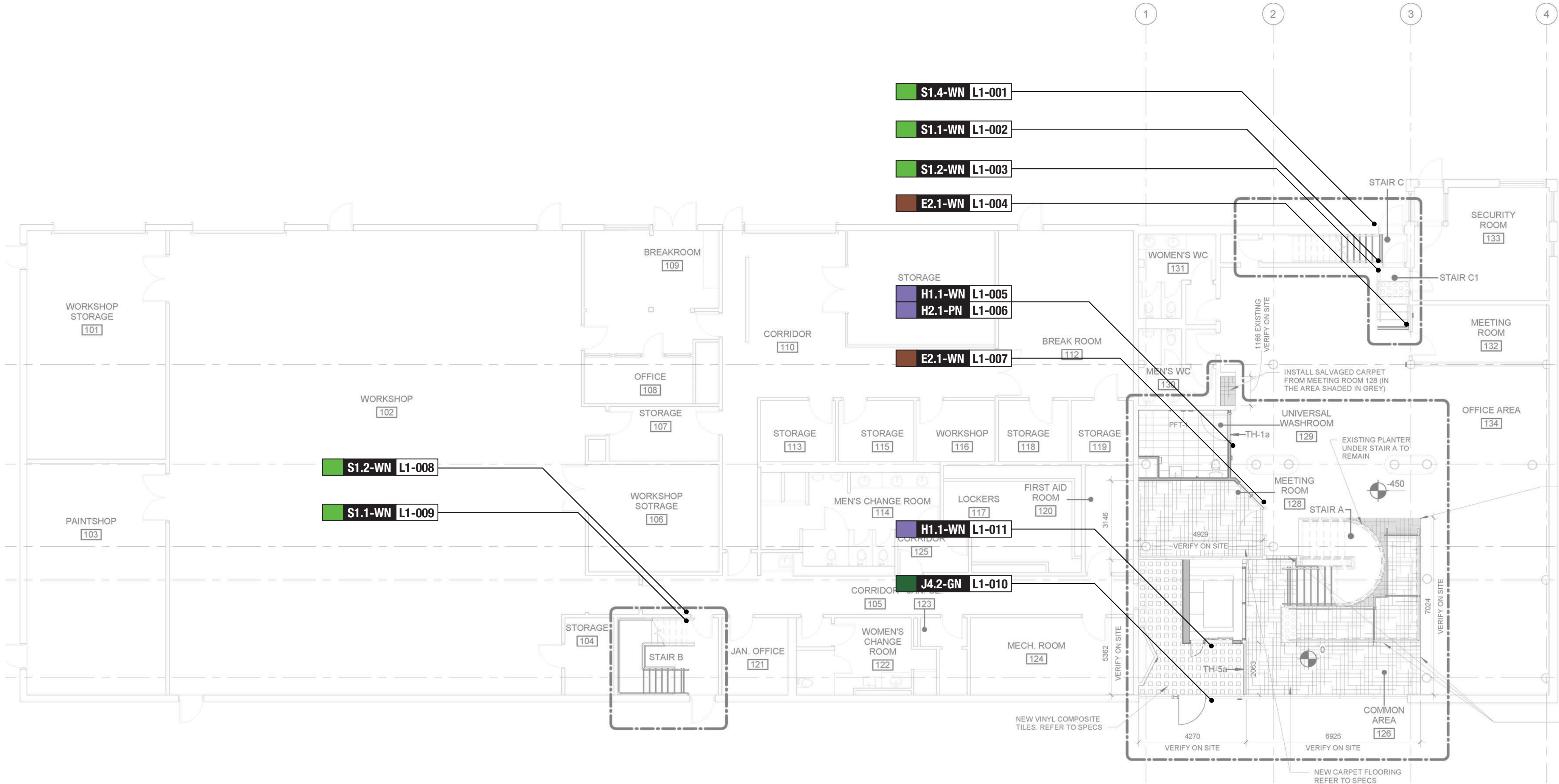
PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**ELLESMERE YARD,
BUILDING D
1050 ELLESMERE RD**

PROJECT NO:
122260
DRAWN BY:
A. BOYNARIAN
PROJECT MGR:
N. FRISCIC
CHECKED BY:
K. TILAHUN
APPROVED BY:
M. KOTBY

SHEET TITLE
LIFT DETAILS

SHEET NUMBER
G03-017-A5313
ISSUE
D

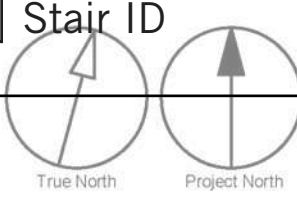


FLOOR FINISHES LEGEND	
	VINYL COMPOSITE TILE
	CARPET TILE
	PORCELAIN TILE
	FLOOR FINISH TO MATCH EXISTING REFER TO ROOM FINISH SCHEDULE
	DASHED AREA INDICATES AREA OF WORK

FLOOR FINISH GENERAL NOTES	
1	FLOOR FINISH PLANS TO BE READ IN CONJUNCTION WITH ROOM FINISH SCHEDULE AND SPECIFICATIONS.
2	CARPET TILE TO BE INSTALLED PRIOR TO INSTALLATION OF SYSTEMS FURNITURE.
3	PROTECT ALL NEW AND EXISTING FLOOR FINISHES WITH PLYWOOD SHEETS ANYWHERE OTHER CONSTRUCTION WORK IS STILL ONGOING.
4	CHANGE OF FLOORING MATERIAL TO OCCUR BELOW THE DOOR LEAF UNLESS OTHERWISE INDICATED.
5	WHERE A CHANGE OF MATERIAL THICKNESS OCCURS, PROVIDE THRESHOLD AS PER DETAILS AND SPECIFICATIONS.
6	PROVIDE REPLACEMENT FLOOR FINISH TO MATCH EXISTING FOR ANY FLOORING DAMAGED DUE TO WORK OF THIS PROJECT.

SIGN TAG LEGEND	
Signtype Colour	EX Exterior
Signtype	L0 Basement
	L1 Level 1
	L2 Level 2
	L3 Level 3
	Specific Sign Location
A1.1-WN L1-000	
Powered:	
Y Yes	
N No	
D Data	
Mounting Style:	
P Projecting	G Glass
S Suspended	C Column
F Freestanding	D Door
W Wall-mounted	T Transom

SIGN TAG LEGEND			
B LX-000 Directional	H LX-000 Amenity	G LX-000 Inside Stair ID	
E LX-000 Room ID	J LX-000 Entrance	S LX-000 Stair ID	



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No.	DESCRIPTION	DATE
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PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

ELLESMERE YARD. BLDG D
1050 ELLESMERE RD.

PROJECT NO:

9119 – 19 – 0162 / IBI 22260

DRAWN BY:

M. LOW

CHECKED BY:

C.D. SCHNOBB

PROJECT MGR:

R. DALY

APPROVED BY:

SHEET TITLE

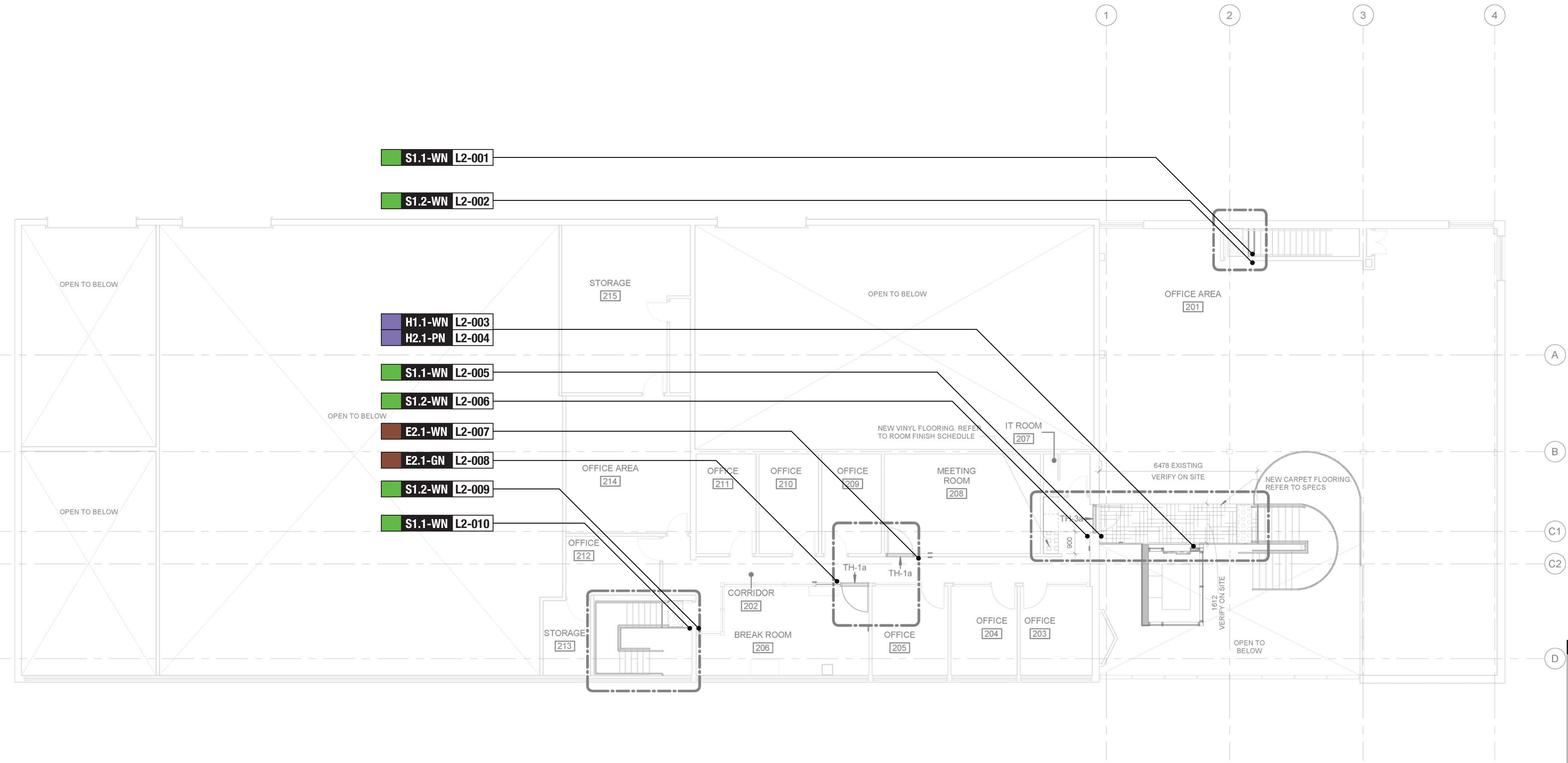
SIGNAGE & WAYFINDING
DETAILS
LEVEL 1 LOCATION PLAN

SHEET NUMBER

G03-017-A8010

ISSUE

A



FLOOR FINISHES LEGEND

	VINYL COMPOSITE TILE
	CARPET TILE
	PORCELAIN TILE
	FLOOR FINISH TO MATCH EXISTING REFER TO ROOM FINISH SCHEDULE
	DASHED AREA INDICATES AREA OF WORK

FLOOR FINISH GENERAL NOTES

1	FLOOR FINISH PLANS TO BE READ IN CONJUNCTION WITH ROOM FINISH SCHEDULE AND SPECIFICATIONS.
2	CARPET TILE TO BE INSTALLED PRIOR TO INSTALLATION OF SYSTEMS FURNITURE.
3	PROTECT ALL NEW AND EXISTING FLOOR FINISHES WITH PLYWOOD SHEETS ANYWHERE OTHER CONSTRUCTION WORK IS STILL ONGOING.
4	CHANGE OF FLOORING MATERIAL TO OCCUR BELOW THE DOOR LEAF UNLESS OTHERWISE INDICATED.
5	WHERE A CHANGE OF MATERIAL THICKNESS OCCURS, PROVIDE THRESHOLD AS PER DETAILS AND SPECIFICATIONS.
6	PROVIDE REPLACEMENT FLOOR FINISH TO MATCH EXISTING FOR ANY FLOORING DAMAGED DUE TO WORK OF THIS PROJECT.

SIGN TAG LEGEND

Signtype Colour	Signtype	EX Exterior	Specific Sign Location
		L0 Basement	
		L1 Level 1	
		L2 Level 2	
		L3 Level 3	
		Powered:	
		Y Yes	
		N No	
		D Data	
		Mounting Style:	
		P Projecting	G Glass
		S Suspended	C Column
		F Freestanding	D Door
		W Wall-mounted	T Transom

SIGN TAG LEGEND

B LX-000 Directional	H LX-000 Amenity	G LX-000 Inside Stair ID
E LX-000 Room ID	J LX-000 Entrance	S LX-000 Stair ID



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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**ELLESMERE YARD. BLDG D
1050 ELLESMERE RD.**

PROJECT NO:
9119 – 19 – 0162 / IBI 22260

DRAWN BY: M. LOW	CHECKED BY: C.D. SCHNOBB
PROJECT MGR: R. DALY	APPROVED BY:

SHEET TITLE
**SIGNAGE & WAYFINDING
DETAILS
LEVEL 2 LOCATION PLAN**

SHEET NUMBER G03-017-A8020	ISSUE A
--------------------------------------	-------------------

KEYPLAN

L1

L2

SIGN CODE	LEVEL	LOC #	SIGN TYPE DESCRIPTION	SIDE A	SIDE B
				MESSAGE (English)	MESSAGE (English)
S1.4	L1	001	Stair ID - Exterior Door	[stair up picto] Floor 1 Braille Stairwell C TBD Braille	
S1.1	L1	002	Stair ID - Inside Stairwell	[stair picto] Floor 1 Braille Stairwell C TBD Braille	
S1.2	L1	003	Stair ID - Corridor Side	[stair picto] Floor 1 Braille Stairwell C TBD Braille	
E2.1	L1	004	Room ID	Meeting Room 132 Braille	
H1.1	L1	005	Amenity ID	[accessible universal washroom picto] Washroom Braille	
H2.1	L1	006	Projecting Amenity ID	[accessible universal washroom picto] Washroom	[accessible universal washroom picto] Washroom
E2.1	L1	007	Room ID	Meeting Room 128 Braille	
S1.2	L1	008	Stair ID - Corridor Side	Floor 1 Braille Stairwell B TBD Braille	
S1.1	L1	009	Stair ID - Inside Stairwell	[stair picto] Floor 1 Braille Stairwell B TBD Braille	
J4.2	L1	010	Accessible Entrance ID - Exterior	[accessible picto] Main Entrance Braille	
H1.1	L1	011	Amenity ID	[elevator picto] Elevator Braille	
S1.1	L2	001		Floor 2 Braille Stairwell C TBD Braille	

SIGN TYPE	SIGN TYPE DESCRIPTION	COUNT
B1.1	Directional	0
E2.1	Room ID	4
E2.2	Line Room ID	0
E4	Insert Holder	0
H1.1	Amenity ID	3
H2.1	Projecting Amenity ID	2
J4.2	Accessible Entrance ID - Exterior	1
S1.1	Stair ID - Inside Stairwell	5
S1.2	Stair ID - Corridor Side	5
S1.3	Stair ID - Roof Exit, Inside Stairwell	0
S1.4	Stair ID - Exterior Door	1
Total		21

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No.	DESCRIPTION	DATE
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PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

ELLESMERE YARD. BLDG D
1050 ELLESMERE RD.

PROJECT NO:

9119 – 19 – 0162 / IBI 22260

DRAWN BY:

M.LOW

CHECKED BY:

C.D. SCHNOBB

PROJECT MGR:

R. DALY

APPROVED BY:

SHEET TITLE

SIGNAGE & WAYFINDING
DETAILS
MESSAGE SCHEDULE

SHEET NUMBER

G03-017-A8100

ISSUE

A

C:\Users\ana.bonnyan\Desktop\TAU-G31 - 100 QUEEN ST WEST - CITY HALL.rvt

SCALE CHECK

1 of 1

KEYPLAN

SIGN CODE	LEVEL	LOC #	SIGN TYPE DESCRIPTION	SIDE A	SIDE B
				MESSAGE (English)	MESSAGE (English)
S1.2	L2	002		[stair picto] Floor 2 Braille Stairwell C TBD Braille	
H1.1	L2	003		[elevator picto] Elevator Braille	
H2.1	L2	004		[elevator picto] Elevator	[elevator picto] Elevator
S1.1	L2	005		Floor 2 Braille Stairwell A TBD Braille	
S1.2	L2	006		[stair picto] Floor 2 Braille Stairwell A TBD Braille	
E2.1	L2	007		Meeting Room 208 Braille	
E2.1	L2	008		Break Room Braille	
S1.2	L2	009		[stair picto] Floor 2 Braille Stairwell B TBD Braille	
S1.1	L2	010		Floor 2 Braille Stairwell B TBD Braille	

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PROJECT NO: 9119 – 19 – 0162 / IBI 22260	
DRAWN BY: M.LOW	CHECKED BY: C.D. SCHNOBB
PROJECT MGR: R. DALY	APPROVED BY:

SHEET TITLE
SIGNAGE & WAYFINDING
DETAILS
MESSAGE SCHEDULE

SHEET NUMBER	ISSUE
G03-017-A8101	A

Sheet List	
Sheet Number	Sheet Name
06 - Structural	
S0001	DRAWING LIST
S1201	SITE PLAN
S2001	FIRST FLOOR - DEMOLITION PLAN
S2003	ROOF - DEMOLITION PLAN
S2100	FOUNDATION PLAN PROPOSED PLAN
S2501	FIRST FLOOR - PROPOSED PLAN
S2502	SECOND FLOOR - PROPOSED PLAN
S2503	ROOF - PROPOSED PLAN
S5301	LIFT - ENLARGED DEMOLITION PLANS AND SECTIONS
S5302	LIFT - PLAN
S5303	LIFT - SECTION
S5304	LIFT - DETAIL
S5601	RAMP - PLANS
S5602	RAMP - SECTIONS

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tel 416 679 1930 fax 416 675 4620

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PROJECT TITLE
CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

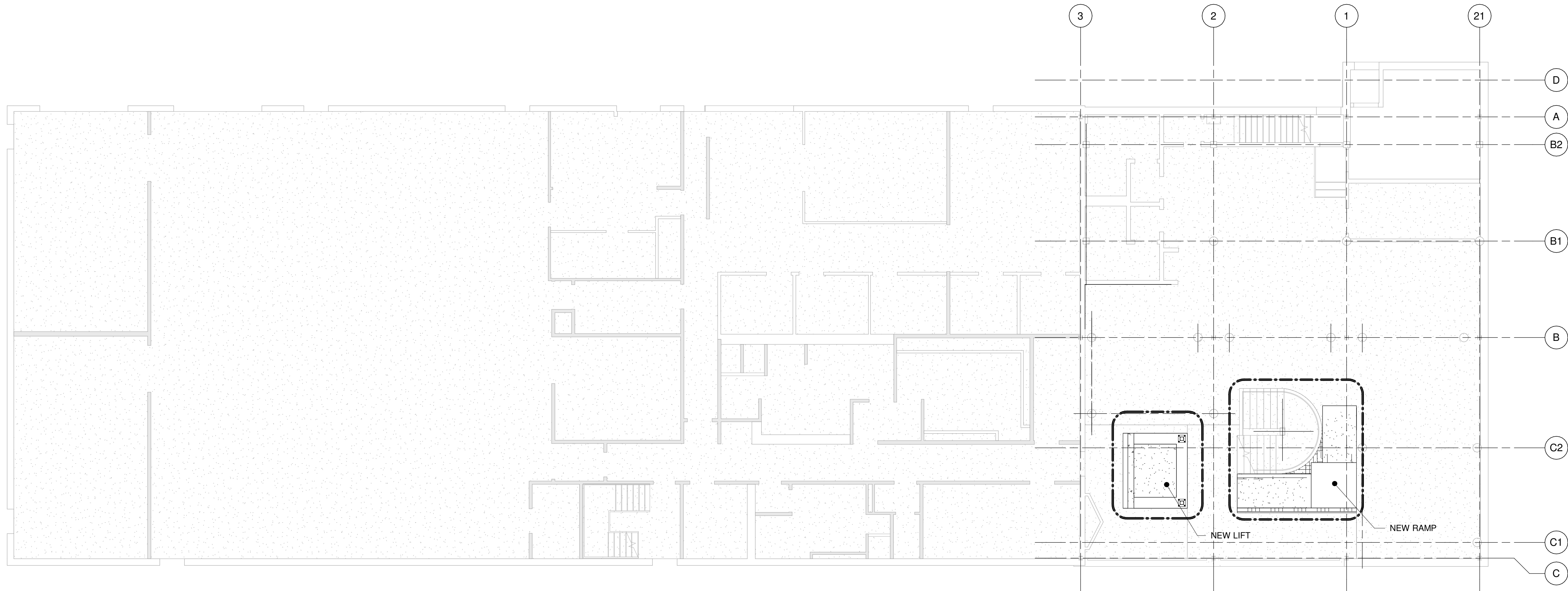
Ellesmere Yard, Building D
1050 Ellesmere Rd

PROJECT NO:
122260

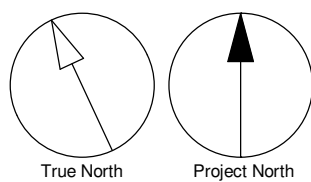
DRAWN BY: L. CHATZIGIANNAKOS	CHECKED BY: M. FAYAZI
PROJECT MGR: N. FRISCIC	APPROVED BY: K. ANGER

SHEET TITLE
DRAWING LIST

SHEET NUMBER G03-017-S0001	ISSUE D
--------------------------------------	-------------------



1 SITE PLAN
S1201 Scale: 1 : 100



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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

Ellesmere Yard, Building D
1050 Ellesmere Rd

PROJECT NO:
122260

DRAWN BY:
L. CHATZIGIANNAKOS

CHECKED BY:
M. FAYAZI

PROJECT MGR:
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SHEET TITLE
SITE PLAN

SHEET NUMBER

G03-017-S1201

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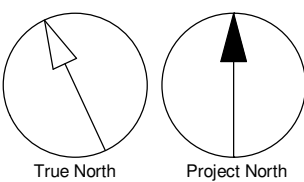
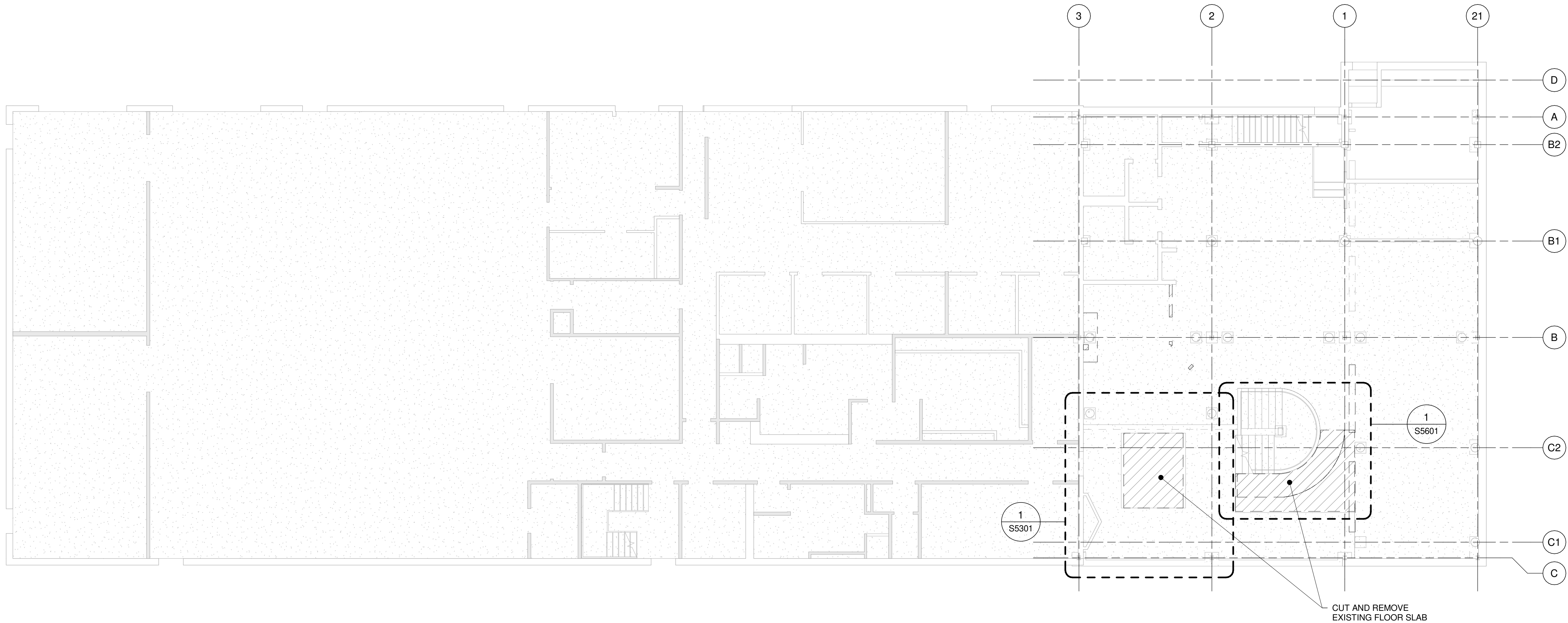
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2022-12-12 10:10:56 AM

1
S2001

DEMOLITION PLAN - FIRST FLOOR

Scale: 1 : 100



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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

Ellesmere Yard, Building D
1050 Ellesmere Rd

PROJECT NO:
122260

DRAWN BY:
L. CHATZIGIANNAKOS

CHECKED BY:
M. FAYAZI

PROJECT MGR:
N. FRISCIC

APPROVED BY:
K. ANGER

SHEET TITLE
**FIRST FLOOR -
DEMOLITION PLAN**

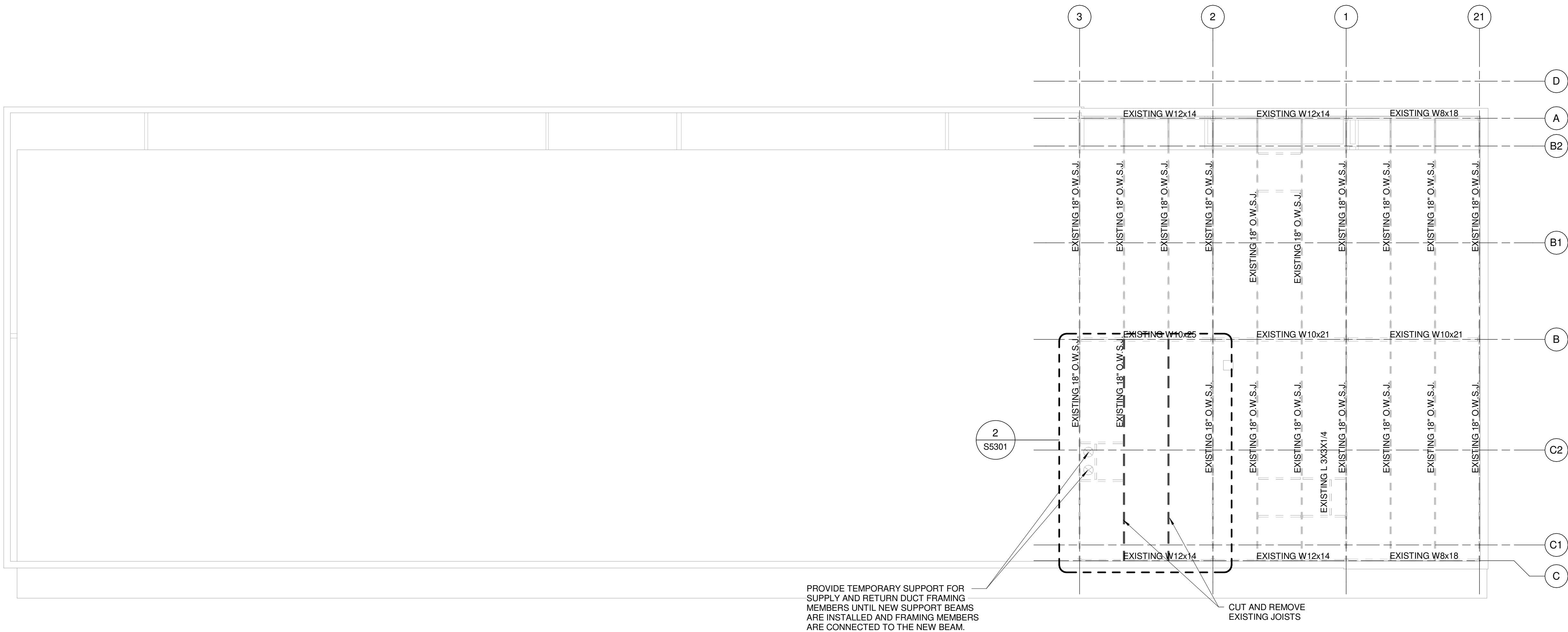
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G03-017-S2001

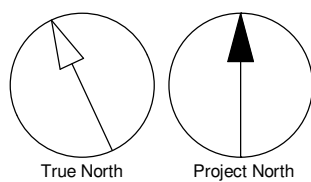
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D

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1 DEMOLITION PLAN - ROOF
S2003 Scale: 1 : 100



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1050 Ellesmere Rd

PROJECT NO:
122260

DRAWN BY:
L. CHATZIGIANNAKOS

CHECKED BY:
M. FAYAZI

PROJECT MGR:
N. FRISCIC

APPROVED BY:
K. ANGER

SHEET TITLE
**ROOF - DEMOLITION
PLAN**

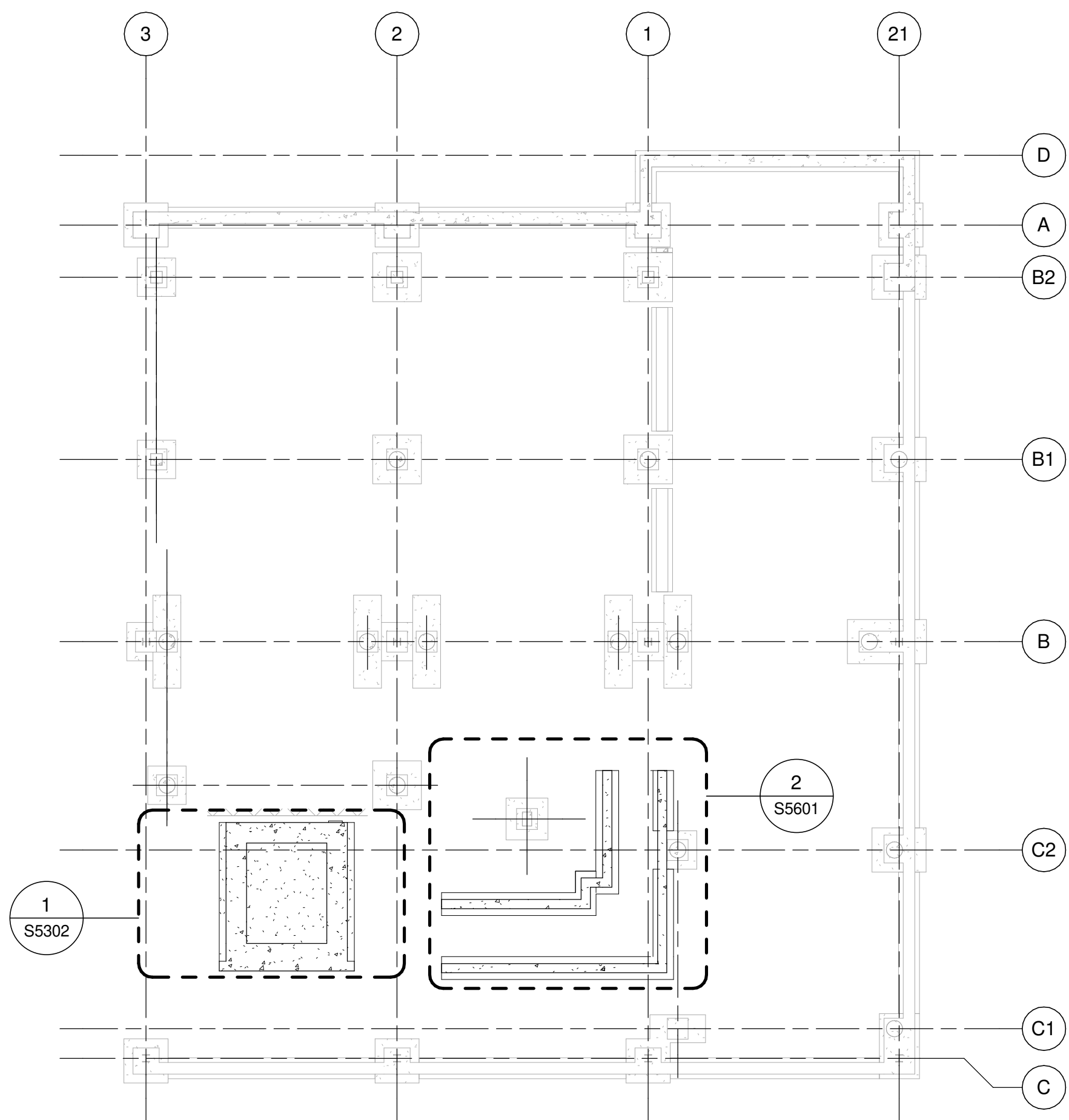
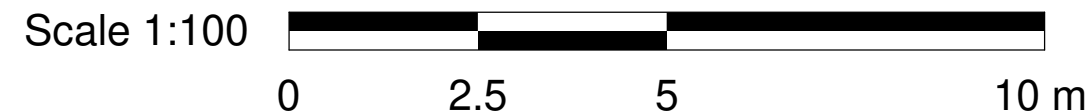
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G03-017-S2003

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2022-12-12 10:10:57 AM



1
S2100

FOUNDATION - PROPOSED PLAN

Scale: 1 : 100

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PROJECT TITLE

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PROJECT ADDRESS

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PROJECT NO:
122260

DRAWN BY:
L. CHATZIGIANNAKOS

CHECKED BY:
M. FAYAZI

PROJECT MGR:
N. FRISCIC

APPROVED BY:
K. ANGER

SHEET TITLE

**FOUNDATION PLAN
PROPOSED PLAN**

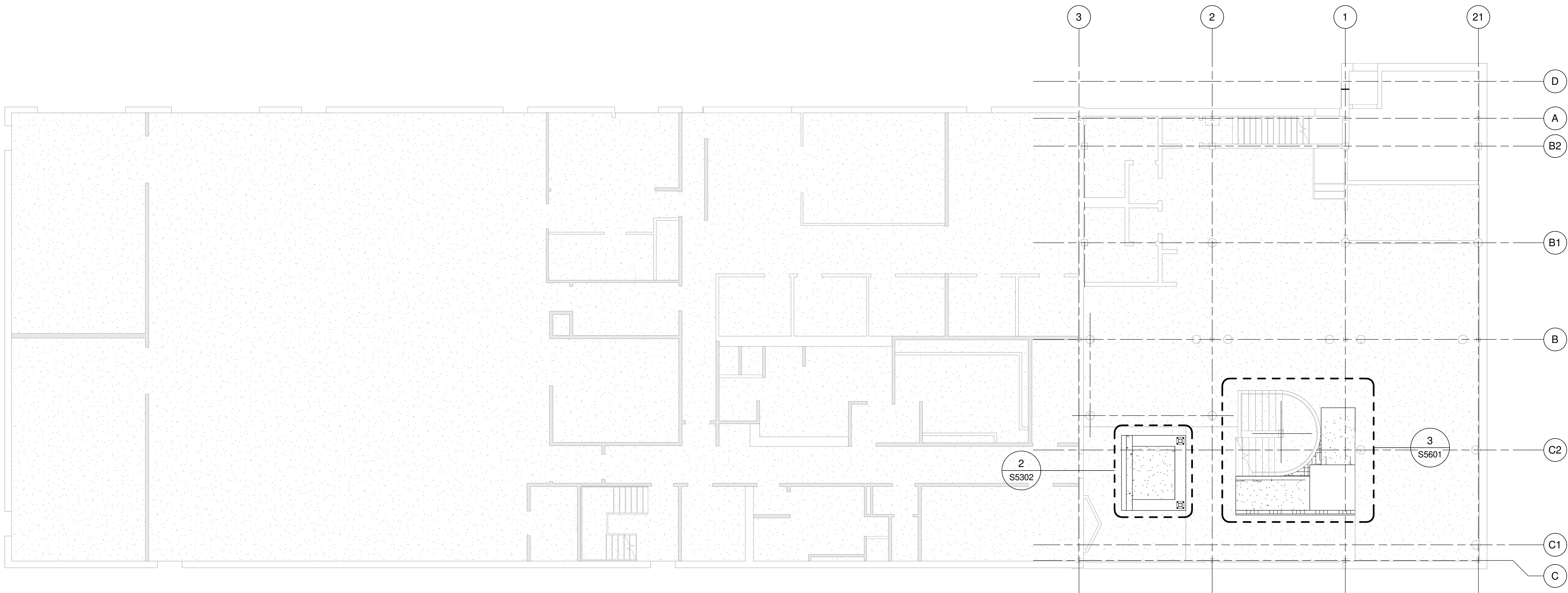
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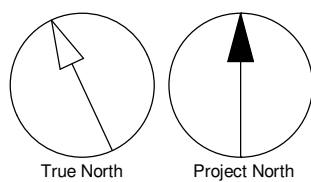
ISSUE

C

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1 PROPOSED PLAN - FIRST FLOOR
S2501 Scale: 1 : 100



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PROJECT ADDRESS

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PROJECT NO:
122260

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L. CHATZIGIANNAKOS

CHECKED BY:
M. FAYAZI

PROJECT MGR:
N. FRISCIC

APPROVED BY:
K. ANGER

SHEET TITLE
**FIRST FLOOR -
PROPOSED PLAN**

SHEET NUMBER

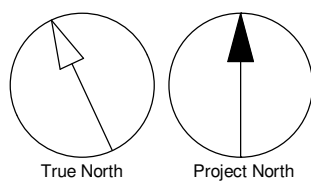
G03-017-S2501

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1 PROPOSED PLAN - SECOND FLOOR
S2502 Scale: 1 : 100



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PROJECT TITLE

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PROJECT ADDRESS

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PROJECT NO:
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DRAWN BY:
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PROJECT MGR:
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APPROVED BY:
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SHEET TITLE

SECOND FLOOR -
PROPOSED PLAN

SHEET NUMBER

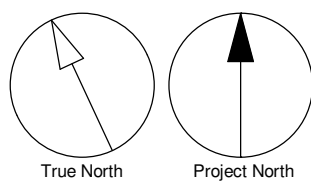
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1 PROPOSED PLAN - U/S OF ROOF
S2503 Scale: 1 : 100



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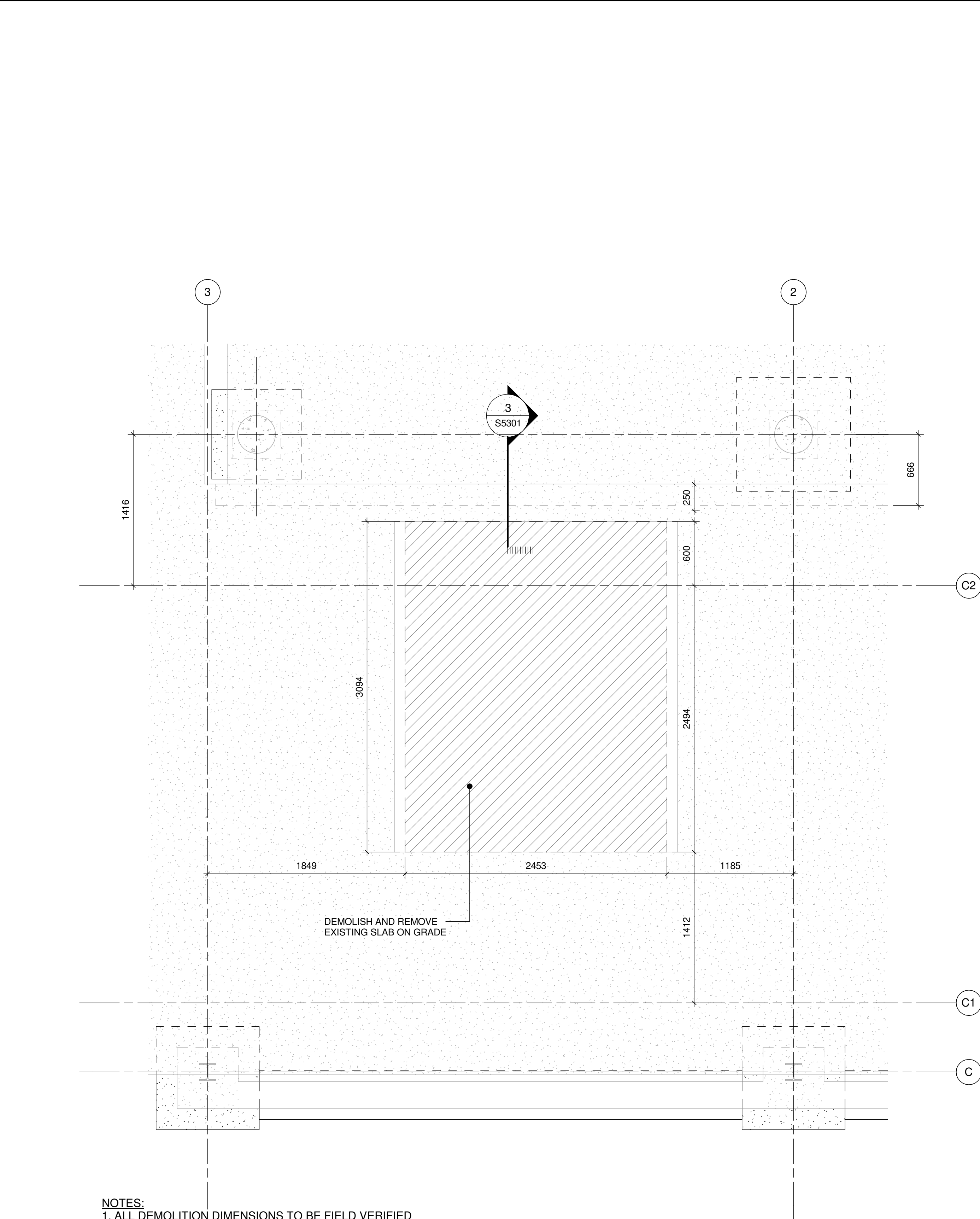
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L. CHATZIGIANNAKOS
PROJECT MGR:
N. FRISCIC
CHECKED BY:
M. FAYAZI
APPROVED BY:
K. ANGER

SHEET TITLE
ROOF - PROPOSED PLAN

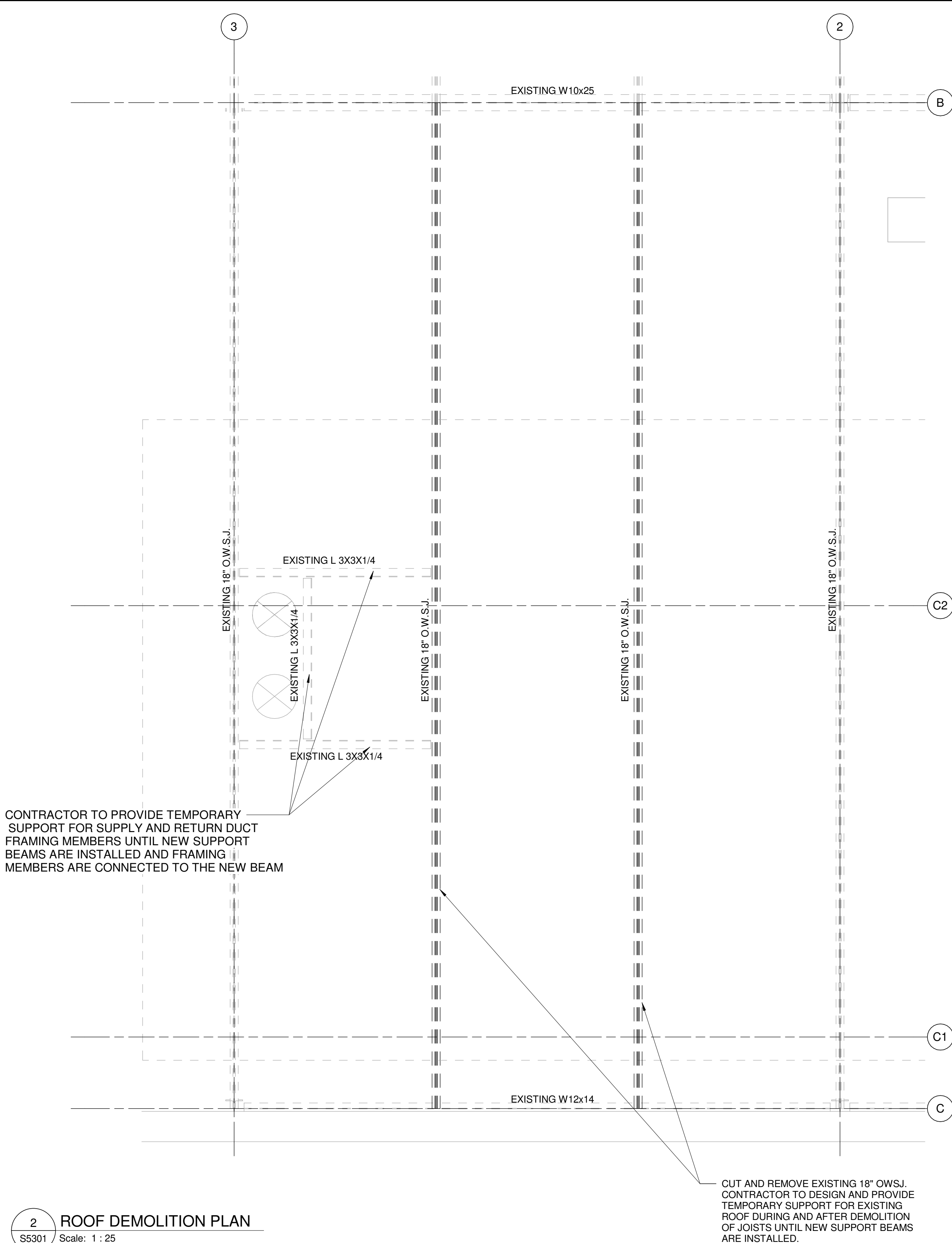
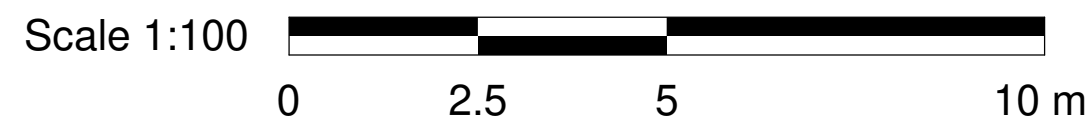
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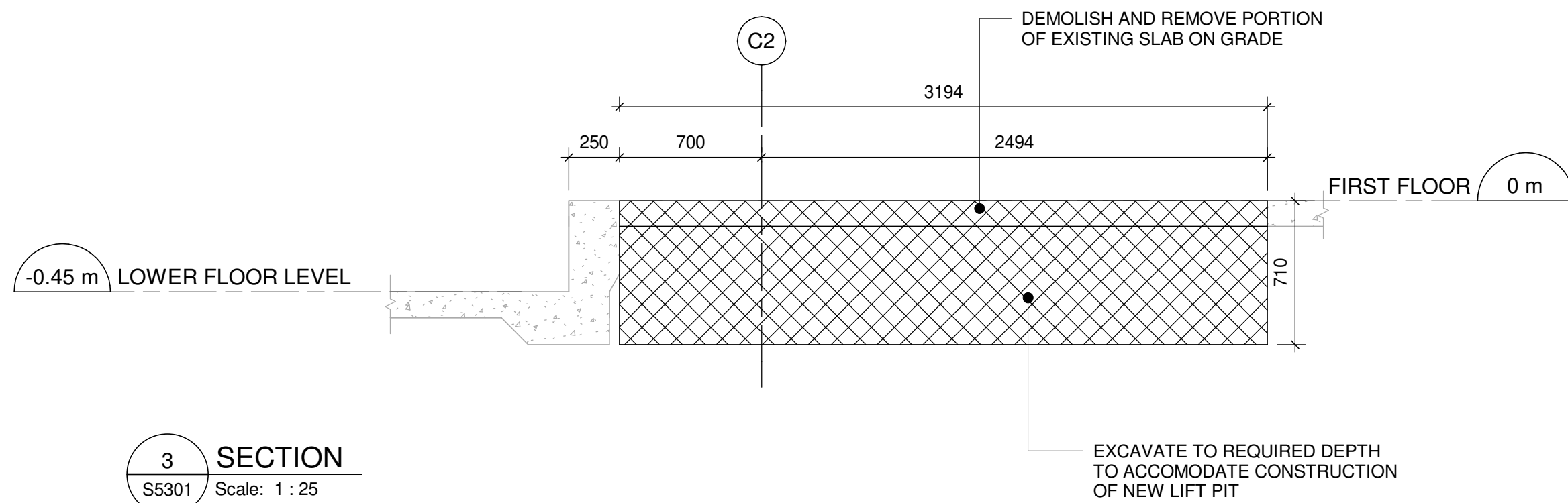


NOTES:
1. ALL DEMOLITION DIMENSIONS TO BE FIELD VERIFIED
AND CONFIRMED TO SUIT NEW LIFT. REFER TO
ARCHITECTURAL DRAWINGS FOR NEW LIFT OPENING LAYOUT.

1 GROUND FLOOR DEMOLITION PLAN
S5301 Scale: 1 : 25



2 ROOF DEMOLITION PLAN
S5301 Scale: 1 : 25



3 SECTION
S5301 Scale: 1 : 25

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ACCESSIBILITY UPGRADES**

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1050 Ellesmere Rd**

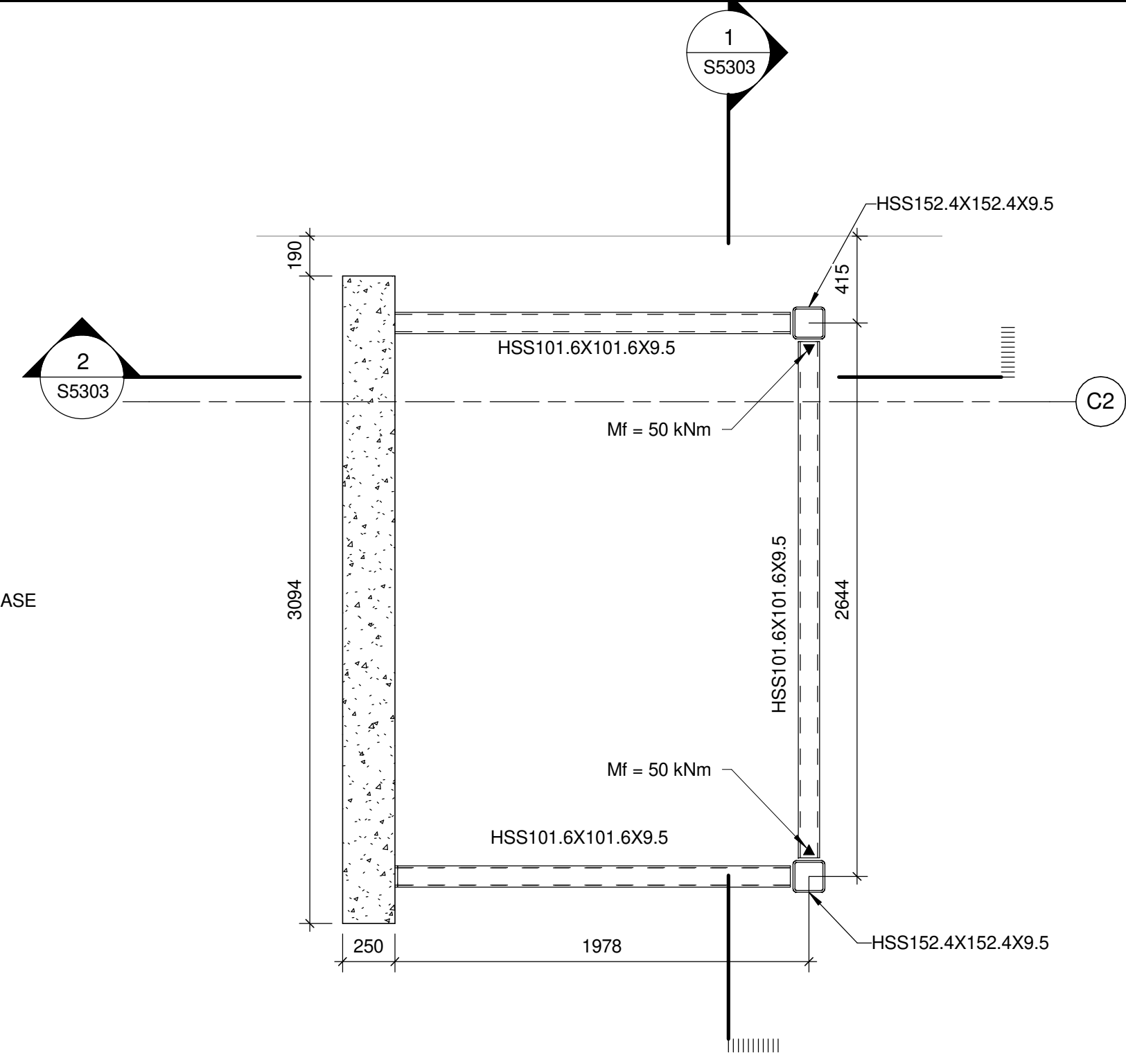
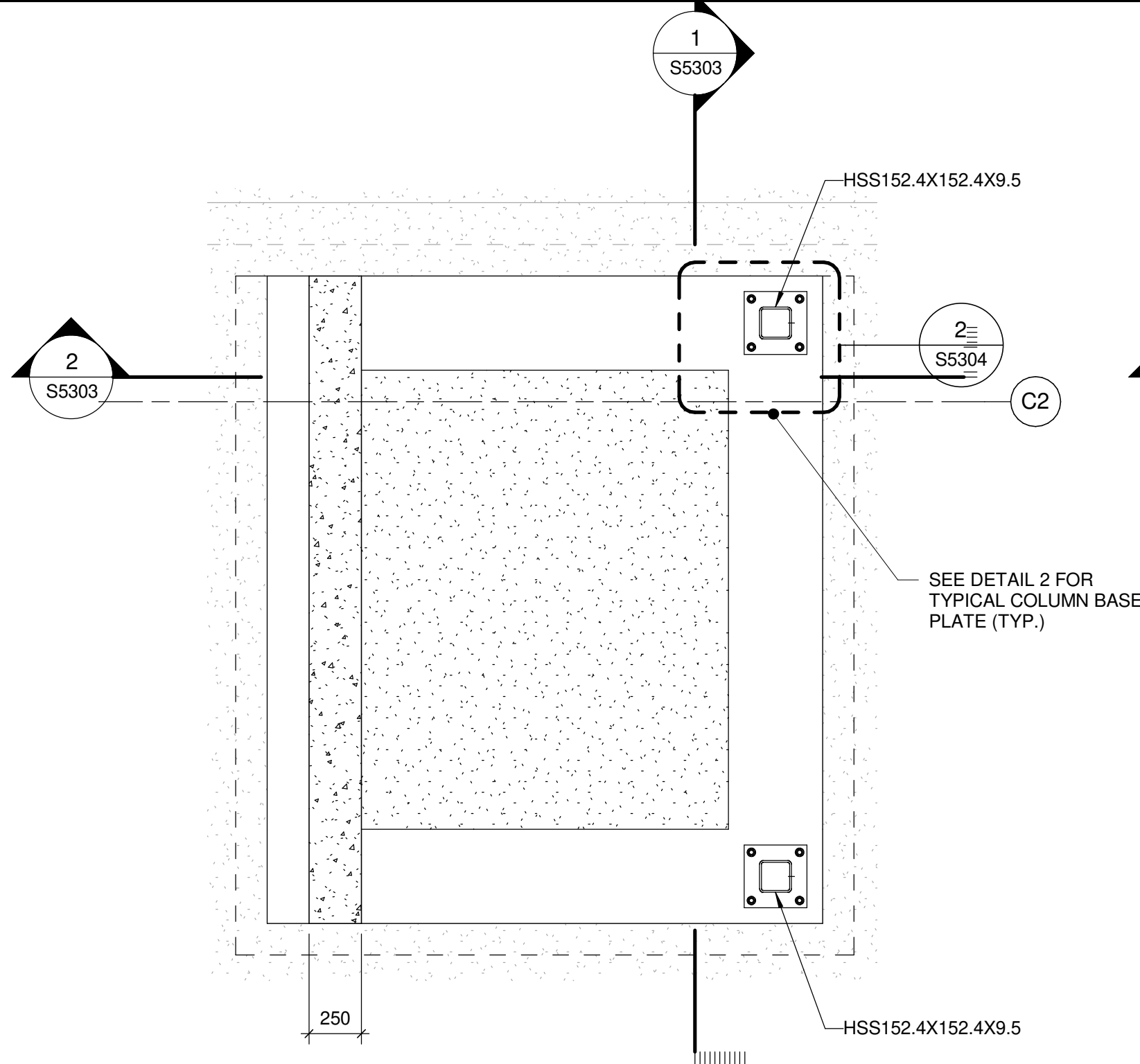
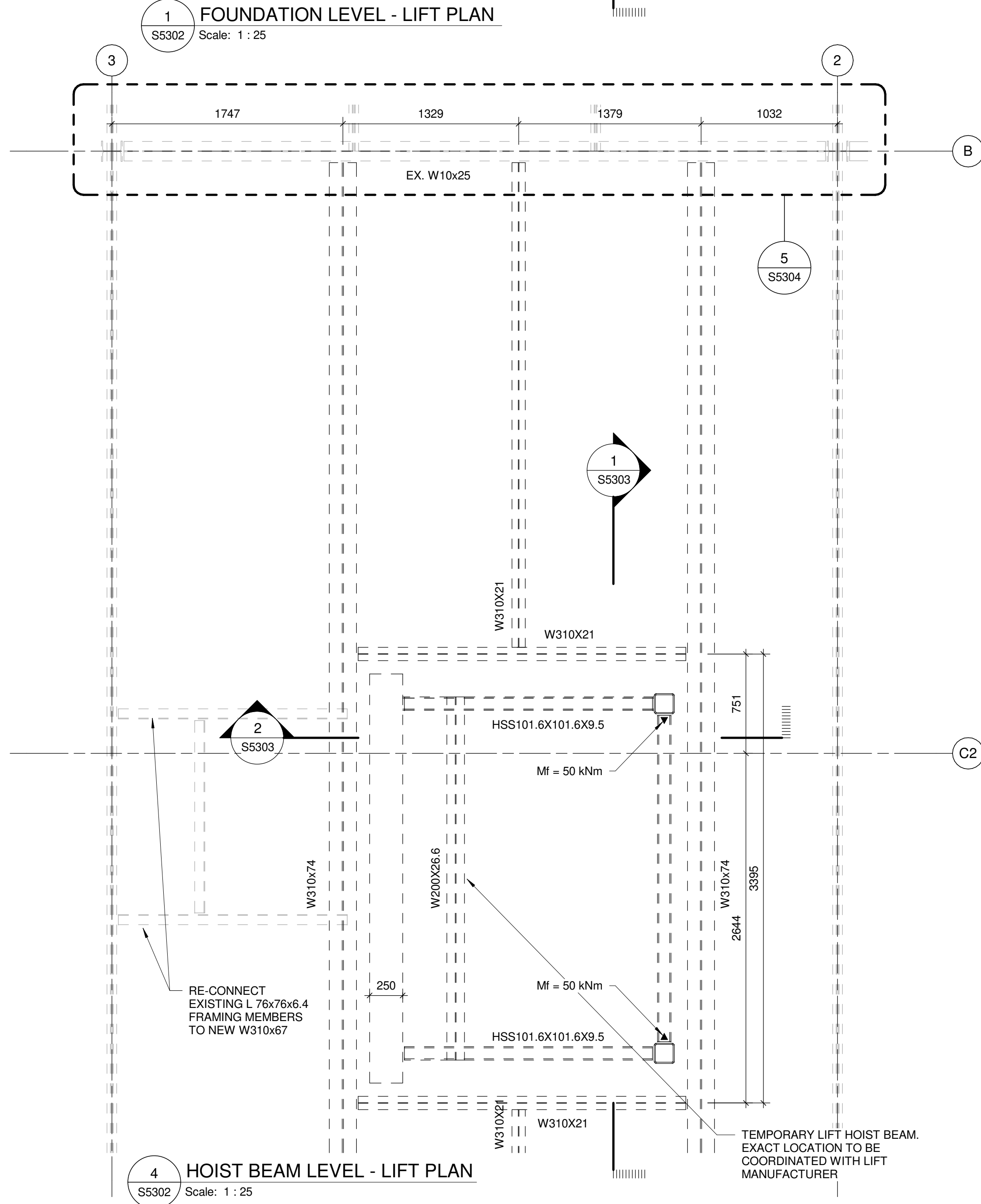
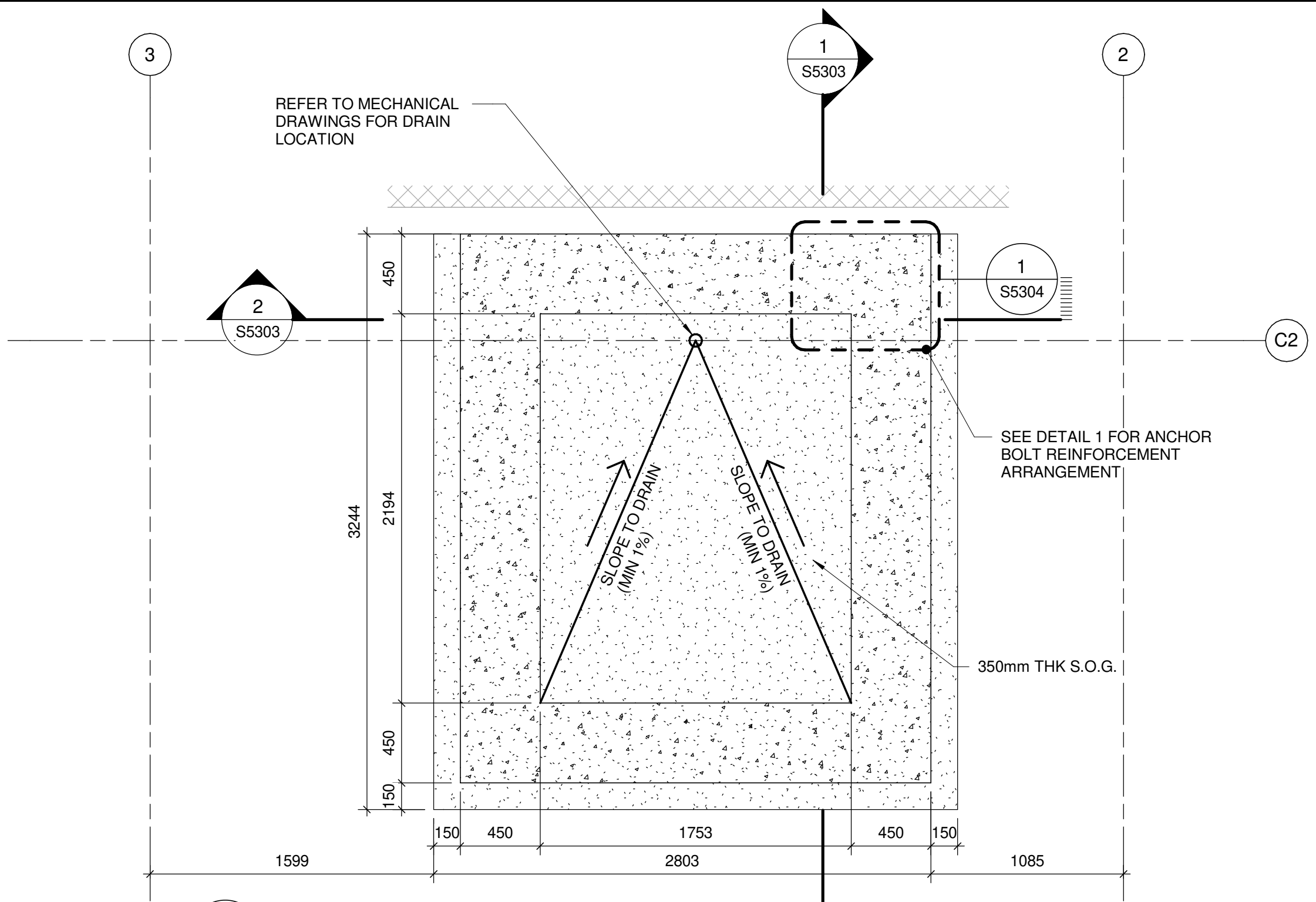
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122260
DRAWN BY:
L. CHATZIGIANNAKOS
PROJECT MGR:
N. FRISCIC
CHECKED BY:
M. FAYAZI
APPROVED BY:
K. ANGER

SHEET TITLE
**LIFT - ENLARGED
DEMOLITION PLANS AND
SECTIONS**

SHEET NUMBER
G03-017-S5301
ISSUE
C

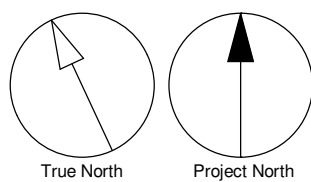
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GENERAL NOTE:

1. MINIMUM BEAM TO BEAM/ BEAM TO COLUMN/ BEAM TO WALL SHEAR FORCE CONNECTION = 75 kN UNO.



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PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

Ellesmere Yard, Building D
1050 Ellesmere Rd

PROJECT NO:

122260

DRAWN BY:

L. CHATZIGIANNAKOS

CHECKED BY:

M. FAYAZI

PROJECT MGR:

N. FRISCIC

APPROVED BY:

K. ANGER

SHEET TITLE

LIFT - PLAN

SHEET NUMBER

G03-017-S5302

ISSUE

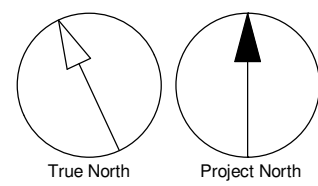
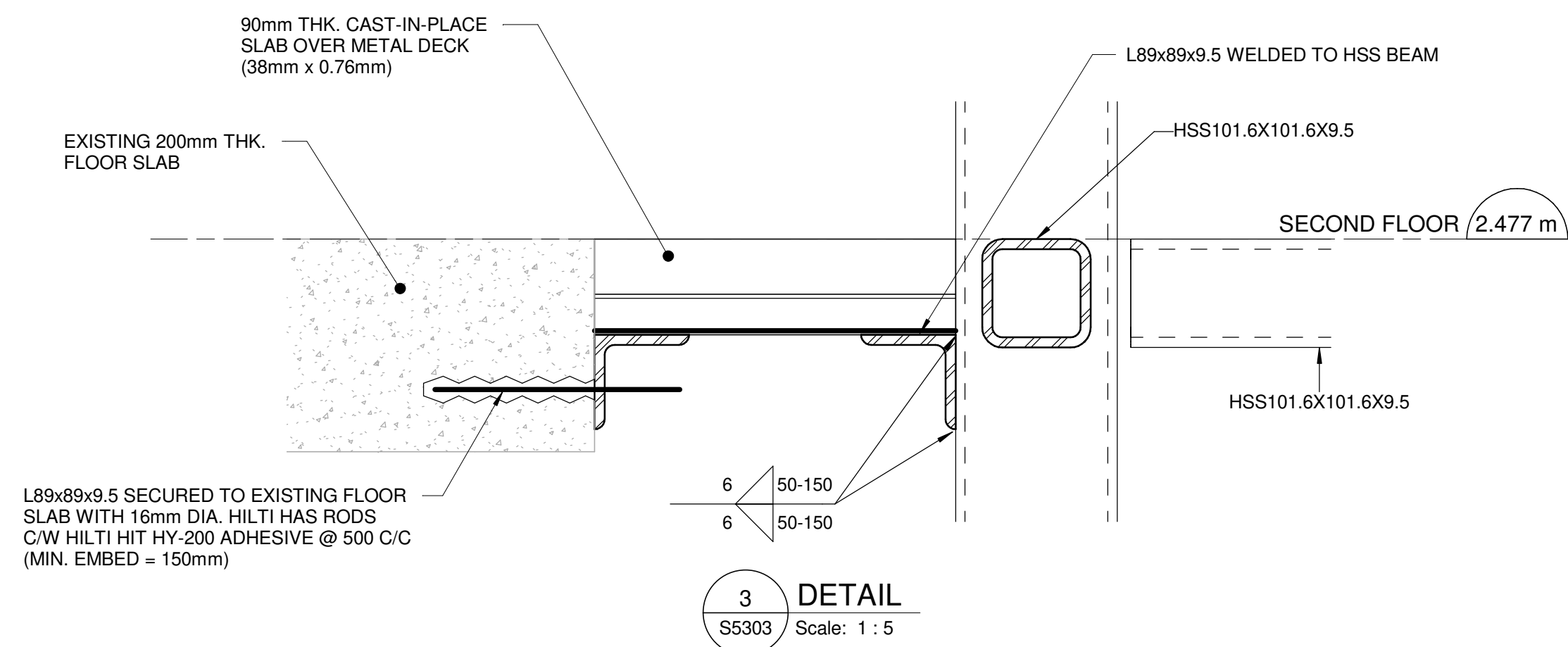
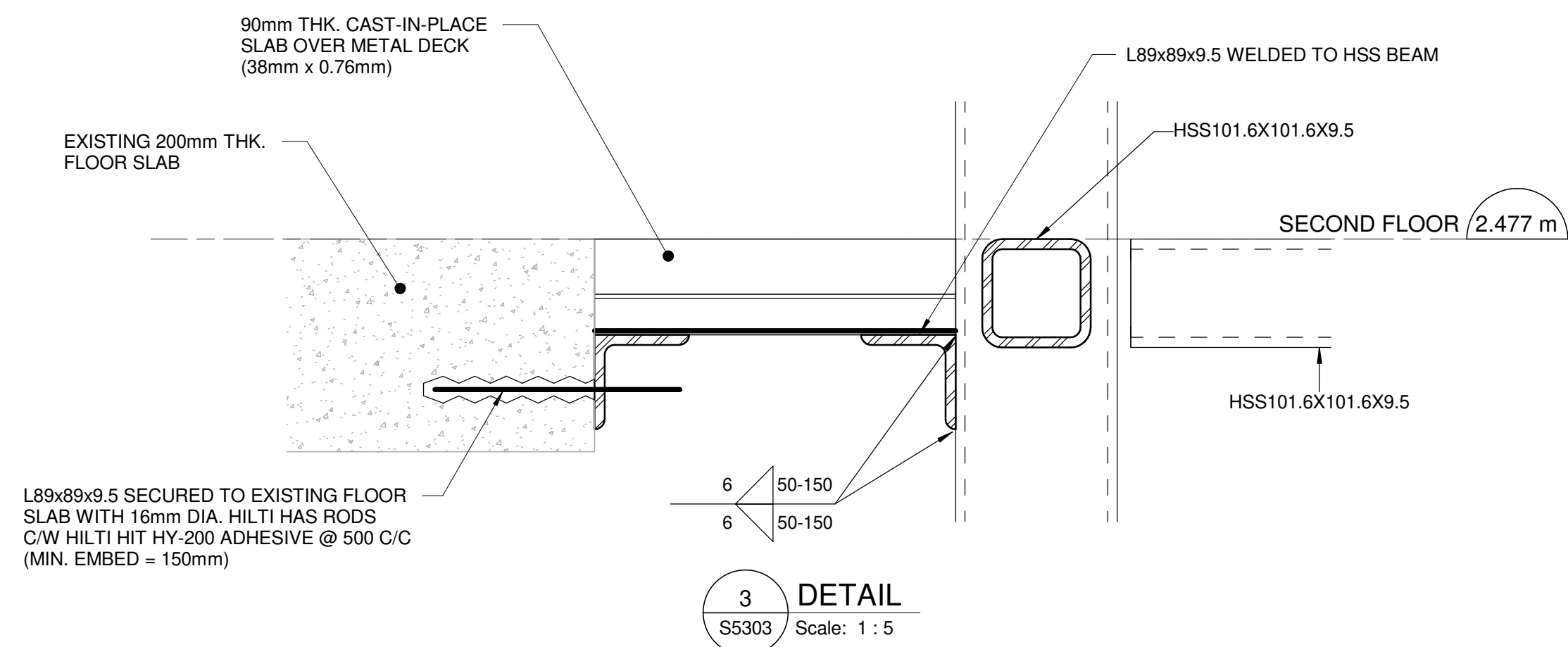
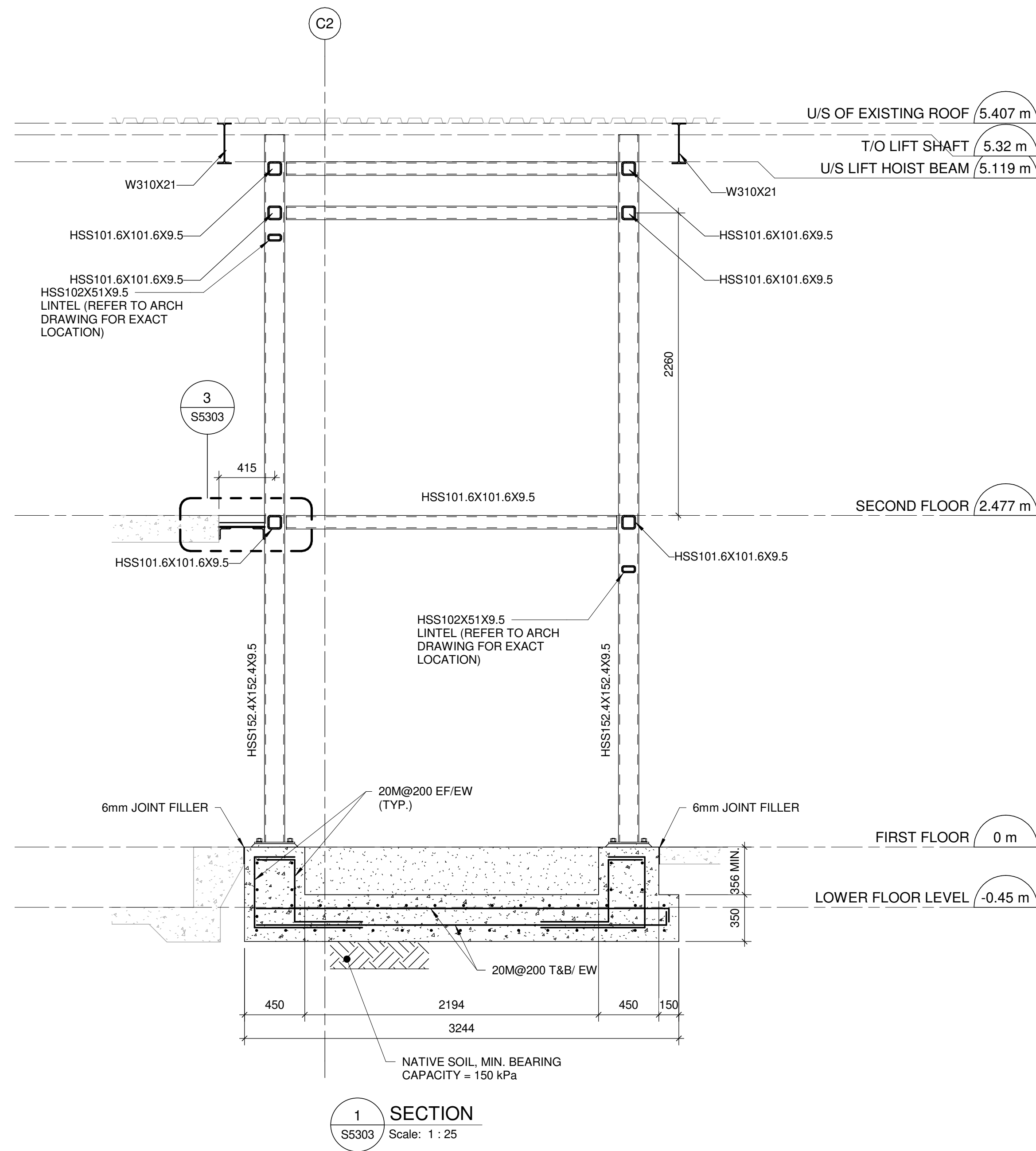
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BM 380/122260 - CoT TAU Upgrades R2020122260-TAU-3-17-050ELSMR-S-P20.MXD

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SCALE CHECK
1"=10'

2022-12-12 10:11:01 AM



ISSUES		
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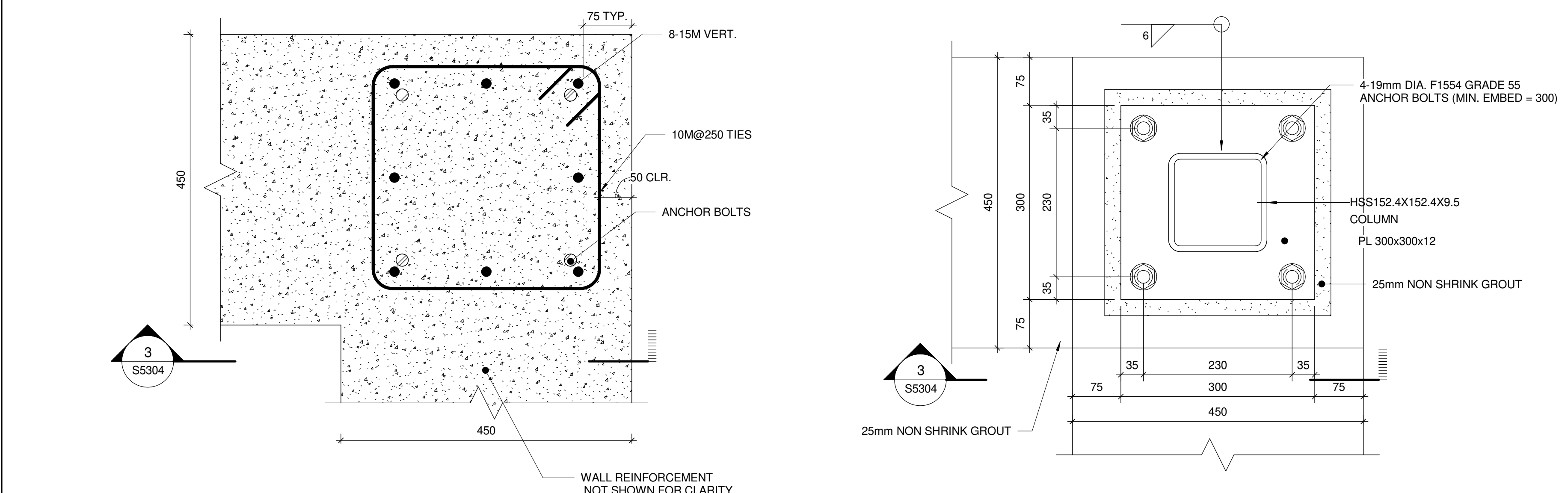
PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**Ellesmere Yard, Building D
1050 Ellesmere Rd**

PROJECT NO:
122260
DRAWN BY:
L. CHATZIGIANNAKOS
PROJECT MGR:
N. FRISCI
CHECKED BY:
M. FAYAZI
APPROVED BY:
K. ANGER

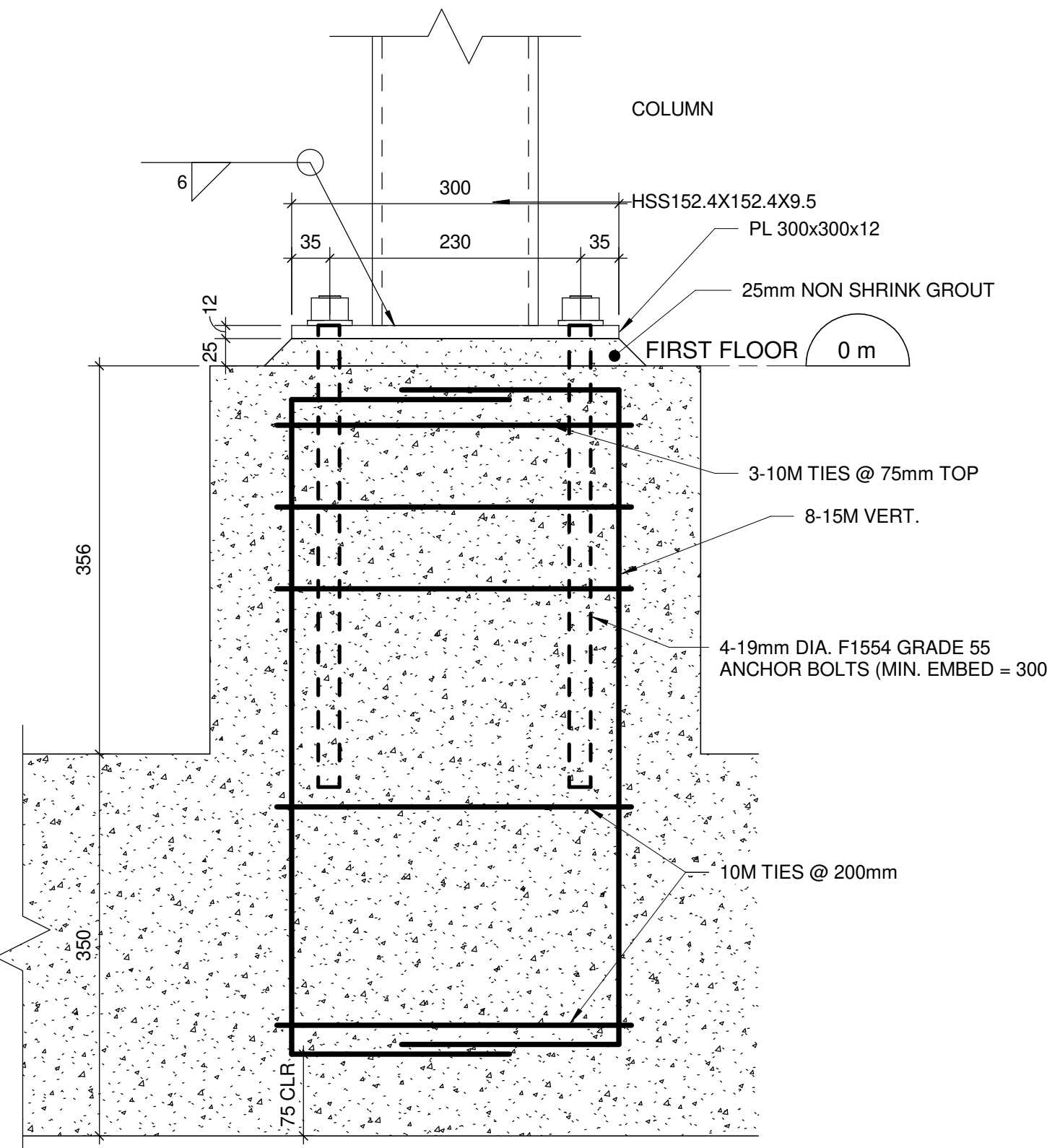
SHEET TITLE
LIFT - SECTION

SHEET NUMBER
G03-017-S5303
ISSUE
D

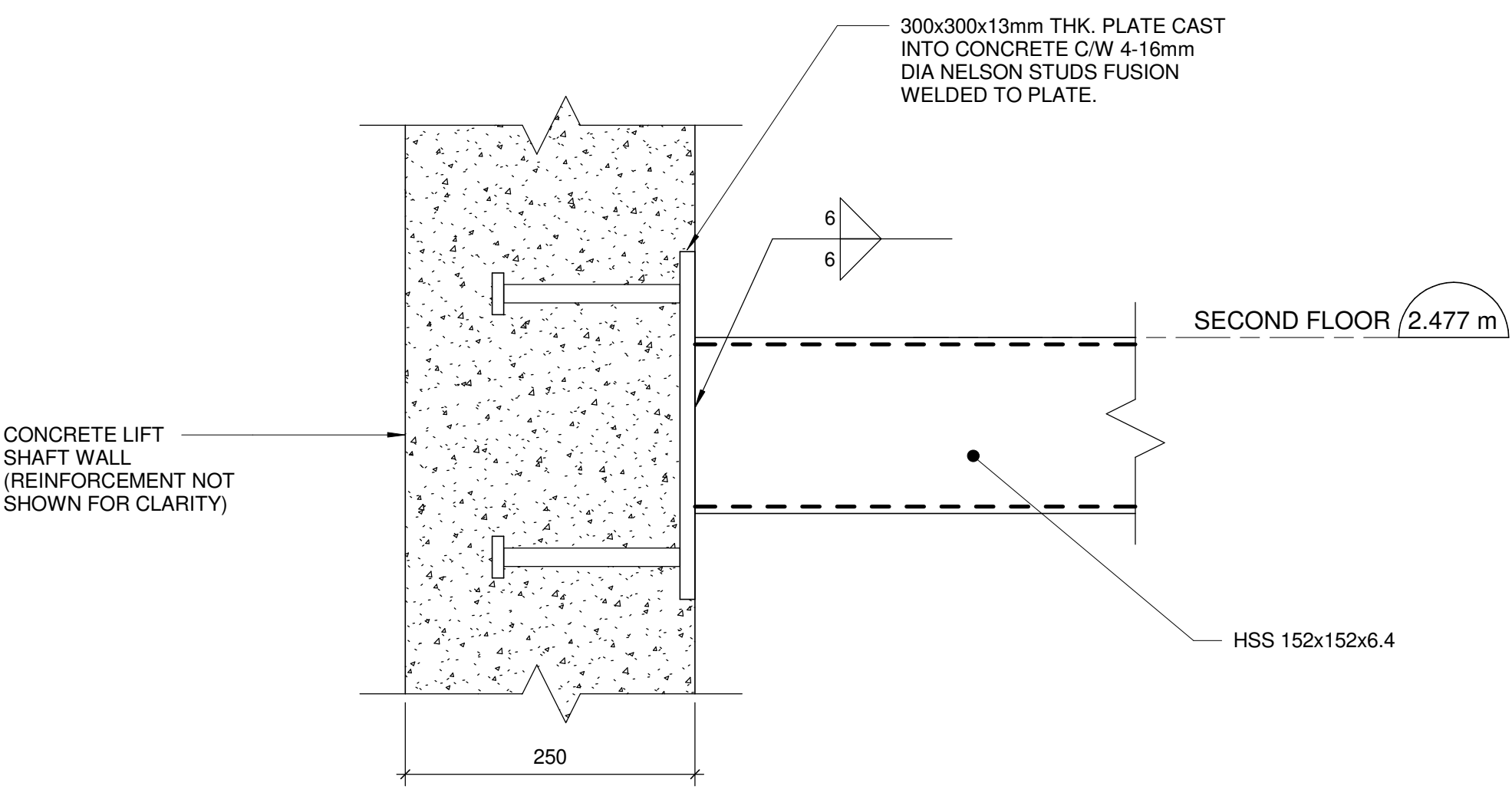


1 TYPICAL COLUMN REINFORCEMENT PLAN
S5304 Scale: 1 : 5

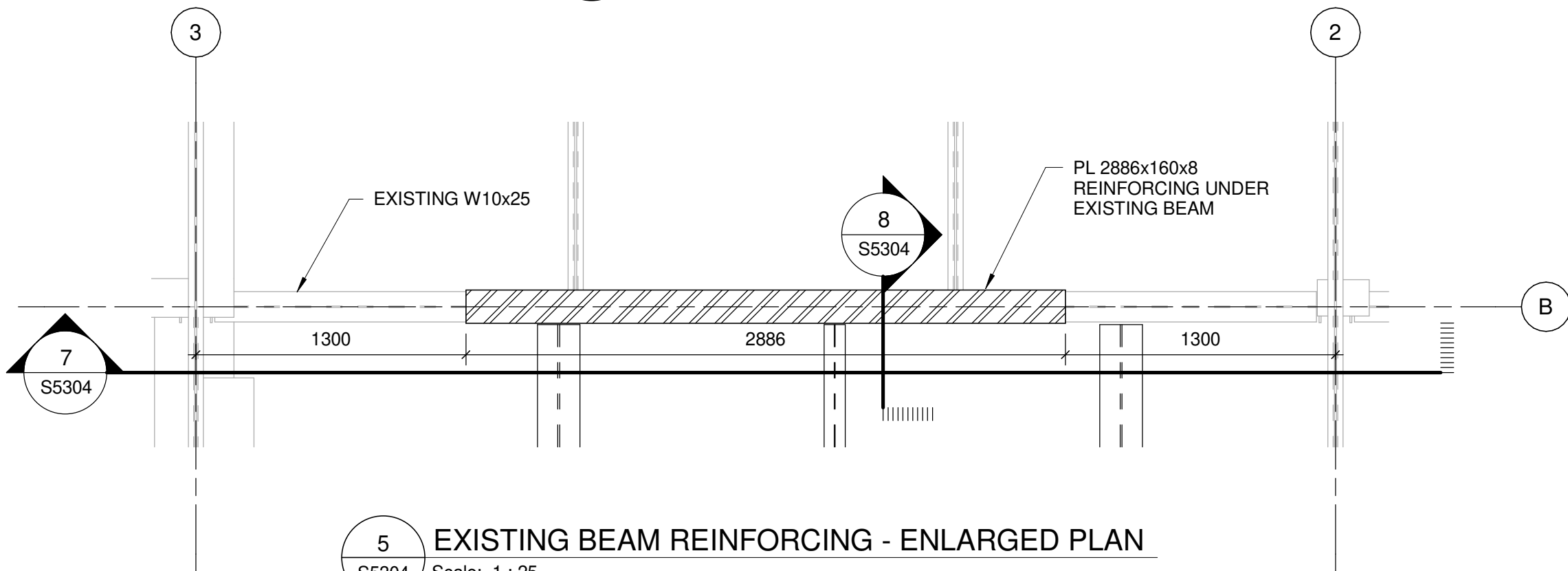
2 TYPICAL COLUMN BASE PLATE PLAN
S5304 Scale: 1 : 5



3 SECTION
S5304 Scale: 1 : 5

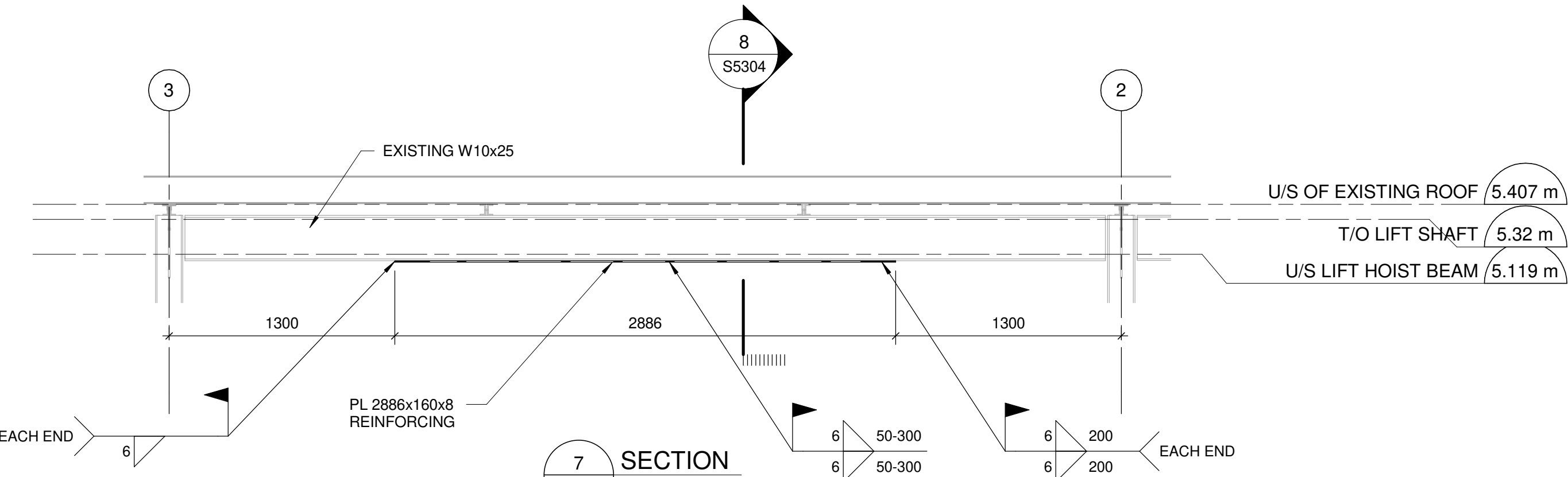


4 DETAIL
S5304 Scale: 1 : 5

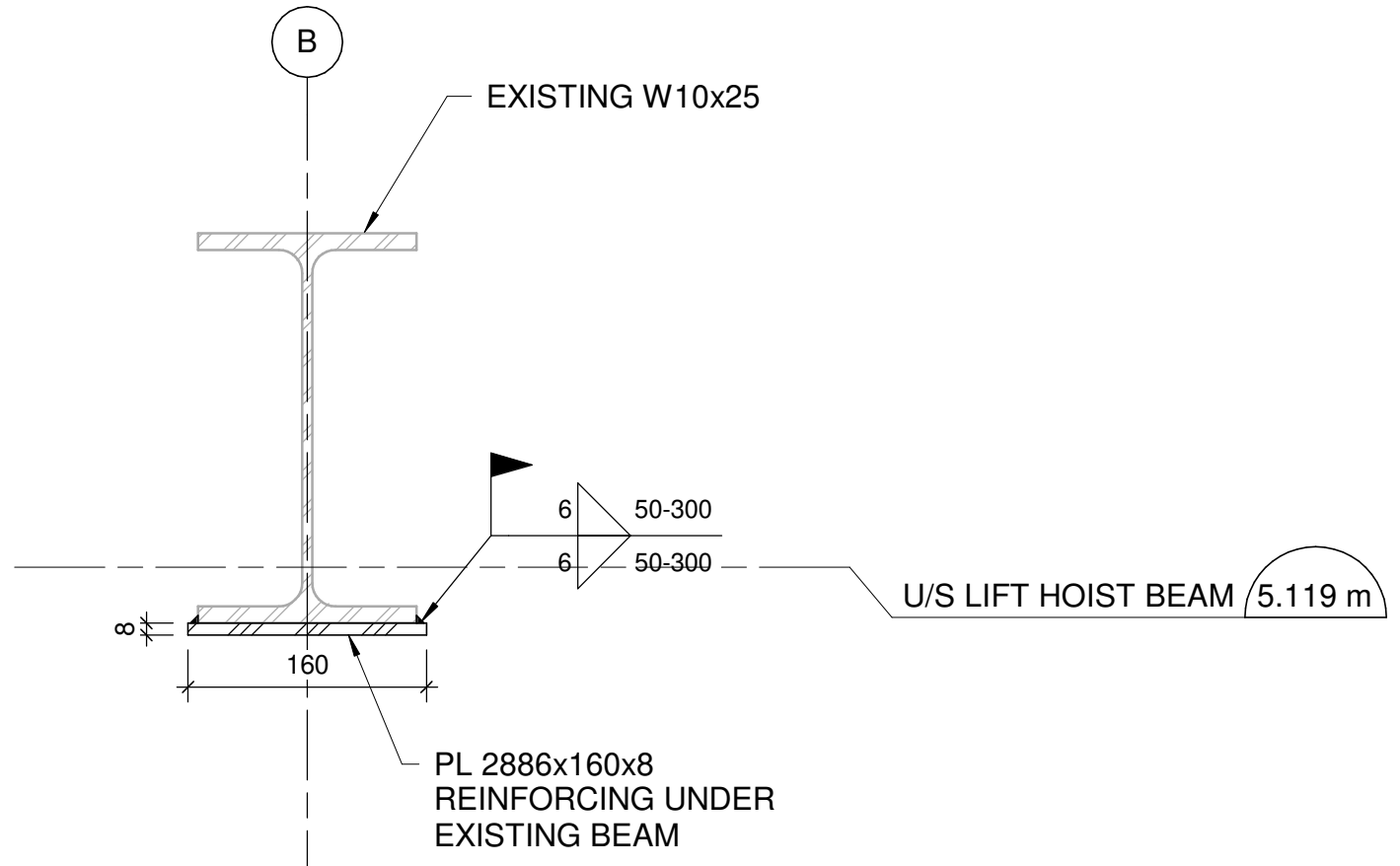


5 EXISTING BEAM REINFORCING - ENLARGED PLAN
S5304 Scale: 1 : 25

NOTE:
1. EXISTING STEEL DECK, OWSJ AND NEW BEAMS NOT SHOWN FOR CLARITY



7 SECTION
S5304 Scale: 1 : 25



8 SECTION
S5304 Scale: 1 : 5



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A	90% SUBMISSION	2022-07-29
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C	ISSUED FOR TENDER	2022-12-09

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IBI GROUP
175 Galaxy Blvd, Unit 100
Toronto, ON M9W 0C9, Canada
tel 416 679 1930 fax 416 675 4620
ibigroup.com

PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**Ellesmere Yard, Building D
1050 Ellesmere Rd**

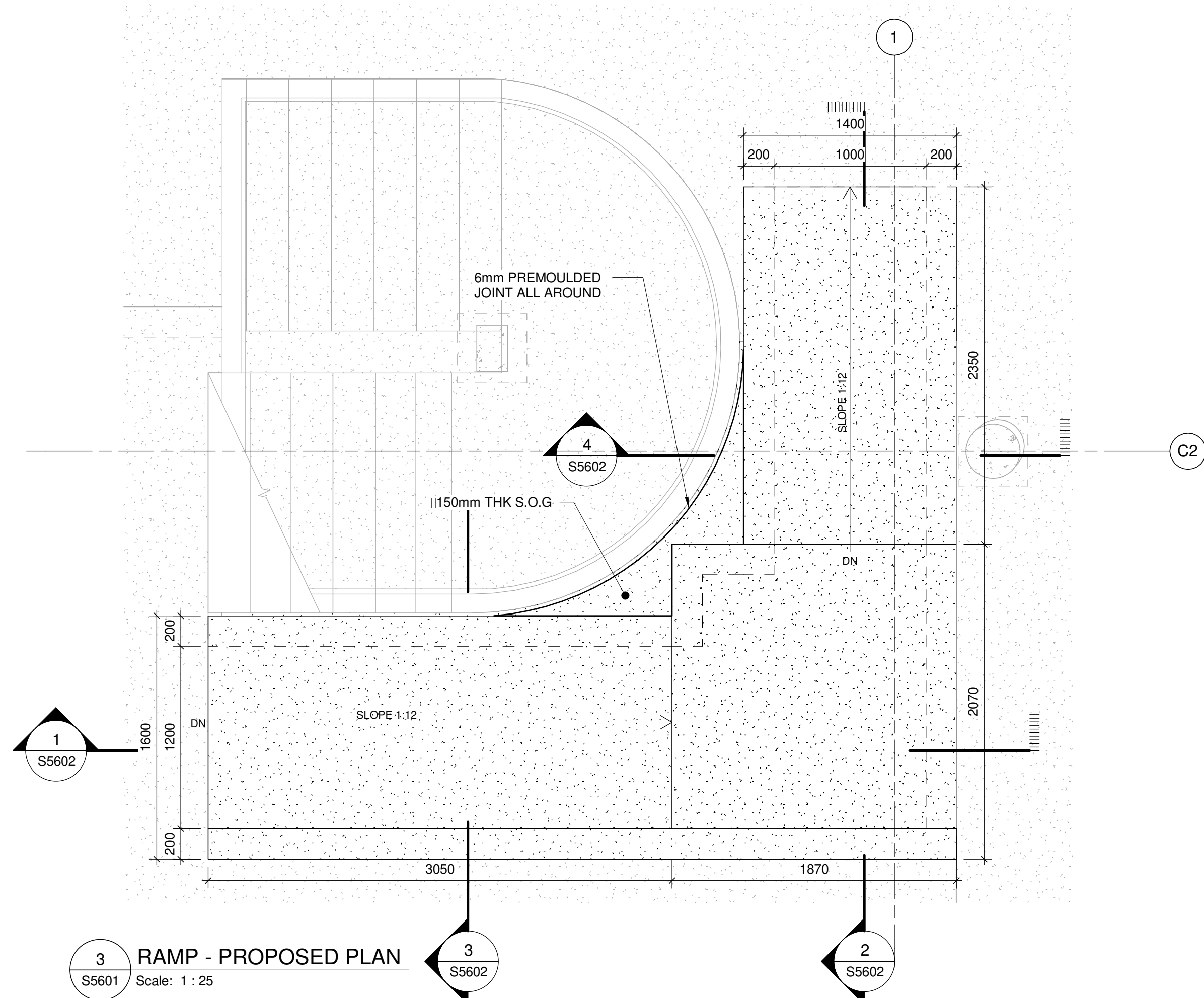
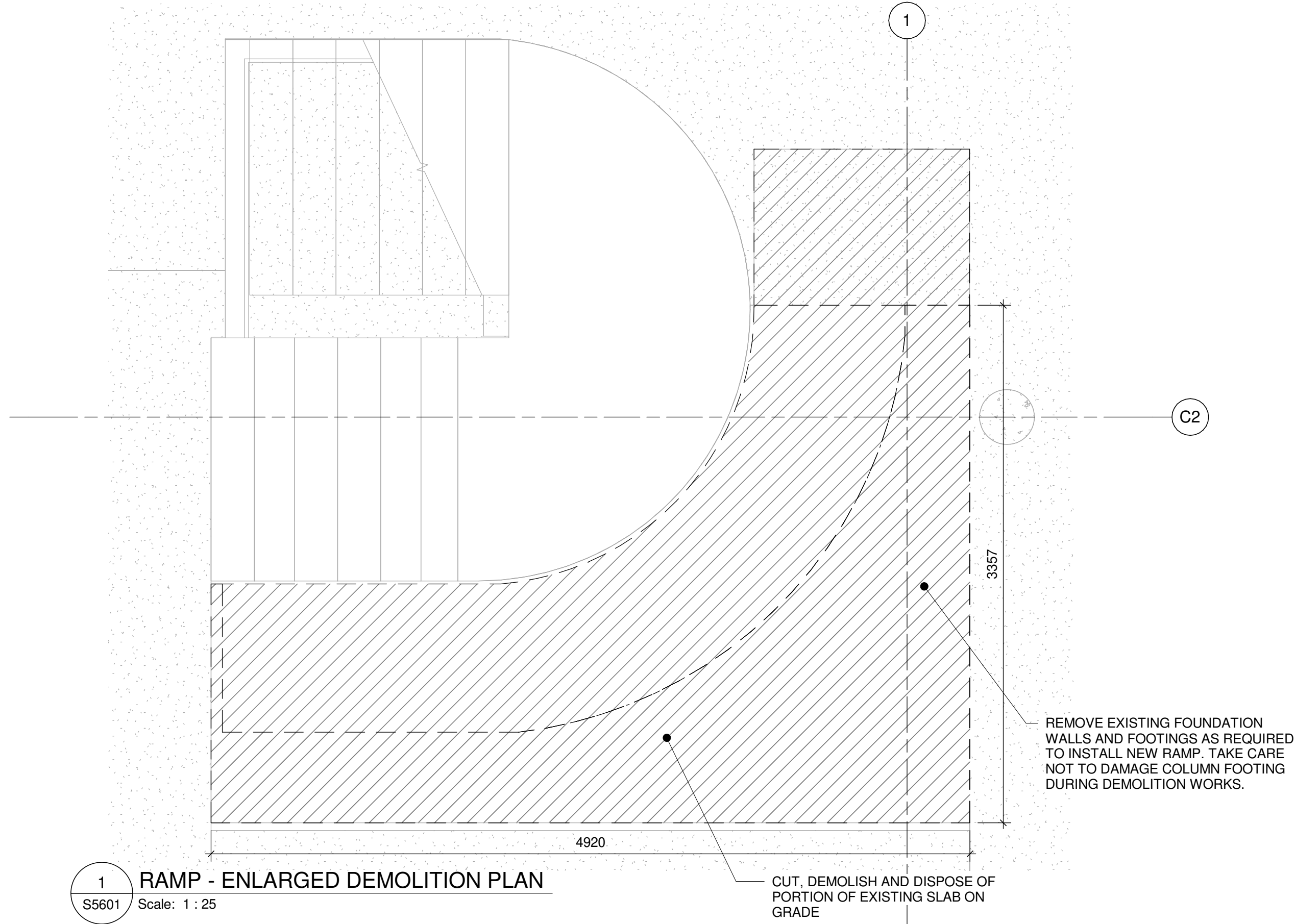
PROJECT NO:
122260
DRAWN BY:
L. CHATZIGIANNAKOS
PROJECT MGR:
N. FRISCI
CHECKED BY:
M. FAYAZI
APPROVED BY:
K. ANGER

SHEET TITLE
LIFT - DETAIL

SHEET NUMBER
G03-017-S5304
ISSUE
C

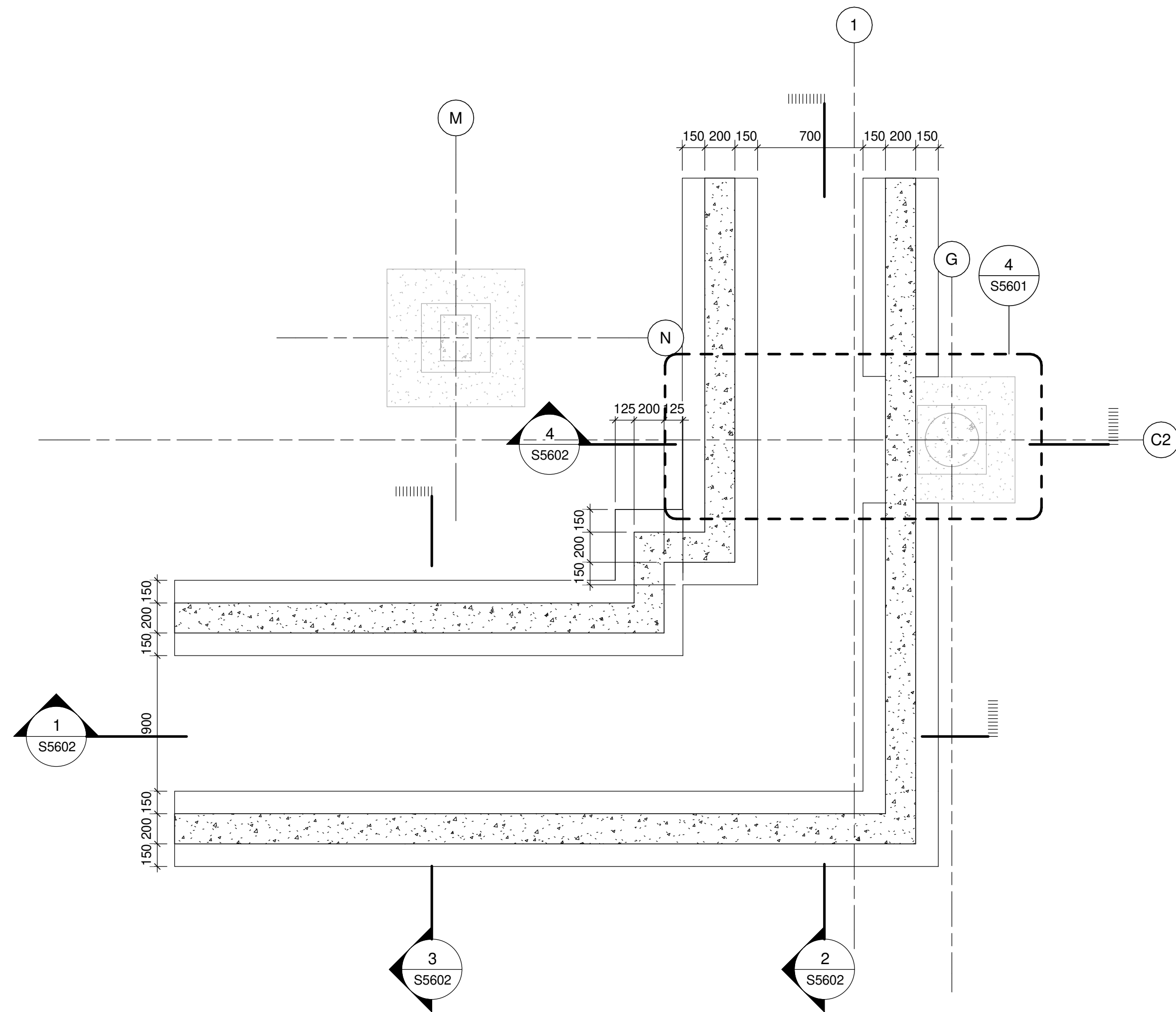
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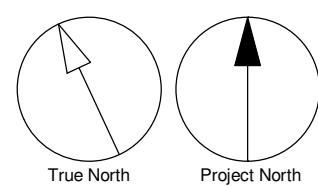
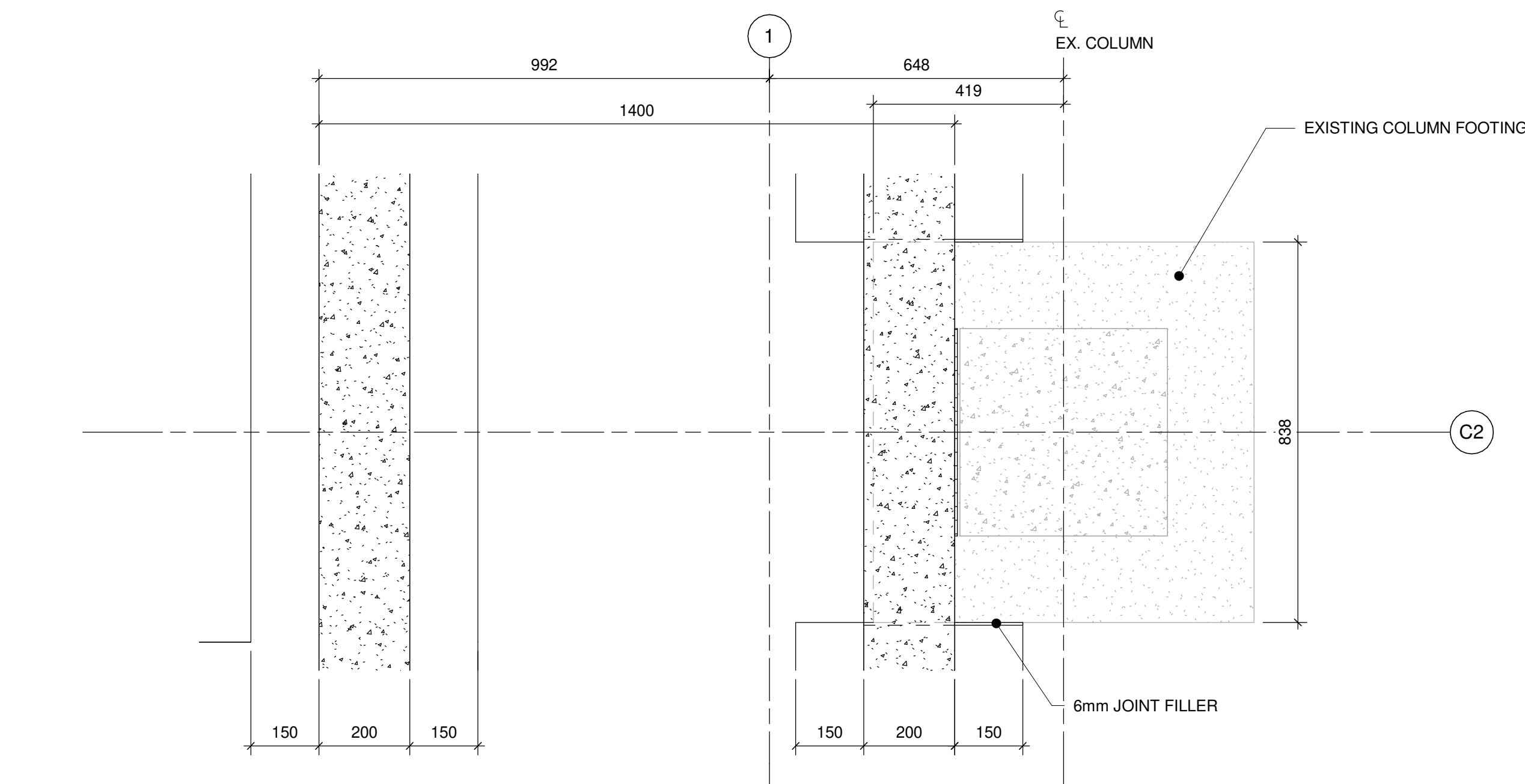


NOTES:

1. CONTRACTOR TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO ALL CONSTRUCTION AND DEMOLITION WORKS
2. TEMPORARY SHORING TO BE DESIGNED AND PROVIDED BY CONTRACTOR.



2 RAMP - ENLARGED FOUNDATION PLAN
S5601 Scale: 1 : 25



ISSUES		
No.	DESCRIPTION	DATE
A	50% SUBMISSION	2022-04-11
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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

Ellesmere Yard, Building D
1050 Ellesmere Rd

PROJECT NO:
122260

DRAWN BY:
L. CHATZIGIANNAKOS

CHECKED BY:
M. FAYAZI

PROJECT MGR:
N. FRISCIC

APPROVED BY:
K. ANGER

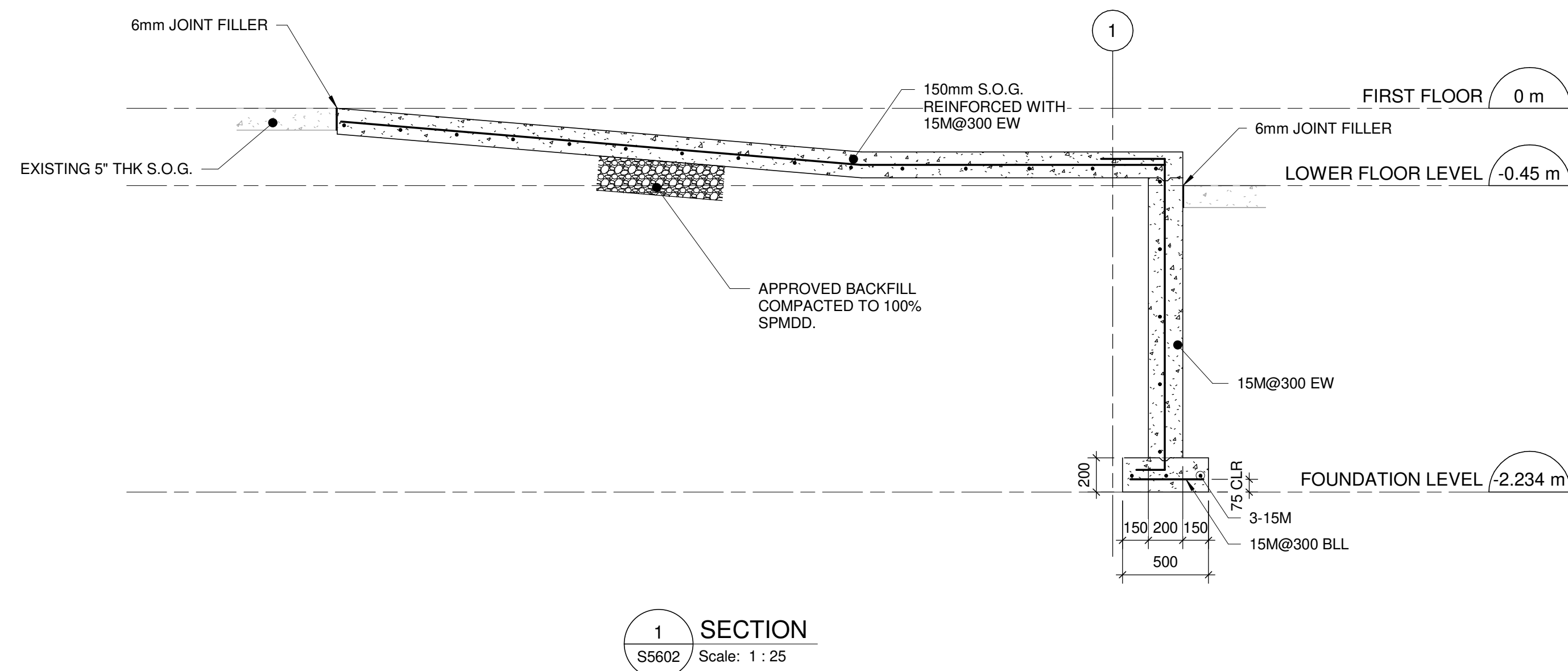
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RAMP - PLANS

SHEET NUMBER

G03-017-S5601

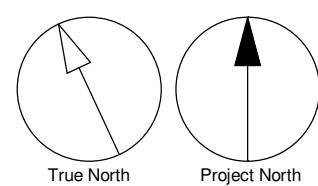
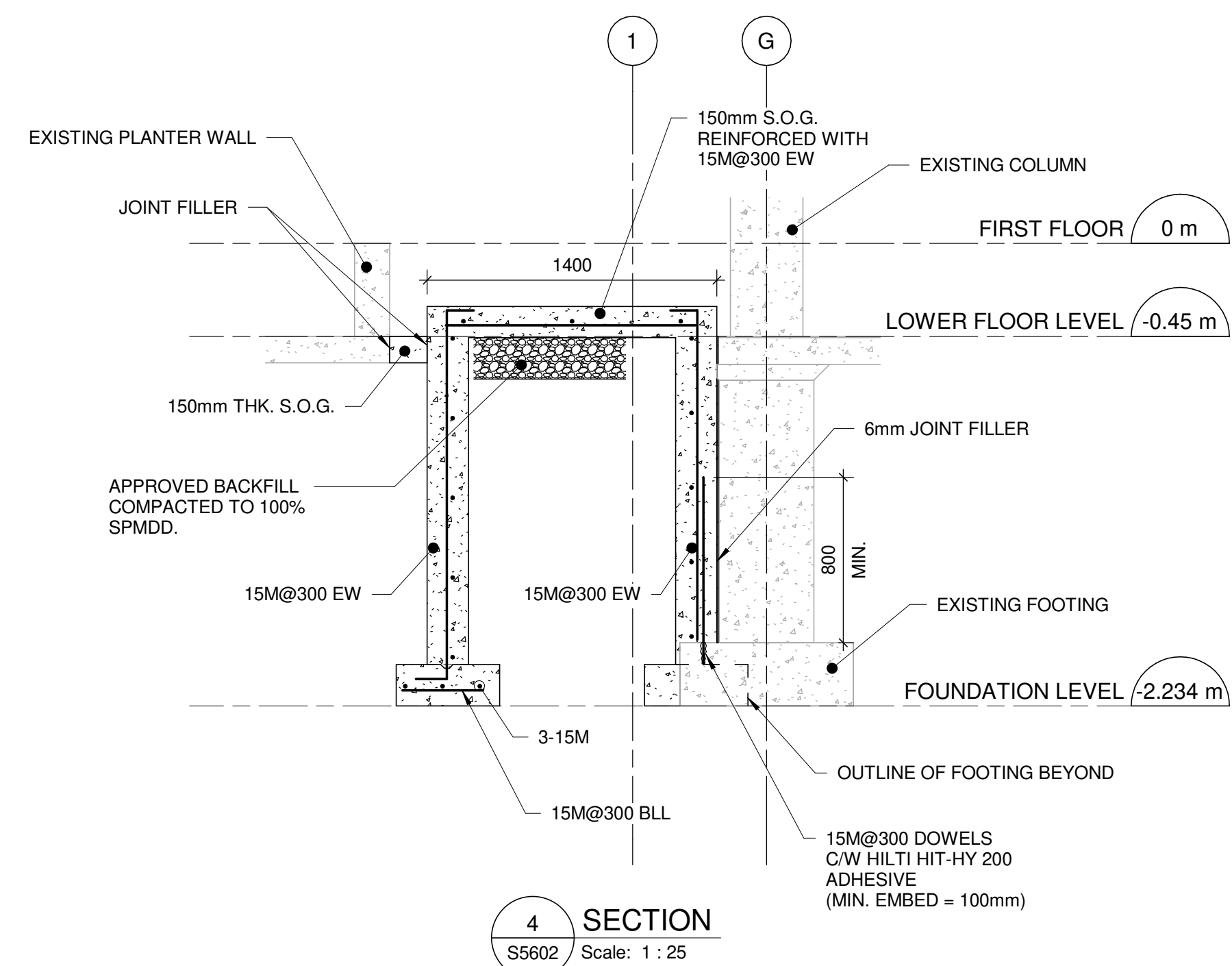
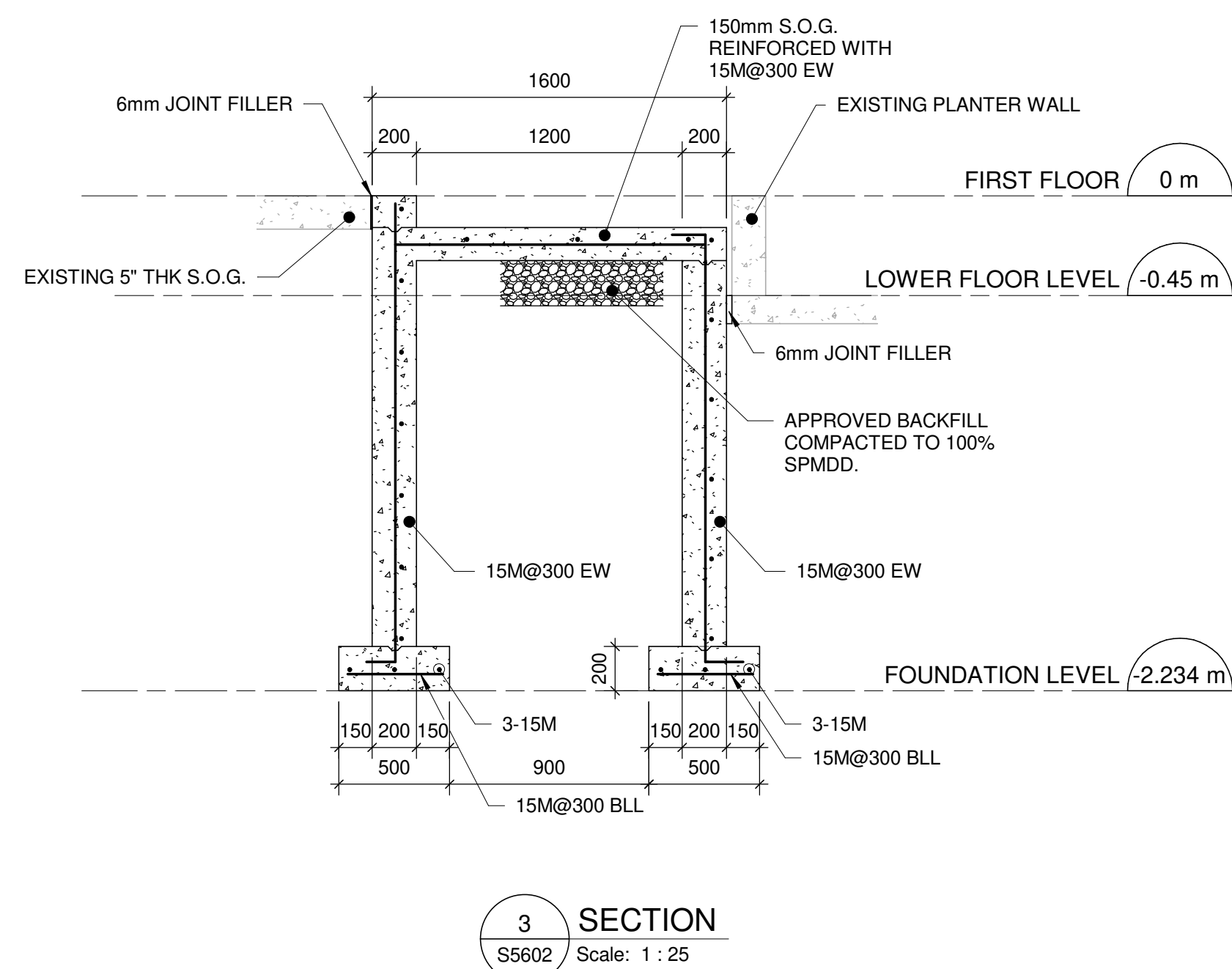
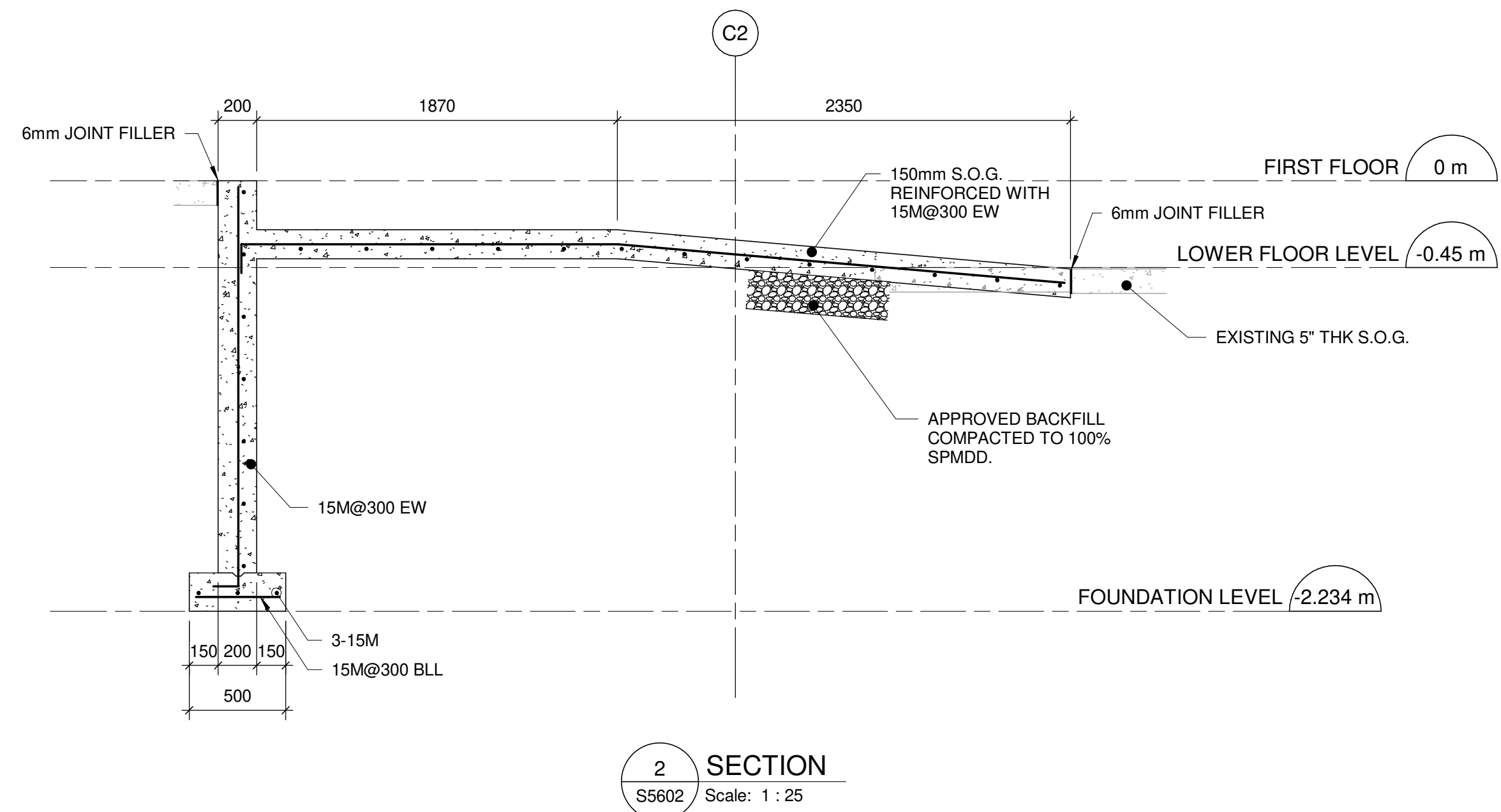
ISSUE

D



NOTE:

1. BOTTOM OF RAMP FOOTING TO MATCH ELEVATION OF EXISTING FOOTING (EL. -2.234m). CONTRACTOR TO VERIFY ELEVATION ON SITE PRIOR TO ALL CONSTRUCTION WORKS.



MECHANICAL DRAWING LIST	
Sheet Number	Sheet Name
M0001	MECHANICAL DRAWING LIST
M1101	DEMOLITION PLAN - GROUND FLOOR
M1102	DEMOLITION - SECOND FLOOR
M2101	PLUMBING - GROUND FLOOR
M2102	PLUMBING - SECOND FLOOR
M3101	DRAINAGE - GROUND FLOOR
M3102	DRAINAGE - SECOND FLOOR
M4101	FIRE PROTECTION - GROUND FLOOR
M4102	FIRE PROTECTION - SECOND FLOOR
M5101	HVAC - GROUND FLOOR
M5103	HVAC - SECOND FLOOR

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PROJECT TITLE
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PROJECT ADDRESS

Ellesmere Yard, Building D
1050 Ellesmere Rd

PROJECT NO: 122260	
DRAWN BY: S. SHARMA	CHECKED BY: S. LIU
PROJECT MGR: N. FRISCIC	APPROVED BY: B. LIAO

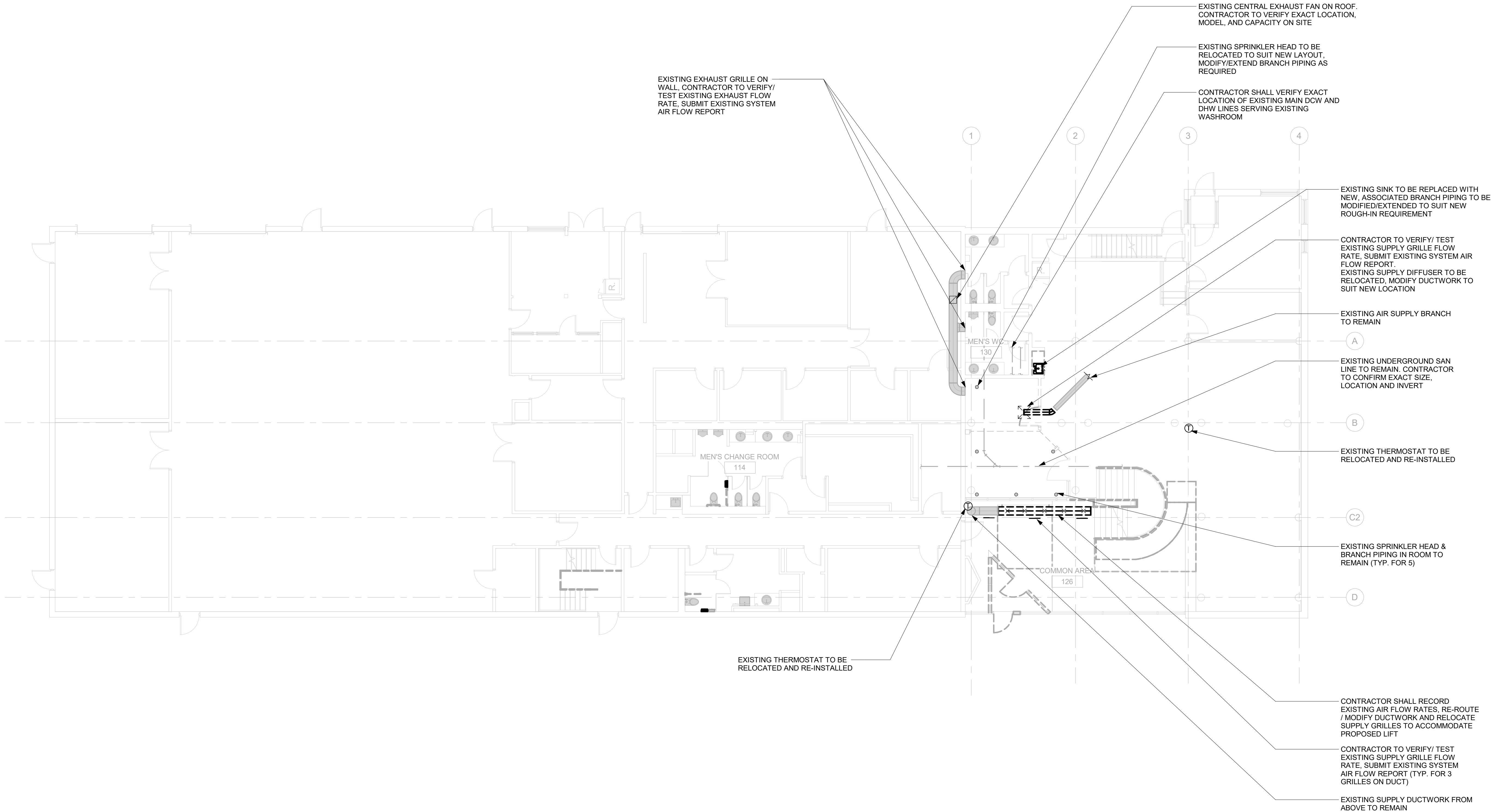
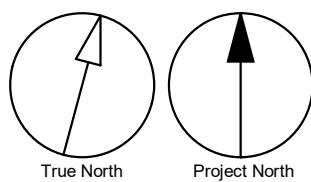
SHEET TITLE
MECHANICAL DRAWING
LIST

SHEET NUMBER G03-017-M0001	ISSUE D
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2022-12-07 11:19:24 AM



- GENERAL NOTES:
1. CONTRACTOR TO VERIFY SITE CONDITION.
 2. REMOVE AND CAP EXISTING SERVICES AS SHOWN ON THE DRAWING.
 3. ALL EXISTING SERVICES SHALL REMAIN UNLESS OTHERWISE NOTED.



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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

Ellesmere Yard, Building D
1050 Ellesmere Rd

PROJECT NO:
122260

DRAWN BY:
S. SHARMA

CHECKED BY:
S. LIU

PROJECT MGR:
N. FRISCIC

APPROVED BY:
B. LIAO

SHEET TITLE
**DEMOLITION PLAN -
GROUND FLOOR**

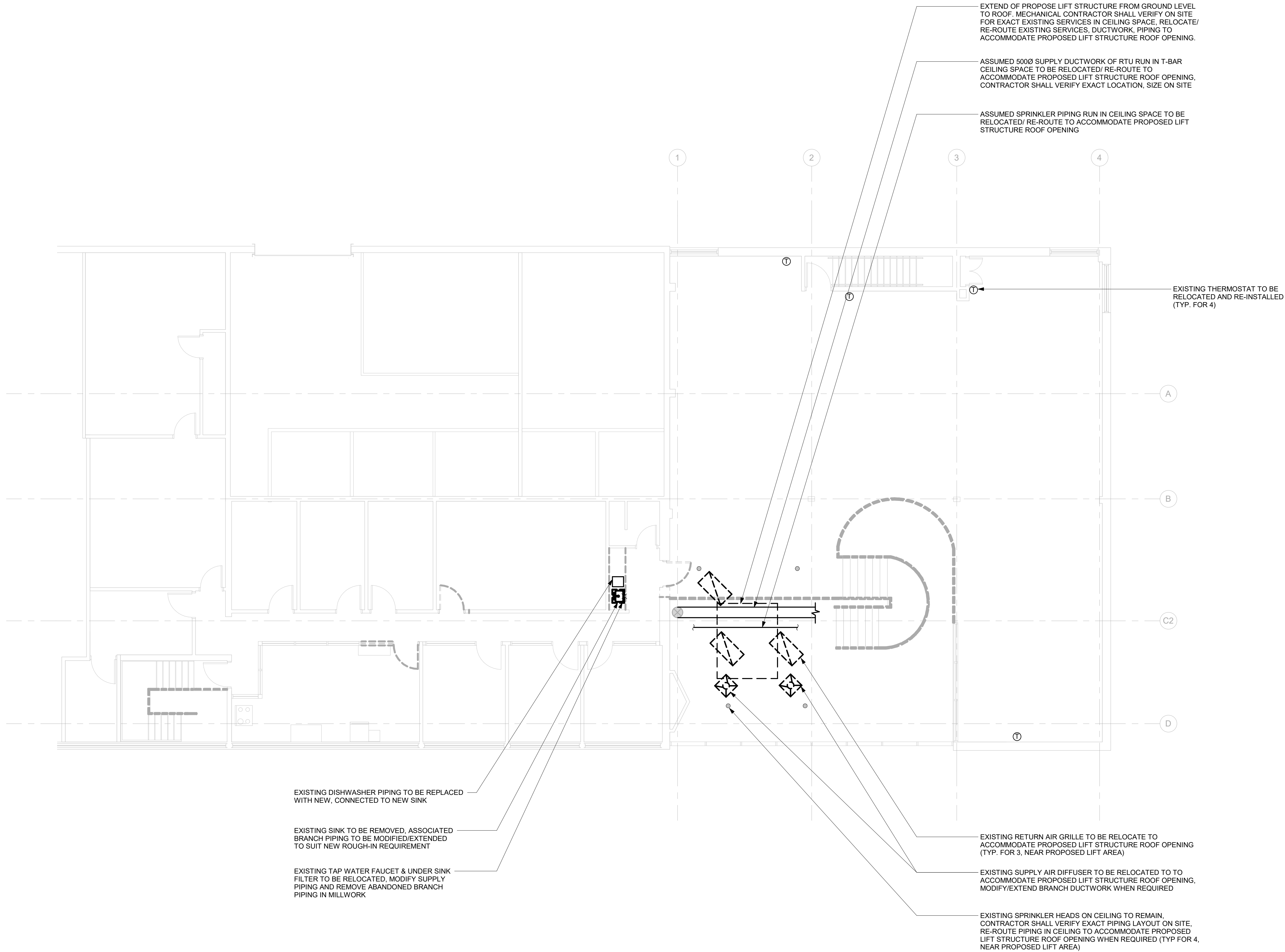
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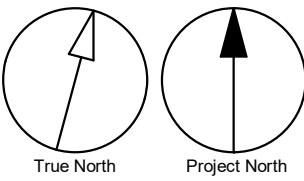
ISSUE

D

BIM 360/122260 - CoT TAU Upgrades R2020122260-TAU-3-17-050ELSMR-M-R20.rvt | 10mm | 1 m



- GENERAL NOTES:
1. CONTRACTOR TO VERIFY SITE CONDITION.
 2. REMOVE AND CAP EXISTING SERVICES AS SHOWN ON THE DRAWING.
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1050 Ellesmere Rd**

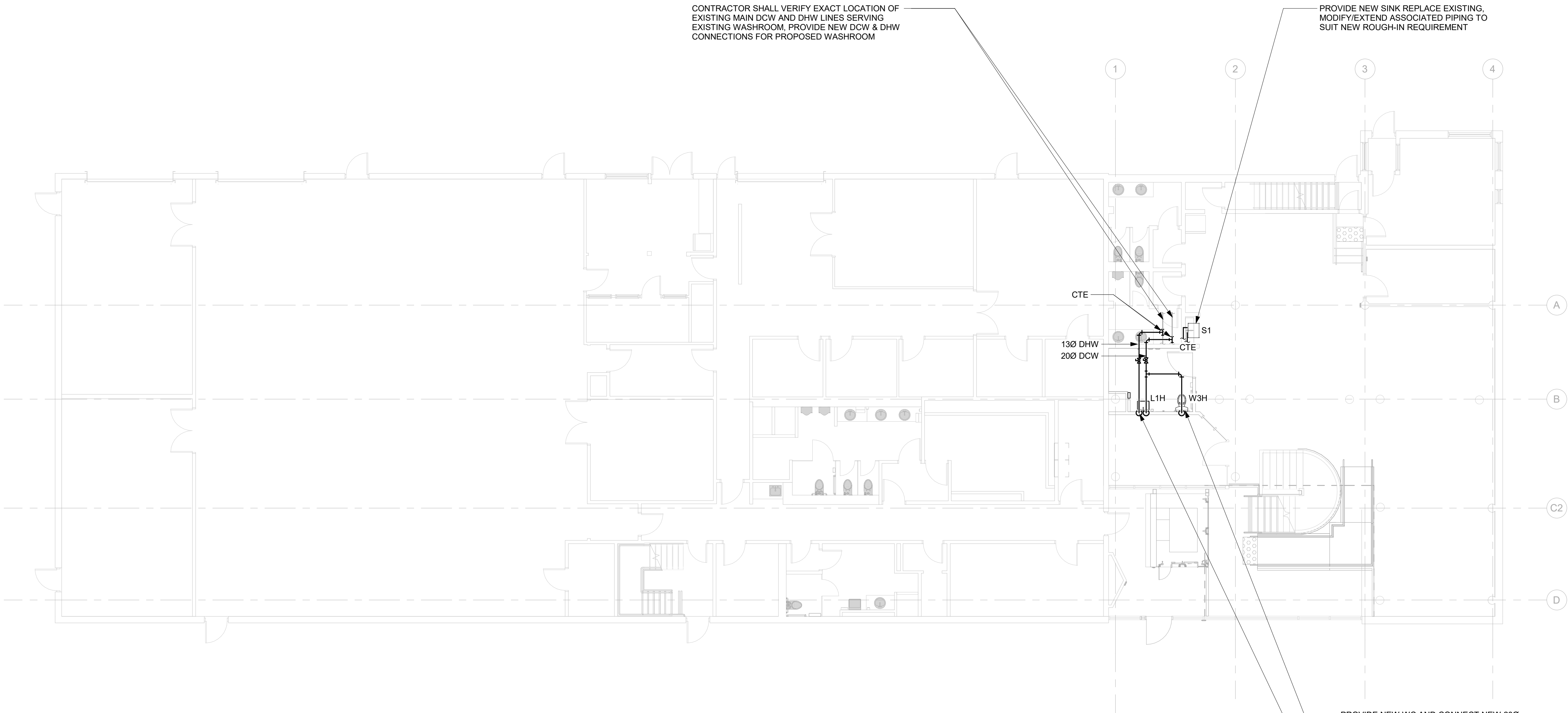
PROJECT NO:
122260

DRAWN BY: S. SHARMA	CHECKED BY: S. LIU
PROJECT MGR: N. FRISCIC	APPROVED BY: B. LIAO

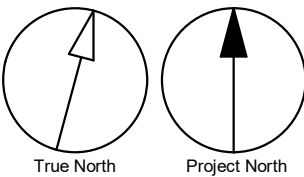
SHEET TITLE
**DEMOLITION - SECOND
FLOOR**

SHEET NUMBER G03-017-M1102	ISSUE D
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2022-12-07 11:19:26 AM



- GENERAL NOTES:
1. REFER TO SPECIFICATIONS FOR PLUMBING FIXTURE UNIT TYPES.
 2. ALL NEW FIXTURES TO BE FITTED WITH ISOLATION VALVES.



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C	ISSUED FOR PERMIT	2022-07-29
D	ISSUED FOR TENDER	2022-12-09

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PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

Ellesmere Yard, Building D
1050 Ellesmere Rd

PROJECT NO:
122260

DRAWN BY:
S. SHARMA

CHECKED BY:
S. LIU

PROJECT MGR:
N. FRISCIC

APPROVED BY:
B. LIAO

SHEET TITLE

PLUMBING - GROUND
FLOOR

SHEET NUMBER

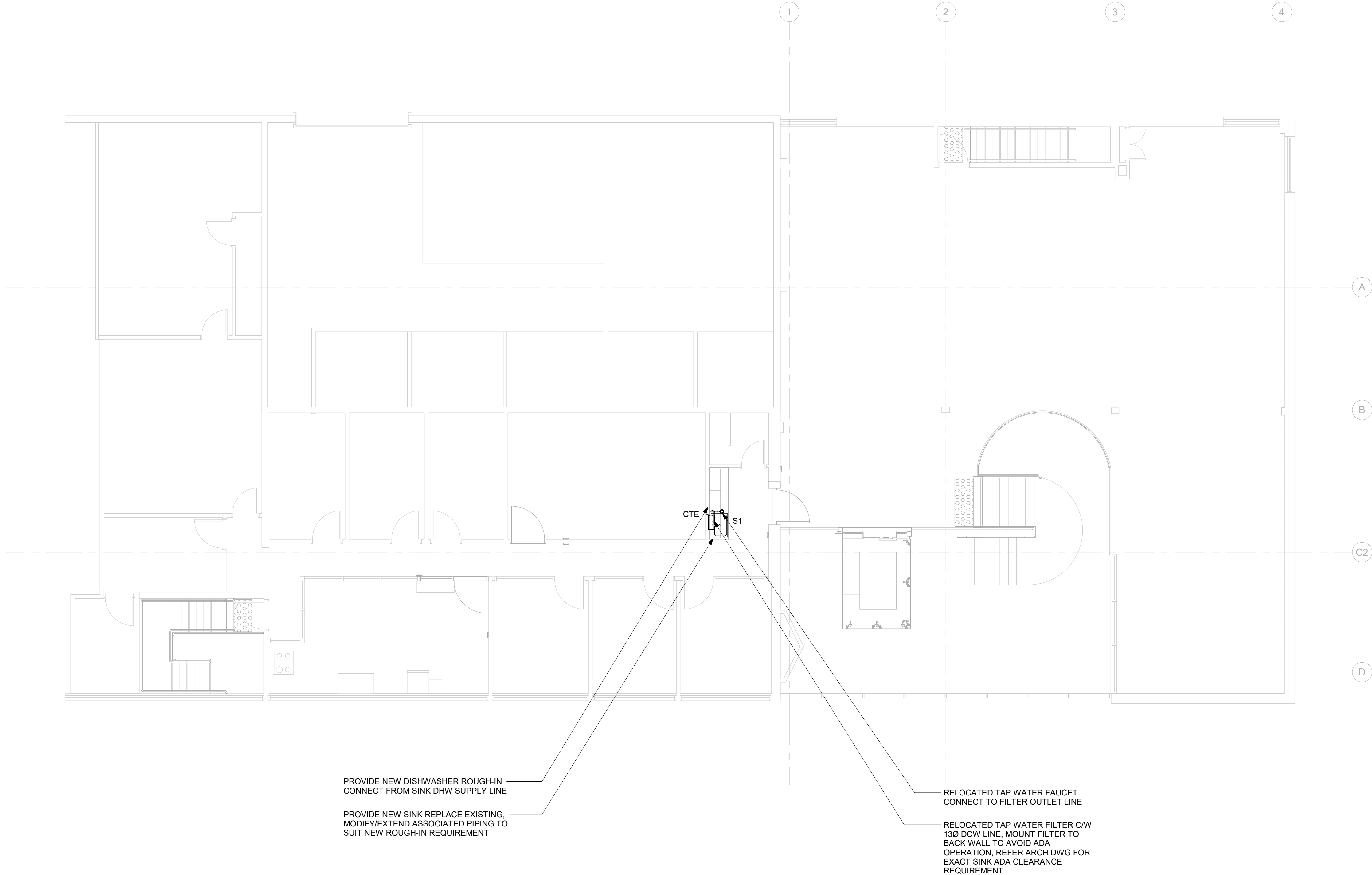
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ISSUE

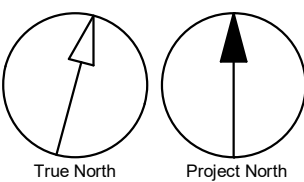
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BIW 380//122260 - CoT TAU Upgrades R2020122260-TAU-3-17-050ELSMR-M-R20.rvt 1/10m 1/1m

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- GENERAL NOTES:
- REFER TO SPECIFICATIONS FOR PLUMBING FIXTURE UNIT TYPES.
 - ALL NEW FIXTURES TO BE FITTED WITH ISOLATION VALVES.



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PROJECT TITLE
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ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**Ellesmere Yard, Building D
1050 Ellesmere Rd**

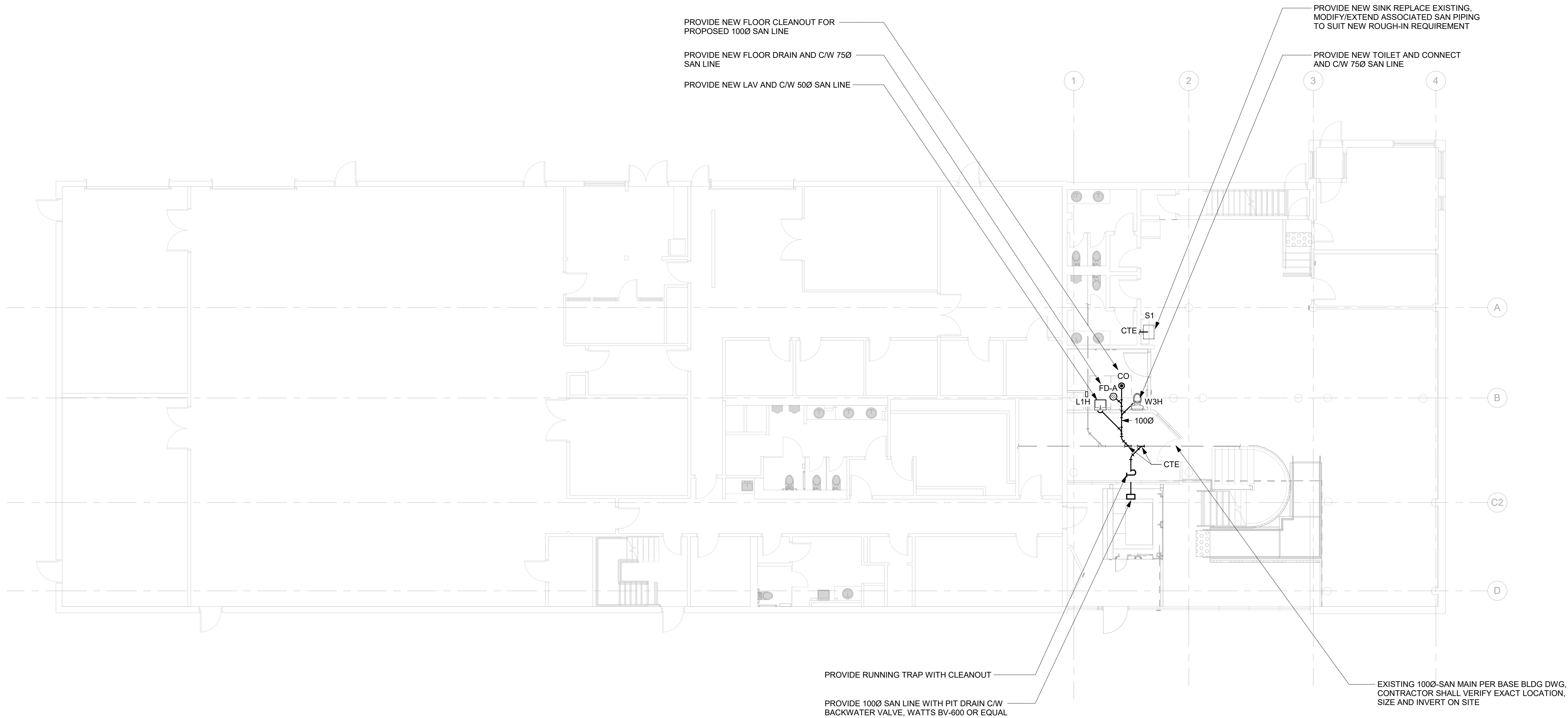
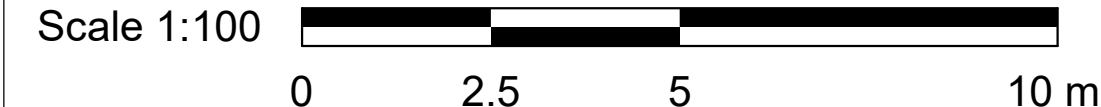
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DRAWN BY: S. SHARMA	CHECKED BY: S. LIU
PROJECT MGR: N. FRISCIC	APPROVED BY: B. LIAO

SHEET TITLE
**PLUMBING - SECOND
FLOOR**

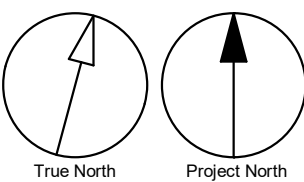
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2022-12-07 11:19:27 AM



- GENERAL NOTES:
1. REFER TO SPECIFICATIONS FOR PLUMBING FIXTURE UNIT TYPES.
 2. PROVIDE SANITARY VENT FOR EACH NEW PLUMBING FIXTURE AND CONNECT TO EXISTING SANITARY VENT MAIN.
 3. PROVIDE P-TRAP FOR EACH PLUMBING FIXTURE AS PER OBC.
 4. ALL NEW FLOOR DRAINS SHALL BE C/W P-TRAP AND TRAP SEAL PRIMER.
 5. PROVIDE TRAP SEAL PRIMER FOR RUNNING TRAP.
 6. PROVIDE FIRE STOP FOR ALL PIPE PENETRATIONS THROUGH FIRE SEPERATIONS.
 7. ALL UNDERGROUND SANITARY PIPING SHALL BE MINIMUM 75mmØ UNLESS OTHERWISE NOTED.



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ibigroup.com

PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

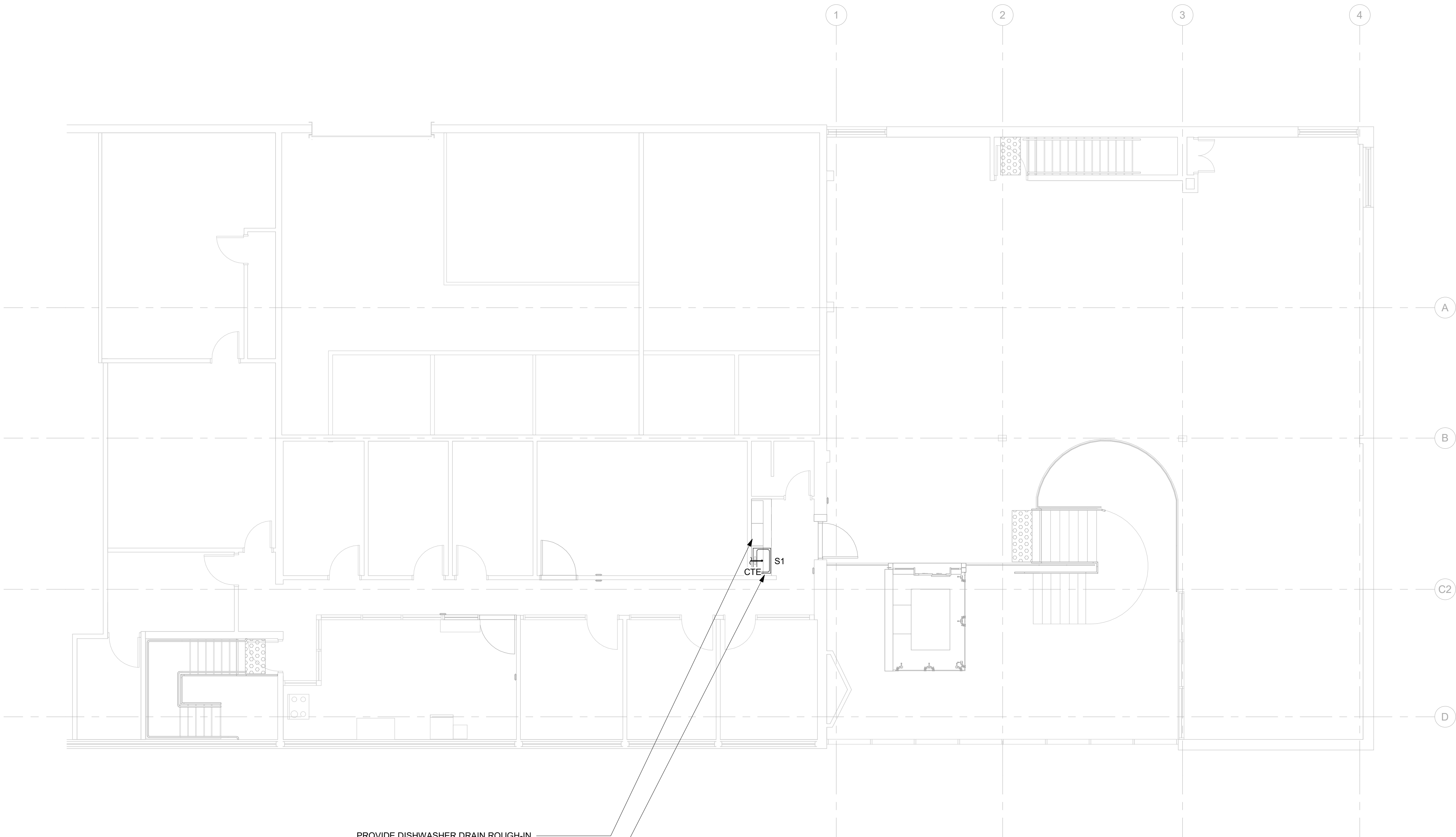
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**Ellesmere Yard, Building D
1050 Ellesmere Rd**

PROJECT NO: 122260	
DRAWN BY: S. SHARMA	CHECKED BY: S. LIU
PROJECT MGR: N. FRISCIC	APPROVED BY: B. LIAO

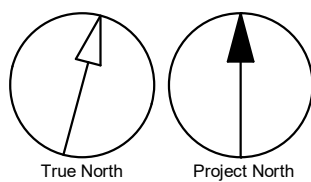
SHEET TITLE
**DRAINAGE - GROUND
FLOOR**

SHEET NUMBER G03-017-M3101	ISSUE D
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2022-12-07 11:19:27 AM



- GENERAL NOTES:
- REFER TO SPECIFICATIONS FOR PLUMBING FIXTURE UNIT TYPES.
 - PROVIDE SANITARY VENT FOR EACH NEW PLUMBING FIXTURE AND CONNECT TO EXISTING SANITARY VENT MAIN.
 - PROVIDE P-TRAP FOR EACH PLUMBING FIXTURE AS PER OBC.
 - ALL NEW FLOOR DRAINS SHALL BE C/W P-TRAP AND TRAP SEAL PRIMER.
 - PROVIDE TRAP SEAL PRIMER FOR RUNNING TRAP.
 - PROVIDE FIRE STOP FOR ALL PIPE PENETRATIONS THROUGH FIRE SEPERATIONS.
 - ALL UNDERGROUND SANITARY PIPING SHALL BE MINIMUM 75mmØ UNLESS OTHERWISE NOTED.



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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**Ellesmere Yard, Building D
1050 Ellesmere Rd**

PROJECT NO:
122260

DRAWN BY:
S. SHARMA

CHECKED BY:
S. LIU

PROJECT MGR:
N. FRISCIC

APPROVED BY:
B. LIAO

SHEET TITLE
**DRAINAGE - SECOND
FLOOR**

SHEET NUMBER

G03-017-M3102

ISSUE

D

BIM 360://122260 - CoT TAU Upgrades R2020122260-TAU-3-17-050ELSMR-M-R20.rvt

10mm

SCALE CHECK
1 in

ISSUES		
No.	DESCRIPTION	DATE
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PROJECT TITLE

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ACCESSIBILITY UPGRADES

PROJECT ADDRESS

Ellesmere Yard, Building D
1050 Ellesmere Rd

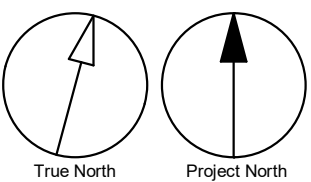
PROJECT NO:
122260

DRAWN BY: S. SHARMA	CHECKED BY: S. LIU
PROJECT MGR: N. FRISCIC	APPROVED BY: B. LIAO

SHEET TITLE

FIRE PROTECTION -
GROUND FLOOR

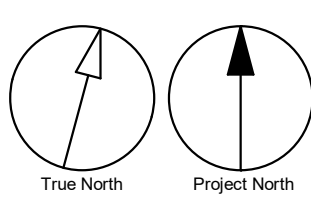
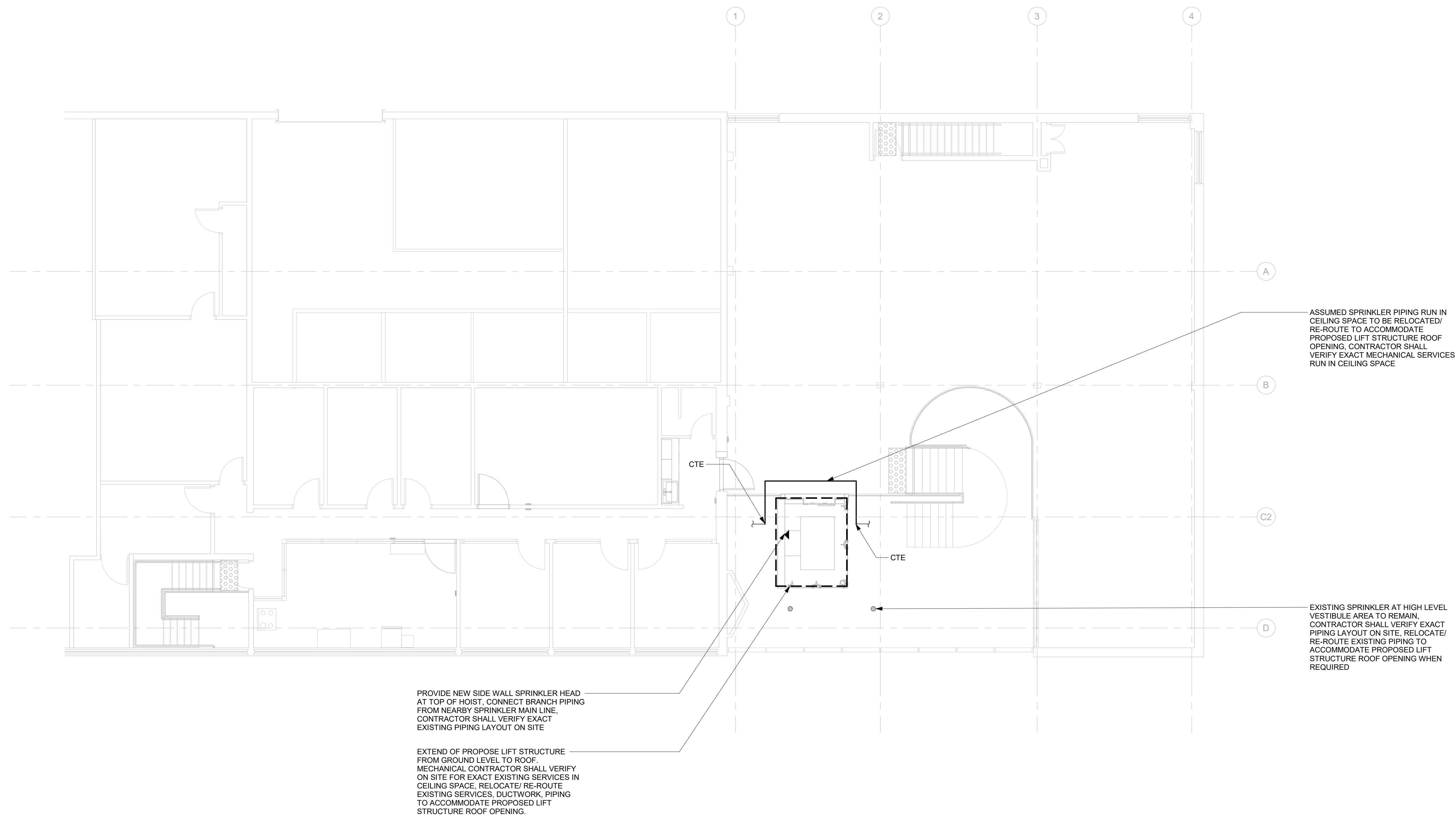
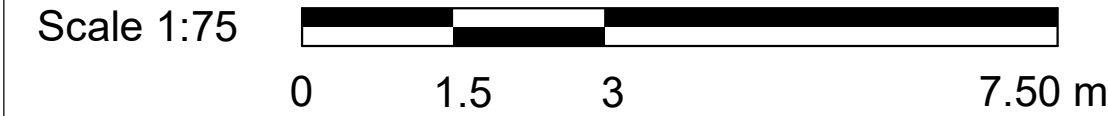
SHEET NUMBER	ISSUE
G03-017-M4101	D



Scale 1:100

0 2.5 5 10 m

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C	ISSUED FOR PERMIT	2022-07-29
D	ISSUED FOR TENDER	2022-12-09

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IBI GROUP
175 Galaxy Blvd, Unit 100
Toronto, ON M9W 0C9, Canada
tel 416 679 1930 fax 416 675 4620
ibigroup.com

PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**Ellesmere Yard, Building D
1050 Ellesmere Rd**

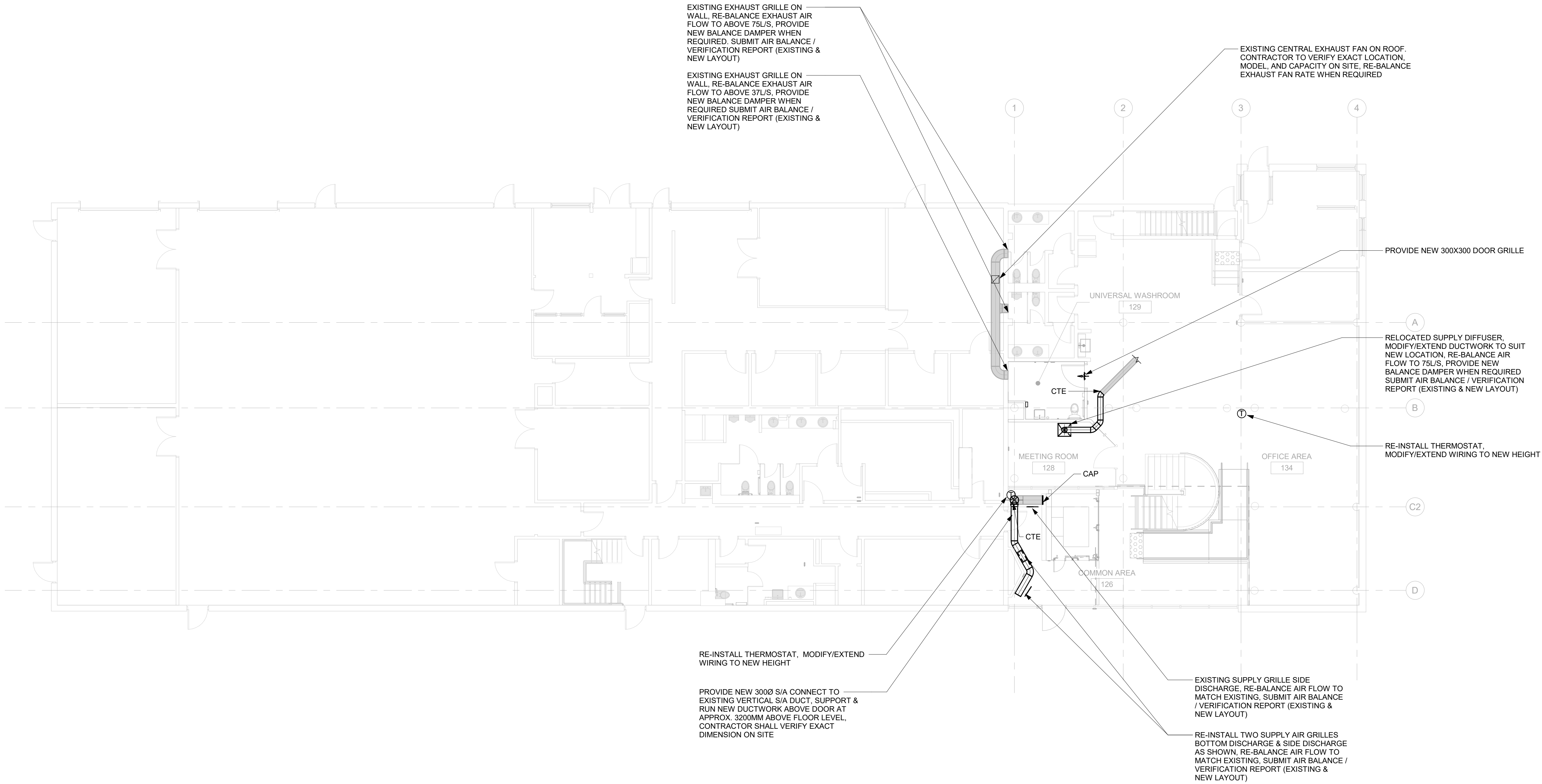
PROJECT NO: 122260	
DRAWN BY: S. SHARMA	CHECKED BY: S. LIU
PROJECT MGR: N. FRISCIC	APPROVED BY: B. LIAO

SHEET TITLE
**FIRE PROTECTION -
SECOND FLOOR**

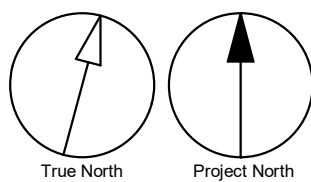
SHEET NUMBER G03-017-M4102	ISSUE D
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BIM 360/122260 - CoT TAU Upgrades R2020122260-TAU-3-17-050ELSMR-M-R20.rvt 10mm 1 m

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- GENERAL NOTES:
1. ADD AND ADJUST DUCTS TO FIT NEW DIFFUSERS/GRILLES.
 2. THERMOSTATS TO BE MOUNTED AT 1200mm A.F.F.



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CITY OF TORONTO

Corporate Real Estate Management
Project Management Office
Metro Hall Toronto, ON
M5V 3C6

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C	ISSUED FOR PERMIT	2022-07-29
D	ISSUED FOR TENDER	2022-12-09

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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

Ellesmere Yard, Building D
1050 Ellesmere Rd

PROJECT NO:
122260

DRAWN BY:
S. SHARMA

CHECKED BY:
S. LIU

PROJECT MGR:
N. FRISCIC

APPROVED BY:
B. LIAO

SHEET TITLE
HVAC - GROUND FLOOR

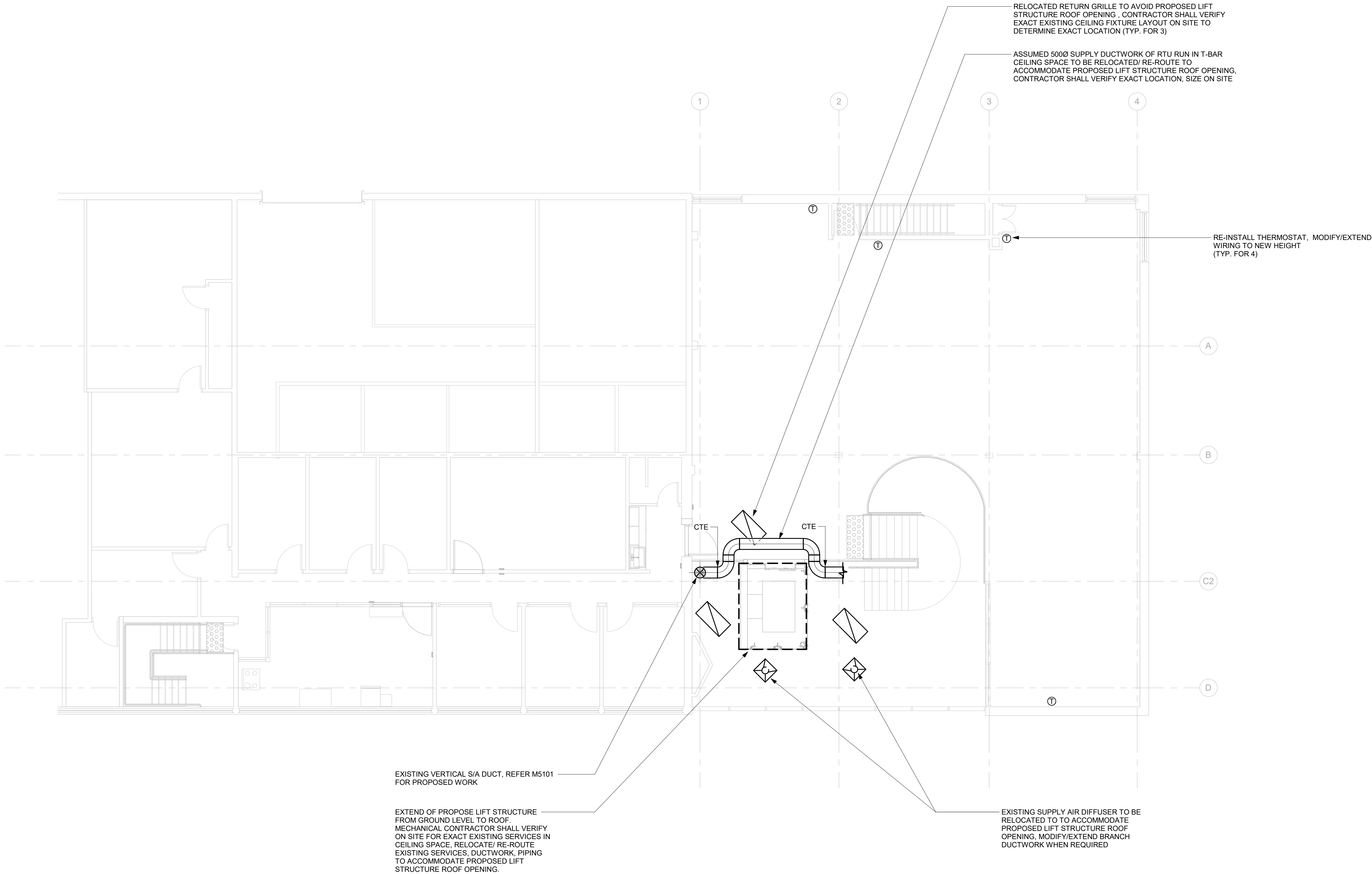
SHEET NUMBER

G03-017-M5101

ISSUE

D

BIM 360/122260 - CoT TAU Upgrades R2020122260-TAU-3-17-050EL-SMR-M-R20.rvt 1/10



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PROJECT TITLE

**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

**Ellesmere Yard, Building D
1050 Ellesmere Rd**

PROJECT NO:
122260

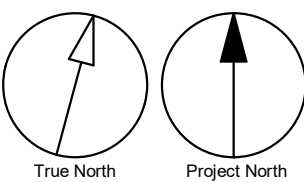
DRAWN BY: S. SHARMA	CHECKED BY: S. LIU
PROJECT MGR: N. FRISCH	APPROVED BY: B. LIAO

SHEET TITLE

HVAC - SECOND FLOOR

SHEET NUMBER	ISSUE
G03-017-M5103	D

- GENERAL NOTES:
1. ADD AND ADJUST DUCTS TO FIT NEW DIFFUSERS/GRILLES.
 2. THERMOSTATS TO BE MOUNTED AT 1200mm A.F.F.



2022-12-08 2:54:56 PM



ELECTRICAL DRAWING LIST	
Sheet Number	Sheet Name
E0000	DRAWING LIST
E1101	ELECTRICAL DEMOLITION PLAN 1ST FLOOR
E1102	ELECTRICAL DEMOLITION PLAN 2ND FLOOR
E2101	POWER & SYSTEMS PLAN 1ST FLOOR
E2102	POWER & SYSTEMS PLAN 2ND FLOOR

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PROJECT TITLE
CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

Ellesmere Yard, Building D
1050 Ellesmere Rd

PROJECT NO:
122260

DRAWN BY: M.BOJIC	CHECKED BY: P. WILLIAMS
PROJECT MGR:	APPROVED BY: P. WILLIAMS

SHEET TITLE
DRAWING LIST

SHEET NUMBER

G03-017-E0000

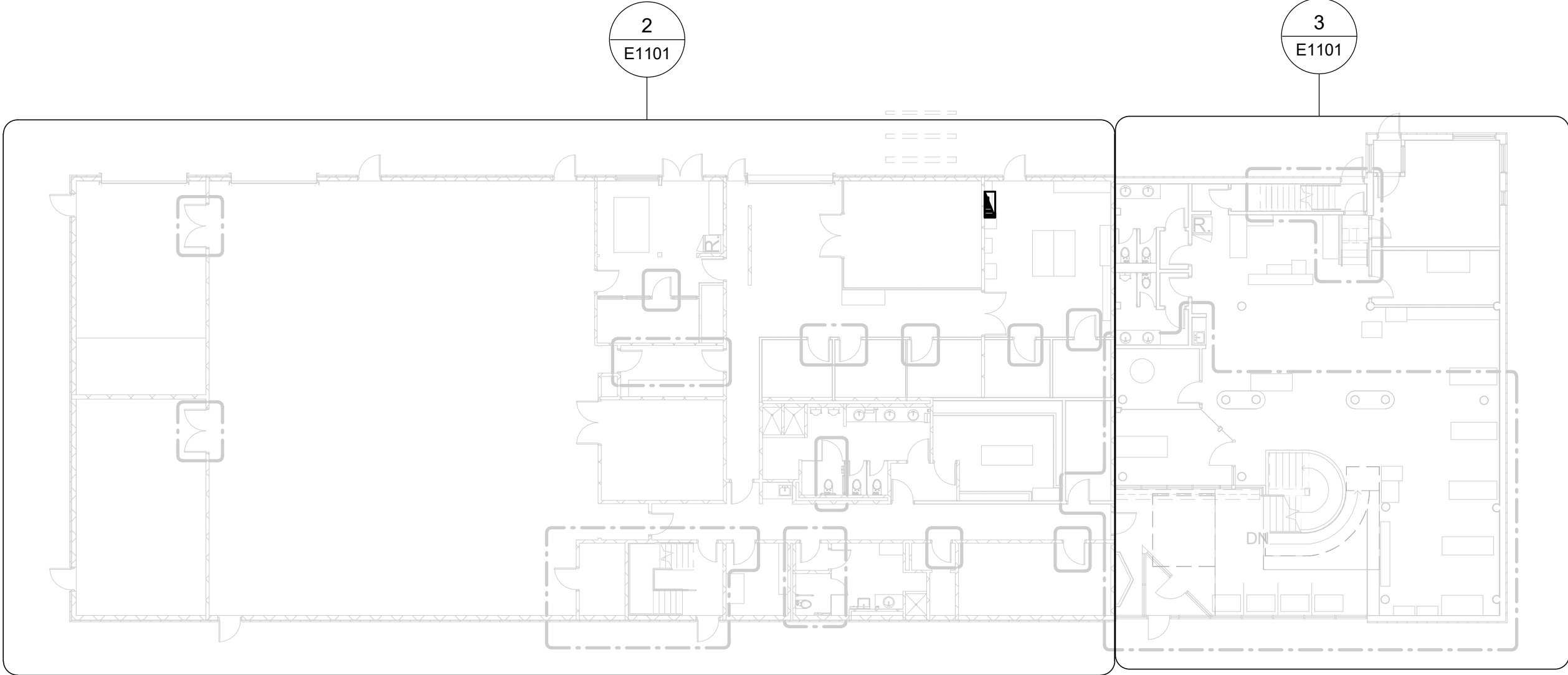
ISSUE

E

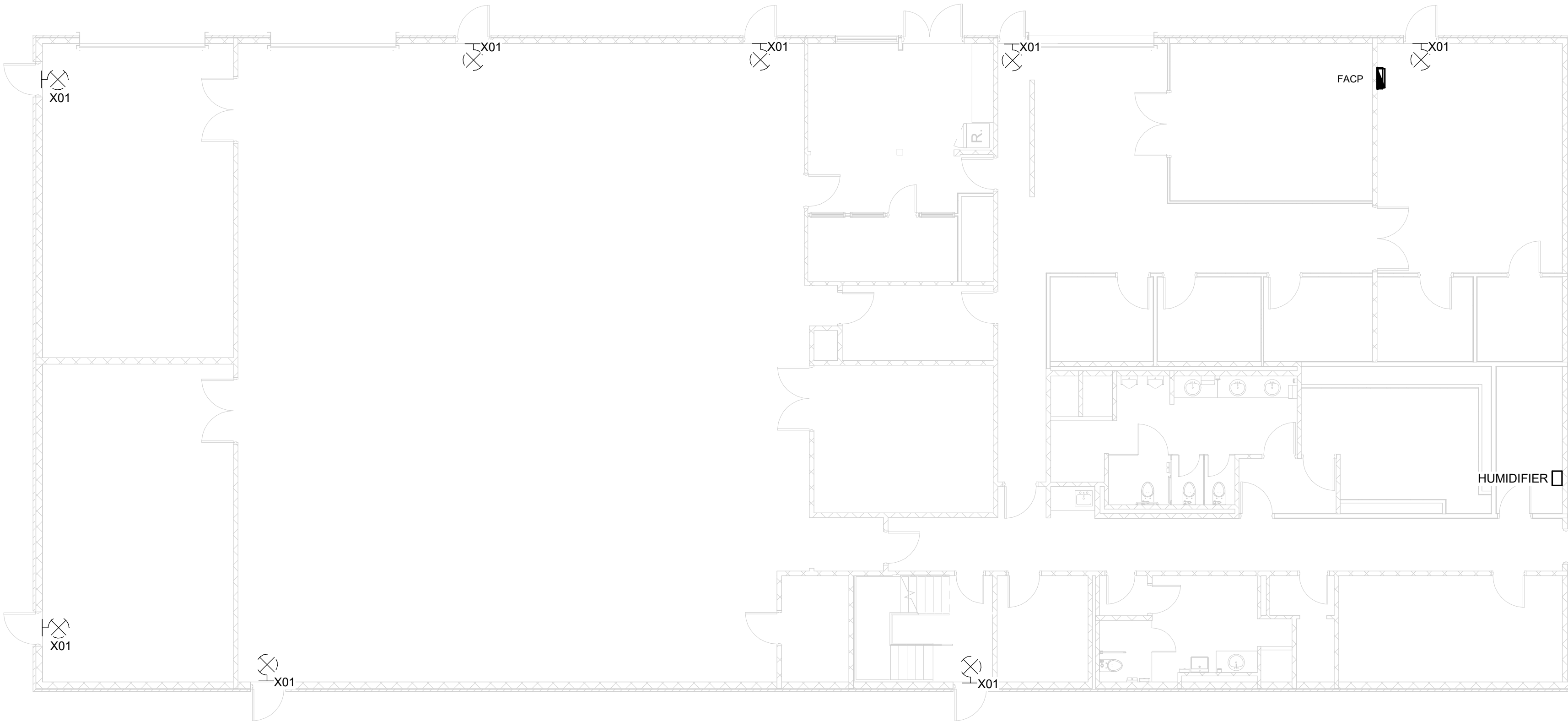
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10mm

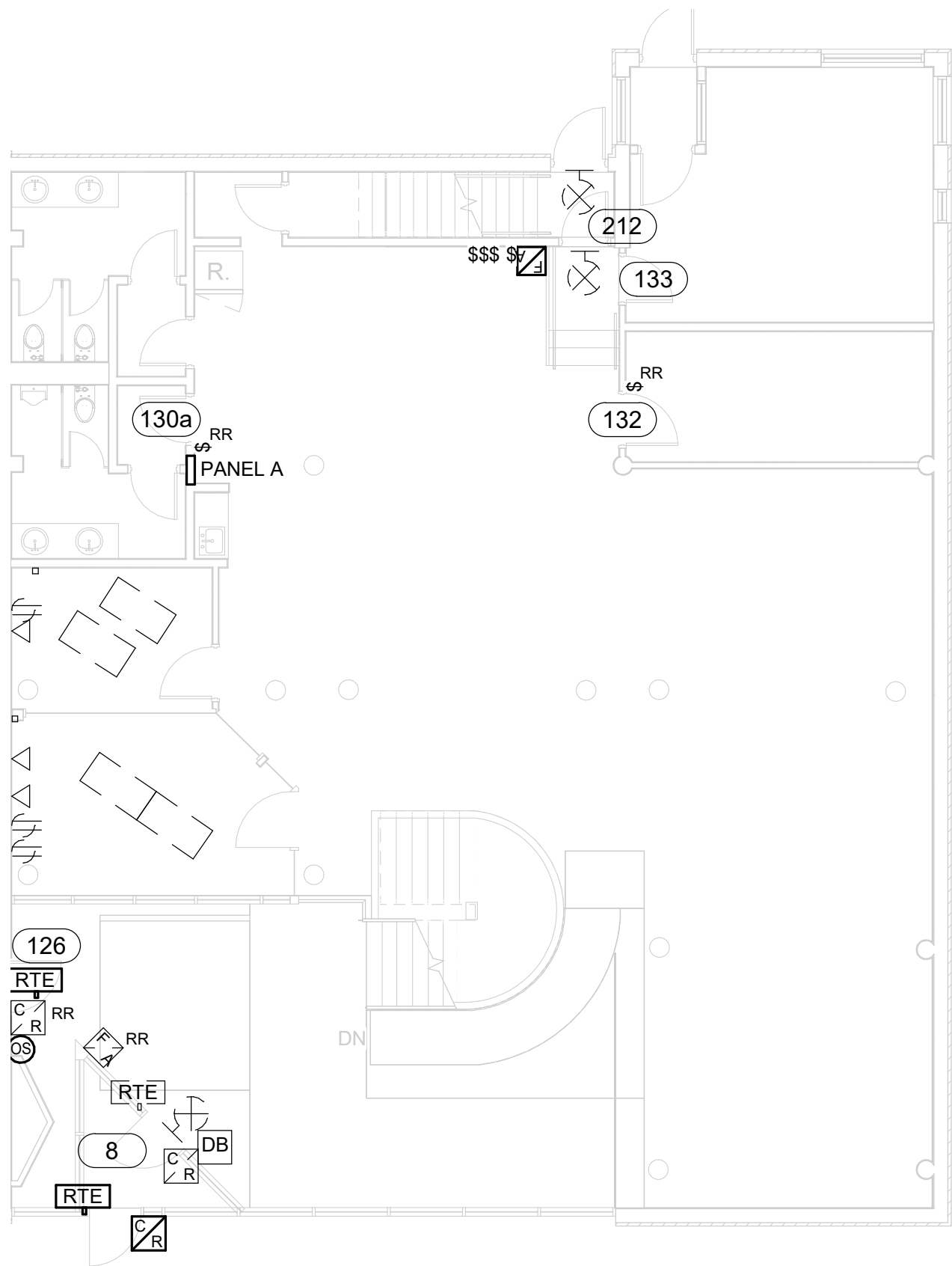
SCALE CHECK
1 m



1 POWER AND SYSTEMS DEMOLITION PLAN 1ST FLOOR
Scale: 1 : 200



2 POWER AND SYSTEMS DEMOLITION PLAN 1ST FLOOR - GROUND
Scale: 1 : 100



3 POWER AND SYSTEMS DEMOLITION PLAN 1ST FLOOR - LOWER
Scale: 1 : 100

NOTES:

1. DISCONNECT AND REMOVE POWER OUTLETS, EXIT SIGNS, LIGHTS, OCCUPANCY SENSORS, AND LIGHT SWITCHES, AS NOTED ON ELECTRICAL DEMOLITION PLAN. REMOVE WIRING AND CONDUIT. PULL BACK WIRING TO NEAREST JUNCTION BOX, AND COIL UP. MAKE SAFE. EXISTING WIRING AND CIRCUIT TO BE REUSED, UNLESS OTHERWISE NOTED.
2. DISCONNECT AND REMOVE DATA OUTLETS AS NOTED ON ELECTRICAL DEMOLITION PLAN. REMOVE WIRING AND CONDUIT. PULL BACK WIRING TO AVOID IMPACT OF CONSTRUCTION, AND COIL UP. MAKE SAFE. EXISTING WIRING TO BE REUSED, UNLESS OTHERWISE NOTED.
3. DISCONNECT AND REMOVE PULL STATIONS, HEAT DETECTORS, AND STROBE DETECTORS AS NOTED ON ELECTRICAL DEMOLITION PLAN. REMOVE WIRING AND CONDUIT. PULL BACK WIRING TO AVOID IMPACT OF CONSTRUCTION, AND COIL UP. MAKE SAFE. EXISTING DEVICE AND EXISTING CONNECTIONS TO BE REUSED, UNLESS OTHERWISE NOTED.
4. DISCONNECT AND REMOVE CARD READERS AS NOTED ON ELECTRICAL DEMOLITION PLAN. REMOVE WIRING AND CONDUIT. PULL BACK WIRING TO AVOID IMPACT OF CONSTRUCTION, AND COIL UP. MAKE SAFE. EXISTING DEVICE AND EXISTING CONNECTIONS TO BE REUSED, UNLESS OTHERWISE NOTED. COORDINATE WITH CORPORATE SECURITY BEFORE DISCONNECTING AND RELOCATING SECURITY DEVICES. ONBOARD SECURITY CONSULTANT AT THE BEGINNING OF CONSTRUCTION.

11 EXIT SIGNS TO BE REPLACED

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E	TENDER	2022-12-09

CONSULTANTS

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PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

Ellesmere Yard, Building D
1050 Ellesmere Rd

PROJECT NO:

122260

DRAWN BY:

A. FEDIW

CHECKED BY:

M. BOJIC

PROJECT MGR:

APPROVED BY:

P. WILLIAMS

SHEET TITLE

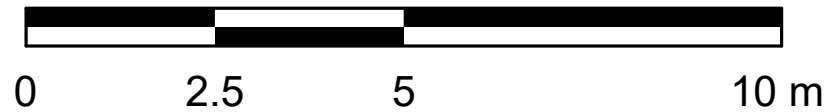
ELECTRICAL
DEMOLITION PLAN 1ST
FLOOR

SHEET NUMBER

G03-017-E1101

ISSUE

E



ISSUES		
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PROJECT TITLE

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ACCESSIBILITY UPGRADES

PROJECT ADDRESS

Ellesmere Yard, Building D
1050 Ellesmere Rd

PROJECT NO:
122260

DRAWN BY:
A. FEDIW

CHECKED BY:
M. BOJIC

PROJECT MGR:

APPROVED BY:
P. WILLIAMS

SHEET TITLE

ELECTRICAL
DEMOLITION PLAN 2ND
FLOOR

SHEET NUMBER

G03-017-E1102

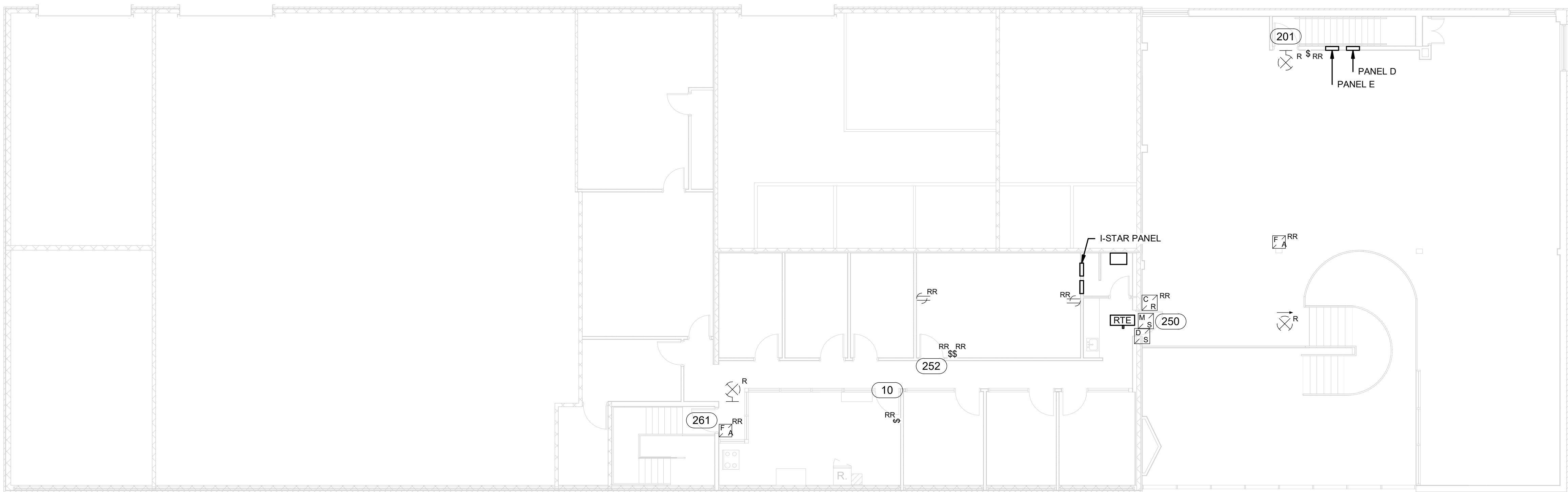
ISSUE

E

NOTES:

- DISCONNECT AND REMOVE POWER OUTLETS, EXIT SIGNS, LIGHTS, OCCUPANCY SENSORS, AND LIGHT SWITCHES, AS NOTED ON ELECTRICAL DEMOLITION PLAN. REMOVE WIRING AND CONDUIT. PULL BACK WIRING TO NEAREST JUNCTION BOX, AND COIL UP. MAKE SAFE. EXISTING WIRING AND CIRCUIT TO BE REUSED, UNLESS OTHERWISE NOTED.
- DISCONNECT AND REMOVE DATA OUTLETS AS NOTED ON ELECTRICAL DEMOLITION PLAN. REMOVE WIRING AND CONDUIT. PULL BACK WIRING TO AVOID IMPACT OF CONSTRUCTION, AND COIL UP. MAKE SAFE. EXISTING WIRING TO BE REUSED, UNLESS OTHERWISE NOTED.
- DISCONNECT AND REMOVE PULL STATIONS, HEAT DETECTORS, AND STROBE DETECTORS AS NOTED ON ELECTRICAL DEMOLITION PLAN. REMOVE WIRING AND CONDUIT. PULL BACK WIRING TO AVOID IMPACT OF CONSTRUCTION, AND COIL UP. MAKE SAFE. EXISTING DEVICE AND EXISTING CONNECTIONS TO BE REUSED, UNLESS OTHERWISE NOTED.
- DISCONNECT AND REMOVE CARD READERS AS NOTED ON ELECTRICAL DEMOLITION PLAN. REMOVE WIRING AND CONDUIT. PULL BACK WIRING TO AVOID IMPACT OF CONSTRUCTION, AND COIL UP. MAKE SAFE. EXISTING DEVICE AND EXISTING CONNECTIONS TO BE REUSED, UNLESS OTHERWISE NOTED. COORDINATE WITH CORPORATE SECURITY BEFORE DISCONNECTING AND RELOCATING SECURITY DEVICES. ONBOARD SECURITY CONSULTANT AT THE BEGINNING OF CONSTRUCTION.

3 EXIT SIGNS TO BE REPLACED

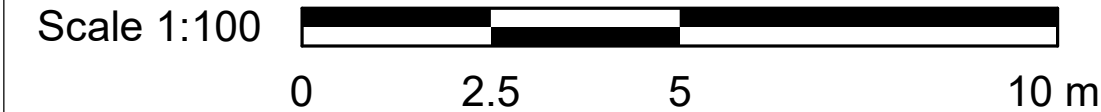


1 POWER & SYSTEMS DEMOLITION PLAN 2ND FLOOR
E1102 Scale: 1 : 100

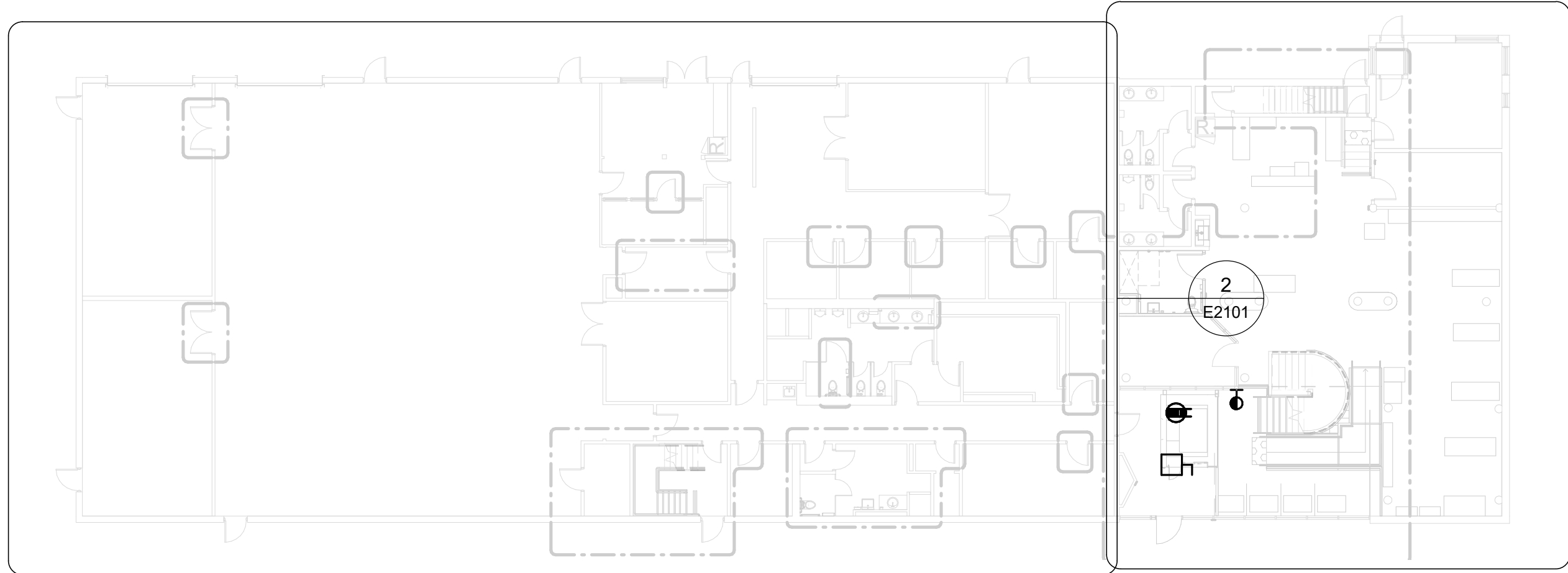
Scale 1:100

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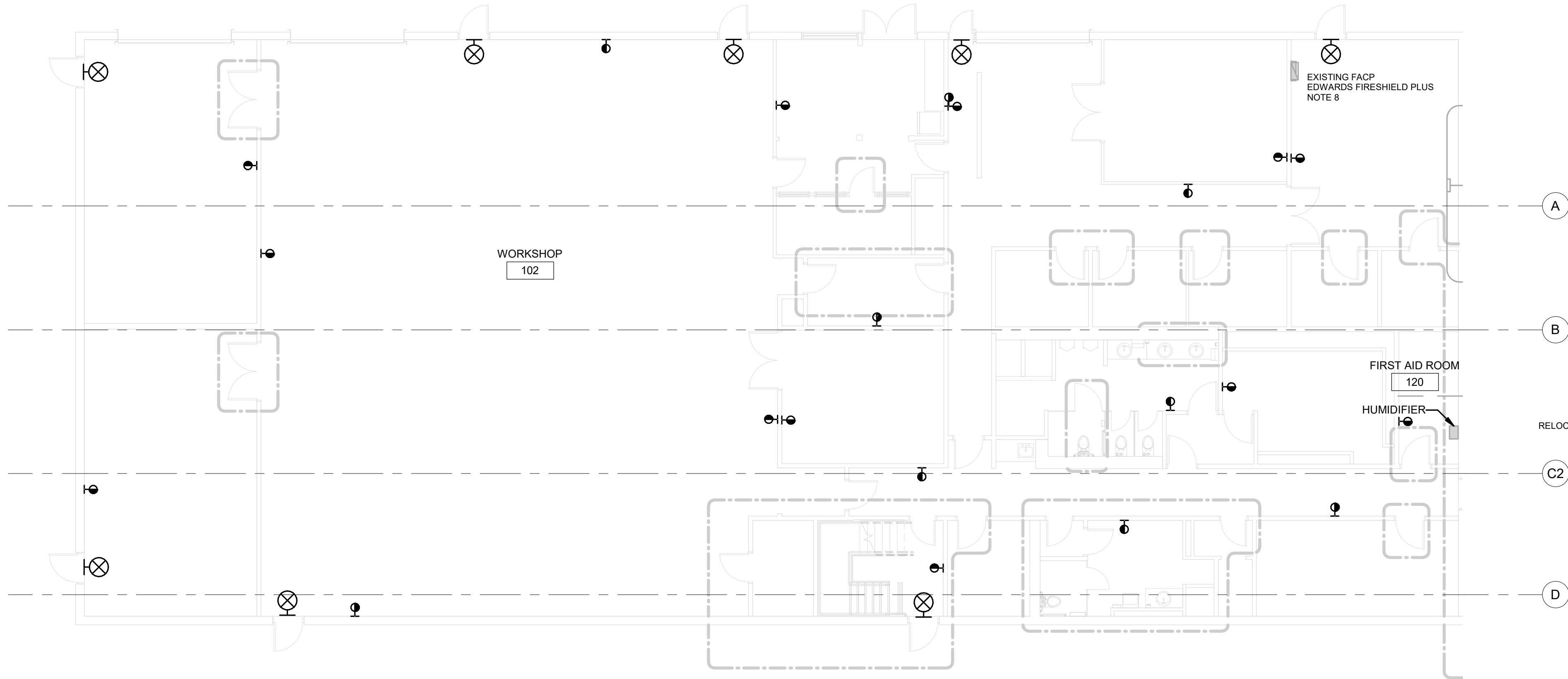
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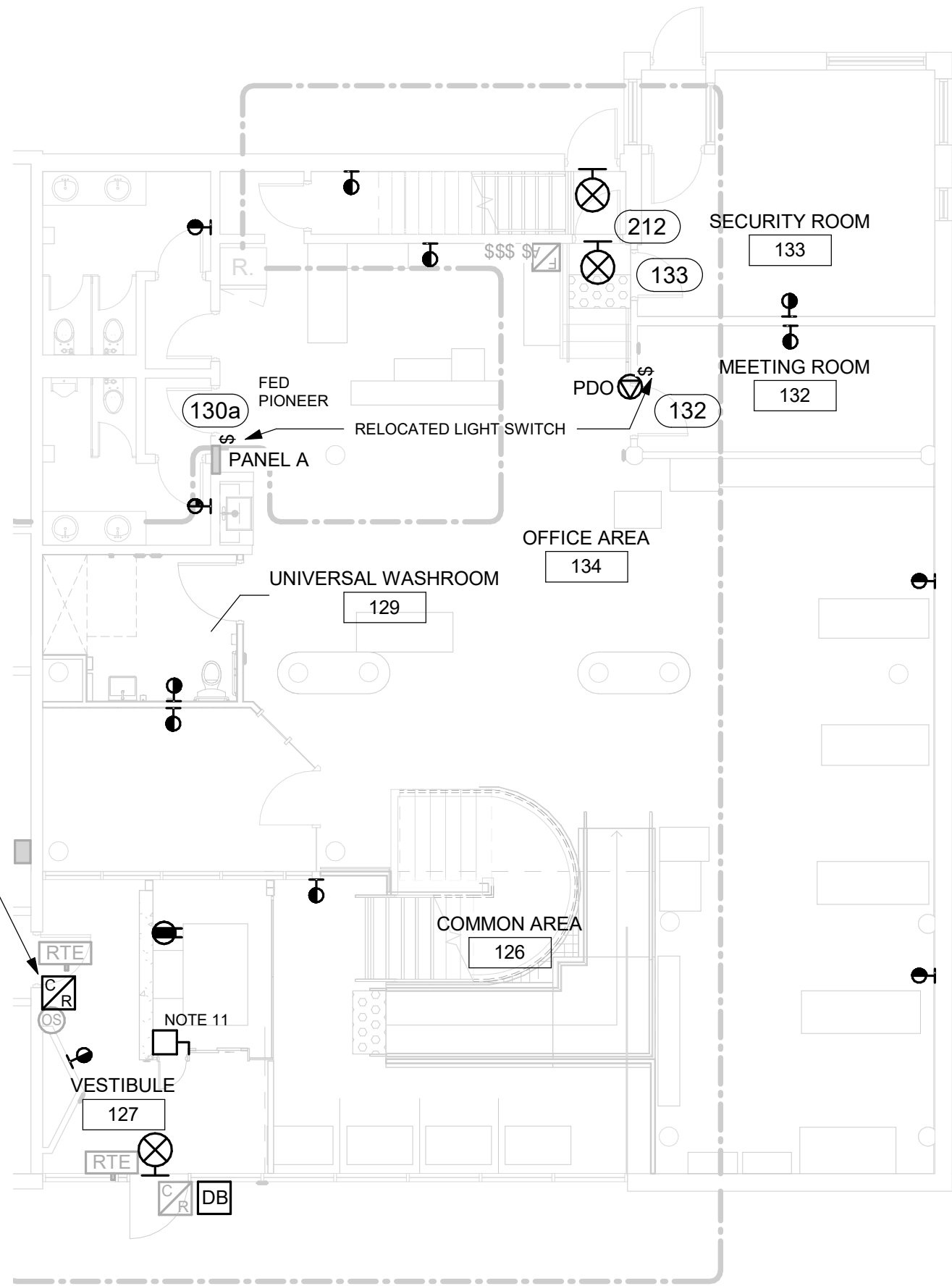
1 POWER & SYSTEMS PLAN 1ST FLOOR
E2101 / Scale: 1 : 200



2 POWER & SYSTEMS PLAN 1ST FLOOR - GROUND
E2101 / Scale: 1 : 100



3 POWER & SYSTEMS PLAN 1ST FLOOR - LOWER
E2101 / Scale: 1 : 100



- NOTES:
- CIRCUIT NUMBERS SHOWN FOR GROUPING PURPOSES ONLY. ALLOCATE CIRCUITS TO EXISTING PANELS AS SPACE ALLOWS. ADD NEW CIRCUIT BREAKERS AS REQUIRED ASSUME 15A, 120V CIRCUIT BREAKER UNLESS OTHERWISE NOTED. UPDATE PANEL SCHEDULE WITH NEW LOADS. SUBMIT NEW PANEL SCHEDULE AS SHOP DRAWING.
 - CONNECT NEW AND/OR RELOCATED LUMINAIRES TO EXISTING LOCAL LIGHTING CIRCUIT, UNLESS OTHERWISE NOTED.
 - CONNECT NEW POWER RECEPTACLES TO EXISTING LOCAL RECEPTACLE CIRCUIT, UNLESS OTHERWISE NOTED. EXTEND WIRING AND CONDUITS AS NEEDED. MOUNT POWER OUTLETS ACCORDING TO MOUNTING HEIGHTS SCHEDULE ON SHEET GAL-G4003.
 - CONNECT DATA OUTLETS TO EXISTING SOURCE, UNLESS OTHERWISE NOTED. PULL NEW WIRING FROM SOURCE. MOUNT DATA OUTLETS ACCORDING TO MOUNTING HEIGHTS SCHEDULE ON SHEET GAL-G4003.
 - REFER TO ARCHITECTURAL PACKAGE FOR EXACT LOCATIONS OF BARRIER-FREE PUSH BUTTONS. CONNECT TO PDO ON RESPECTIVE DOOR.
 - MOUNT NEW AND/OR RELOCATED LIGHT SWITCHES ACCORDING TO MOUNTING HEIGHTS SCHEDULE ON SHEET GAL-G4003. CONNECT TO EXISTING LIGHTING CIRCUIT VIA EXISTING WIRING AND CONDUITS. EXTEND WIRING AND CONDUITS AS NEEDED.
 - PROVIDE NEW EXIT SIGNS (LUMINAIRE TYPE X01 AS SPECIFIED IN LUMINAIRE SCHEDULE). USE EXISTING WIRING FROM REMOVED EXIT SIGNS, AND CONNECT TO EXISTING CIRCUITS.
 - PROVIDE NEW FIRE ALARM STROBE DEVICES AS SHOWN. 15CD UNLESS OTHERWISE NOTED. PROVIDE UPGRADE TO EXISTING FA PANEL TO ACCOMMODATE NEW STROBE CIRCUITS. PROVISION FOR UPGRADE TO POWER SUPPLY AND PROVIDE NEW STROBE SYNCH MODULES/STROBE BOOSTER PANEL AS NECESSARY. VERIFY ON SITE EXISTING SYSTEM FUNCTIONALITY. VERIFY FIRE ALARM SYSTEM IN ACCORDANCE WITH ULC-S537.
 - IN AREAS WHERE NEW RECEPTACLES ARE PROVIDED, UPDATE THE FACEPLATE OF EXISTING RECEPTACLES TO MATCH.
 - SEE ARCHITECTURAL PLAN FOR ENLARGED PLAN, ELEVATIONS, AND NEW MILLWORK DETAILS FOR UPDATED KITCHENS, KITCHENETTES, FRONT VESTIBULE, AND RECEPTION AREAS. REFER TO DETAILS D1301 AND D1302 IN ARCHITECTURAL TYPICAL DETAILS BOOKLET FOR GENERAL KITCHEN MILLWORK DETAILS.
 - MOUNT DOORBELL AT 1050mm AFF FROM CENTER OF DEVICE. CONNECT TO EXISTING CIRCUIT. EXTEND WIRING AND CONDUITS AS NEEDED, THROUGH PEDESTAL. REFER TO ARCHITECTURAL SHEET A3011 DETAIL 2 FOR PLACEMENT OF PEDESTAL, AND REFER TO STRUCTURAL PACKAGE FOR TYPICAL DETAIL OF PENETRATION.
 - PROVIDE NEW 30A 208V 3PH DISCONNECT SWITCH FOR NEW LULA ELEVATOR FOR MAIN MECHANISM C/W AUX CONTACT. PROVIDE SEPARATE 30A 1PH 120V DISCONNECT SWITCH FOR CAB LIGHTING. FEED FROM PANEL A

11 EXIT SIGNS TO BE REPLACED

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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

Ellesmere Yard, Building D
1050 Ellesmere Rd

PROJECT NO:
122260

DRAWN BY:
A. FEDIW

CHECKED BY:
M. BOJIC

PROJECT MGR:

APPROVED BY:
P. WILLIAMS

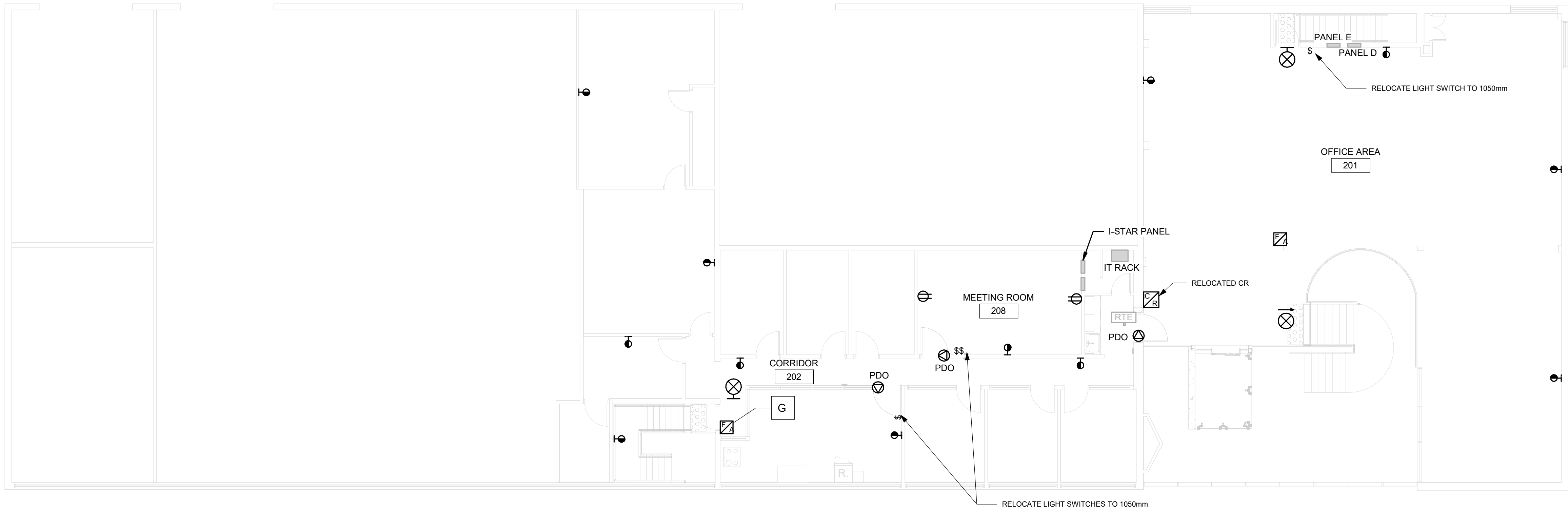
SHEET TITLE
**POWER & SYSTEMS
PLAN 1ST FLOOR**

SHEET NUMBER

G03-017-E2101

ISSUE

E



1 POWER & SYSTEMS PLAN 2ND FLOOR
E2102 Scale: 1 : 100

NOTES:

1. CIRCUIT NUMBERS SHOWN FOR GROUPING PURPOSES ONLY. ALLOCATE CIRCUITS TO EXISTING PANELS AS SPACE ALLOWS. ADD NEW CIRCUIT BREAKERS AS REQUIRED ASSUME 15A, 120V CIRCUIT BREAKER UNLESS OTHERWISE NOTED. UPDATE PANEL SCHEDULE WITH NEW LOADS. SUBMIT NEW PANEL SCHEDULE AS SHOP DRAWING.
2. CONNECT NEW AND/OR RELOCATED LUMINAIRES TO EXISTING LOCAL LIGHTING CIRCUIT, UNLESS OTHERWISE NOTED.
3. CONNECT NEW POWER RECEPTACLES TO EXISTING LOCAL RECEPTACLE CIRCUIT, UNLESS OTHERWISE NOTED. EXTEND WIRING AND CONDUITS AS NEEDED. MOUNT POWER OUTLETS ACCORDING TO MOUNTING HEIGHTS SCHEDULE ON SHEET GAL-G4003.
4. CONNECT DATA OUTLETS TO EXISTING SOURCE, UNLESS OTHERWISE NOTED. PULL NEW WIRING FROM SOURCE. MOUNT DATA OUTLETS ACCORDING TO MOUNTING HEIGHTS SCHEDULE ON SHEET GAL-G4003.
5. REFER TO ARCHITECTURAL PACKAGE FOR EXACT LOCATIONS OF BARRIER-FREE PUSH BUTTONS. CONNECT TO PDO ON RESPECTIVE DOOR.
6. MOUNT NEW AND/OR RELOCATED LIGHT SWITCHES ACCORDING TO MOUNTING HEIGHTS SCHEDULE ON SHEET GAL-G4003. CONNECT TO EXISTING LIGHTING CIRCUIT VIA EXISTING WIRING AND CONDUITS. EXTEND WIRING AND CONDUITS AS NEEDED.
7. PROVIDE NEW EXIT SIGNS (LUMINAIRE TYPE X01 AS SPECIFIED IN LUMINAIRE SCHEDULE). USE EXISTING WIRING FROM REMOVED EXIT SIGNS, AND CONNECT TO EXISTING CIRCUITS.
8. VERIFY FIRE ALARM SYSTEM IN ACCORDANCE WITH ULC-S537.
9. IN AREAS WHERE NEW RECEPTACLES ARE PROVIDED, UPDATE THE FACEPLATE OF EXISTING RECEPTACLES TO MATCH.
- *10. SEE ARCHITECTURAL PLAN FOR ENLARGED PLAN, ELEVATIONS, AND NEW MILLWORK DETAILS FOR UPDATED KITCHENS, KITCHENETTES, FRONT VESTIBULE, AND RECEPTION AREAS. REFER TO DETAILS D1301 AND D1302 IN ARCHITECTURAL TYPICAL DETAILS BOOKLET FOR GENERAL KITCHEN MILLWORK DETAILS.
- **11. MOUNT DOORBELL AT 1050mm AFF FROM CENTER OF DEVICE. CONNECT TO EXISTING CIRCUIT. EXTEND WIRING AND CONDUITS AS NEEDED, THROUGH PEDESTAL. REFER TO ARCHITECTURAL SHEET A3011 DETAIL 2 FOR PLACEMENT OF PEDESTAL, AND REFER TO STRUCTURAL PACKAGE FOR TYPICAL DETAIL OF PENETRATION.

3 EXIT SIGNS TO BE REPLACED



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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

Ellesmere Yard, Building D
1050 Ellesmere Rd

PROJECT NO:
122260

DRAWN BY: A. FEDIW	CHECKED BY: M. BOJIC
PROJECT MGR:	APPROVED BY: P. WILLIAMS

SHEET TITLE
**POWER & SYSTEMS
PLAN 2ND FLOOR**

SHEET NUMBER
G03-017-E2102

ISSUE
E