

CITY OF TORONTO

ACCESSIBILITY UPGRADES

GROUP 3

9119- 19- 0162 / Arcadis 30279056

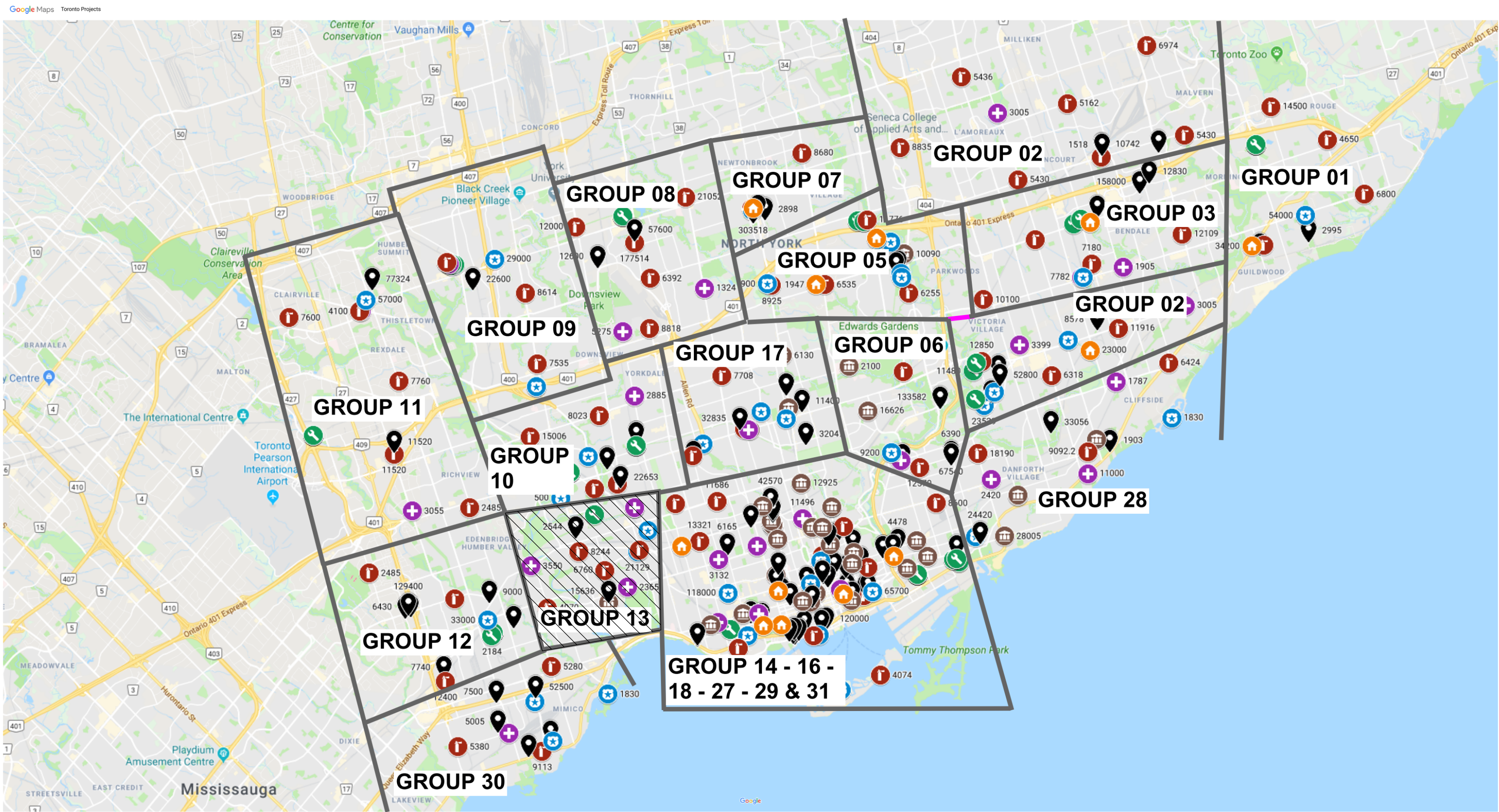


IMAGE SOURCES: GOOGLE MAPS

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

CITY OF TORONTO



55 John ST.
TORONTO, ON
M5V 3C6

ISSUES		
No.	DESCRIPTION	DATE
A	50% SUBMISSION	2022-01-20
B	90% SUBMISSION	2022-02-22
C	ISSUED FOR PERMIT	2022-03-18
D	ISSUED FOR TENDER	2025-04-11

PRIME CONSULTANT

ARCADIS

100 - 175 Galaxy Blvd,
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PROJECT NO: 9119- 19- 0162 / Arcadis 30279056	
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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Metro Hall Toronto, ON
M5V 3C6

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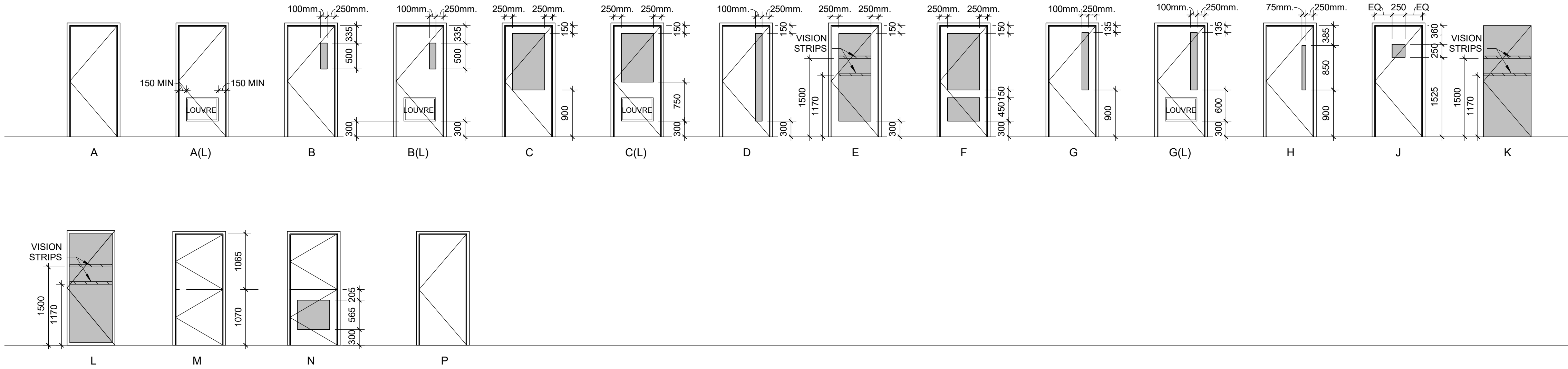
PROJECT ADDRESS

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

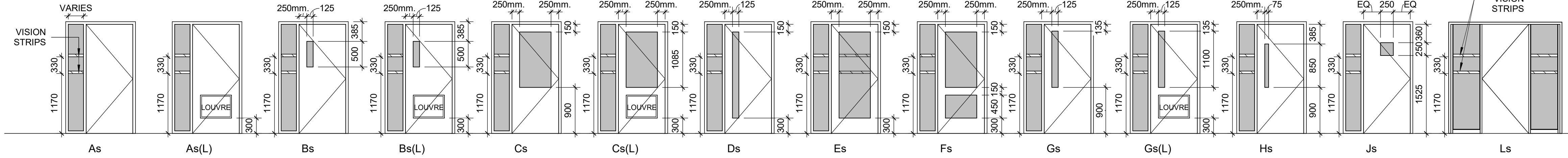
SHEET TITLE
WALL TYPES

SHEET NUMBER G03--GAL-G0003	ISSUE D
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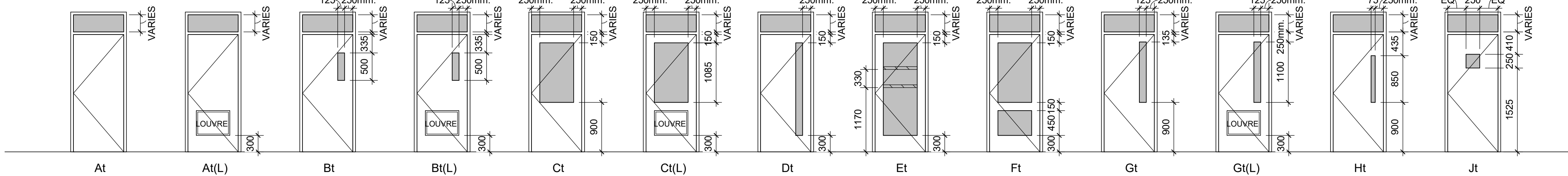
SINGLE DOOR TYPES



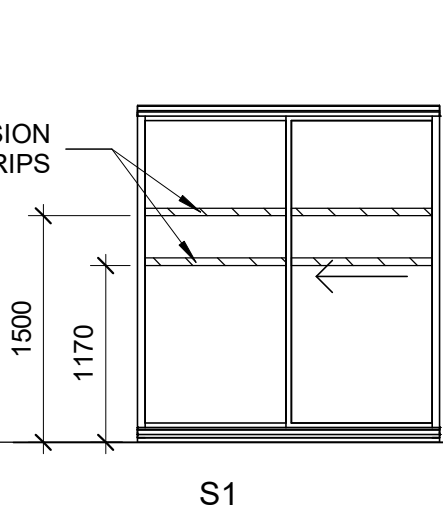
SINGLE DOOR WITH SIDELIGHT TYPES



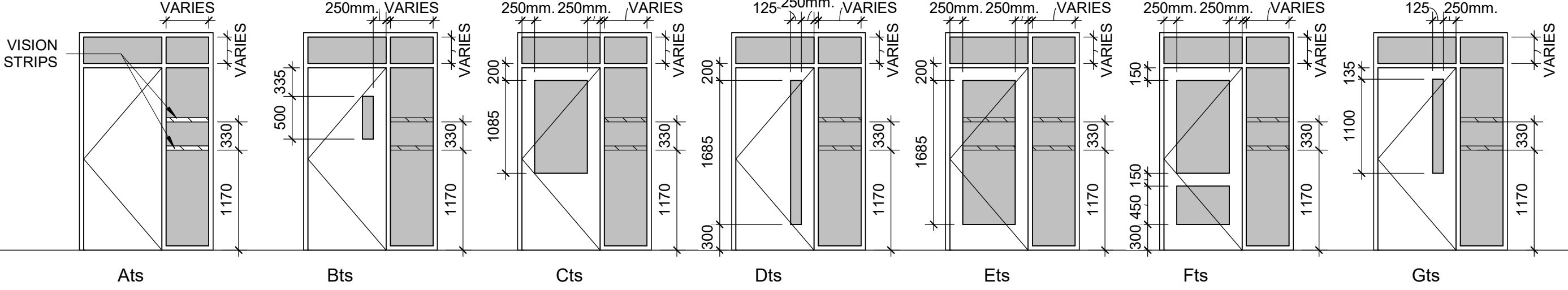
SINGLE DOOR WITH TRANSOM TYPES



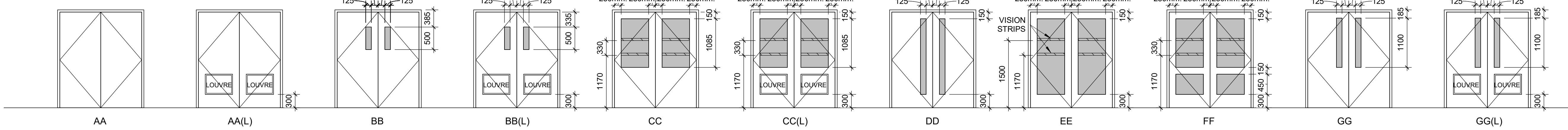
SINGLE SLIDING DOOR TYPE



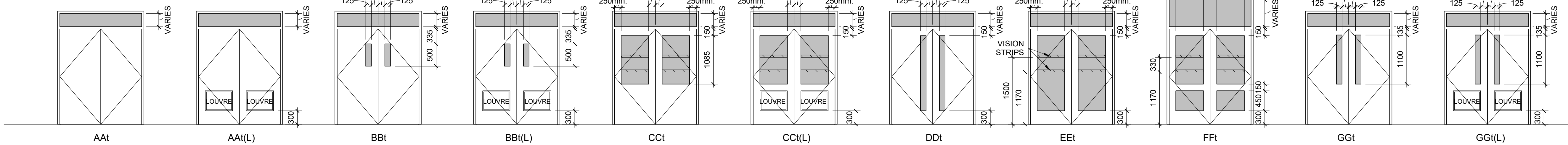
SINGLE DOOR WITH SIDELIGHT & TRANSOM TYPES



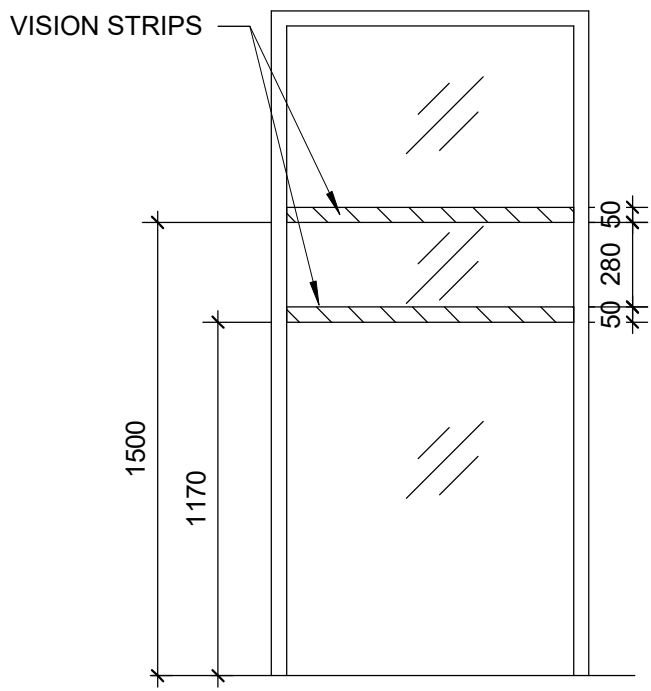
DOUBLE DOOR TYPES



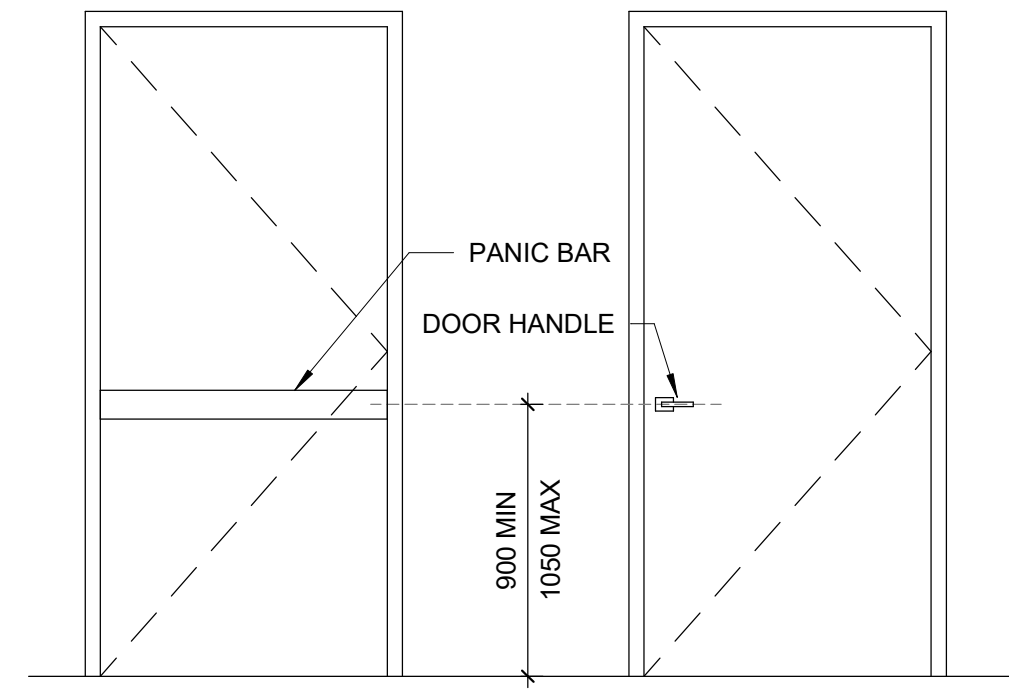
DOUBLE DOOR WITH TRANSOM TYPES



VISION STRIPS



DOOR HANDLE / PANIC BAR HEIGHT



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PROJECT TITLE
**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
DOOR TYPES

SHEET NUMBER
G03-GAL-G0004

ISSUE
D

REINFORCING STEEL

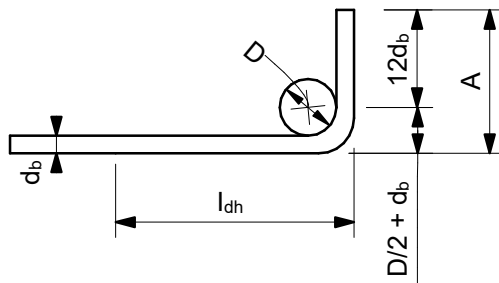
1. ALL REINFORCING STEEL SHALL CONFORM TO CAN/CSA-G30.18-M-2009 (R2014), GRADE 400W.
2. MINIMUM CLEAR SPACING BETWEEN PARALLEL REINFORCING BARS SHALL BE 1.4 TIMES THE BAR DIAMETER, 1.4 TIMES THE MAX. AGGREGATE SIZE OR 30mm WHICHEVER IS GREATER. PROVIDE 75mm MINIMUM LAPPED REBAR CLEARANCE FOR CONCRETE 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.

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	R	radius
DIA	diameter	RCB	reinforced concrete beam
DIAG	diagonal	REF	reference
DIM	dimension	REINF	reinforcement
DL	dead load	REMV	removable
DO	door opening	REQD	required
DWG	drawing	RR	railroad
DWL	dowel	R/W	reinforced with
EA	each	SCH	schedule
EF	each face	SECT	section
ELEV	elevation	SIM	similar
ELEC	electrical	SOG	slab on grade
EMB	embedment	SP	space
EQ	equal	SPEC	specifications
EQPT	equipment	SQ	square
EW	each way	SSC	structural steel contract
EXP	expansion	STAGG	staggered
EX	existing	STD	standard
EXT	exterior	STIFF	stiffener
FDN	foundation	STL	steel
FDNC	foundation contract	STRU	structural
FIN	finish	SYM	symmetrical
FL	floor	t	thickness
FLG	flange	T	tread
FT	feet	T&B	top and bottom
FTG	footing	TC	top chord
FUT	future	TEMP	temperature
GA	gauge	THK	thick
GC	general contract	TL	total load
GALV	galvanized	TOF	top of footing
GENL	general	TOS	top of steel
GOL	gauge outstanding leg	TYP	typical
GR	grade	UON	unless otherwise noted
GRT	grating	VERT	vertical
H	high	VIF	vertical inside face
HEF	horizontal each face	VOF	vertical outside face
HGR	hanger	W	width (wide)
HGT	height	W	width
HH	hooked-hooked	W/O	without
HIF	horizontal inside face	WP	working point
HOF	horizontal outside face	WPL	wall plate
HORIZ	horizontal	WS	water stop
		WT	weight
		WWF	welded wire fabric

CLIENT

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B	90% SUBMISSION	2022-07-29
C	ISSUED FOR PERMIT	2022-07-29
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**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

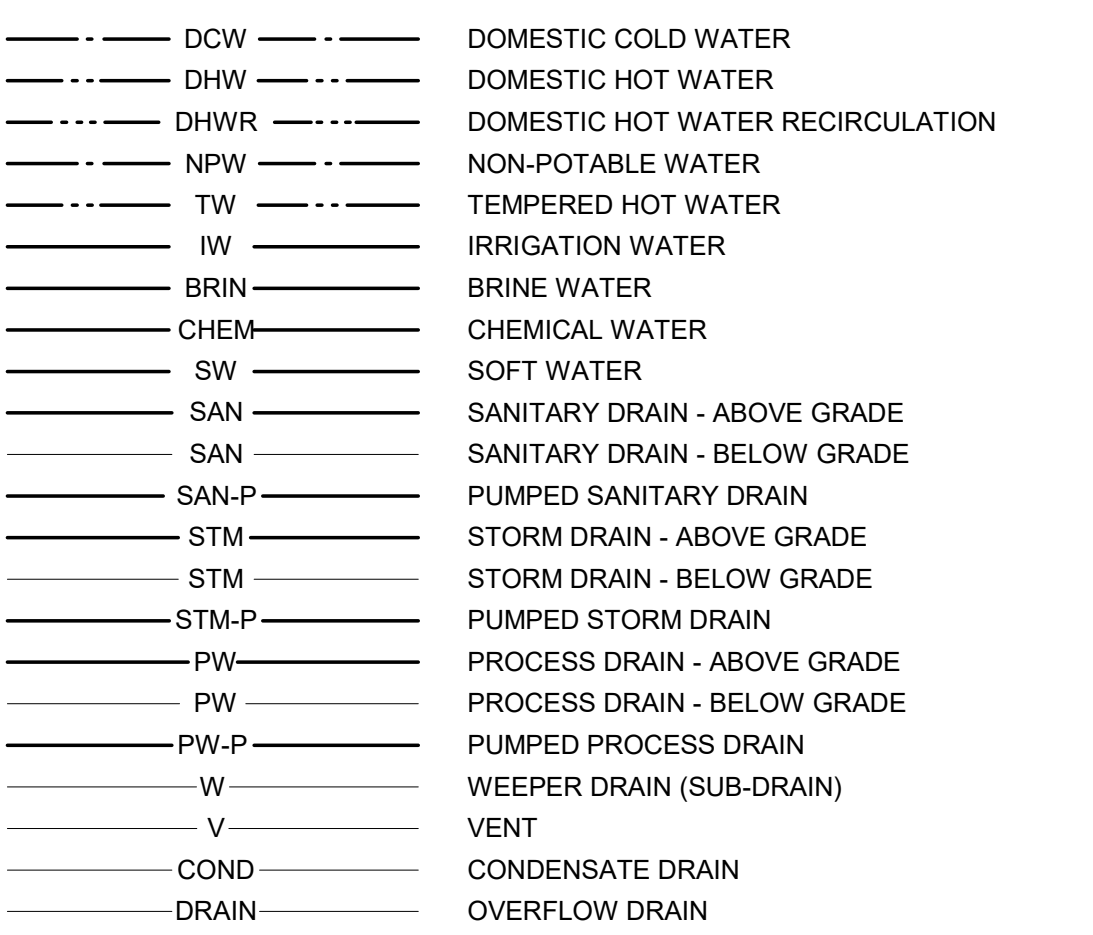
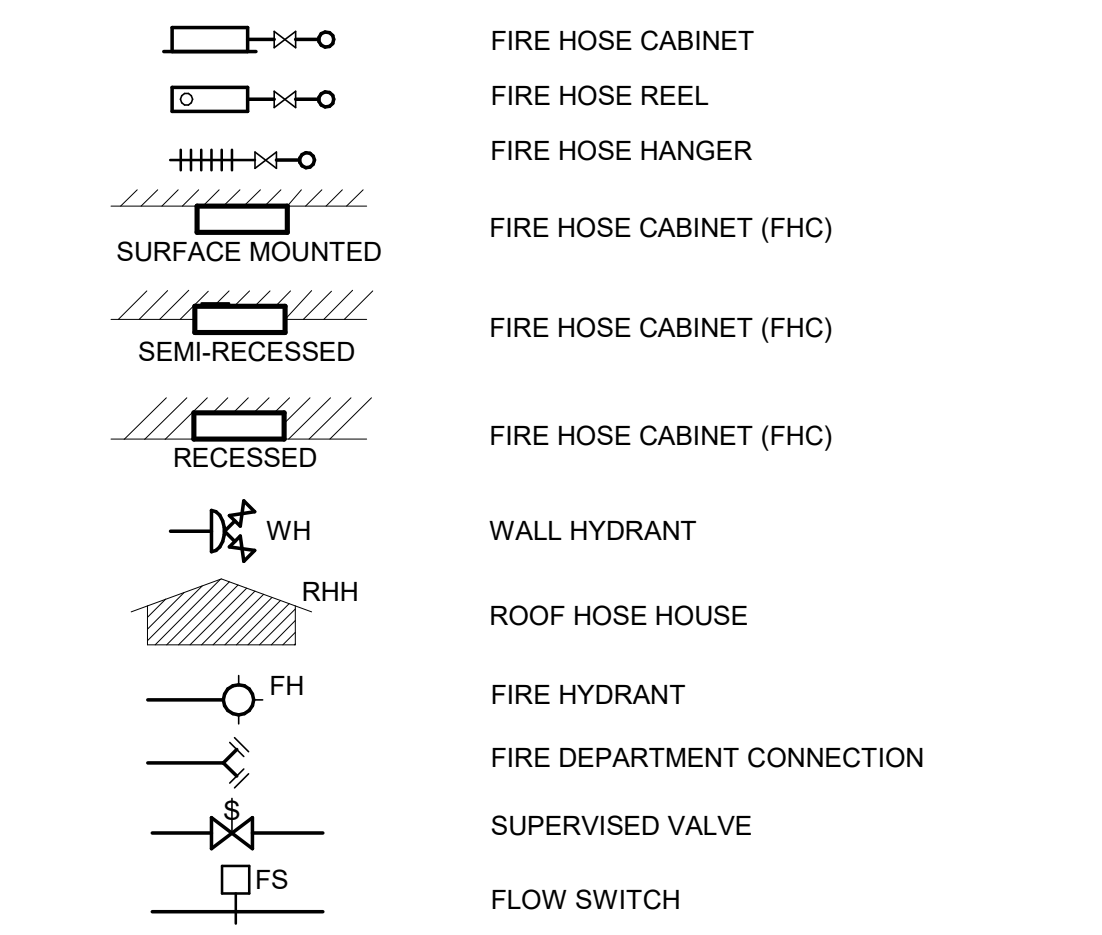
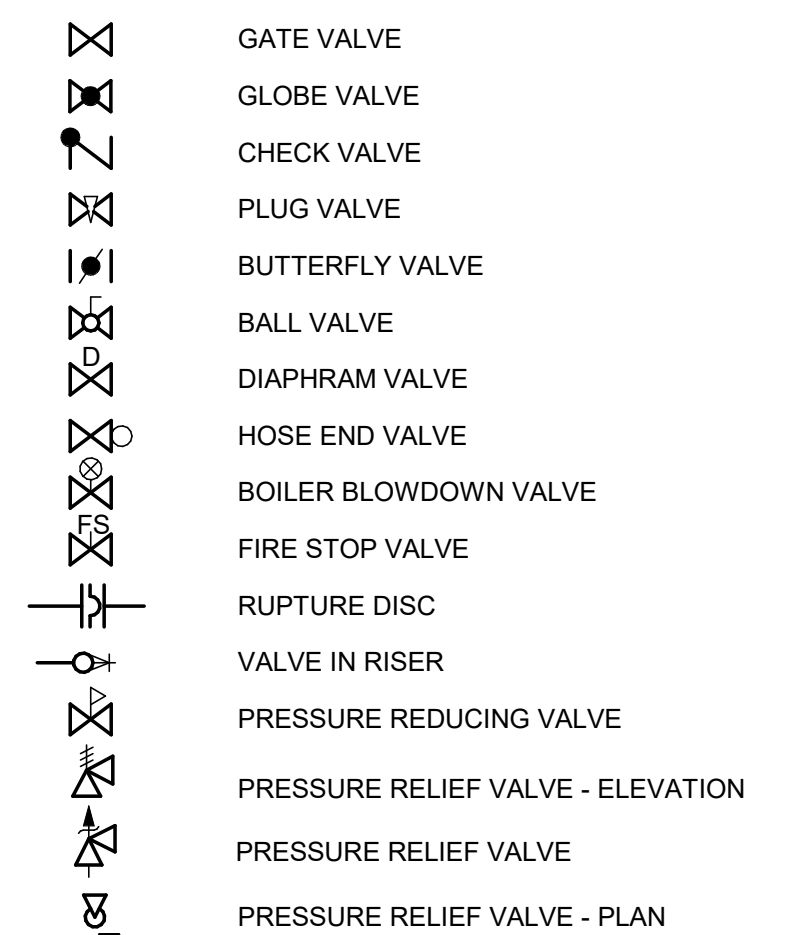
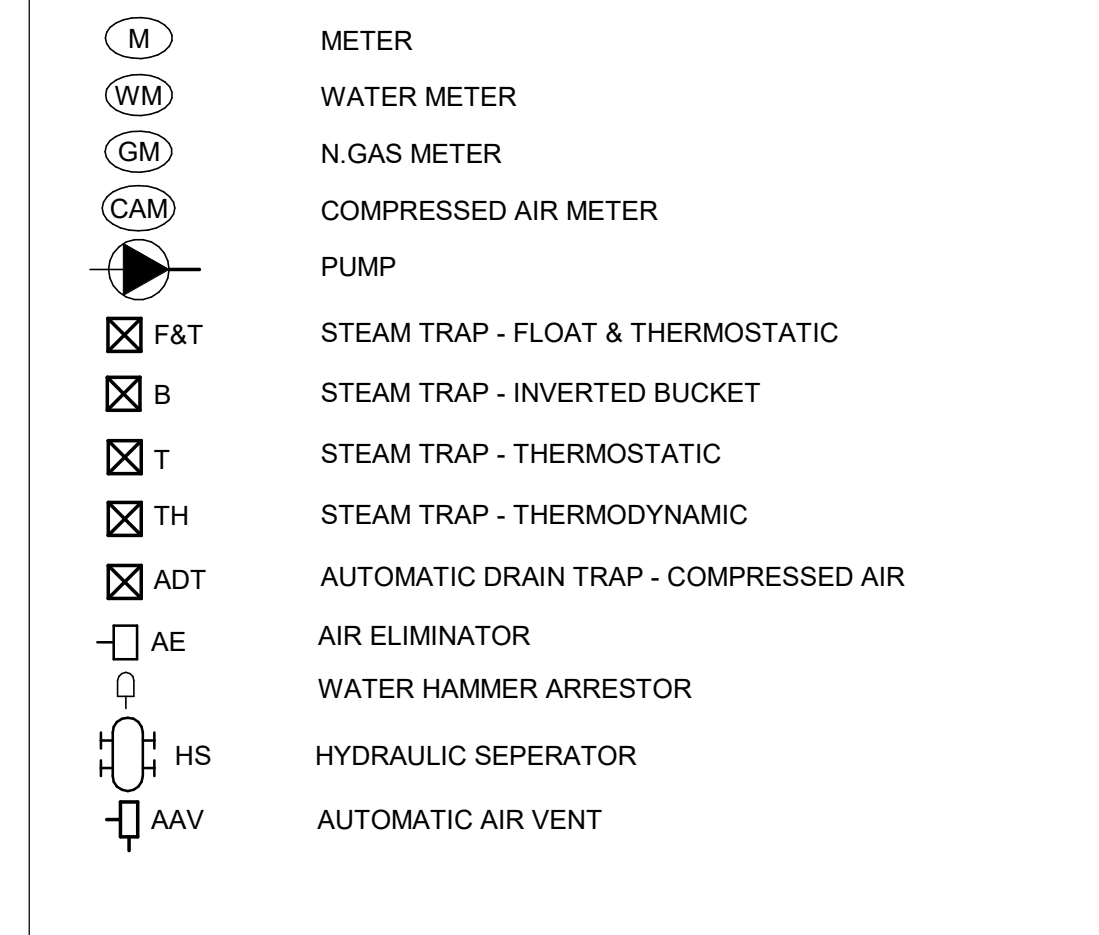
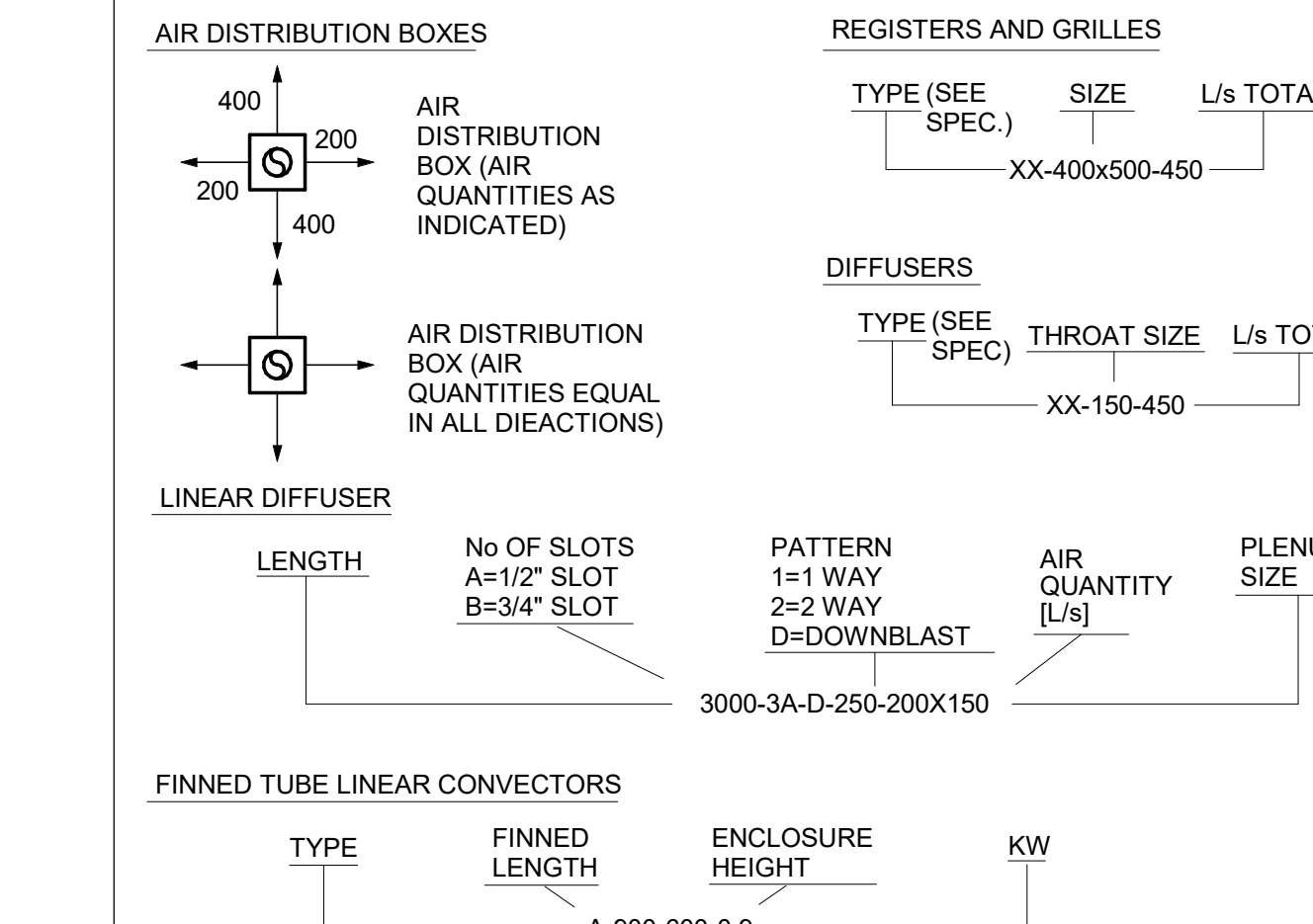
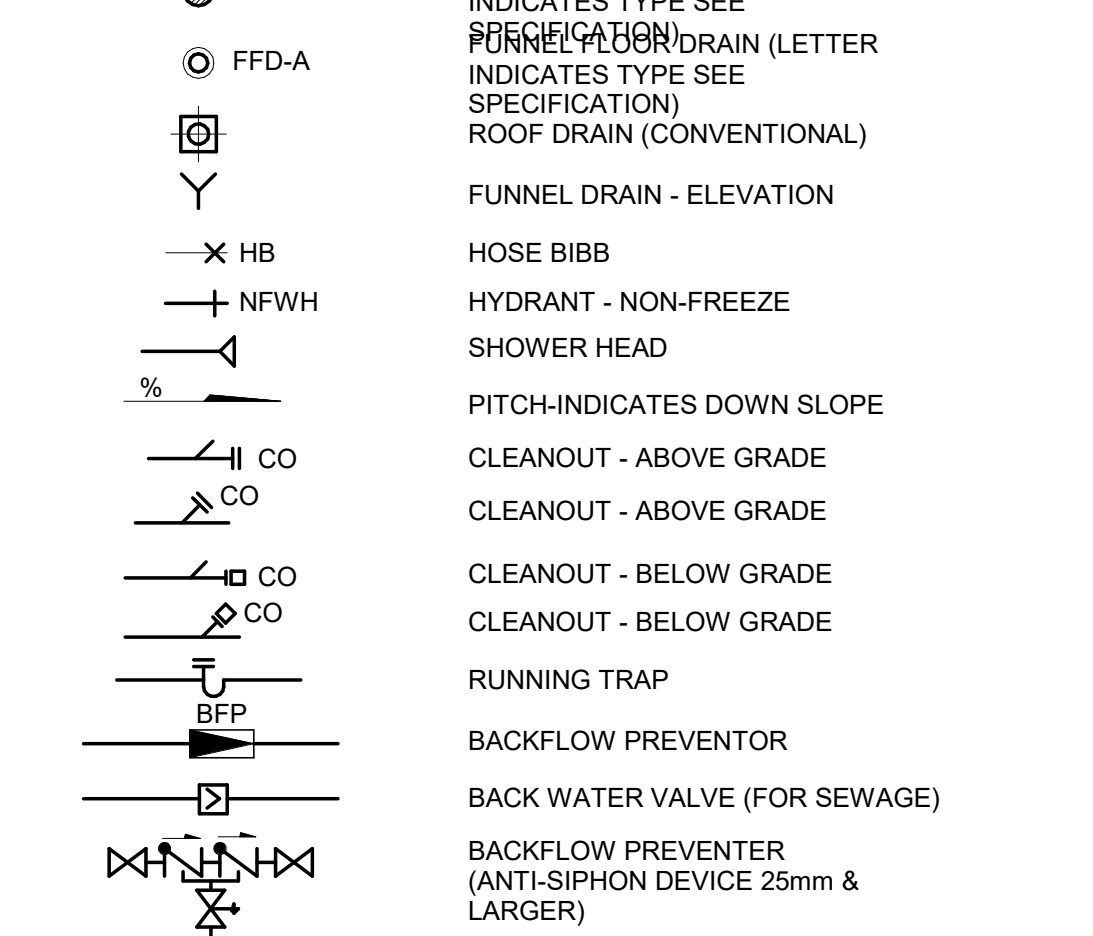
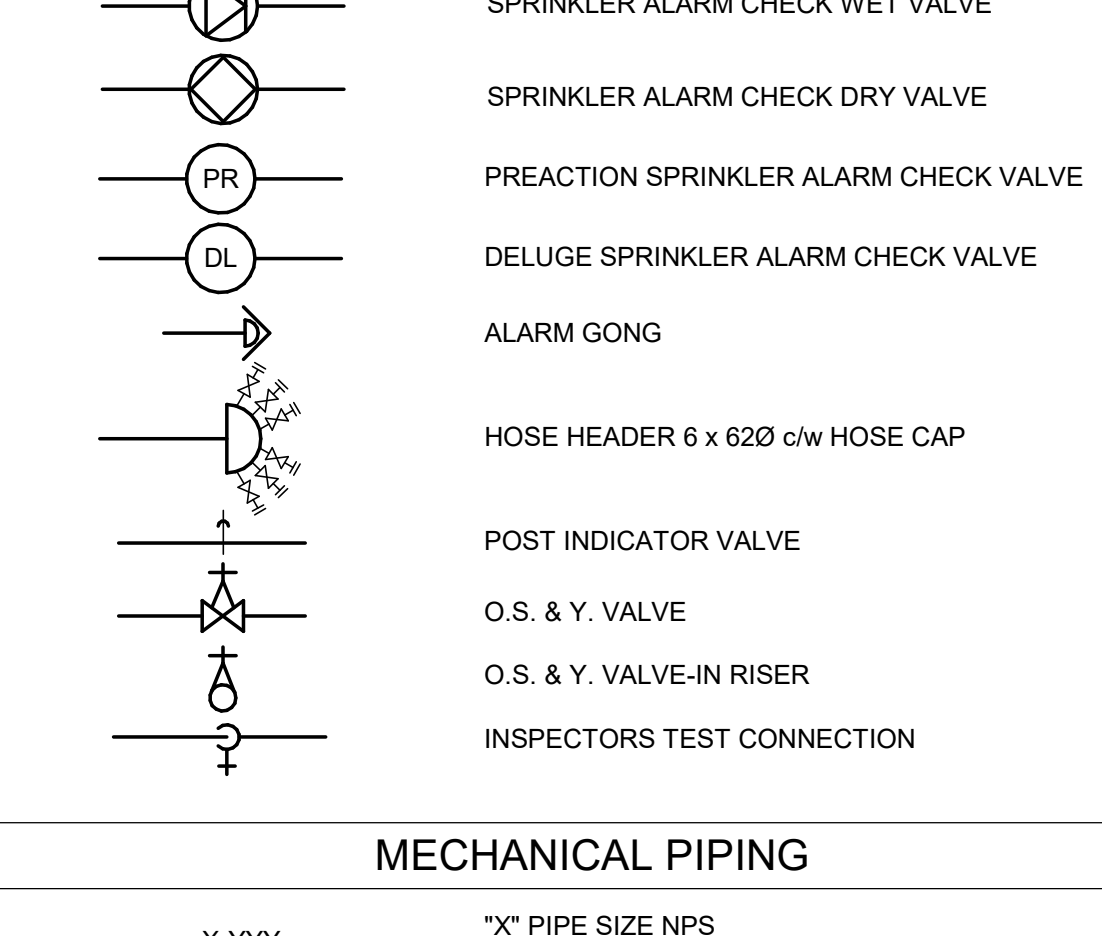
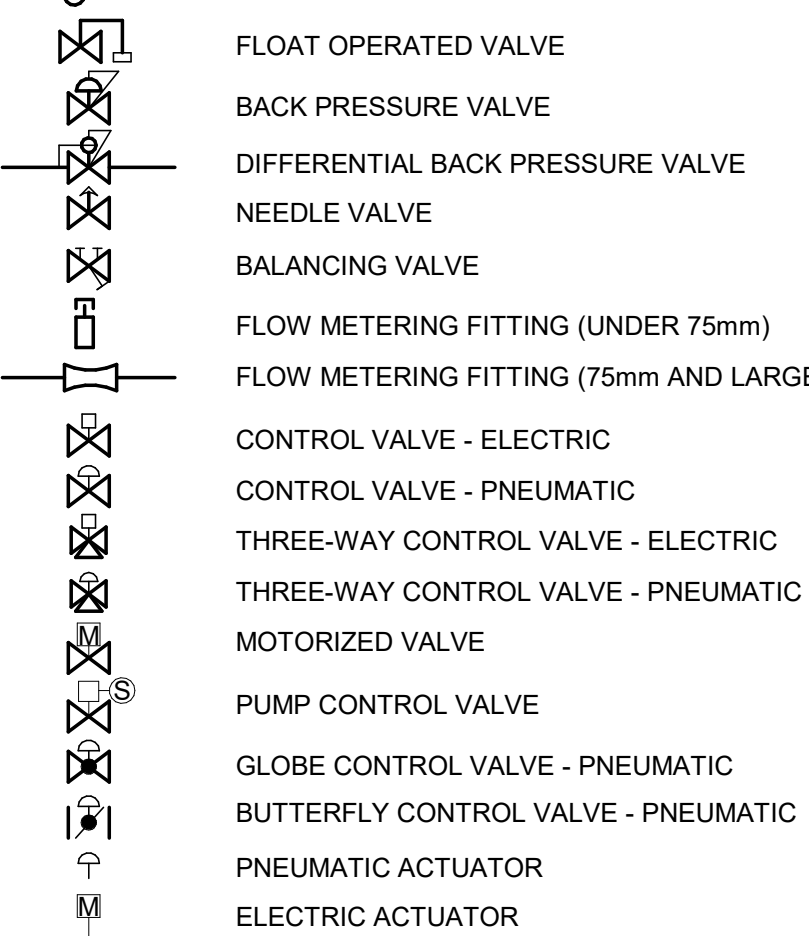
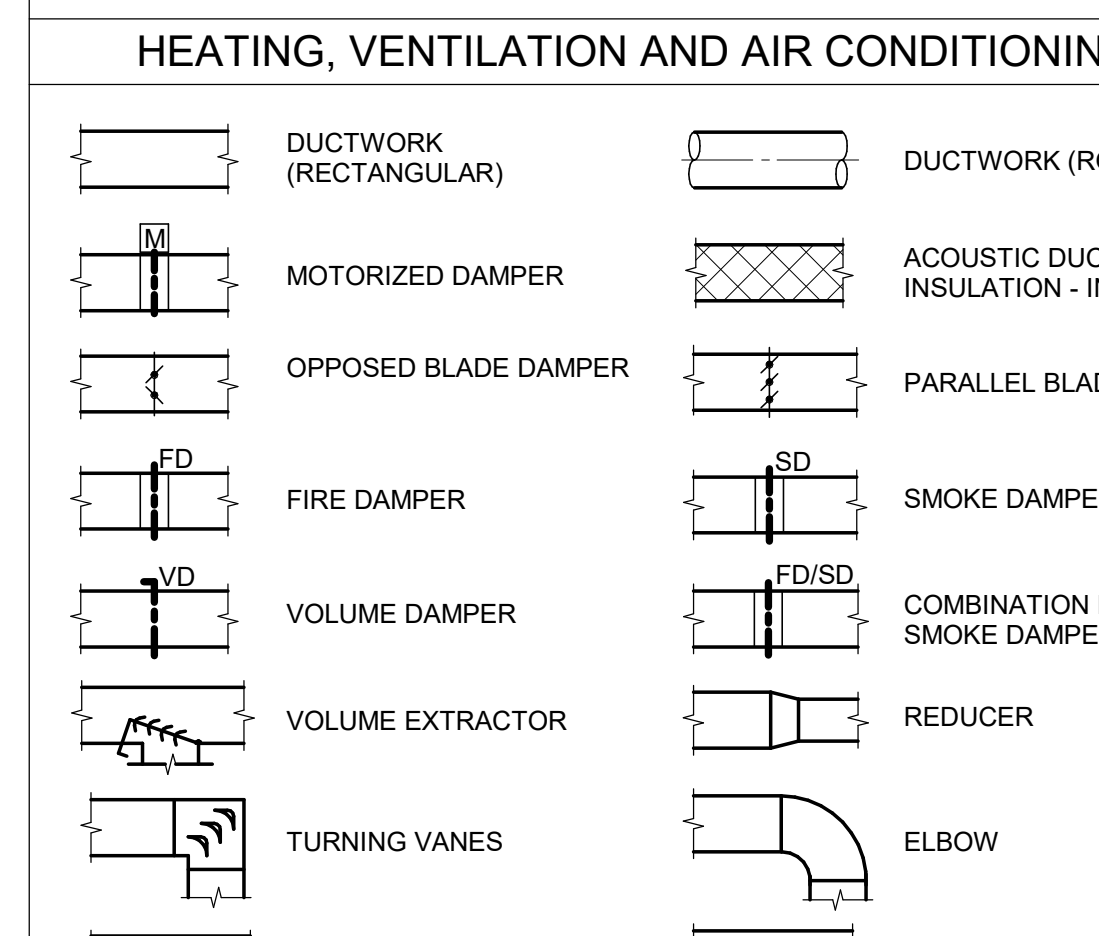
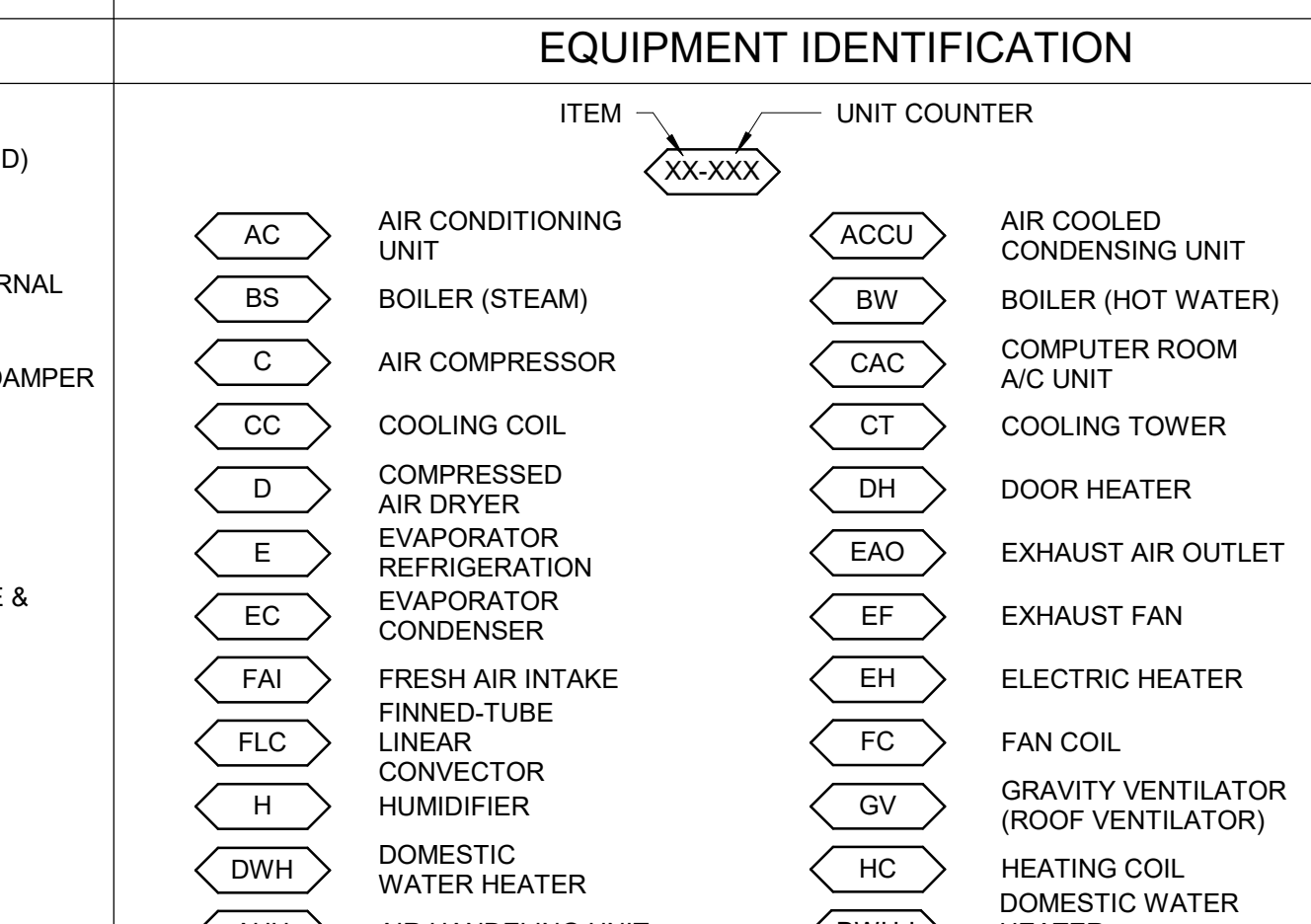
PROJECT NO: 9119- 19- 0162 / Arcadis 30279056	
DRAWN BY: G. POULOU	CHECKED BY: M. FAYAZI
PROJECT MGR: N. FRISIC	APPROVED BY: K. ANGER

SHEET TITLE

**STRUCTURAL - GENERAL
NOTES, SYMBOLS &
ABBREVIATIONS**

SHEET NUMBER	ISSUE
G03-GAL-G2002	E

MECHANICAL LEGEND AND SYMBOLS

PLUMBING & DRAINAGE		FIRE PROTECTION		VALVES, FITTINGS AND SPECIALTIES		VALVES, FITTINGS AND SPECIALTIES		HEATING, VENTILATION AND AIR CONDITIONING	
									
FIRE PROTECTION		MECHANICAL PIPING		HEATING, VENTILATION AND AIR CONDITIONING		EQUIPMENT IDENTIFICATION		ABBREVIATION	
									

CONTROLS POINT FUNCTION ABBREVIATION					
FIRST LETTER		SECOND LETTER		THIRD 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

- FOR ROOF OPENING AND ROOF CURB DETAILS SEE ARCHITECTURAL DRAWINGS.
- ALL FRESH AIR OR EXHAUST AIR LOUVRES IN BUILDING WALLS BY GENERAL TRADES UNLESS OTHERWISE NOTED. FOR DETAILS SEE ARCHITECTURAL DRAWINGS.
- ALL STORM COLLAR FLASHINGS BY MECHANICAL FOR DETAILS OF FLASHINGS SEE ARCHITECTURAL DRAWINGS.
- 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.
- 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.
- THIS IS THE STANDARD SHEET FORM NOT ALL ITEMS ARE ASSOCIATED WITH THIS PROJECT.
- ALL EXISTING SERVICES TO REMAIN UNLESS NOTED OTHERWISE.
- ALL SYSTEMS TO REMAIN FUNCTIONAL UNLESS PERMISSION FOR SHUTDOWN IS GRANTED BY THE OWNER.

GENERAL NOTES: PLUMBING & DRAINAGE

- ALL SANITARY DRAINS NPS 4 SIZE & LARGER SHALL SLOPE AT 1.0%. ALL SANITARY DRAINS NPS 3 & SMALLER SHALL SLOPE AT 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.
- ALL VENTING AND TRAP SEAL PRIMER NOT SHOWN BUT REQUIRED, SHALL BE BY PLUMBING CONTRACTOR.
- ALL DOMESTIC COLD AND HOT WATER PIPING SHALL BE THERMALLY INSULATED.
- ALL ABOVE GROUND HORIZONTAL RAIN WATER LEADER AND STORM DRAIN SHALL BE THERMALLY INSULATED.

GENERAL NOTES: FIRE PROTECTION

- 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.
- 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.
- REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR SIZE AND LOCATION OF DUCTWORK, PIPING, AND LIGHTING FIXTURES, ETC.
- 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.
- PROVIDE TYPE ABC FIRE EXTINGUISHERS AS PER ONTARIO FIRE CODE. FINAL LOCATION TO BE COORDINATED ON FIELD.
- FIRE PROTECTION CONTRACTOR TO PROVIDE PIPE HANGERS AS PER NFPA 13.
- FIRE PROTECTION SYSTEM SHALL BE SUPPLIED AND INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF NFPA 13.
- CONTRACTOR TO CONDUCT FLOW TEST AND USE THE RESULTS FOR HYDRAULIC CALCULATIONS.
- 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.
- PIPE DIMENSIONS TO BE DETERMINED BY THE RESULTS OF HYDRAULIC CALCULATION.
- SPRINKLER SYSTEMS TO BE HYDRAULICALLY DESIGNED TO DELIVER THE DENSITIES OVER THE MOST REMOTE AREA AS LISTED IN THE SCHEDULE.
- SPRINKLER COVERAGES INDICATED ARE TO BE CONFIRMED BY FIRE PROTECTION CONTRACTOR.
- 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.
- SPRINKLER SHOWN ARE FOR COORDINATION PURPOSE ONLY. FINAL LOCATION OF THE SPRINKLERS TO BE DETERMINED BY FIRE PROTECTION CONTRACTOR BASED ON HYDRAULIC CALCULATIONS.
- USE UPRIGHT SPRINKLER IN SPACE WITHOUT CEILING.
- LOCATE SPRINKLER HEADS IN THE CENTRE OF CEILING TILES.
- SPRINKLER HEAD LOCATION TO BE COORDINATED WITH ARCHITECT PRIOR TO SHOP DRAWING PRODUCTION.
- PIPING AND SPRINKLER HEADS MARKED FOR DEMOLITION TO BE REMOVED AND DISPOSED OF FROM SITE UNLESS OTHERWISE NOTED.
- REFER TO EXISTING SHOP DRAWINGS.
- ALL EXISTING SPRINKLERS TO BE ADJUSTED TO SUIT NEW BUILDING LAYOUT IN ACCORDANCE WITH NFPA 13.
- PROVIDE FIRE WATCH DURING SHUT DOWN.

GENERAL NOTES: HVAC

- ALL DUCTWORK TO BE INSTALLED TO LOW-PRESSURE DUCTWORK TO S.M.A.C.N.A. STANDARDS.
- DUCTWORK: FABRICATED OF PRIME QUALITY GALVANIZED STEEL SHEETS WITH Z275 (G90) DESIGNATION ZINC COATING TO ASTM A653/A653M
- ALL DUCTWORK C/W SEAL CLASS 'A' AS PER S.M.A.C.N.A. STANDARDS.
- ALL EXHAUST DUCTWORK SHALL BE THERMALLY INSULATED FOR 1500mm BEFORE EXITING THE BUILDING ENVELOPE.
- ALL FLEXIBLE DUCT TO BE MAXIMUM 3000MM LONG AND INSULATED.
- ALL SUPPLY AIR DUCTWORK INSIDE CEILING SPACE SHALL BE THERMALLY INSULATED.
- ALL REFRIGERANT LINES SHALL BE THERMALLY INSULATED.
- ALL CONDENSATE DRAIN SHALL BE THERMALLY INSULATED.
- ALL CONTROL WIRING SHALL BE FT-6 RATED.

CLIENT

CITY OF TORONTO



Corporate Real Estate Management
Project Management Office
Metro Hall Toronto, ON
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B	90% SUBMISSION	2022-07-29
C	ISSUED FOR PERMIT	2022-07-29
D	ISSUED FOR TENDER	2025-04-11

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PRIME CONSULTANT



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PROJECT TITLE
CITY OF TORONTO
ACCESSIBILITY UPGRADES






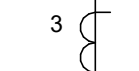
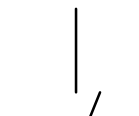
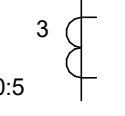

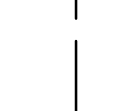

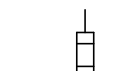
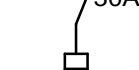
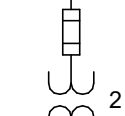


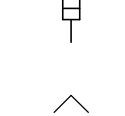
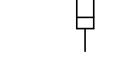
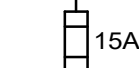
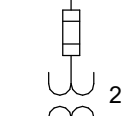

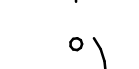
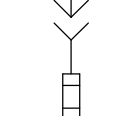


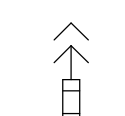


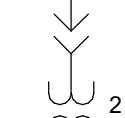
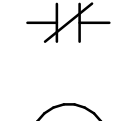

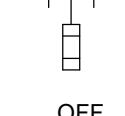
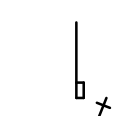

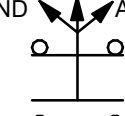

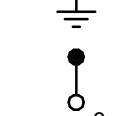
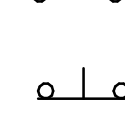
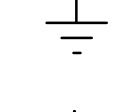

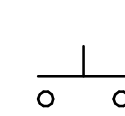
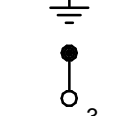

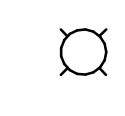
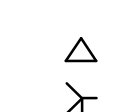
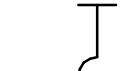
PROJECT ADDRESS

PROJECT NO: 9119- 19- 0162 / Arcadis 30279056	
DRAWN BY: K.DURUKAN	CHECKED BY: B.LIAO
PROJECT MGR: 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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B	90% SUBMISSION		2022-02-22	
C	ISSUED FOR PERMIT		2022-03-18	
D	ISSUED FOR TENDER		2025-04-11	
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PROJECT ADDRESS				
PROJECT NO: 9119- 19- 0162 / Arcadis 30279056				
DRAWN BY: V. MAC		CHECKED BY: M. BOJIC		
PROJECT MGR: F.BOLOURIAN		APPROVED BY: P. WILLIAMS		
SHEET TITLE				
ELECTRICAL LEGEND 2				
SHEET NUMBER		ISSUE		
G03-G4002		D		

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION		ABBREVIATIONS		ABBREVIATIONS
<div>SINGLE LINE</div>									
	POWER TRANSFORMER		DRAWOUT LOW VOLTAGE CIRCUIT BREAKER		CONTROL TRANSFORMER	AFF	ABOVE FINISHED FLOOR	MCC	MOTOR CONTROL CENTRE
	TRANSFORMER		LOW VOLTAGE CIRCUIT BREAKER WITH SOLID STATE TRIP UNIT		CURRENT TRANSFORMER, NUMBERS DENOTE QUANTITY AND RATIO	BIX	BIX TYPE PUNCH DOWN IDC TERMINATION	MCOV	MAXIMUM CIRCUIT OPERATING VOLTAGE
	LOW VOLTAGE DISCONNECT SWITCH (NUMBER DENOTES AMPERE RATING)		AF - BREAKER FRAME UNIT		ZERO SEQUENCE CURRENT TRANSFORMER	BKR	CIRCUIT BREAKER	MECH	MECHANICAL
	LOW VOLTAGE FUSED DISCONNECT SWITCH (NUMBER DENOTES AMPERE RATING)		MO - MANUALLY OPERATED		FIXED FUSE AND FIXED POTENTIAL TRANSFORMER (PT) NUMBER DENOTES QUANTITY	BLDG	BUILDING	mm	MILLIMETER
	FUSE (NUMBER DENOTES AMPERE RATING)		EO - ELECTRICALLY OPERATED		WITHDRAWABLE FUSE AND WITHDRAWABLE POTENTIAL TRANSFORMER (PT) NUMBER DENOTES QUANTITY	BLR	BOILER	mmC	TRADE SIZE CONDUIT IN MILLIMETERS
	CIRCUIT BREAKER		L - LONG TIME TRIP FUNCTION		WITHDRAWABLE FUSE AND FIXED POTENTIAL TRANSFORMER (PT) NUMBER DENOTES QUANTITY	BOT	BOTTOM OF TRAY	MO	MANUALLY OPERATED
	NORMALLY OPEN CONTACTS		S - SHORT TIME TRIP FUNCTION		DIGITAL CIRCUIT MONITOR	BR	BRIDGE	MW	MICROWAVE
	NORMALLY CLOSED CONTACTS		I - INSTANTANEOUS		VARIABLE FREQUENCY DRIVE	CC	CONCENTRATOR COMPLEX	MTD	MOUNTED
	RELAY COIL		A - GROUND FAULT, ALARM			CD	CANDELA	NC	NORMALLY CLOSED
	DRAWOUT OR PLUG-IN CONNECTION		G - GROUND FAULT TRIP FUNCTION			CP	CONTROL PANEL	NGR	NEUTRAL GROUNDING RESISTOR
	MEDIUM VOLTAGE LOAD INTERRUPTER SWITCH - NUMBER DENOTES SWITCH RATING		GENERATOR			CTL	CONTROL	NIC	NOT IN CONTRACT
	GROUND CONNECTION		POWER FACTOR CORRECTION CAPACITOR			CW	COMPLETE WITH	NO	NORMALLY OPEN
	LIGHTNING ARRESTER OR SURGE DIVERTER NUMBER DENOTES QUANTITY		KEY INTERLOCKS			CAT6	CATEGORY 6 CABLE	O/H	OVER HEAD
	STRESS CONE		MOTOR - NUMBER DENOTES SIZE (HP)			COMMS	COMMUNICATIONS	OC	ON CENTRE
	DELTA/WYE TRANSFORMER CONNECTION WITH WYE POINT RESISTANCE GROUNDED		NEON LIGHT VOLTAGE INDICATOR			CP	CONTROL PANEL	OESC	ONTARIO ELECTRICAL SAFETY CODE
	DELTA/WYE TRANSFORMER CONNECTION WITH WYE POINT GROUNDED		MANUAL MOTOR STARTER			DISC	DISCONNECT	OVP	OVER VOLTAGE PROTECTION
	WYE/WYE TRANSFORMER CONNECTION		MAGNETIC MOTOR STARTER			DIV	DIVISION	PLATF	PLATFORM
	DELTA/DELTA TRANSFORMER CONNECTION		TWO-SPEED MAGNETIC MOTOR STARTER			DSP	GROUND FAULT PROTECTION SYSTEM	PPT	PATCH PANEL TERMINATION
	AUTOMATIC TRANSFER SWITCH		SURGE SUPPRESSOR			DSP-CA	CABLE ADAPTER MODULE	R	REMOVE
SYMBOLS AND LEGEND AS APPLICABLE		SYMBOLS AND LEGEND AS APPLICABLE		SYMBOLS AND LEGEND AS APPLICABLE		DSP-CAS	CABLE ADAPTER MODULE	RCT	RECEPTACLE
						DSP-DFM	DSP FEEDER MODULE	RJ	U/UTP RJ45 CONNECTION
						E	EXISTING TO REMAIN	RM	ROOM
						EL	ELEVATION	RR	REMOVE AND RELOCATE
						ELEV	ELEVATOR	SC	SHORT CIRCUIT
						EMS	ENERGY MANAGEMENT SYSTEM	SLD	SINGLE LINE DIAGRAM
						EO	ELECTRICALLY OPERATED BREAKER	SP	SPARE
						ETSP	ELECTRONIC TRAP SEAL PRIMER	SRP	SUPPRESSION RELEASE PERIPHERAL
						EX	EXISTING	ST	SHUNT TRIP
						FB#1	FEEDER CIRCUIT BREAKER (#1 DENOTES NUMBER)	STN	STATION
						FEPO	FIREMAN EMERGENCY POWER OFF	STP	SHIELDED TWISTED PAIR CABLE
						GFR	GROUND FAULT RELAY	STS	STATIC TRANSFER SWITCH
						GND	GROUND	SW	SWITCH
						HT	HEAT TRACING	SWBD	SWITCH BOARD
						HTR	HEATER	SWGR	SWITCH GEAR
						HOA	HAND-OFF-AUTO	TB	TIE CIRCUIT BREAKER
						HVAC	HEATING - VENTILATION AND AIR CONDITIONING	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
						IAM	INDIVIDUAL ADDRESSABLE MODULE	TYP	TYPICAL
						LAV	LAVATORY	U/G	UNDER GROUND
						LCD	LIQUID CRYSTAL DISPLAY	UON	UNLESS OTHERWISE NOTED
						LED	LIGHT EMITTING DIODE	VFD	VARIABLE FREQUENCY DRIVE
						LSIA	LONG TIME TRIP; SHORT TIME TRIP; INSTANTANEOUS TRIP; GROUND FAULT ALARM	WP	WEATHER PROOF
						LSIG	LONG TIME TRIP; SHORT TIME TRIP; INSTANTANEOUS TRIP; GROUND FAULT TRIP	XP	EXPLOSION PROOF
						LVL	LEVEL	*	REFER TO A-002 FOR ABBREVIATIONS NOT INCLUDED IN THIS LIST
						LVR	LAYOVER		
						MB	MAIN CIRCUIT BREAKER		
						MBPS	UPS - MAINTENANCE BY-PASS SWITCH - EXTERNAL		
SYMBOLS AND LEGEND AS APPLICABLE		SYMBOLS AND LEGEND AS APPLICABLE		SYMBOLS AND LEGEND AS APPLICABLE		SYMBOLS AND LEGEND AS APPLICABLE		SYMBOLS AND LEGEND AS APPLICABLE	

Autodesk Docu/1/22280 - CoT TAU Upgrades R2024/12280D-TAU-G03-GeneralR201.rvt

SCALE CHECK

1/10mm

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	ABOVE COUNTER
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 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 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 DETECT FIRE, ELEVATOR FIRE DETECTOR TO RECALL ELEVATORS 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 (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.

No.	DESCRIPTION	DATE
A	50% SUBMISSION	2022-01-20
B	90% SUBMISSION	2022-02-22
C	ISSUED FOR PERMIT	2022-03-18
D	ISSUED FOR TENDER	2025-04-11

ISSUE
D

SCALE CHECK

CITY OF TORONTO

ACCESSIBILITY UPGRADES

TYPICAL DETAILS BOOKLET

9119- 19- 0162 / Arcadis 30279056

ARCHITECTURAL TYPICAL DETAILS INDEX	
SHEET #	SHEET TITLE
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
D1402	STAIR DETAILS - 02
D1403	RAMP DETAILS - 01
D1404	RAMP DETAILS - 02
D1405	TACTILE DETAILS
D1501	MISCELLANEOUS DETAILS - 01
D1502	MISCELLANEOUS DETAILS - 02
D1601	ELEVATOR DETAILS
D1602	ELEVATOR CONTROL & INTERIOR CABIN DETAILS
D1701	ACCESSIBLE PARKING AND SITE MARKING DETAILS
D1702	CURB DETAILS
D1801	PHASING / HOARDING DETAILS

STRUCTURAL TYPICAL DETAILS INDEX	
SHEET #	SHEET TITLE
D2100	CONCRETE - TYPICAL DETAIL
D2200	STRUCTURAL STEEL DETAILS - 1
D2201	STRUCTURAL STEEL DETAILS - 2
D2300	MASONRY DETAILS

MECHANICAL TYPICAL DETAILS INDEX	
SHEET #	SHEET TITLE
D3201	PLUMBING DETAILS
D3301	DRAINAGE DETAILS
D3401	FIRE PROTECTION DETAILS
D3501	HVAC DETAILS
D3601	PIPING DETAILS SHEET 1 OF 2
D3602	PIPING DETAILS SHEET 2 OF 2

ELECTRICAL TYPICAL DETAILS INDEX	
SHEET #	SHEET TITLE
D4001	ELECTRICAL DETAILS 1

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TORONTO, ON
M5V 3C6

ISSUES

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



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Toronto, ON M9W 0C9, Canada
tel 416 679 1930
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PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

DATE:

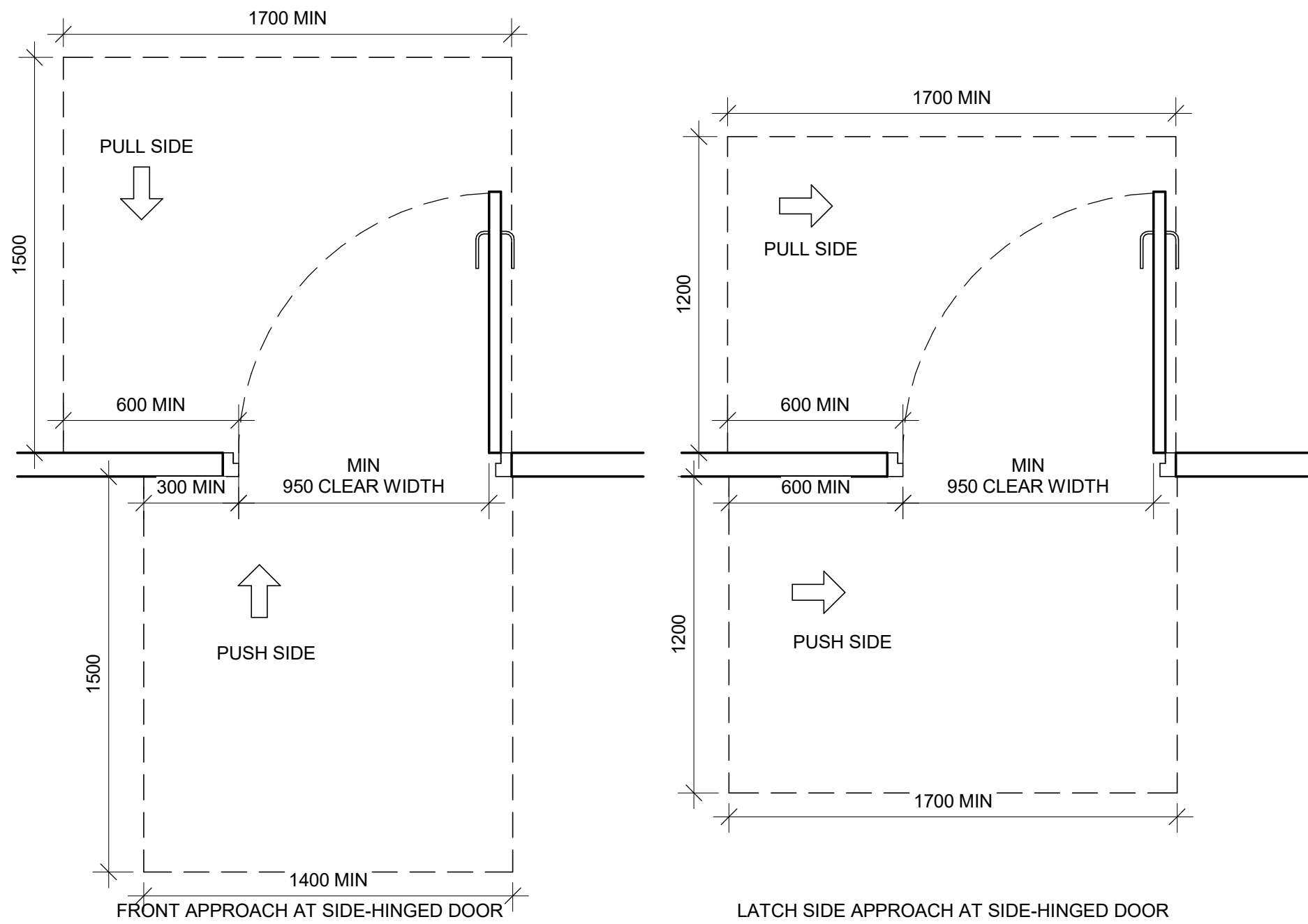
2025-04-11

SHEET NUMBER	ISSUE
D1000	A

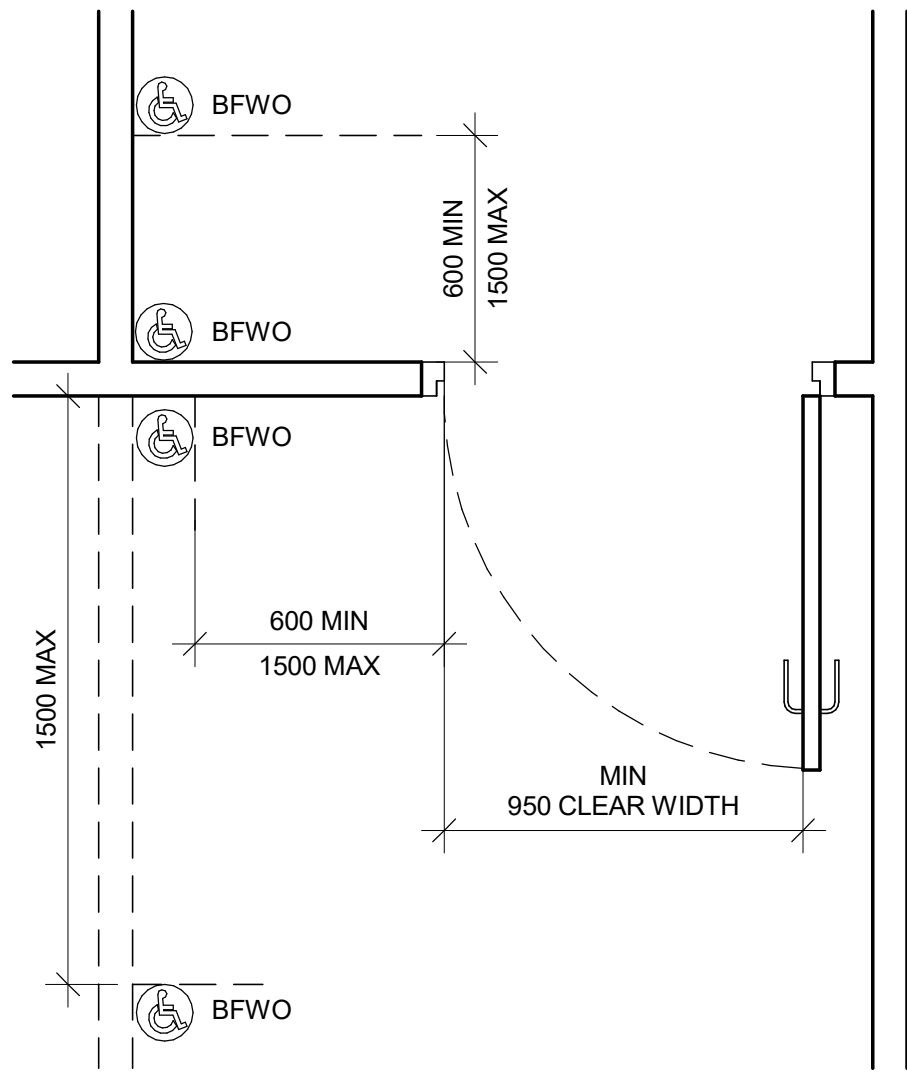
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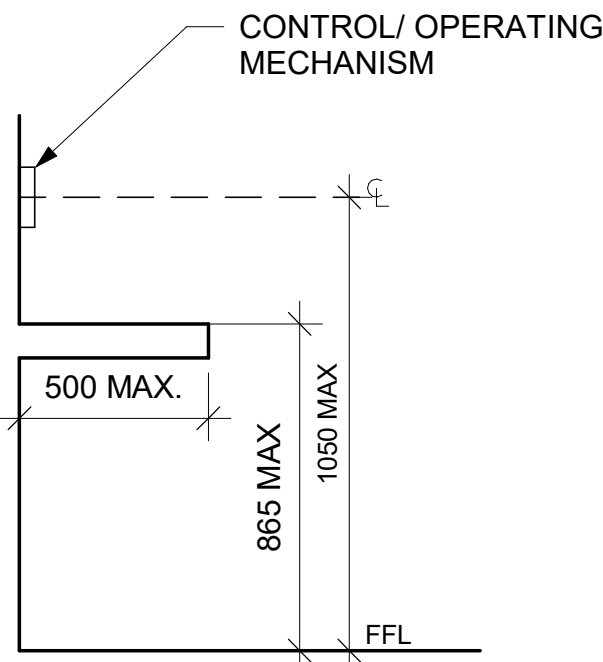
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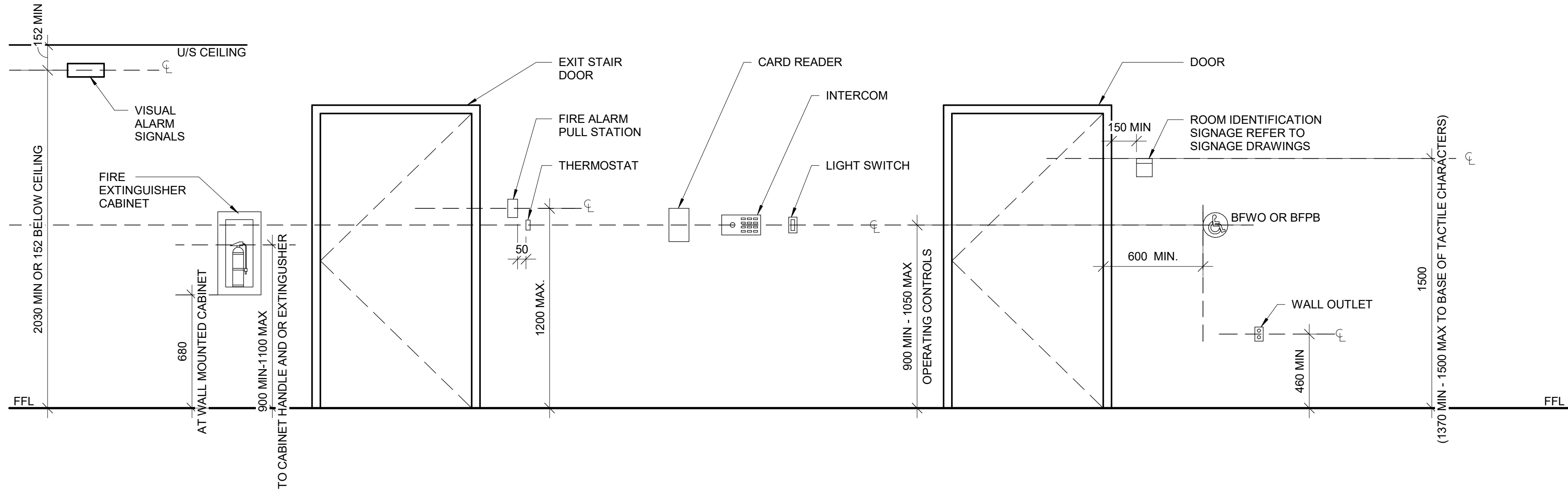
2 DOOR APPROACH CLEARANCES
D1001 Scale: 1 : 20



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

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

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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

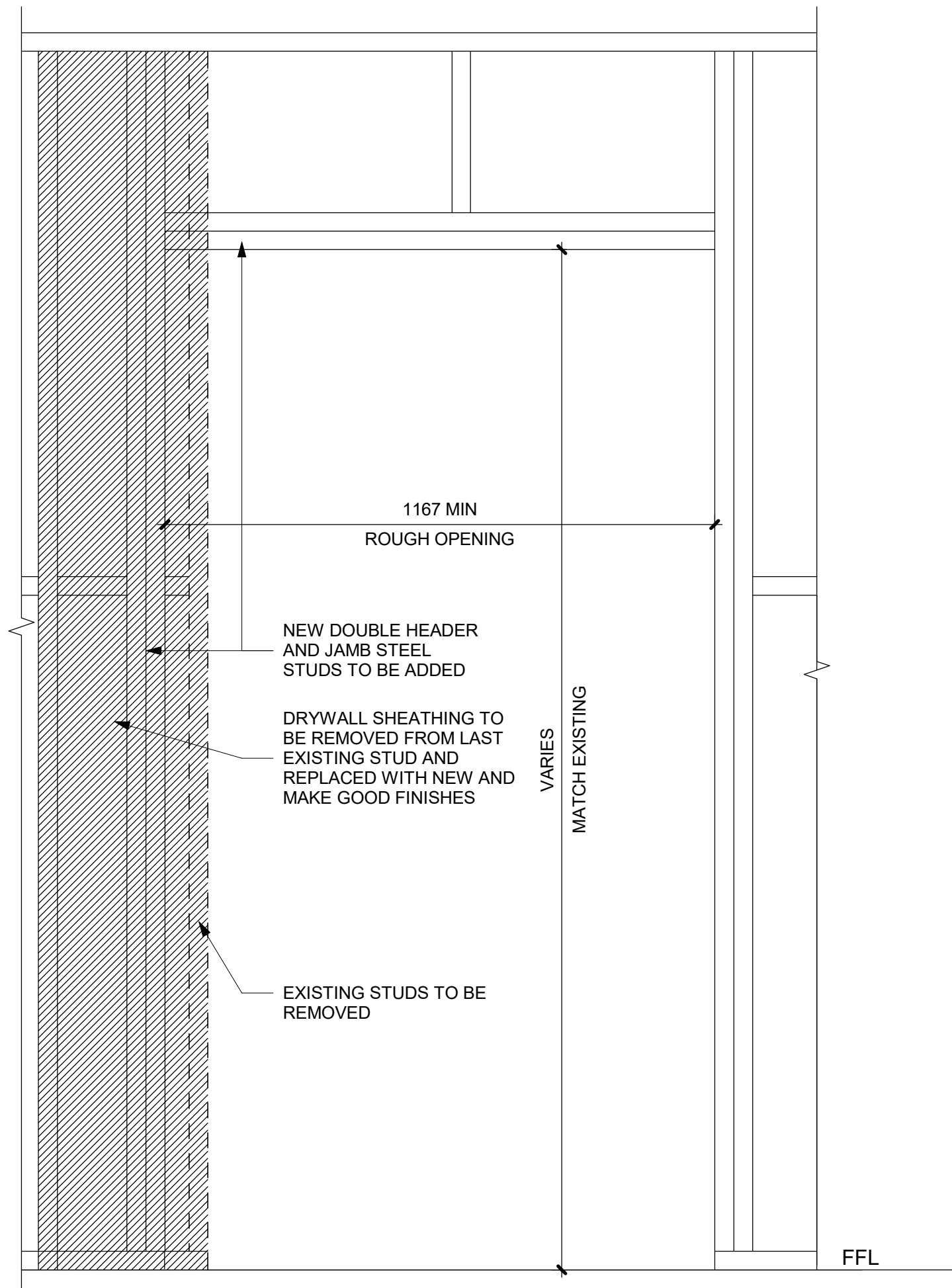
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PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

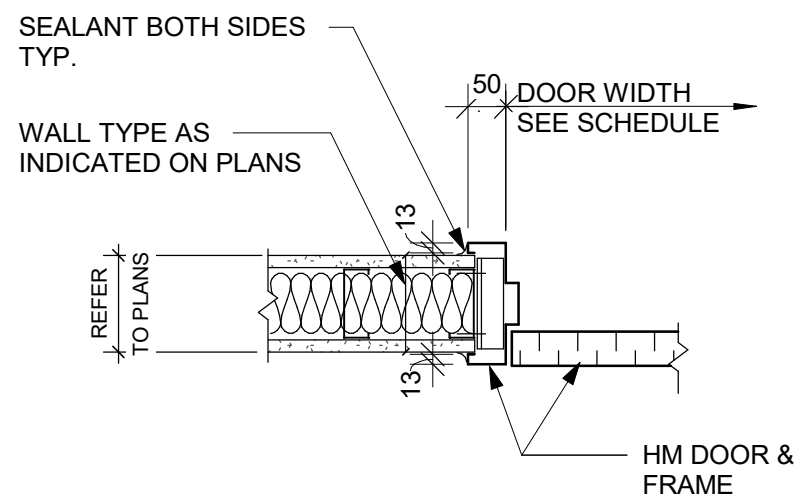
DRAWN BY: A. BOYNARIAN	CHECKED BY: L. BANDIERA
PROJECT MGR: F. BOLOURIAN	APPROVED BY: E. FENUTA

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

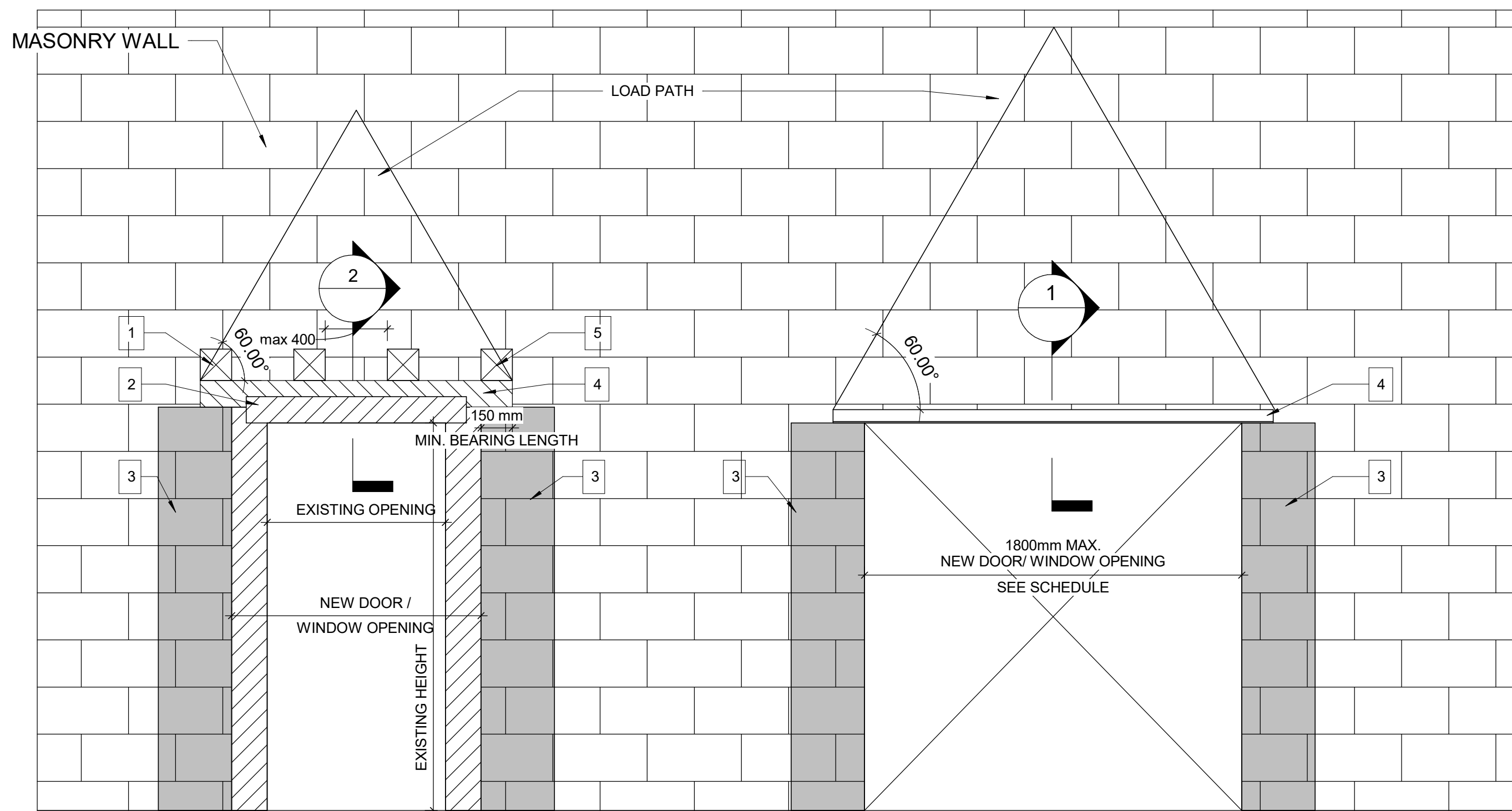
SHEET NUMBER D1001	ISSUE A
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1 DRYWALL - DOOR CUTOUT DETAIL
D1002 Scale: 1 : 10



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



3 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

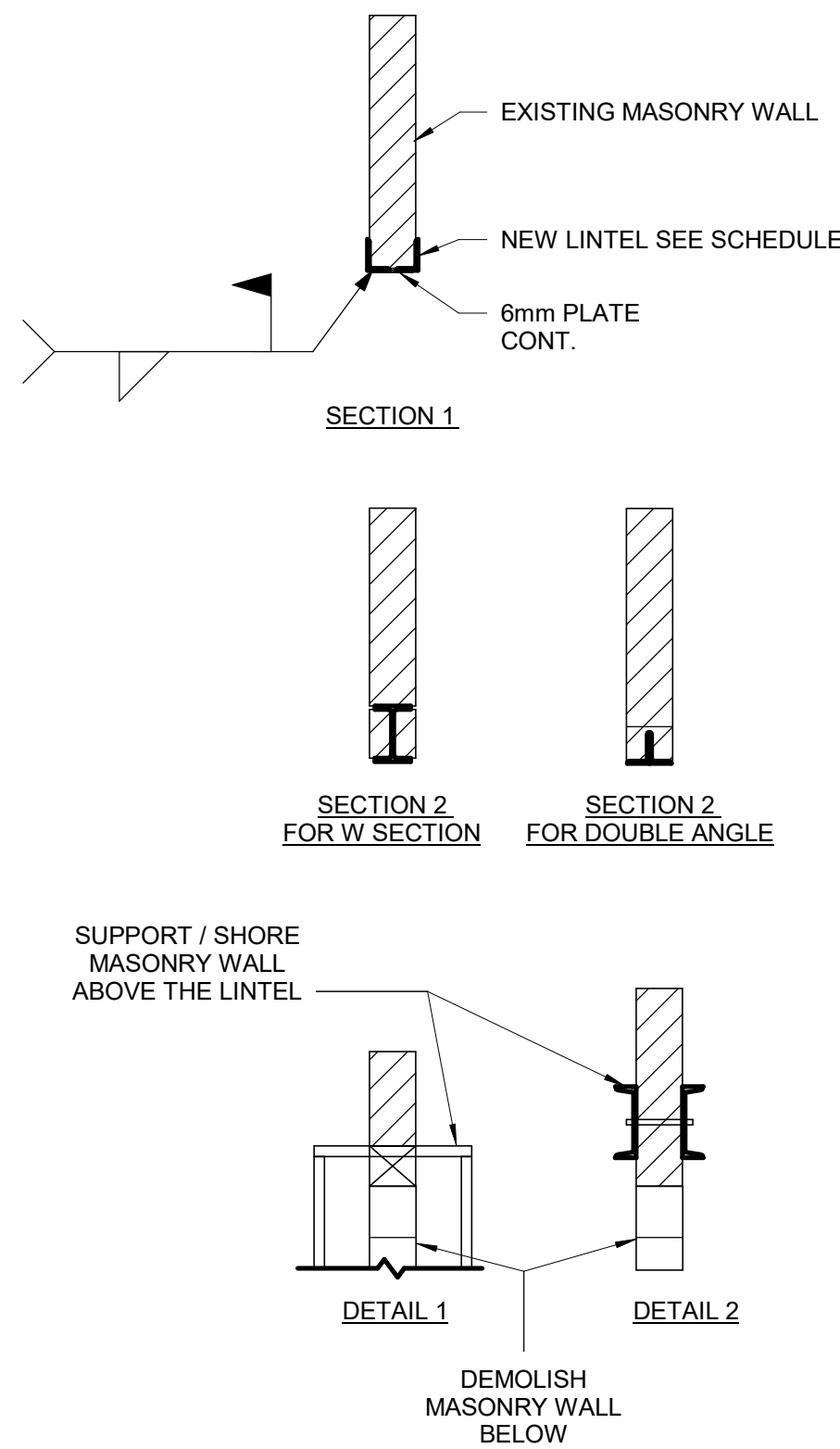
NEW DOOR/WINDOW OPENING
INTO EXISTING MASONRY WALL TYP.

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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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

DRAWN BY:
A. BOYNARIAN

CHECKED BY:
K. TILAHUN

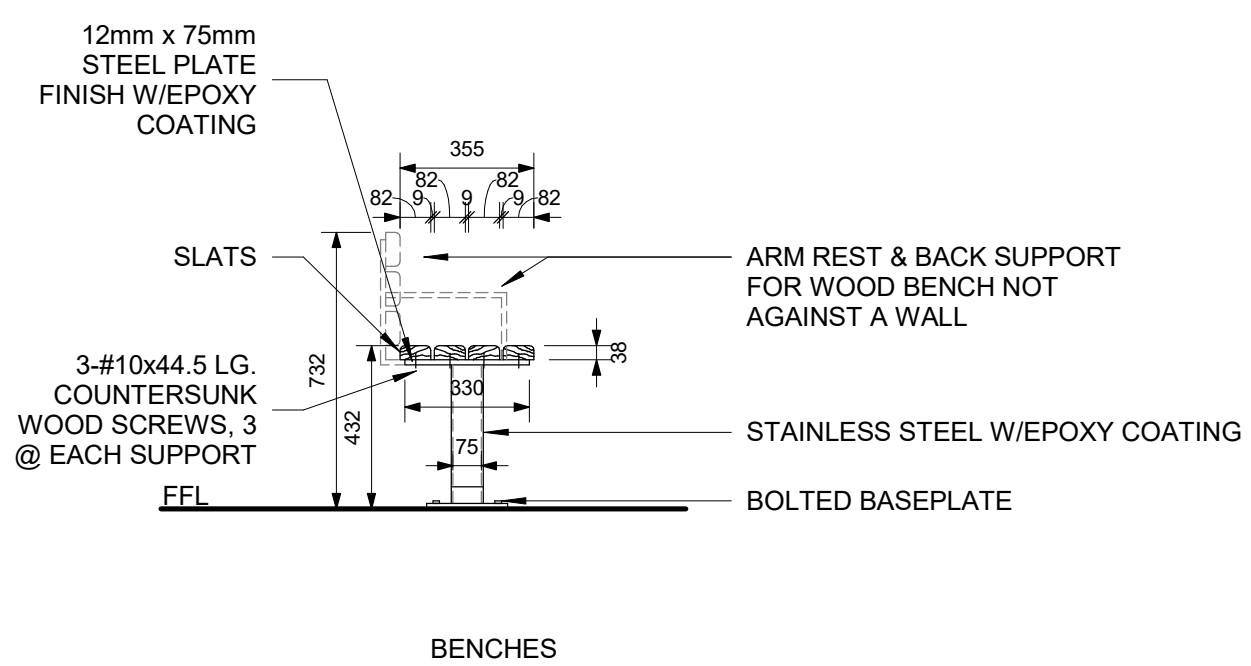
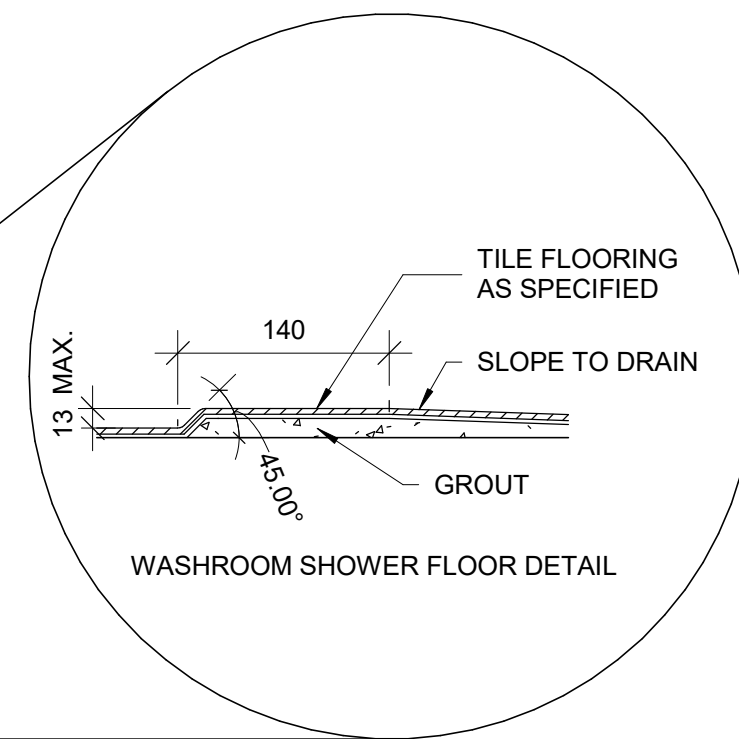
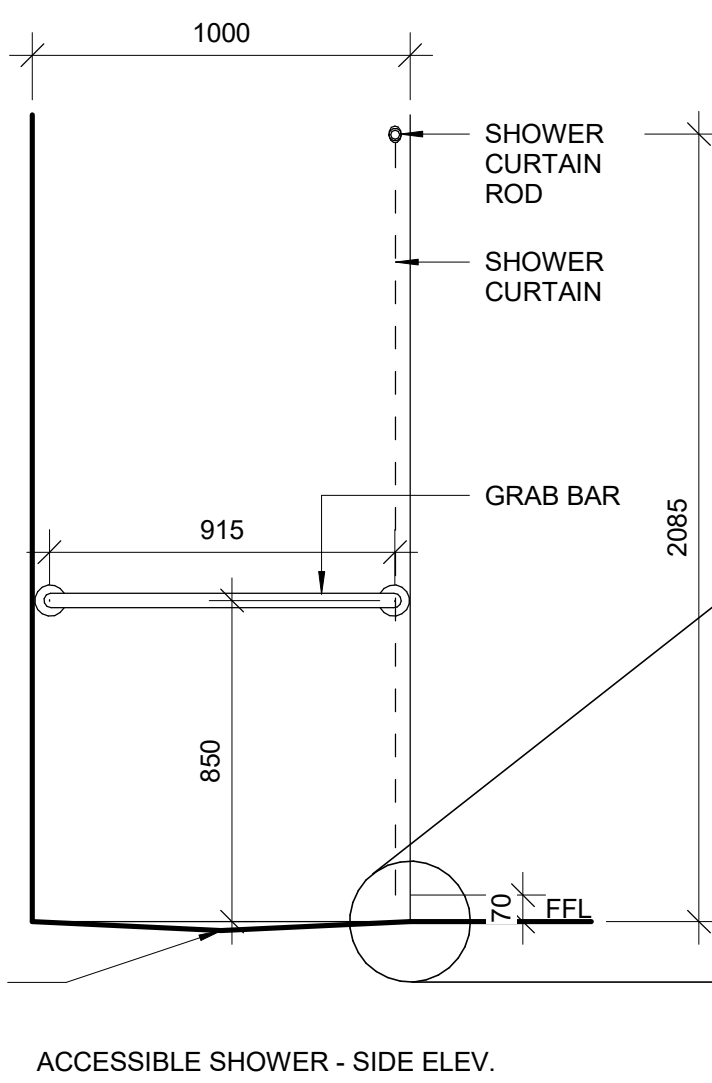
PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
E. FENUTA

SHEET TITLE
DRYWALL CUT OUT

SHEET NUMBER
D1002

ISSUE
A



6 WASHROOM/CHANGEROOM BENCH
D1201 Scale: 1 : 20



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

- Top Mounting Dimensions:**
 - 480 MIN (Total width between mounting points)
 - 380 MIN (Distance from centerline to each mounting point)
 - 450 MAX (Maximum distance between mounting points)
- Left Side Dimensions:**
 - 50 MIN (Minimum distance from wall to urinal body)
 - 300 MIN (Minimum height from urinal body to mounting point)
 - 275 (Distance from urinal body to mounting point)
- Right Side Dimensions:**
 - 1000 (Total height from urinal body to mounting point)
- Components and Labels:**
 - GRAB BAR (Horizontal bar for accessibility)
 - CONTROL (Urinal control lever)
 - PRIVACY SCREEN WHEN REQUIRED (Optional privacy screen)
 - WALL MOUNTED ACCESSIBLE URINAL (Main unit label)
 - F.F.L. (Finish Floor Line)

5 ACCESSIBLE WASHROOM - URINAL
D1201 Scale: 1 : 20

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Project Management Office
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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. FENUTA

SHEET TITLE

UNIVERSAL WASHROOM
ELEVATIONS

SHEET NUMBER

D1203

ISSUE

A

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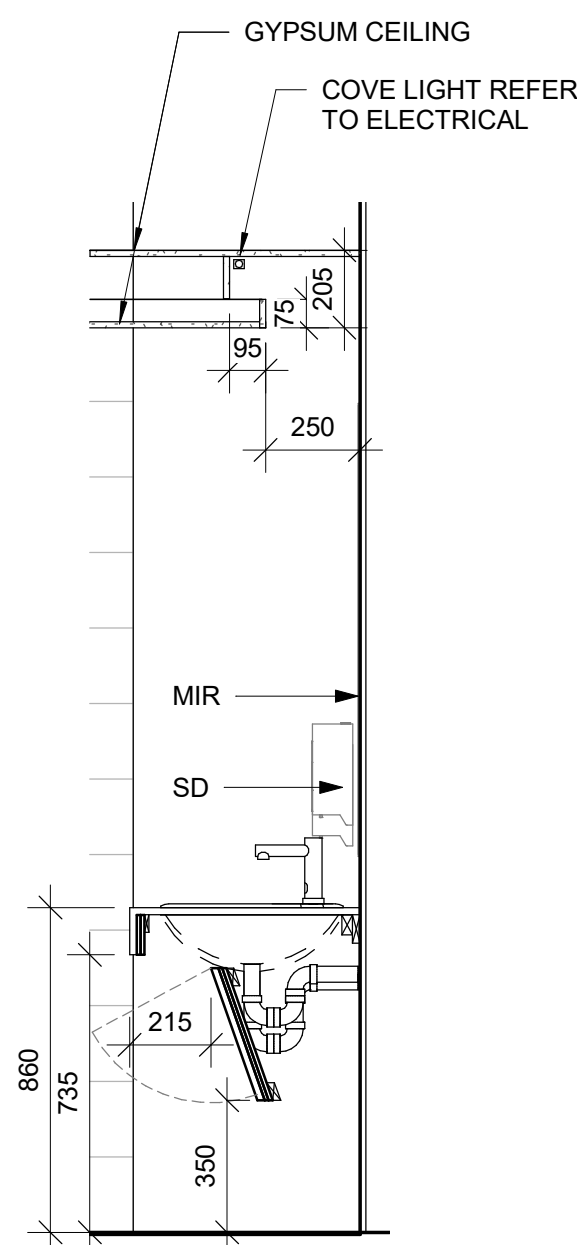
1 in

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 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
WASHROOM VANITY
SECTION

SHEET NUMBER
D1204

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PROJECT TITLE

CITY OF TORONTO
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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

UNIVERSAL WASHROOM
EMERGENCY CALL
SYSTEM

SHEET NUMBER

D1205

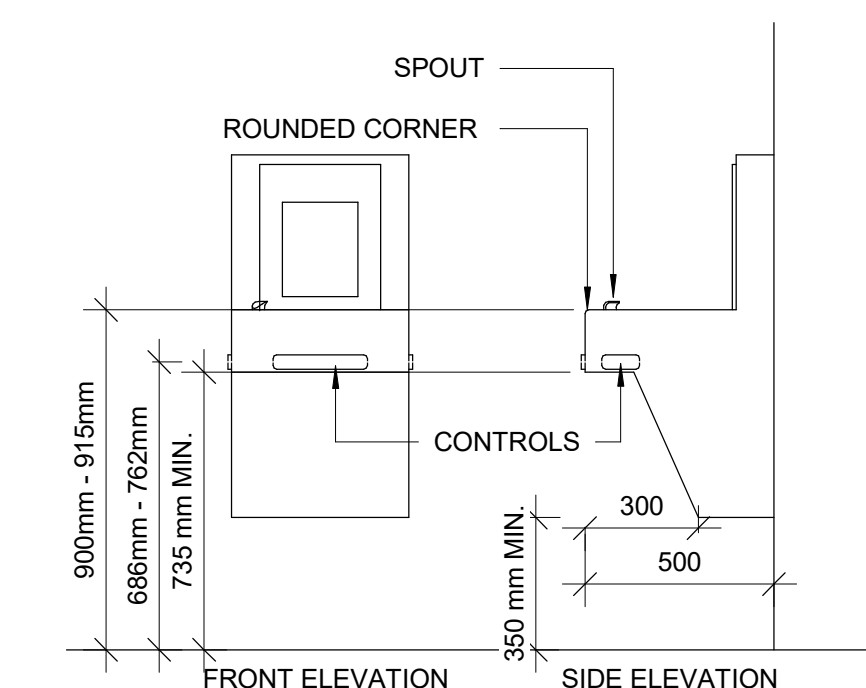
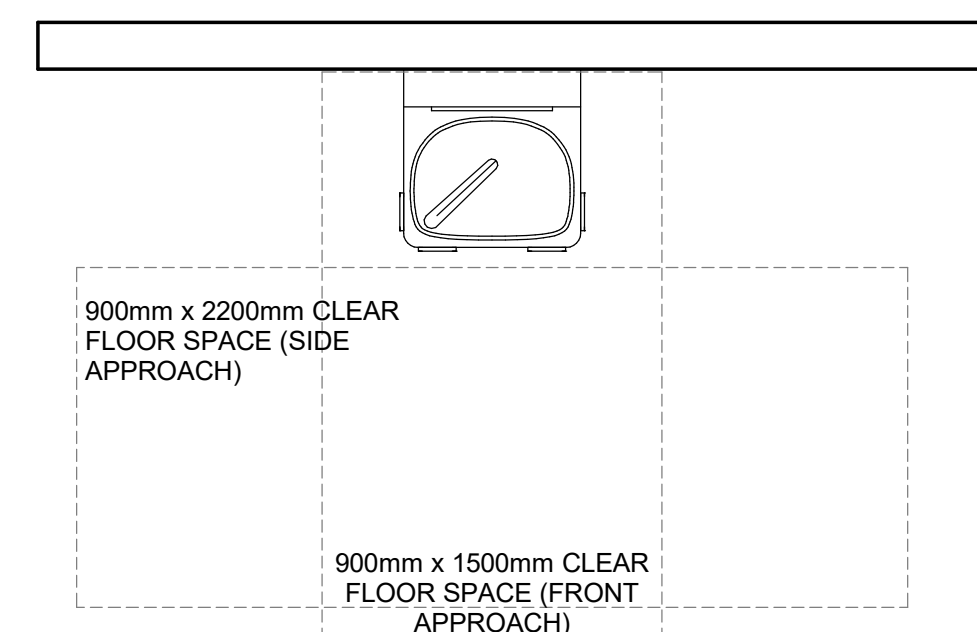
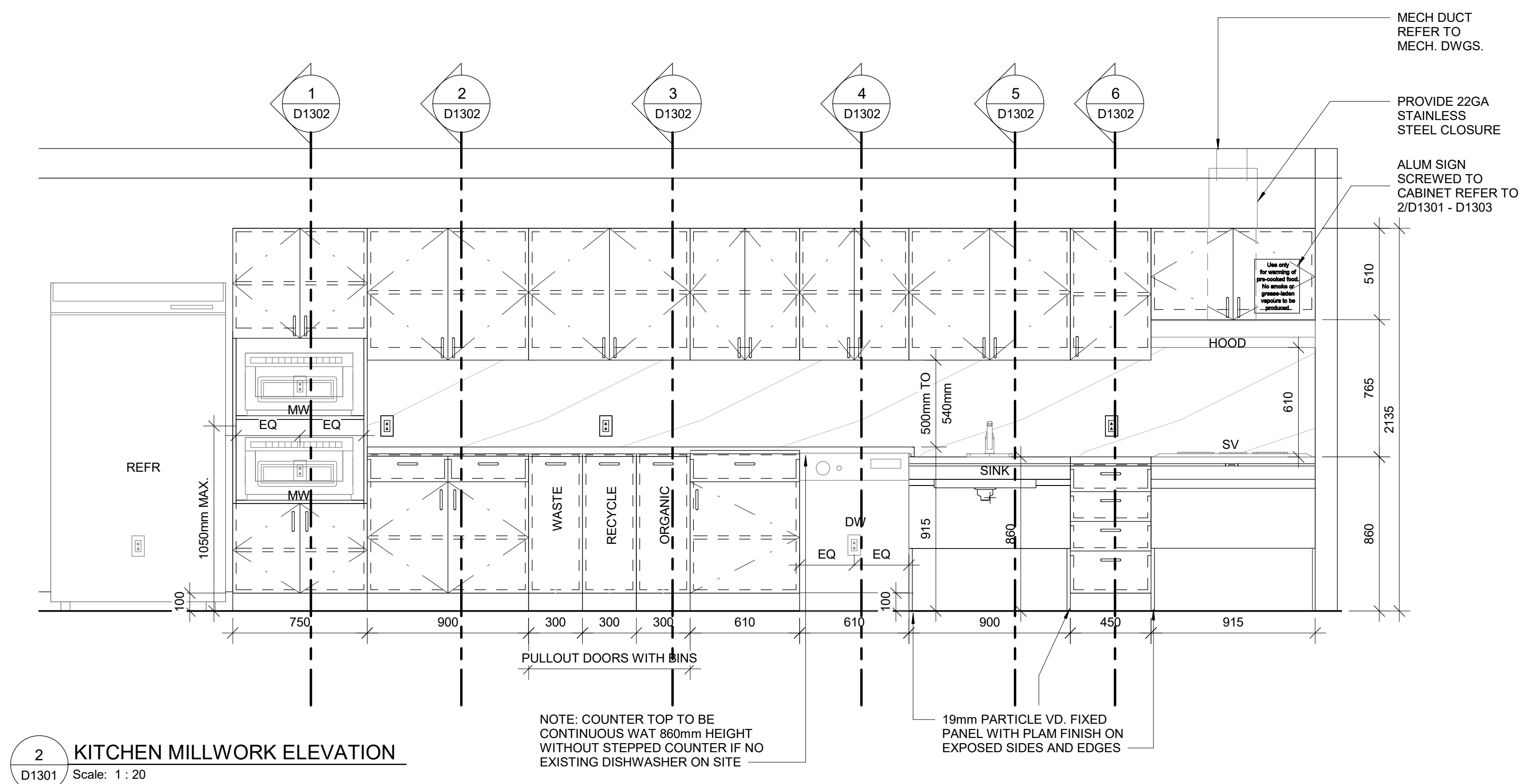
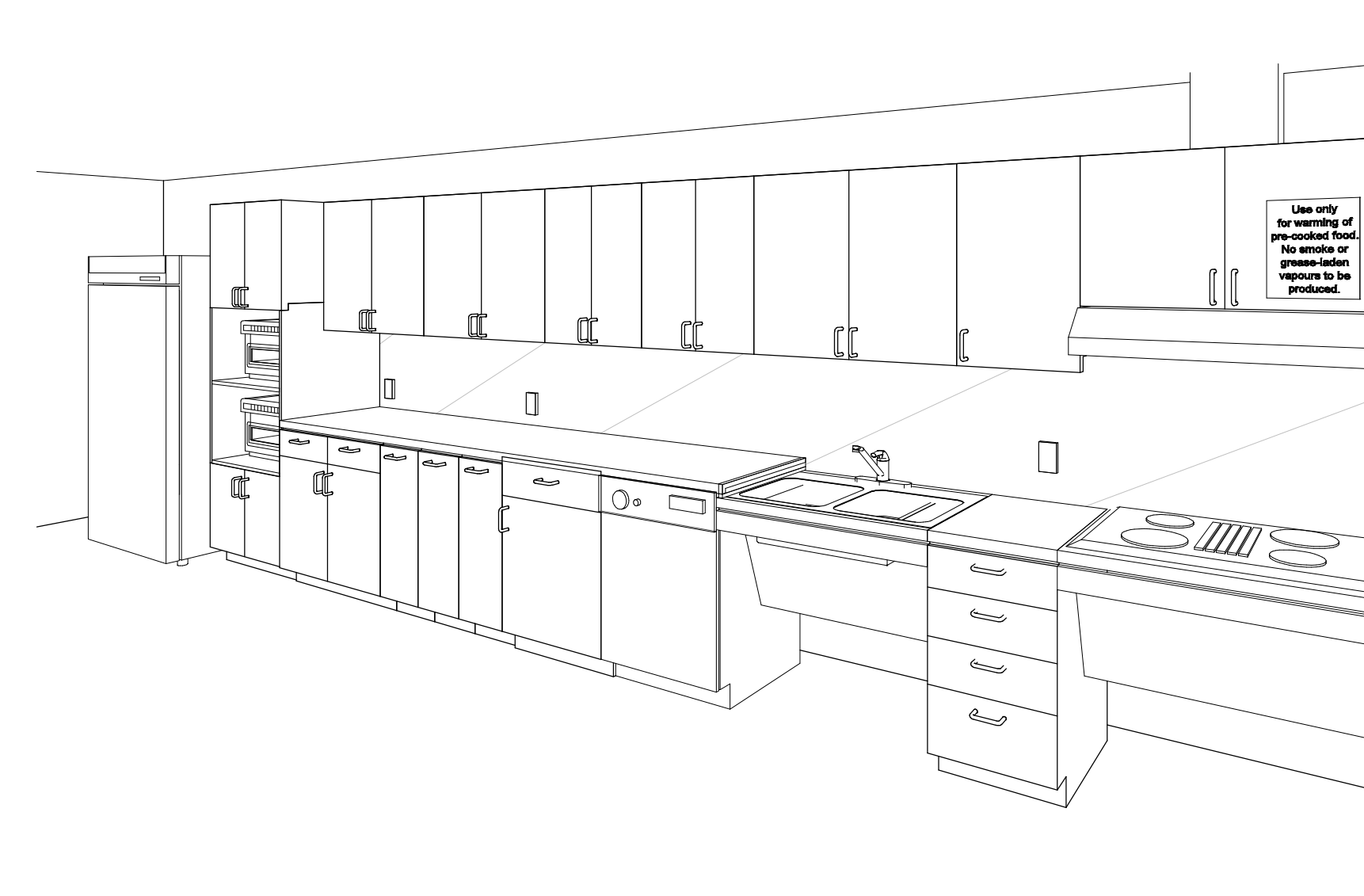
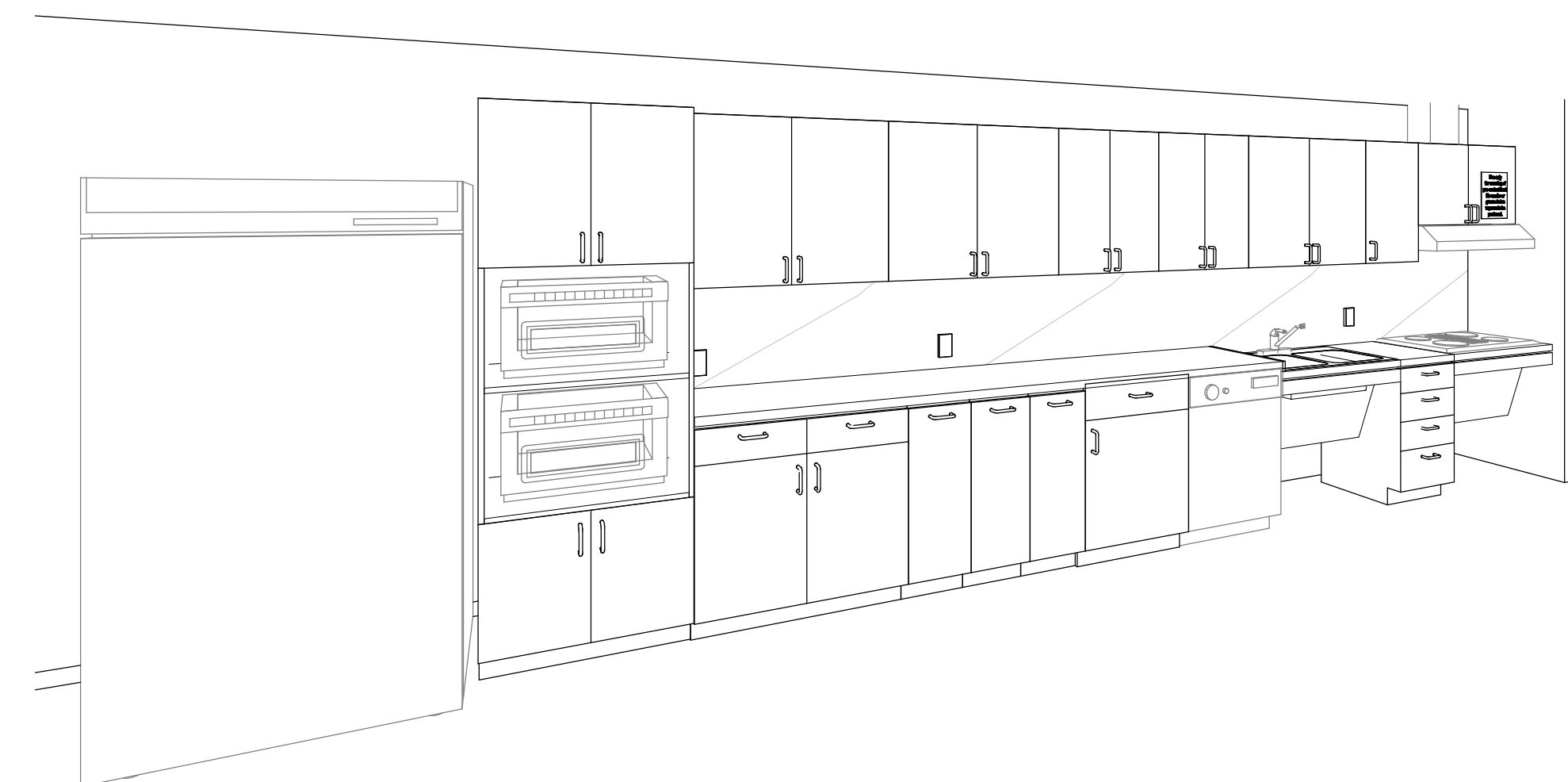
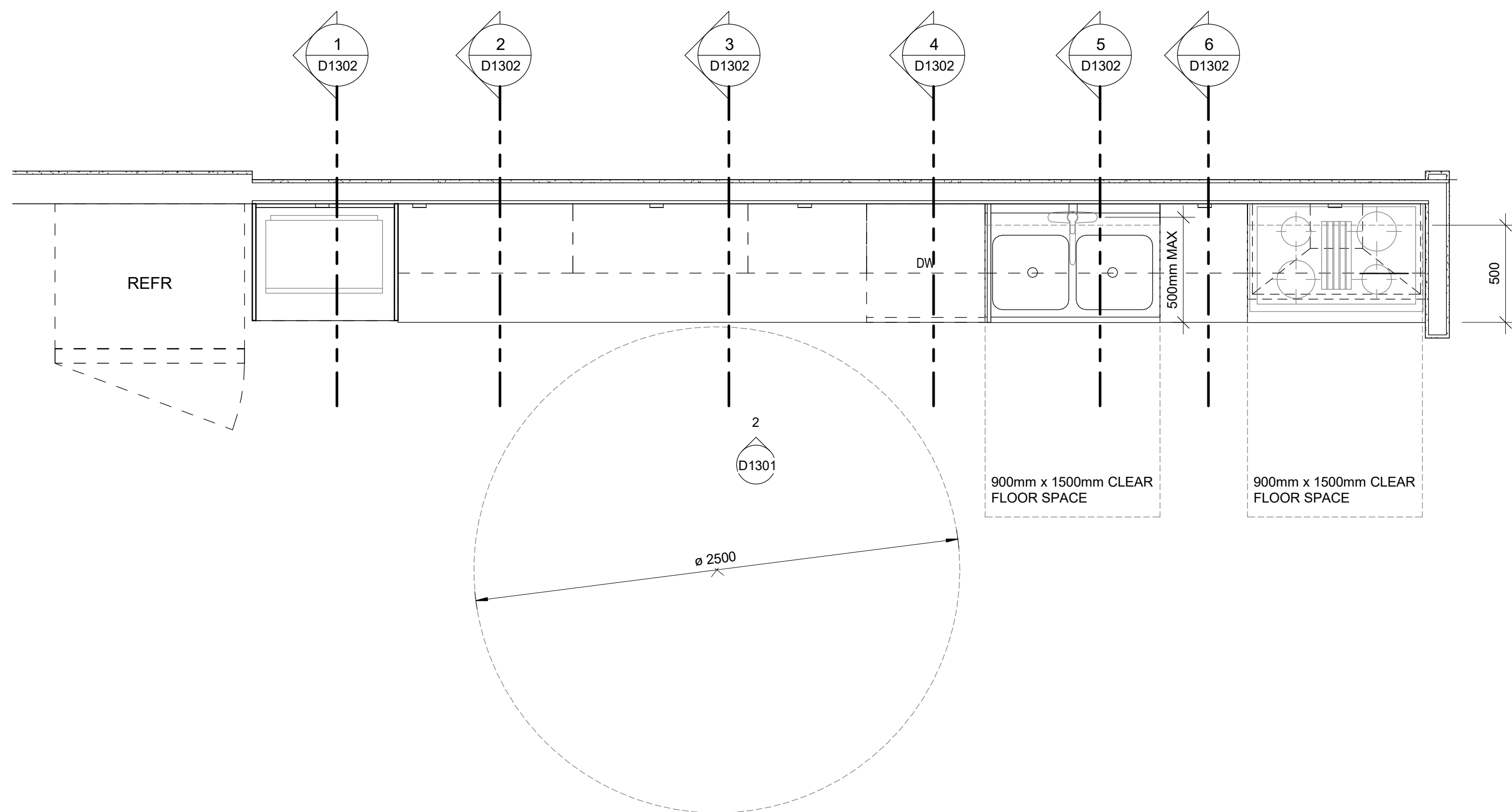
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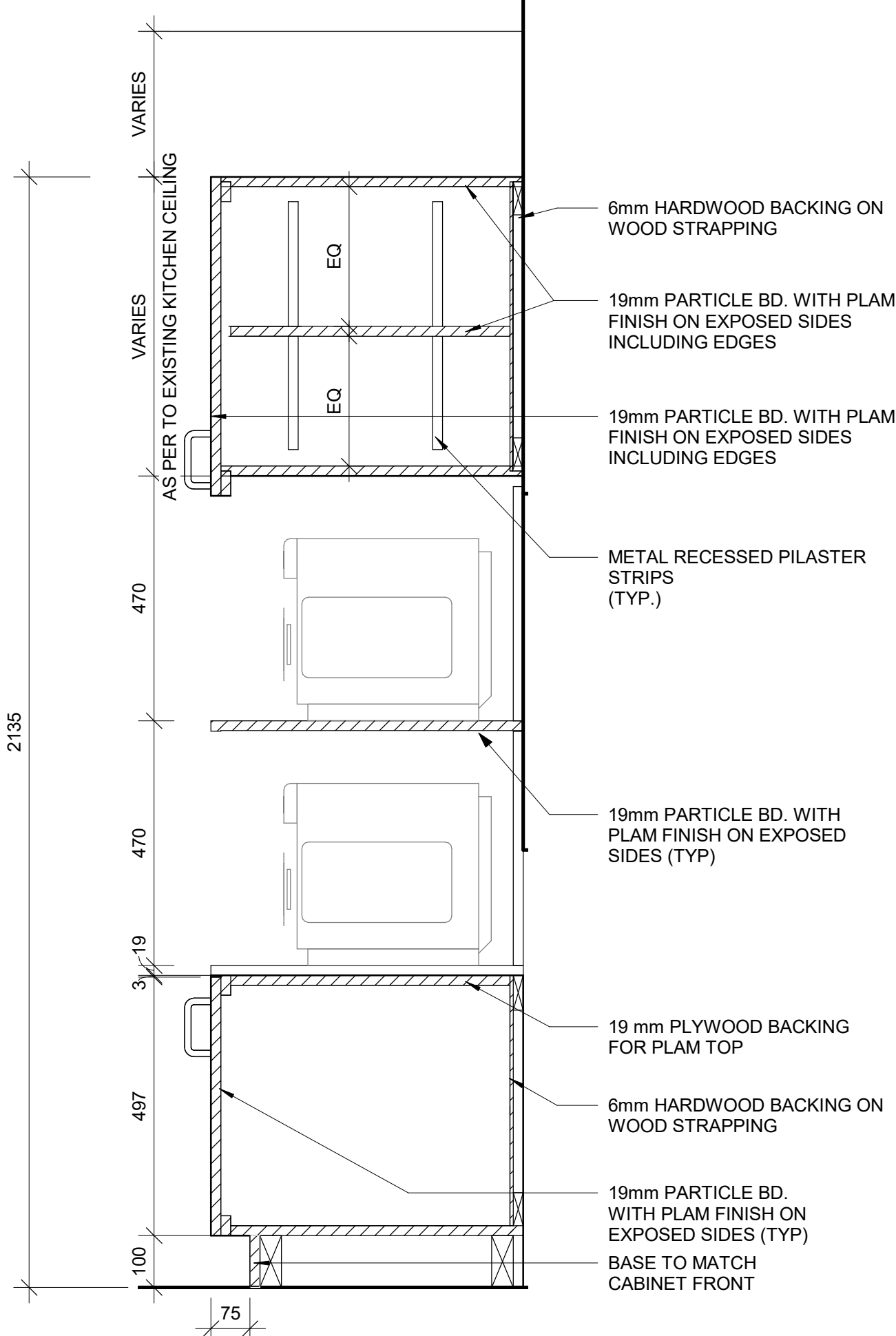
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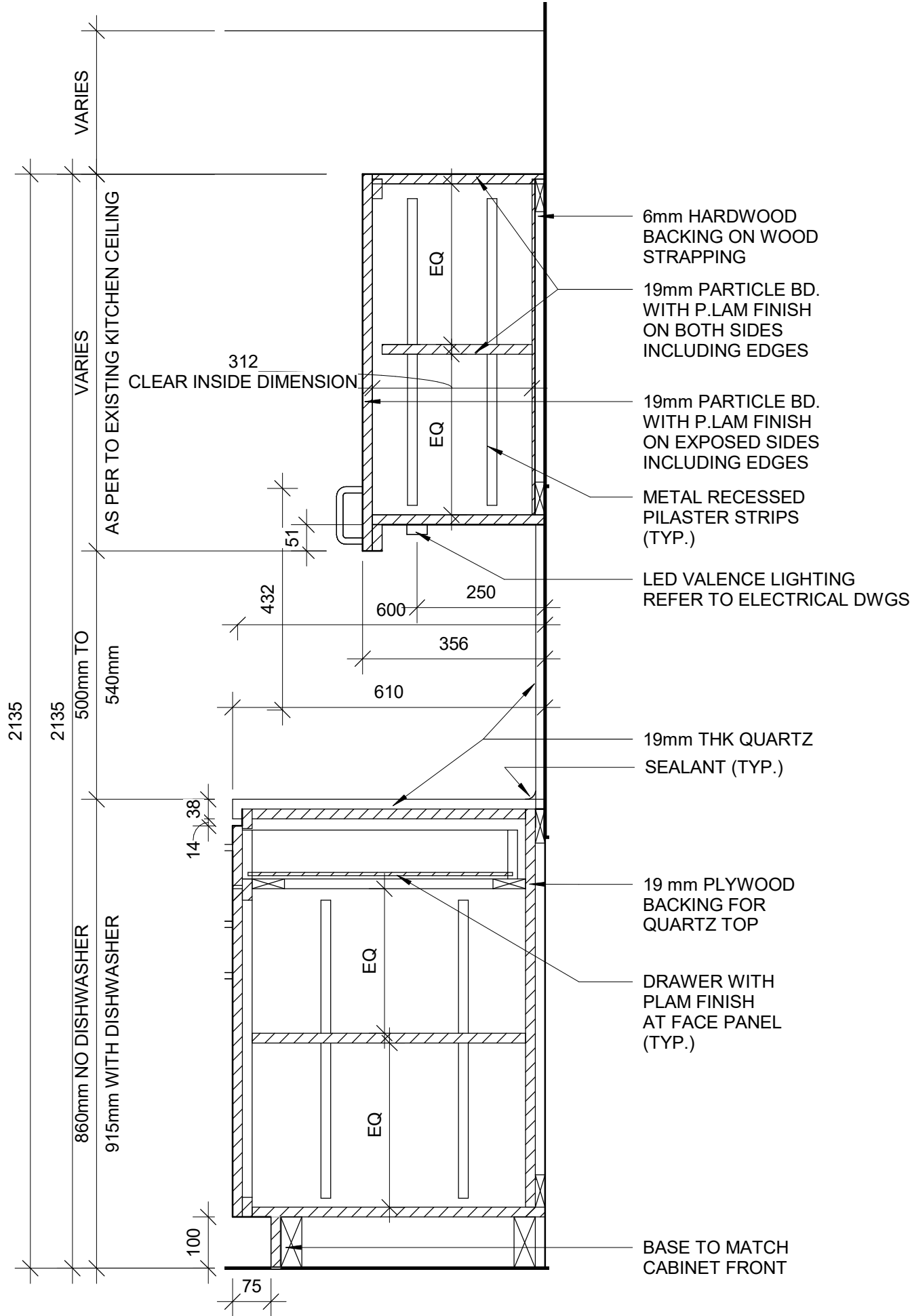


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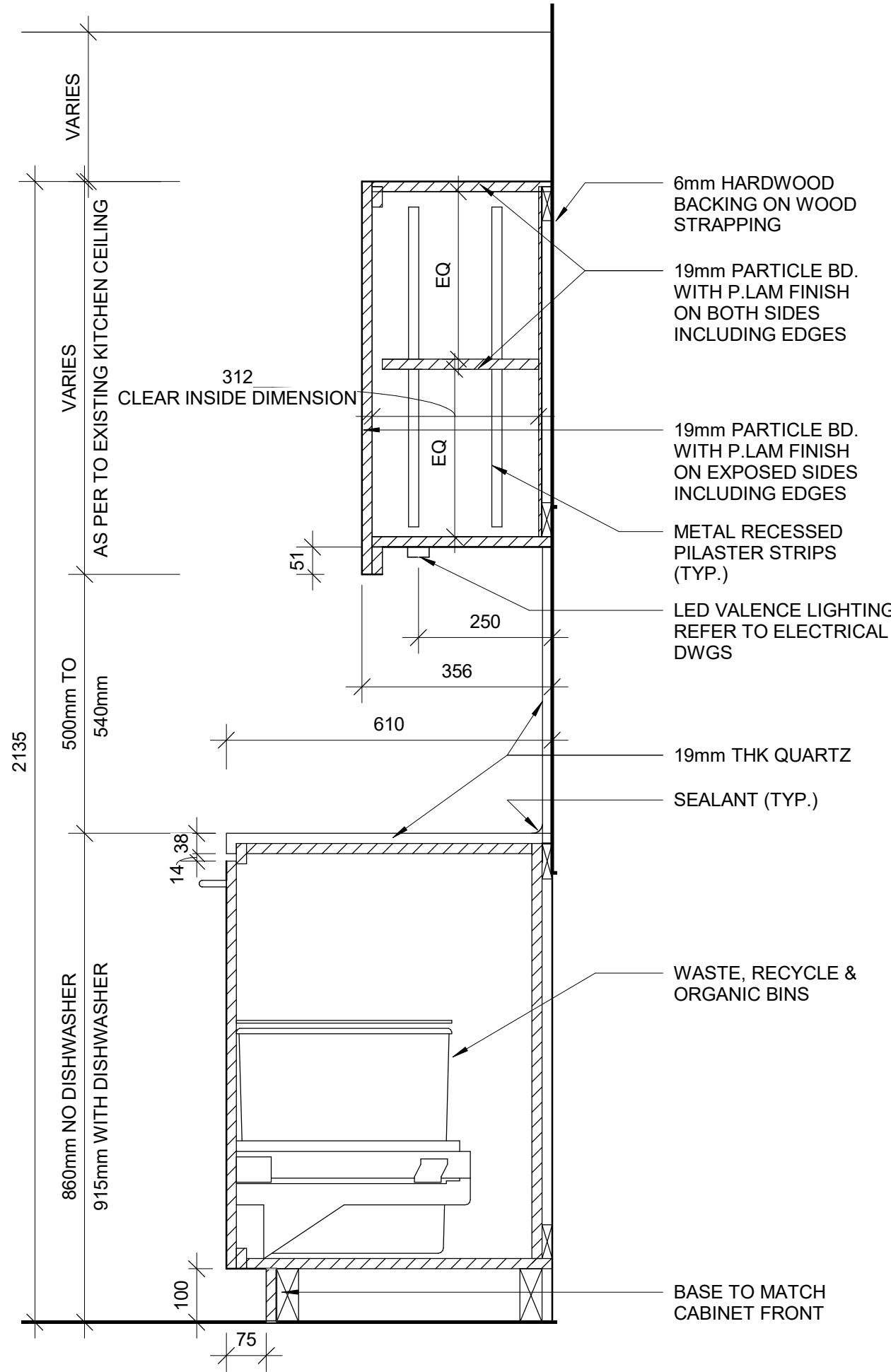
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2. CONTRACTOR TO CONFIRM APPLIANCES SIZES PRIOR TO FABRICATION OF MILLWORK



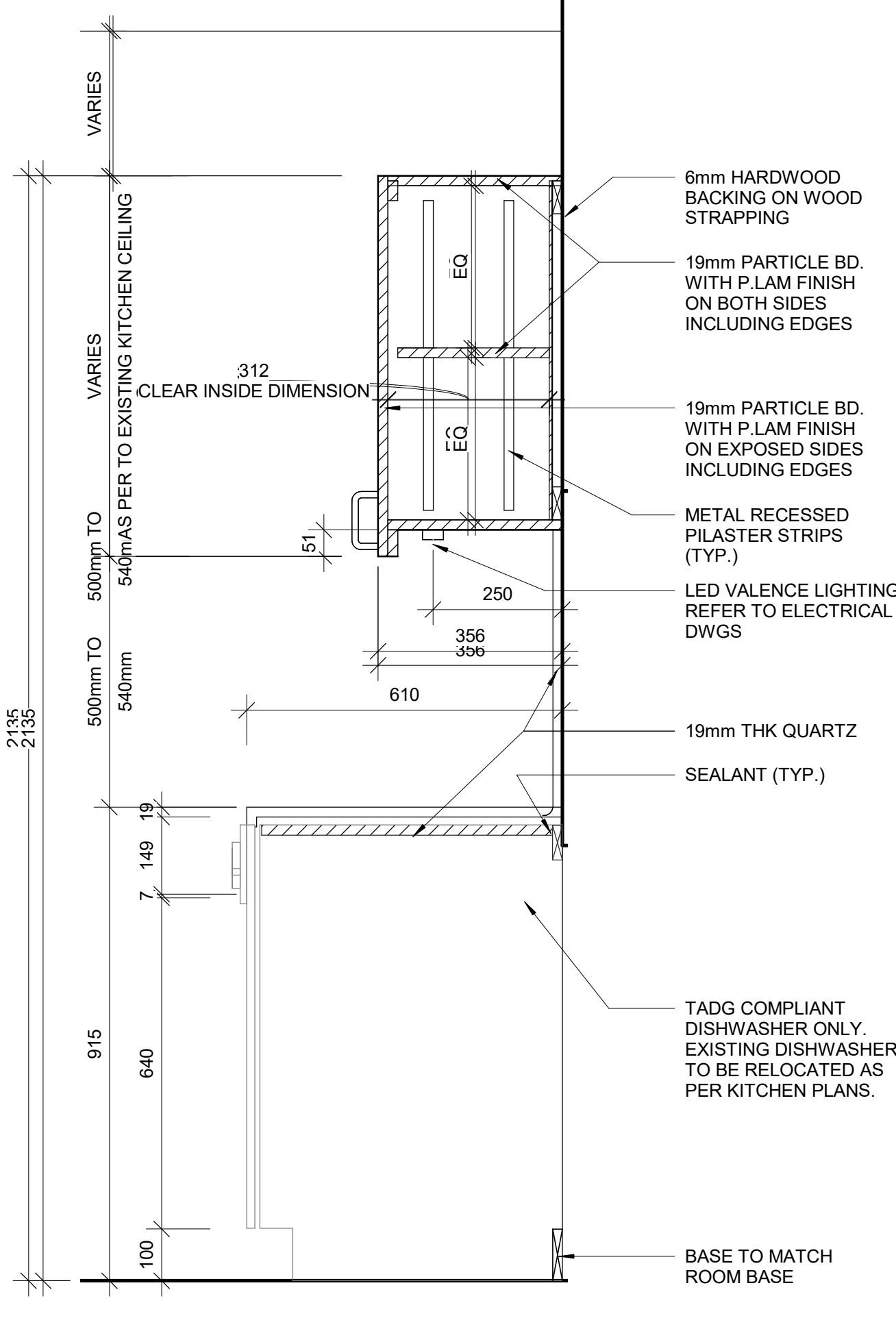
1 BASE CABINETRY- MICROWAVE STORAGE
D1302 / Scale: 1 : 10



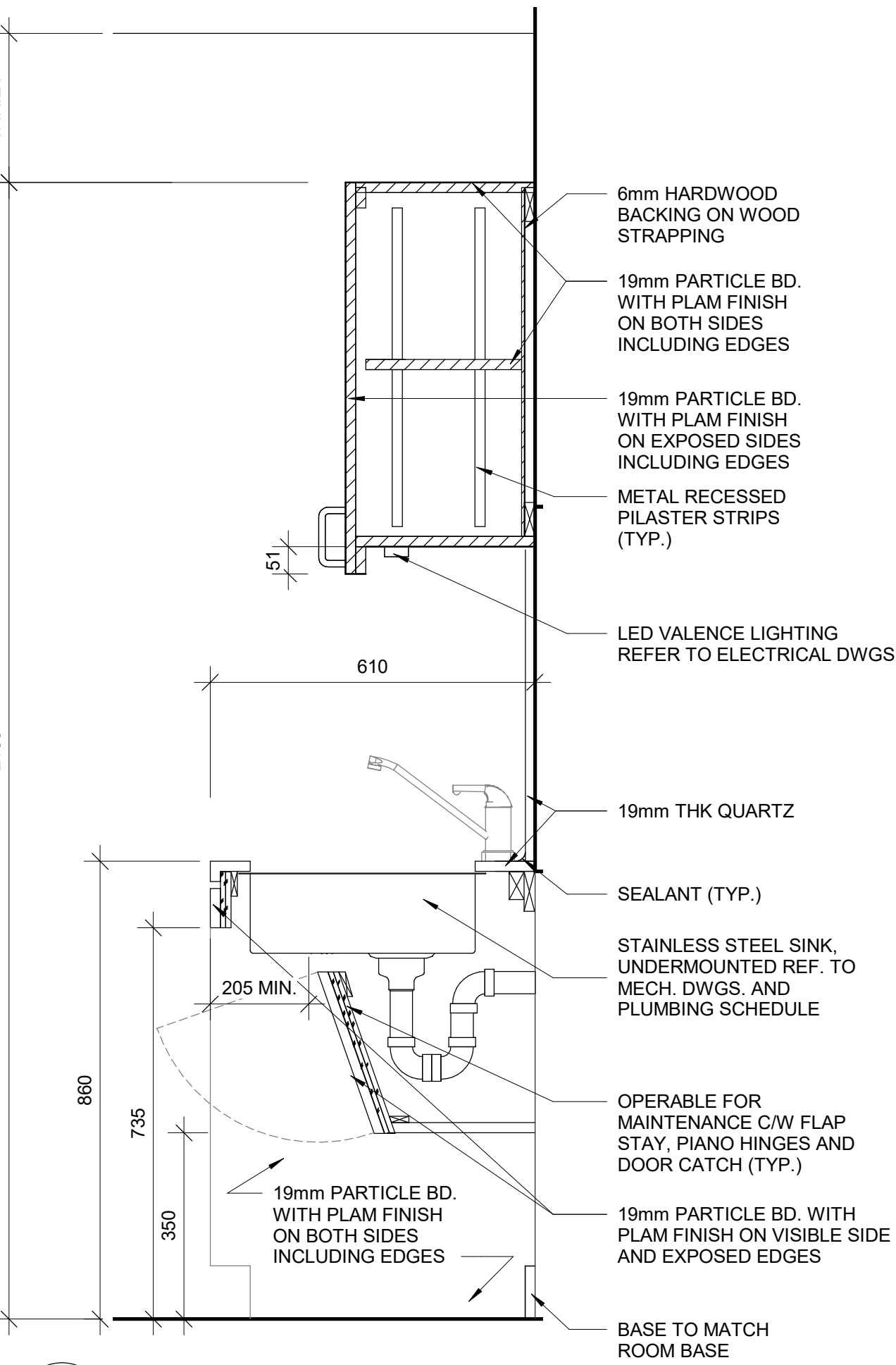
2 BASE CABINETRY WITH DRAWER
D1302 / Scale: 1 : 10



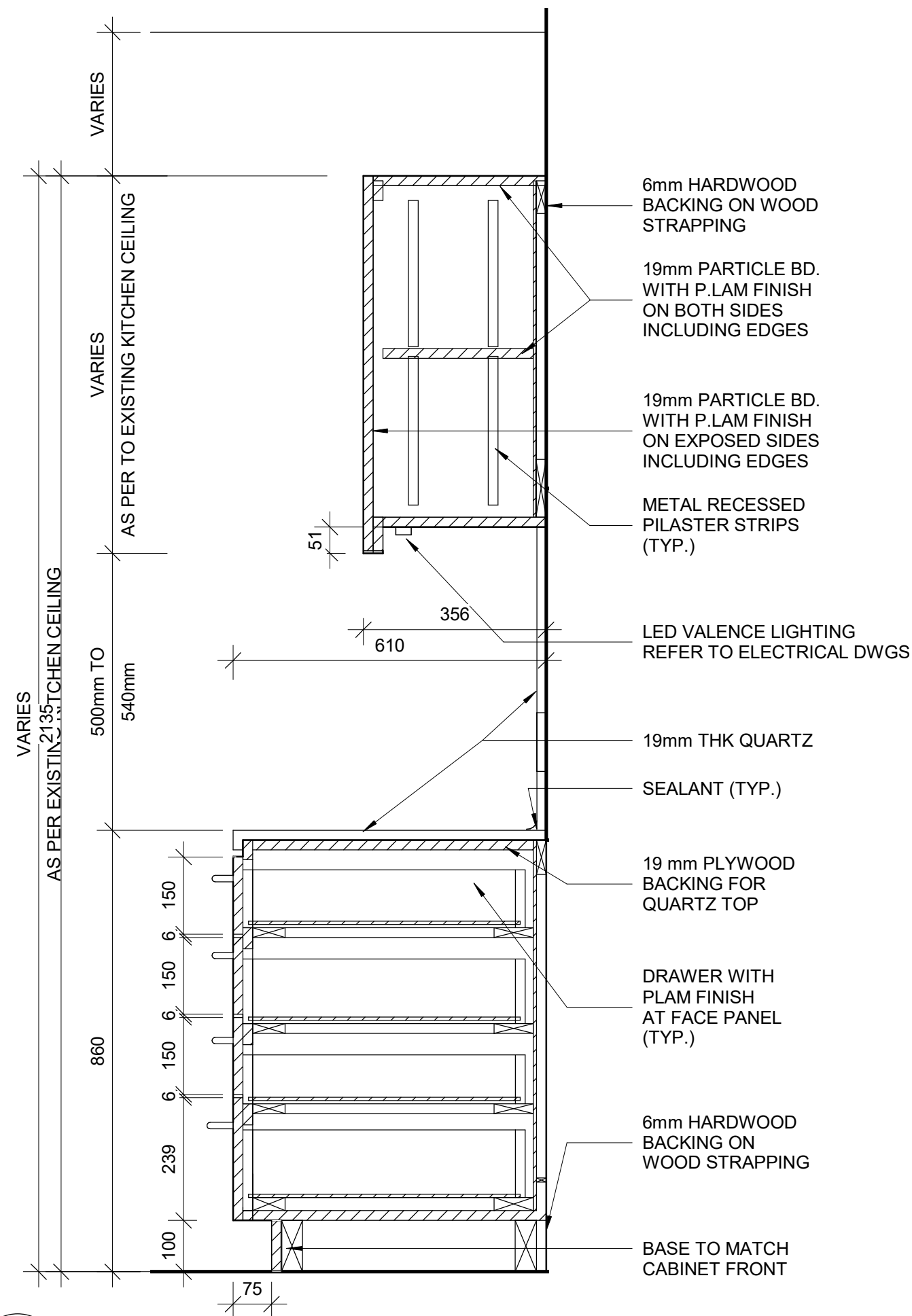
3 BASE CABINETRY WITH GARBAGE BIN
D1302 / Scale: 1 : 10



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

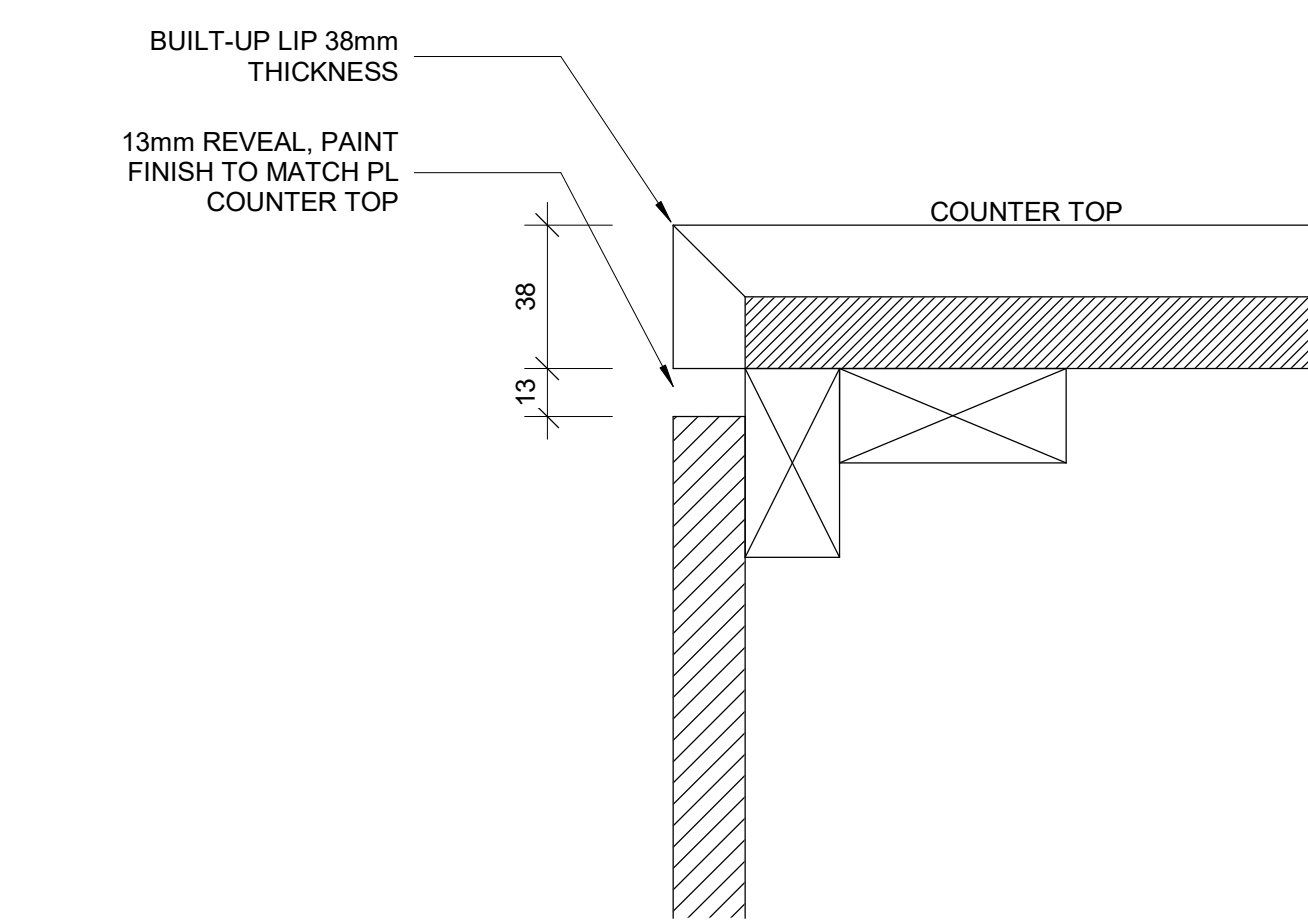


5 BASE CABINETRY WITH SINK
D1302 / Scale: 1 : 10



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

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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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

KITCHEN MILLWORK
DETAIL SECTIONS

SHEET NUMBER	ISSUE
D1302	A

A large rectangular area divided into two horizontal sections by a thin line. The top section is white and contains the word "RESERVED" in black, uppercase letters, rotated 45 degrees clockwise. The bottom section is light gray and also contains the word "RESERVED" in black, uppercase letters, rotated 45 degrees clockwise.

A large rectangular area divided into two horizontal sections by a thin line. The top section contains the word "RESERVED" written diagonally. The bottom section also contains the word "RESERVED" written diagonally.

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<div>ISSUES</div> <table><thead><tr><th>No.</th><th>DESCRIPTION</th><th>DATE</th></tr></thead><tbody><tr><td>A</td><td>ISSUED FOR TENDER</td><td>2025-04-11</td></tr></tbody></table>			No.	DESCRIPTION	DATE	A	ISSUED FOR TENDER	2025-04-11
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A	ISSUED FOR TENDER	2025-04-11						
<div>CONSULTANTS</div>								
<div>SEAL</div>								
<div>PRIME CONSULTANT</div> <div>ARCADIS</div> <div>100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com</div>								
<div>PROJECT TITLE</div> <div>CITY OF TORONTO ACCESSIBILITY UPGRADES</div>								
<div>PROJECT ADDRESS</div>								
<div>PROJECT NO: 9119- 19- 0162 / Arcadis 30279056</div> <table><tr><td>DRAWN BY: A. BOYNARIAN</td><td>CHECKED BY: K. TILAHUN</td></tr><tr><td>PROJECT MGR: F. BOLOURIAN</td><td>APPROVED BY: E. FENUTA</td></tr></table>			DRAWN BY: A. BOYNARIAN	CHECKED BY: K. TILAHUN	PROJECT MGR: F. BOLOURIAN	APPROVED BY: E. FENUTA		
DRAWN BY: A. BOYNARIAN	CHECKED BY: K. TILAHUN							
PROJECT MGR: F. BOLOURIAN	APPROVED BY: E. FENUTA							
<div>SHEET TITLE</div> <div>KITCHEN HOOD VENT DETAIL</div>								
<div>SHEET NUMBER</div> <div>D1303</div>		<div>ISSUE</div> <div>A</div>						

SCALE CHECK	1 in	10 mm
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RESERVED

RESERVED

RESERVED

RESERVED

RESERVED

RESERVED

RESERVED

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DRAWN BY:

A. BOYNARIAN

CHECKED BY:

K. TILAHUN

PROJECT MGR:

F. BOLOURIAN

APPROVED BY:

E. FENUTA

SHEET TITLE

RECEPTION DESK WITH
TEMPERED GLASS
MILLWORK

SHEET NUMBER

D1305

ISSUE

A

2025-04-11 10:38:53 AM

SCALE CHECK

1 in

10mm

RESERVED

RESERVED

RESERVED


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K. TILAHUN

PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
E. FENUTA

SHEET TITLE

RECEPTION DESK WITH
TEMPERED GLASS
DETAIL SECTIONS

SHEET NUMBER

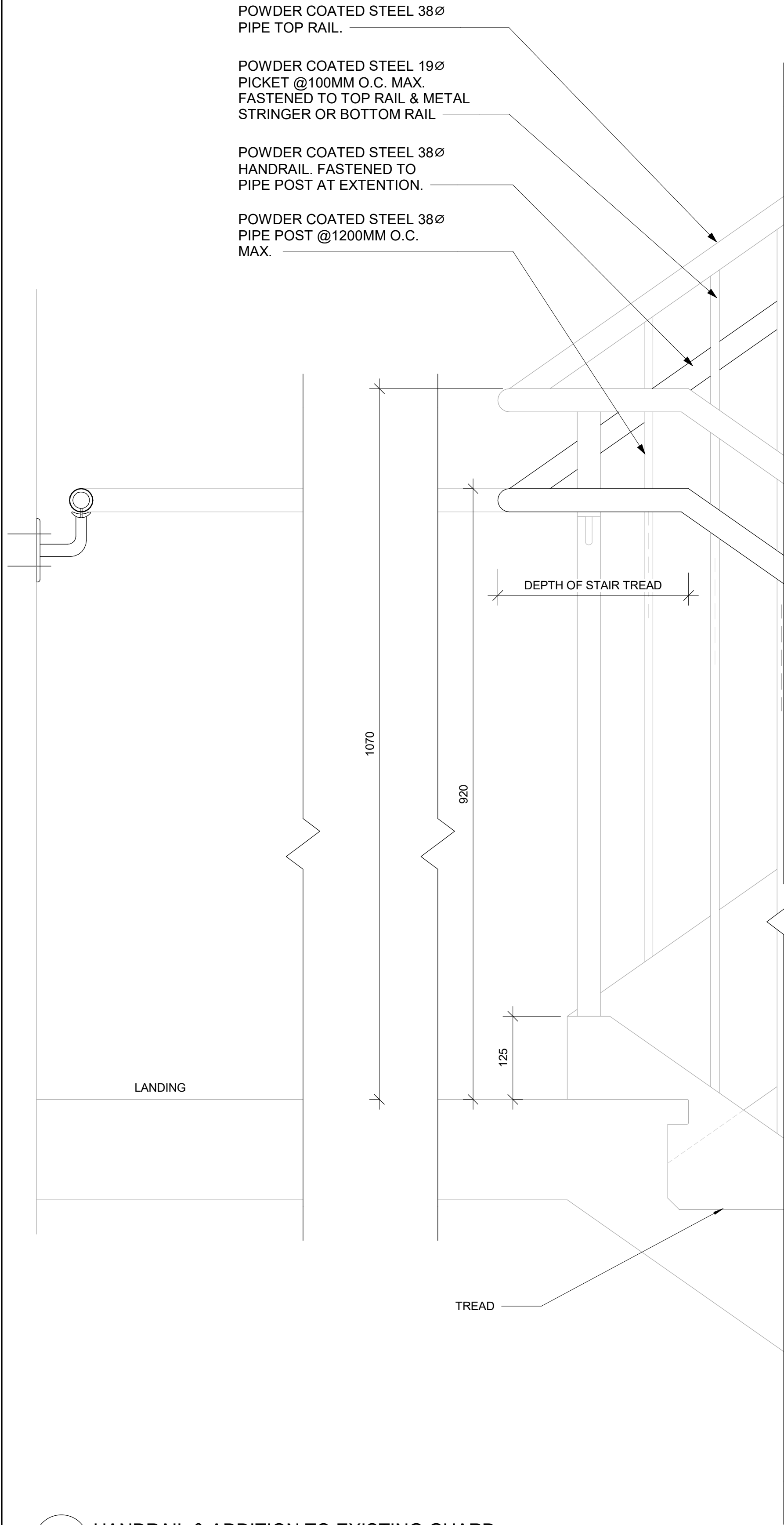
D1306

ISSUE

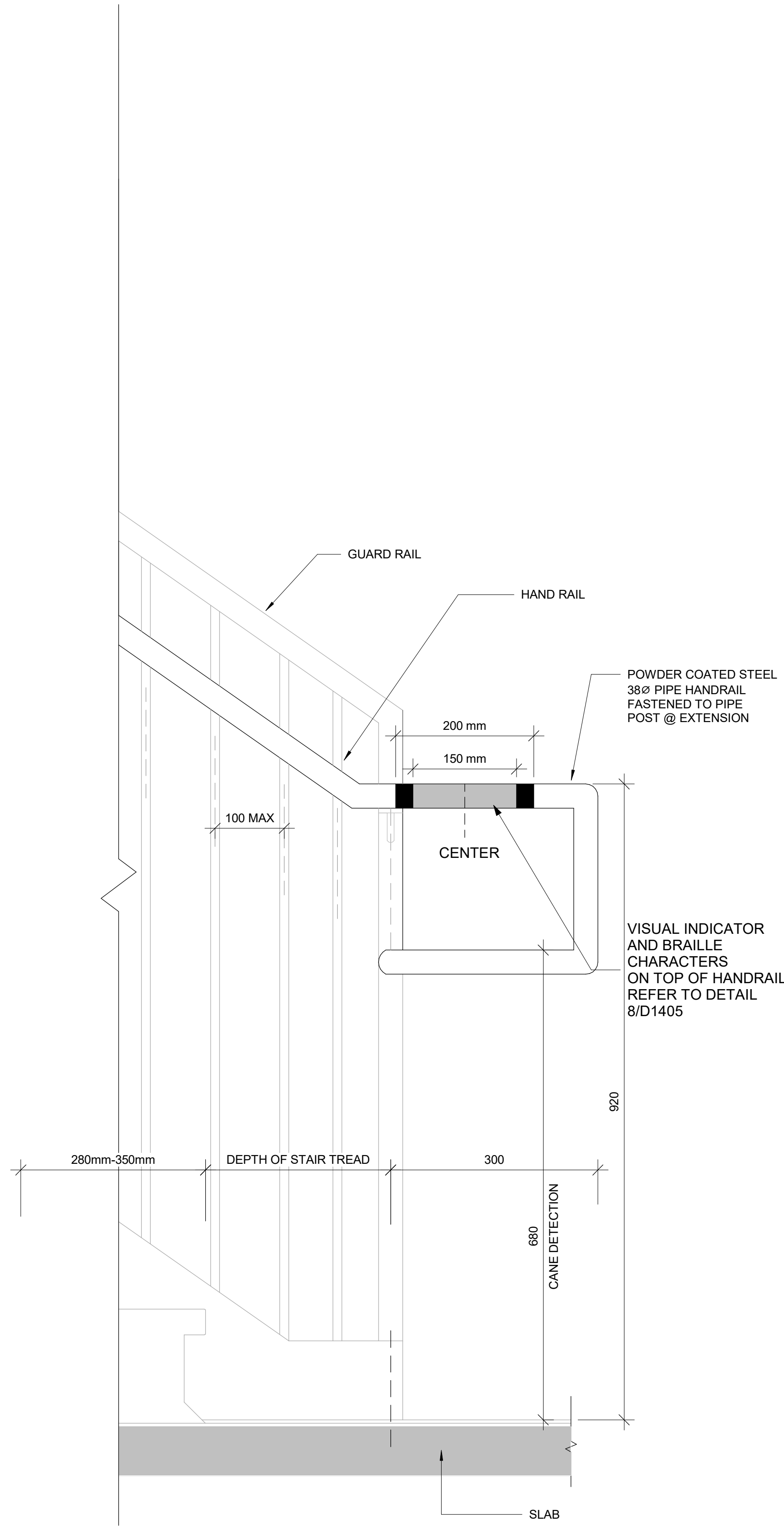
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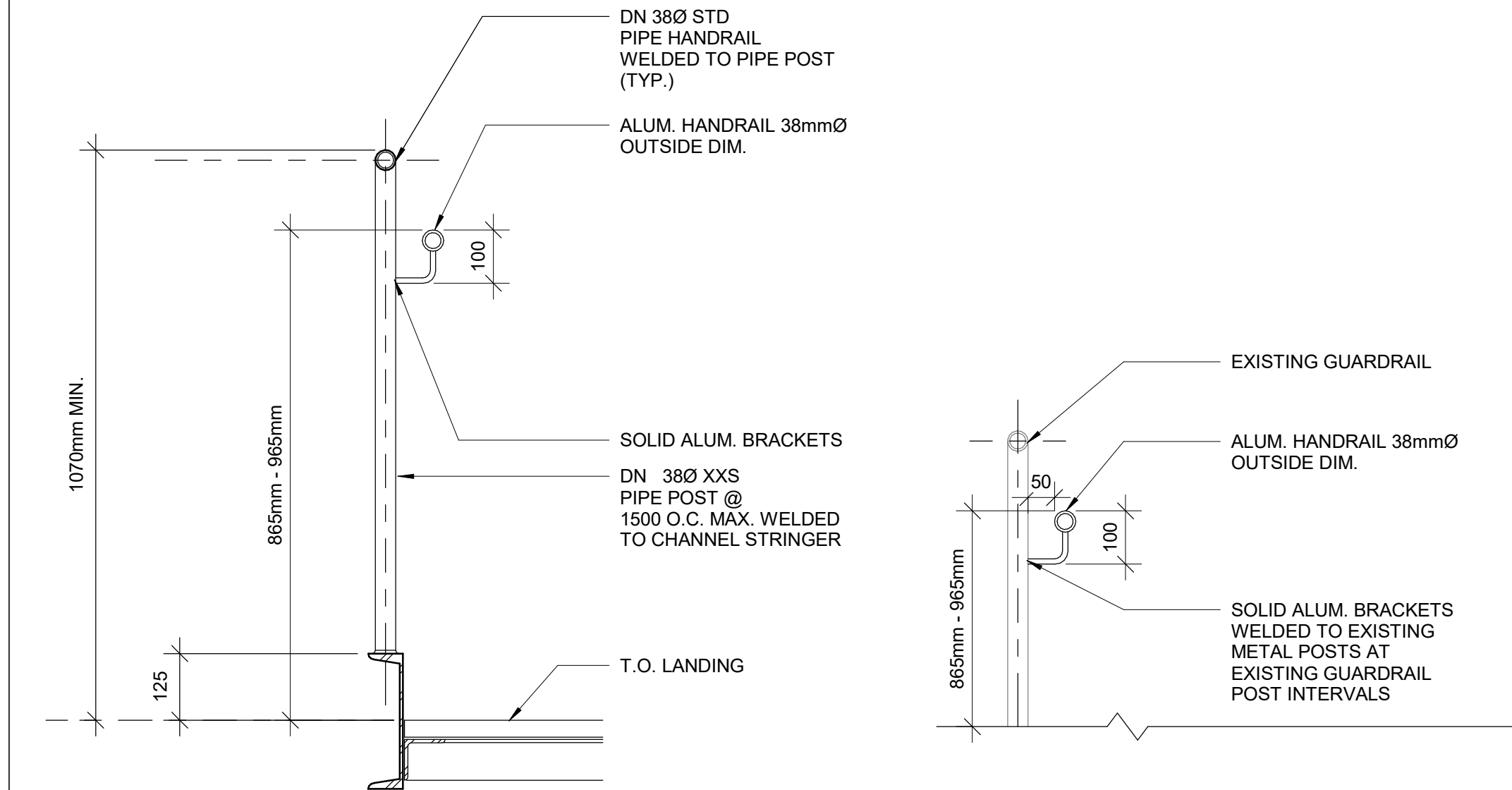
SCALE CHECK
1 in
10mm



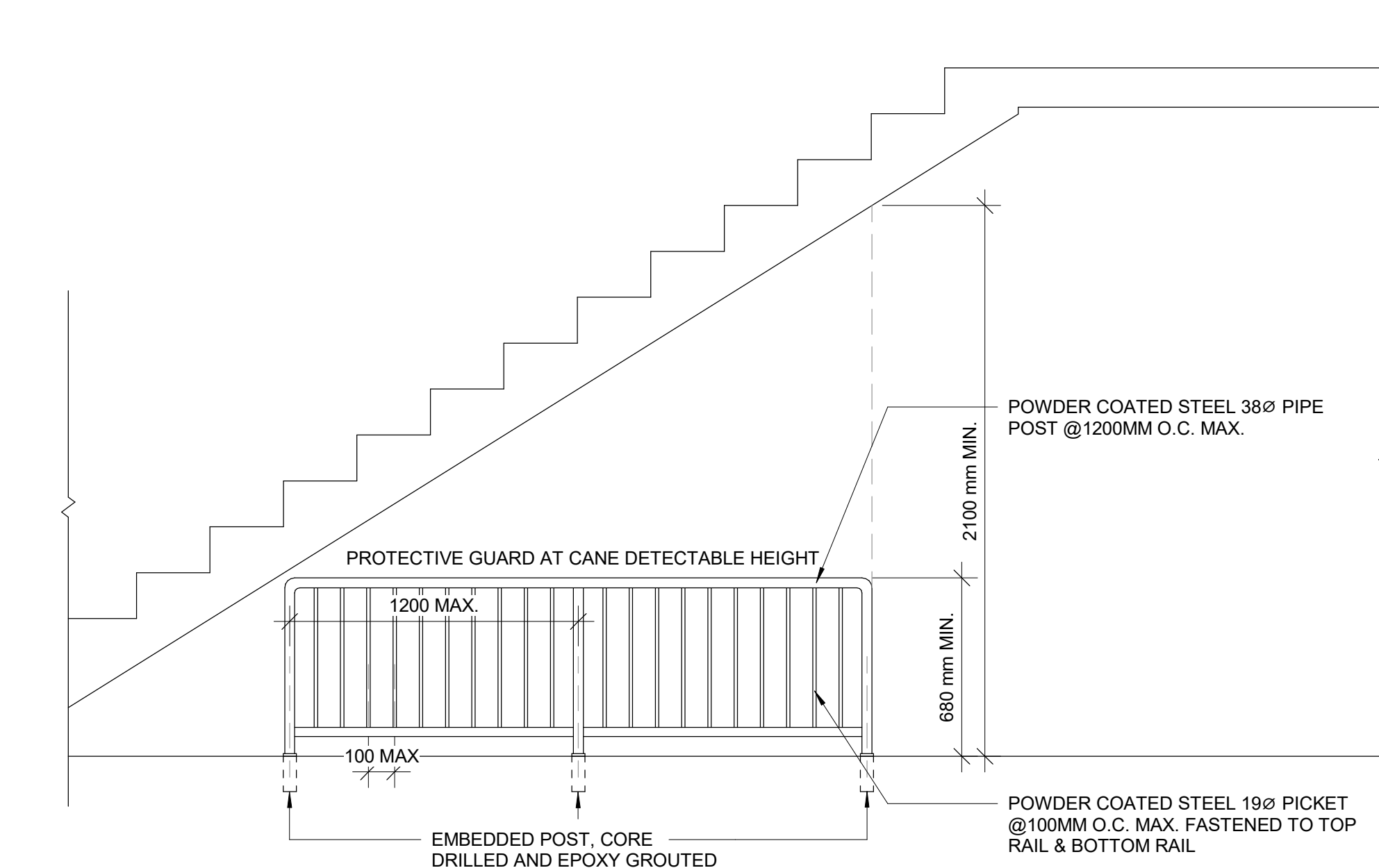
3 HANDRAIL & ADDITION TO EXISTING GUARD
D1401 Scale: 1 : 5



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

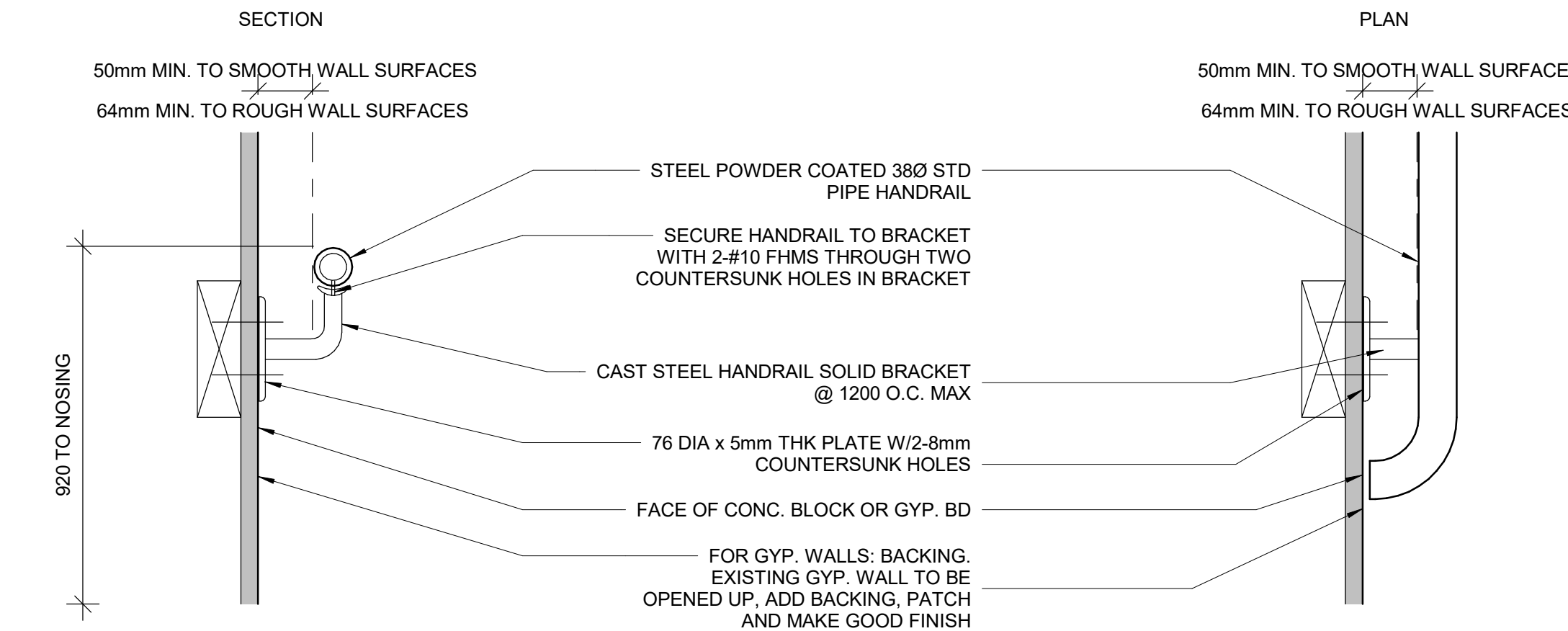


5 EXISTING GUARDRAIL RETROFIT DETAIL
D1401 Scale: 1 : 10



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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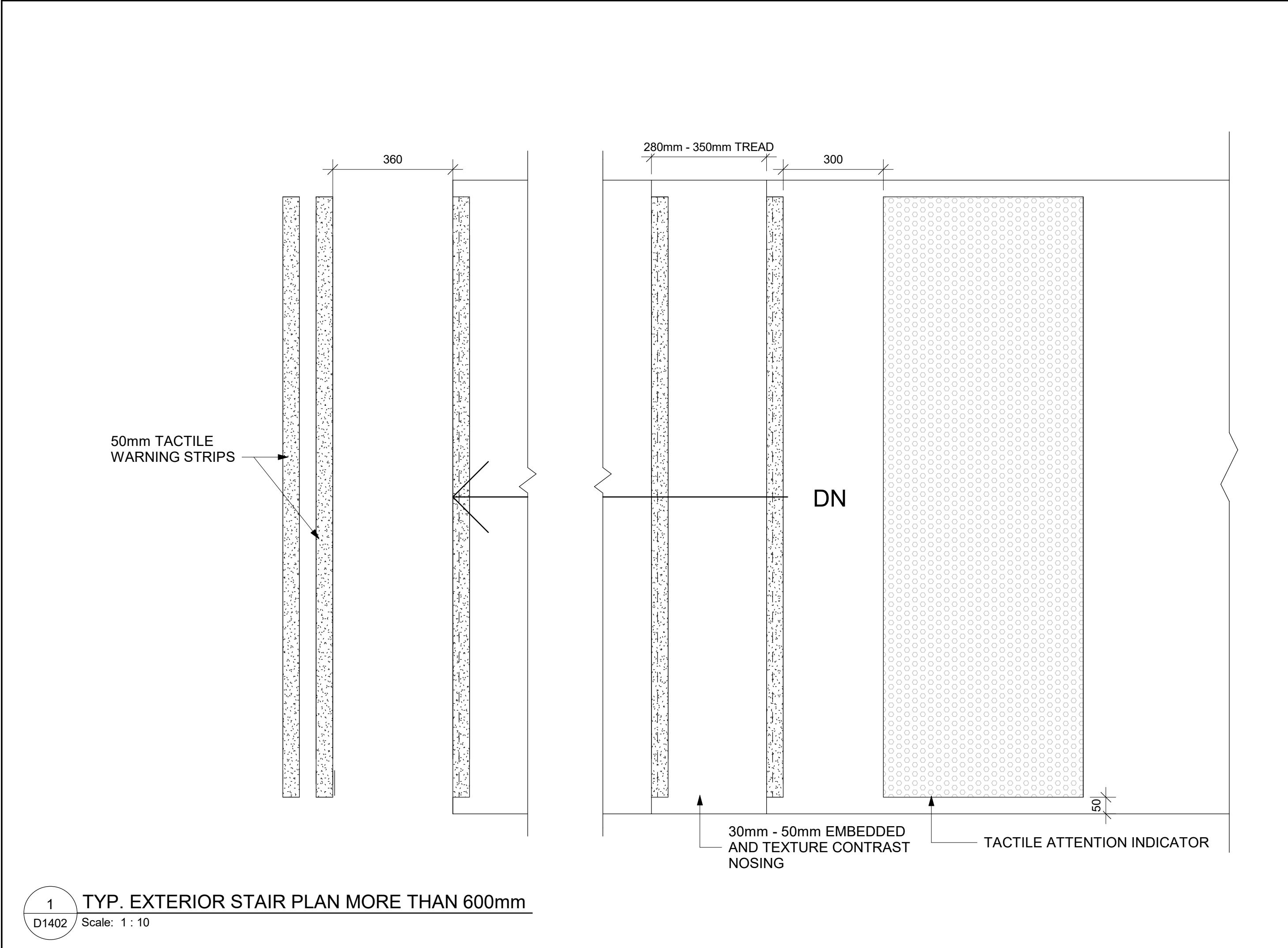
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PROJECT ADDRESS

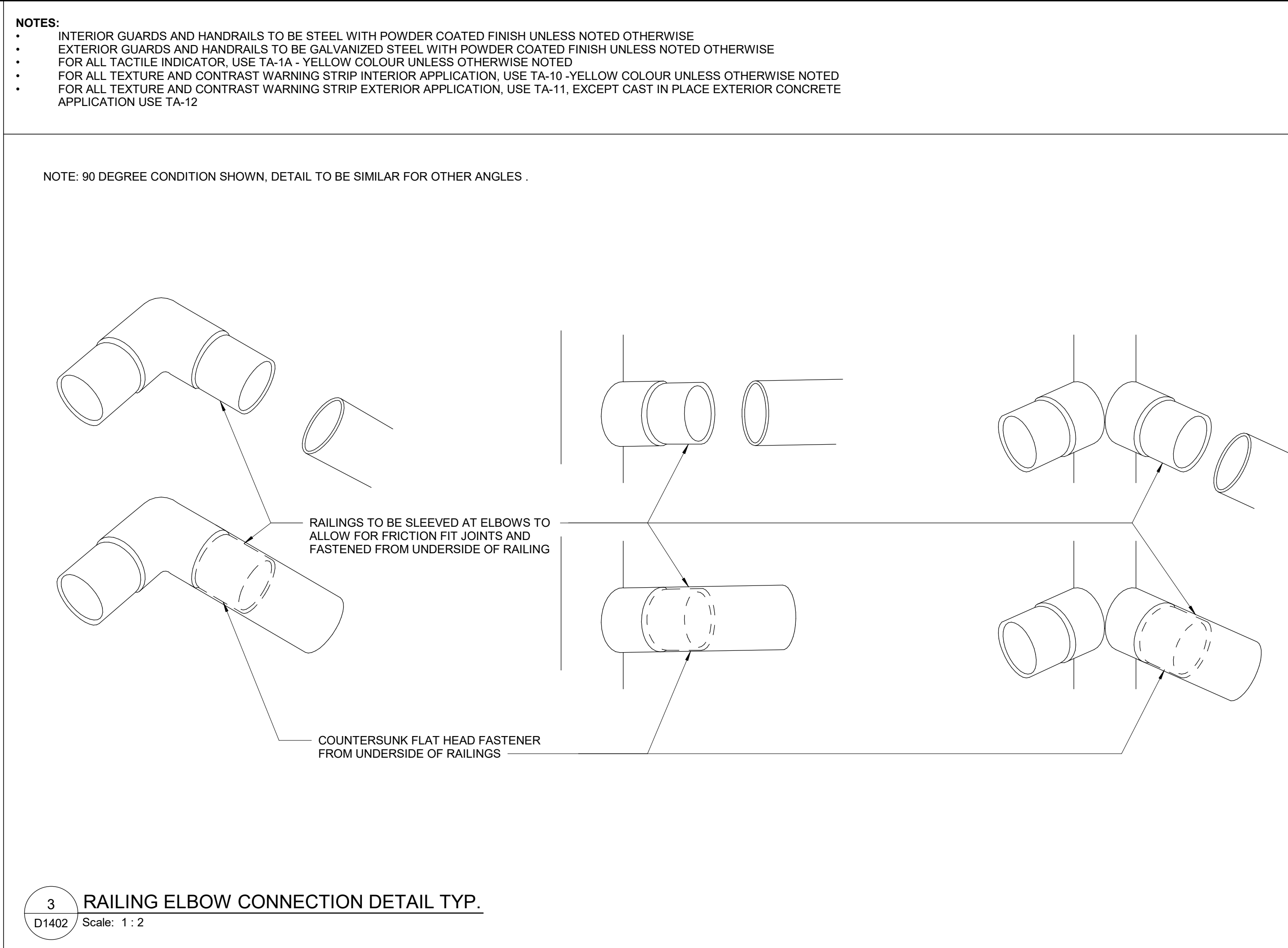
PROJECT NO:
9119- 19- 0162 / Arcadis 30279056
DRAWN BY:
A. BOYNARIAN
PROJECT MGR:
F. BOLOURIAN
CHECKED BY:
K. TILAHUN
APPROVED BY:
E. FENUITA

SHEET TITLE
STAIR DETAILS - 01

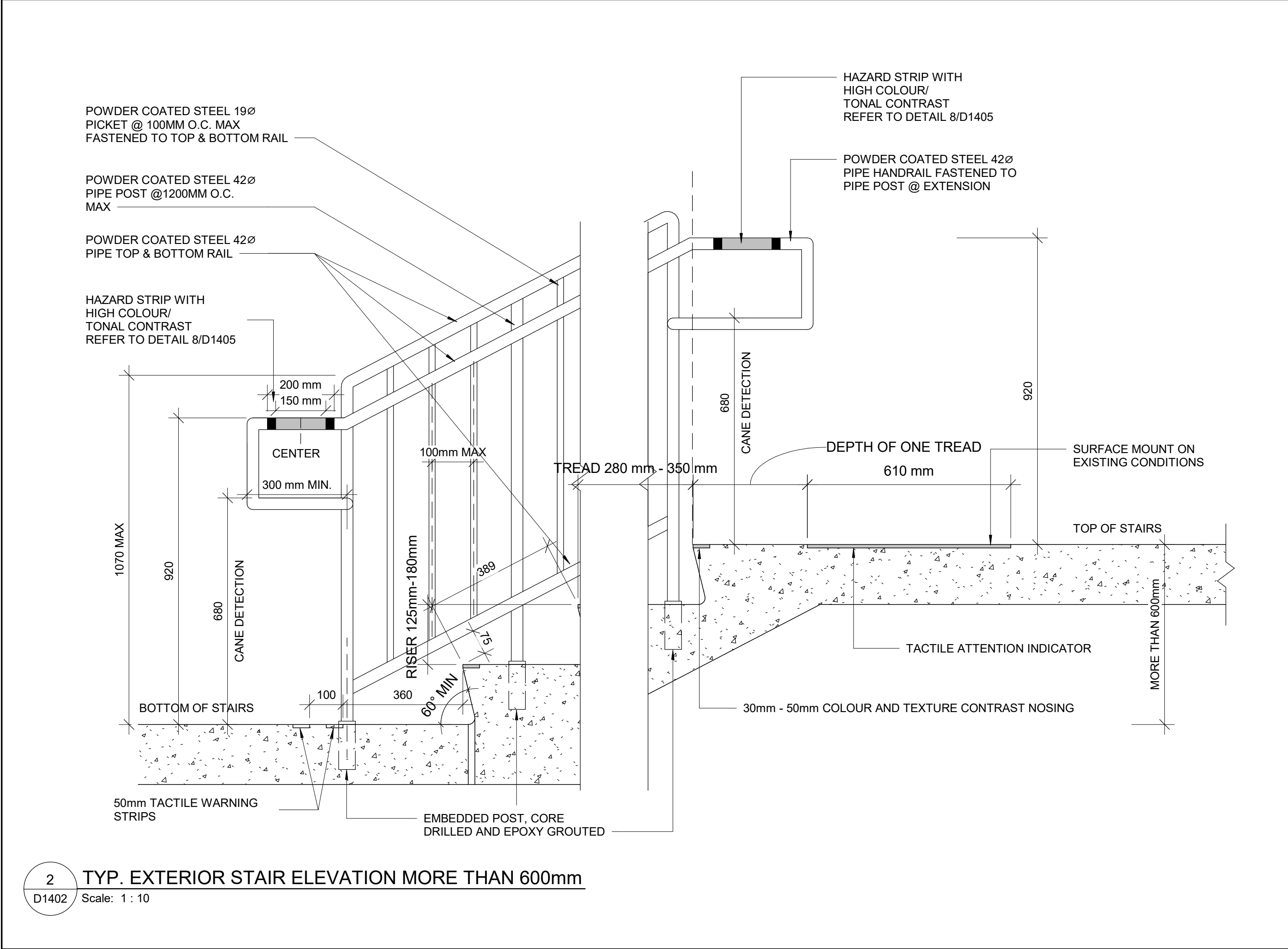
SHEET NUMBER
D1401
ISSUE
A



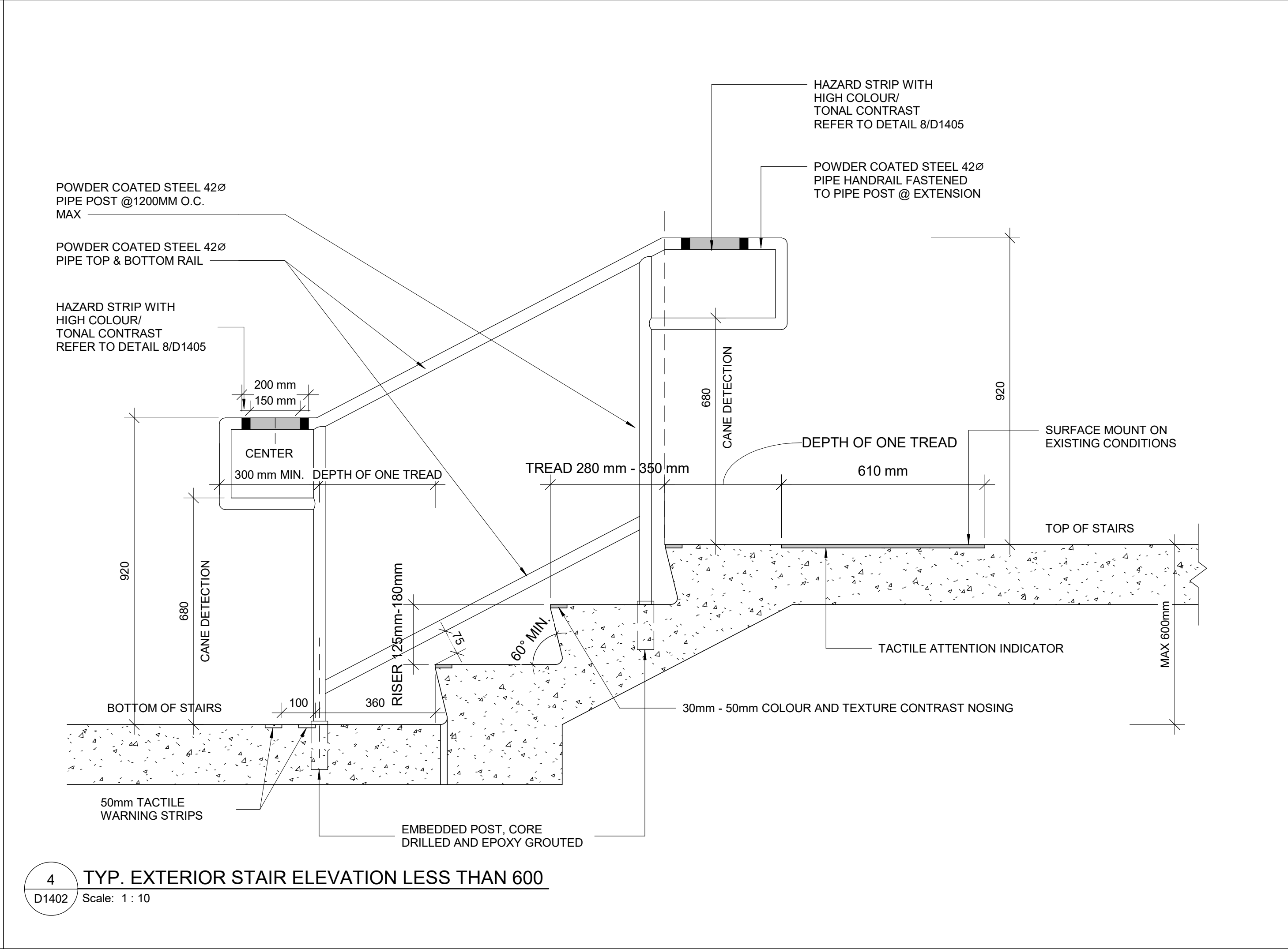
1 TYP. EXTERIOR STAIR PLAN MORE THAN 600mm
D1402 Scale: 1 : 10



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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SHEET TITLE
STAIR DETAILS - 02

SHEET NUMBER D1402	ISSUE A
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- 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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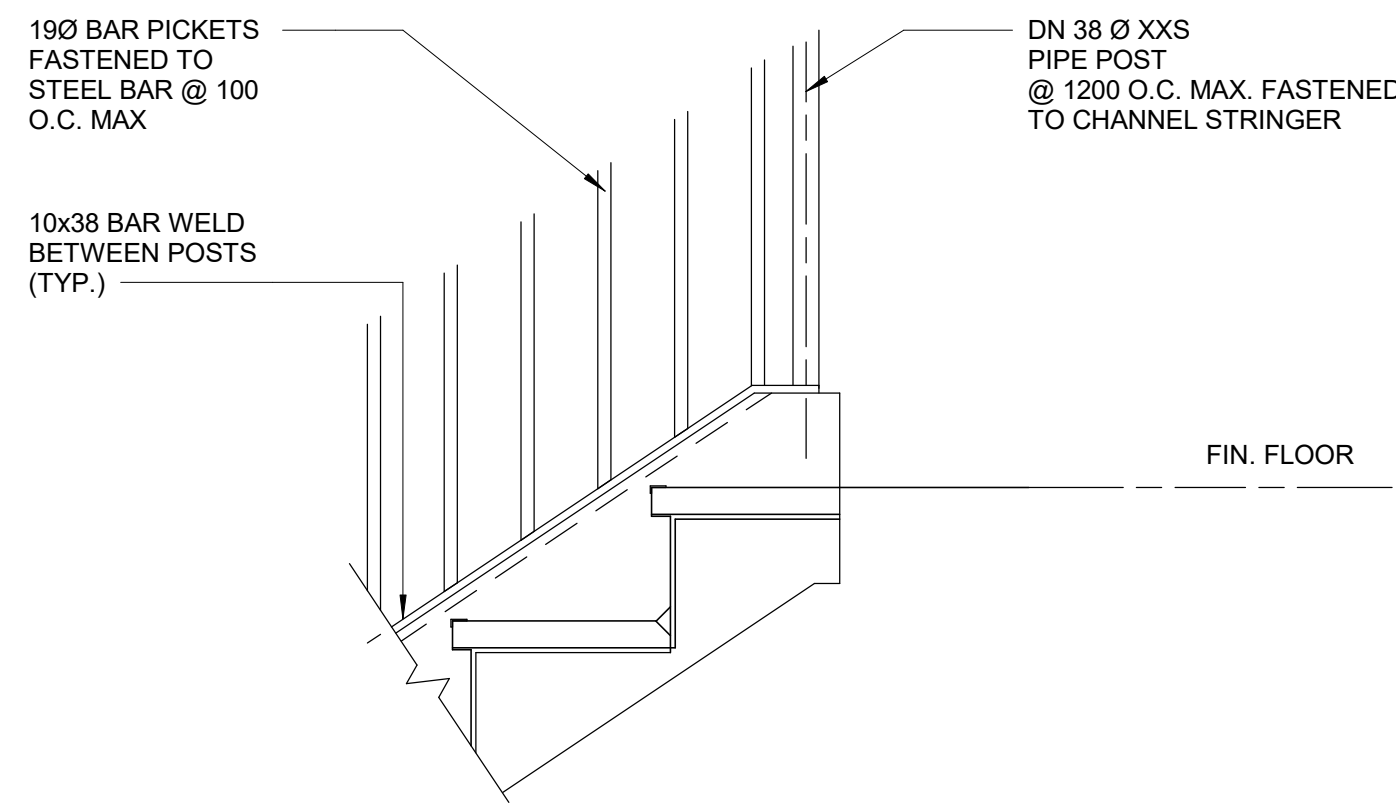
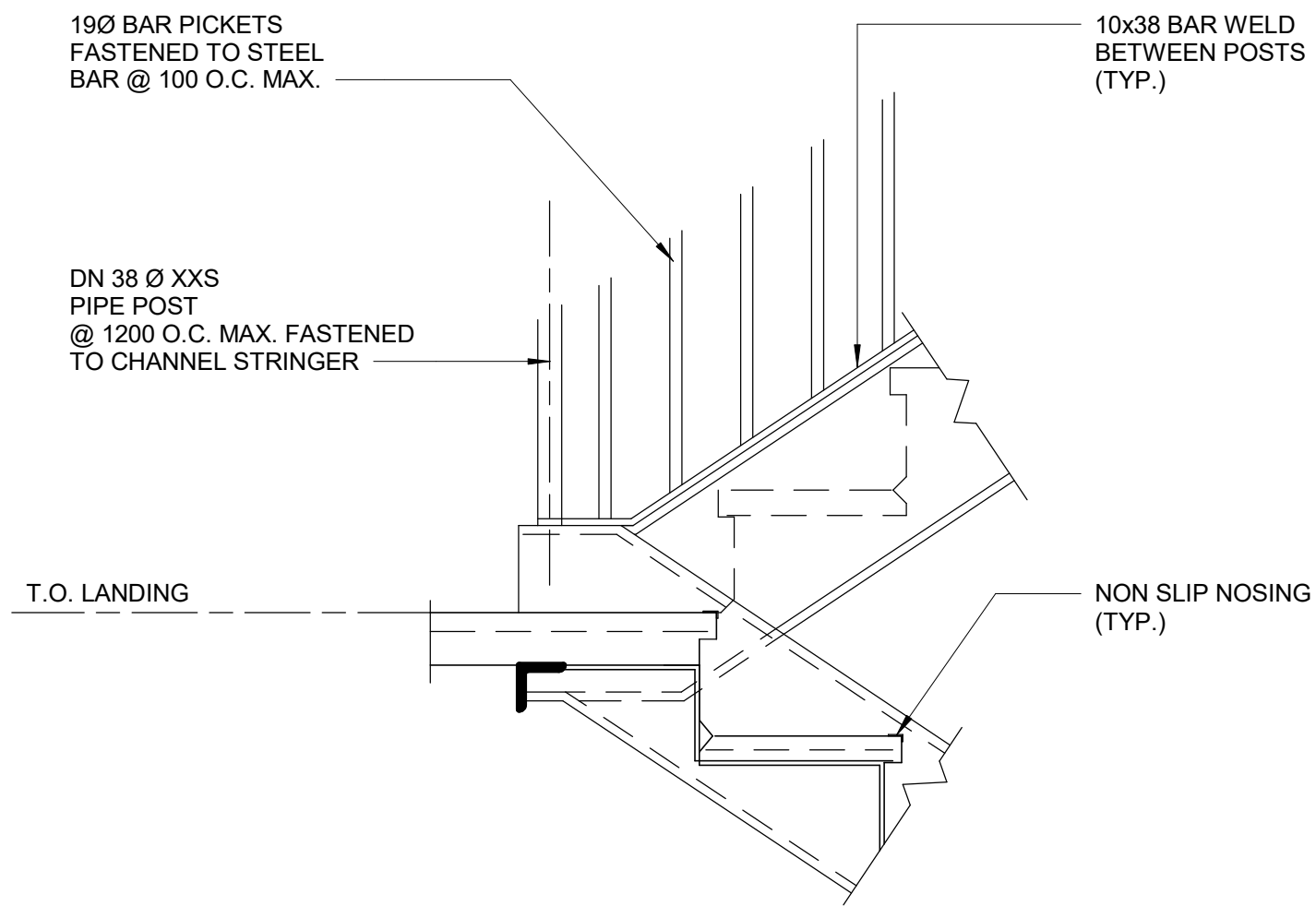
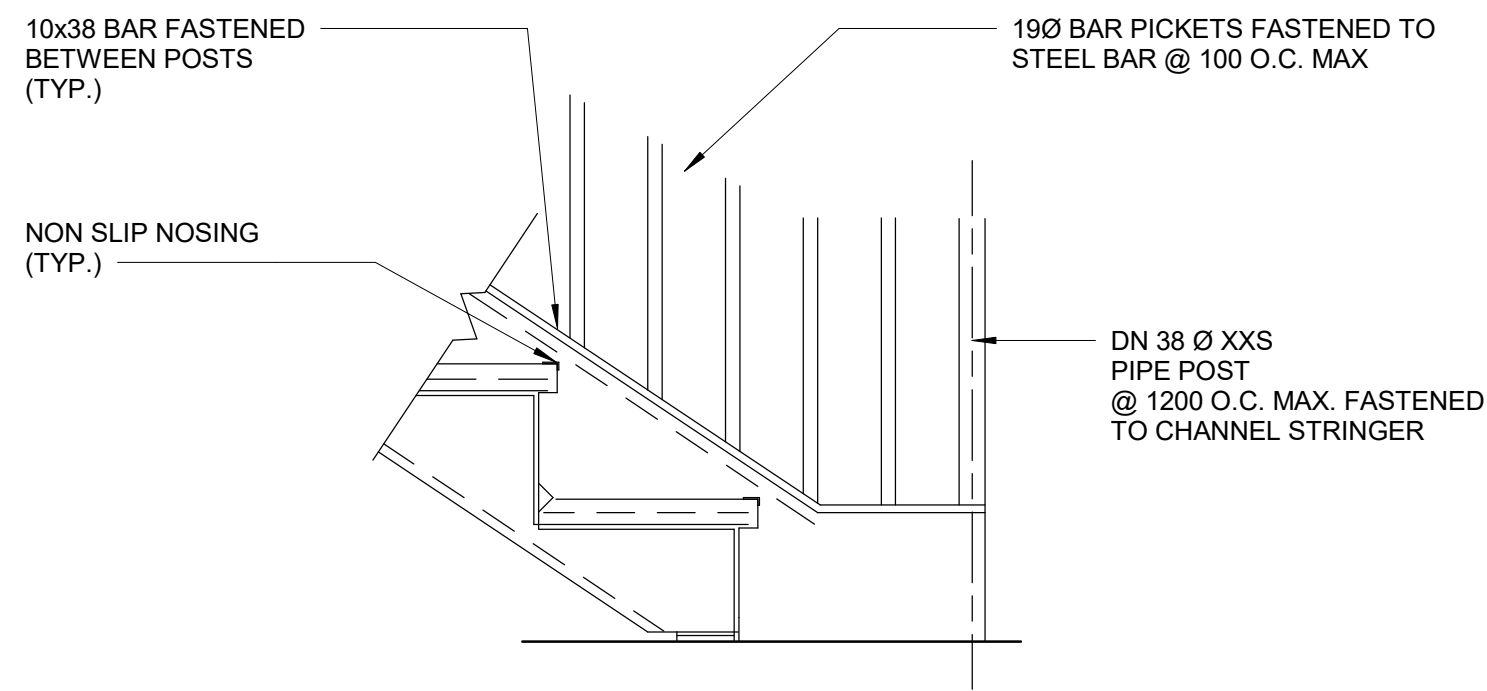
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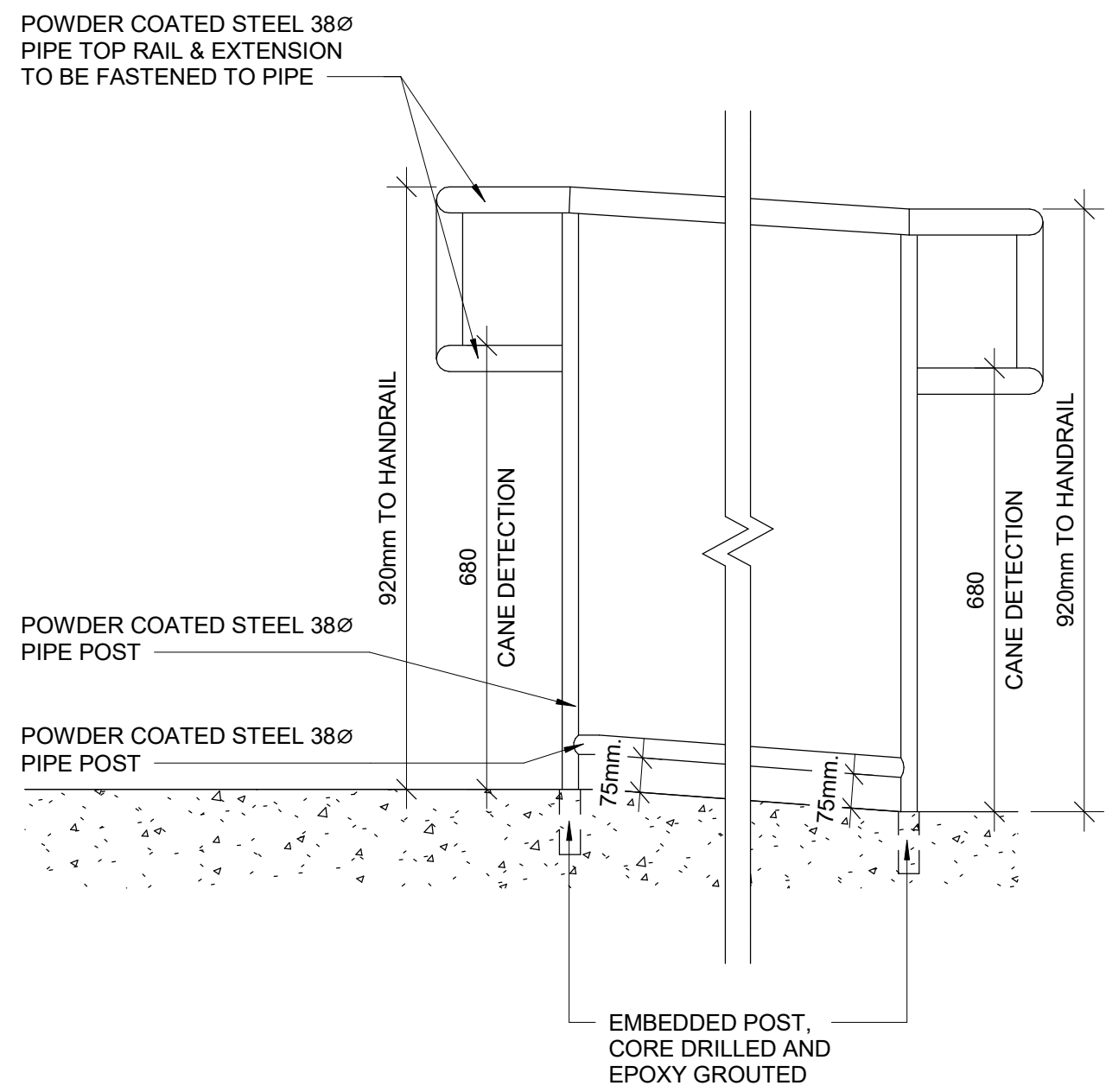
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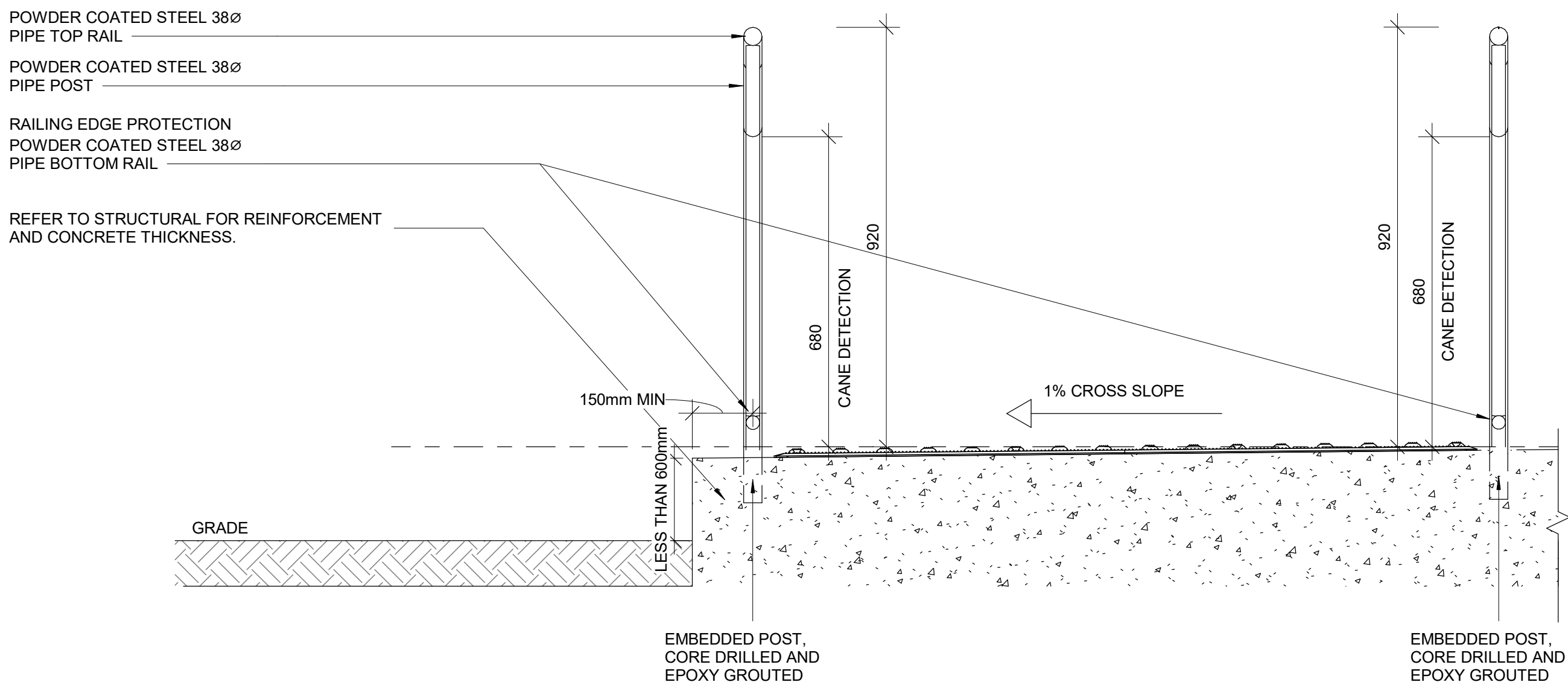
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No.	DESCRIPTION	DATE
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1 TYP. GUARDRAIL CONNECTION DETAIL AT STEEL STRINGER
D1403 Scale: 1 : 10



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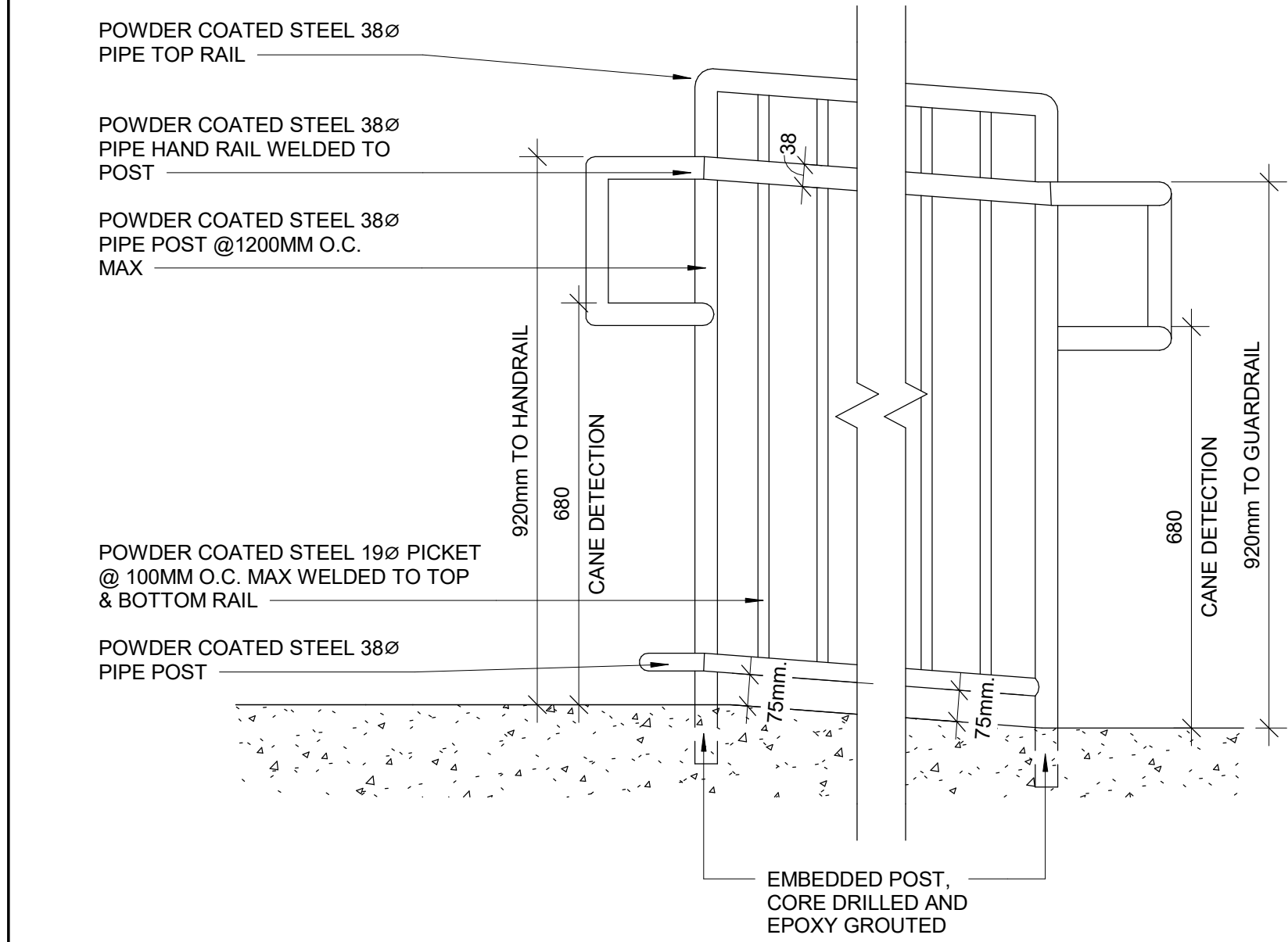
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PROJECT MGR: F. BOLOURIAN	APPROVED BY: E. FENUTA

SHEET TITLE
RAMP DETAILS - 01

SHEET NUMBER
D1403

ISSUE
A

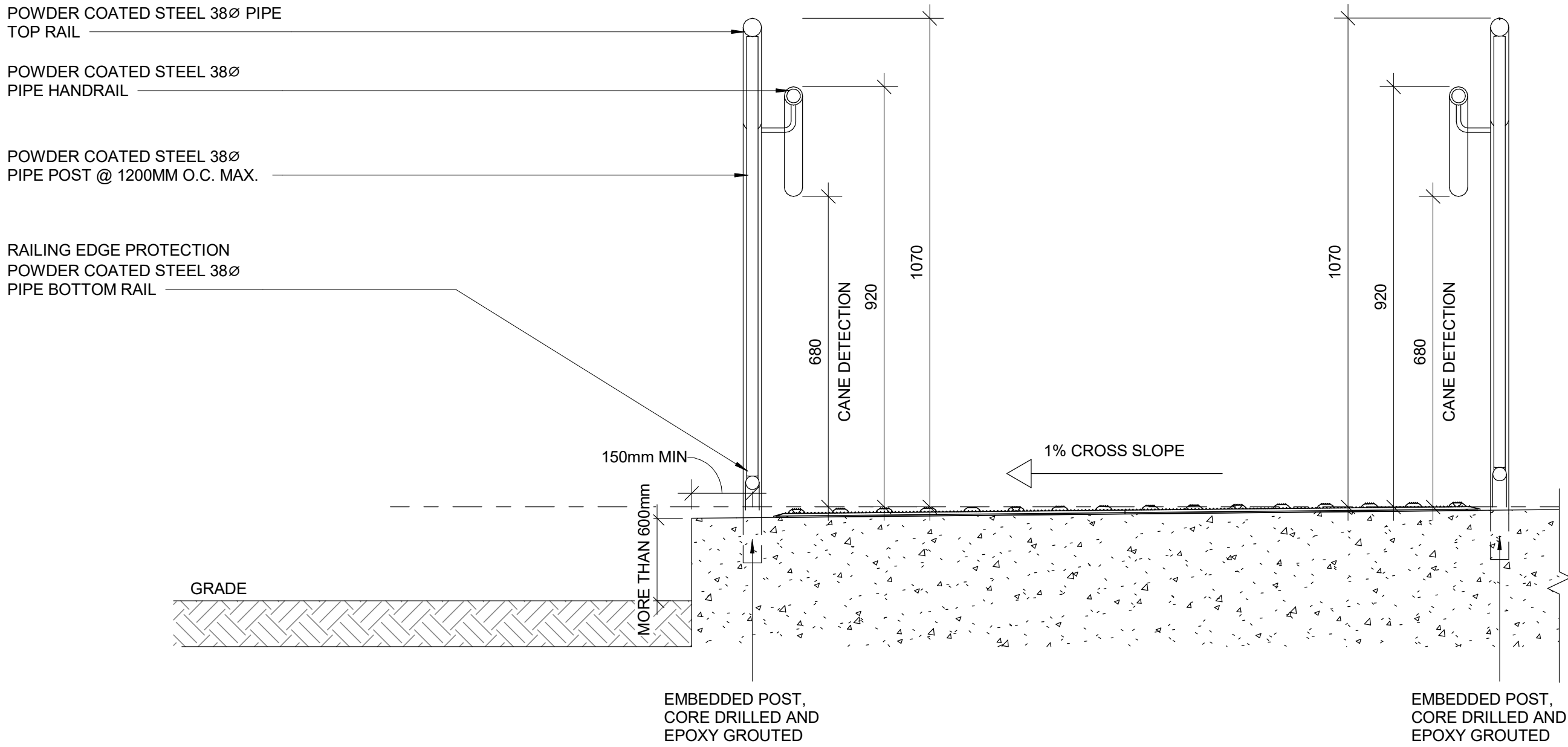
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1 ELEVATION OF GUARDRAIL FOR RAMP AT GRADE DIFFERENCE MORE THAN 600 MM
D1404 Scale: 1 : 10

2025-04-11 10:38:53 AM

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



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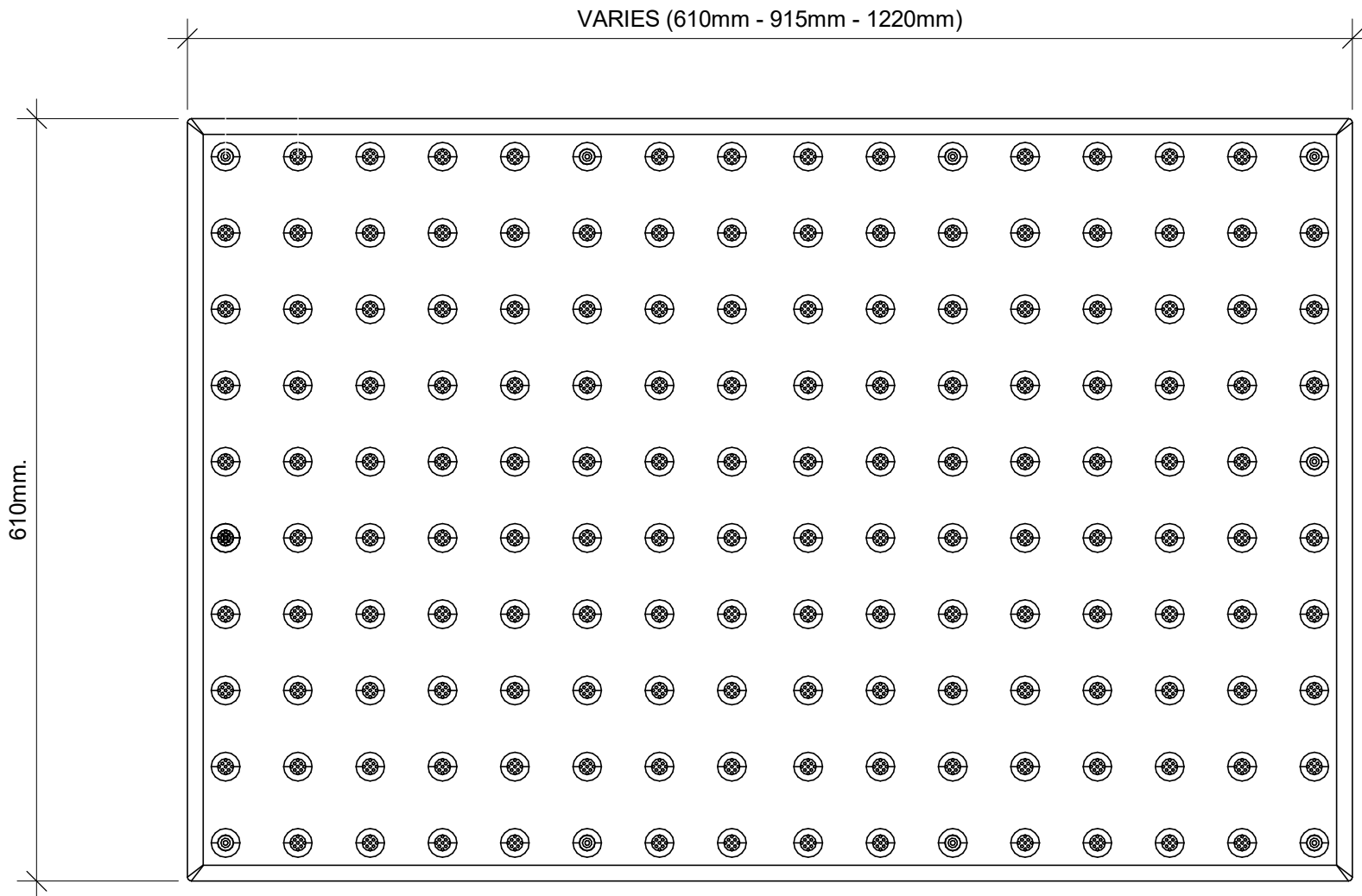
DRAWN BY: A. BOYNARIAN	CHECKED BY: K. TILAHUN
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SHEET TITLE
RAMP DETAILS - 02

SHEET NUMBER D1404	ISSUE A
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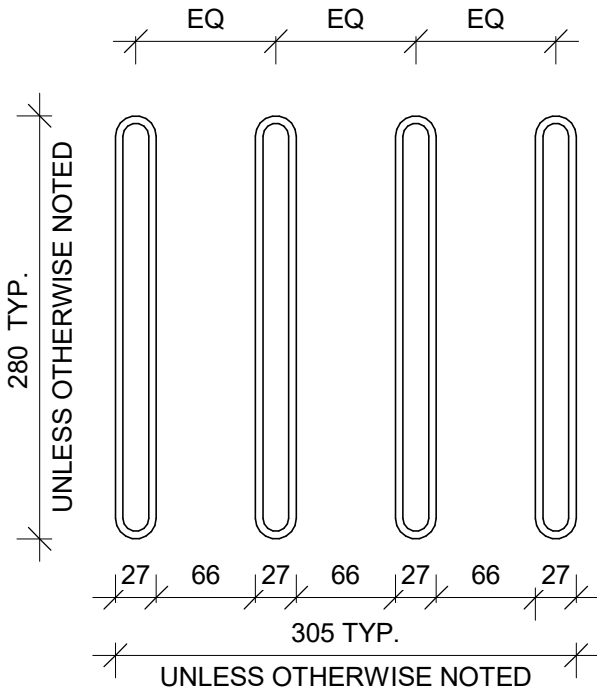
10mm
SCALE CHECK
1 in

TA - 1a
EXTERIOR AND INTERIOR APPLICATION



1 TACTILE ATTENTION INDICATOR
D1405 / Scale: 1 : 5

TA-8
INTERIOR APPLICATION

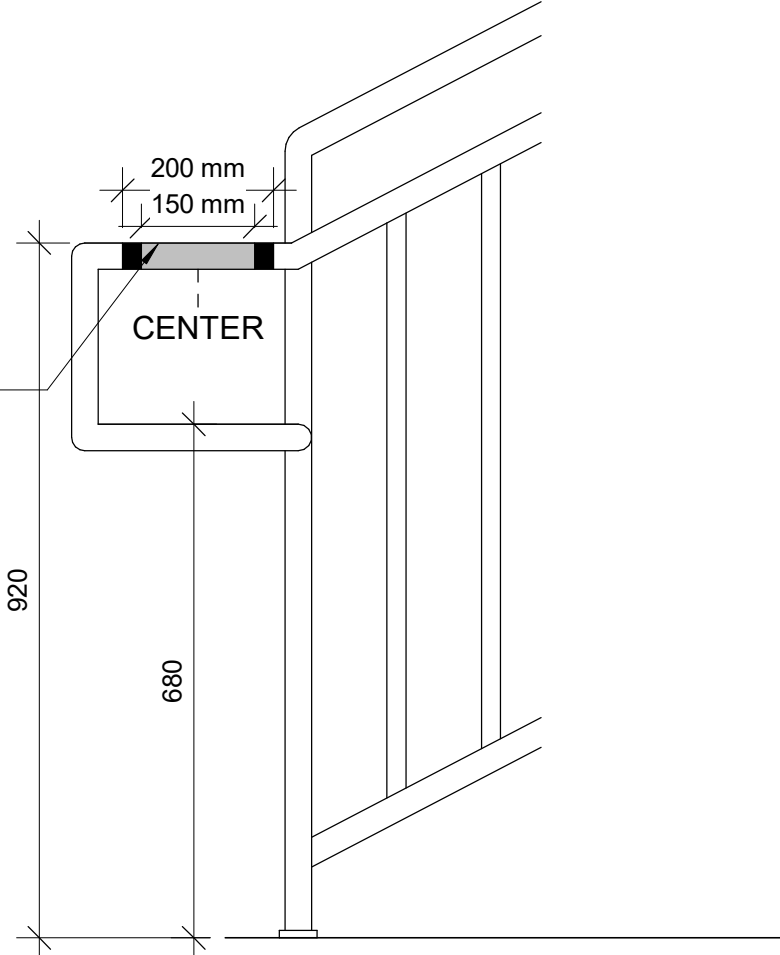


2 GUIDANCE BARS PLAN
D1405 / Scale: 1 : 5

RESERVED

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

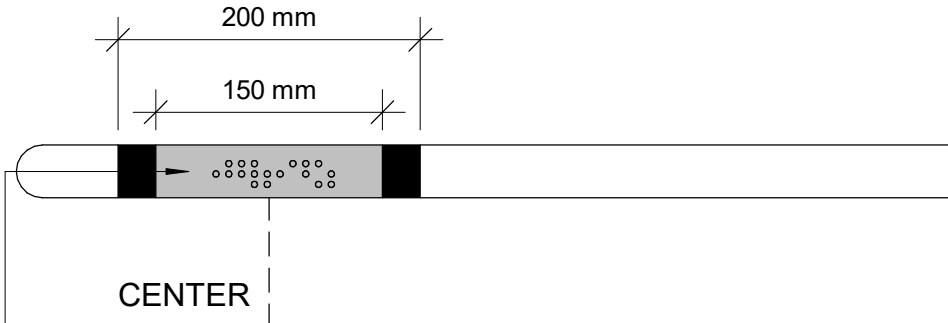
BRAILLE INDICATES FLOOR
LEVEL AND NUMBER ON TOP
OF RAILING. SEE 10/D1405



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

BRAILLE INDICATES FLOOR
LEVEL AND NUMBER ON TOP
OF RAILING.



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

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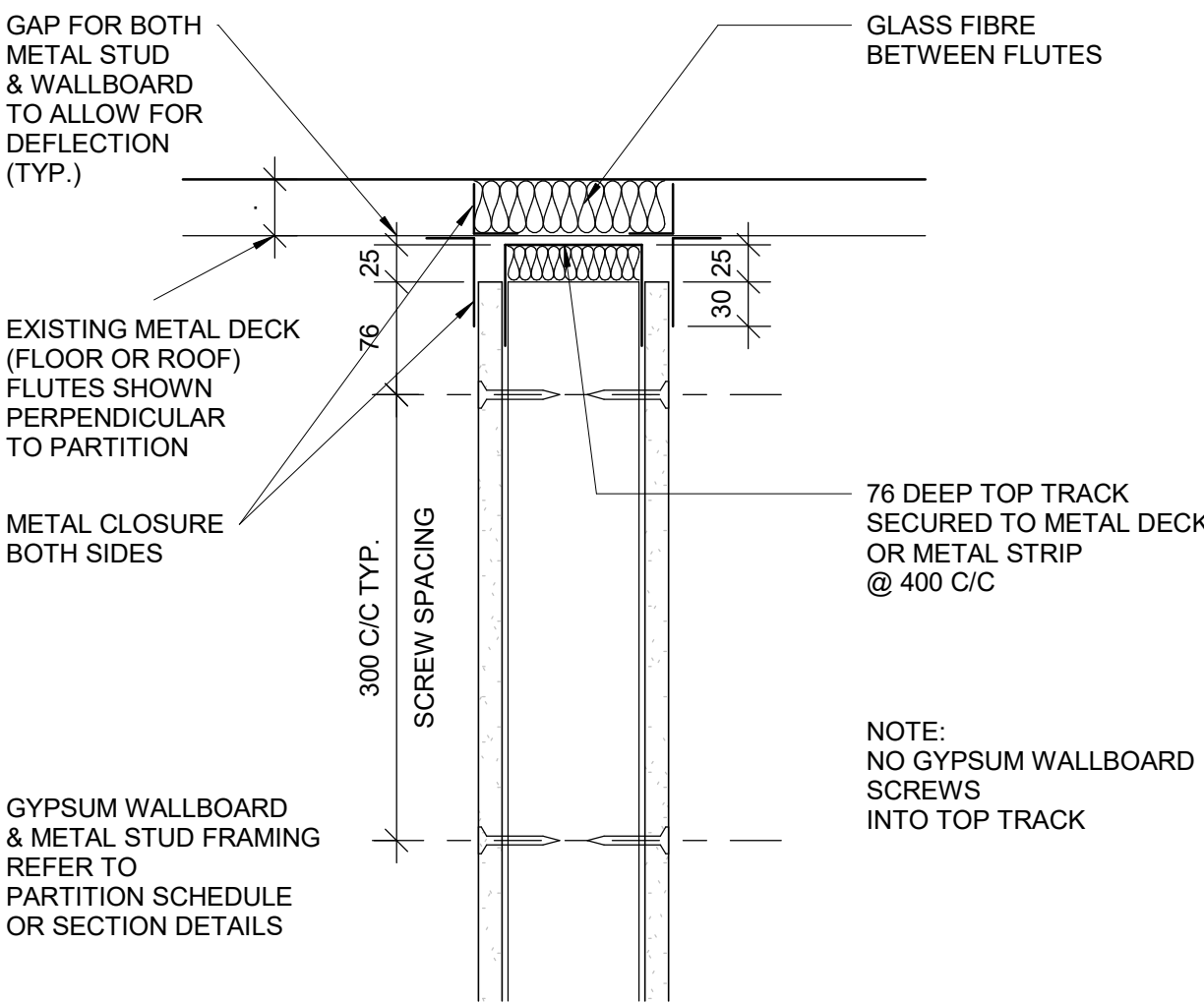
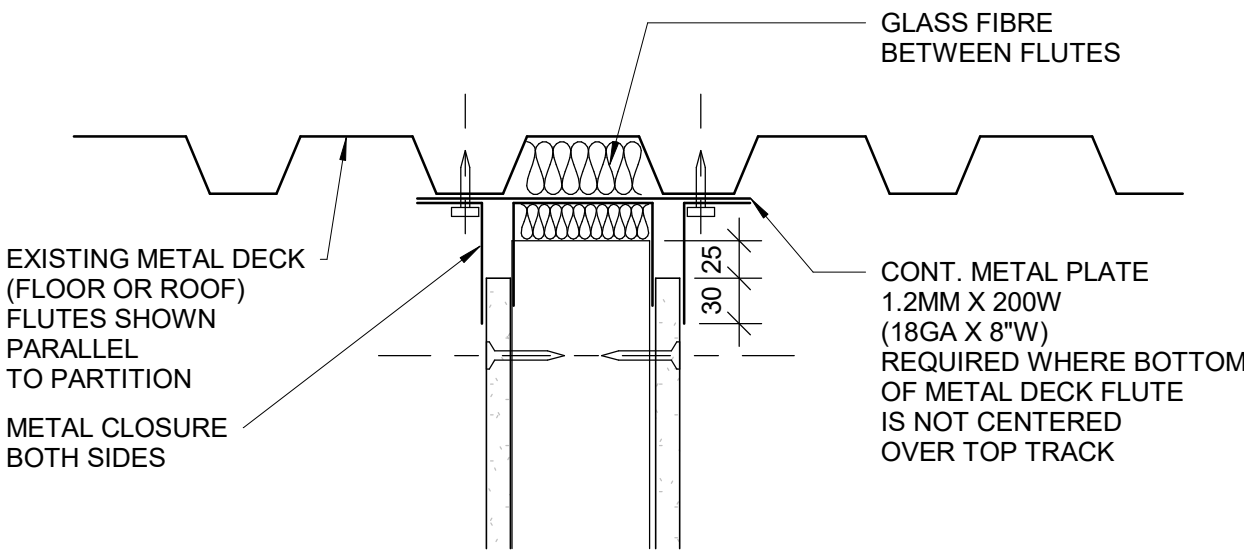
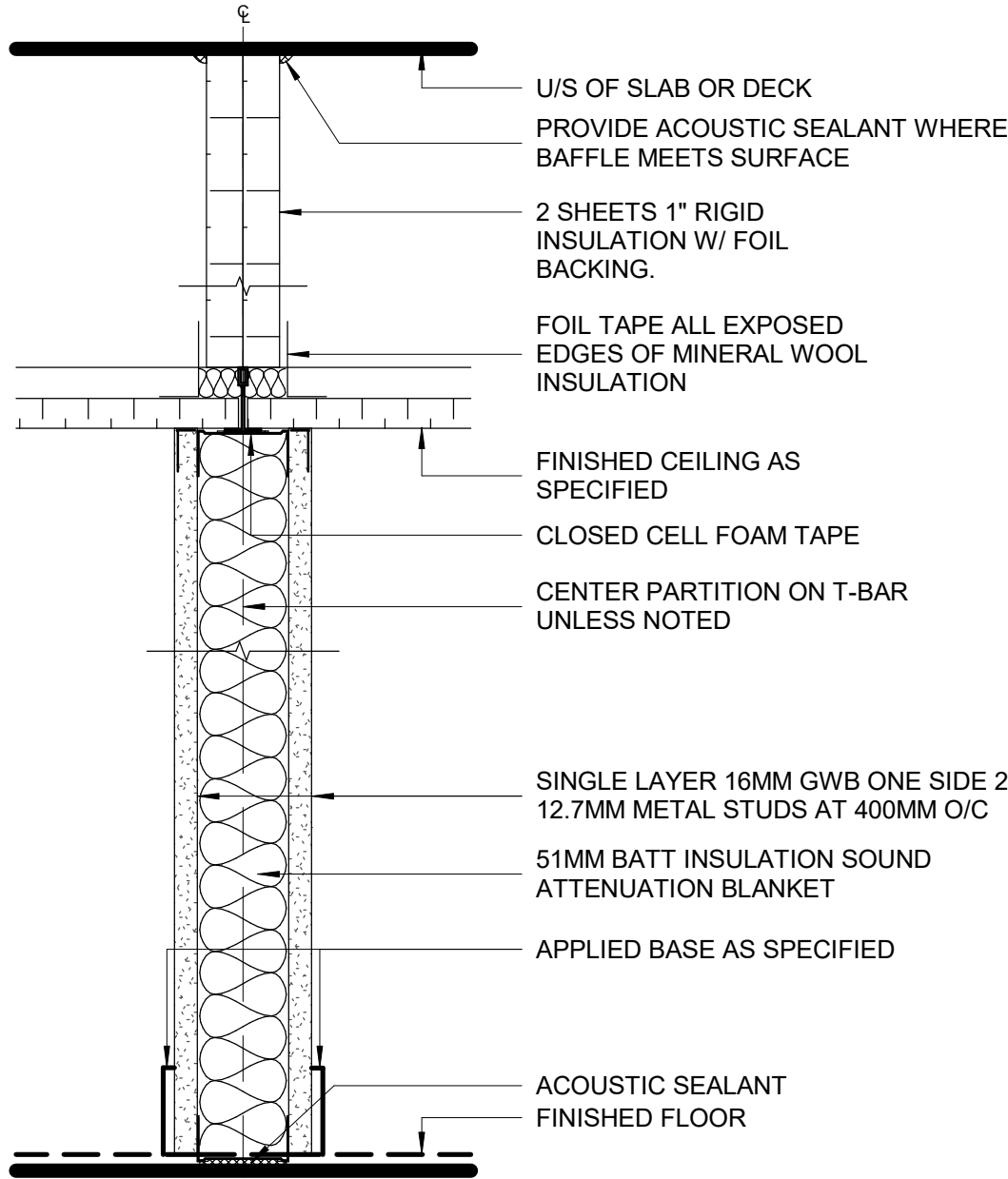
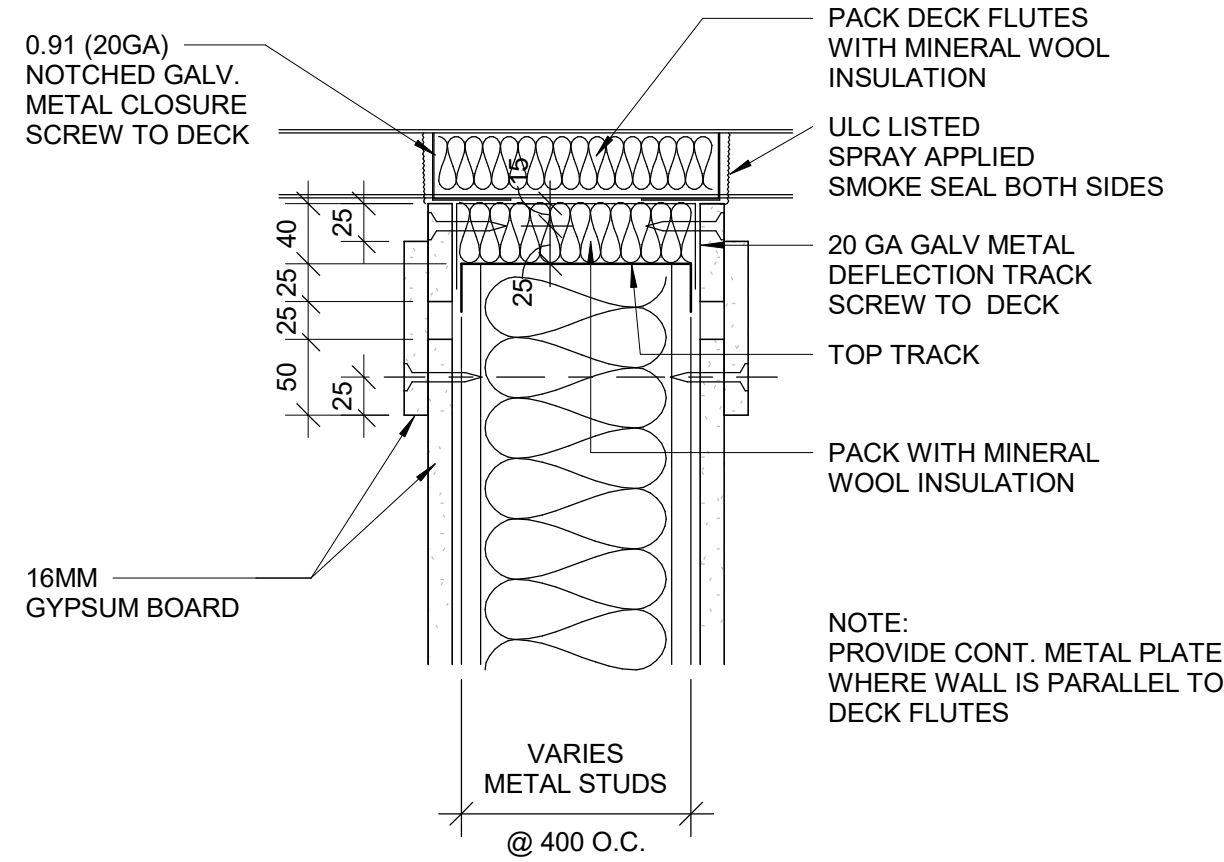
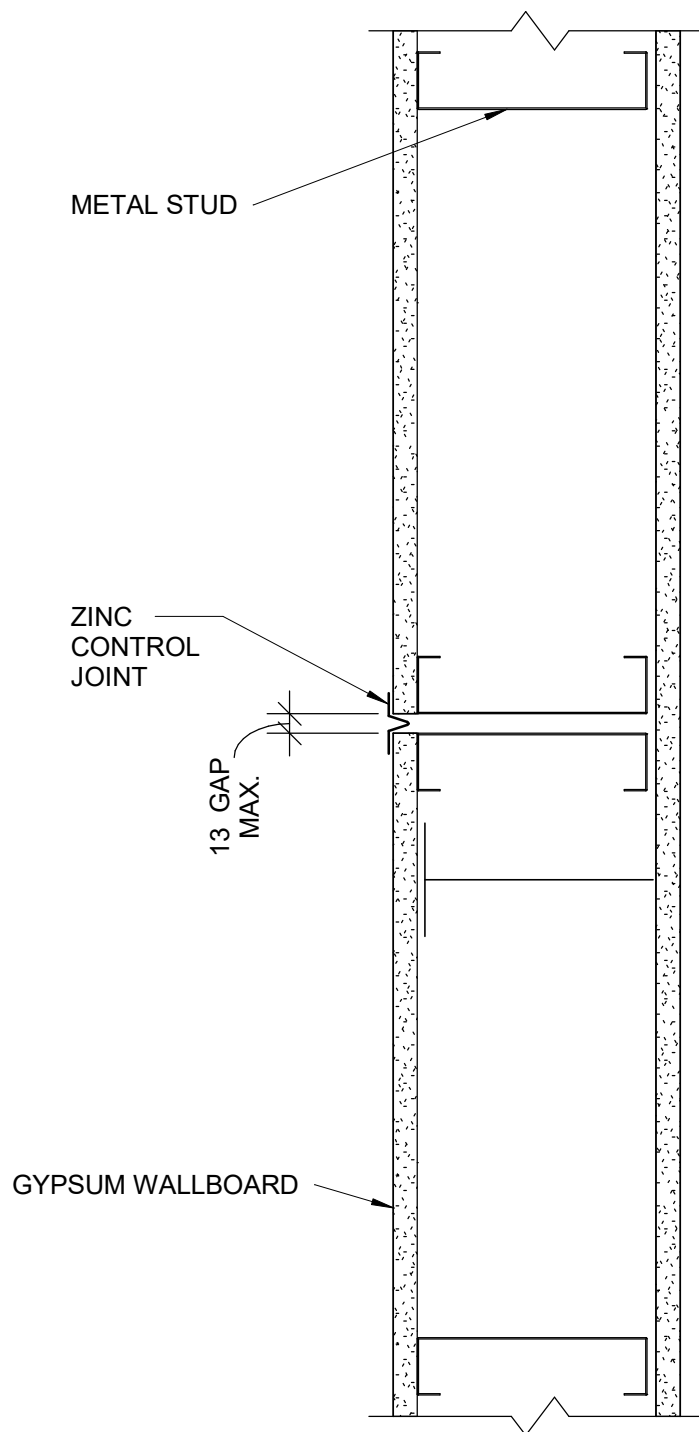
PROJECT MGR:
F. BOLOURIAN

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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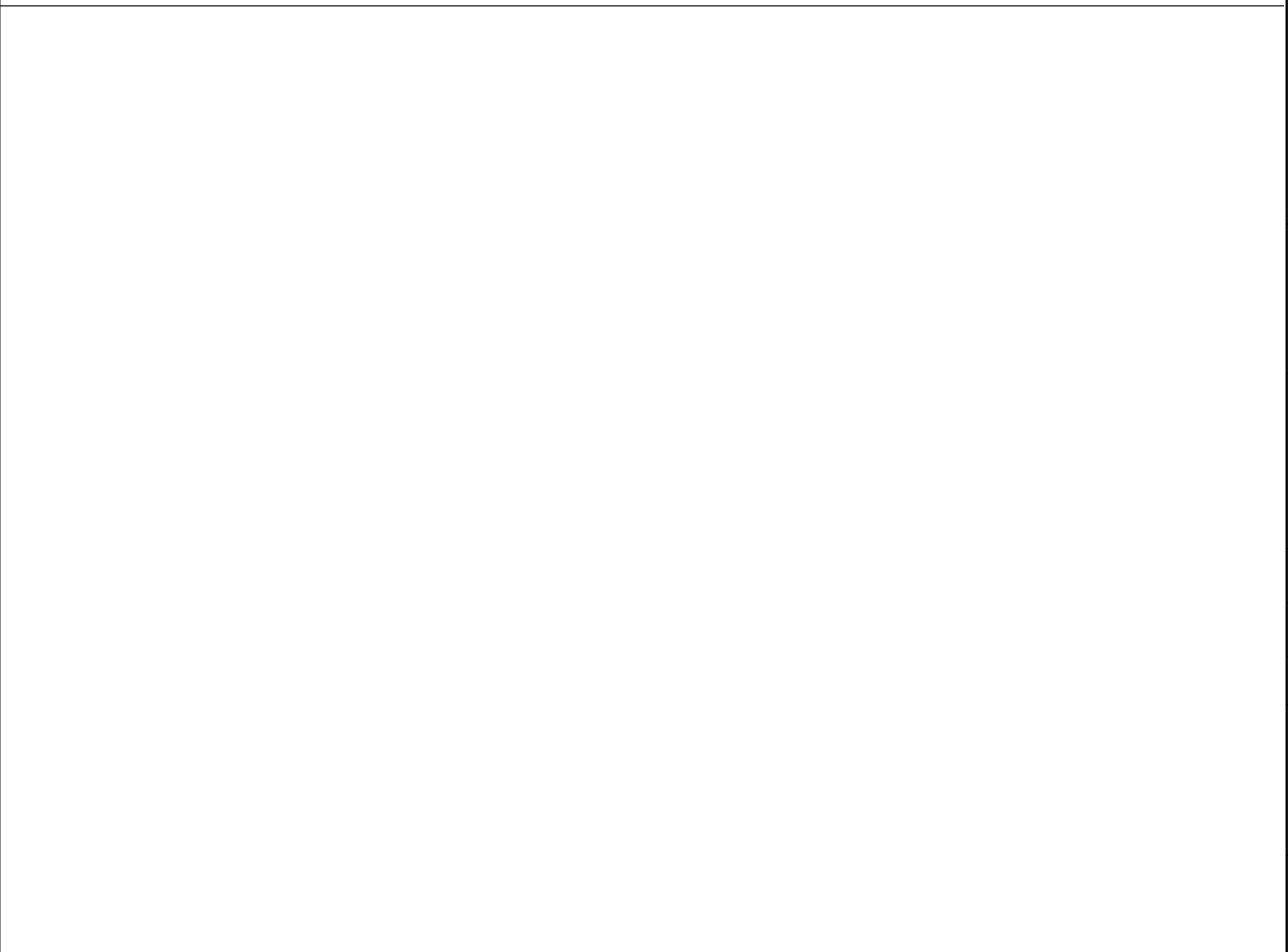
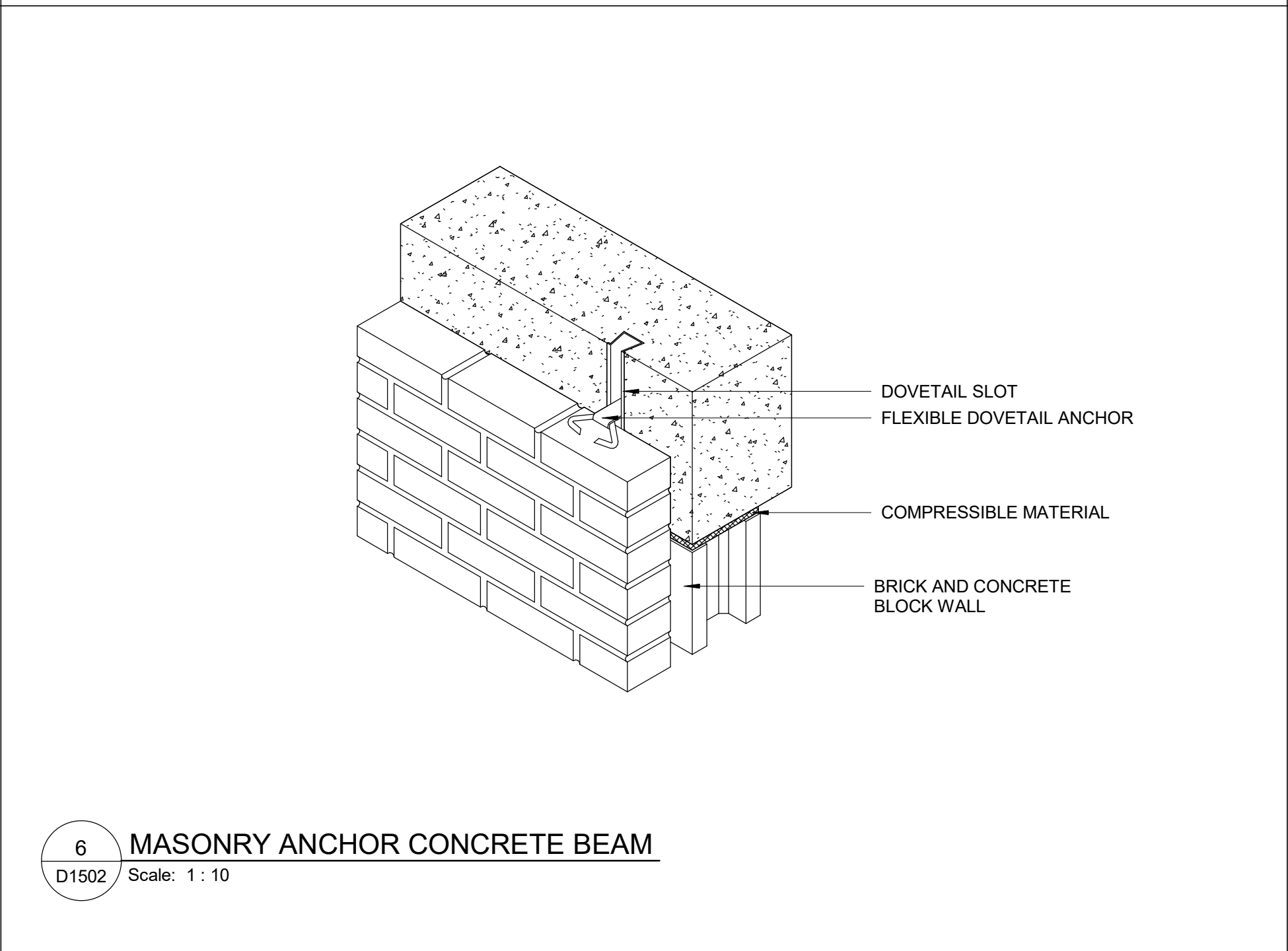
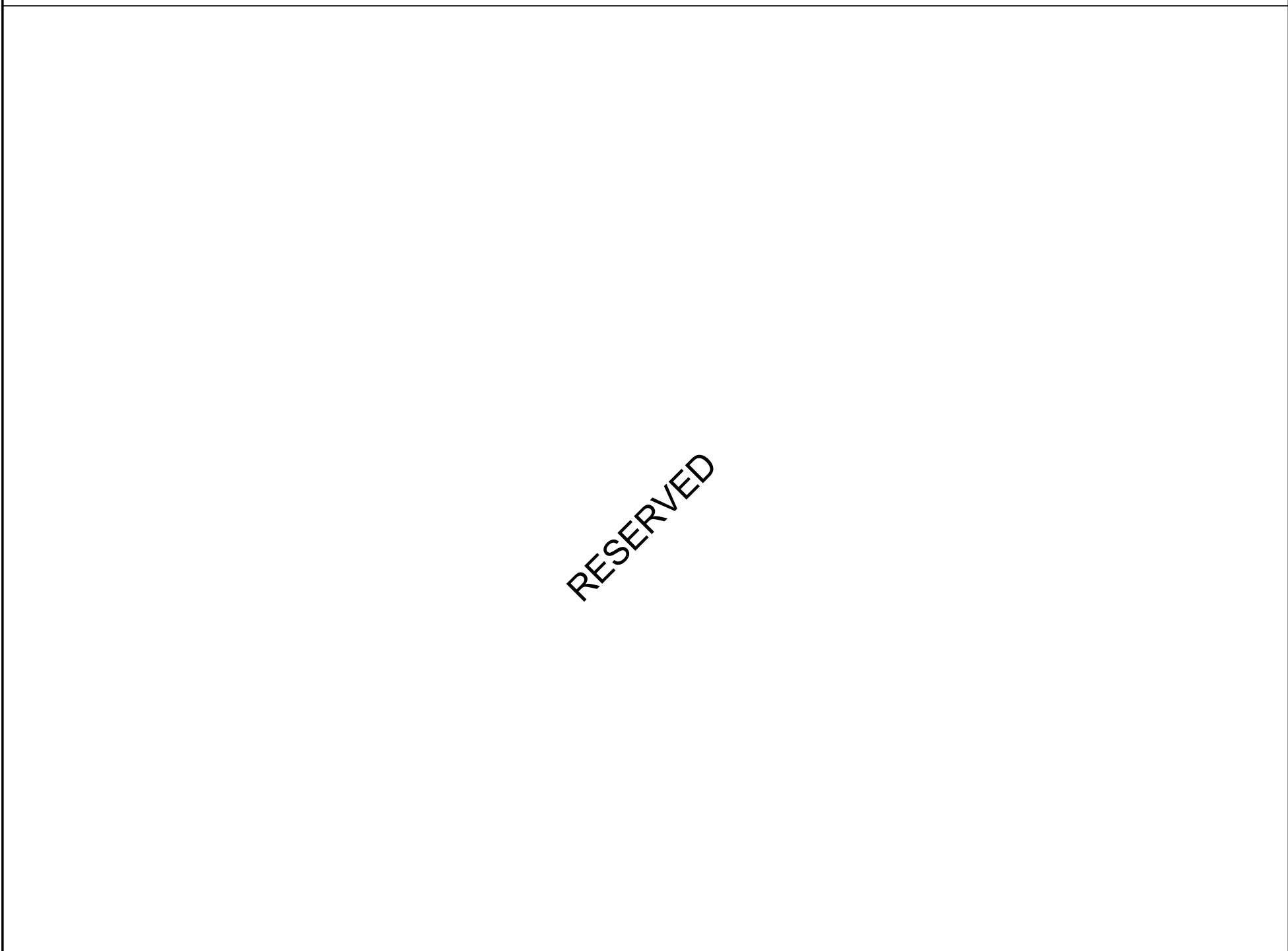
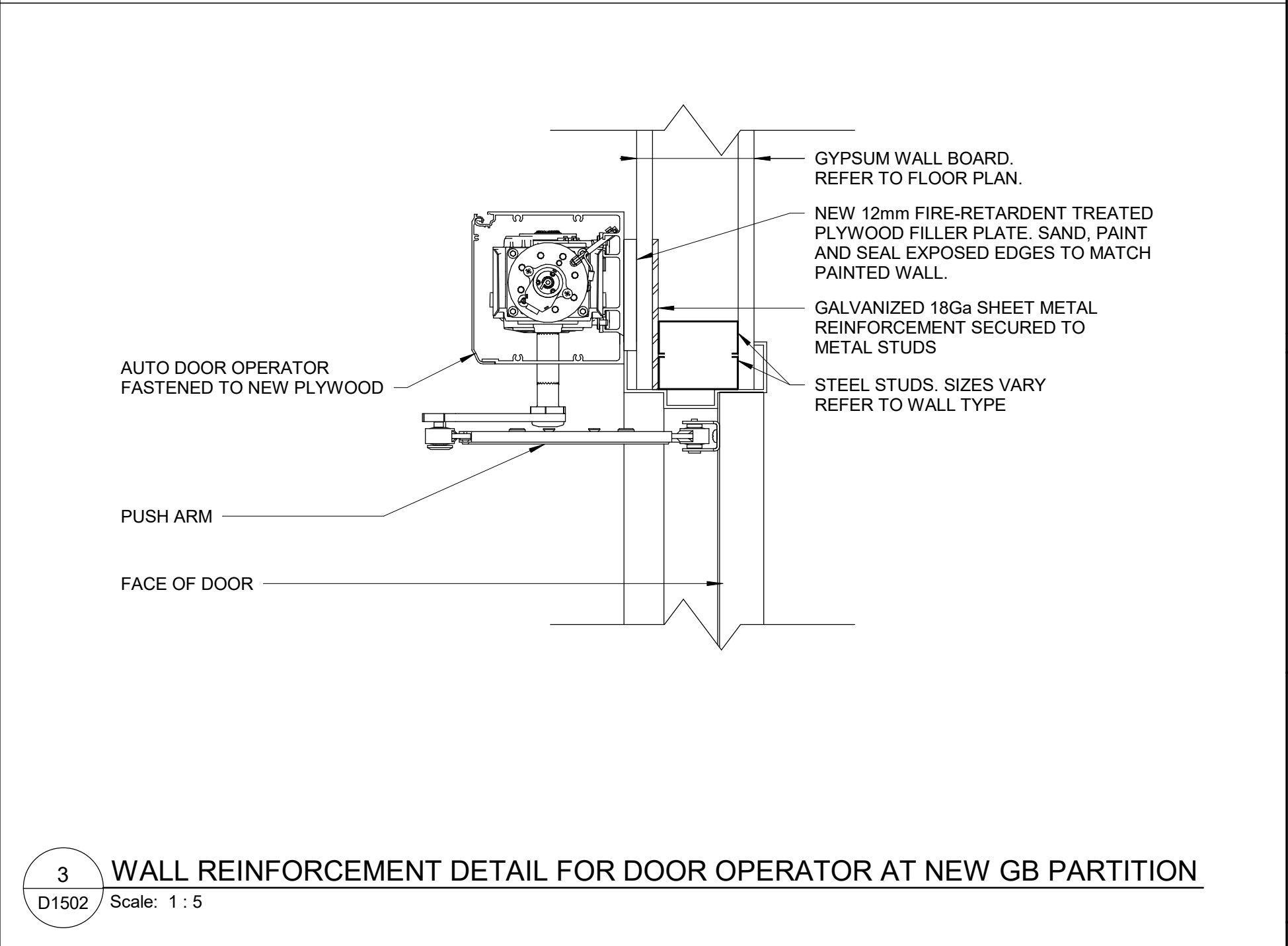
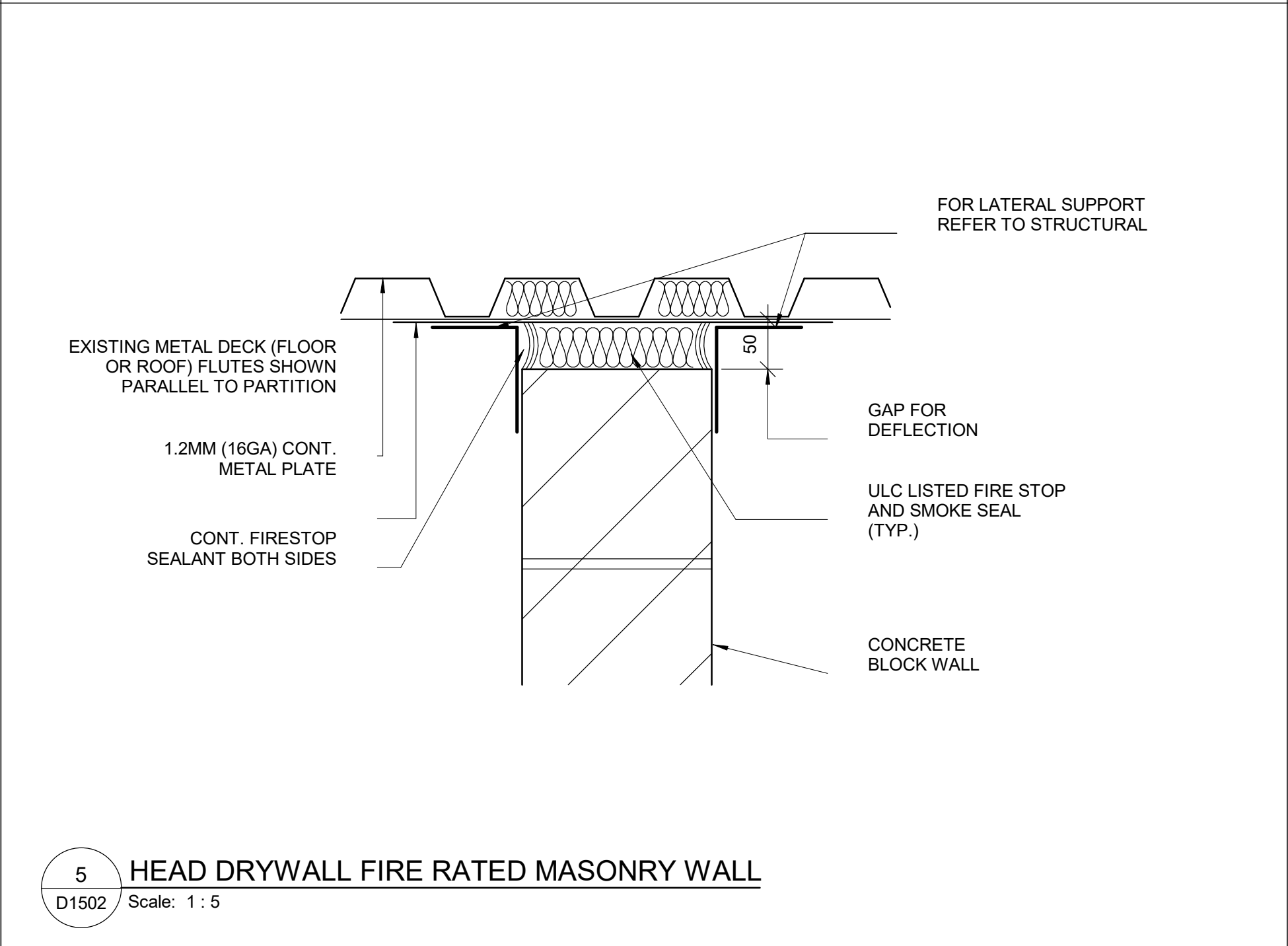
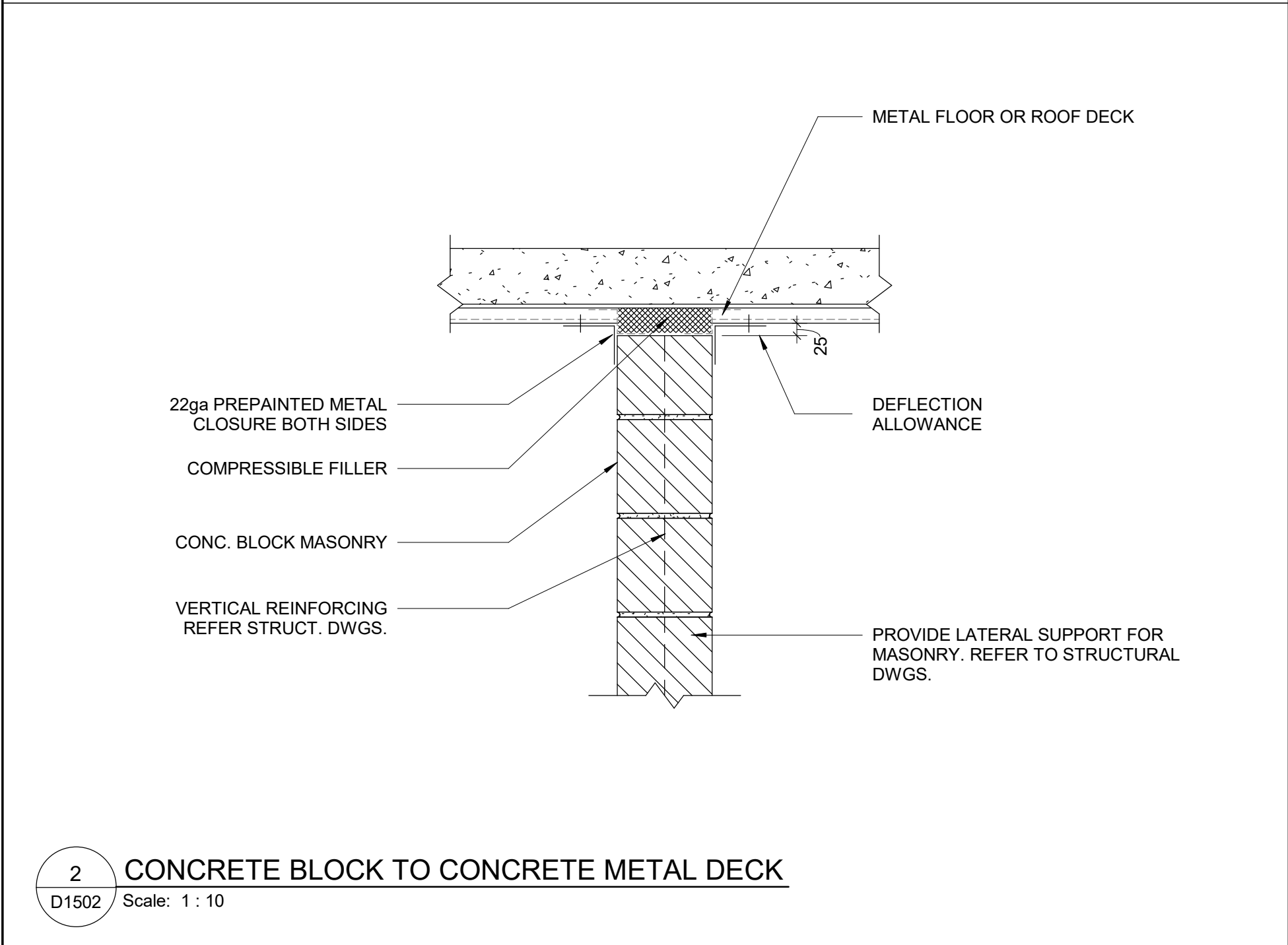
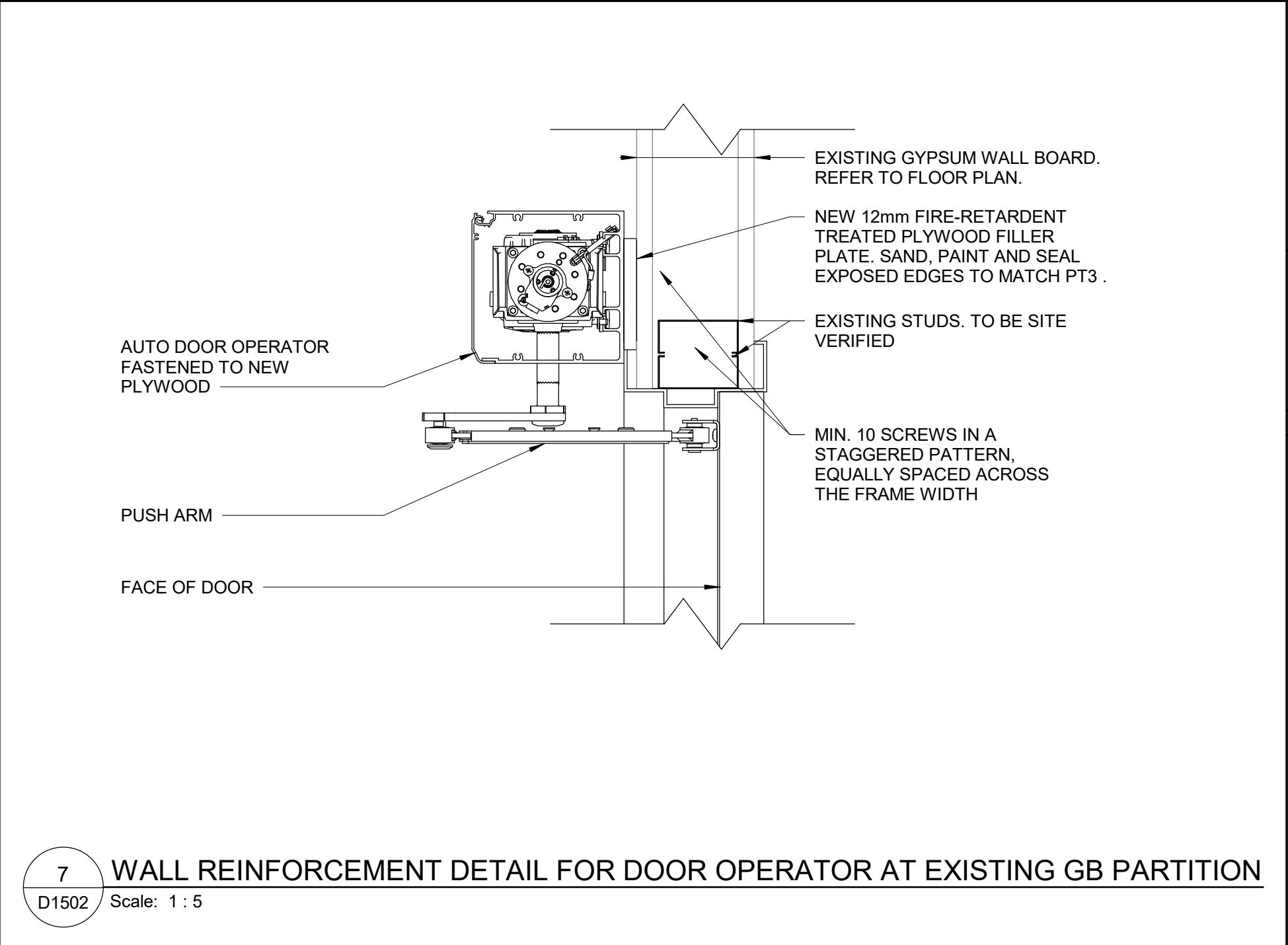
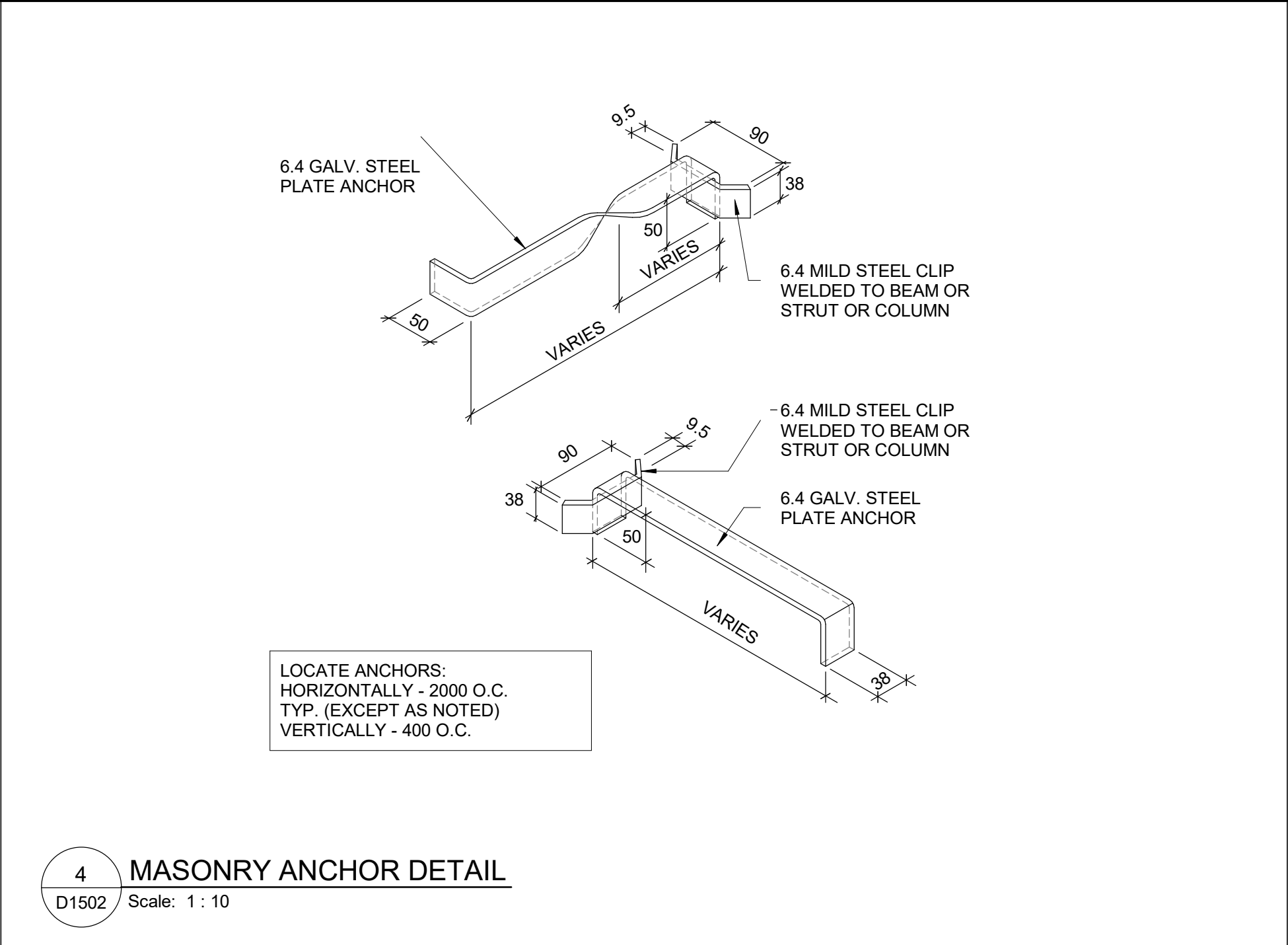
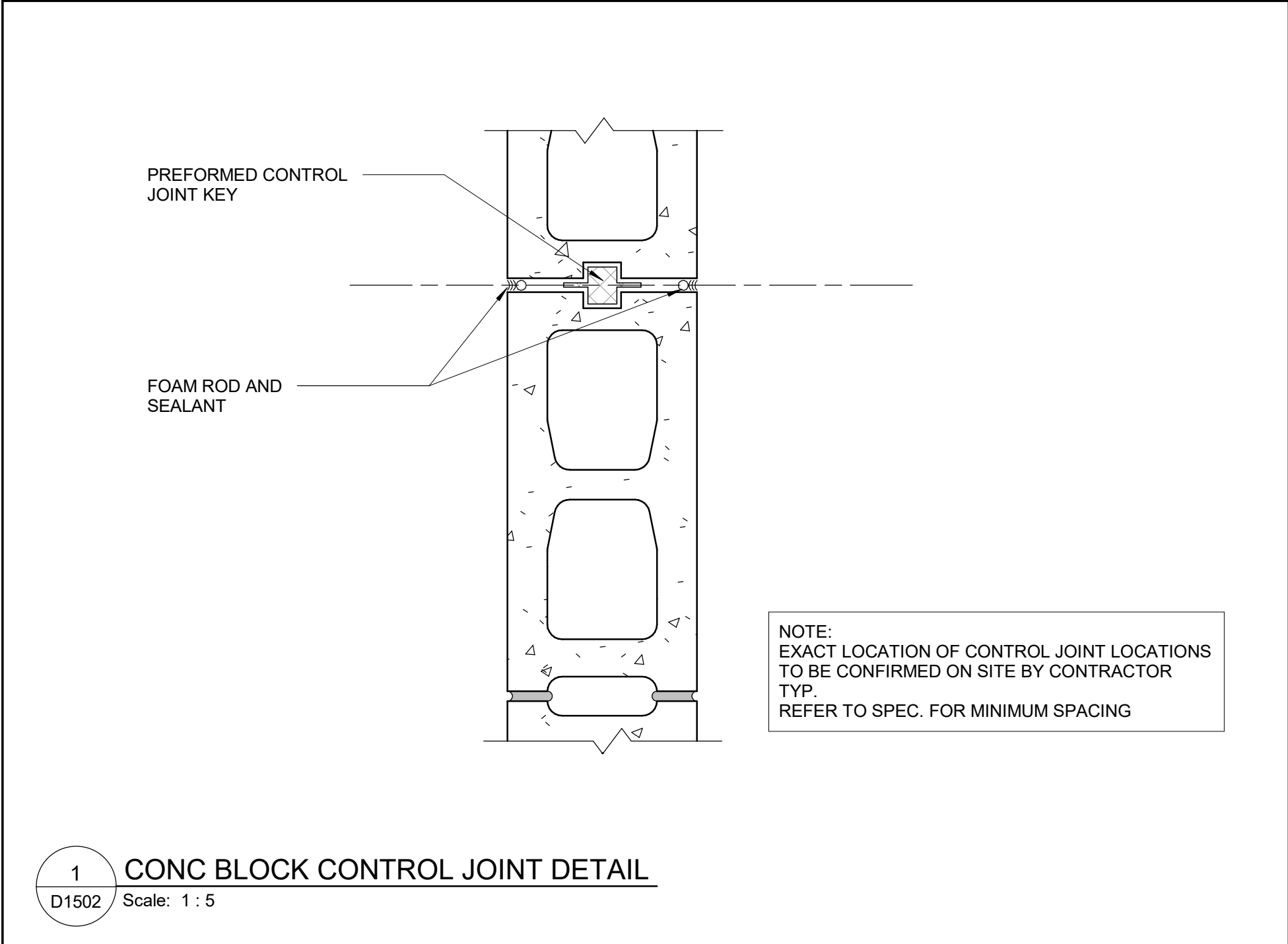
PROJECT ADDRESS



PROJECT NO:
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DRAWN BY:
A. BOYNARIAN
CHECKED BY:
K. TILAHUN
PROJECT MGR:
F. BOLOURIAN
APPROVED BY:
E. FENUTA

SHEET TITLE
MISCELLANEOUS
DETAILS - 01

SHEET NUMBER
D1501
ISSUE
A

RESERVED



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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. FENUTA	
SHEET TITLE MISCELLANEOUS DETAILS -02		
SHEET NUMBER D1502		ISSUE A

Scale Check

100mm

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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. FENUTA

SHEET TITLE

ELEVAOTOR DETAILS

SHEET NUMBER	ISSUE
D1601	A

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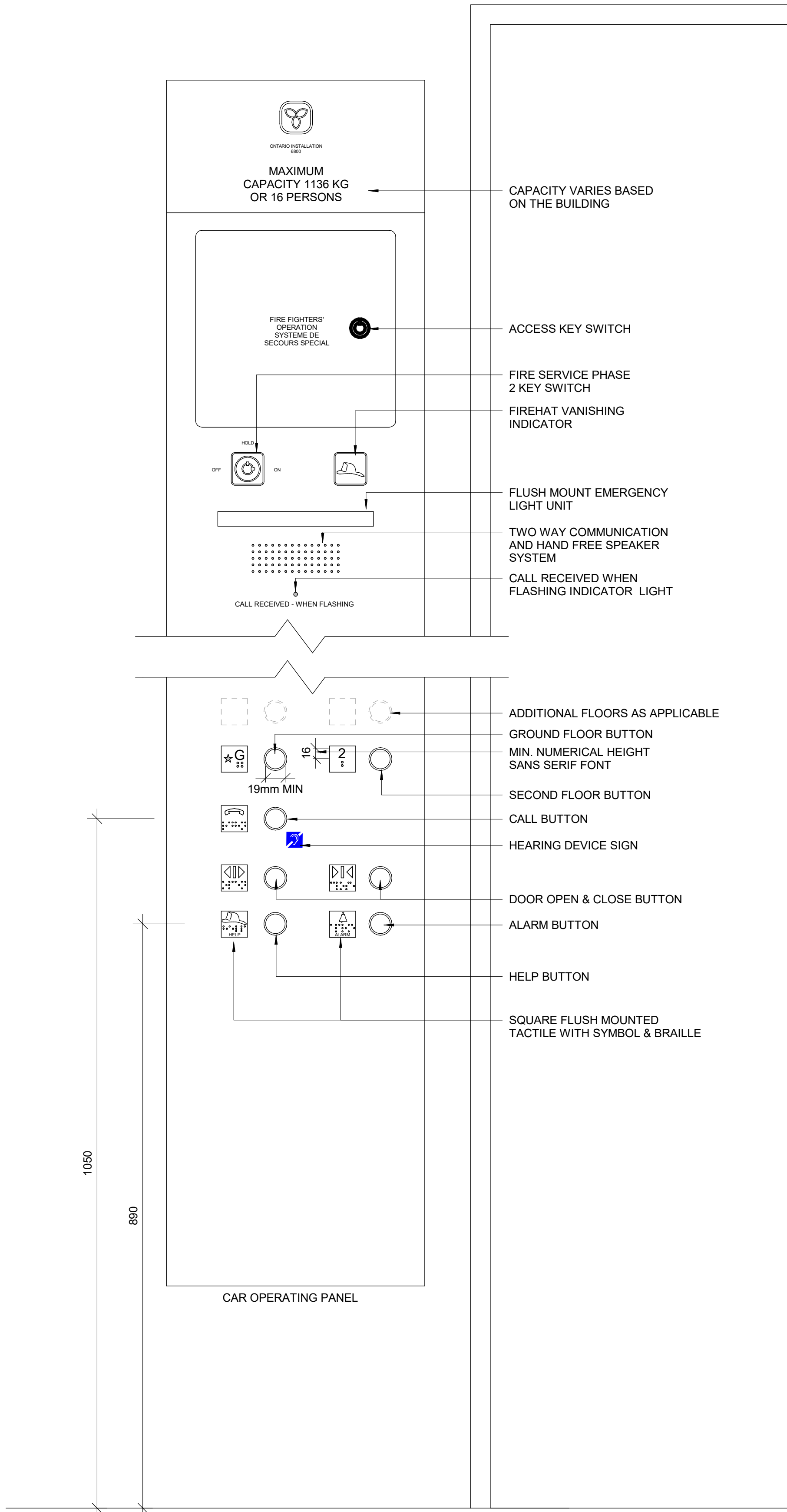
SCALE CHECK

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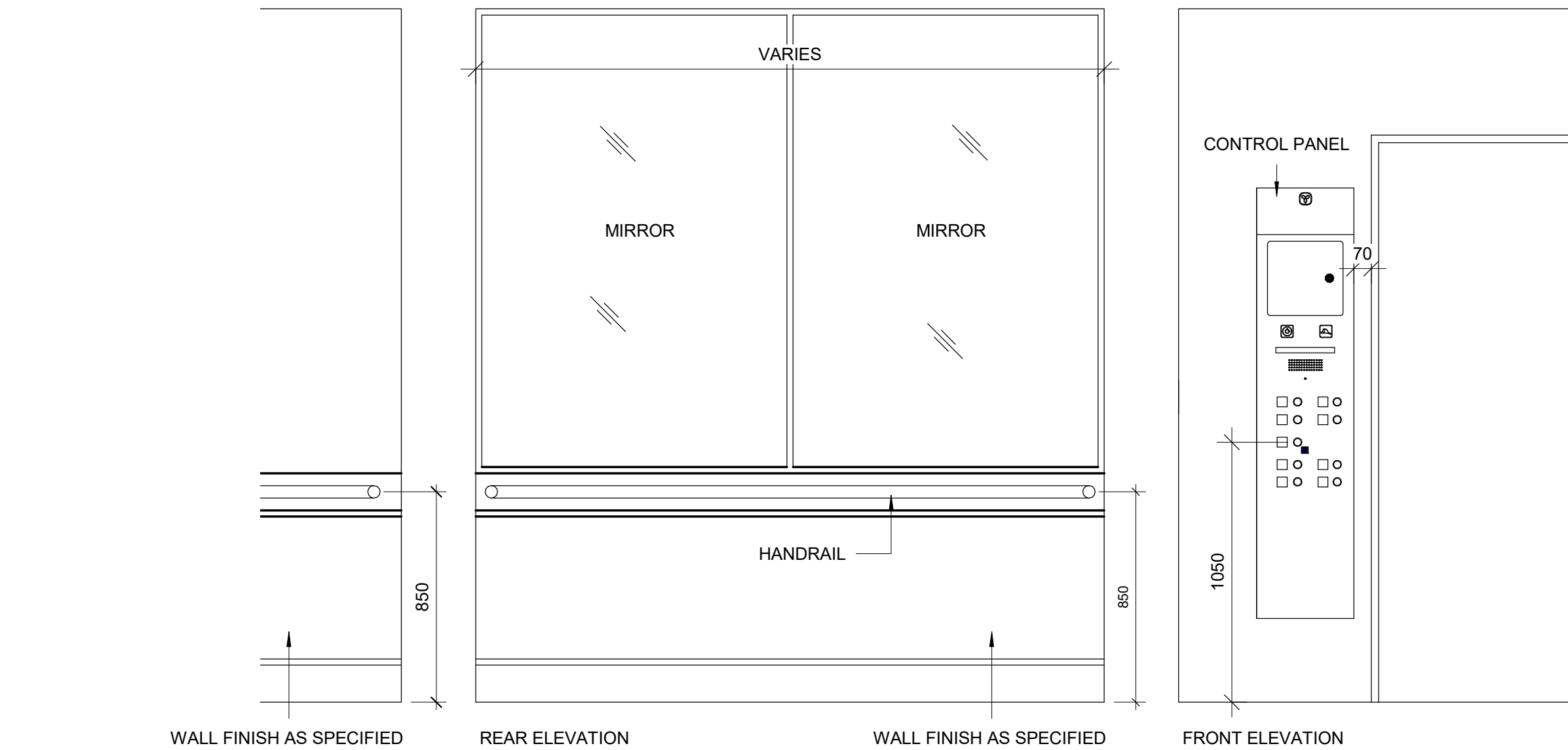
10mm

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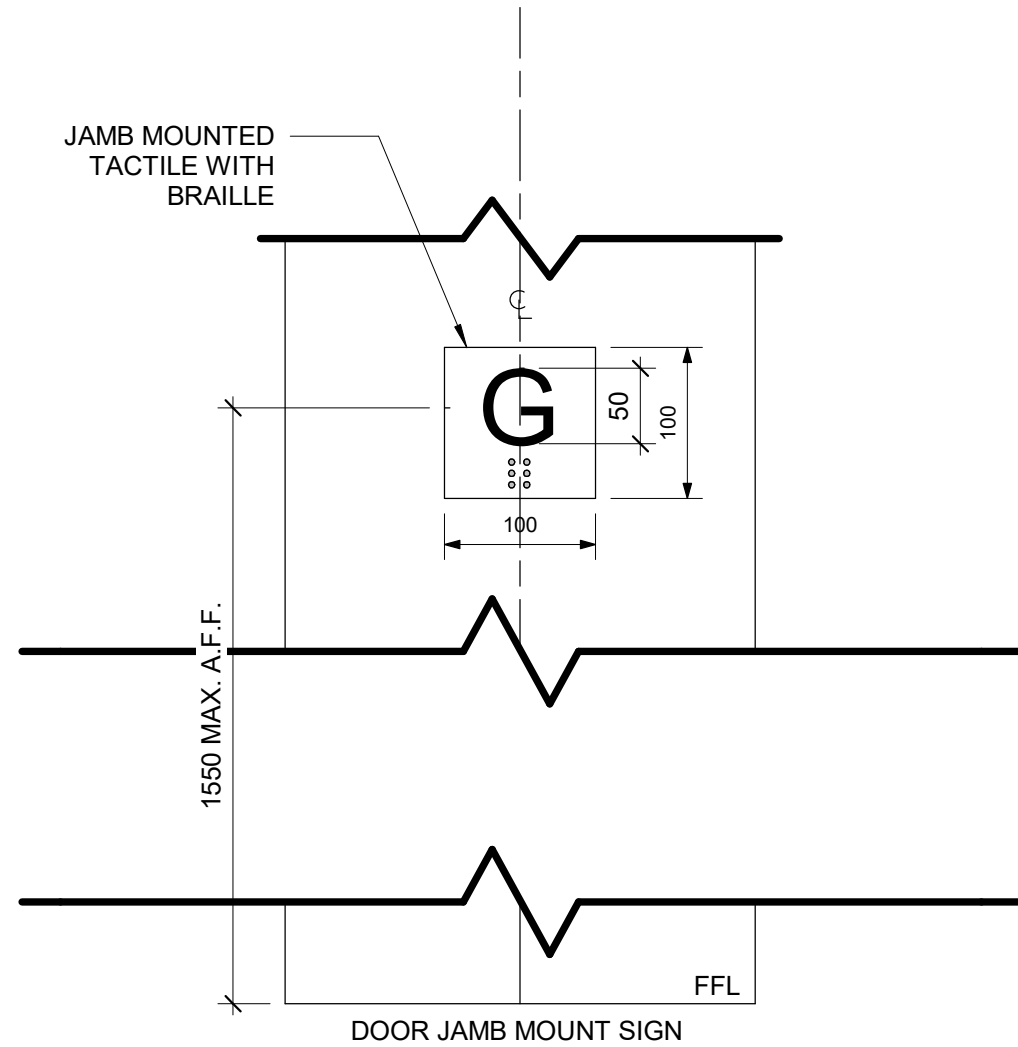
1 INTERIOR ELEVATOR CONTROLS
D1602 Scale: 1 : 5



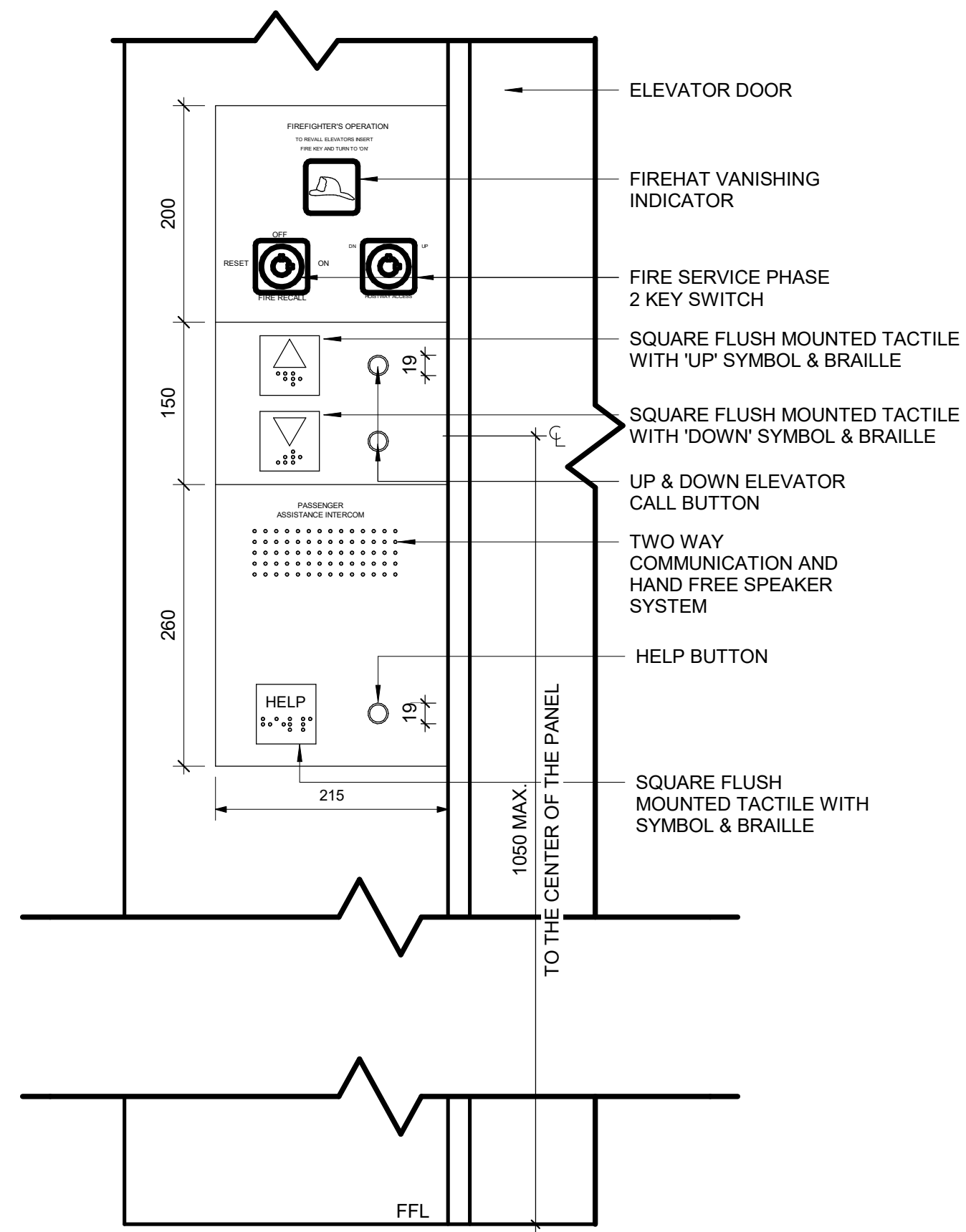
2 ELEVATOR INTERIOR ELEVATIONS
D1602 Scale: 1 : 20



3 TACTILE FLOOR MARKER
D1602 Scale: 1 : 5



4 ELEVATOR EXTERIOR PANEL ELEVATION
D1602 Scale: 1 : 5



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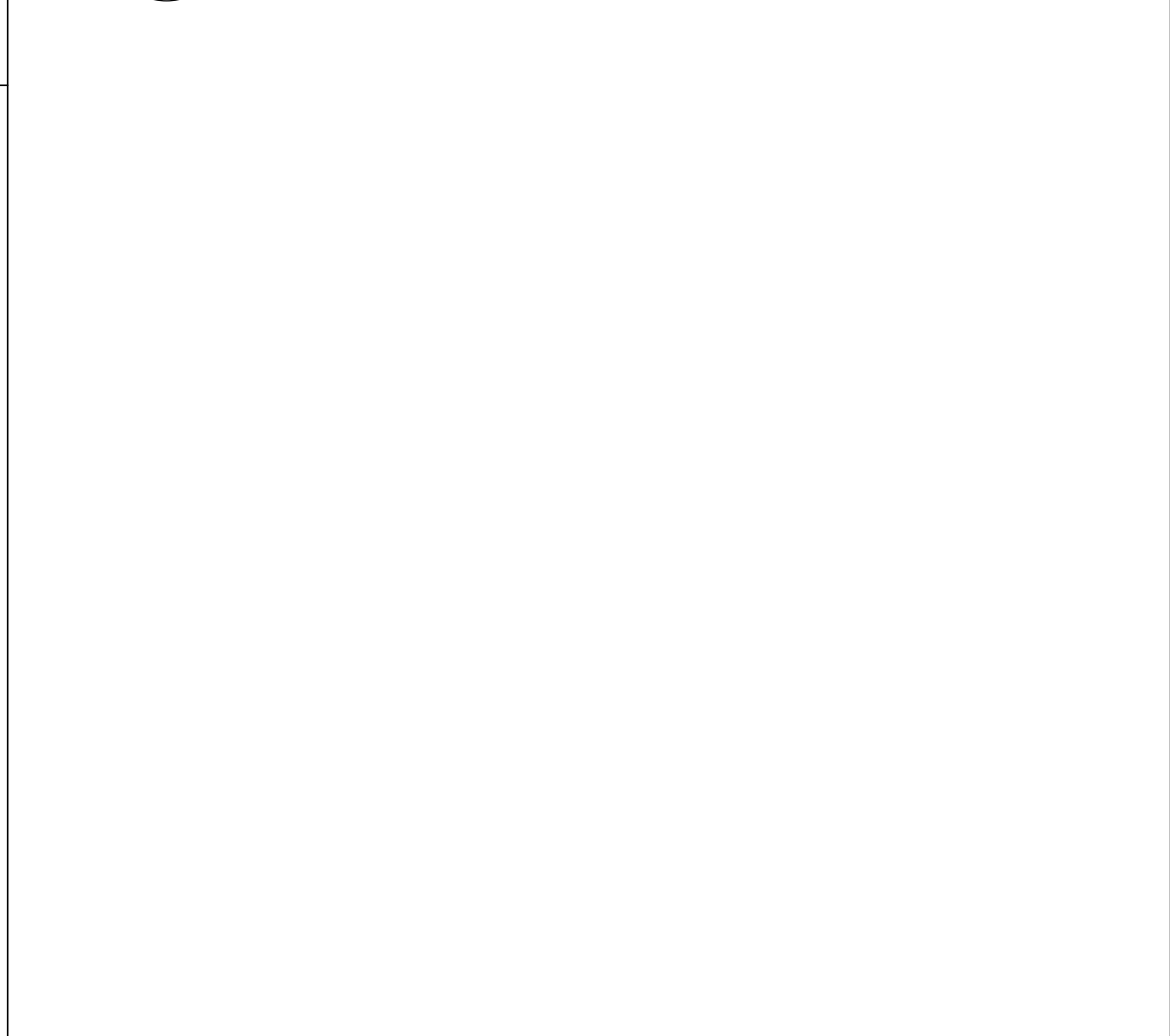
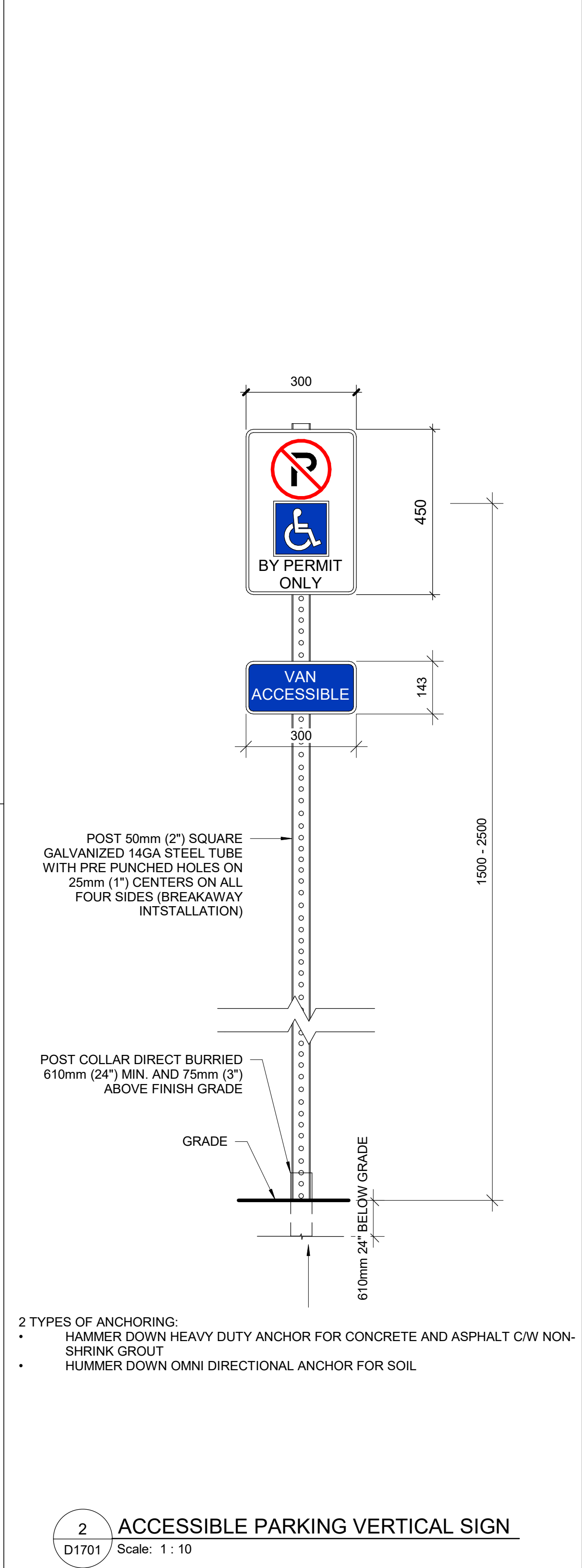
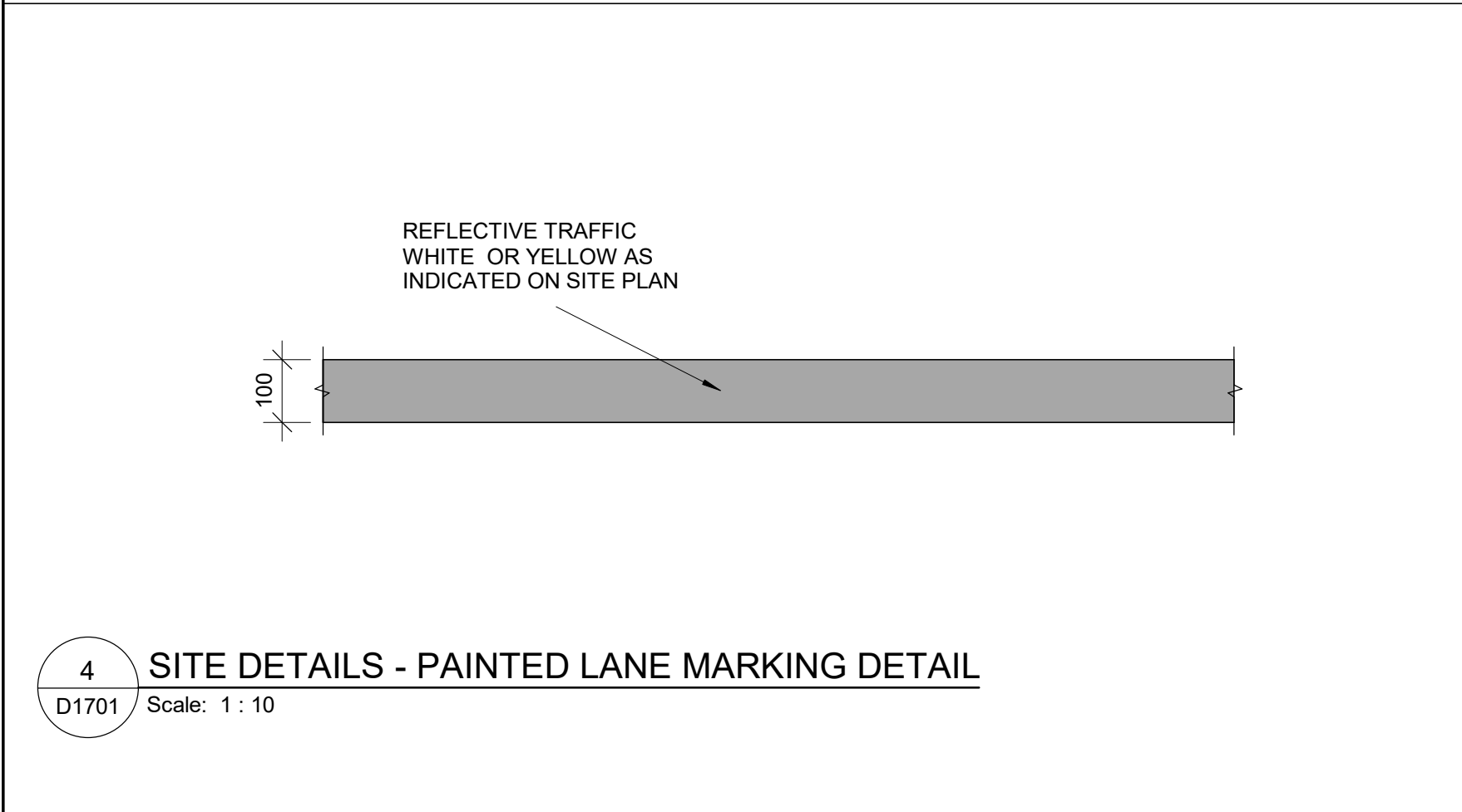
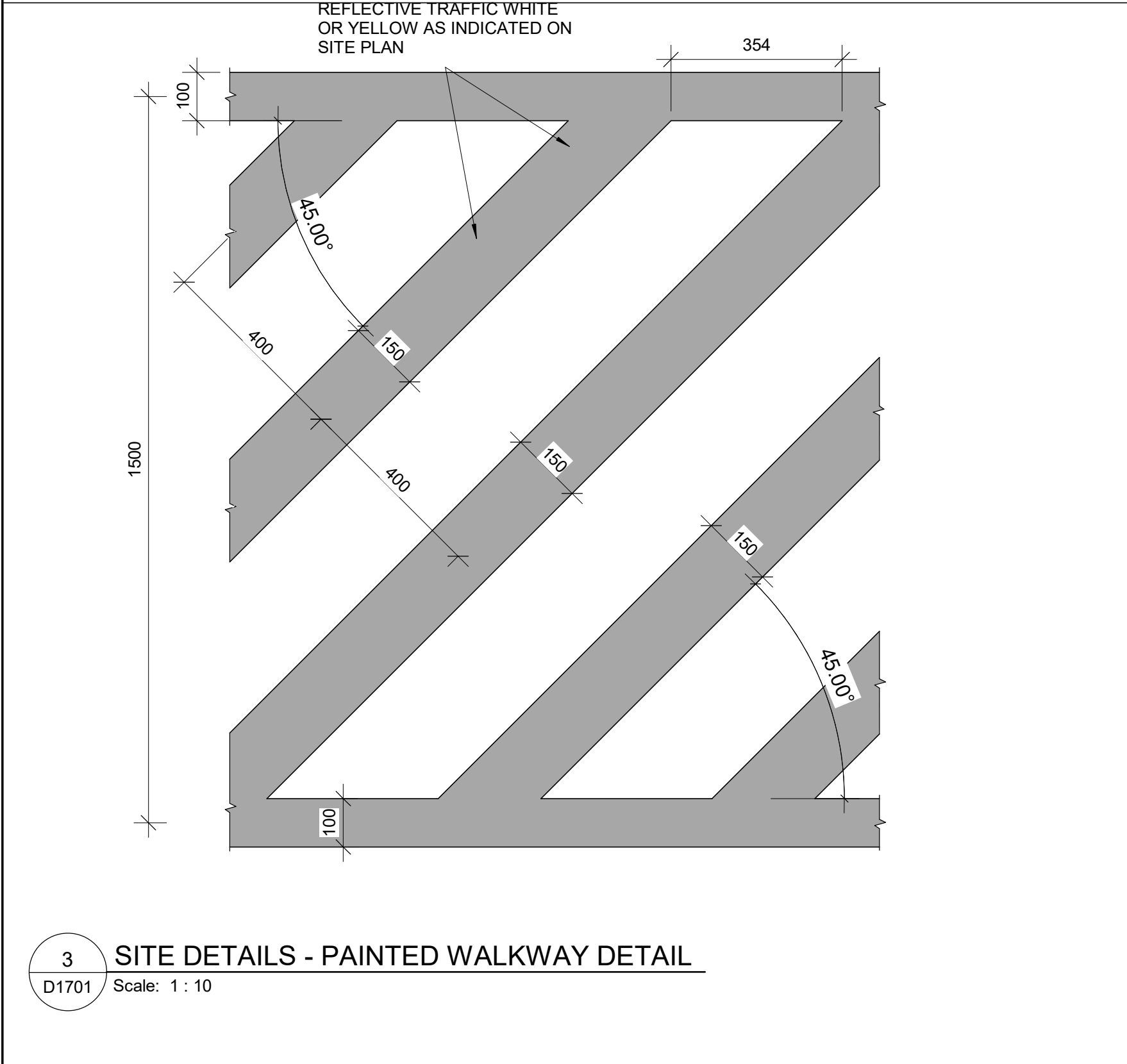
PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 / Arcadis 30279056
DRAWN BY:
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PROJECT MGR:
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CHECKED BY:
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SHEET TITLE
**ELEVATOR CONTROL &
INTERIOR CABIN
DETAILS**

SHEET NUMBER D1602	ISSUE A
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SCALE CHECK
1"=10mm



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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

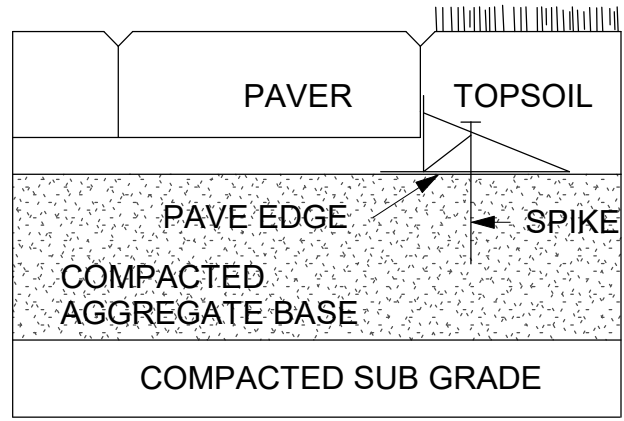
SHEET TITLE

ACCESSIBLE PARKING
AND SITE MARKING
DETAILS

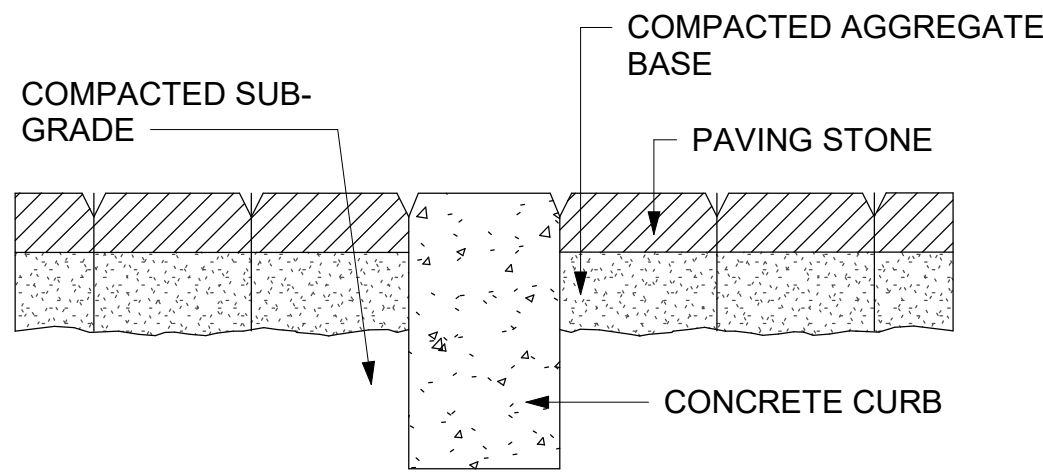
SHEET NUMBER	ISSUE
D1701	A

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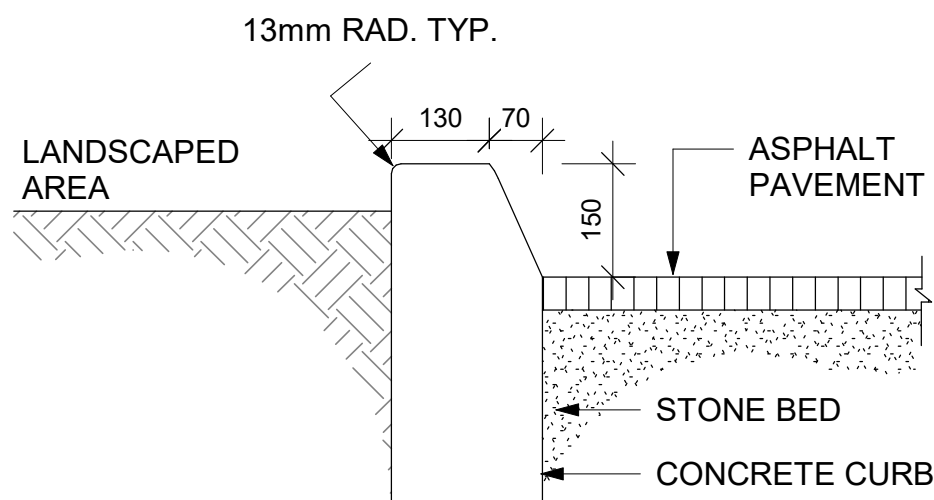
SCALE CHECK
1/10



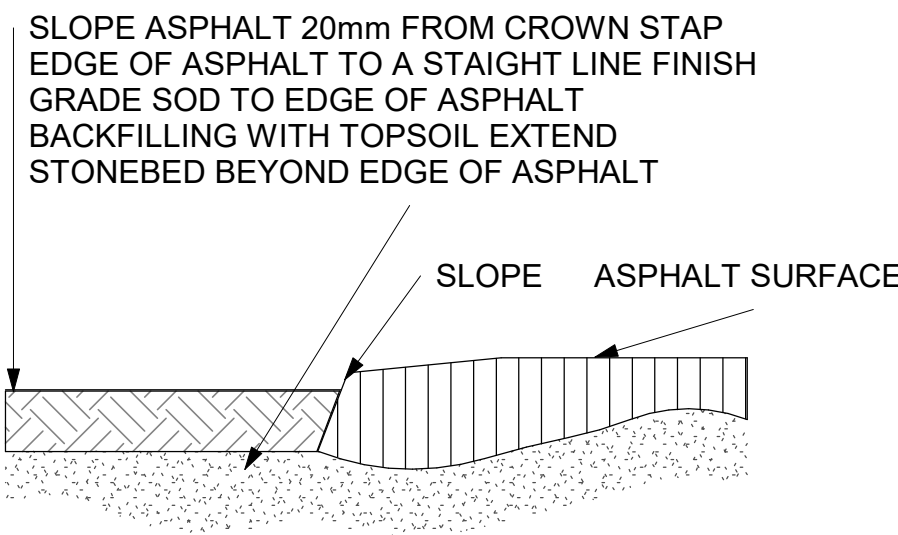
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D1702 Scale: 1 : 10



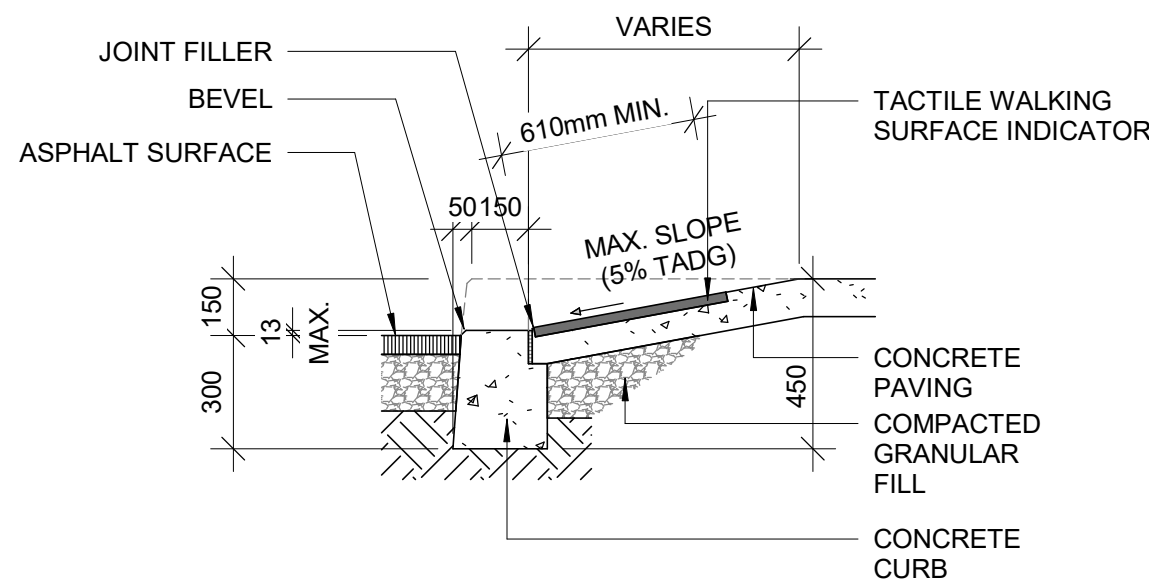
2 DEPRESSION CURB
D1702 Scale: 1 : 10



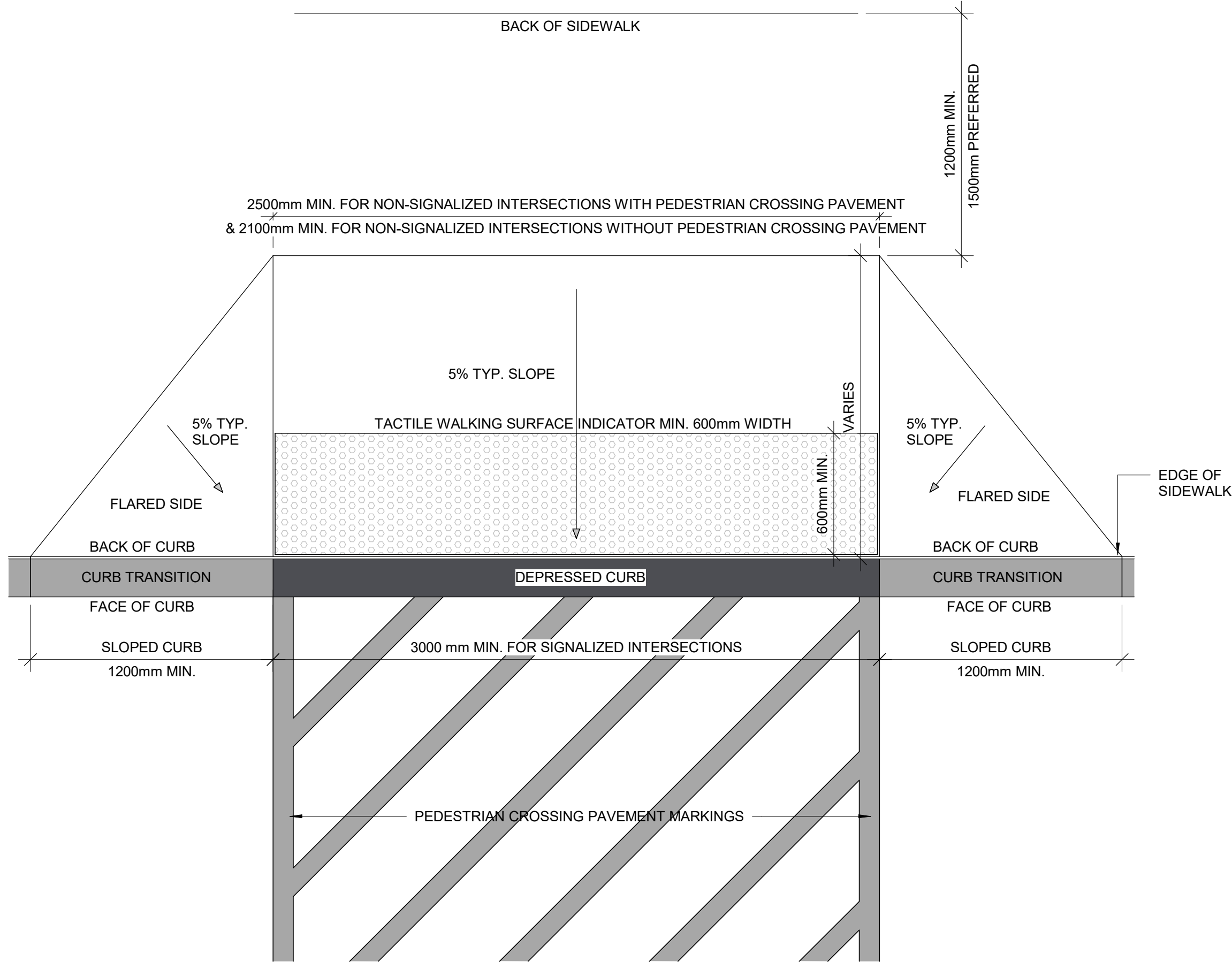
3 CURB DETAIL AT LANDSCAPED AREA
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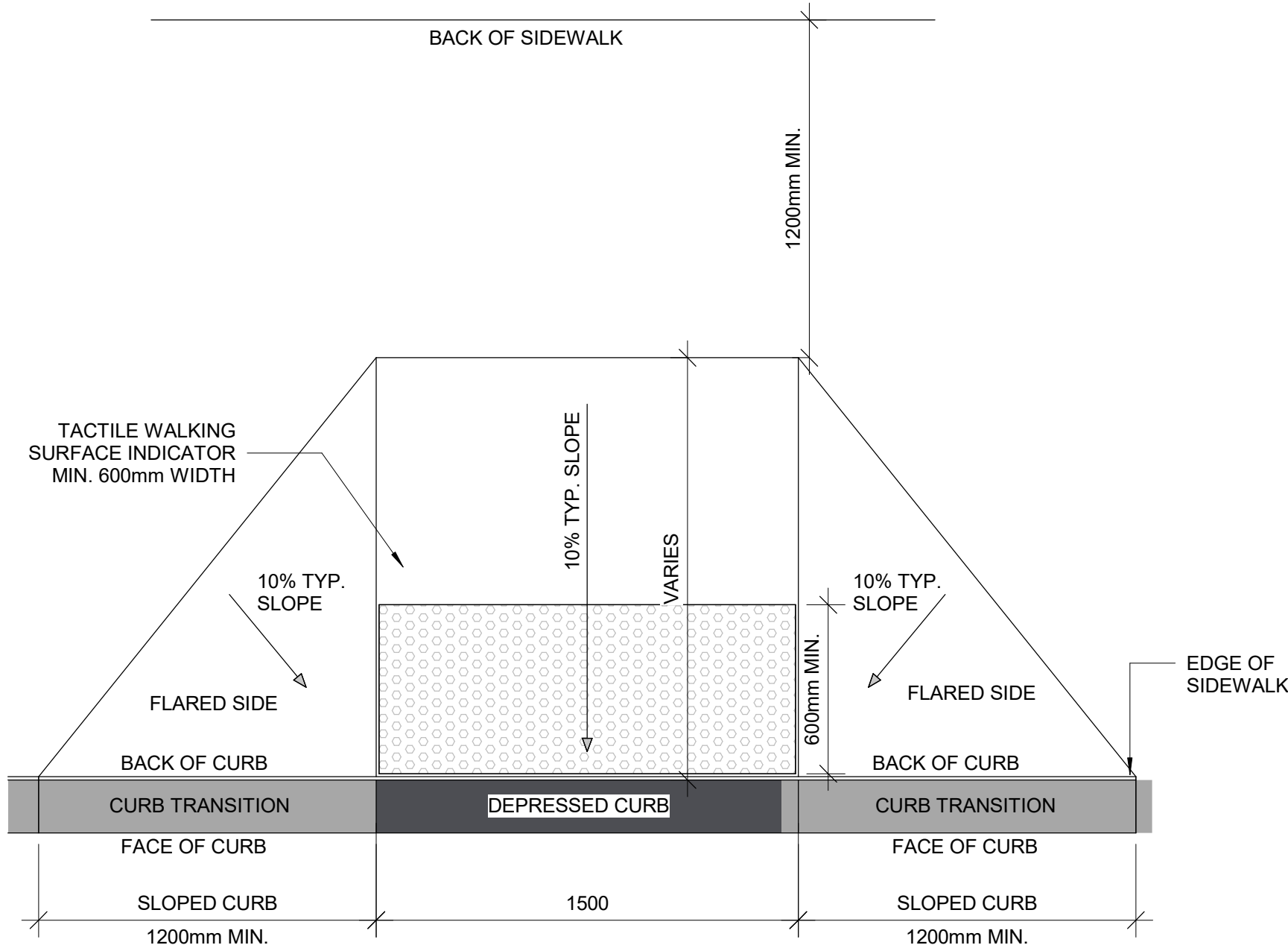
4 ASPHALT EDGE
D1702 Scale: 1 : 10



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

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CHECKED BY:
K. TILAHUN

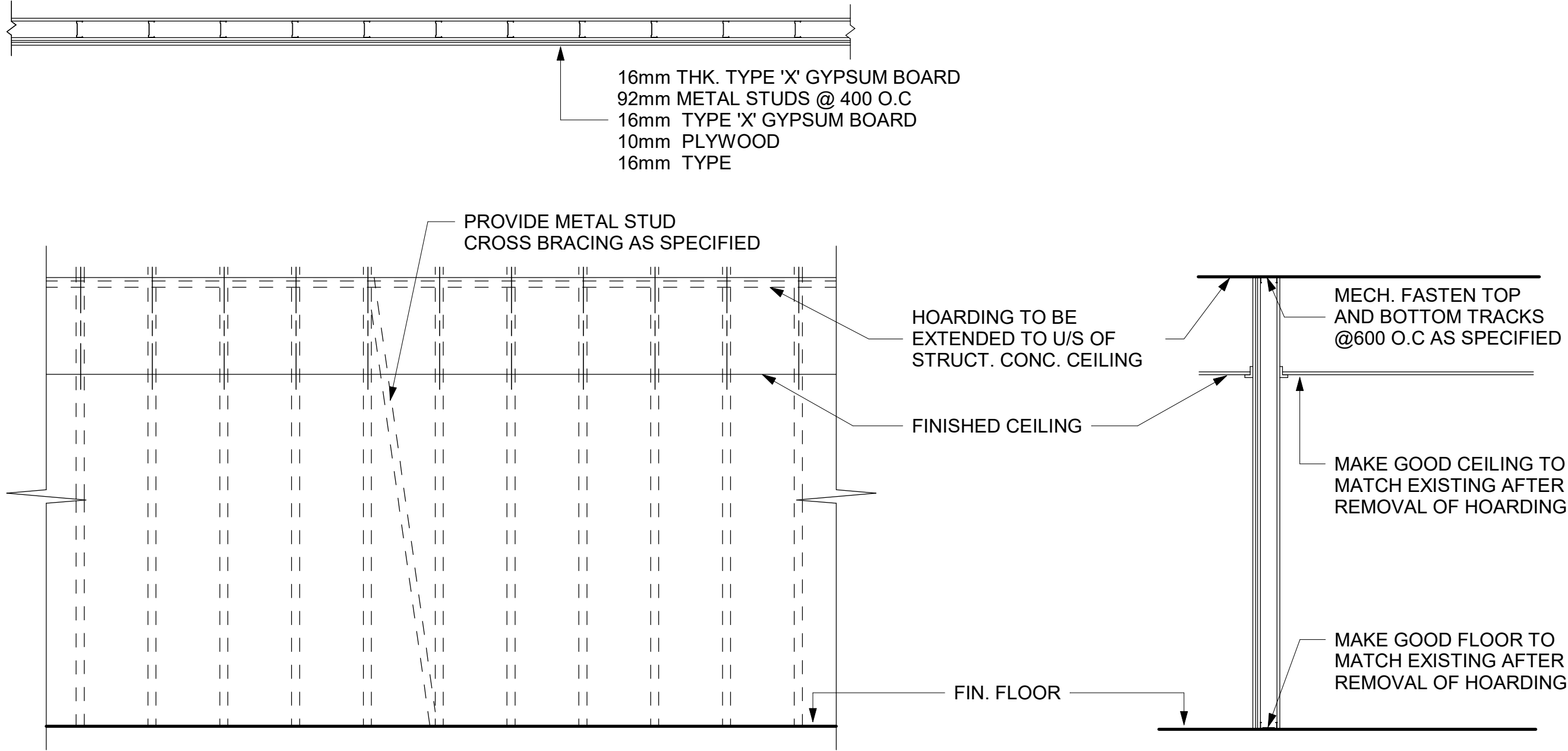
PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
E. FENUITA

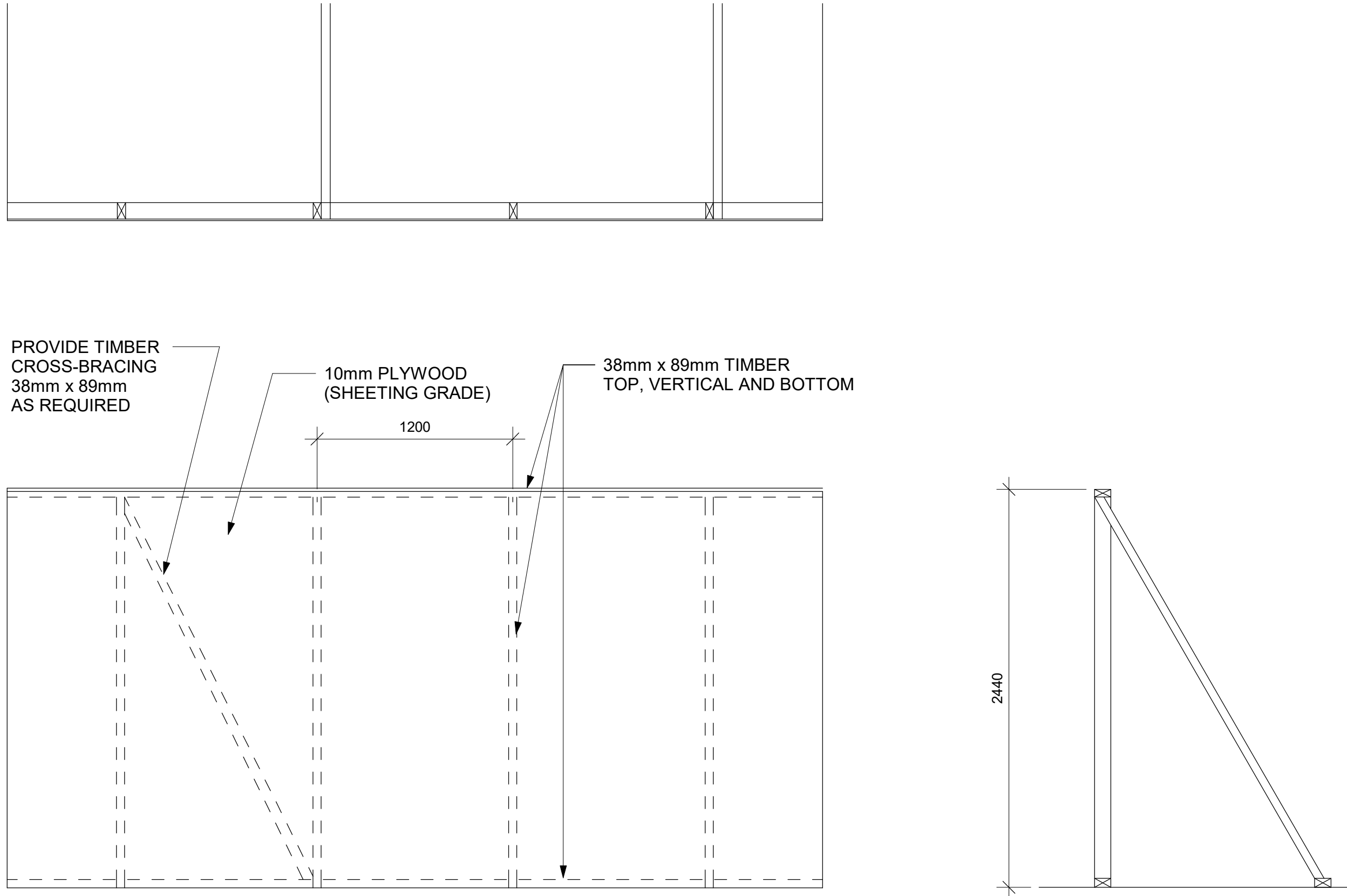
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CURB DETAILS

SHEET NUMBER
D1702

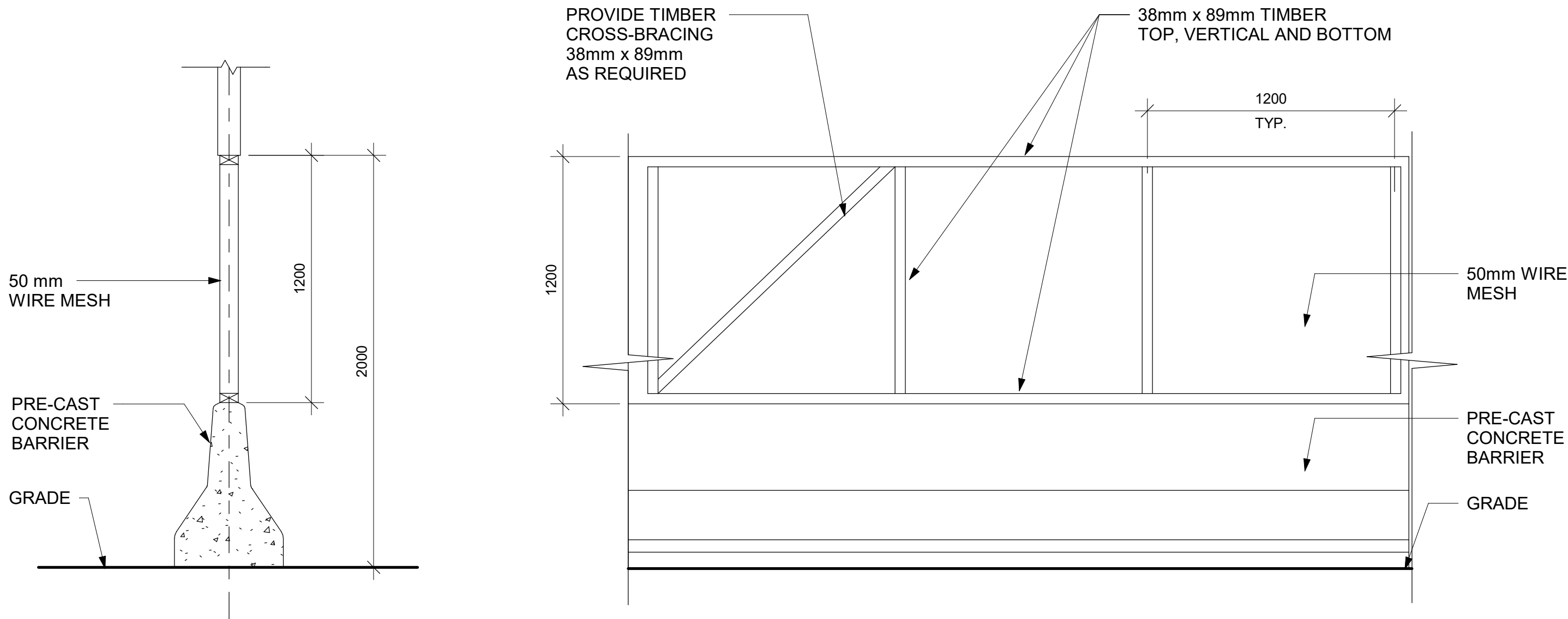
ISSUE
A



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

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DRAWN BY:

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PROJECT MGR:

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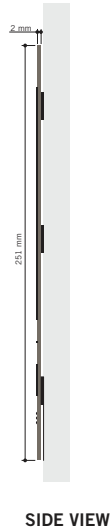
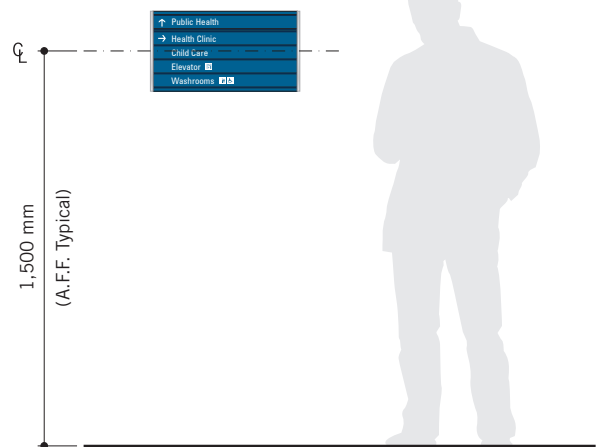
APPROVED BY:

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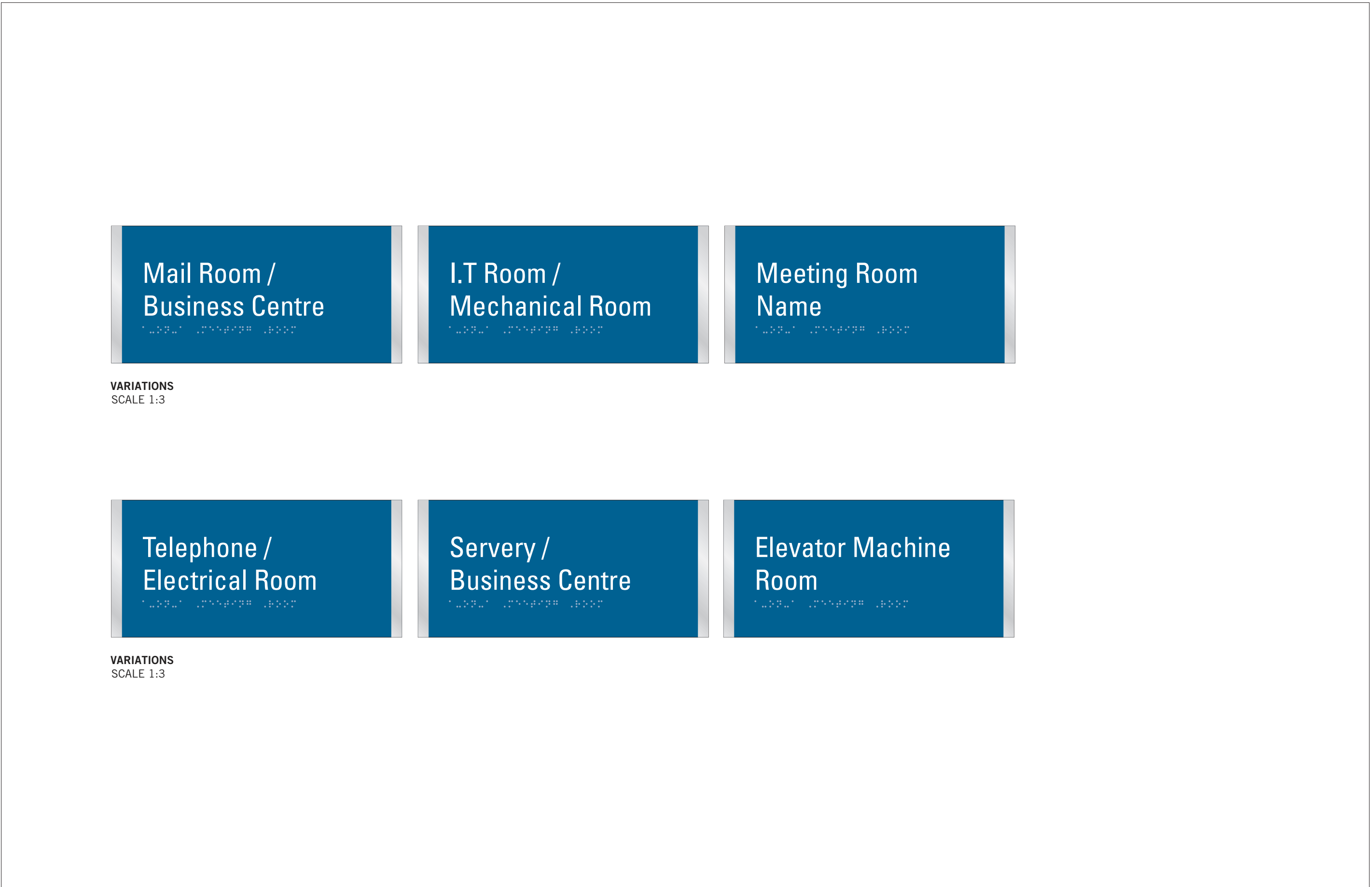
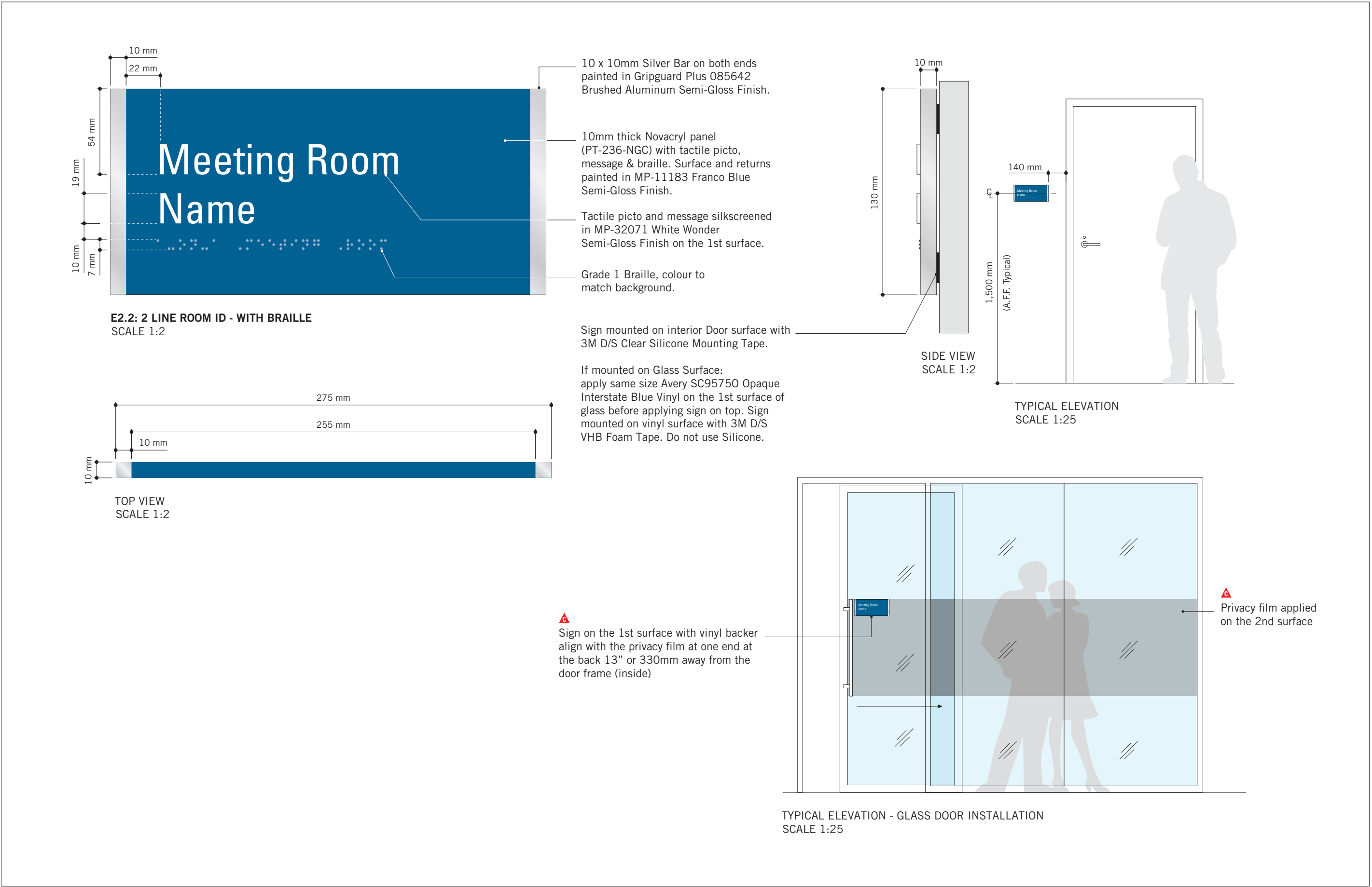
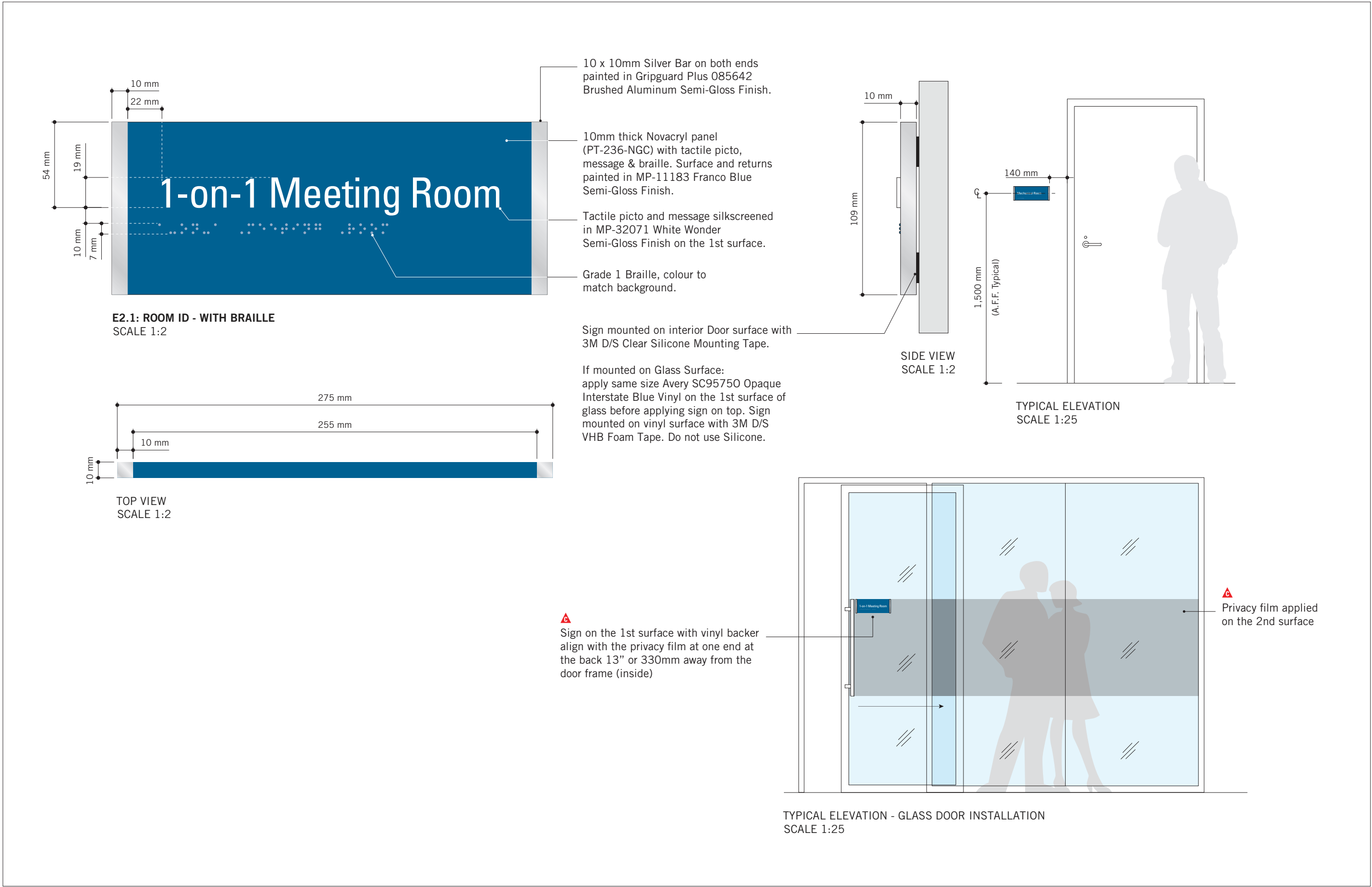
SHEET TITLE

HOARDING DETAILS

SHEET NUMBER	D1801	ISSUE	A
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Note:
Typical colours for Toronto Archives
Building Standards building upgrades.



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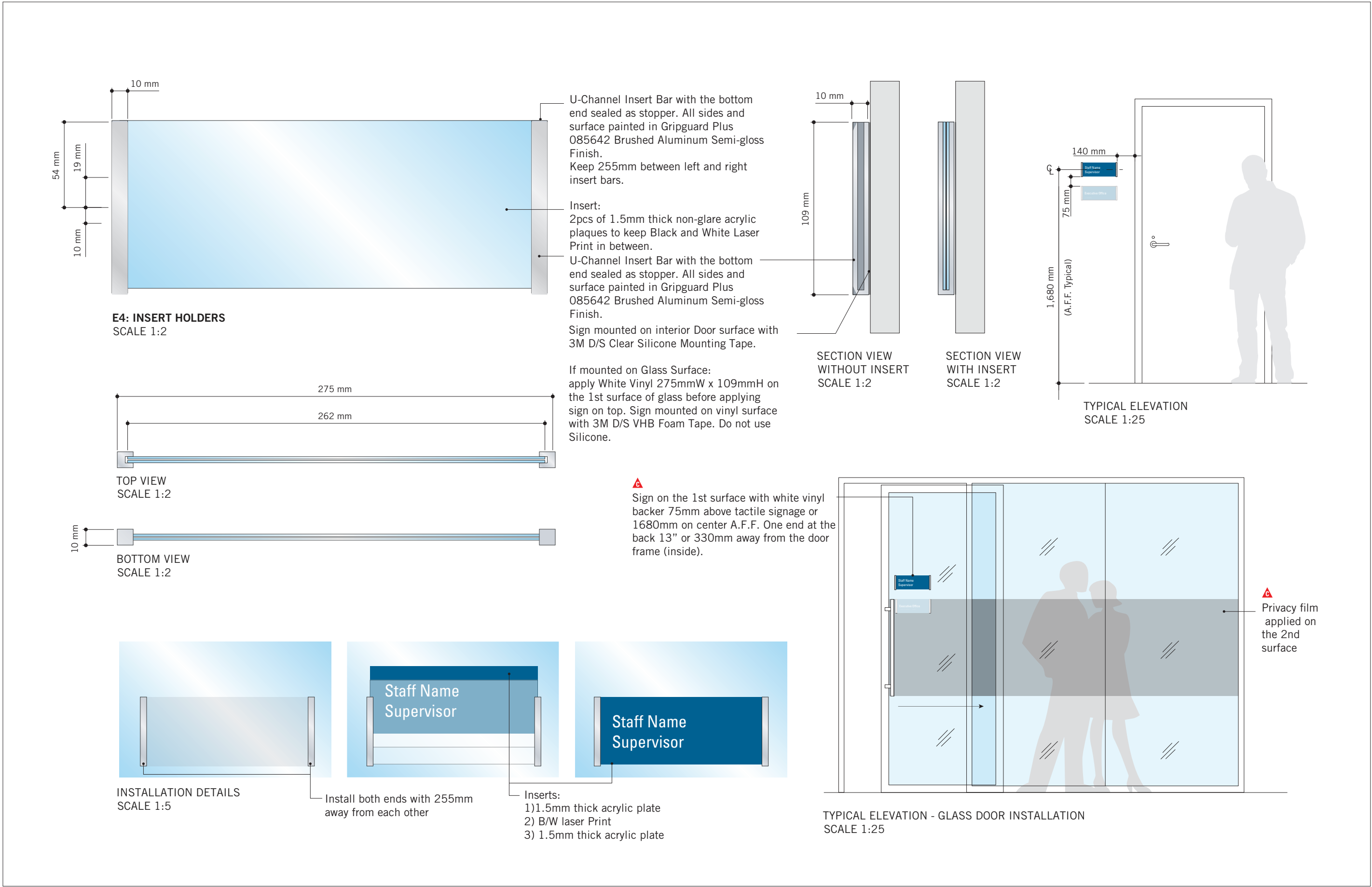
PROJECT TITLE
CITY OF TORONTO
ACCESSIBILITY UPGRADES

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
E2: ROOM ID

SHEET NUMBER	ISSUE
D1903	A



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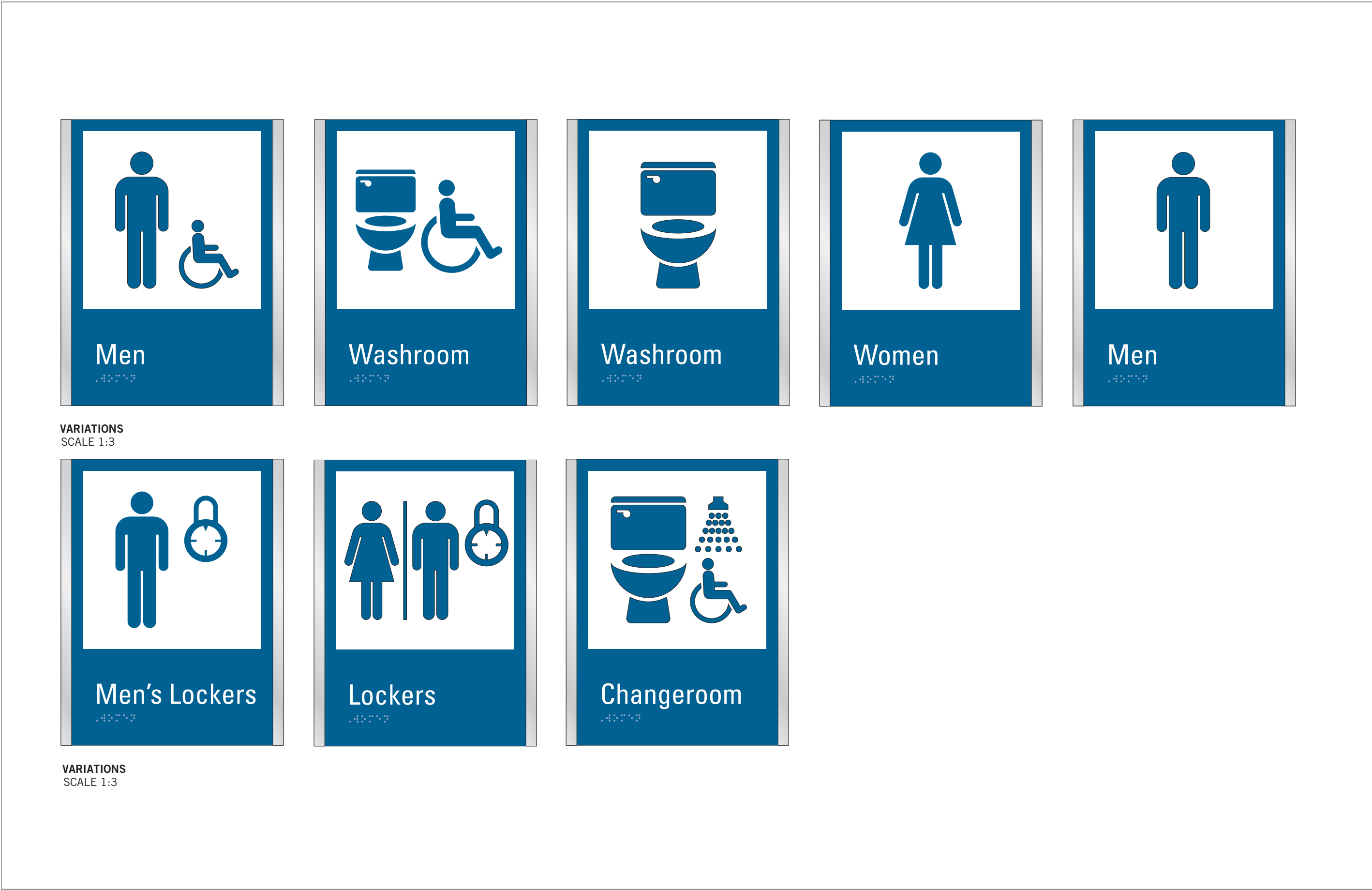
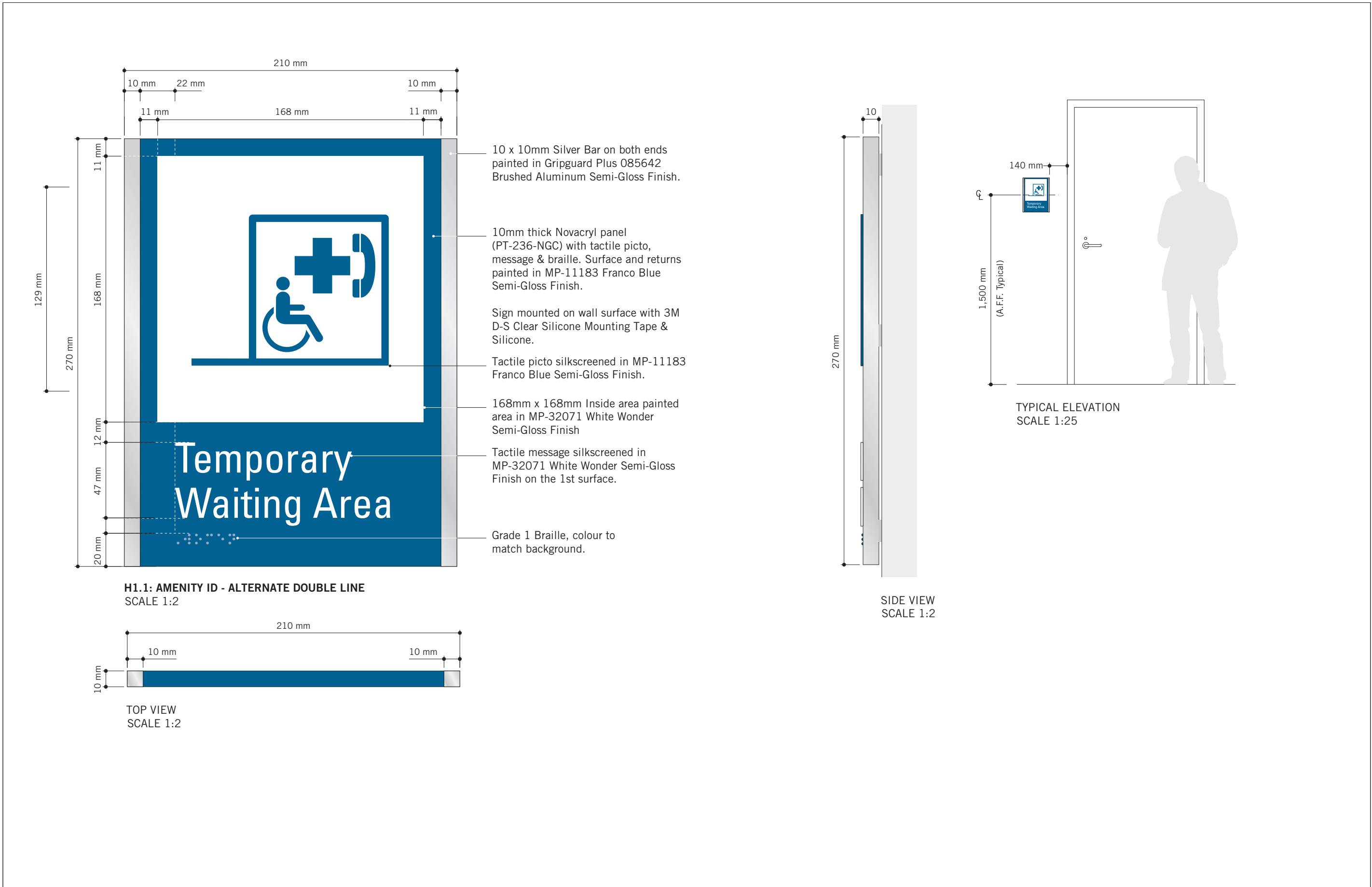
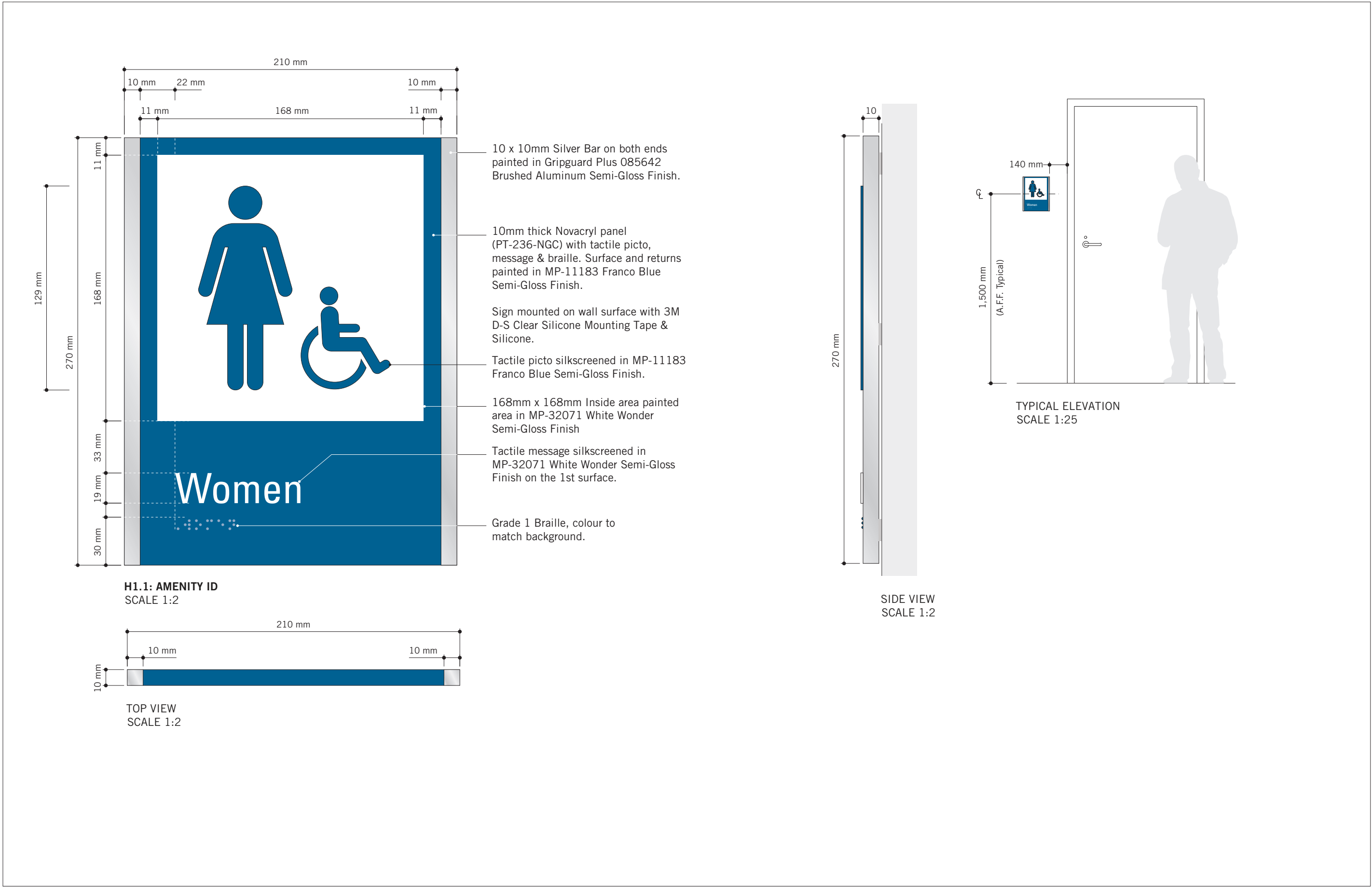
PROJECT NO:
9119 – 19 – 0162 / Arcadis 30279056

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



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PROJECT NO:
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M.LOW

CHECKED BY:
C.D. SCHNOBB

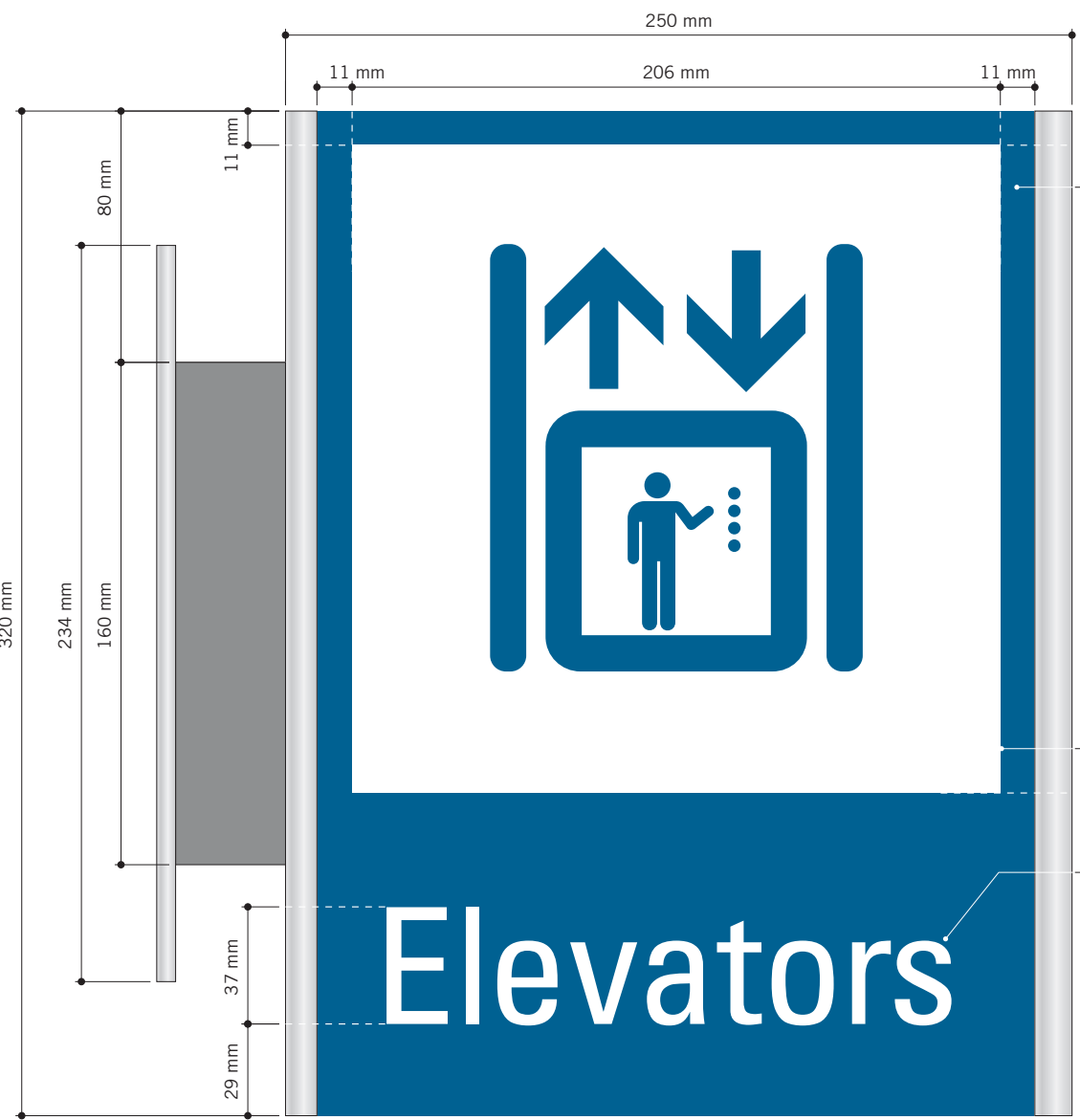
PROJECT MGR:
R. DALY

APPROVED BY:

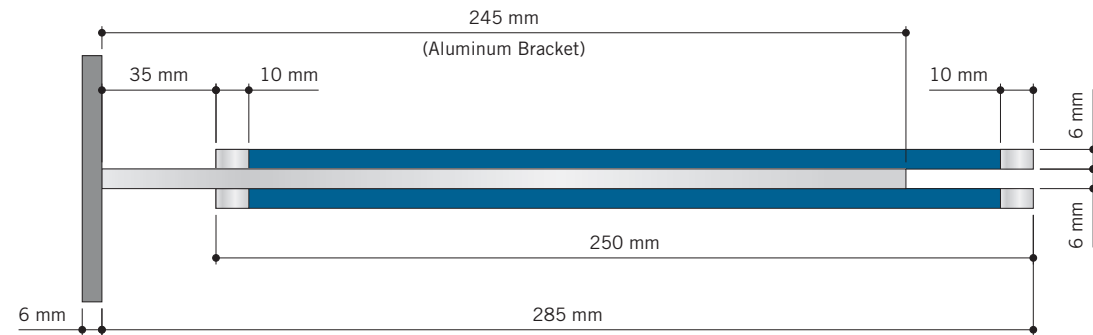
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SIGNAGE & WAYFINDING
DETAILS
H1.1: AMENITY ID

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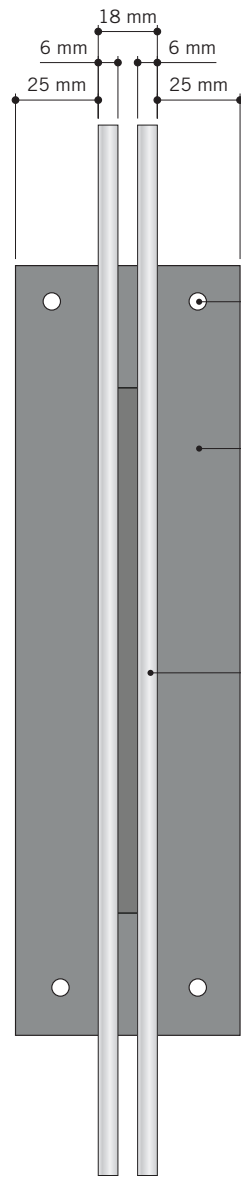
ISSUE
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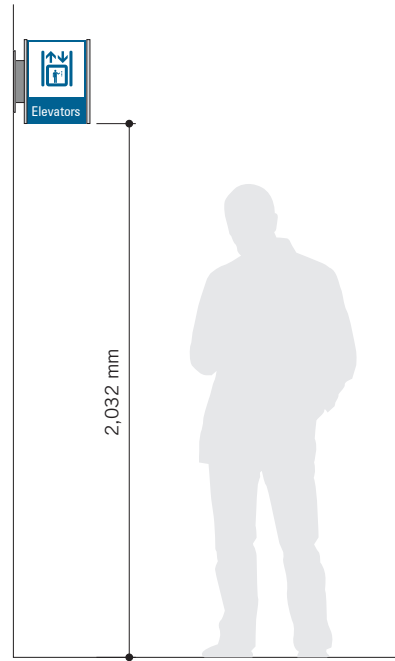
H2.1: PROJECTING AMENITY ID
SCALE 1:2



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



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PROJECT ADDRESS
GROUP 03 BUILDINGS

PROJECT NO:
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DRAWN BY:
M.LOW

CHECKED BY:
C.D. SCHNOBB

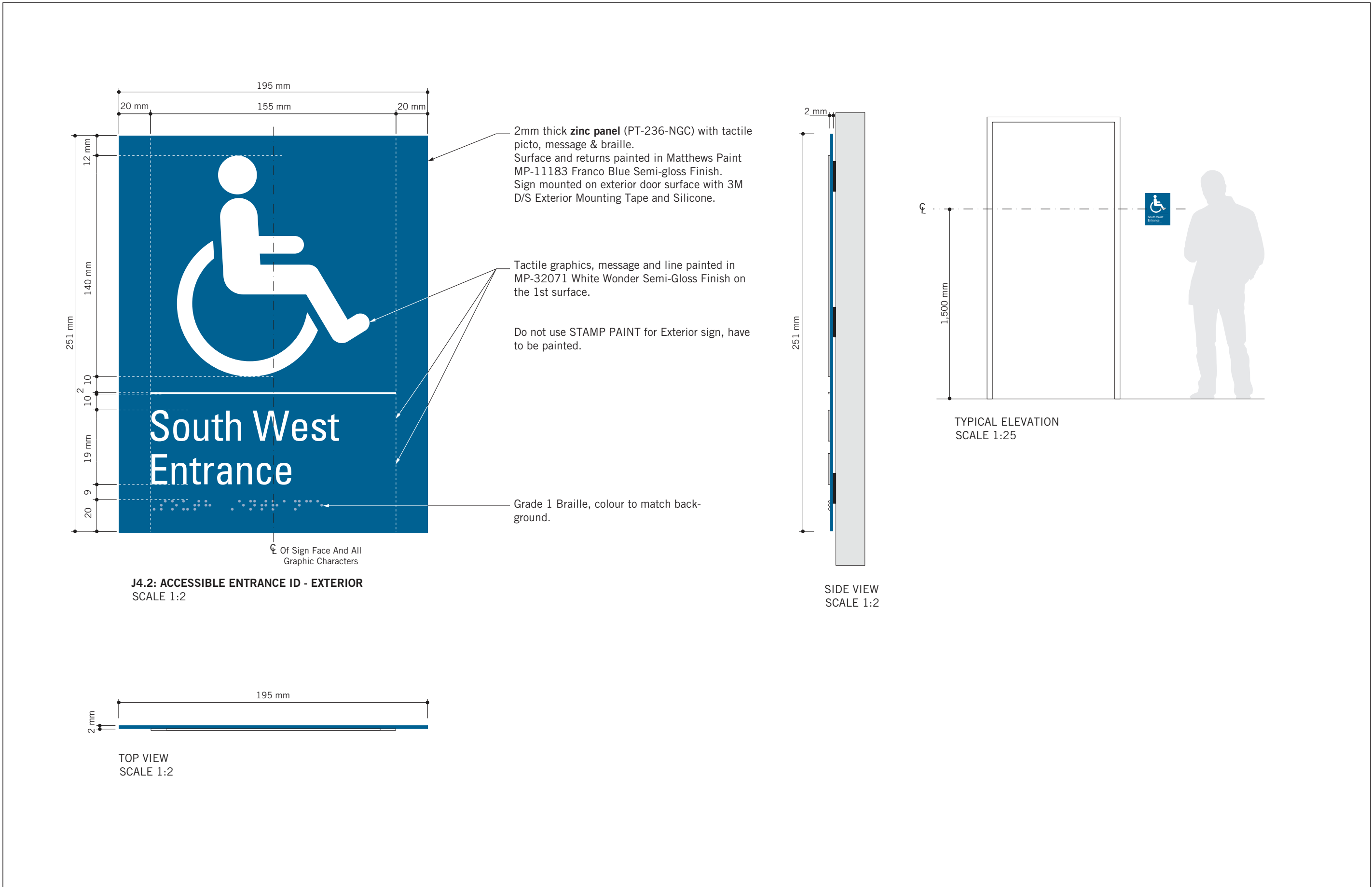
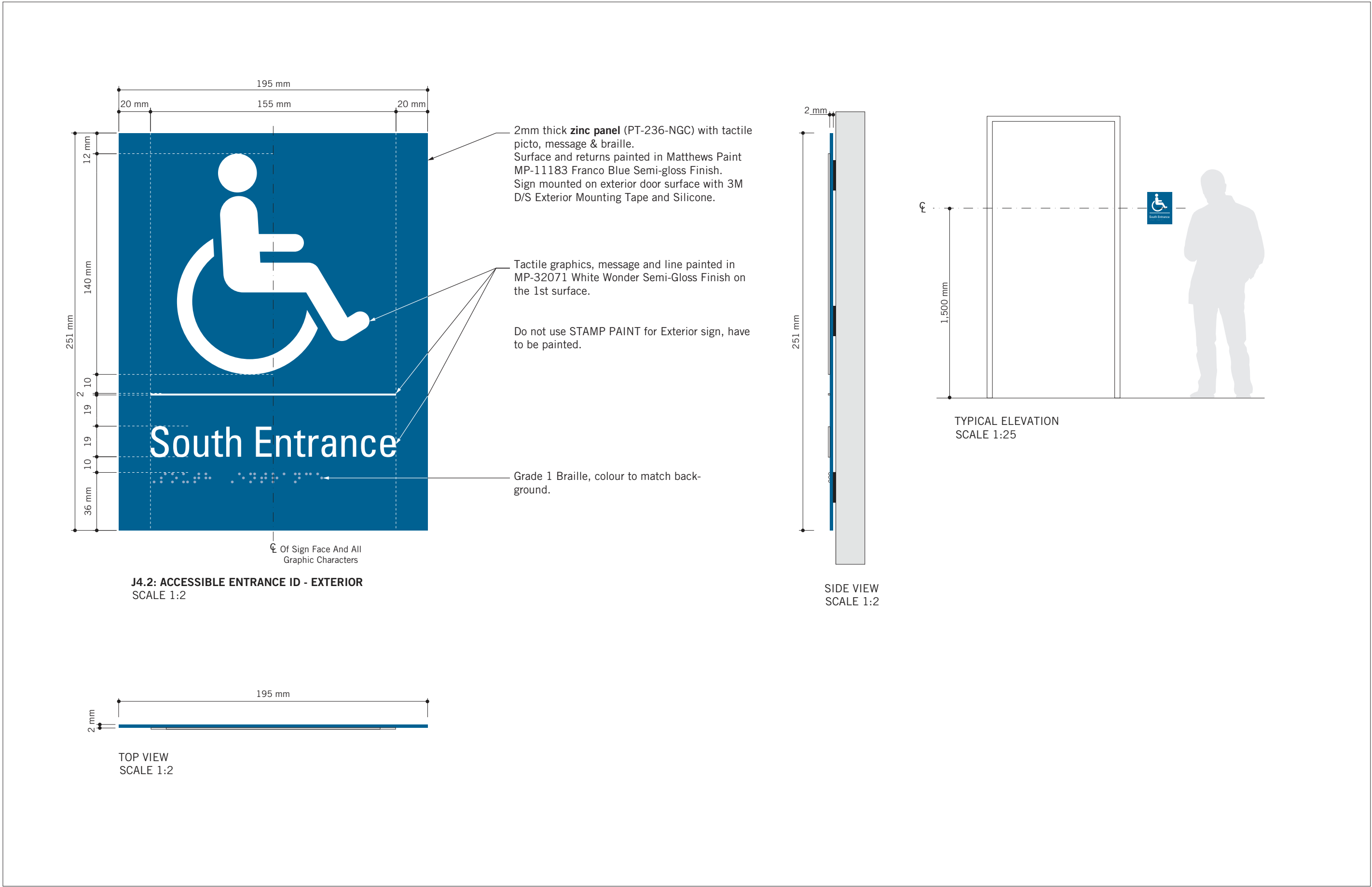
PROJECT MGR:
R. DALY

APPROVED BY:

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

SHEET NUMBER
D1906

ISSUE
A



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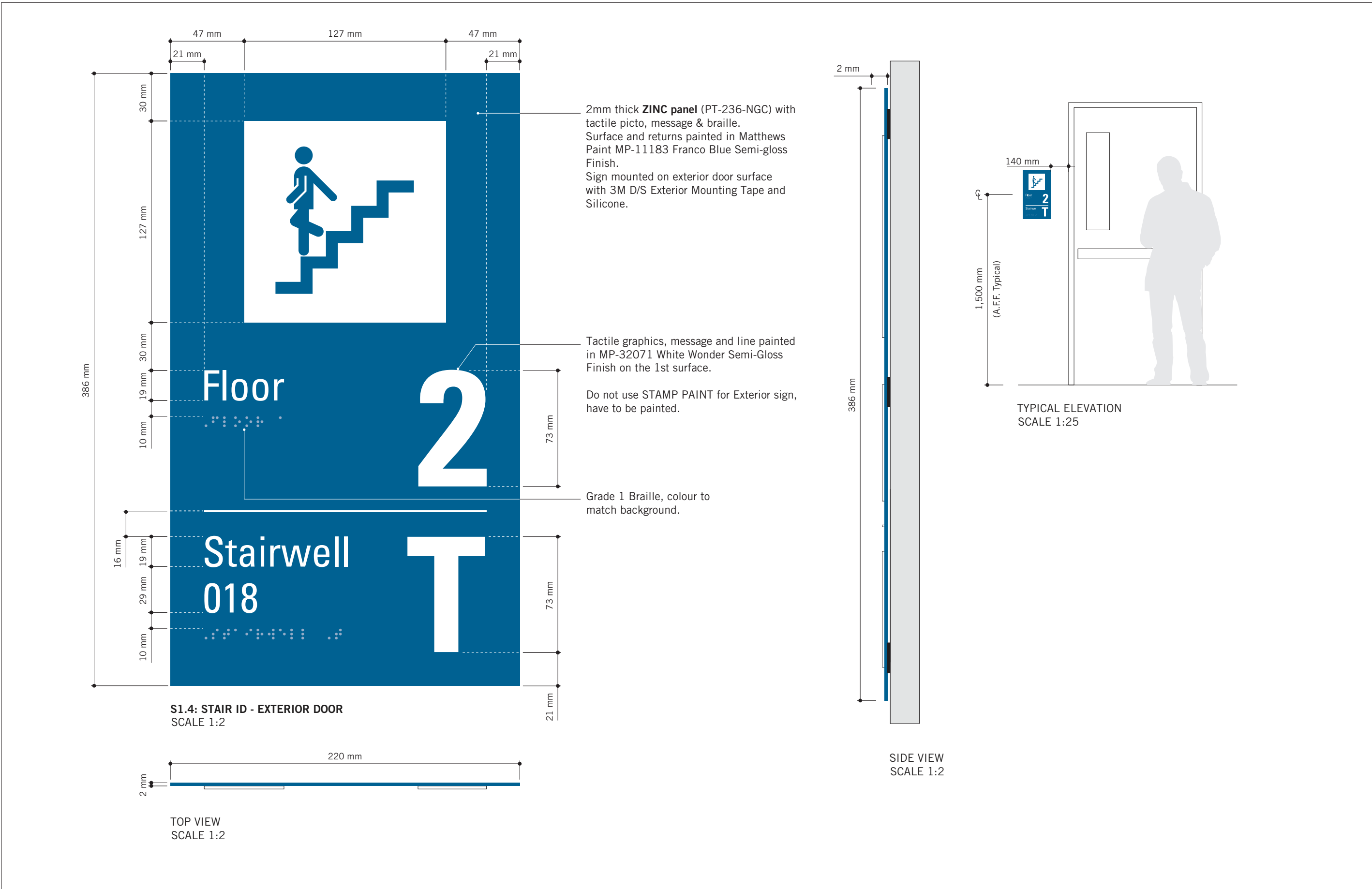
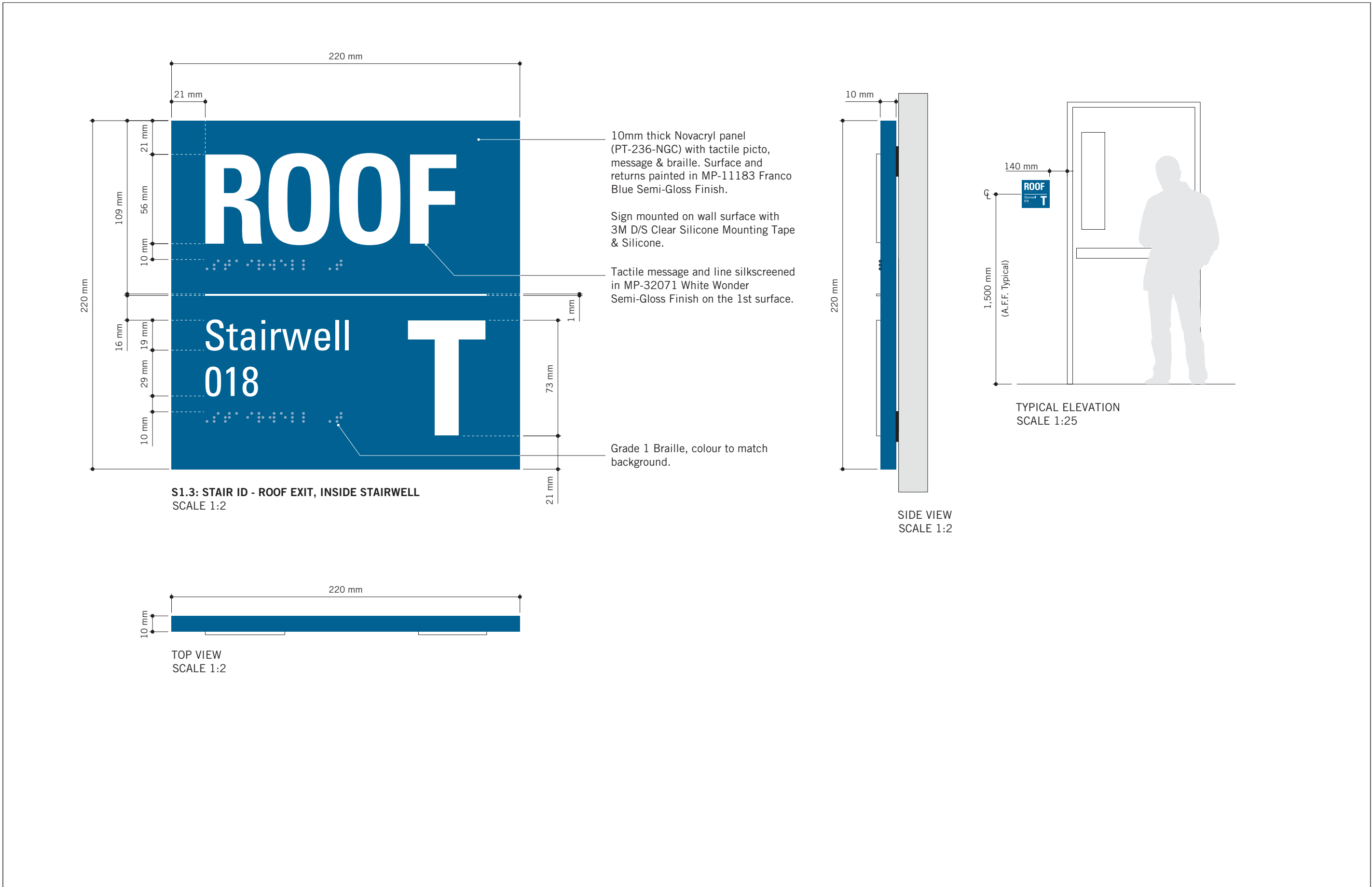
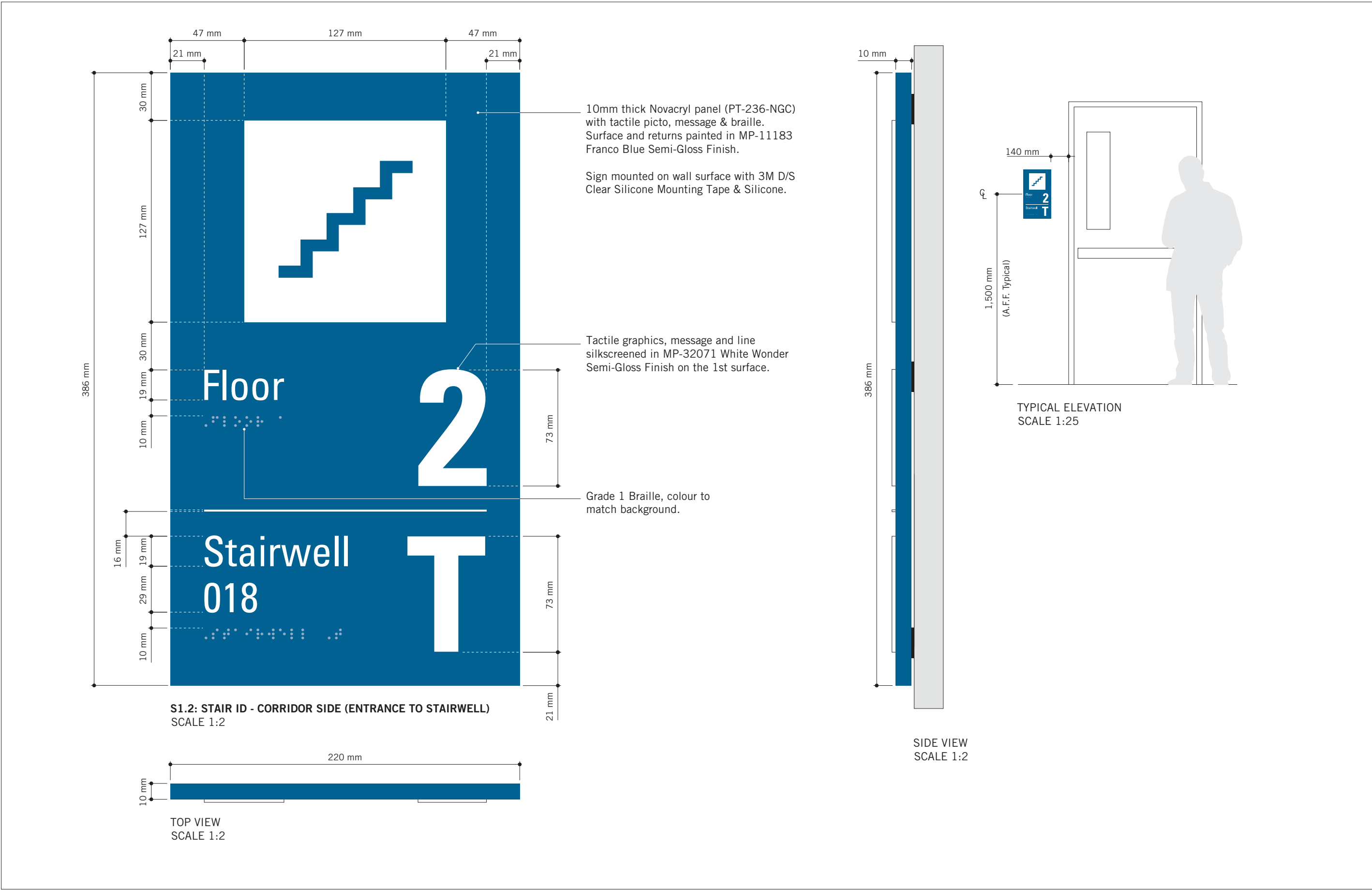
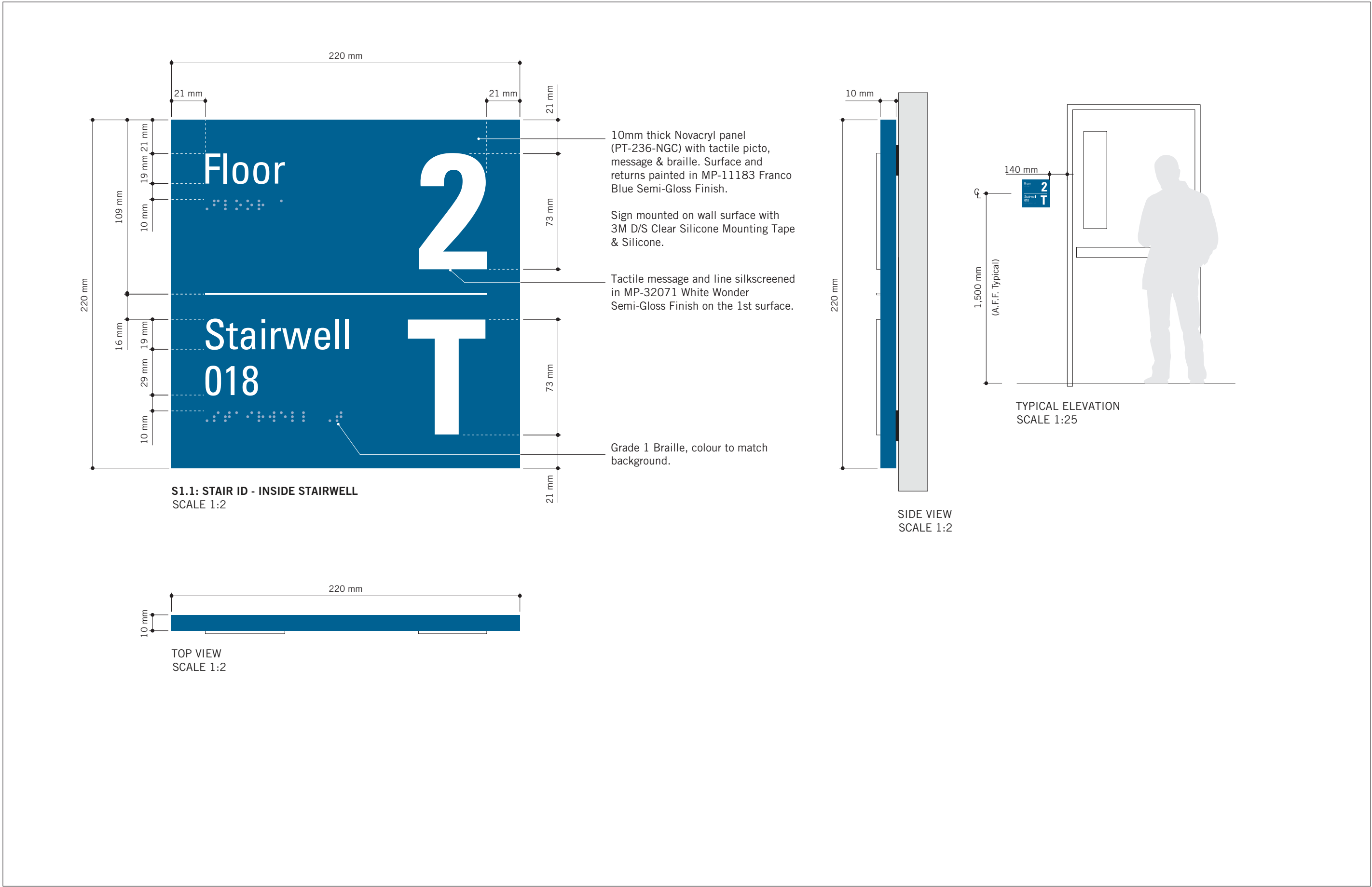
PROJECT TITLE
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ACCESSIBILITY UPGRADES

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
J4: ACCESSIBLE ENTRANCE

SHEET NUMBER D1907	ISSUE A
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55 John ST.
TORONTO, ON
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ISSUES

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

CONSULTANTS

SEAL

PRIME CONSULTANT

ARCADIS

100 - 175 Galaxy Blvd,
Toronto, ON M9W 0C9, Canada
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www.arcadis.com

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

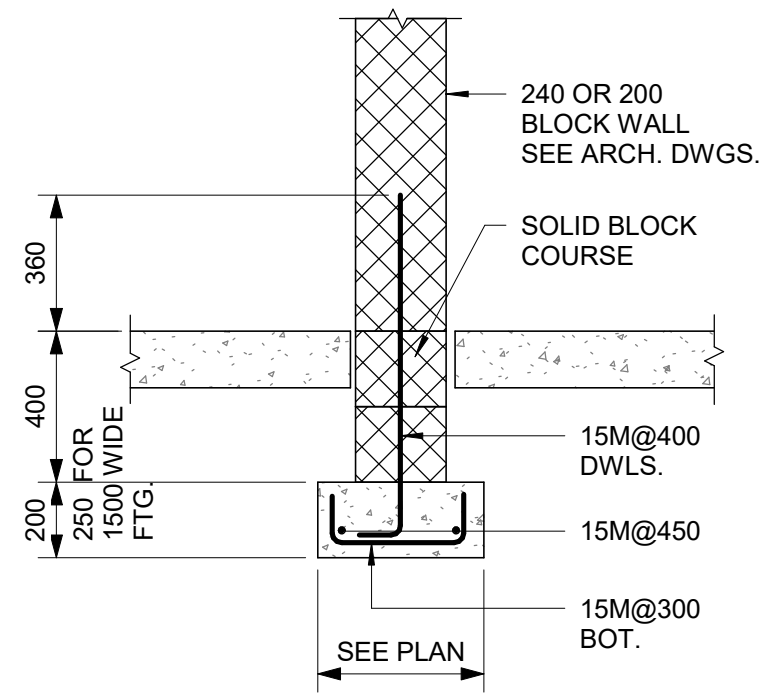
SIGNAGE & WAYFINDING
DETAILS
S1: STAIR ID

SHEET NUMBER

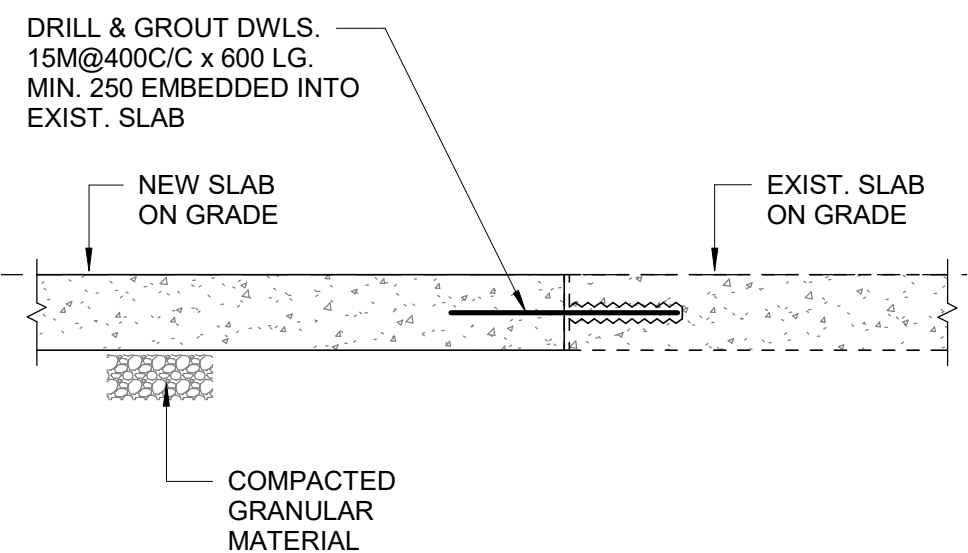
D1908

ISSUE

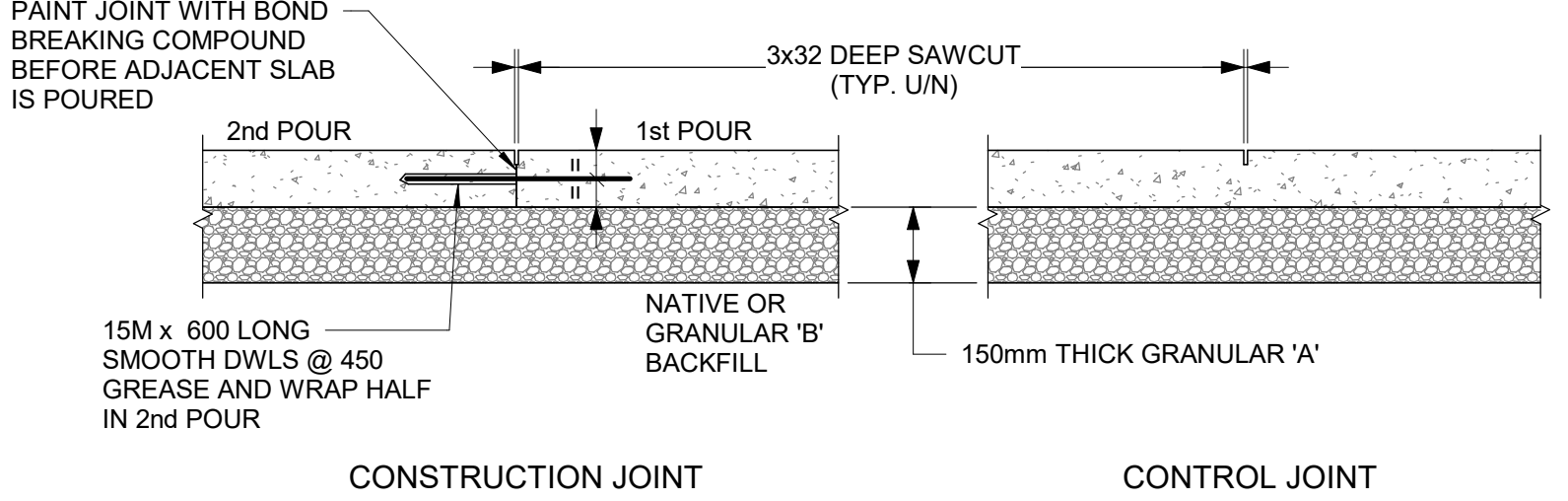
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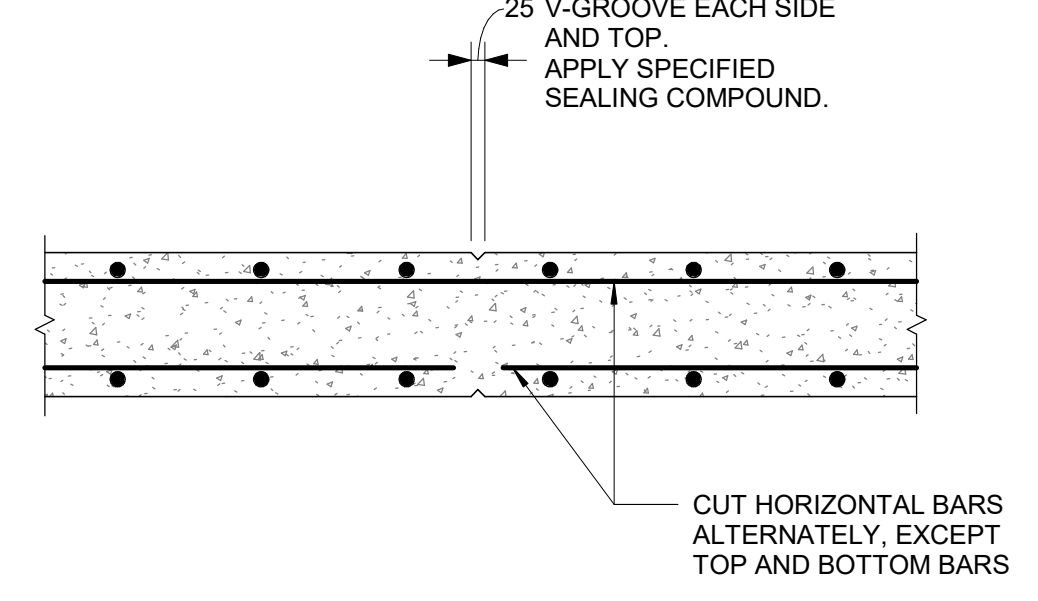
1 INTERIOR FOUNDATION WALL
D2100 Scale: NTS



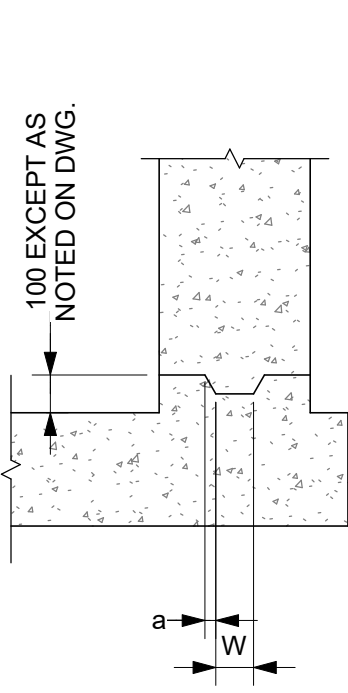
2 NEW SLAB CONNECTION TO EXISTING SLAB
D2100 Scale: NTS



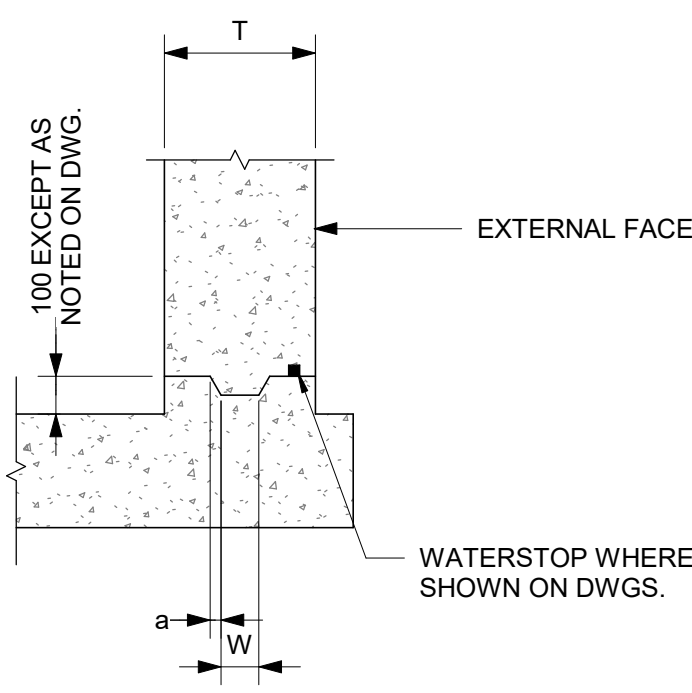
3 SLAB ON GRADE
D2100 Scale: NTS



4 RETAINING WALL CONTROL JOINT
D2100 Scale: 1 : 20



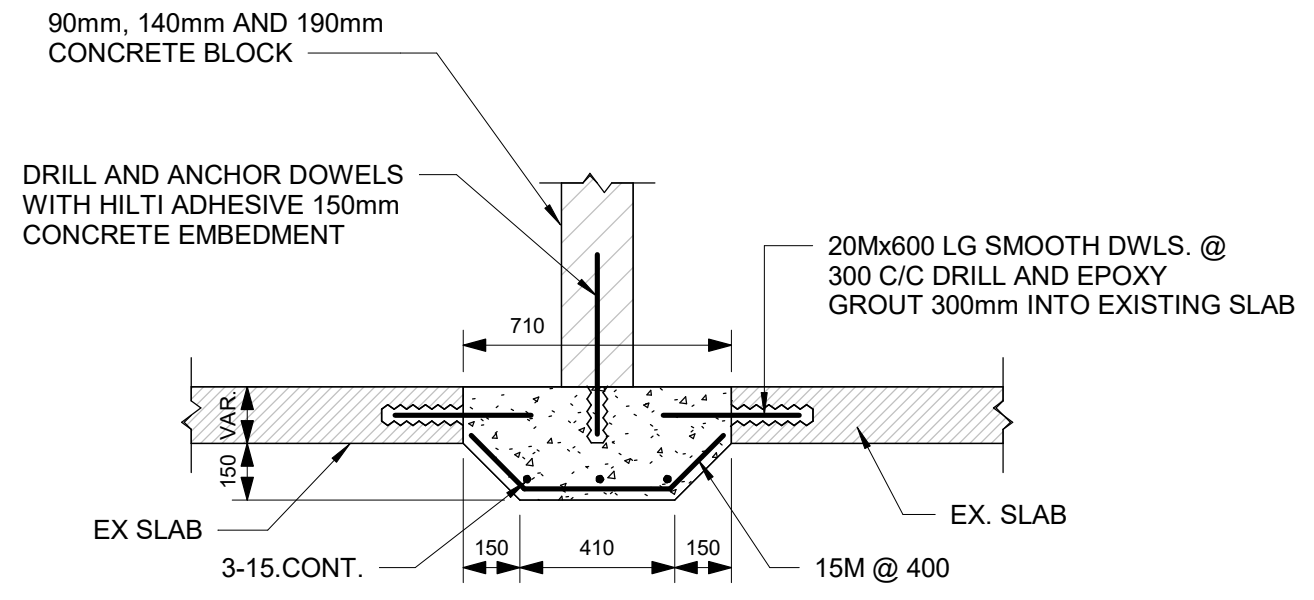
TYPE 1



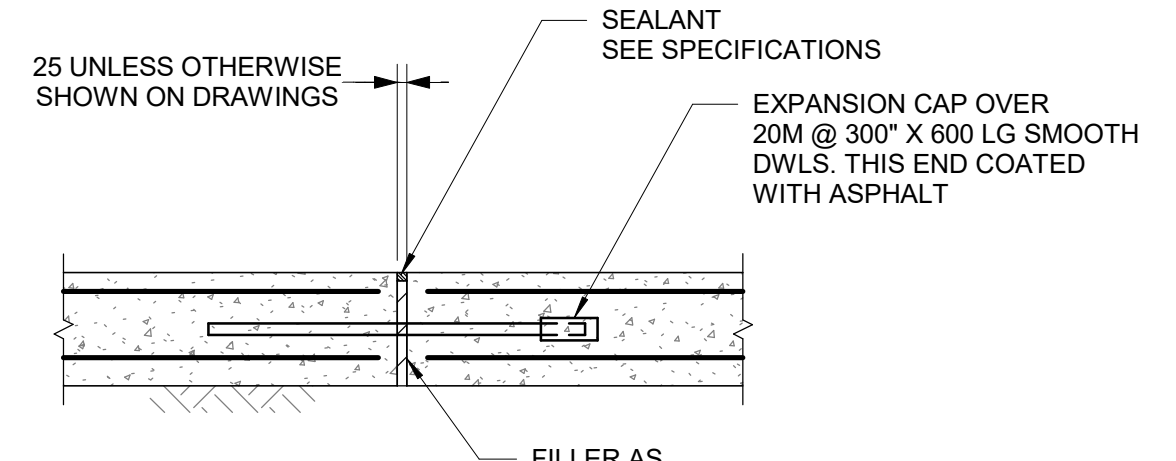
TYPE 1WS

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

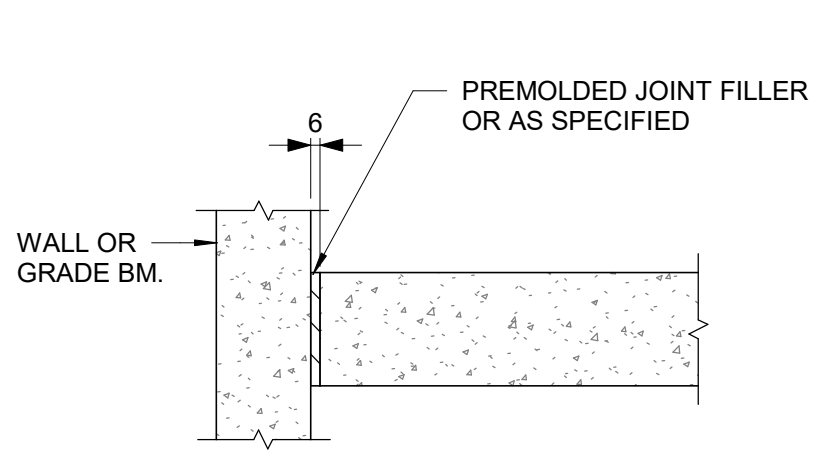
5 TYPICAL CONSTRUCTION JOINT AT EXTERIOR WALL
D2100 Scale: 1 : 20



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

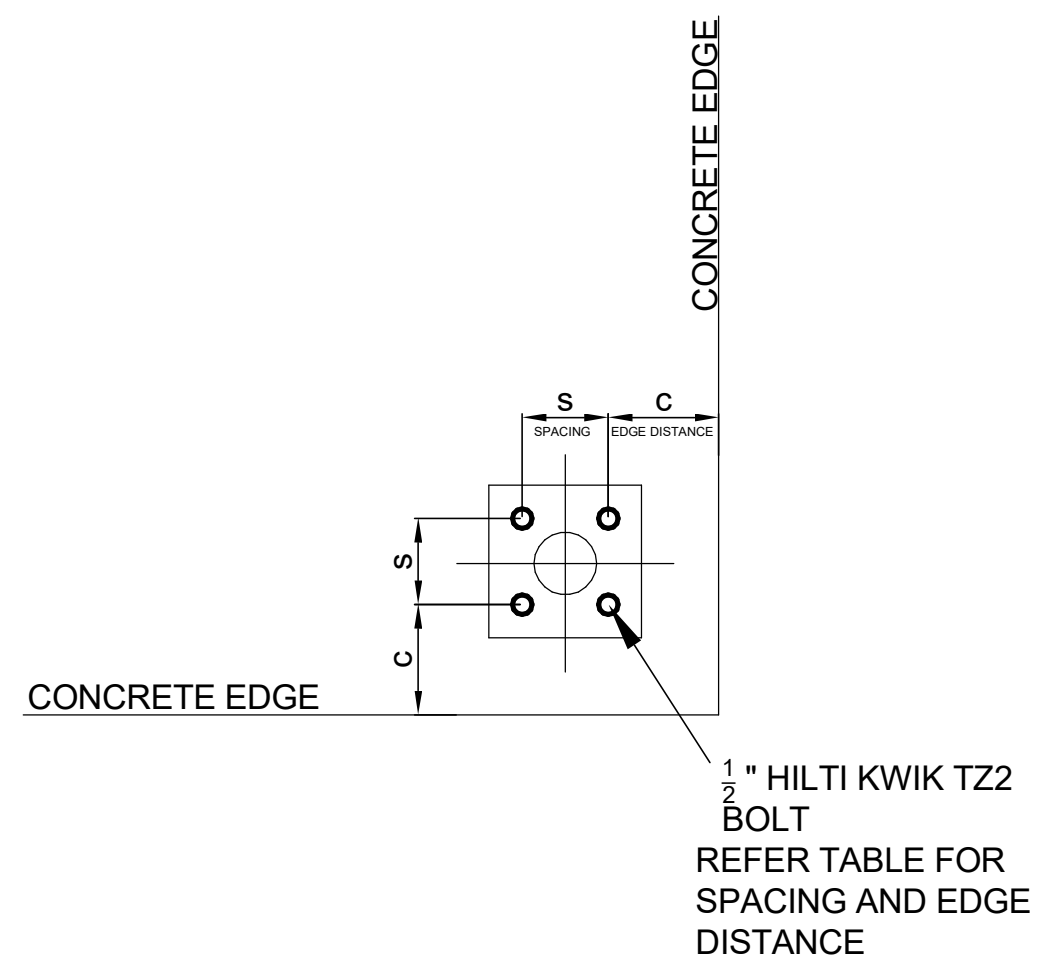


EXPANSION JOINTS



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 EMBED-MENT	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

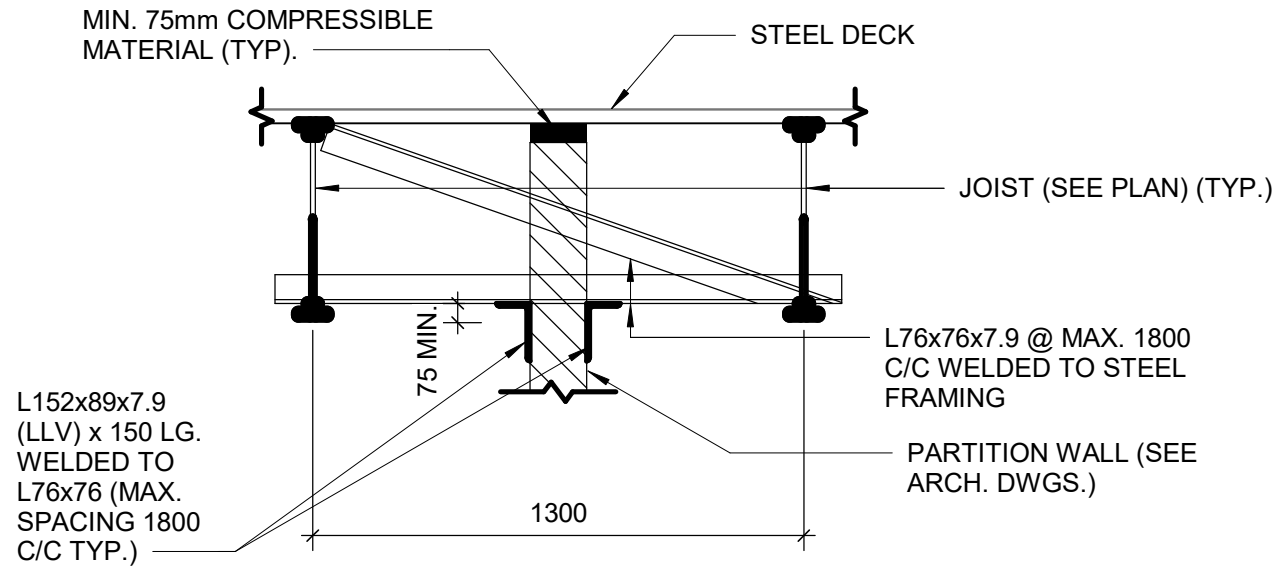
ISSUES		
No.	DESCRIPTION	DATE
A	50% SUBMISSION	2022-04-27
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C	ISSUED FOR PERMIT	2022-07-29
D	ISSUED FOR TENDER	2022-12-09
E	ISSUED FOR TENDER	2025-04-11

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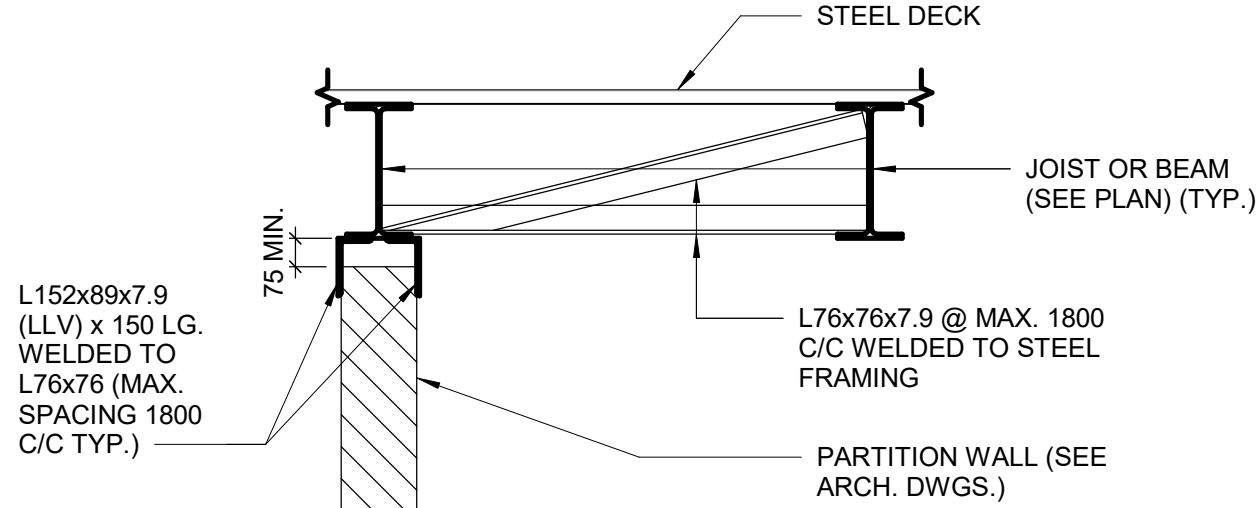
SEAL

PROJECT ADDRESS

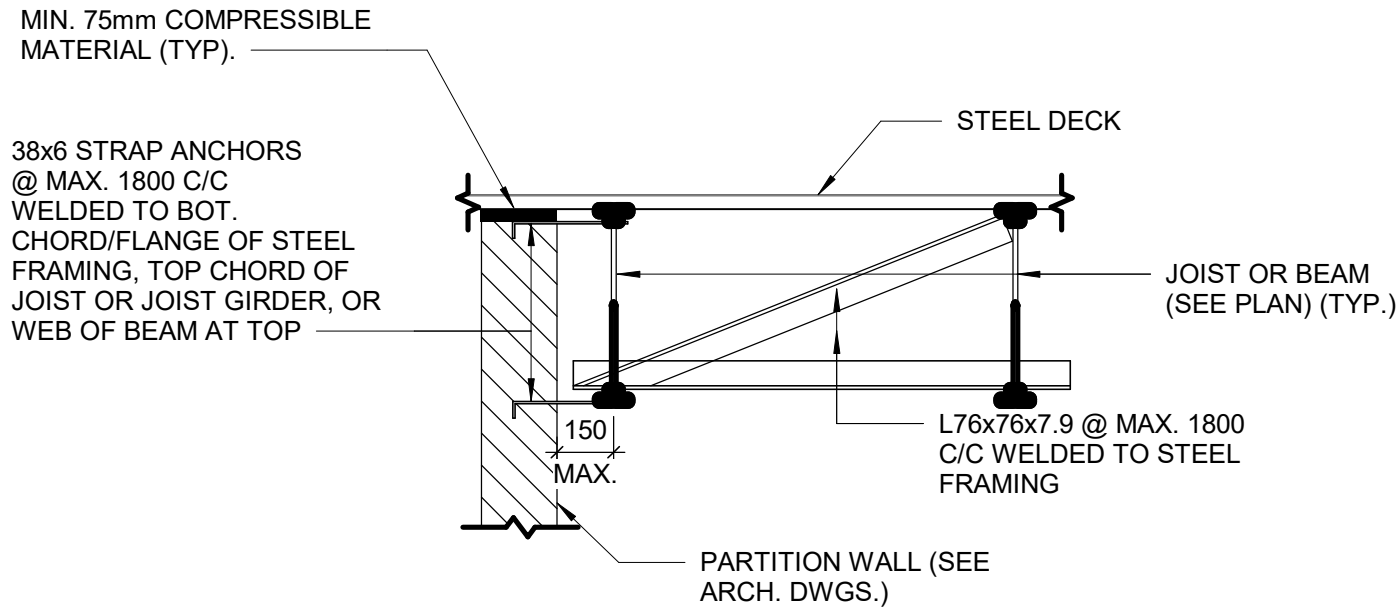
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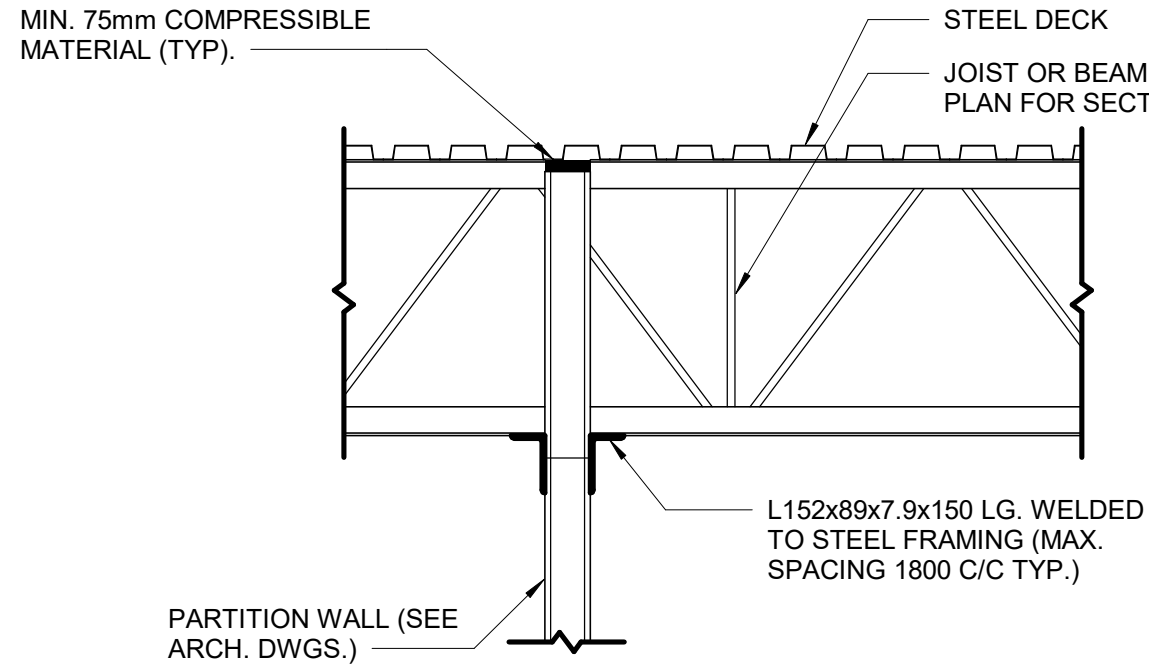
1 PARTITION WALL BETWEEN JOIST
D2200 Scale: 1 : 20



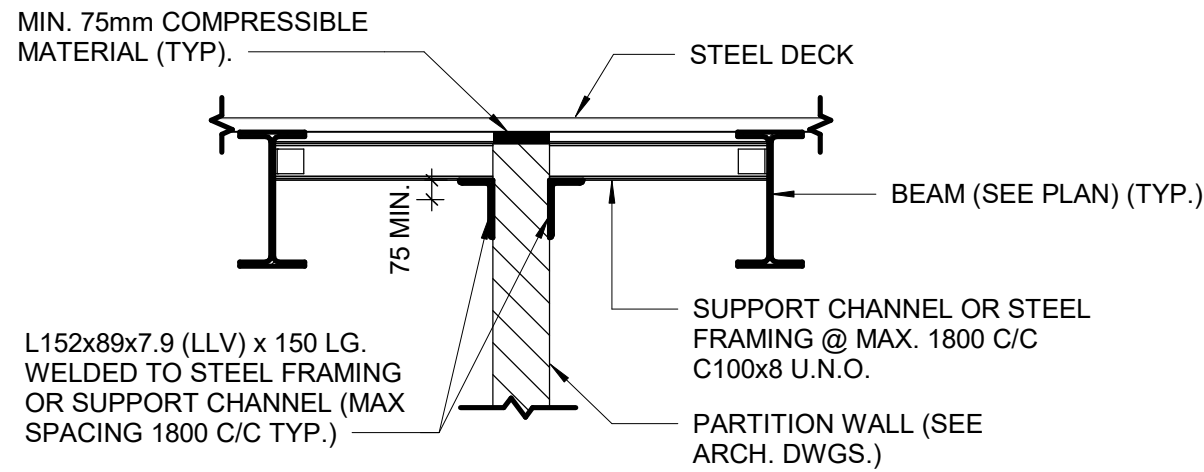
2 PARTITION WALL PARALLEL TO AND CENTERED ON JOIST OR BEAM
D2200 Scale: 1 : 20



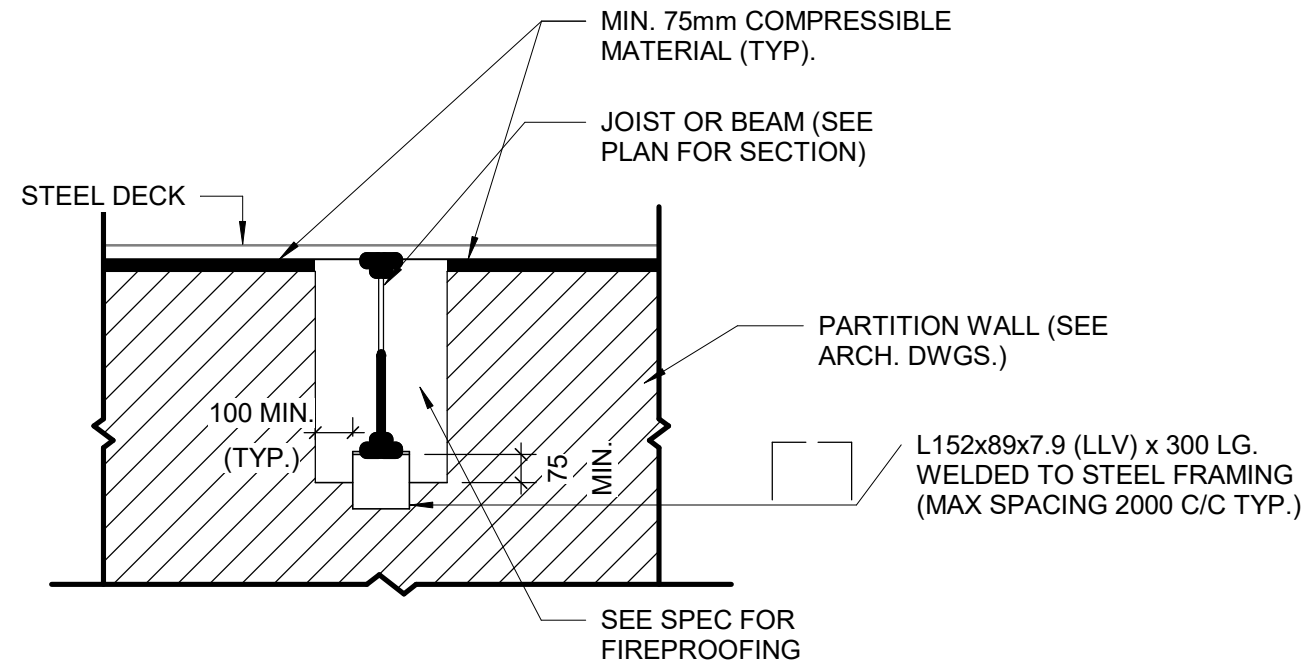
3 PARTITION WALL PARALLEL TO JOISTS OR BEAM
D2200 Scale: 1 : 20



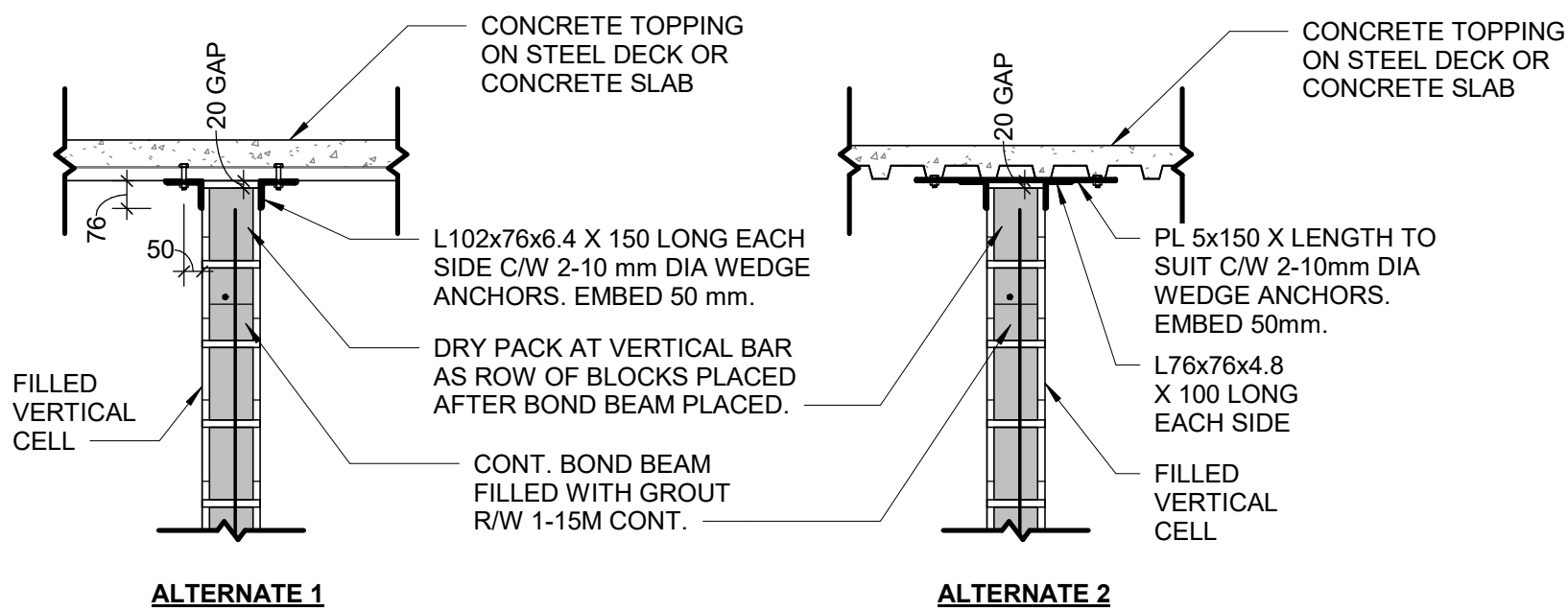
4 PARTITION WALL PERPENDICULAR TO JOIST OR BEAM
D2200 Scale: 1 : 20



5 PARTITION WALL BETWEEN BEAMS
D2200 Scale: 1 : 20

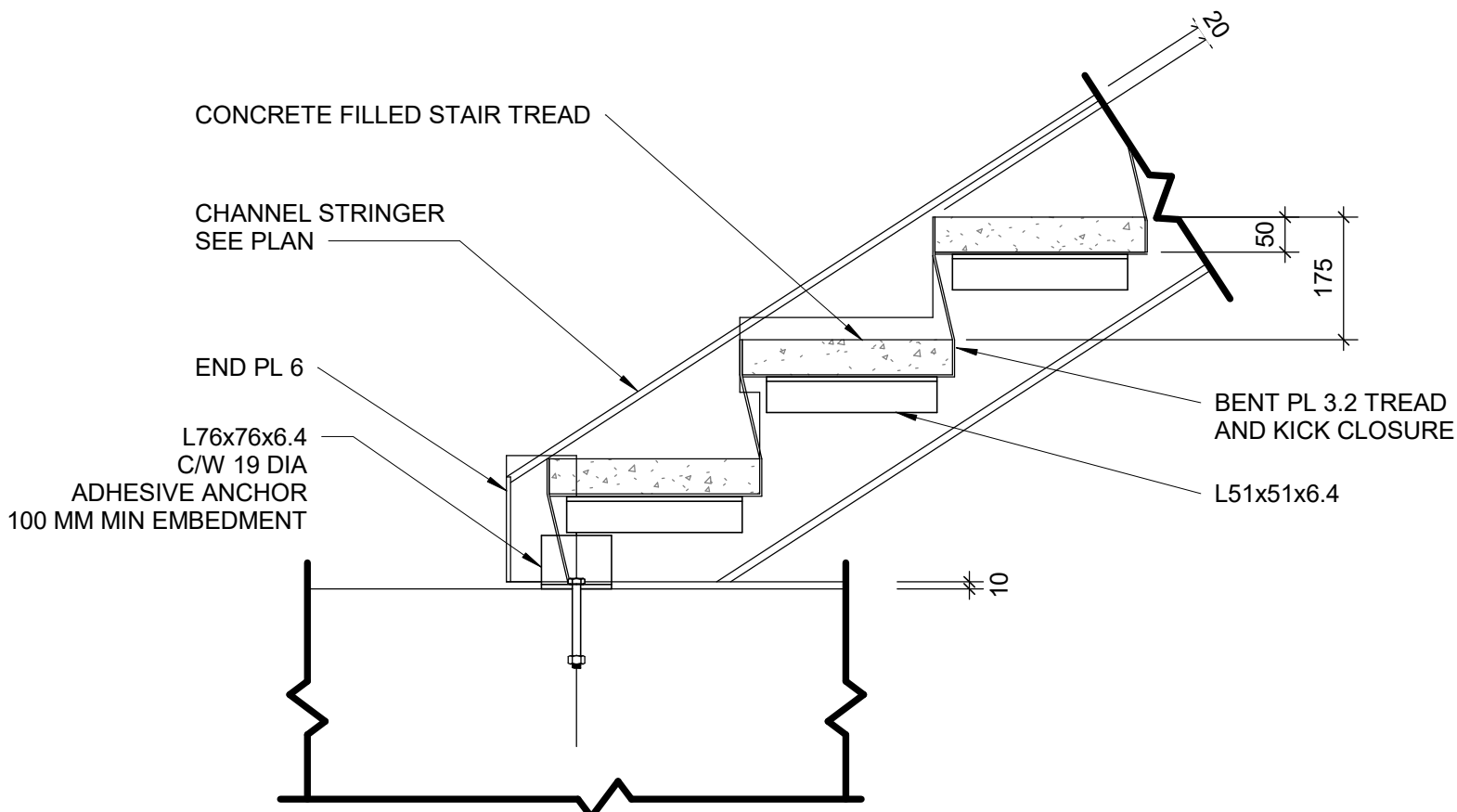


6 PARTITION PERPENDICULAR TO JOIST OR BEAMS
D2200 Scale: 1 : 20

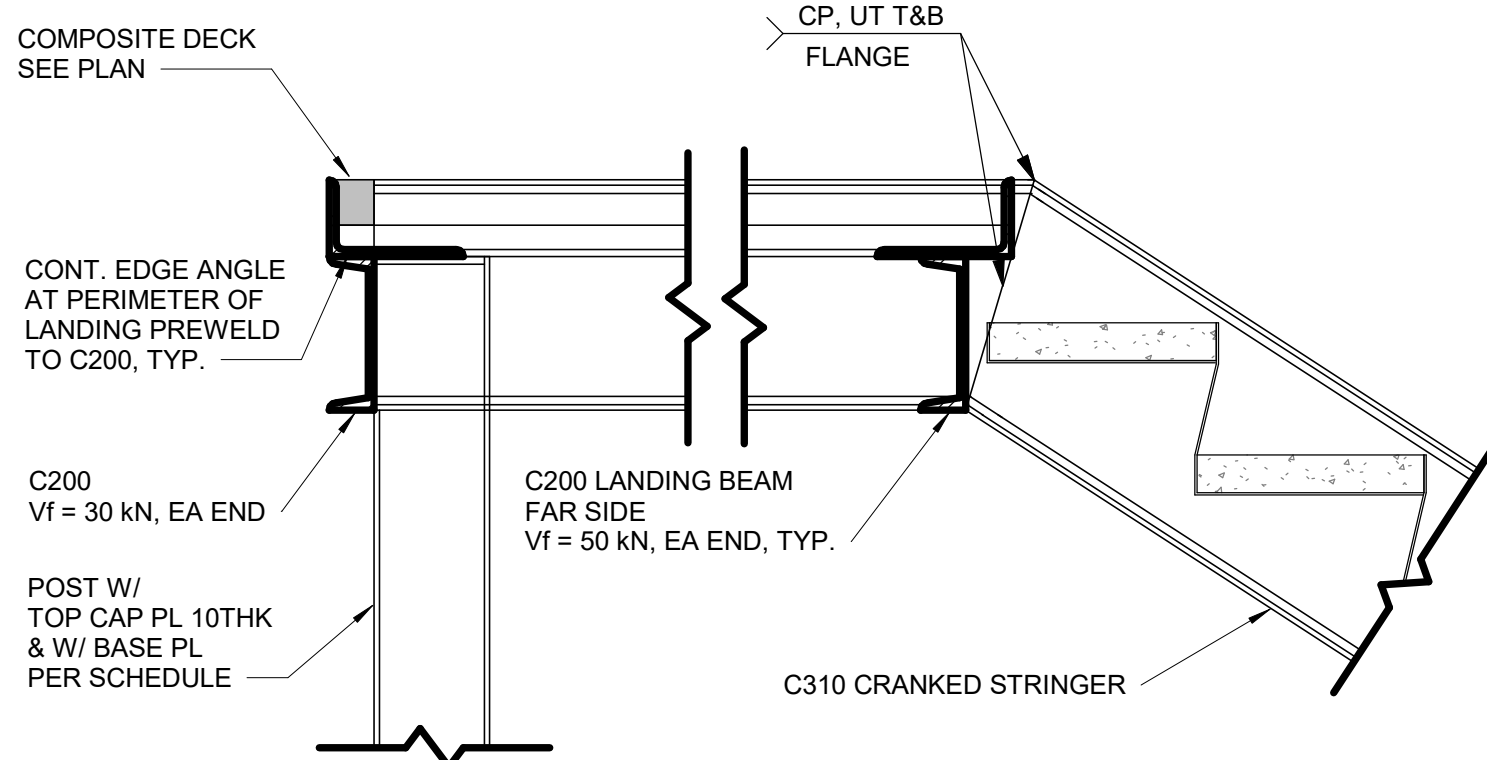


NOTES:
1. ALL CONNECTIONS TO BE AT FILLED VERTICAL CELLS AT 1200 mm O/C MAXIMUM UNLESS NOTED OTHERWISE.
2. FIELD WELD ANGLES TO EMBEDDED PLATE.

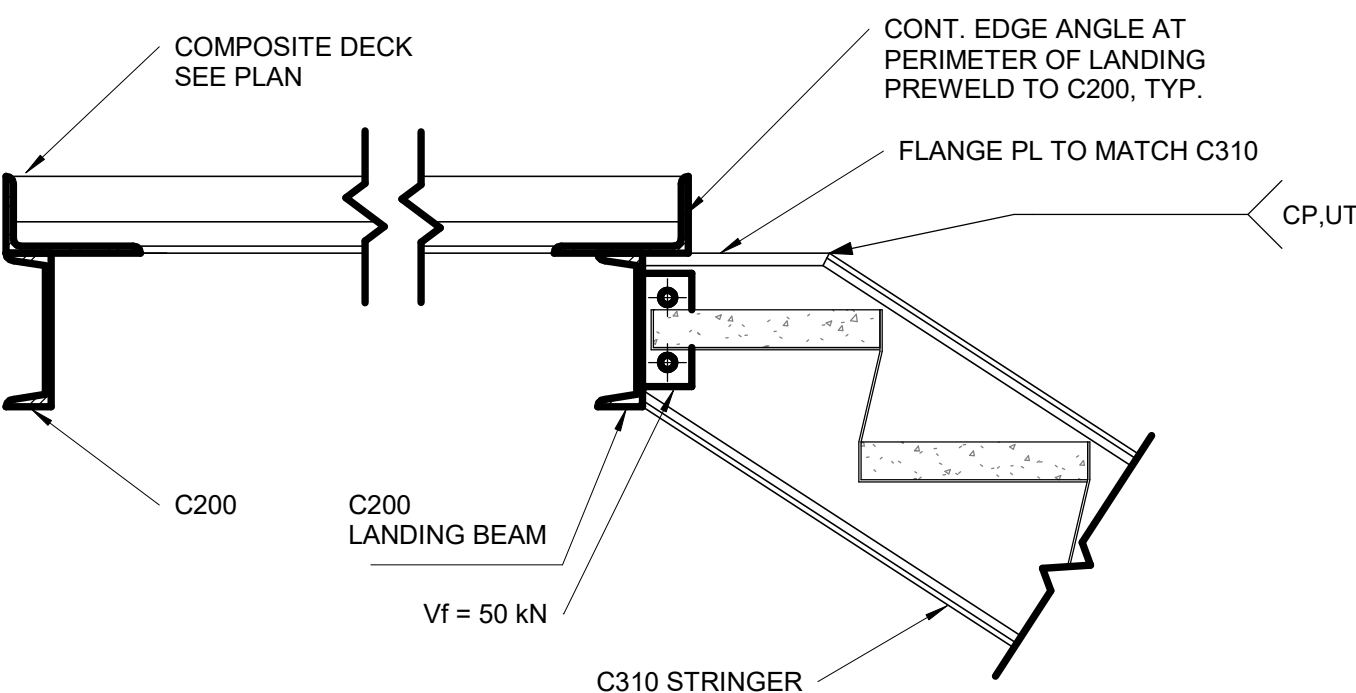
7 SUPPORT DETAIL AT TOP OF BLOCK WALL
D2200 Scale: 1 : 20



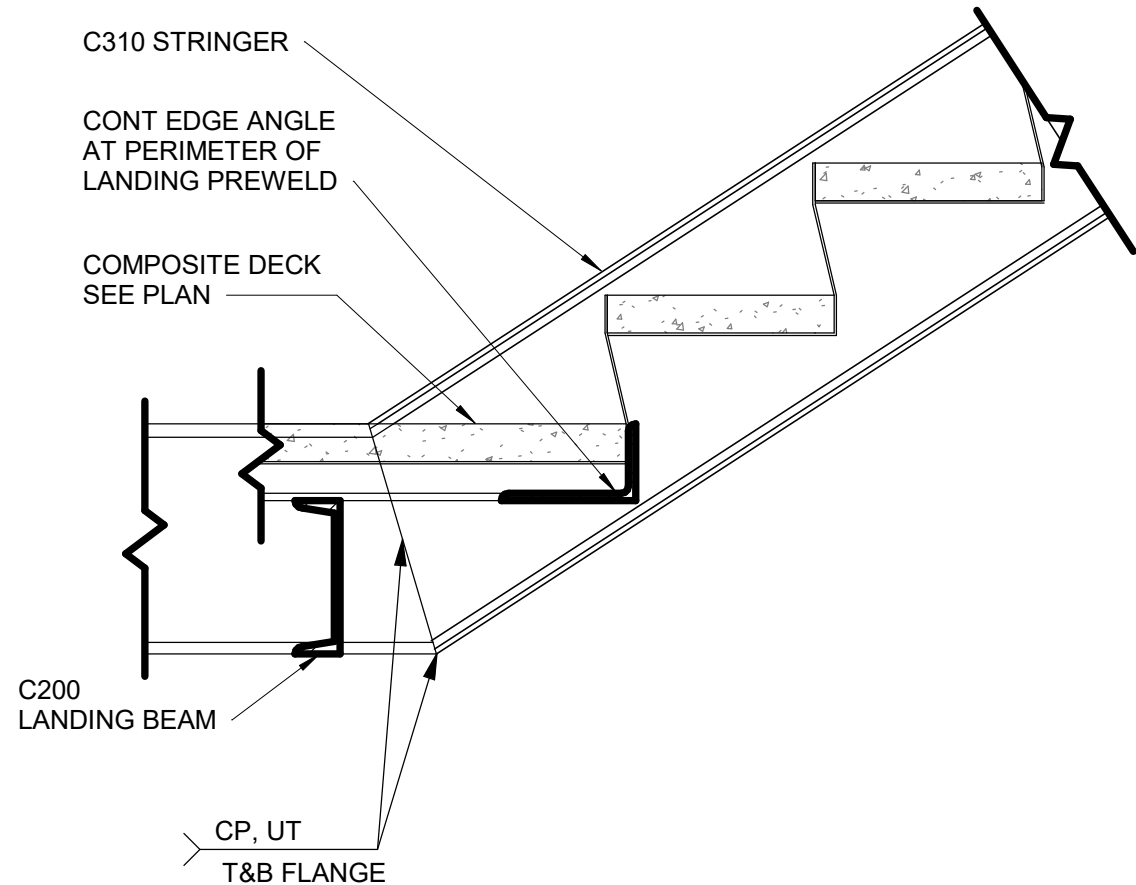
8 TYPICAL SLAB UNDER STRINGER
D2200 Scale: 1 : 10



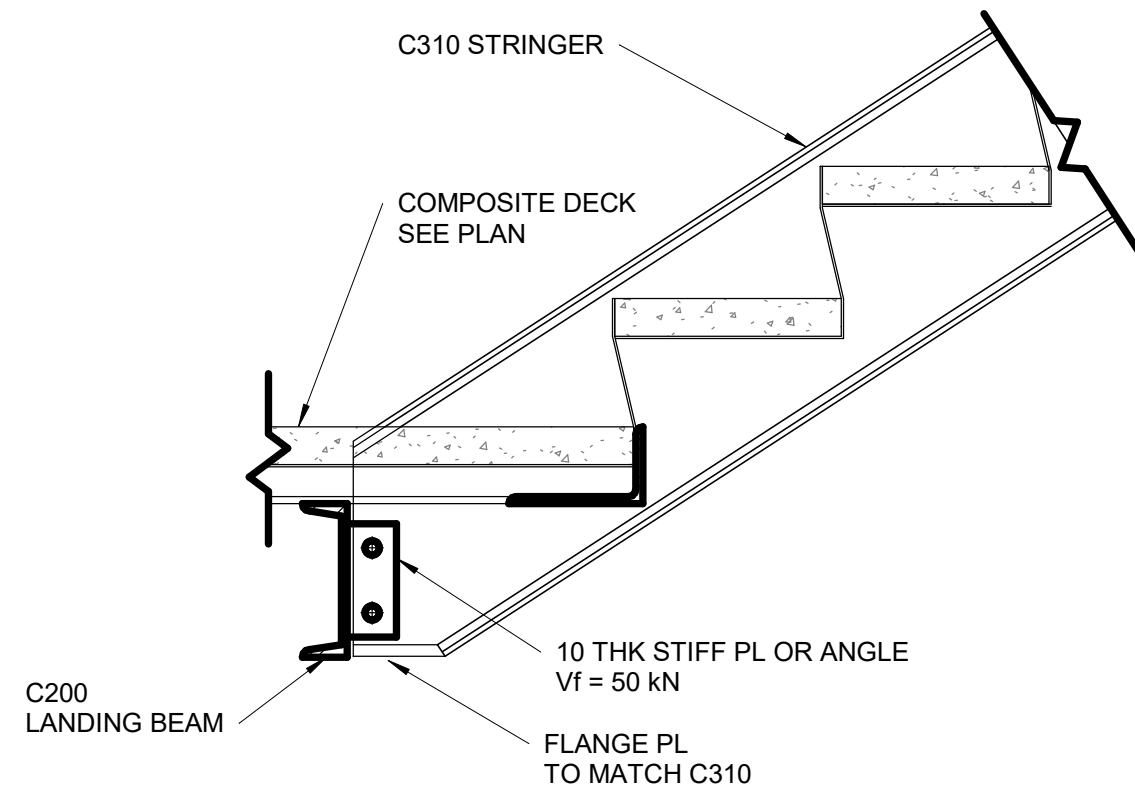
9 TYPICAL SECTION AT UPPER LANDING STRINGER
D2200 Scale: 1 : 10



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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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

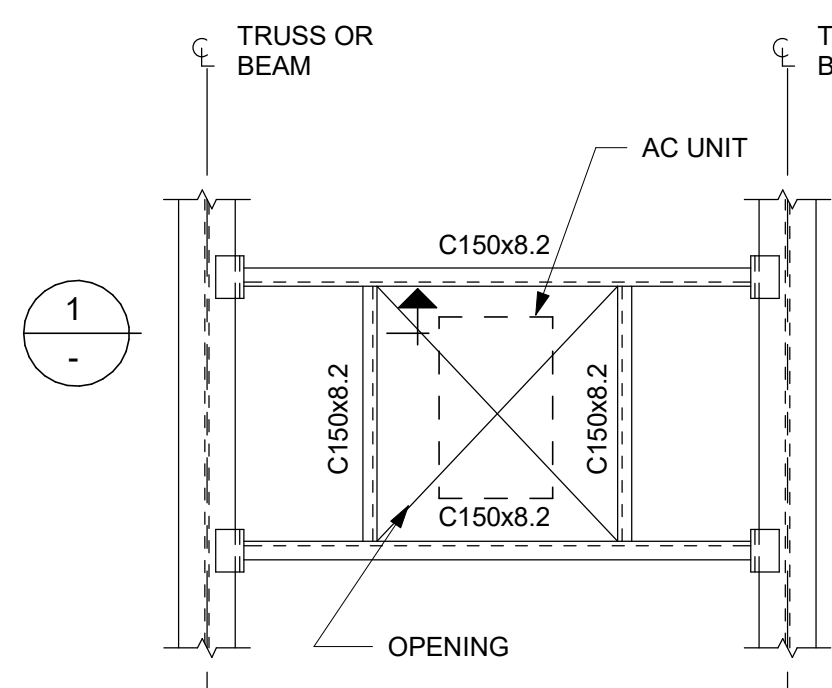
ISSUE

E

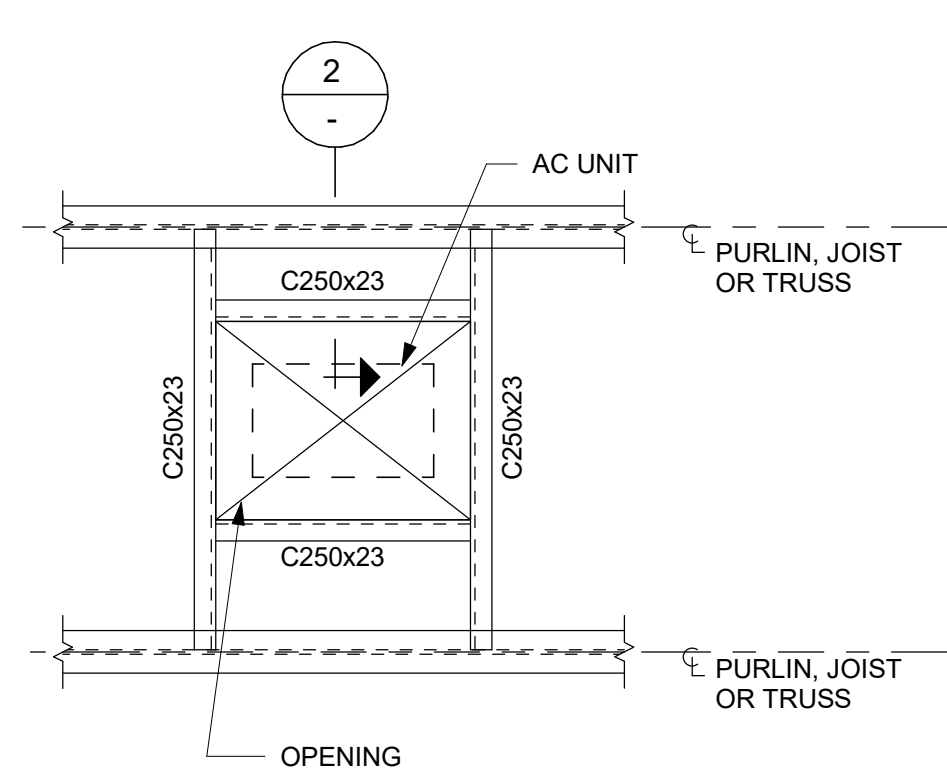
Autodesk Docs // 122260 - Cot TAU Upgrades R2024122260-TAU-G03-Details-R20.rvt

10mm

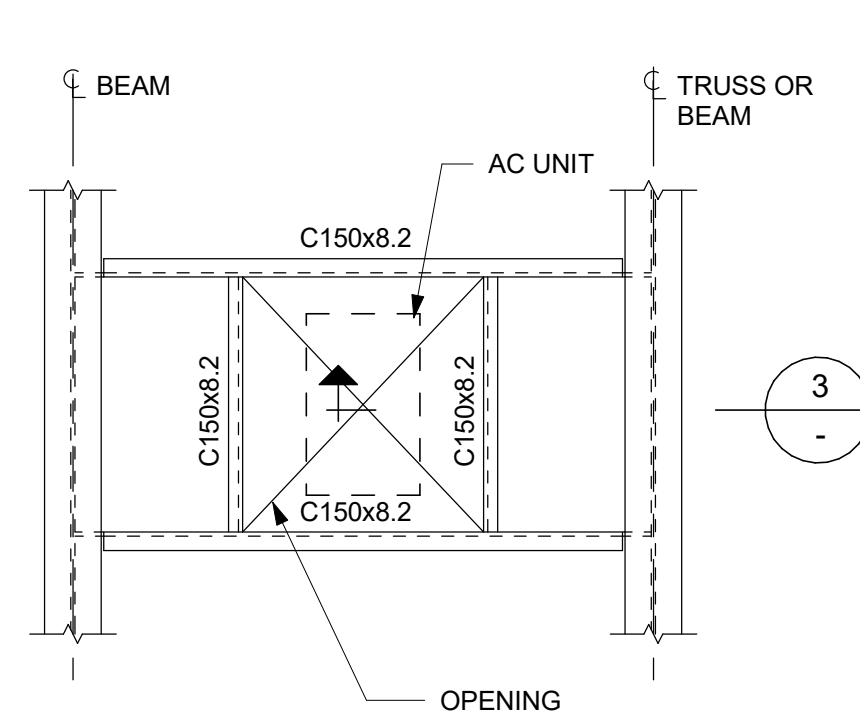
SCALE CHECK
1 mm



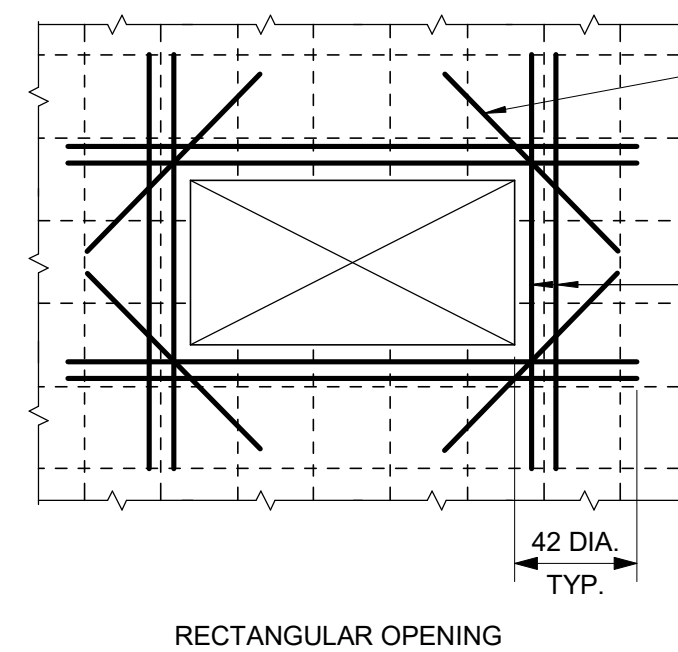
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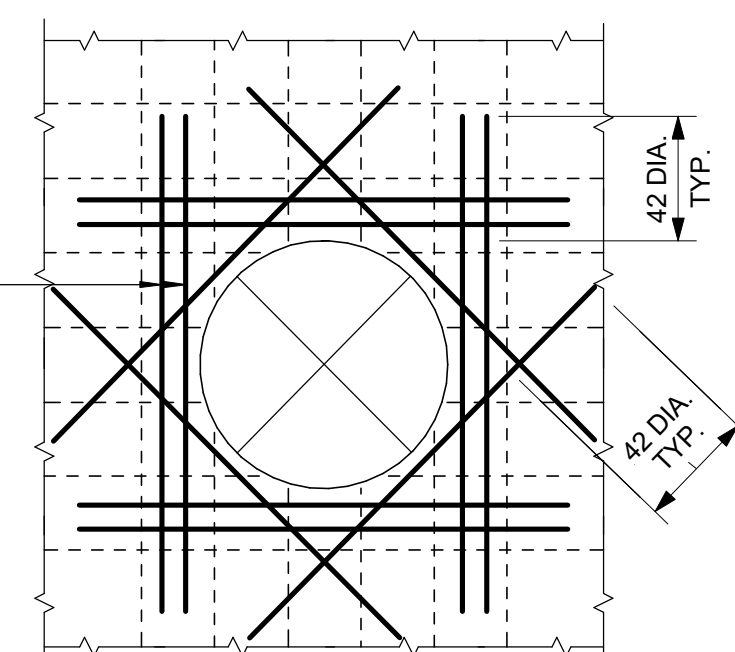
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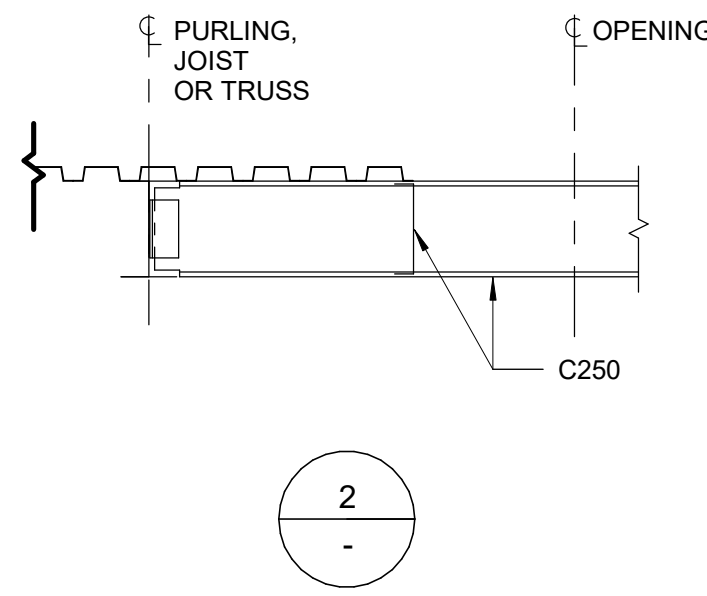
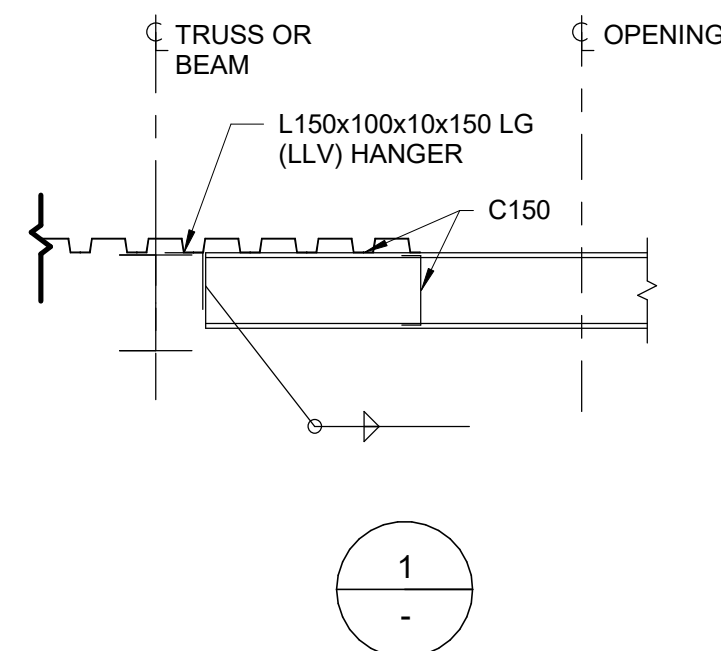
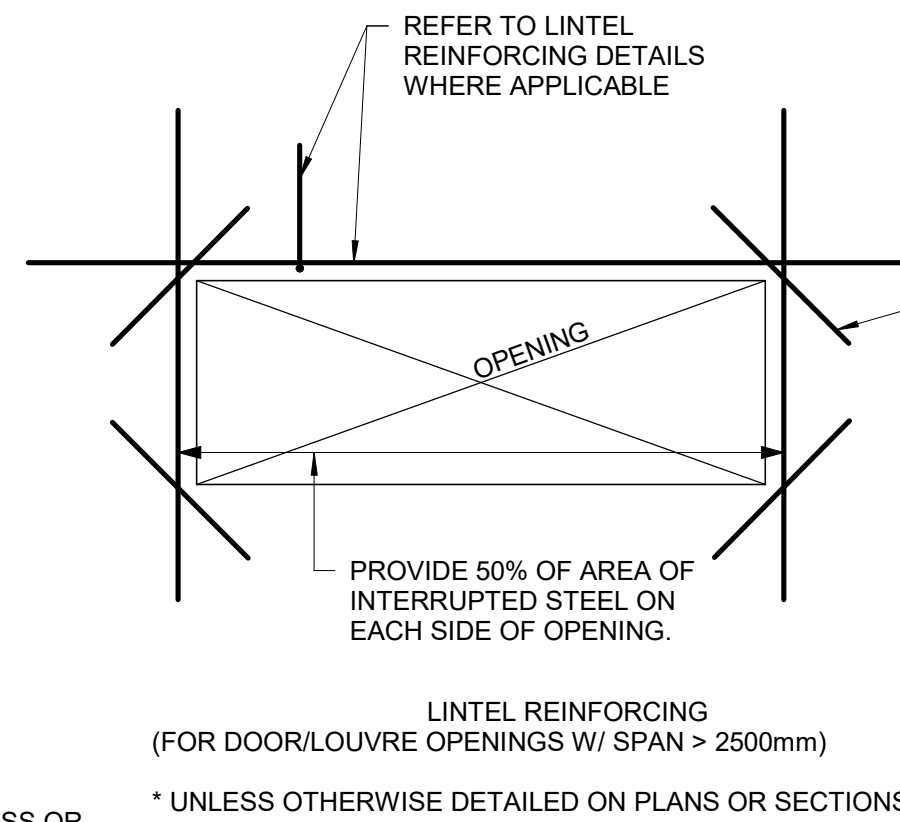
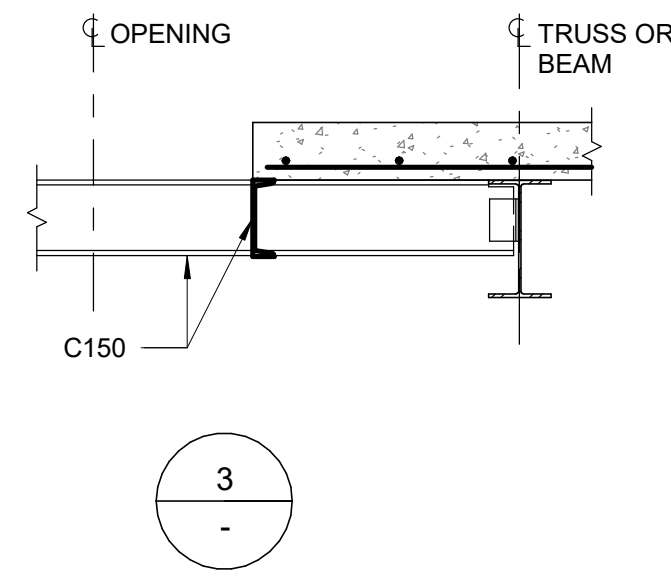
RECTANGULAR OPENING

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.

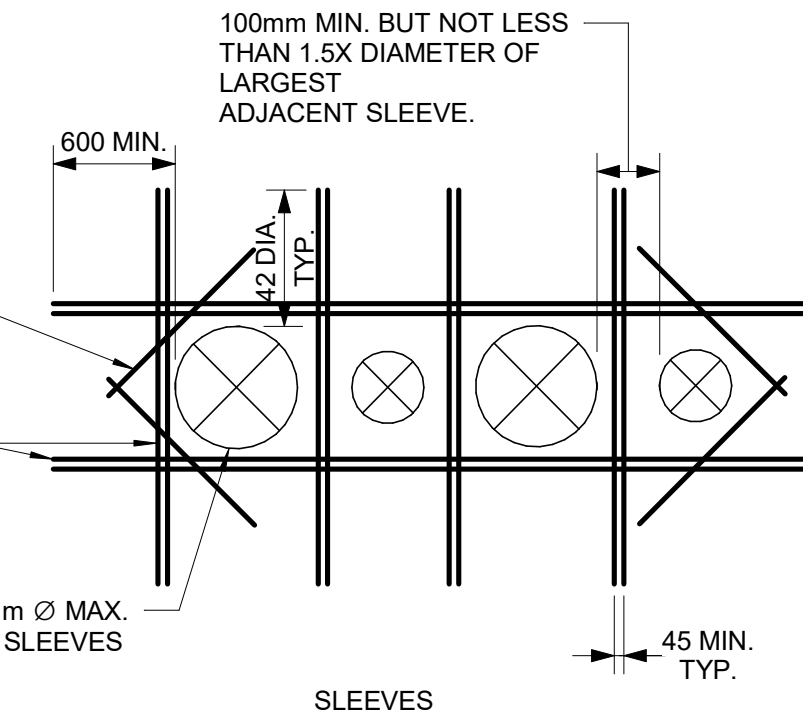


CIRCULAR OPENING

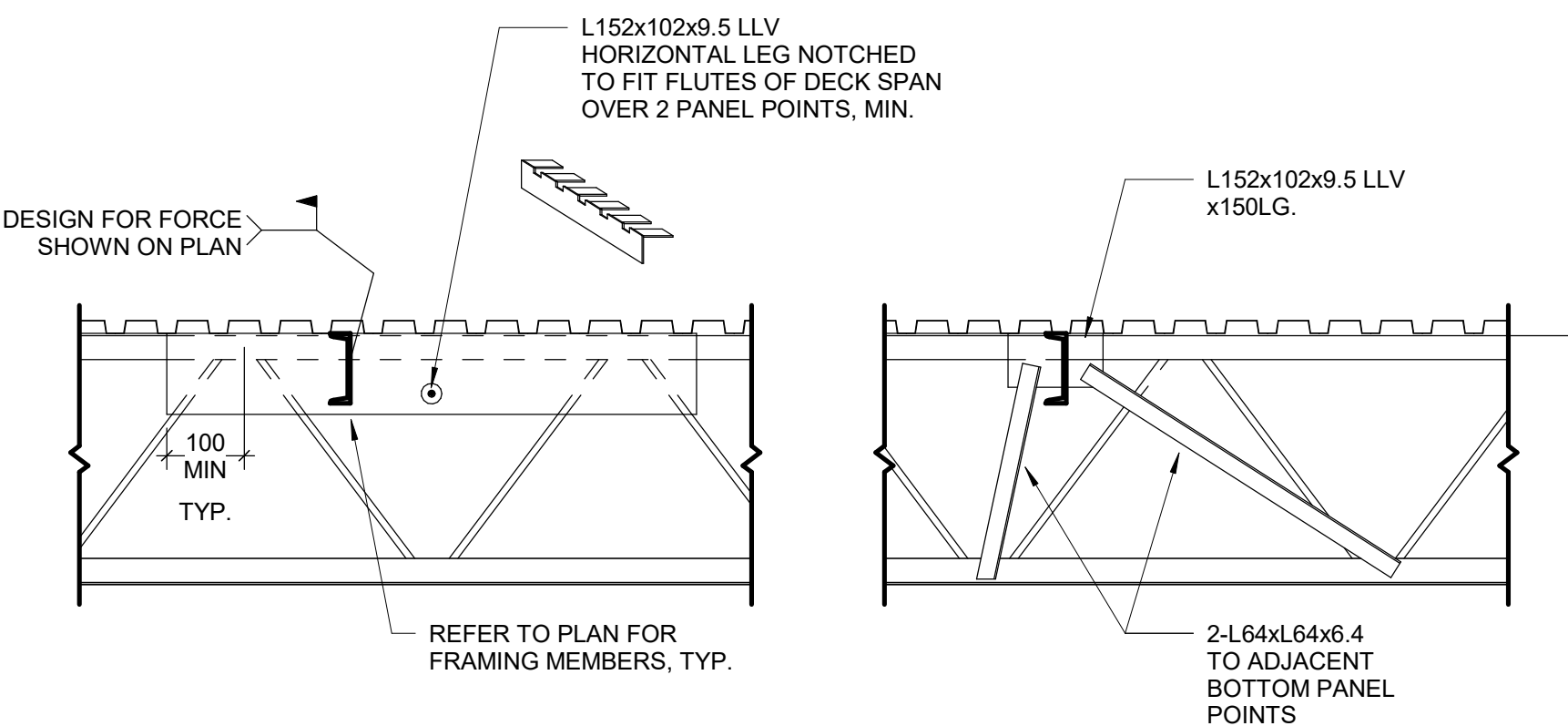
1 TYPICAL ROOF OPENING
D2201 Scale: 1 : 20LINTEL REINFORCING
(FOR DOOR/LOUVRE OPENINGS W/ SPAN > 2500mm)

* UNLESS OTHERWISE DETAILED ON PLANS OR SECTIONS

PLACE 50% OF AREA OF INTERRUPTED STEEL ON EACH SIDE OF OPENING. WHERE OPENING IS IN CORNER OF SLAB, PLACE 100% OF INTERRUPTED STEEL ON SLAB SIDE.

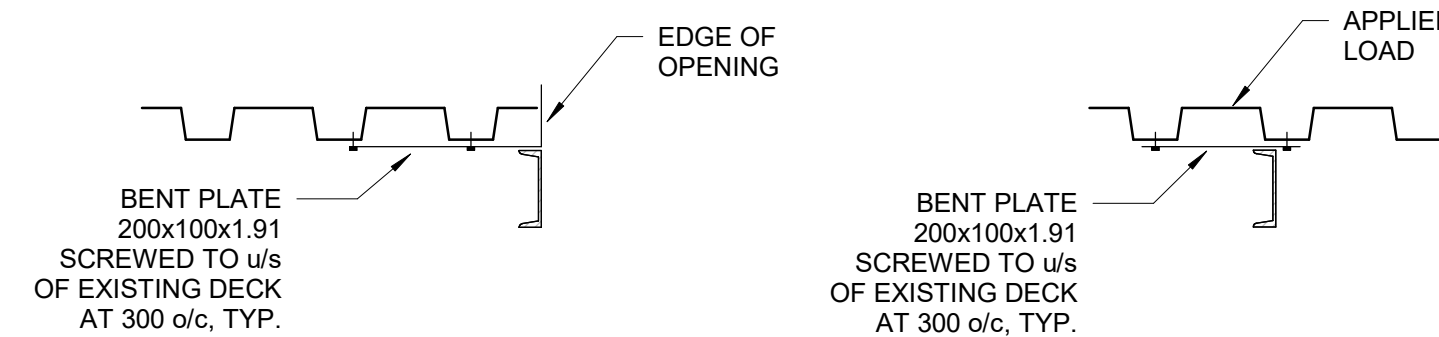


SLEEVES

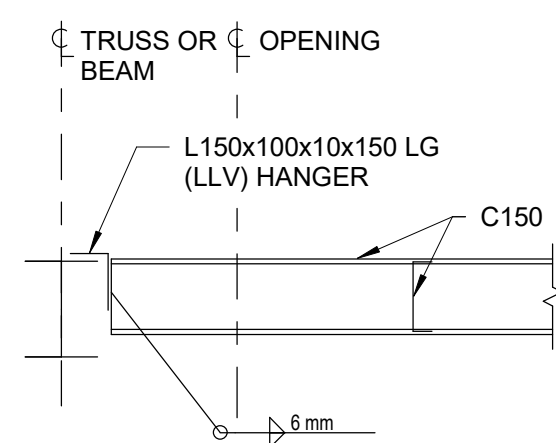
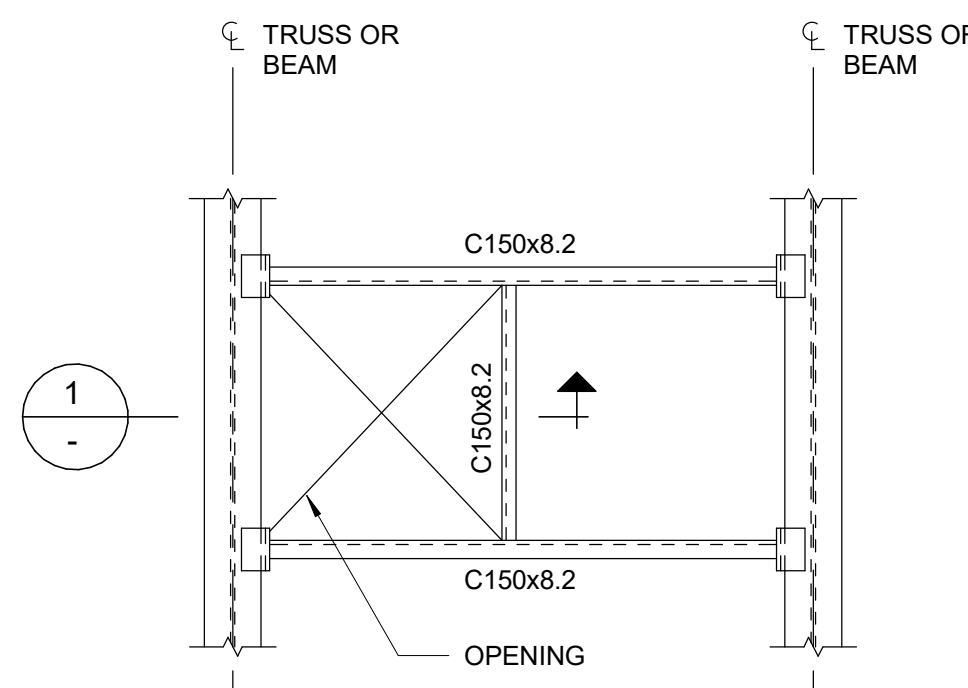
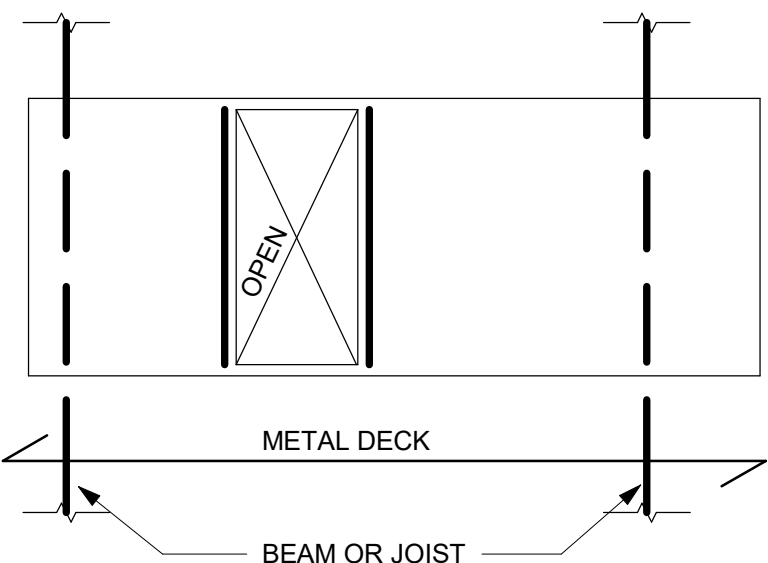


DETAIL AT EXISTING JOIST

(TWO OPTIONS SHOWN)

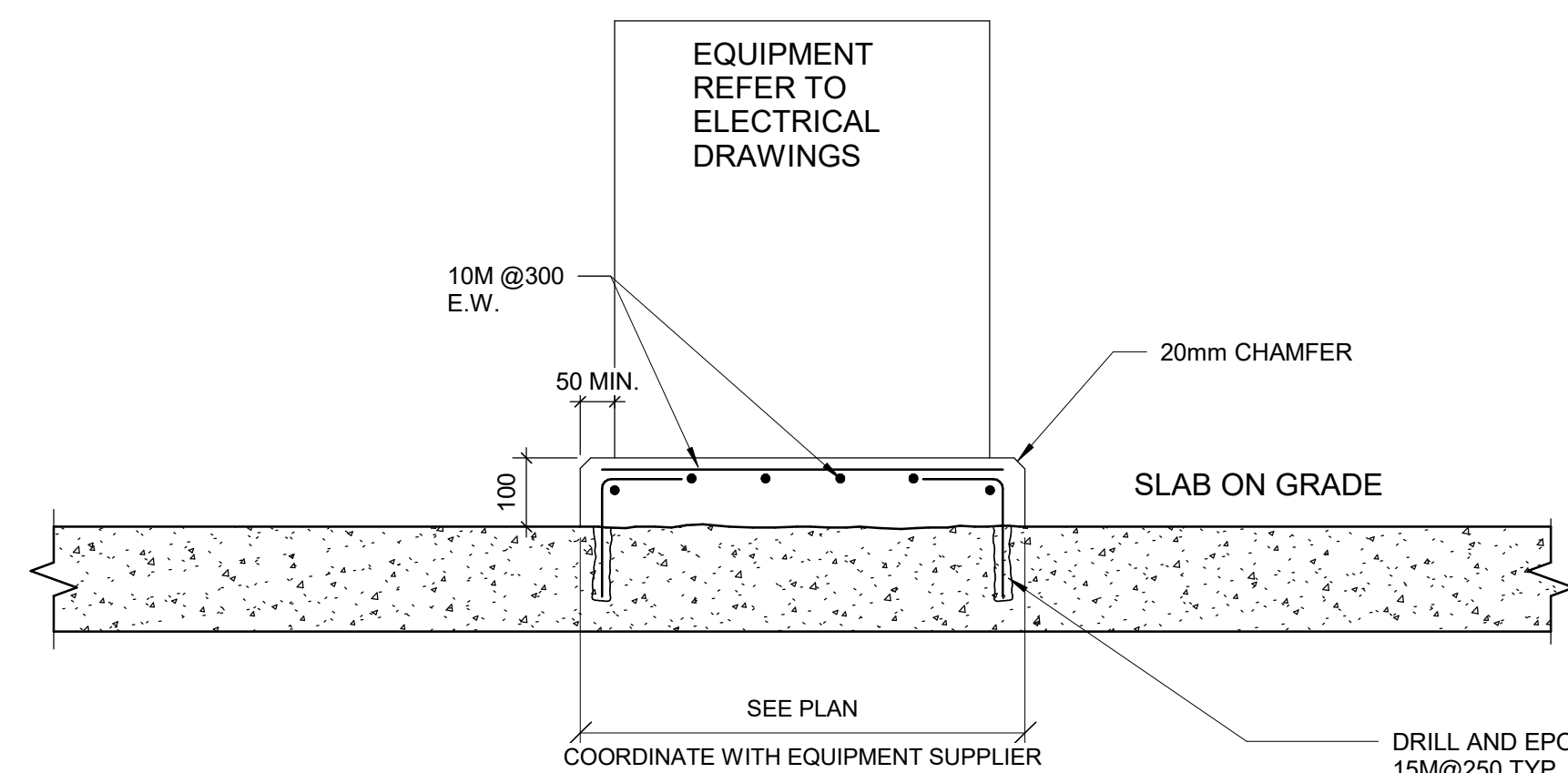


DETAIL AT EXISTING DECK

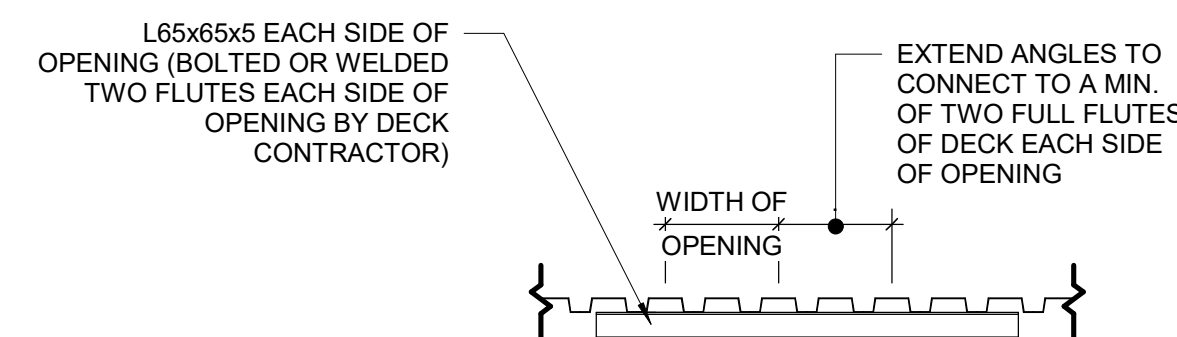
3 FRAMING INTO EXISTING STEEL JOISTS AND DECK
D2201 Scale: 1 : 204 TAU-S-014-00 TYPICAL ROOF OPENING ADJACENT TO BEAM
D2201 Scale: 1 : 206 OPENINGS IN METAL ROOF DECK
D2201 Scale: 1 : 20

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.

2 ADD'L REINF. TO OPENINGS IN CONC. WALLS AND SLABS
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 : 107 METAL DECK OPENINGS 200 TO 360 WIDE
D2201 Scale: 1 : 20

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DRAWN BY:
G. POULOU

CHECKED BY:
M. FAYAZI

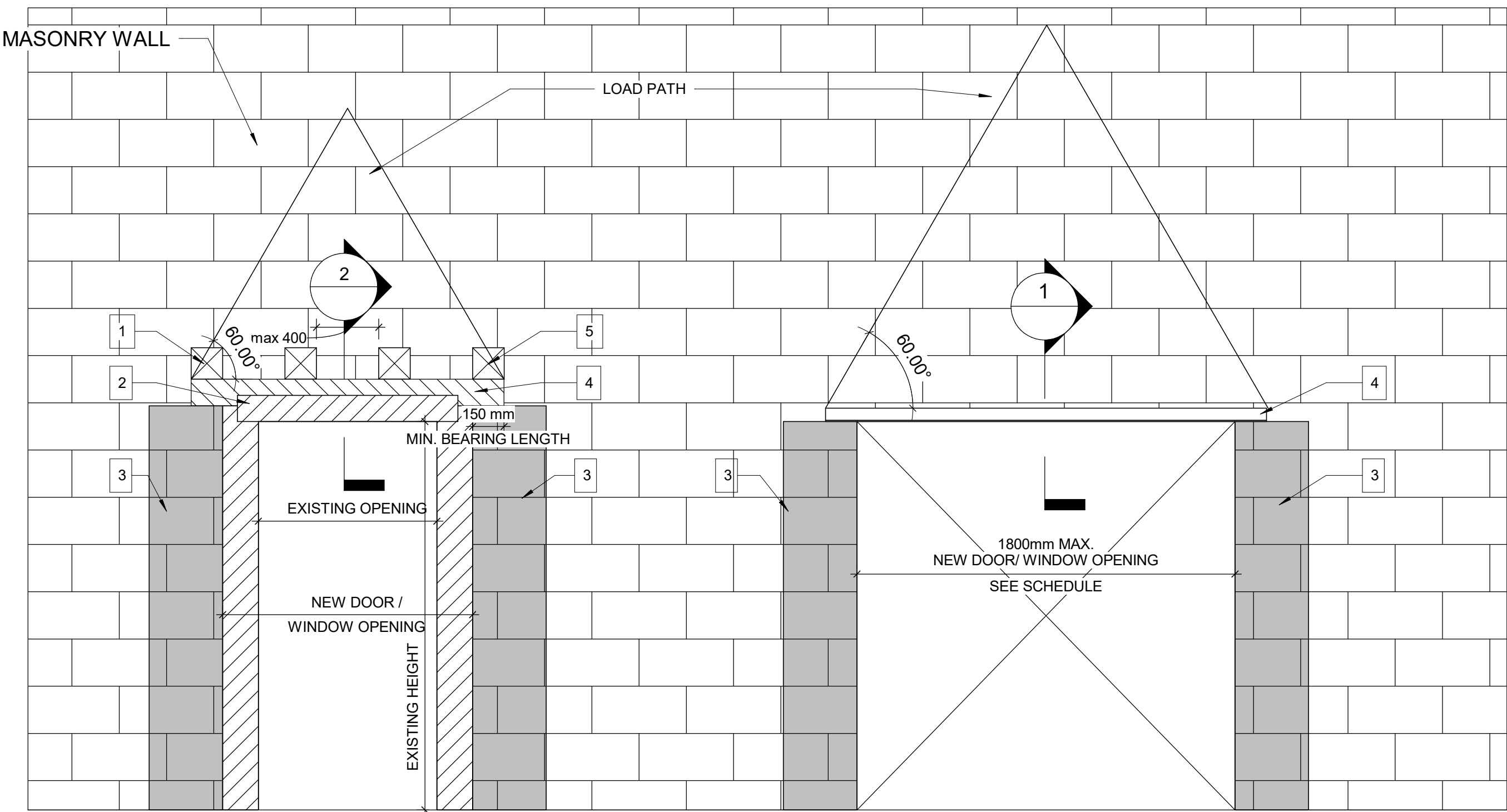
PROJECT MGR:
N. FRISIC

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.**

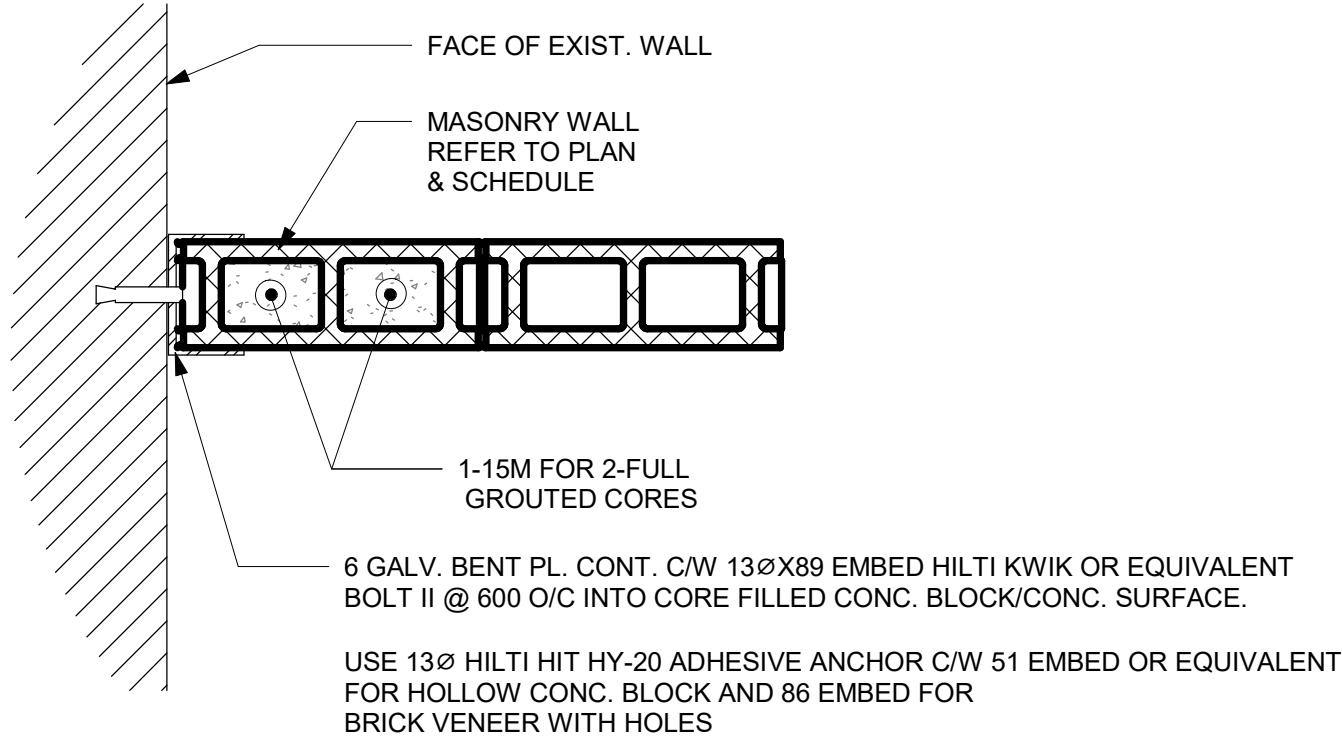
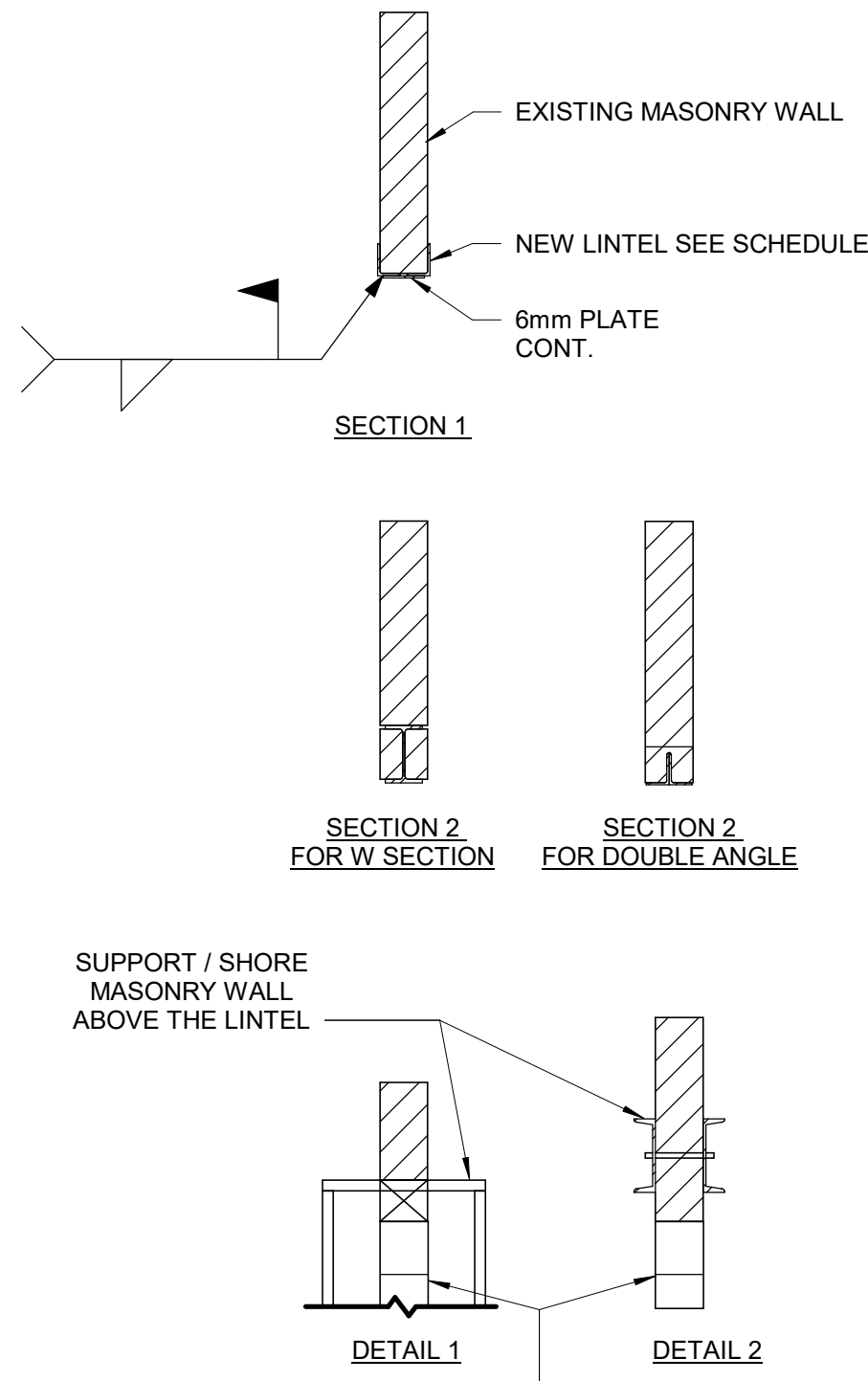
LINTEL:

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

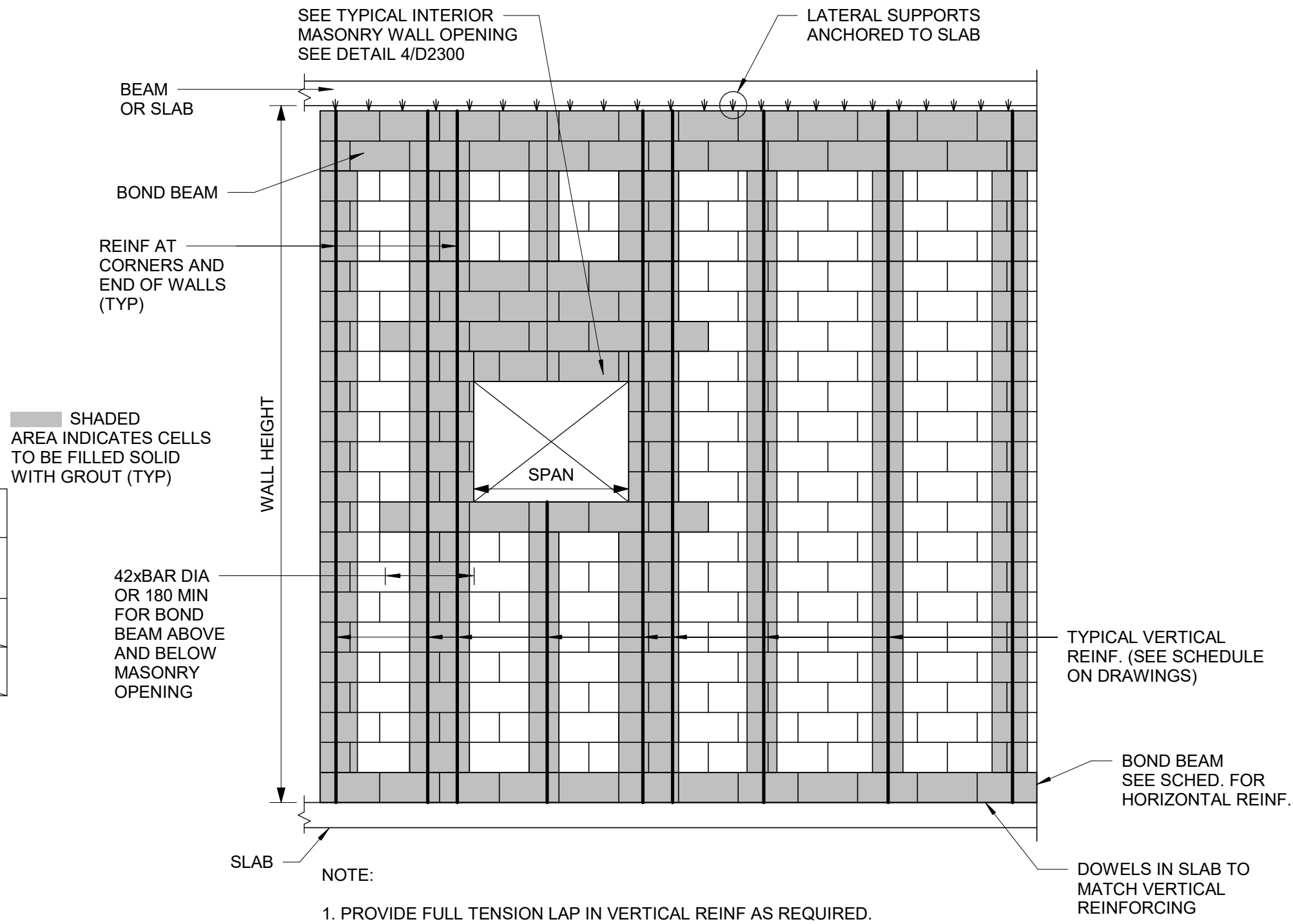
STEEL LINTELS

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		

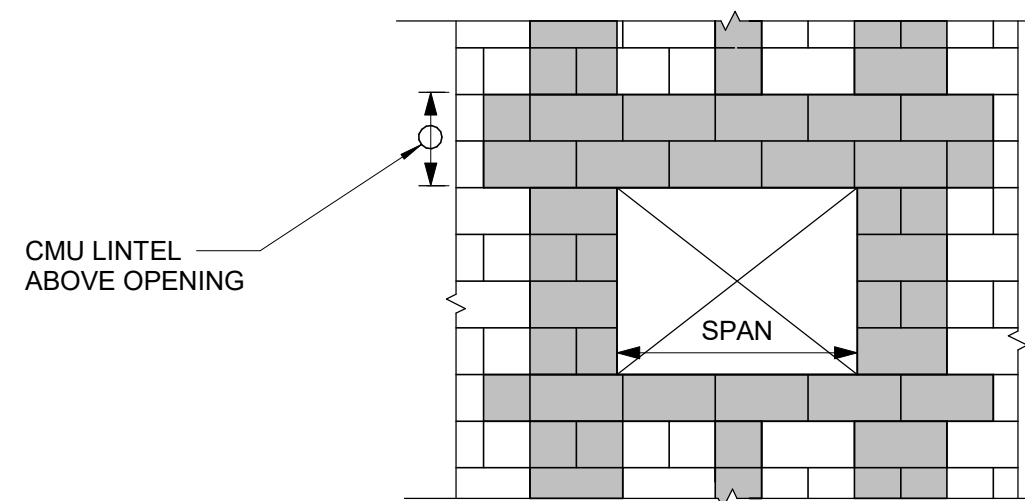
- TO INSTALL A LINTEL TO THE EXISTING BLOCK WALL FOR A NEW OPENING, CUT A GROOVE THROUGH THE EXISTING BLOCK WALL AT THE TOP OF THE NEW OPENING AND INSTALL THE ANGLE FROM ONE SIDE OF THE WALL FOR SINGLE SNGLE OR FROM BOTH SIDES OF THE WALL FOR DOUBLE ANGLE AND THEN CUT THE OPENING.
- MINIMUM BEARING FOR 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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M. FAYAZI

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N. FRISCIC

APPROVED BY:

K. ANGER

SHEET TITLE
MASONRY DETAILS

SHEET NUMBER

G03-D2300

ISSUE

E

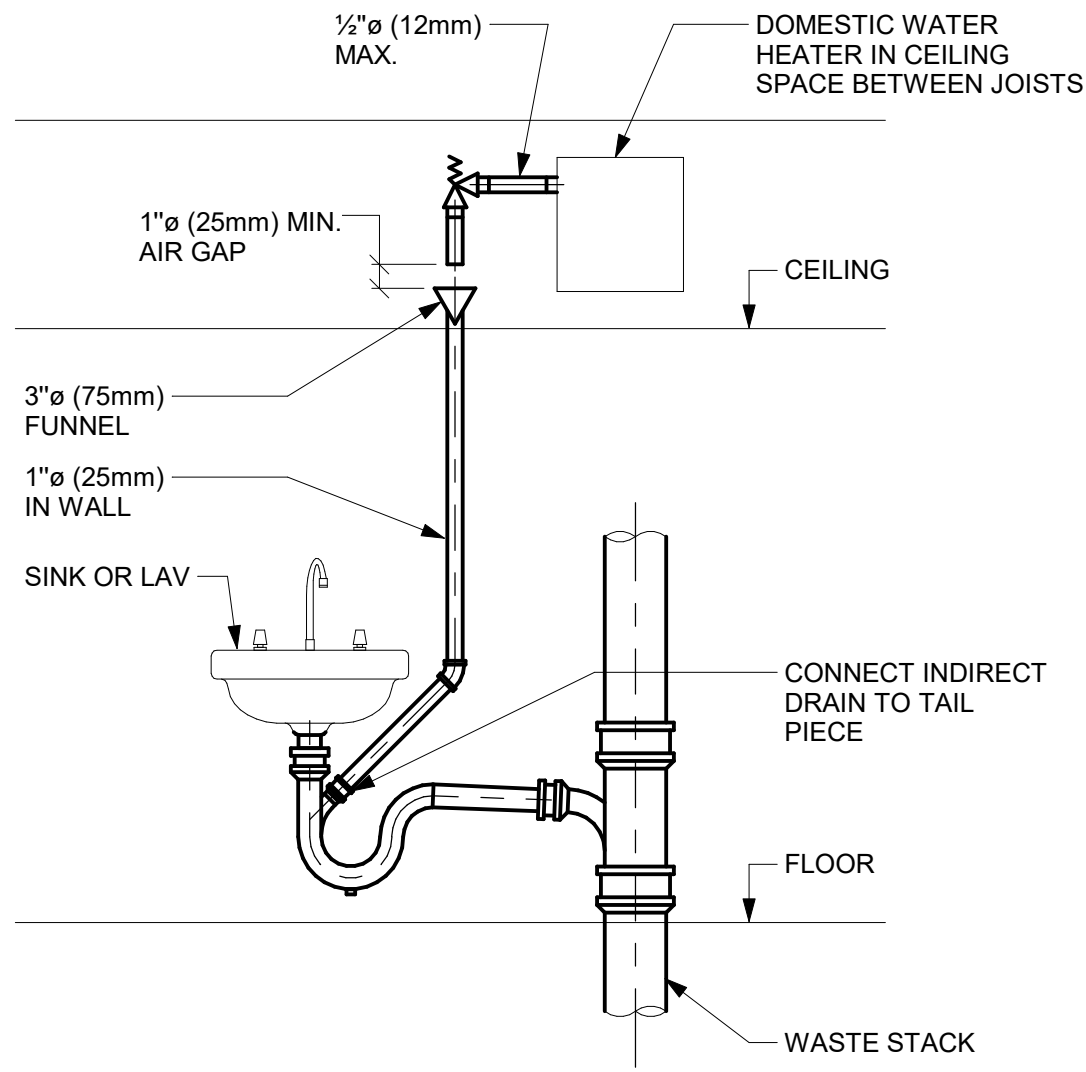
PLUMBING FIXTURE SCHEDULE

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	

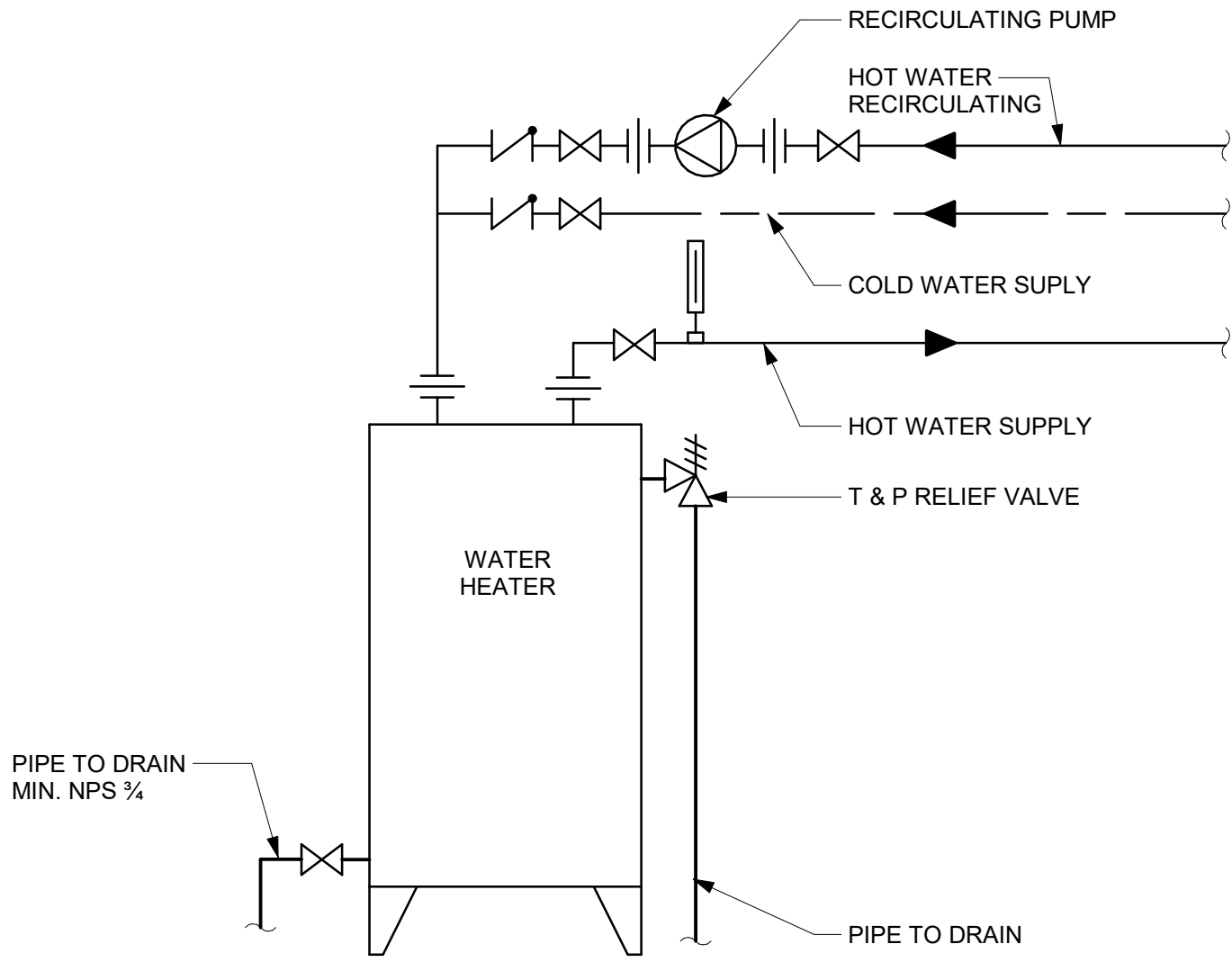
NOTES:

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.

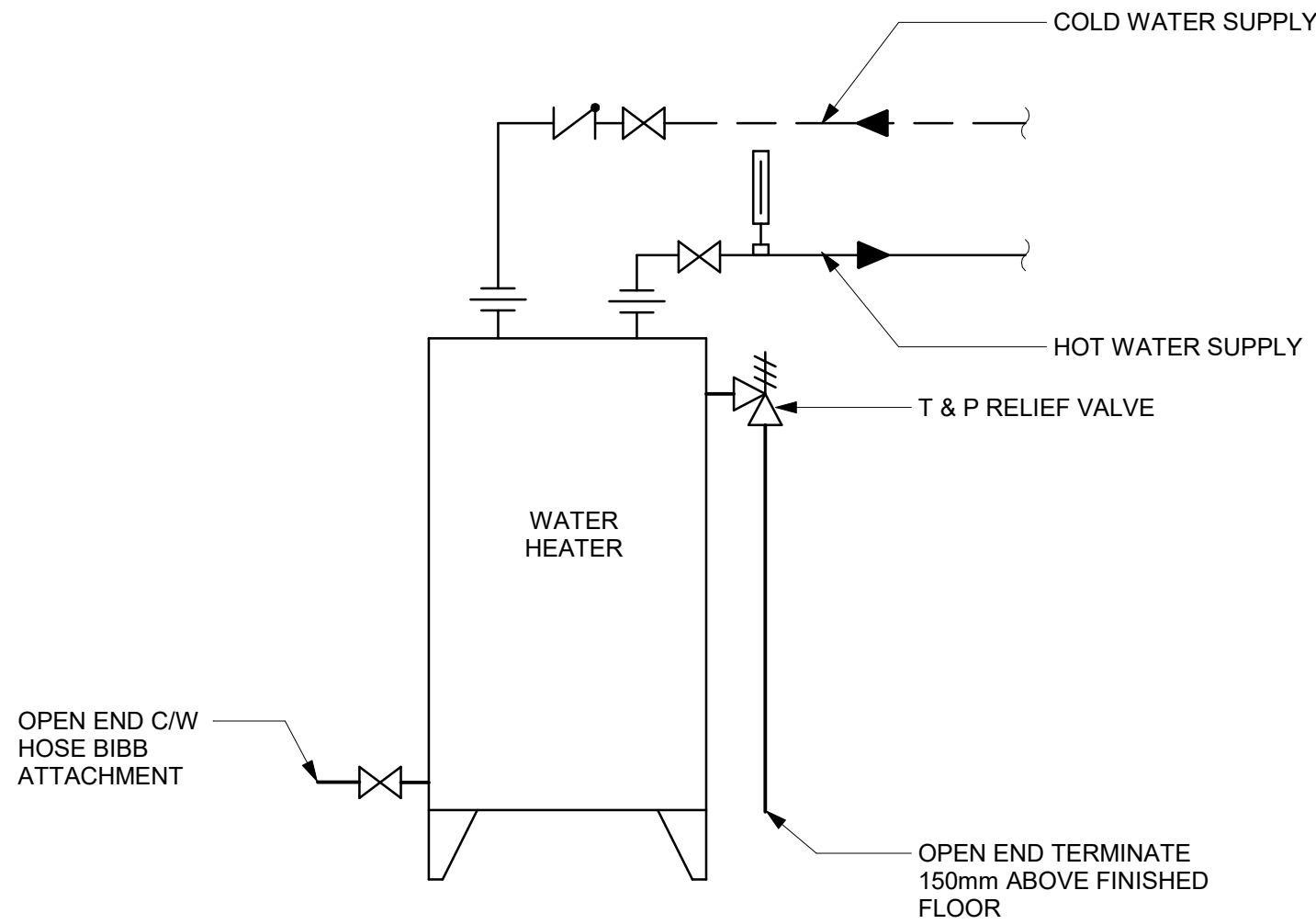
1 PLUMBING FIXTURE SCHEDULE
D3201 Scale: N.T.S.



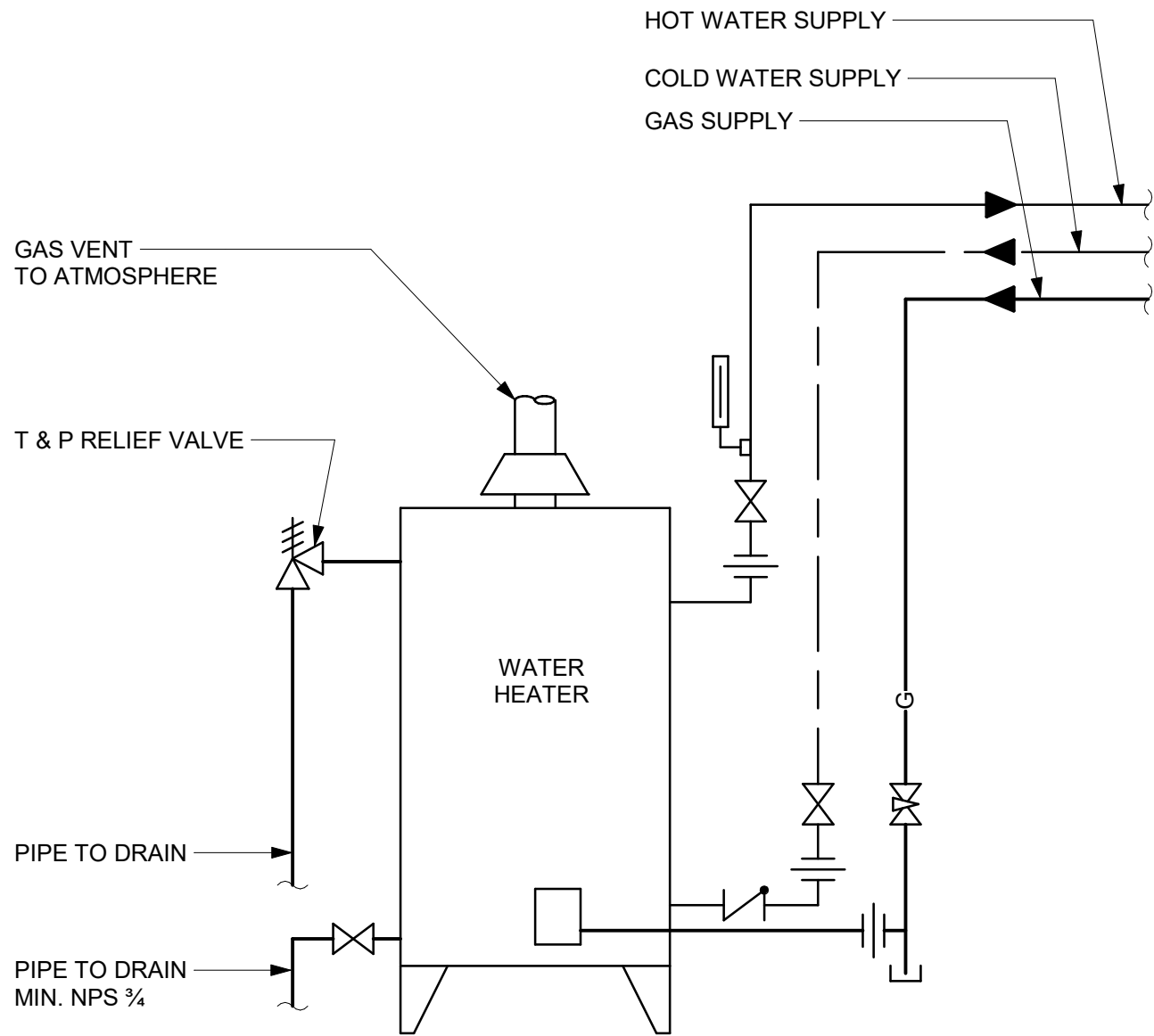
2 INDIRECT WASTE FROM OVERHEAD DWH RELIEF VALVE
D3201 Scale: N.T.S.



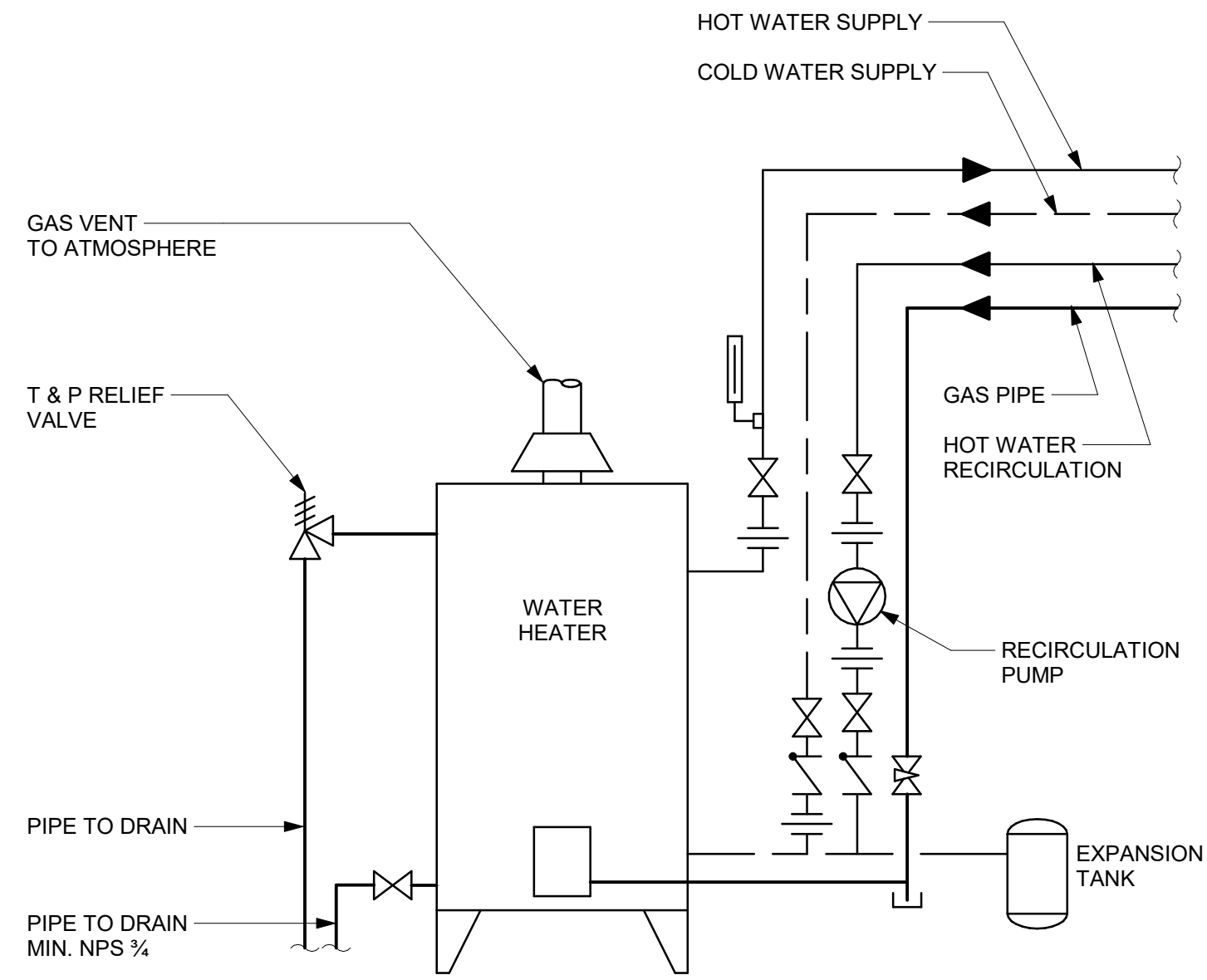
3 DOMESTIC WATER HEATER ELECTRIC WITH RECIRCULATION
D3201 Scale: N.T.S.



4 DOMESTIC WATER HEATER ELECTRIC - NO RECIRCULATION
D3201 Scale: N.T.S.



5 DOMESTIC WATER HEATER GAS FIRED - NO RECIRCULATION
D3201 Scale: N.T.S.



6 DOMESTIC WATER HEATER GAS FIRED WITH RECIRCULATION
D3201 Scale: N.T.S.

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

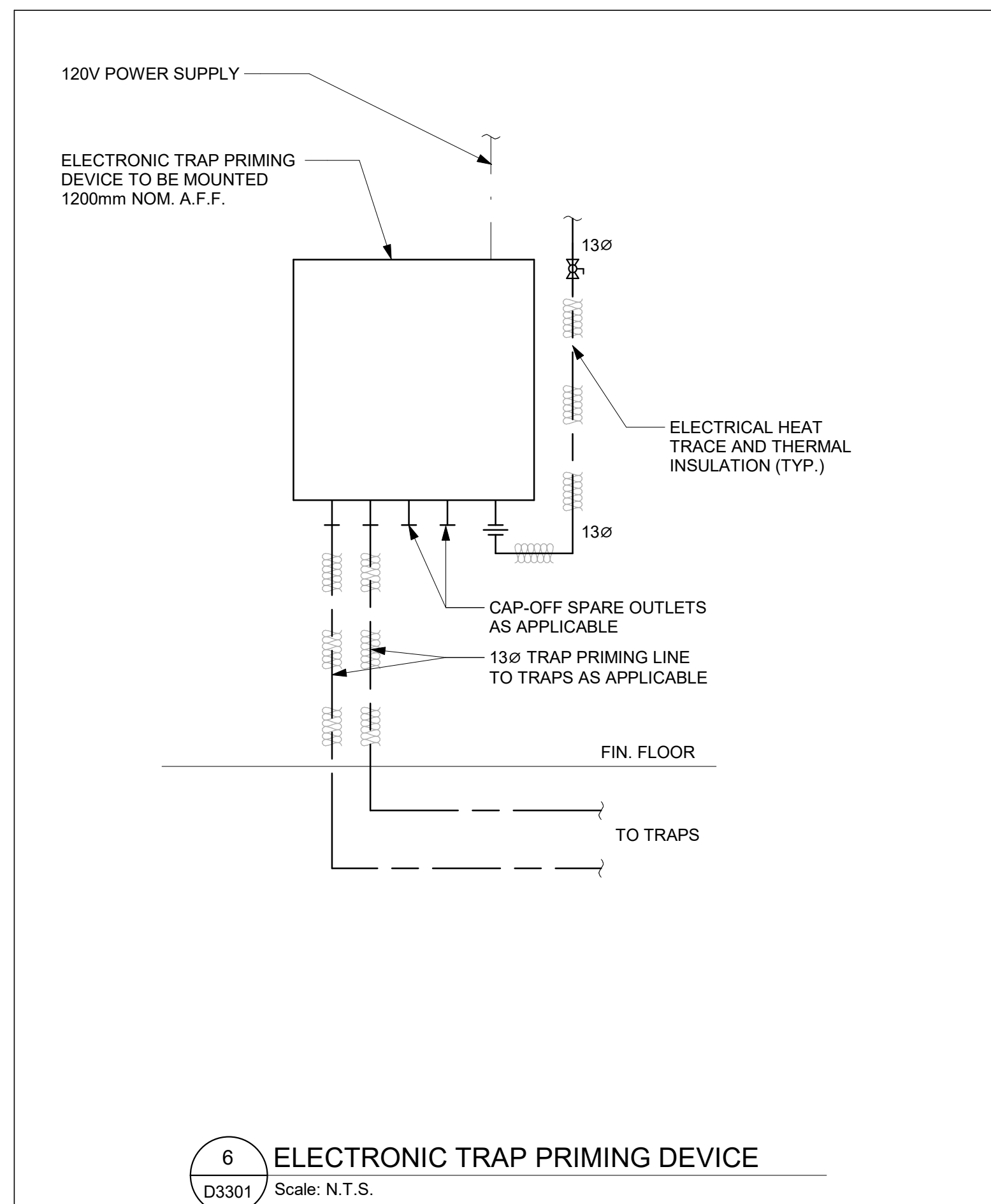
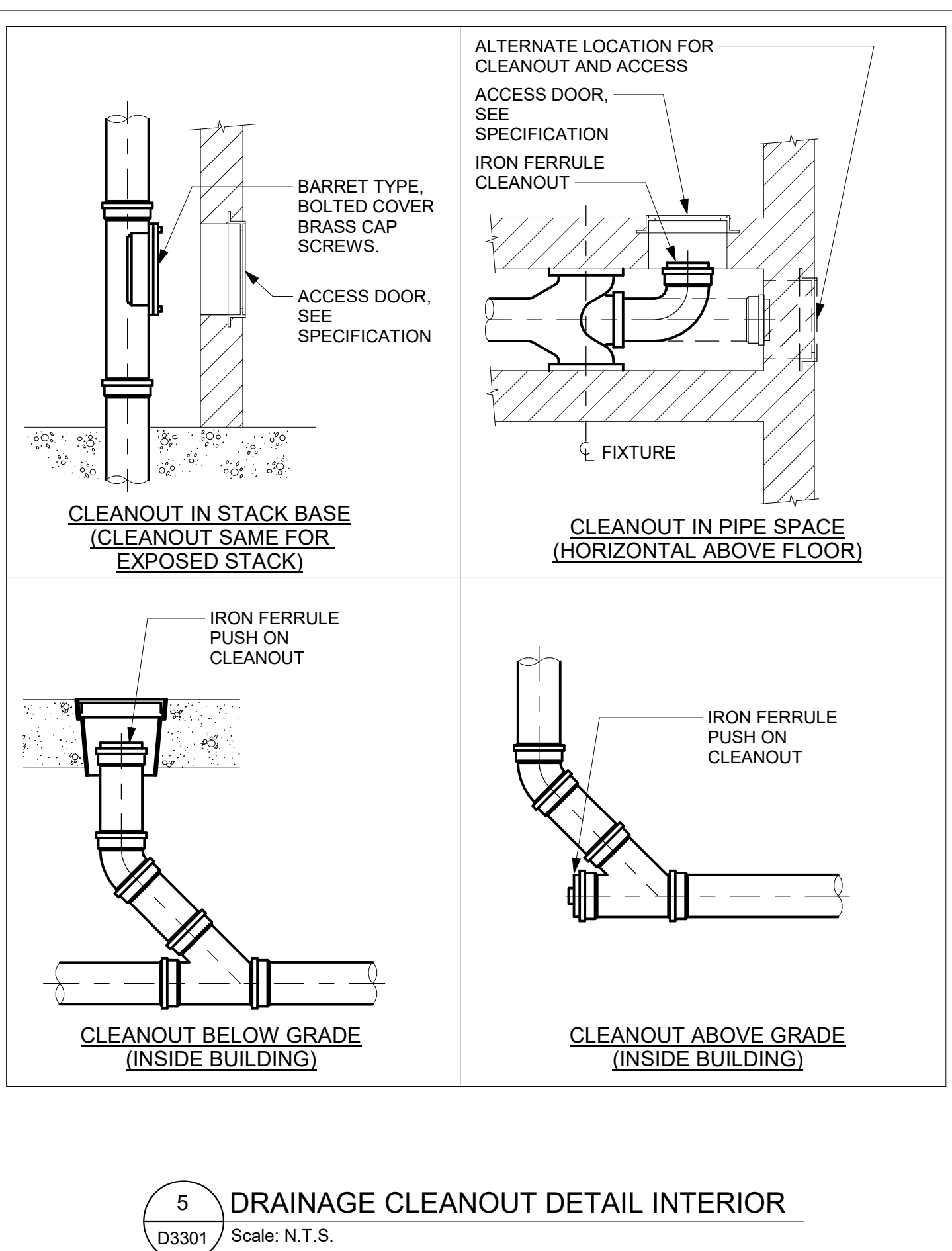
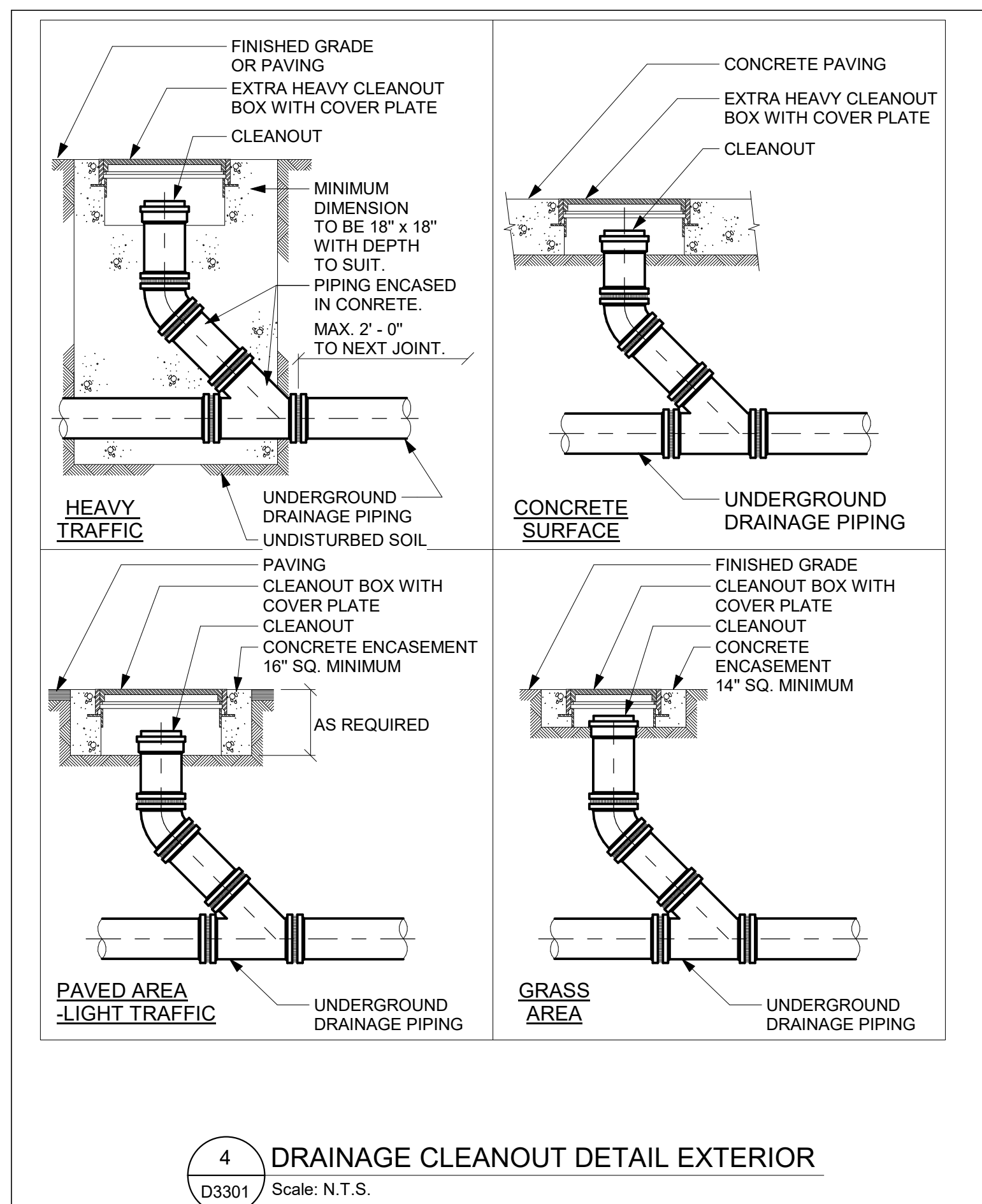
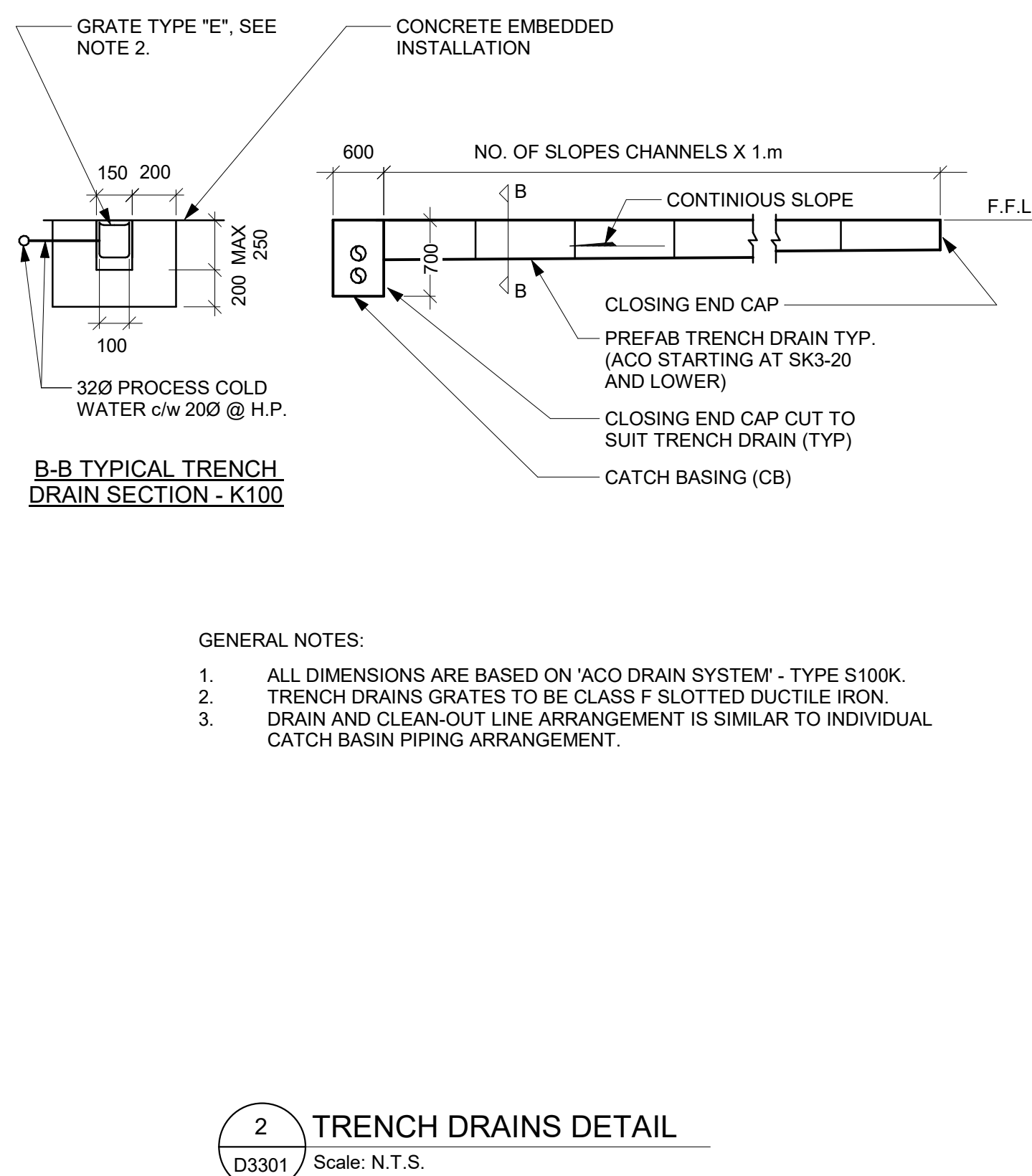
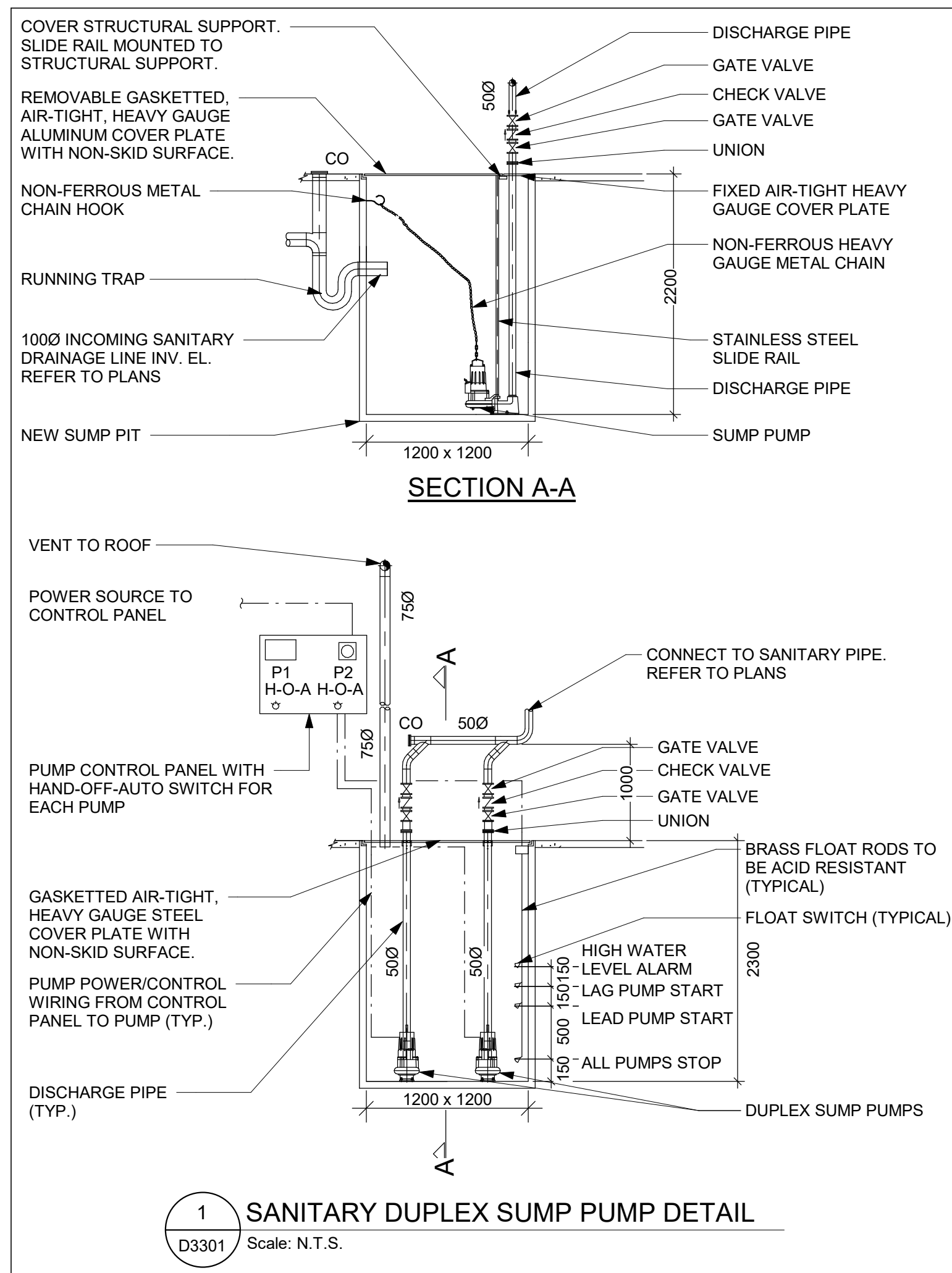
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PLUMBING DETAILS

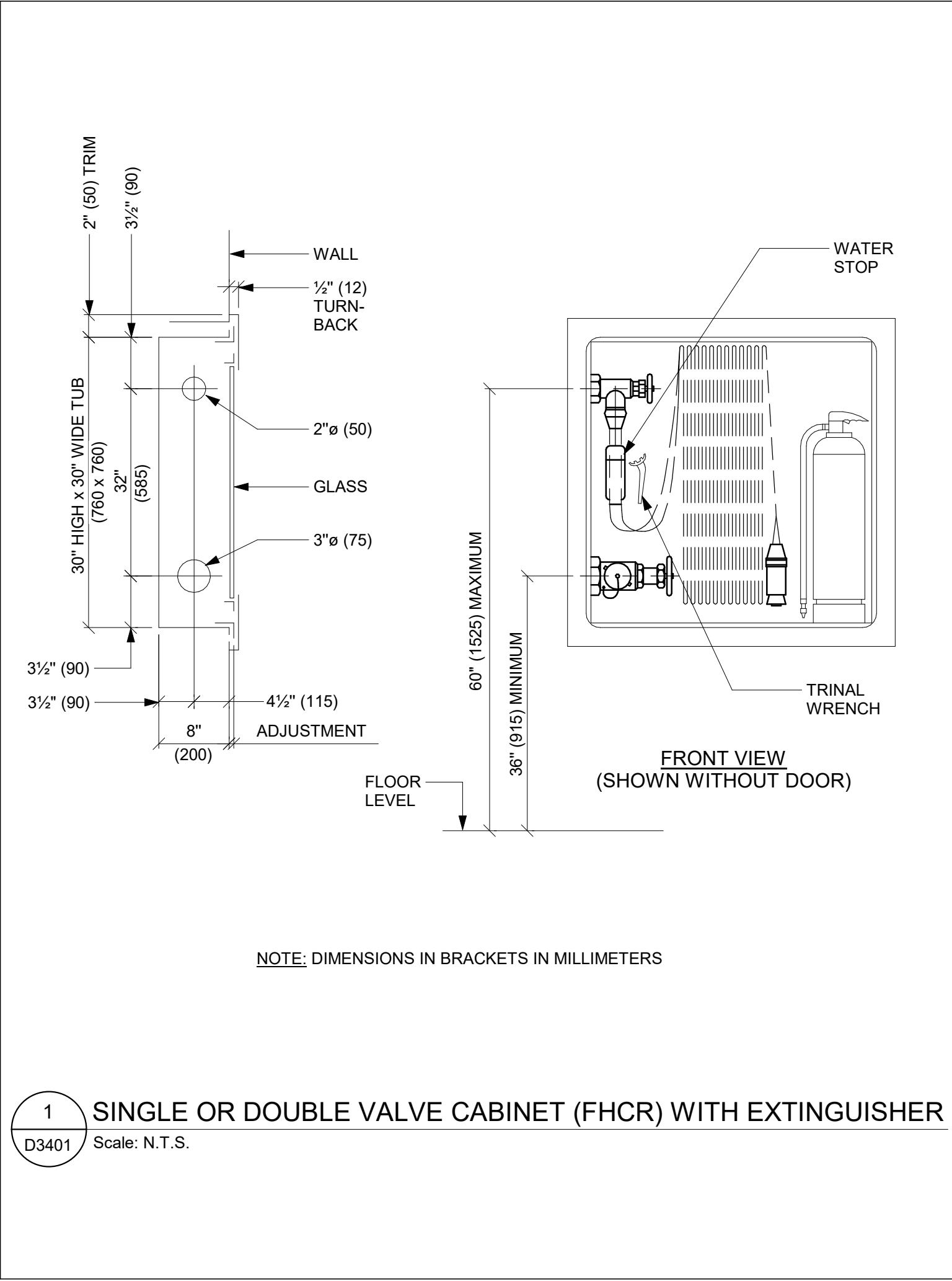
SHEET NUMBER

G03-GAL-D3201

ISSUE

F





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PROJECT ADDRESS

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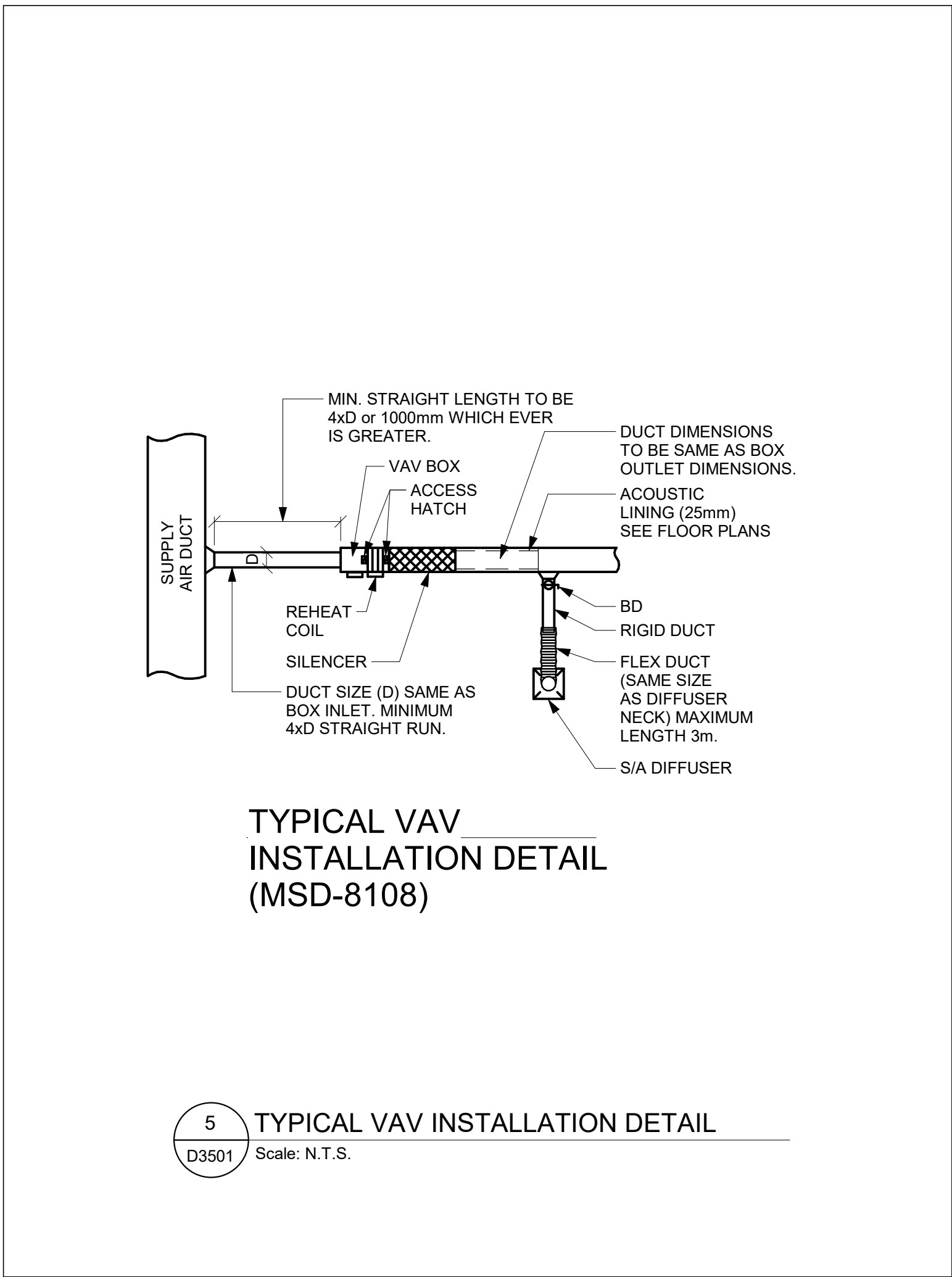
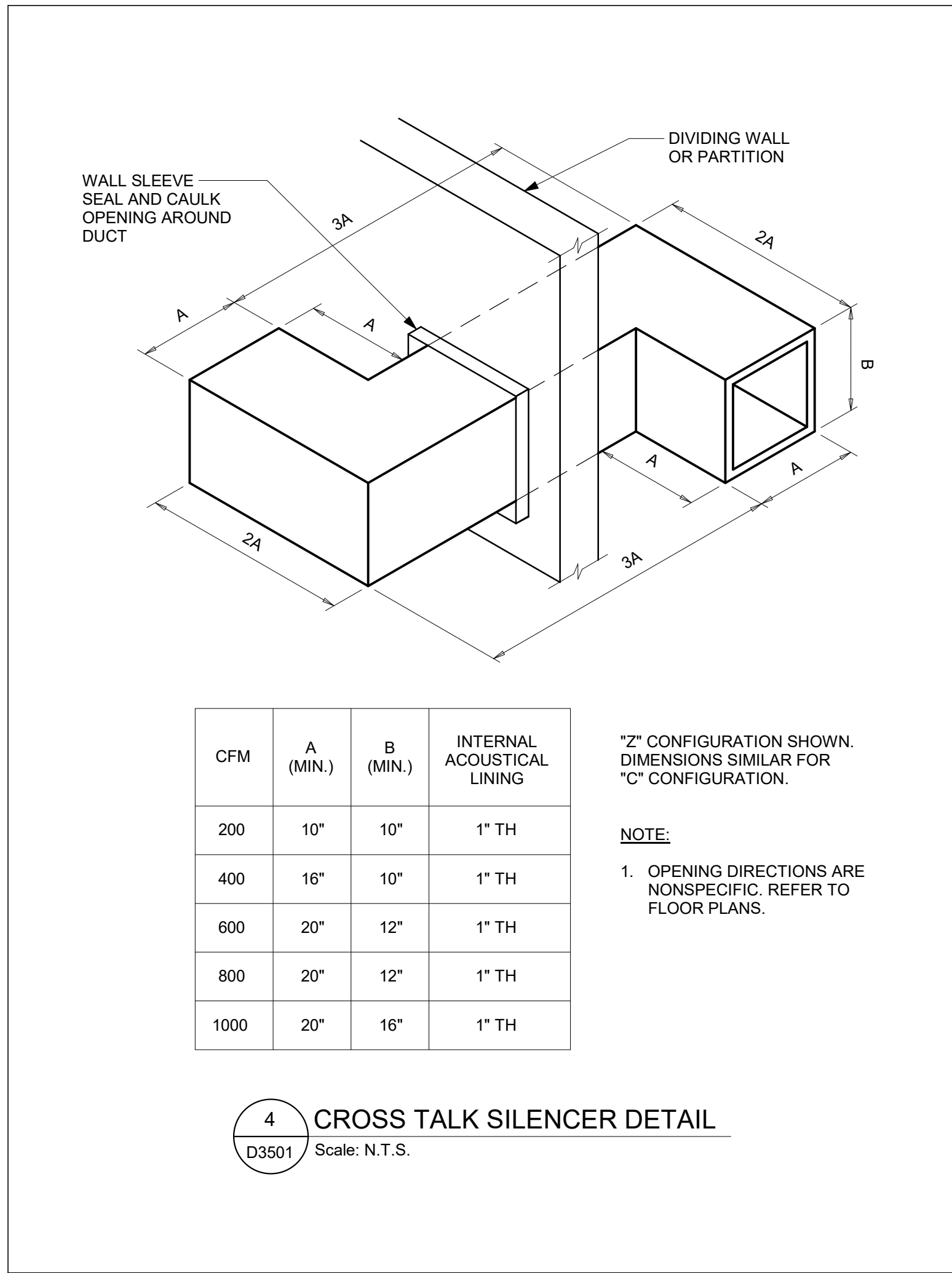
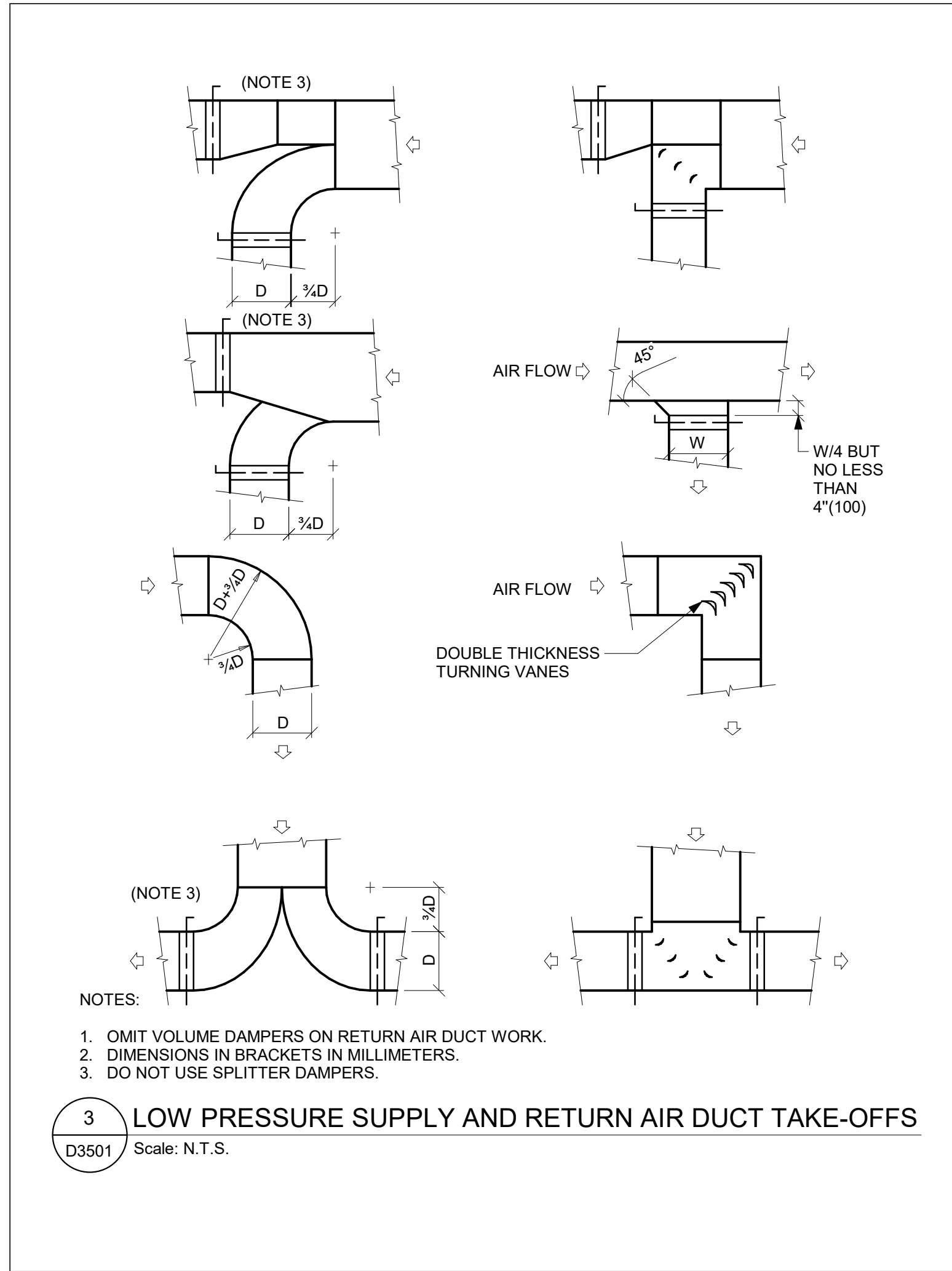
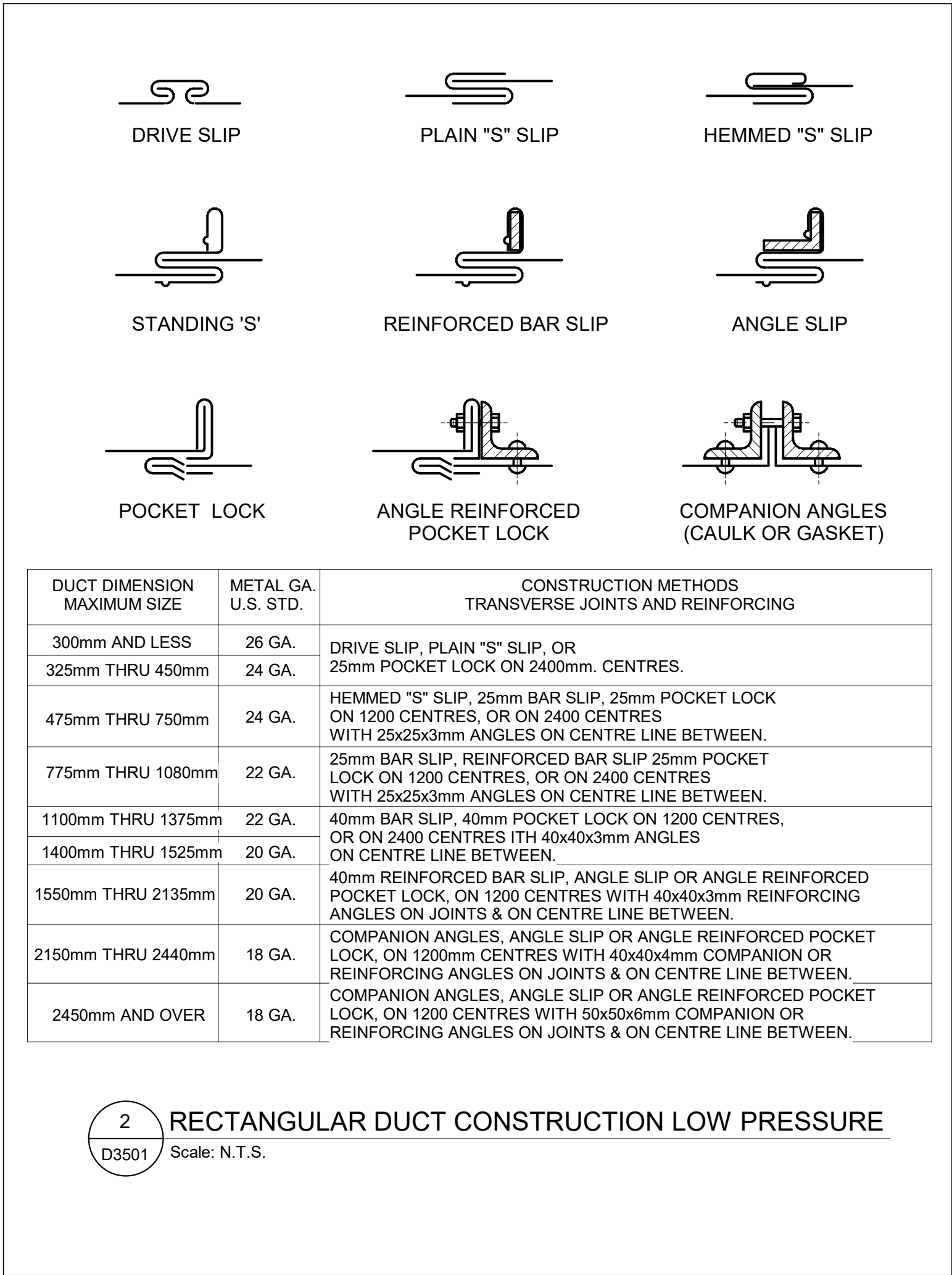
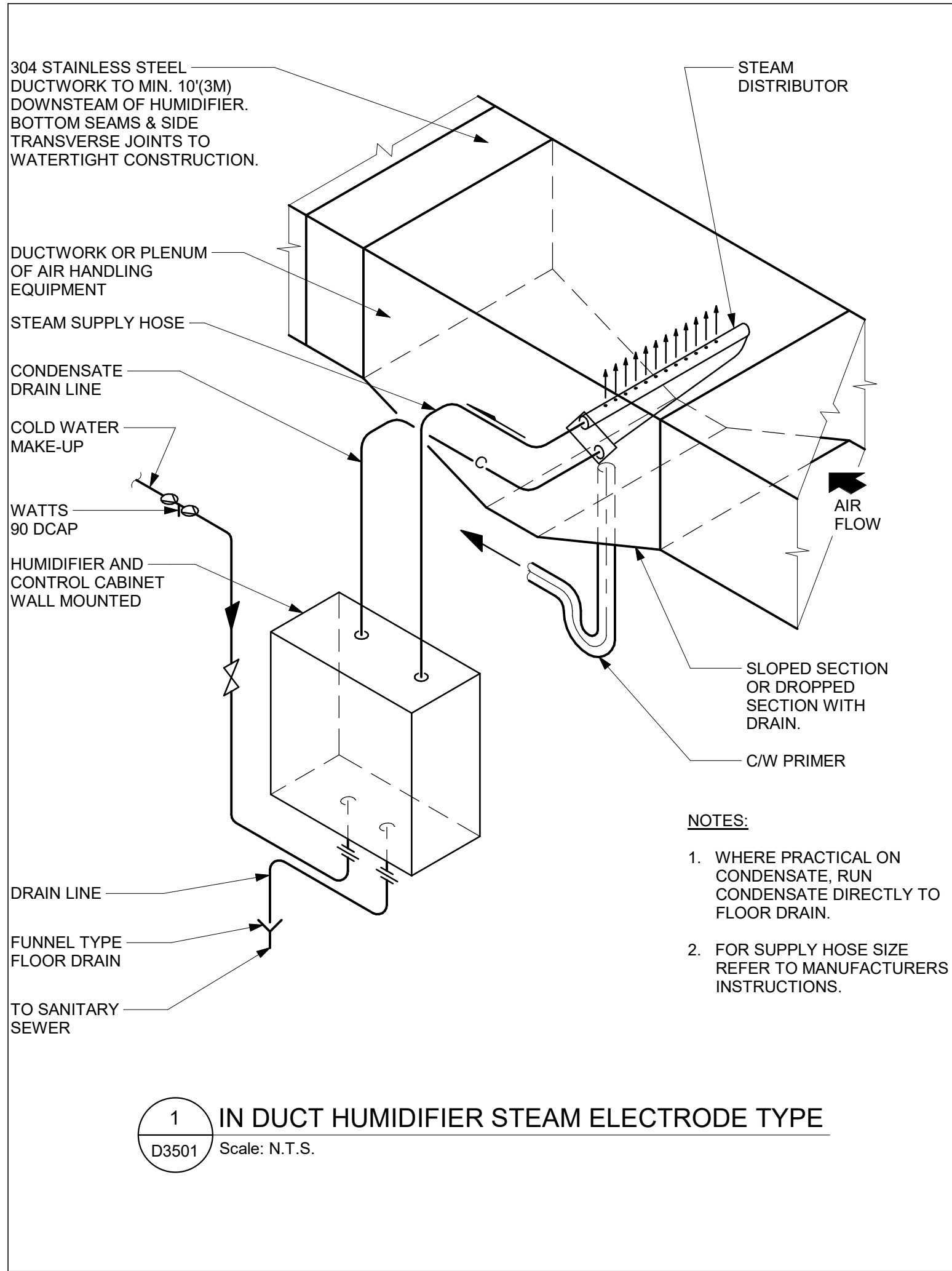
DRAWN BY: K. DURUKAN	CHECKED BY: B. LIAO
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PROJECT MGR: F. BOLOURIAN	APPROVED BY: S. LIU
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SHEET TITLE
**FIRE PROTECTION
DETAILS**

SHEET NUMBER
G03-GAL-D3401

ISSUE
F



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DRAWN BY:
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CHECKED BY:
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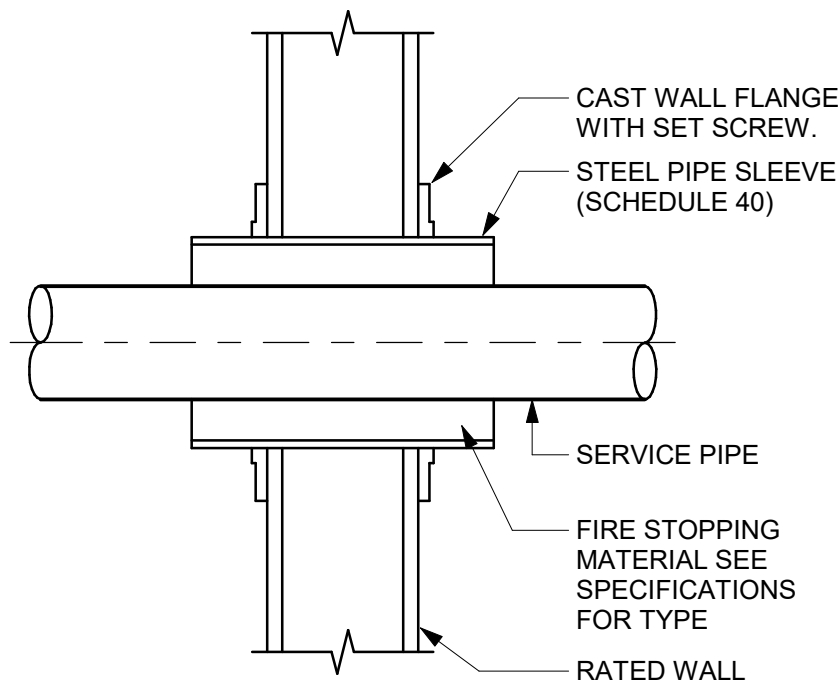
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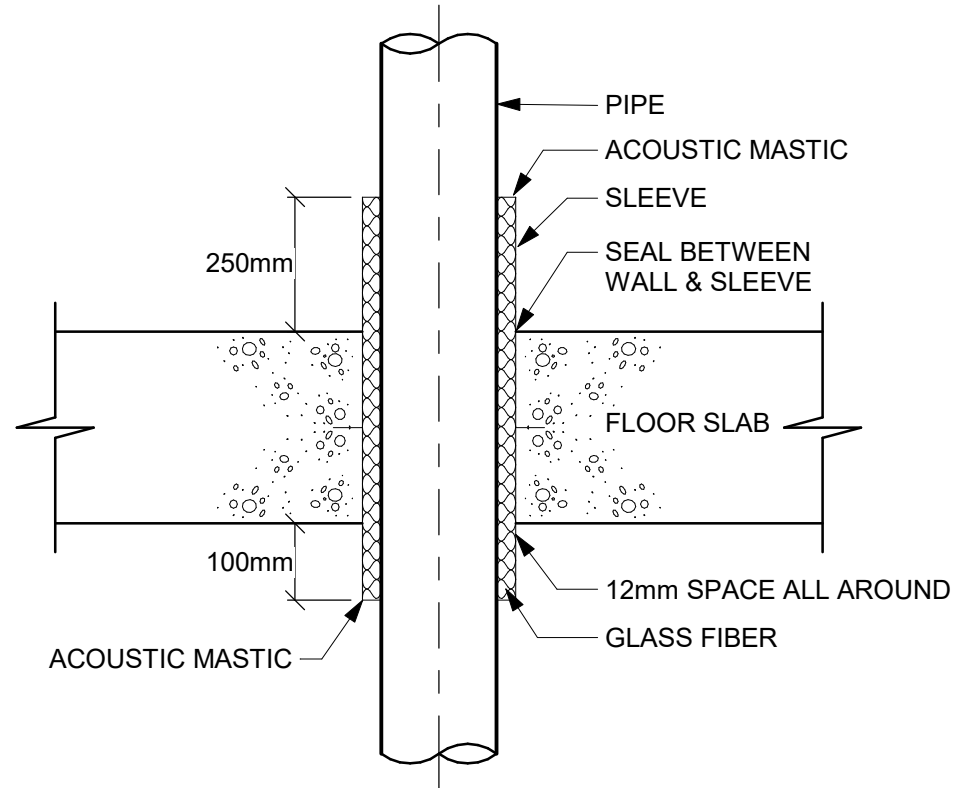
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HVAC DETAILS

SHEET NUMBER
G03-GAL-D3501

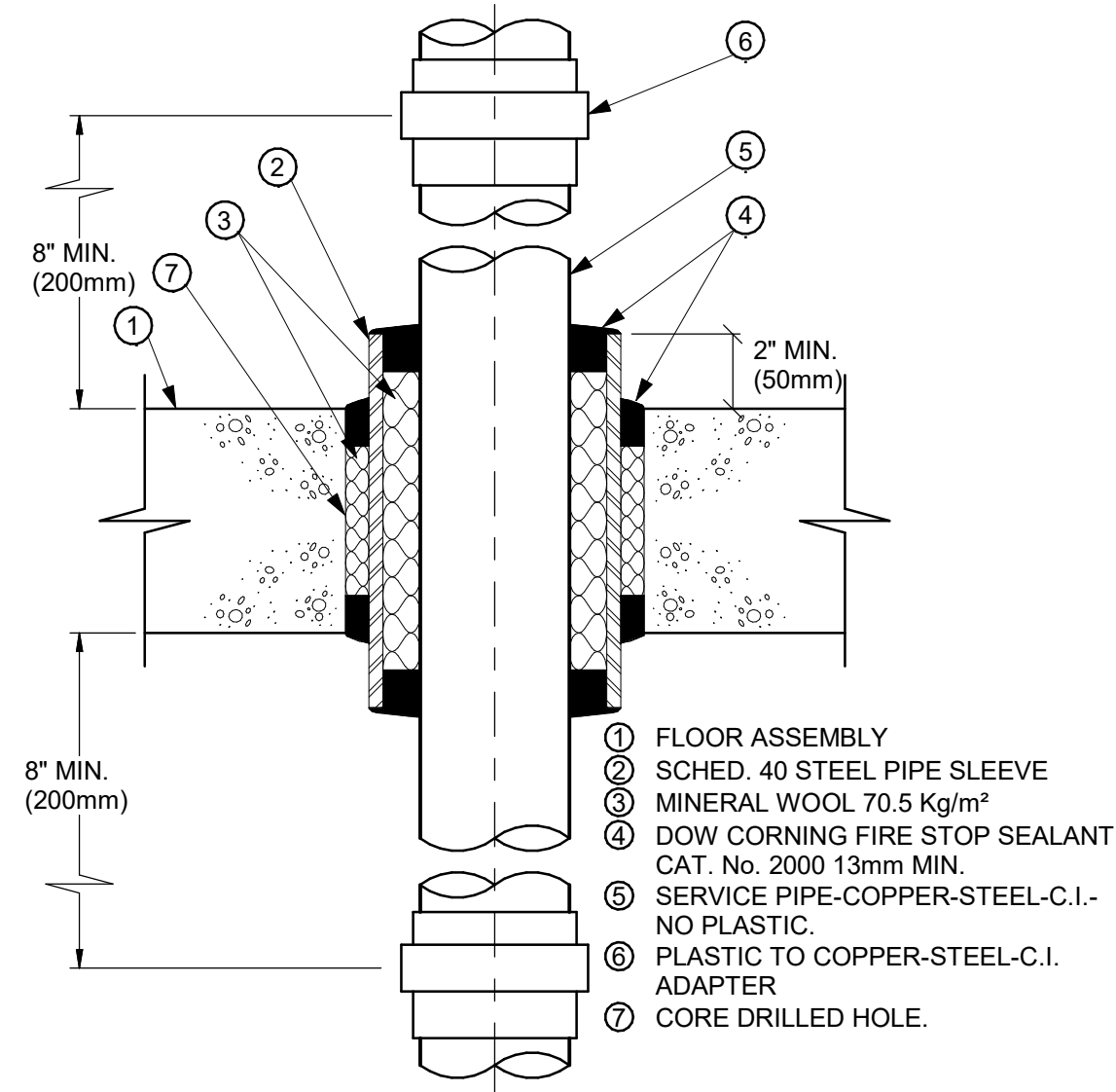
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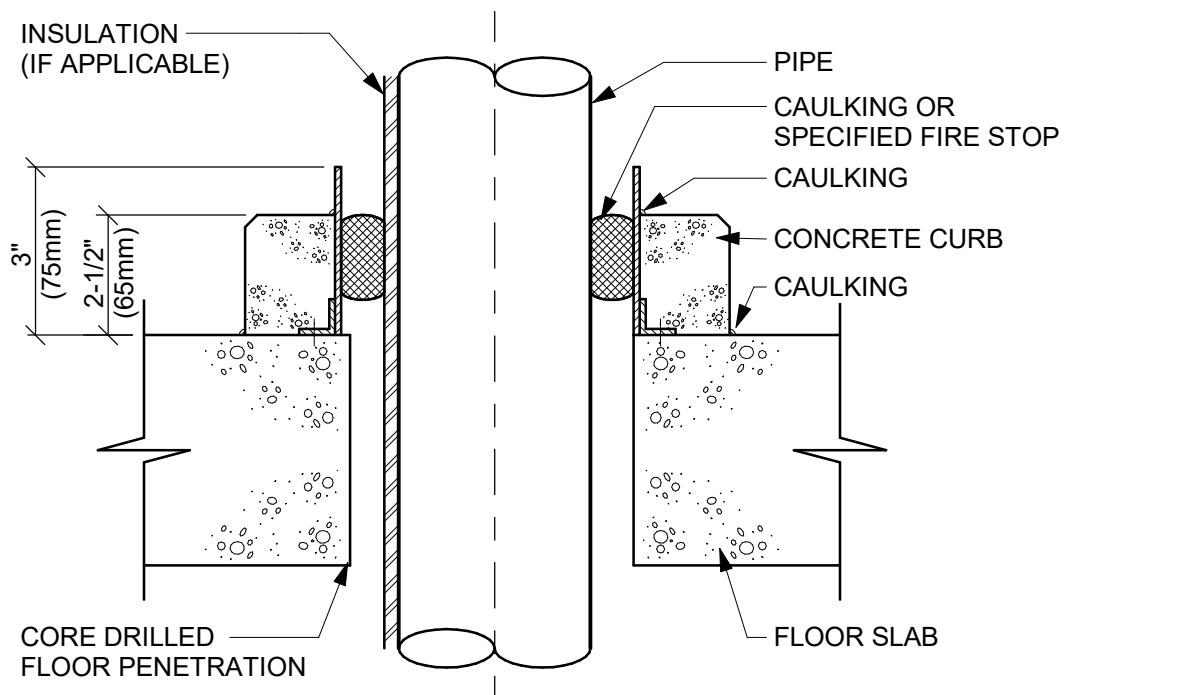
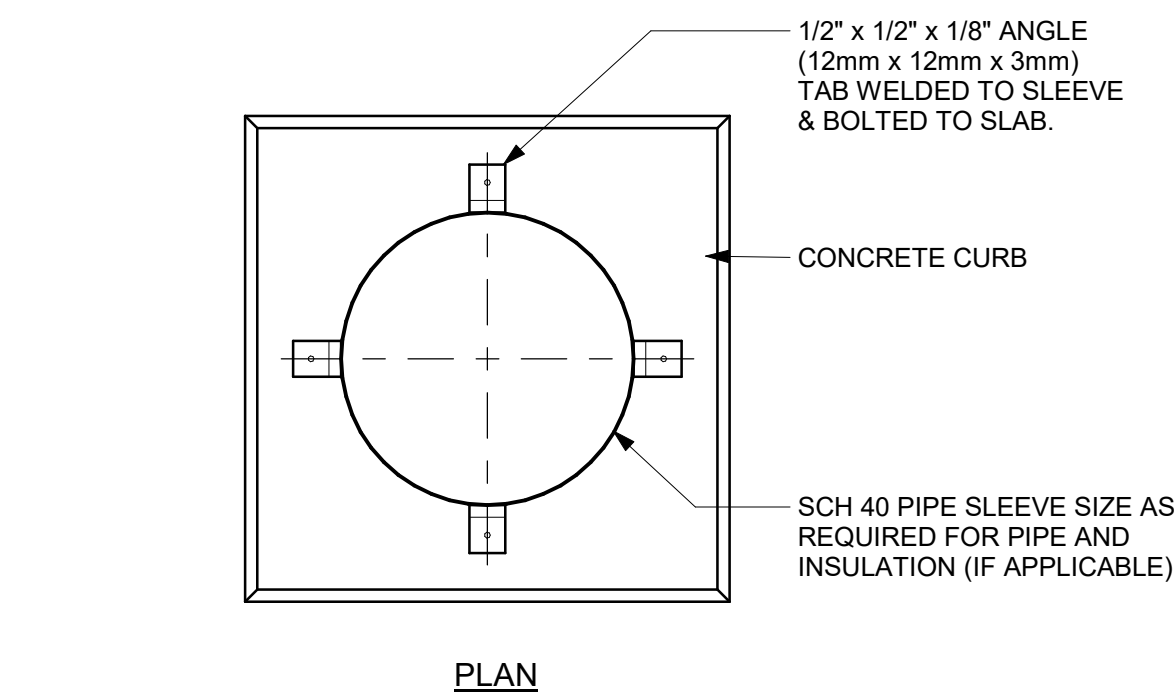
1 SLEEVE THROUGH RATED WALL
D3601 Scale: N.T.S.



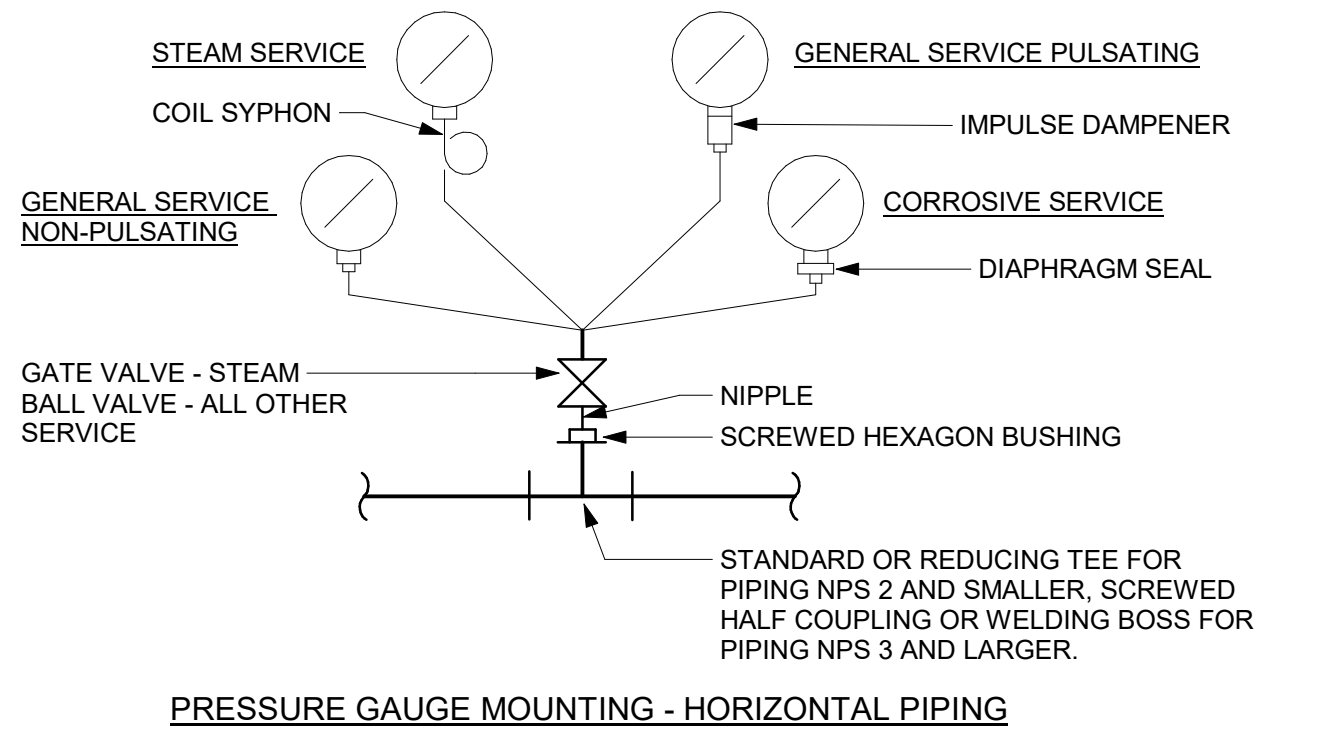
2 ACOUSTIC TREATMENT OF PIPE PENETRATION
OF MECHANICAL ROOM FLOOR SLAB
D3601 Scale: N.T.S.



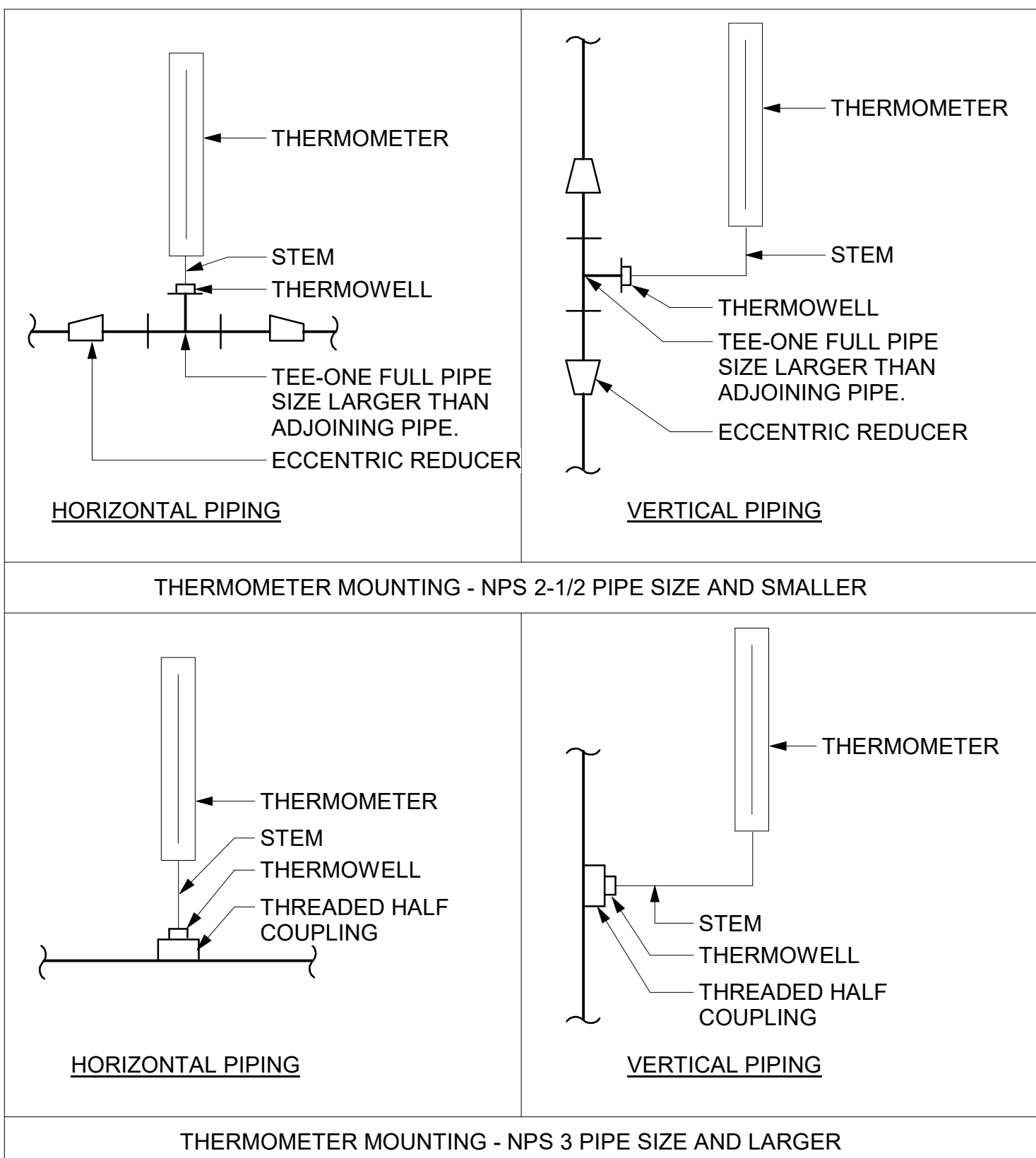
3 PIPE SLEEVE THROUGH FIRE RATED FLOOR SLAB
D3601 Scale: N.T.S.



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



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



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

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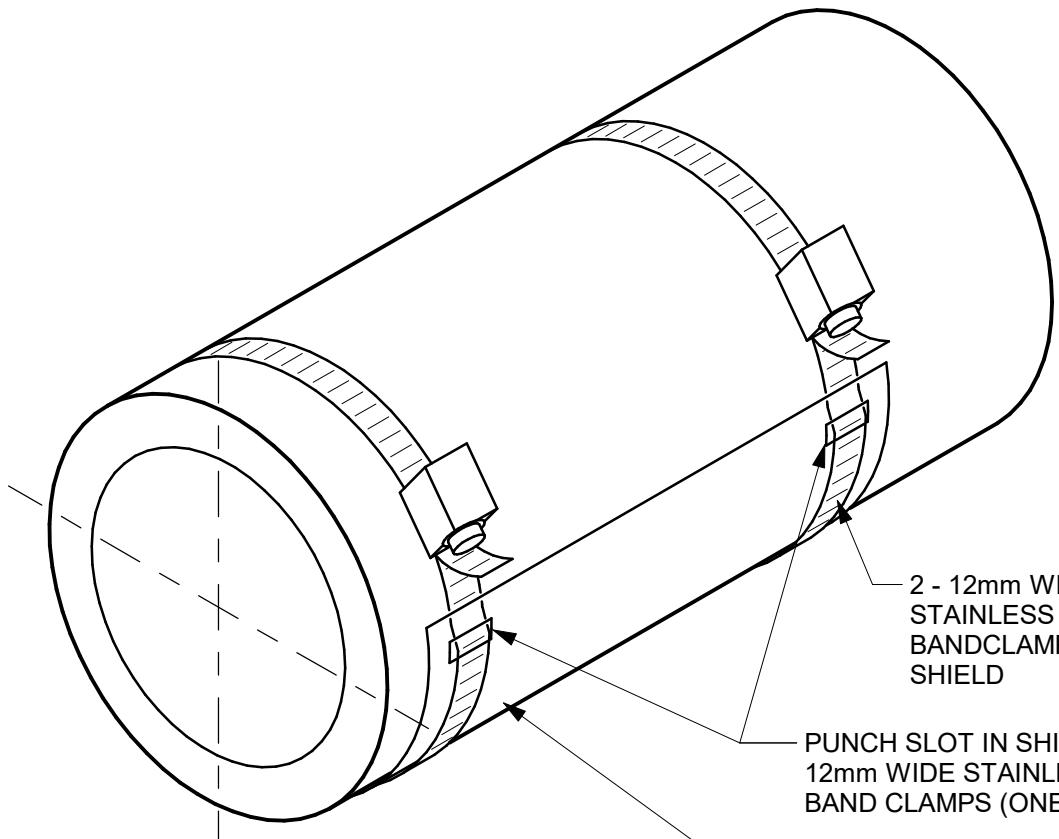
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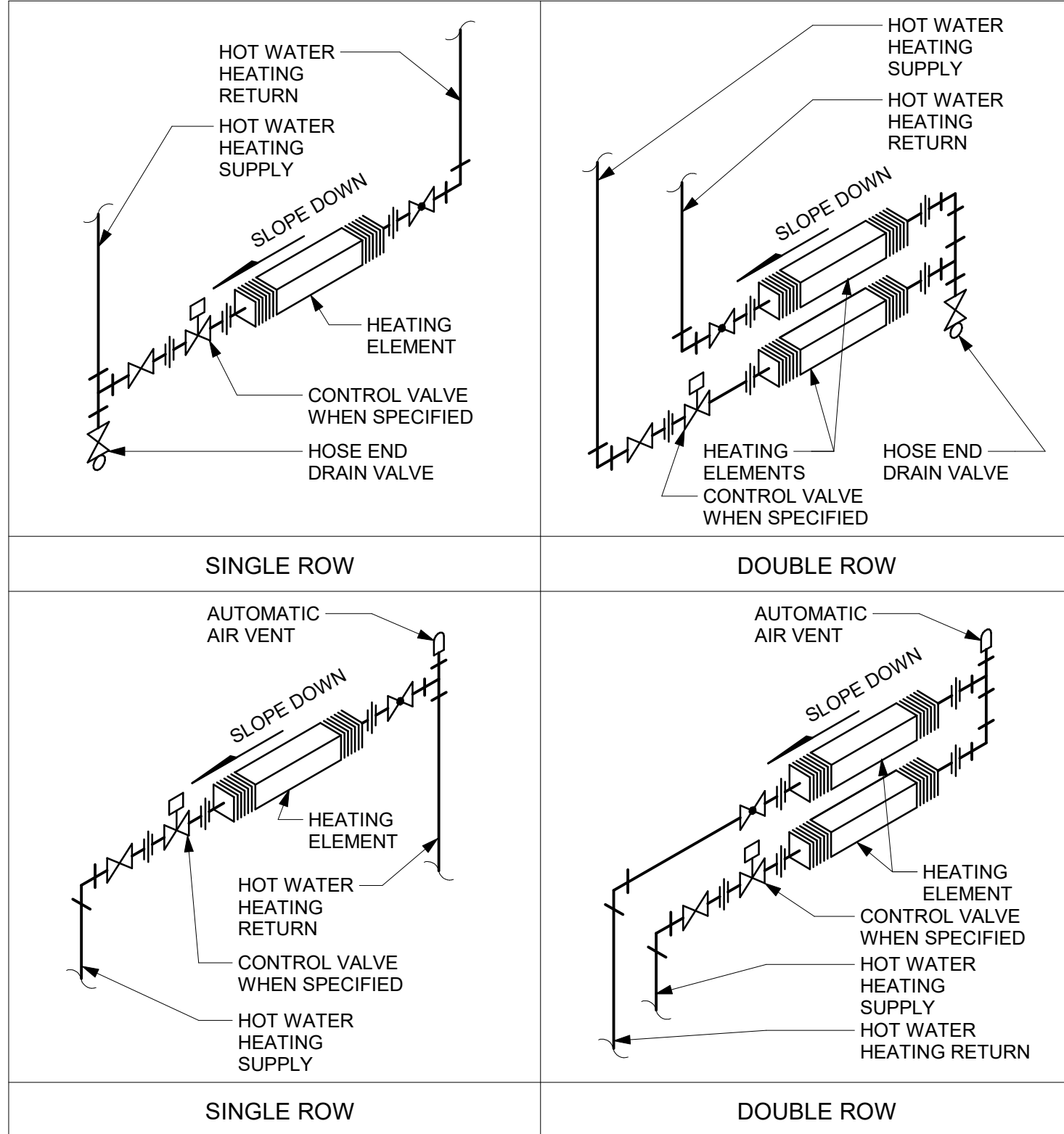
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PROJECT MGR:
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APPROVED BY:
S. LIU

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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DRAWN BY: N. KHOURY	CHECKED BY: G. VERNESCU
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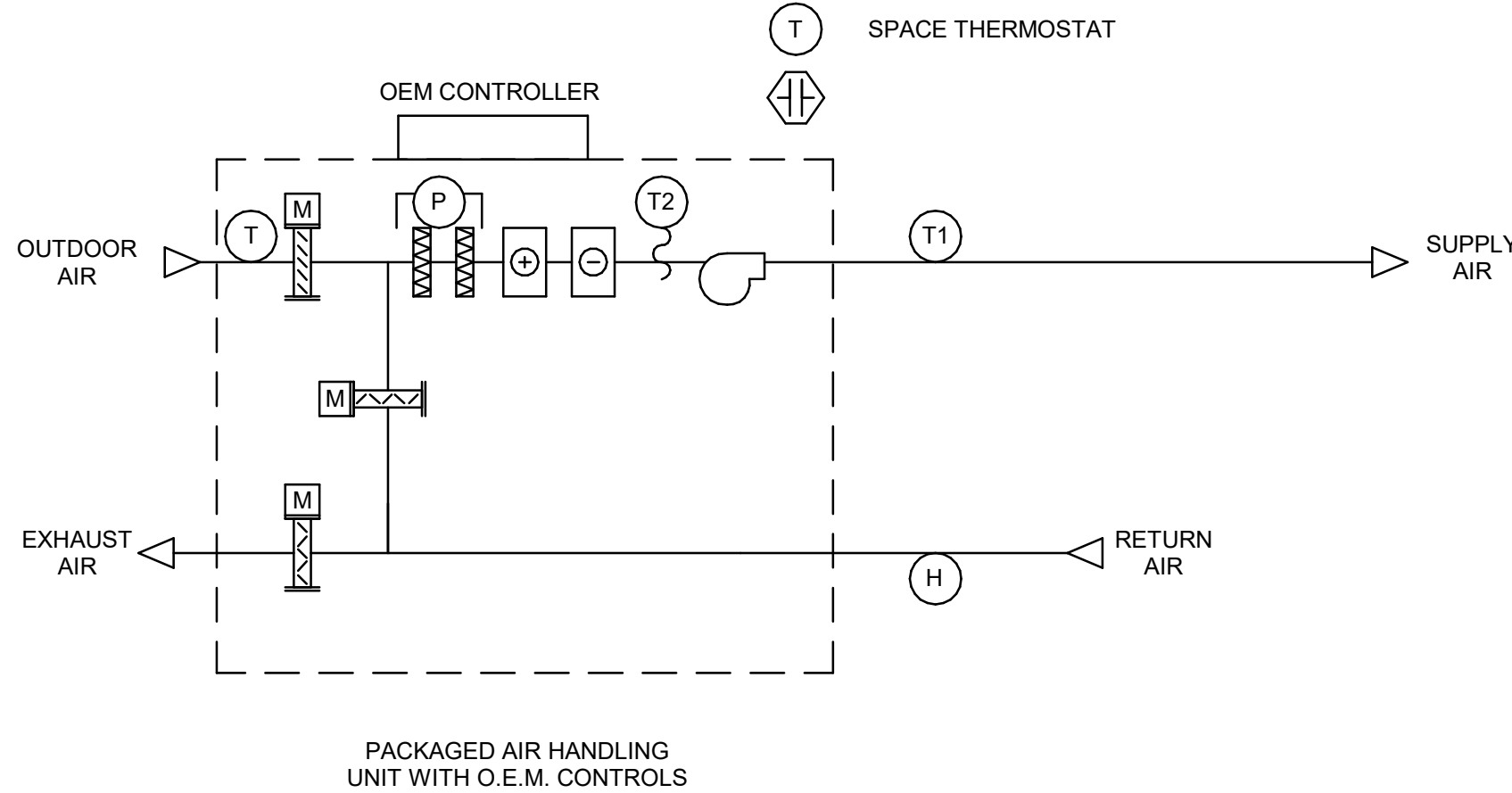
PROJECT MGR: F. BOLOURIAN	APPROVED BY: S. LIU
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SHEET TITLE
**PIPING DETAILS
SHEET 2 OF 2**

SHEET NUMBER G03-GAL-D3602	ISSUE F
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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

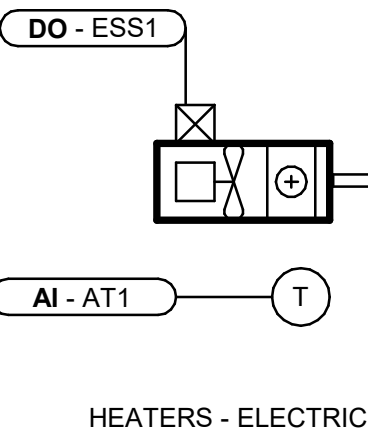
ALARMS
ALARM ON OEM CONTROLLER:

- 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



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

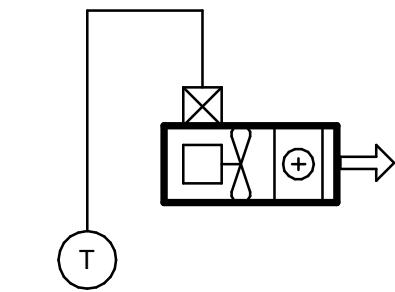
ALARMS
LOW SPACE TEMPERATURE (<10C)

MONITOR
SPACE TEMPERATURE

TREND LOGS
N/A

EMERGENCY POWER
NO

3 ELECTRIC HEATER CONTROL SEQUENCE - WITH 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

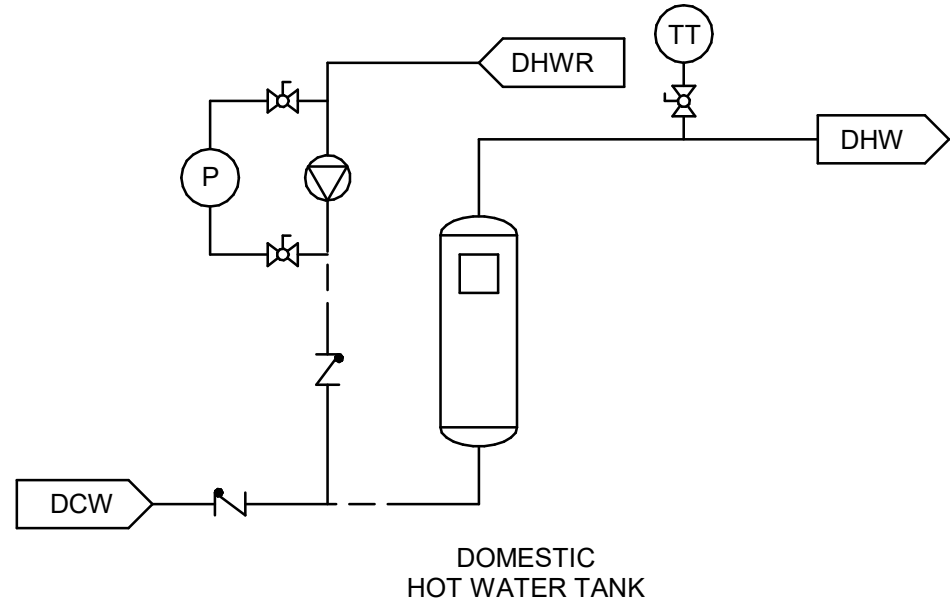
ALARMS
N/A

MONITOR
N/A

TREND LOGS
N/A

EMERGENCY POWER
NO

4 ELECTRIC HEATER CONTROL SEQUENCE - NO BMS
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

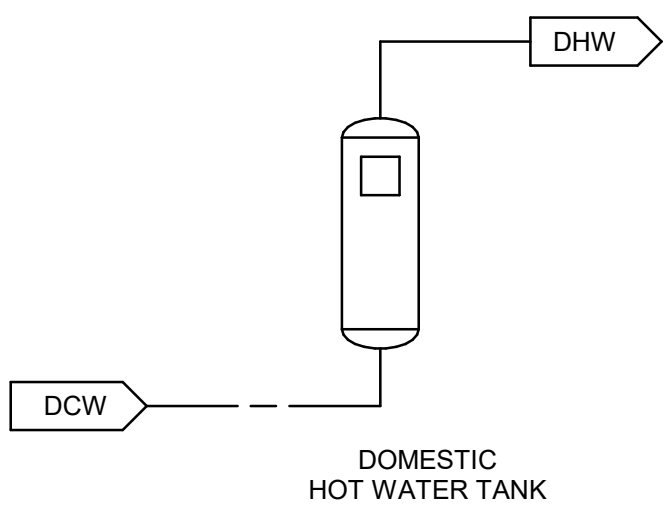
ALARMS
N/A

MONITOR
N/A

TREND LOGS
N/A

EMERGENCY POWER
NO

2 HOT WATER TANK (WITH RECIRCULATION PUMP) 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

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

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DRAWN BY:
N. KHOURY

CHECKED BY:
G. VERNESCU

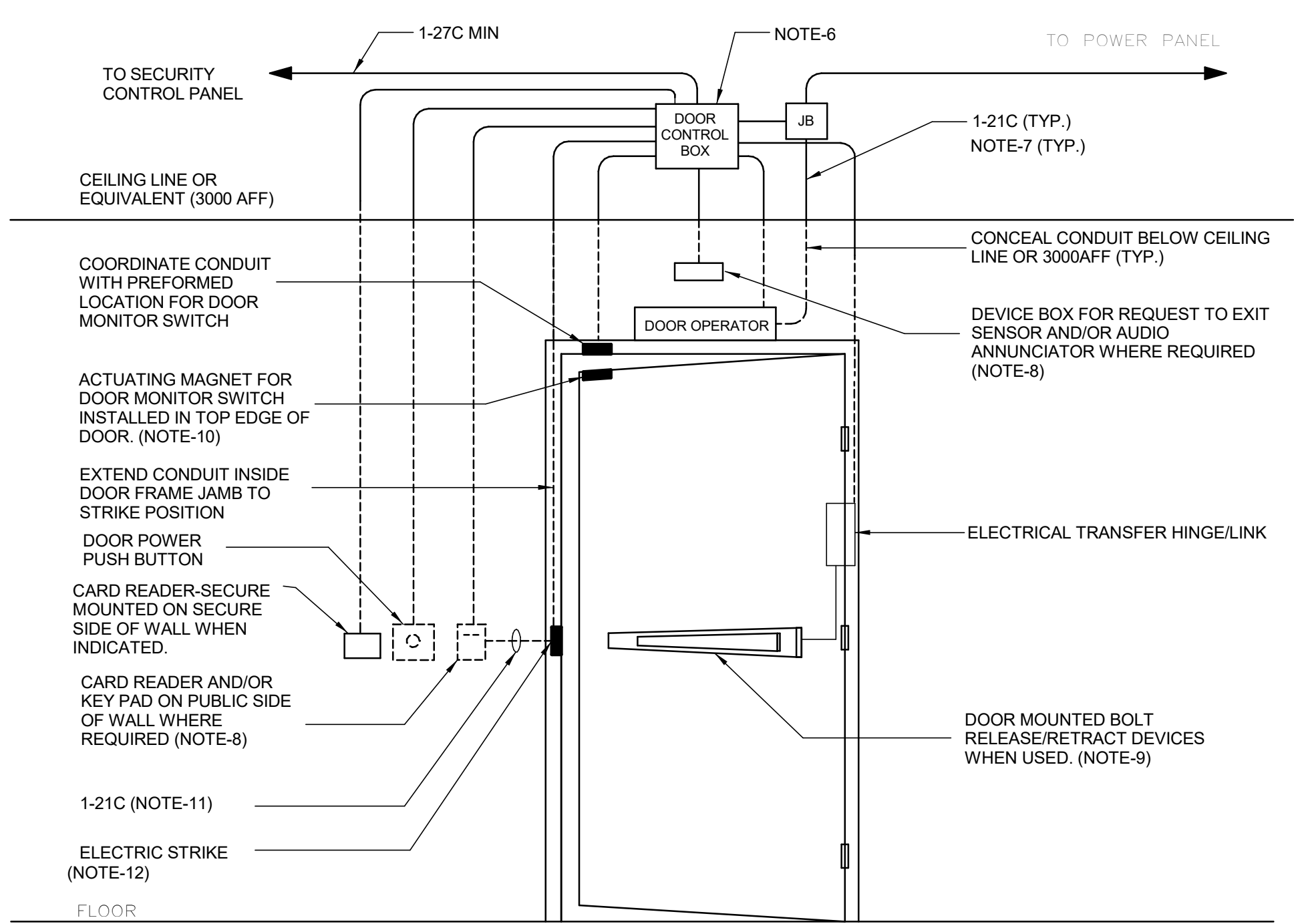
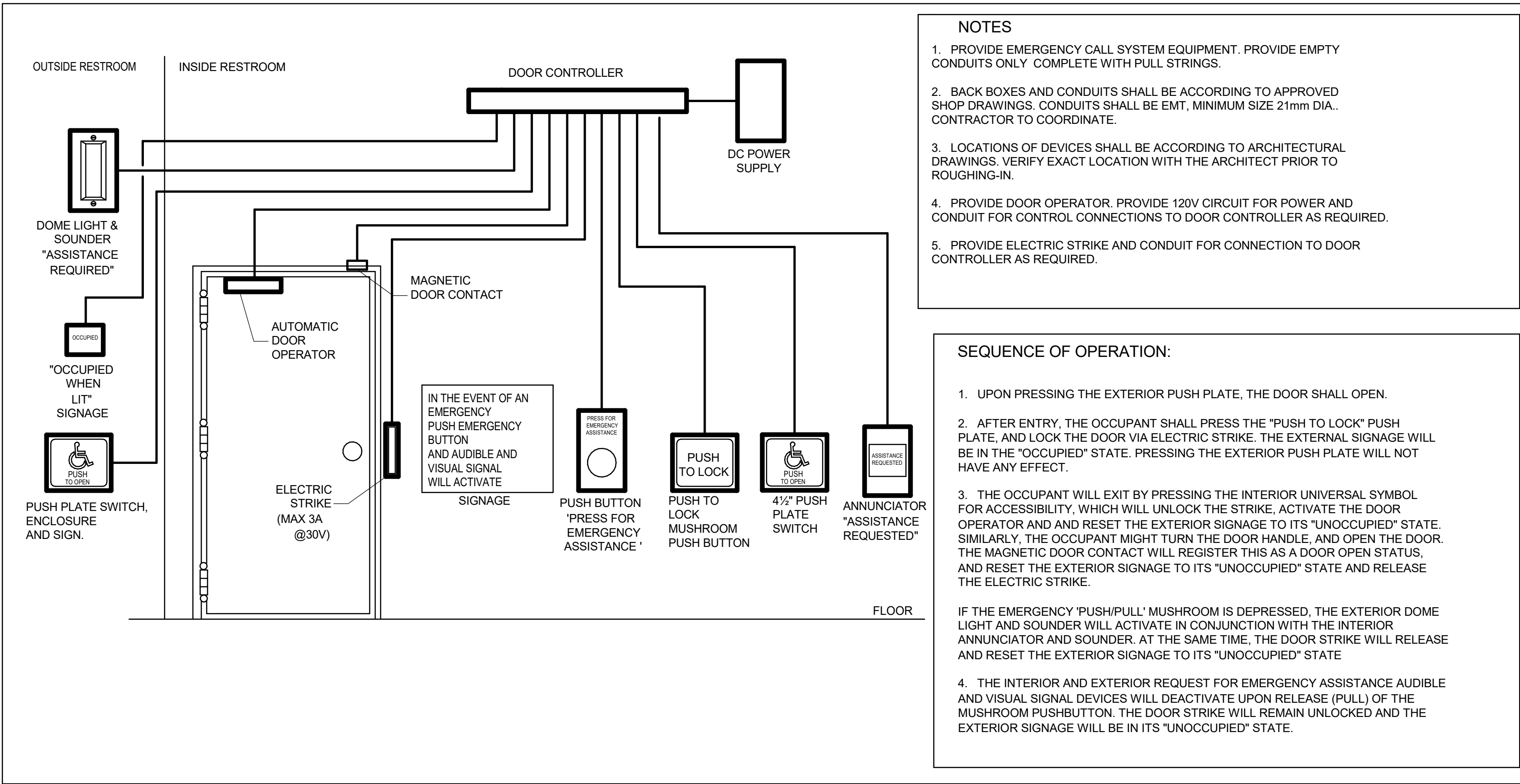
PROJECT MGR:
F. BOLOURIAN

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

ISSUES		
No.	DESCRIPTION	DATE
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PROJECT MGR:
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CHECKED BY:
M. BOJIC
APPROVED BY:
P. WILLIAMS

SHEET TITLE
ELECTRICAL DETAILS 1

SHEET NUMBER
D4001
ISSUE
D

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

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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

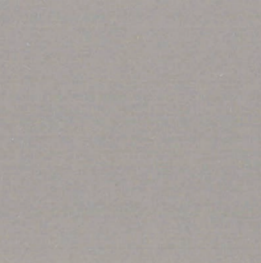
WASHROOM FINISHES	
WASHROOM / SHOWER WALLS	COLLECTION: COLOUR & DIMENSION
CWT-1	COLOUR: ARCTIC WHITE MATTE
	SIZE: 100mm X 400mm (4"X16")
	SUPPLIER: OLYMPIA
WASHROOM / SHOWER WALL ACCENT	MATCH EXISTING
CWT-2	TILE SIZE IS INDICATED ON ROOM FINISH SCHEDULE
WASHROOM / SHOWER WALL ACCENT	COLLECTION: COLOUR & 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



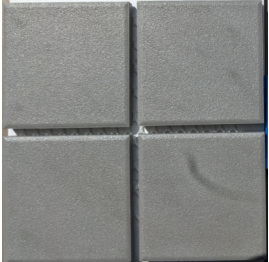
CWT-3



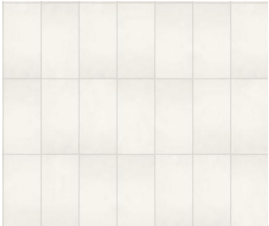
CWT-4



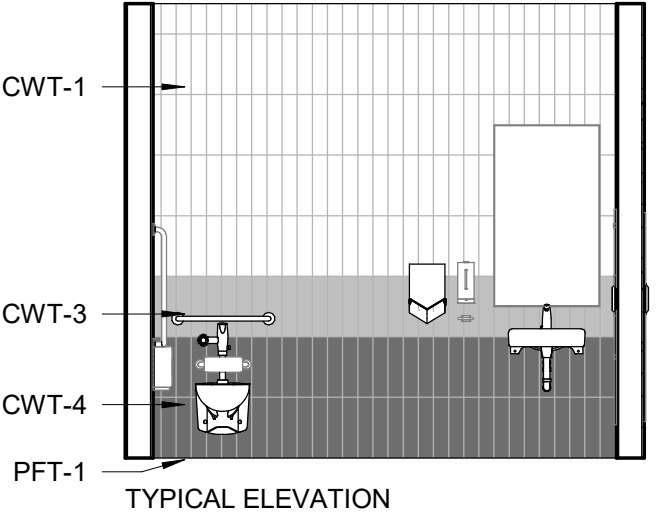
PFT-1



PFT-2



PFT-4



TYPICAL ELEVATION



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			
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	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)



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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



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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Project No: 9119- 19- 0162 / Arcadis 30279056

Date: 2025-04-11

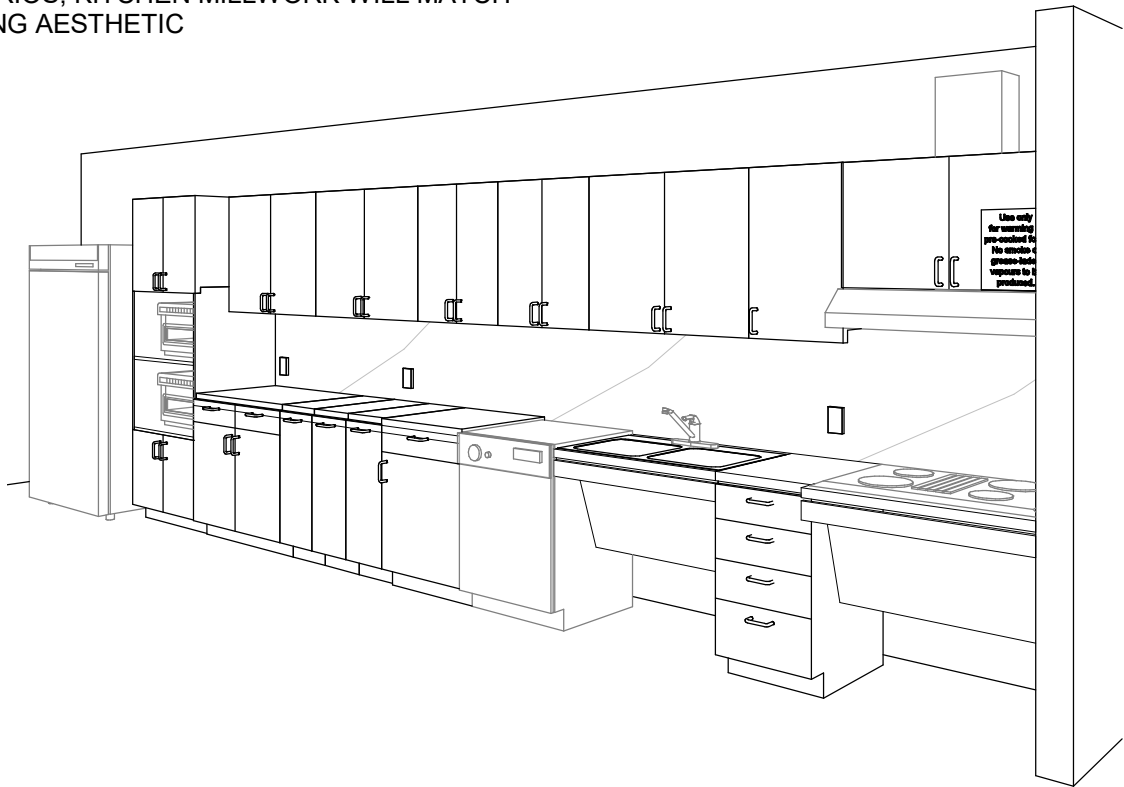
Issue: ISSUED FOR TENDER

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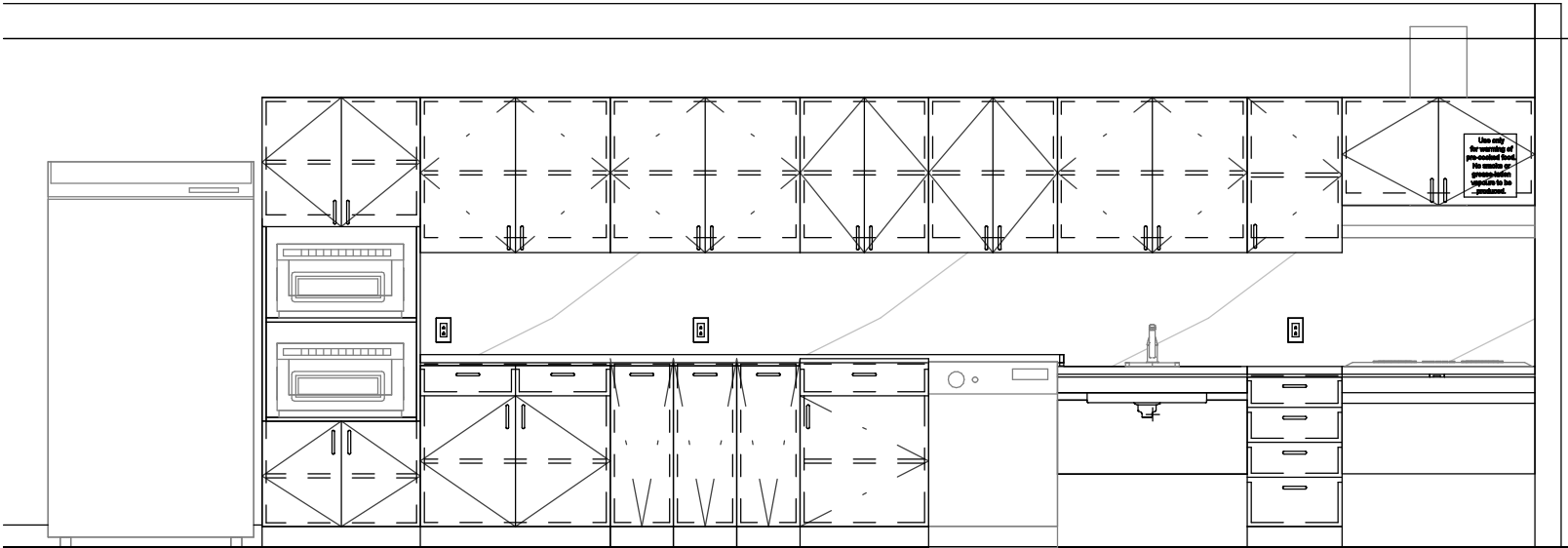
T02.1

 <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>		
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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

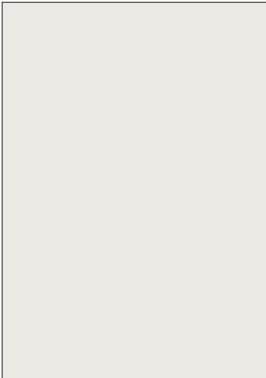
PERSPECTIVE & ELEVATION VIEWS ARE REPRESENTATIVE ONLY - REFER TO BUILDING-SPECIFIC DRAWINGS



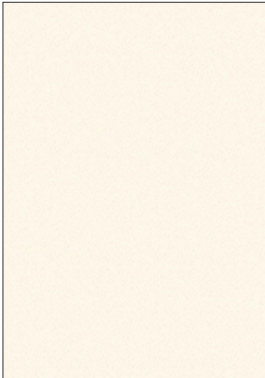
COUNTERTOP AND BACKSPLASH: Q-1
CAESARSTONE - QUARTZ
SUPERNATURAL COLLECTION
1111 VIVID WHITE



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

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T04

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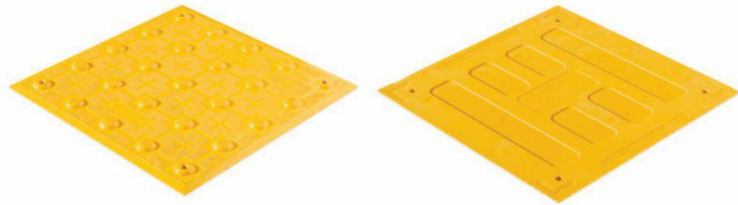
Project No: 9119- 19- 0162 / Arcadis 30279056

Date: 2025-04-11

Issue: ISSUED FOR TENDER

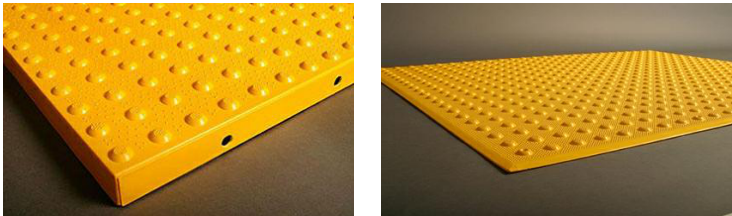
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T05



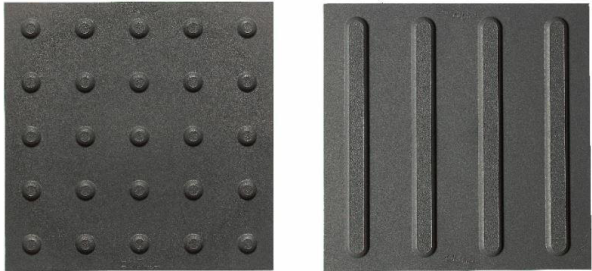
TA - 1a (SURFACE MOUNTED) INTERIOR AND EXTERIOR
TA - 1b (CAST IN PLACE) EXTERIOR
TA - 1c (SURFACE MOUNTED FIRE RATED) INTERIOR

- 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



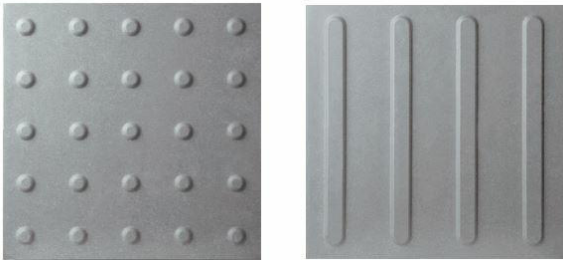
TA - 2a (SURFACE MOUNTED) INTERIOR AND EXTERIOR
TA - 2b (CAST IN PLACE) EXTERIOR

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



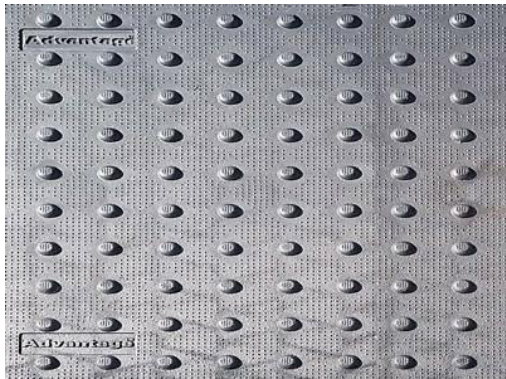
TA - 3

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



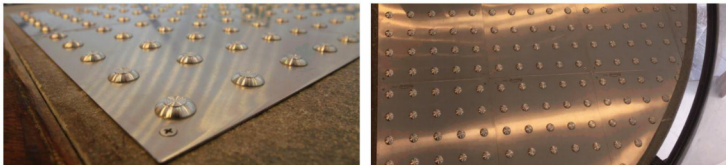
TA - 4

- 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



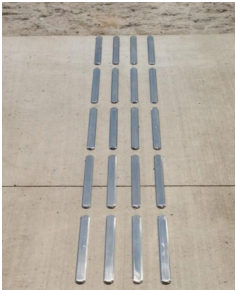
TA - 6

- 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



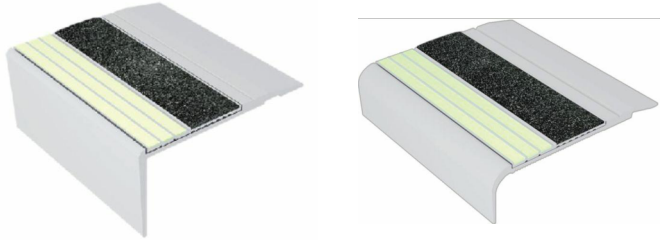
TA - 11 INTERIOR AND EXTERIOR TEXTURAL WARNING STRIP

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



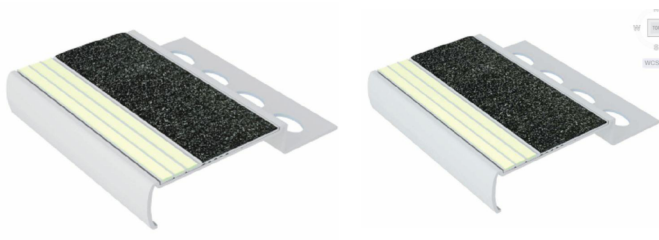
TA - 12 EXTERIOR CAST IN PLACE CONTRAST AND TEXTURAL WARNING STRIP

- 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



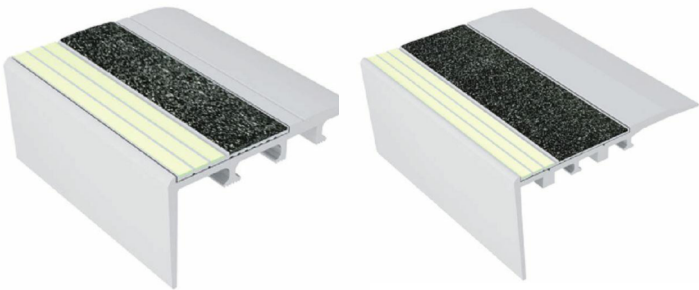
TA - 16 INTERIOR AND EXTERIOR USE (ON EXISTING) ON SMOOTH SURFACES STAIR NOSING FOR: TILE, CONC, WOOD, CARPET, VINYL.

- 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

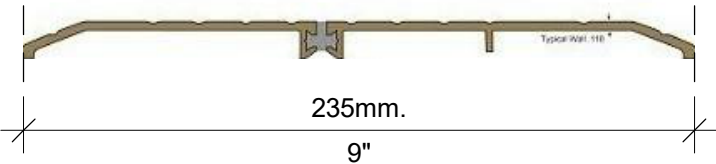
TH-1a

SMOOTH 6" WIDE THRESHOLD WITH ANTI-SLIP COATING



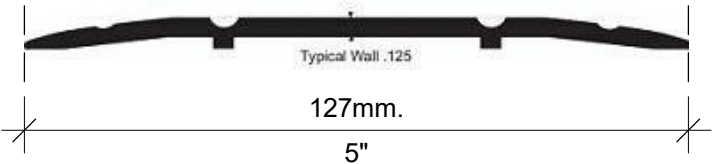
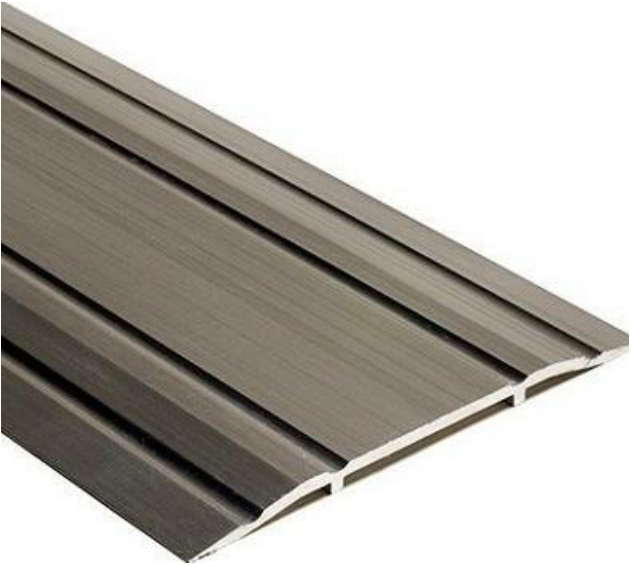
TH-2a

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)



CITY OF TORONTO ACCESSIBILITY UPGRADES

9119-19-0162 / Arcadis 30279056

POLICE NO. 43 DIVISION & EMS STATION NO.26
4331 LAWRENCE AVE E

GROUP 03
SEQ 231



ISSUES		
No.	DESCRIPTION	DATE
A	50% SUBMISSION	2022-05-11
B	90% SUBMISSION	2022-08-15
C	ISSUED FOR PERMIT	2022-08-15
D	ISSUED FOR TENDER	2023-04-29

CITY OF TORONTO
ACCESSIBILITY UPGRADES
PROGRAM GROUP 03

NOT FOR CONSTRUCTION

ISSUED FOR TENDER

GENERAL DRAWING INDEX	
SHEET NUMBER	SHEET NAME
G0001	COVER SHEET
G0002	DRAWING LIST

GENERAL DETAILS DRAWING INDEX	
SHEET NUMBER	SHEET NAME
D1901	SIGNAGE & WAYFINDING DETAILS 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 PLANS
A2001	BASEMENT AND SITE STAGING AND EXITING PLAN
A2011	FIRST FLOOR STAGING AND EXITING PLAN NORTH
A2012	FIRST FLOOR STAGING AND EXITING PLAN SOUTH
A2021	SECOND FLOOR STAGING AND EXITING PLANS
A2101	BASEMENT DEMOLITION PLAN
A2111	FIRST FLOOR DEMOLITION PLAN NORTH
A2112	FIRST FLOOR DEMOLITION PLAN SOUTH
A2121	SECOND FLOOR DEMOLITION PLANS
A2401	BASEMENT PROPOSED PLAN
A2411	FIRST FLOOR PROPOSED PLAN NORTH
A2412	FIRST FLOOR PROPOSED PLAN SOUTH
A2421	SECOND FLOOR PROPOSED PLANS
A2601	PARTIAL FINISH PLANS
A2801	PARTIAL REFLECTED CEILING PLAN
A5011	WASHROOM PLANS AND ELEVATIONS
A5012	MULTISTALL WASHROOM AND PENAL WARE PLANS
A5013	MULTISTALL WASHROOMS ELEVATIONS
A5014	UNIVERSAL WASHROOM PLANS AND ELEVATIONS
A5111	DOOR ENLARGED PLAN AND ELEVATIONS
A5211	STAIR PLANS AND SECTIONS
A5212	STAIR PLANS AND SECTIONS
A7111	KITCHEN MILLWORK PLAN AND ELEVATIONS
A7112	KITCHEN MILLWORK PLAN AND ELEVATIONS
A9001	DOOR AND ROOM FINISH SCHEDULES
A8000	SIGNAGE & WAYFINDING DETAILS - BASEMENT LOCATION PLAN
A8010	SIGNAGE & WAYFINDING DETAILS - LEVEL 1 NORTH LOCATION PLAN
A8011	SIGNAGE & WAYFINDING DETAILS - LEVEL 1 SOUTH LOCATION PLAN
A8020	SIGNAGE & WAYFINDING DETAILS - LEVEL 2 LOCATION PLAN
A8100	SIGNAGE & WAYFINDING DETAILS - MESSAGE SCHEDULE
A8101	SIGNAGE & WAYFINDING DETAILS - MESSAGE SCHEDULE
A8102	SIGNAGE & WAYFINDING DETAILS - MESSAGE SCHEDULE
A8103	SIGNAGE & WAYFINDING DETAILS - MESSAGE SCHEDULE

MECHANICAL DRAWING INDEX	
SHEET NUMBER	SHEET NAME
M0001	MECHANICAL DRAWING LIST
M0201	MECHANICAL EQUIPMENT SCHEDULE
M1101	DEMOLITION PLAN - BASEMENT FLOOR
M1102	DEMOLITION PLAN - GROUND FLOOR
M1103	DEMOLITION PLAN - SECOND FLOOR
M2101	PLUMBING - BASEMENT FLOOR
M2102	PLUMBING - GROUND FLOOR
M2103	PLUMBING - SECOND FLOOR
M3101	DRAINAGE - BASEMENT FLOOR
M3102	DRAINAGE - GROUND FLOOR
M3103	DRAINAGE - SECOND FLOOR
M5101	HVAC - GROUND FLOOR
M5102	HVAC - SECOND FLOOR
M6101	FIRE PROTECTION - GROUND FLOOR
M6102	FIRE PROTECTION - SECOND FLOOR

ELECTRICAL DRAWING INDEX	
SHEET NUMBER	SHEET NAME
E0000	DRAWING LIST
E1100	ELECTRICAL DEMOLITION PLAN BASEMENT
E1101	ELECTRICAL DEMOLITION PLAN 1ST FLOOR
E1102	ELECTRICAL DEMOLITION PLAN 2ND FLOOR
E2100	POWER & SYSTEMS PLAN BASEMENT
E2101	POWER & SYSTEMS PLAN 1ST FLOOR
E2102	POWER & SYSTEMS PLAN 2ND FLOOR

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CONSULTANTS

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PROJECT TITLE
CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS
POLICE NO. 43 DIVISION &
EMS STATION NO.26
4331 LAWRENCE AVE E

PROJECT NO:
9119-19-0162 / Arcadis 30279056

DRAWN BY:
J. FORTE

CHECKED BY:
L. BANDIERA

PROJECT MGR:
L. SOSA

APPROVED BY:
M. KUO

SHEET TITLE
DRAWING LIST

SHEET NUMBER

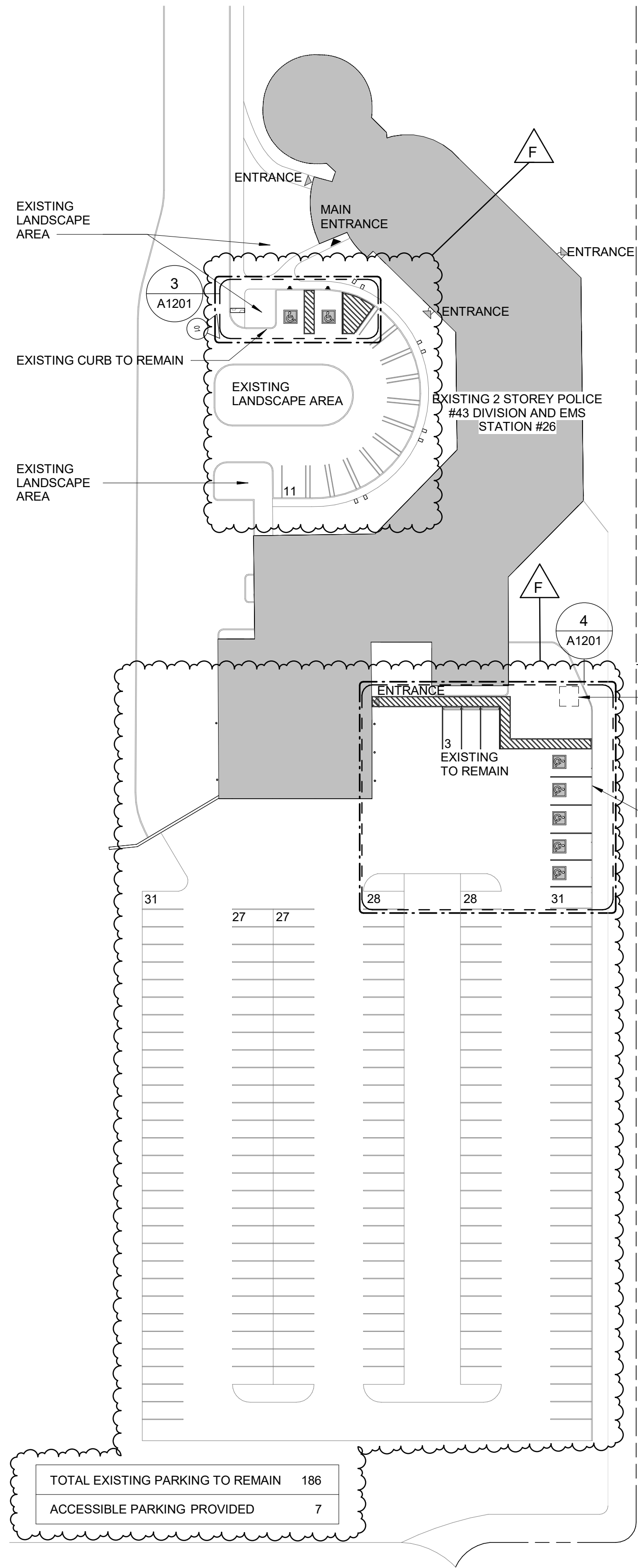
G03-231-G0002

ISSUE

D

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 POLICE NO. 43 DIVISION & EMS STATION NO.26 ACCESSIBILITY UPGRADES Location 4331 LAWRENCE AVE E. SCARBOROUGH, TORONTO ON M1E 2T4		
ITEM	Ontario's 2012 Building Code Data Matrix Part 3 or 9		OBC REFERENCE <small>References are to Division B unless noted (A) for Division A or (C) for Division C</small>		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>	<input checked="" type="checkbox"/> PART 11 11.1 to 11.4	<input checked="" type="checkbox"/> PART 3	<input type="checkbox"/> PART 9 1.1.2. [A] & 9.10.1.3.	
2.	MAJOR OCCUPANCY(S) GROUP F2 - MEDIUM HAZARD INDUSTRIAL OCCUPANCY SUBSIDIARY OCCUPANCY(S) GROUP D - BUSINESS AND PERSONAL SERVICE OCCUPANCY		3.1.2.1. (1)	9.10.2.	EXISTING NO CHANGE
3.	BUILDING AREA (m²) EXISTING - 2544.0	EXISTING NO CHANGE	1.4.1.2. [A]	1.4.1.2. [A]	
4.	GROSS AREA (m²) EXISTING - 4791.3	EXISTING NO CHANGE	1.4.1.2. [A]	1.4.1.2. [A]	EXISTING NO CHANGE
5.	NUMBER OF STOREYS ABOVE GRADE - 2 BELOW GRADE - 1 PARTIAL		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		3.2.2.67.	9.10.2.	
8.	SPRINKLER SYSTEM PROPOSED <div><input checked="" type="checkbox"/> ENTIRE BUILDING <input type="checkbox"/> SELECTED COMPARTMENTS <input type="checkbox"/> SELECTED FLOOR AREAS <input type="checkbox"/> BASEMENT <input type="checkbox"/> NOT REQUIRED</div>	EXISTING NO CHANGE <div><input type="checkbox"/> IN LIEU OF ROOF RATING</div>	3.2.2.67 3.2.1.5 3.2.2.17 INDEX	9.10.8.2 INDEX	EXISTING NO CHANGE
9.	STANDPIPE REQUIRED STANDPIPE PROVIDED	<div><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</div>	3.2.9.	N/A	EXISTING NO CHANGE
10.	FIRE ALARM REQUIRED FIRE ALARM PROVIDED	<div><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</div>	3.2.4.	9.10.18.	EXISTING NO CHANGE
11.	WATER SERVICE/SUPPLY IS ADEQUATE	<div><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</div>	3.2.5.7.	N/A	EXISTING NO CHANGE
12.	HIGH BUILDING	<div><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</div>	3.2.6.	N/A	
13.	CONSTRUCTION RESTRICTIONS ACTUAL CONSTRUCTION	<div><input type="checkbox"/> COMBUSTIBLE PERMITTED <input type="checkbox"/> COMBUSTIBLE <input type="checkbox"/> NON-COMBUSTIBLE REQUIRED <input checked="" type="checkbox"/> NON-COMBUSTIBLE</div> <div><input checked="" type="checkbox"/> BOTH <input type="checkbox"/> BOTH</div>	3.2.2.67.	9.10.6.	EXISTING NO CHANGE
14.	MEZZANINE (S) AREA m²	N/A	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	<div><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO (EXPLAIN)</div>	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	<div><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</div>	3.3.1.2 & 3.3.1.19	9.10.1.3.(4)	
18a.	REQUIRED FIRE RESISTANCE RATING (FRR)	HORIZONTAL ASSEMBLIES FRR (HOURS) FLOORS NO CHANGE ROOF NO CHANGE MEZZANINE N/A	3.2.2.67. & 3.2.1.4.	9.10.8. 9.10.9.	

ITEM	Ontario's 2012 Building Code Data Matrix Part 3 or 9										OBC REFERENCE <small>References are to Division B unless noted (A) for Division A or (C) for Division C</small>		REMARKS	
18b.	REQUIRED FIRE RESISTANCE RATING (FRR)	FRR OF SUPPORTING MEMBERS		LISTED DESIGN NO. OR DESCRIPTION (SB-2)						SB-2 TABLE 2.1.1.				
		FLOORS	NO CHANGE											
		ROOF	NO CHANGE											
		MEZZANINE								SB-2 TABLE 2.1.1.				
19.	SPATIAL SEPARATION - CONSTRUCTION OF EXTERIOR WALLS										3.2.3.	9.10.14.		
	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-GLAZING	NON-COMB. CONST.	EXISTING NO CHANGE		
	NORTH					-	0	-	-	-	-			
	SOUTH					-	0	-	-	-	-			
	EAST					-	0	-	-	-	-			
	WEST					-	0	-	-	-	-			
20.	PLUMBING FIXTURE REQUIREMENTS													
	MALE / FEMALE COUNT @ EXCEPT AS NOTED OTHERWISE										EXISTING NO CHANGE		<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 REFERENCE		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: BY INCREASE IN OCCUPANT LOAD: BY CHANGE OF MAJOR OCCUPANCY: PLUMBING: SEWAGE SYSTEM:								<div><input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES</div> <div>11.4.2. 11.4.2.1. 11.4.2.2. 11.4.2.3.</div>				
11.4	COMPENSATING CONSTRUCTION:	STRUCTURAL: BY INCREASE IN OCCUPANT LOAD: BY CHANGE OF MAJOR OCCUPANCY: PLUMBING: SEWAGE SYSTEM:								<div><input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (EXPLAIN) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (EXPLAIN) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (EXPLAIN) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (EXPLAIN)</div> <div>11.4.3 11.4.3.2 11.4.3.3 11.4.3.4 11.4.3.5 11.4.3.6</div>				
11.5	COMPLIANCE ALTERNATIVES PROPOSED:	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (GIVE NUMBERS)								11.5.1				



1 SITE PLAN
Scale: 1 : 500



2 KEY PLAN
Scale: NTS



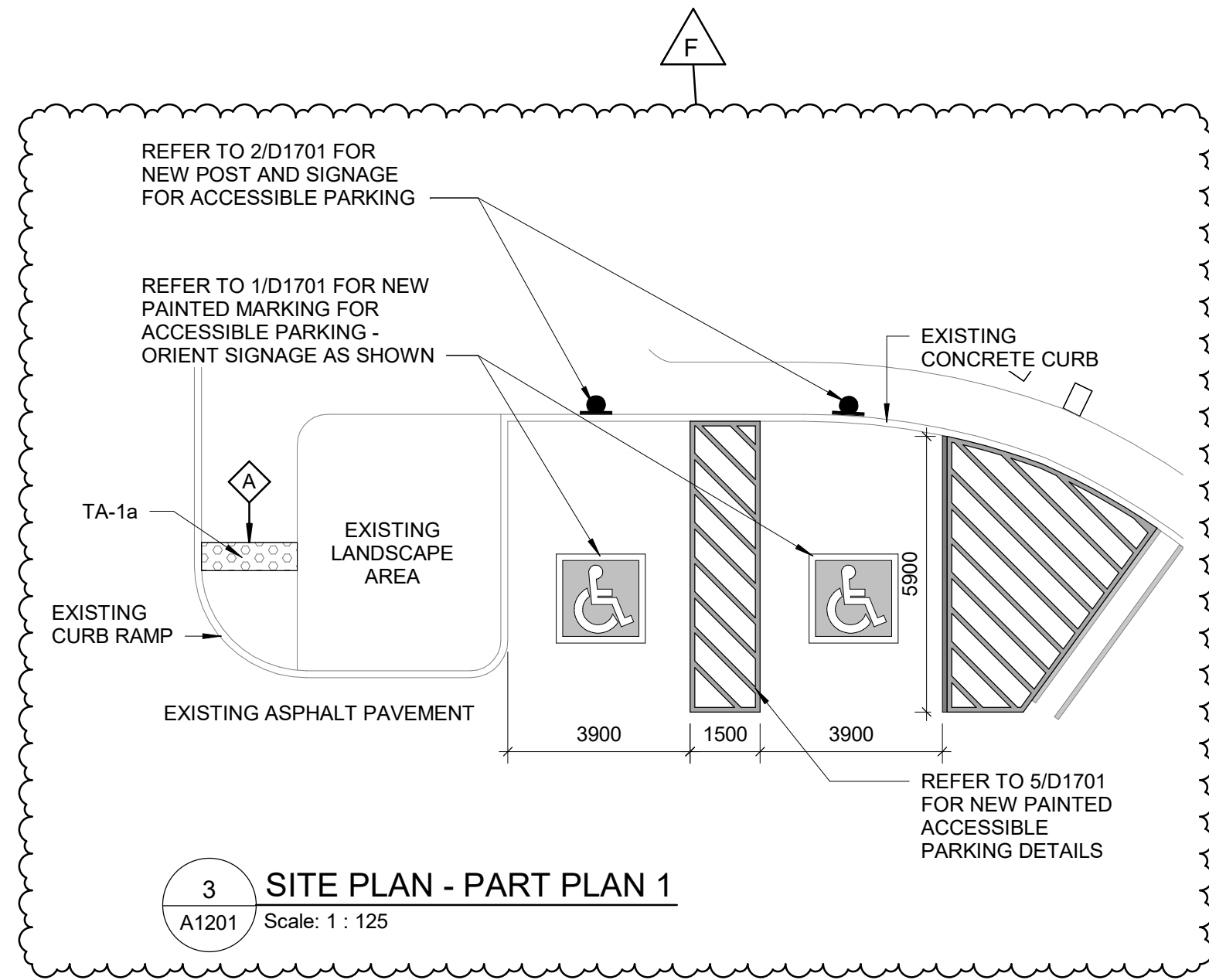
3 SITE PLAN - PART PLAN 1
A1201 / Scale: 1 : 125



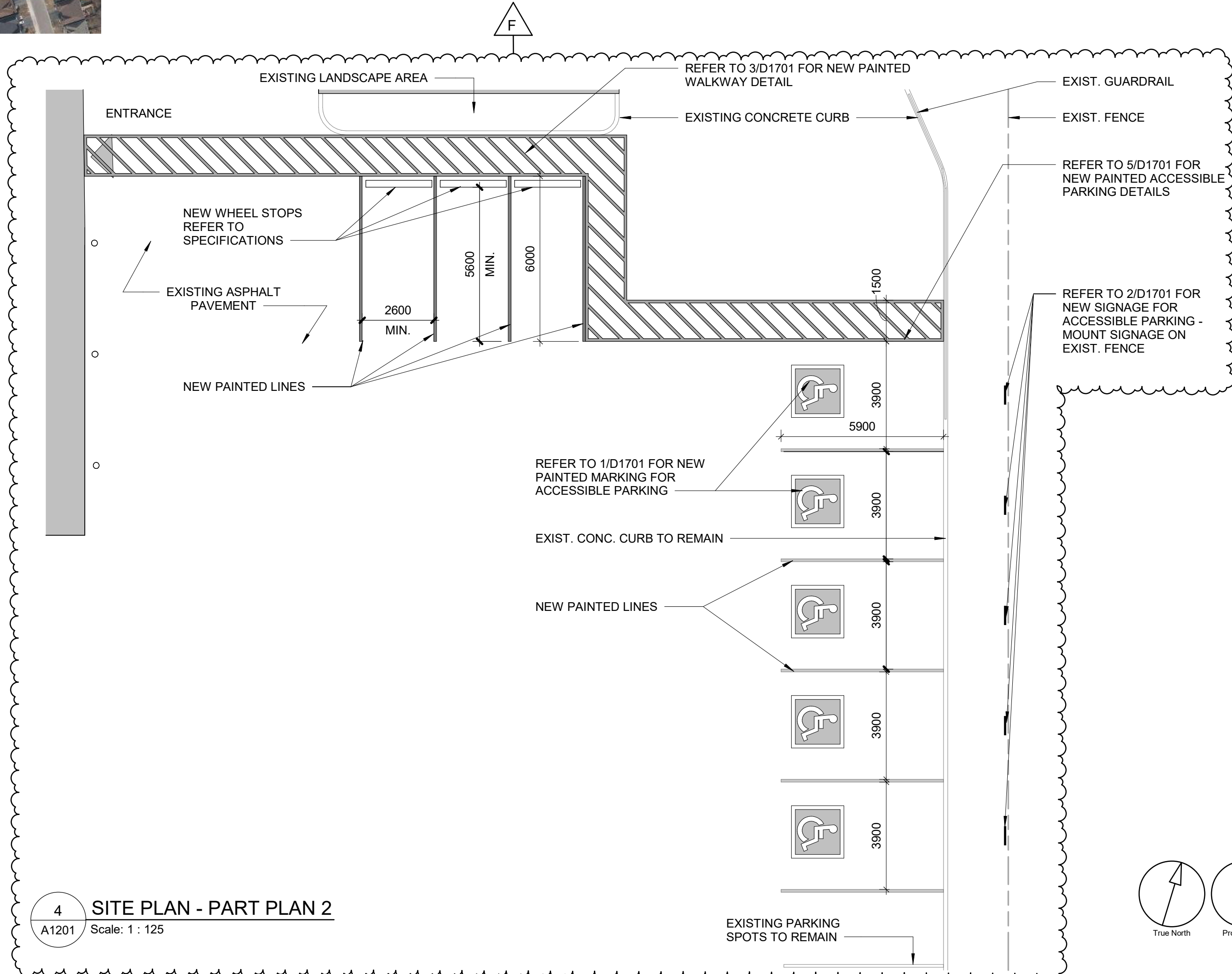
PHOTO 1



PHOTO 2



3 SITE PLAN - PART PLAN 1
A1201 / Scale: 1 : 125



4 SITE PLAN - PART PLAN 2
A1201 / Scale: 1 : 125

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 AND TO REPORT ANY DISCREPANCY TO THE CONSULTANT AND THE OWNER BEFORE COMMENCEMENT OF THE WORK.

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C	ISSUED FOR PERMIT	2022-08-15
E	RE-ISSUED AS PER PERMIT COMMENTS	2022-11-23
F	RE-ISSUED AS PER ZONING COMMENTS	2023-01-31
D	ISSUED FOR TENDER	2025-04-29

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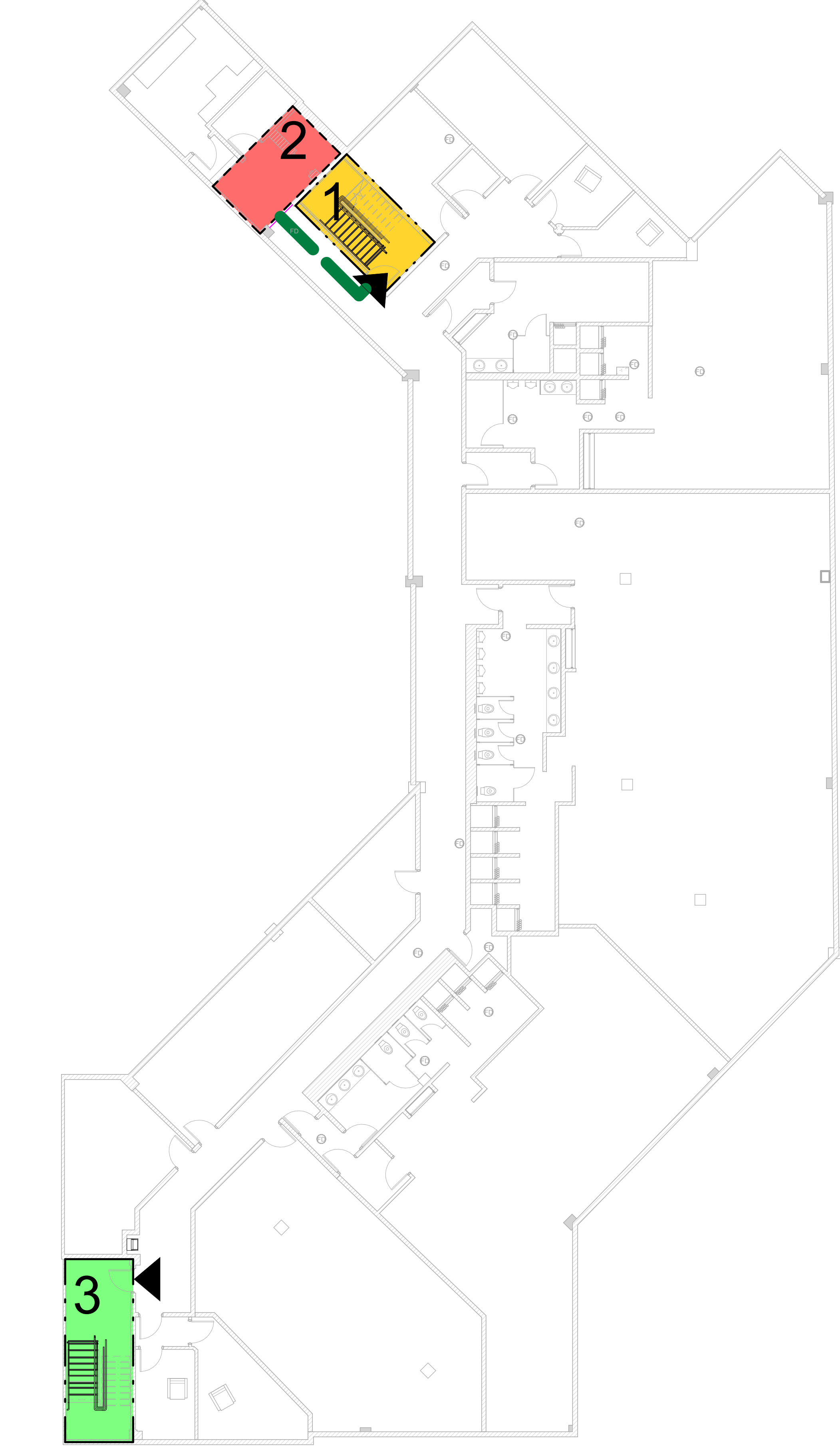
PROJECT TITLE
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ACCESSIBILITY UPGRADES**

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4331 LAWRENCE AVE E**

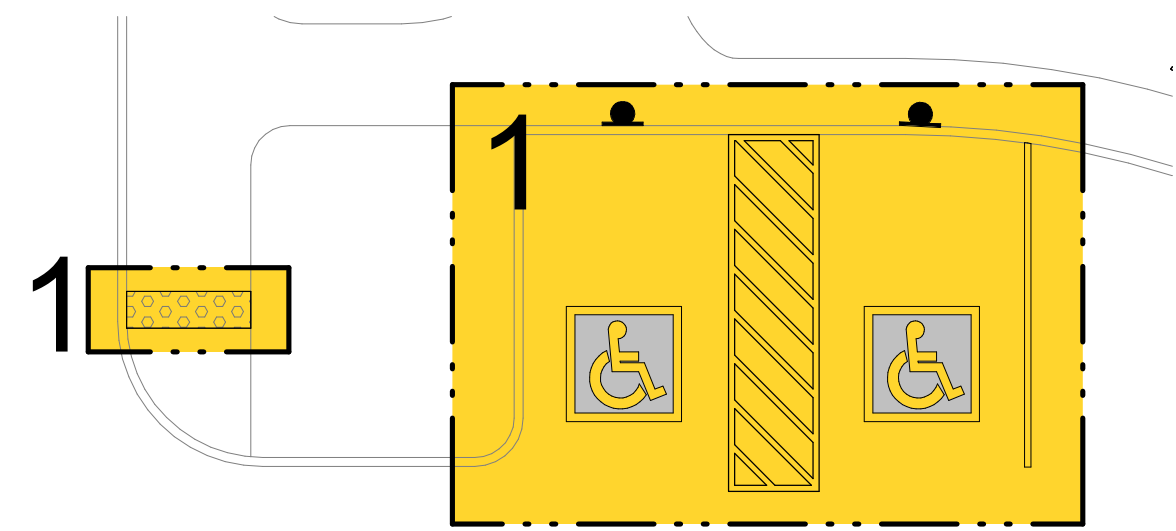
PROJECT NO:
9119-19-0162 / Arcadis 30279056
DRAWN BY:
J. FORTE/M.L.
PROJECT MGR:
L. SOSA
CHECKED BY:
L. BANDIERA
APPROVED BY:
M. KUO

SHEET TITLE
SITE PLANS

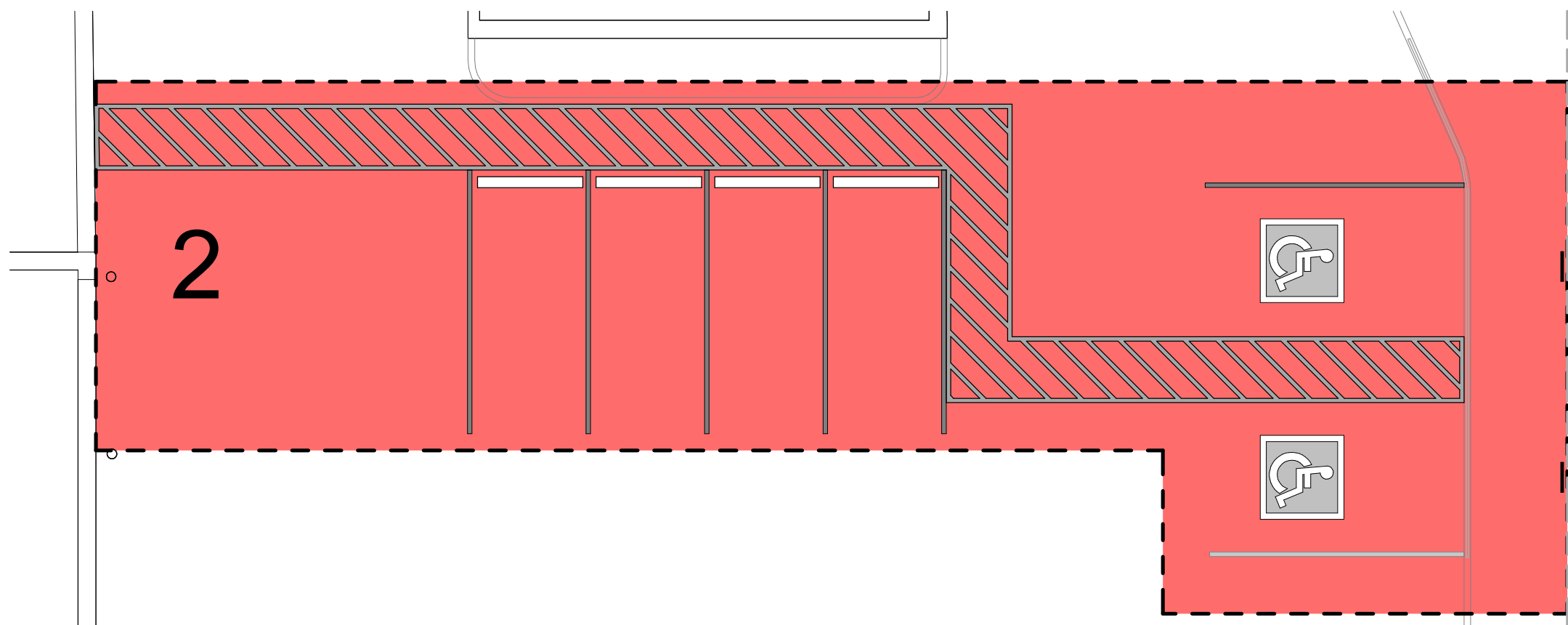
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ISSUE
F



1 BASEMENT STAGING PLAN
Scale: 1 : 125



2 SITE STAGING PLAN - PART PLAN 1
Scale: 1 : 125



3 SITE STAGING PLAN - PART PLAN 2
Scale: 1 : 125

CONSTRUCTION STAGING LEGEND

- STAGE 1
- STAGE 2
- STAGE 3
- STAGE 4
- EMERGENCY EXIT
- TRAVEL PATH

STAGING GENERAL NOTES

- EXISTING FACILITY WILL REMAIN OPERATIONAL DURING CONSTRUCTION. CONSTRUCTION WORK CANNOT IMPACT FACILITY OPERATION WITHOUT FIRST NOTIFYING AND CONSULTING WITH THE OWNER.
- ALL STAGES ARE TO BE COMPLETED IN SEQUENTIAL ORDER.
- IF AN EXISTING EXIT WILL BE BLOCKED DUE TO CONSTRUCTION THE GC IS TO PROVIDE A TEMPORARY EXIT BASED ON THE ARCHITECTS APPROVED DESIGN AND LOCATION. 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.
- IF EXISTING FIRE ALARM SYSTEM NEEDS TO BE TEMPORARILY INTERRUPTED TO COMPLETE THE WORK, A FULL TIME FIRE WATCH SHALL BE PROVIDED.
- CONTRACTOR SHALL ALLOW FOR THE FOLLOWING:
A) TEMPORARY SIGNAGE
B) TEMPORARY ACCESS WITH ACCESSIBLE RAMPS AS REQUIRED BY ONTARIO REGULATION 191/11 80.13.
- ALL STAGING INCLUDES BOTH DEMOLITION AND NEW SCOPE OF WORK.
- PROVIDE AND MODIFY CONSTRUCTION BARRIER/SIGNAGE ETC. TO SUIT SITE CONDITION AND CONSTRUCTION SEQUENCE.
- WORK LISTED IN STAGES IS FOR REFERENCE ONLY. EACH STAGE MUST BE COMPLETED AS PER CONTRACT DOCUMENTS BEFORE STARTING THE NEXT STAGE AND SHALL NOT AFFECT NORMAL OPERATION OR EXITING OF THE FACILITY.
- FOR ALL OTHER REQUIREMENTS - REFER TO SPECIFICATIONS.
- KEEP EXITS CLEAR FROM OBSTRUCTIONS DURING CONSTRUCTION.

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ACCESSIBILITY UPGRADES

PROJECT ADDRESS

POLICE NO. 43 DIVISION &
EMS STATION NO.26
4331 LAWRENCE AVE E

PROJECT NO:
9119-19-0162 / Arcadis 30279056

DRAWN BY:
J. FORTE/M.L.

CHECKED BY:
L. BANDIERA

PROJECT MGR:
L. SOSA

APPROVED BY:
M. KUO

SHEET TITLE

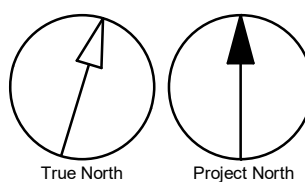
BASEMENT AND SITE
STAGING AND EXITING
PLAN

SHEET NUMBER

G03-231-A2001

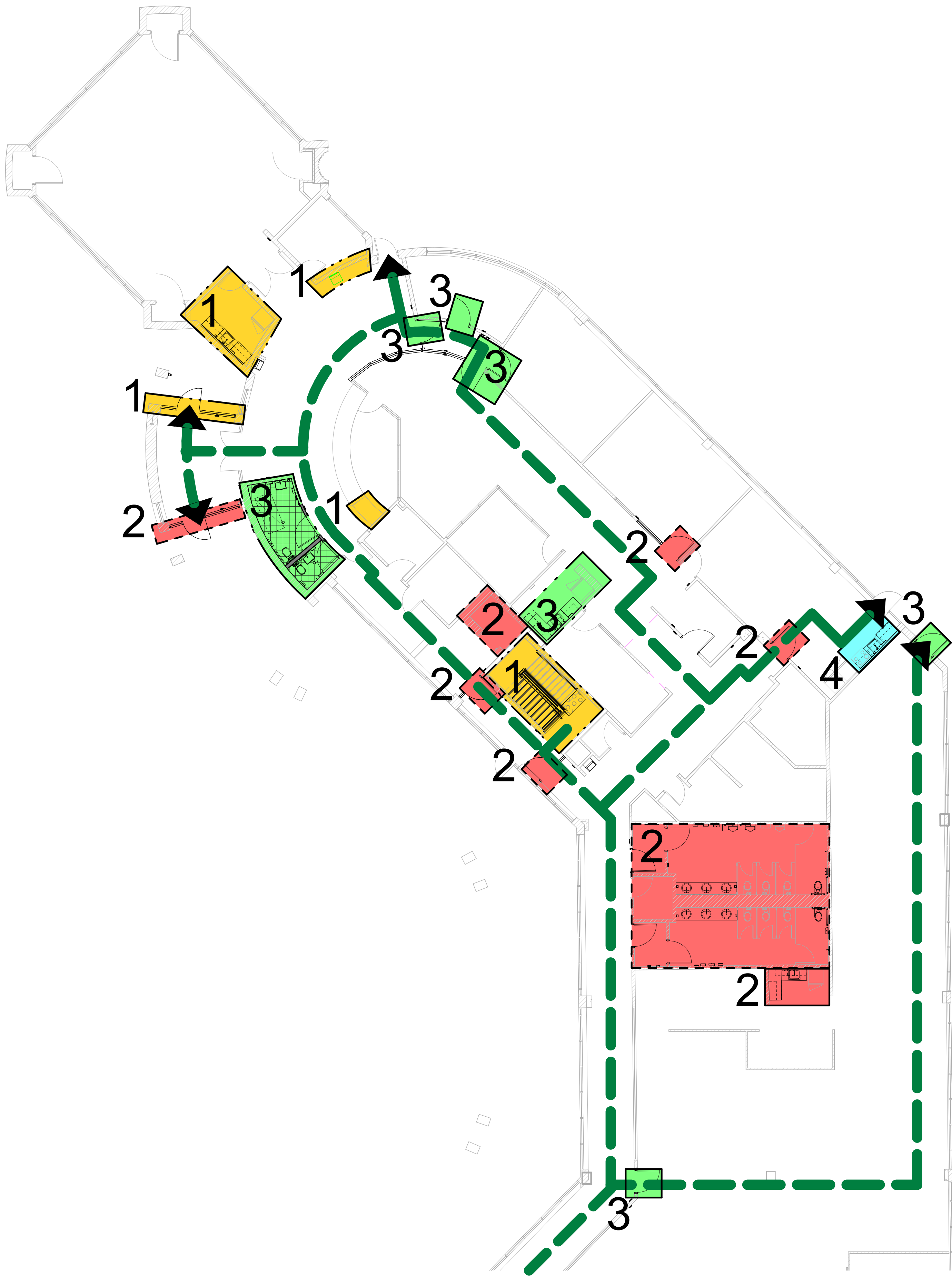
ISSUE

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CONSTRUCTION STAGING LEGEND

- STAGE 1
- STAGE 2
- STAGE 3
- STAGE 4
- EMERGENCY EXIT
- TRAVEL PATH

STAGING GENERAL NOTES

- EXISTING FACILITY WILL REMAIN OPERATIONAL DURING CONSTRUCTION. CONSTRUCTION WORK CANNOT IMPACT FACILITY OPERATION WITHOUT FIRST NOTIFYING AND CONSULTING WITH THE OWNER.
- ALL STAGES ARE TO BE COMPLETED IN SEQUENTIAL ORDER.
- IF AN EXISTING EXIT WILL BE BLOCKED DUE TO CONSTRUCTION THE GC IS TO PROVIDE A TEMPORARY EXIT BASED ON THE ARCHITECTS APPROVED DESIGN AND LOCATION. 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.
- IF EXISTING FIRE ALARM SYSTEM NEEDS TO BE TEMPORARILY INTERRUPTED TO COMPLETE THE WORK, A FULL TIME FIRE WATCH SHALL BE PROVIDED.
- CONTRACTOR SHALL ALLOW FOR THE FOLLOWING:
A) TEMPORARY SIGNAGE
B) TEMPORARY ACCESS WITH ACCESSIBLE RAMPS AS REQUIRED BY ONTARIO REGULATION 191/11 80.13.
- ALL STAGING INCLUDES BOTH DEMOLITION AND NEW SCOPE OF WORK.
- PROVIDE AND MODIFY CONSTRUCTION BARRIER/SIGNAGE ETC. TO SUIT SITE CONDITION AND CONSTRUCTION SEQUENCE.
- WORK LISTED IN STAGES IS FOR REFERENCE ONLY. EACH STAGE MUST BE COMPLETED AS PER CONTRACT DOCUMENTS BEFORE STARTING THE NEXT STAGE AND SHALL NOT AFFECT NORMAL OPERATION OR EXITING OF THE FACILITY.
- FOR ALL OTHER REQUIREMENTS - REFER TO SPECIFICATIONS.
- KEEP EXITS CLEAR FROM OBSTRUCTIONS DURING CONSTRUCTION.

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CITY OF TORONTO



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M5V 3C6

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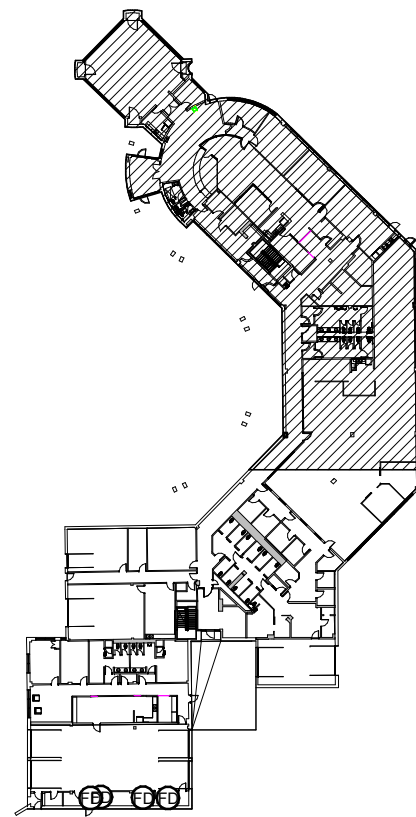
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A	50% SUBMISSION	2022-05-11
B	90% SUBMISSION	2022-08-15
C	ISSUED FOR PERMIT	2022-08-15
D	ISSUED FOR TENDER	2025-04-29

KEYPLAN



CONSULTANTS

SEAL

PRIME CONSULTANT



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Toronto, ON M9W 1C5, Canada
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PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

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4331 LAWRENCE AVE E

PROJECT NO:

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PROJECT MGR:

L. SOSA

APPROVED BY:

M. KUO

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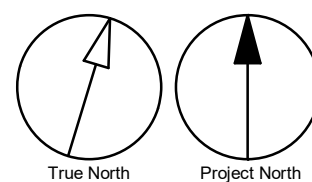
FIRST FLOOR STAGING
AND EXITING PLAN
NORTH

SHEET NUMBER

G03-231-A2011

ISSUE

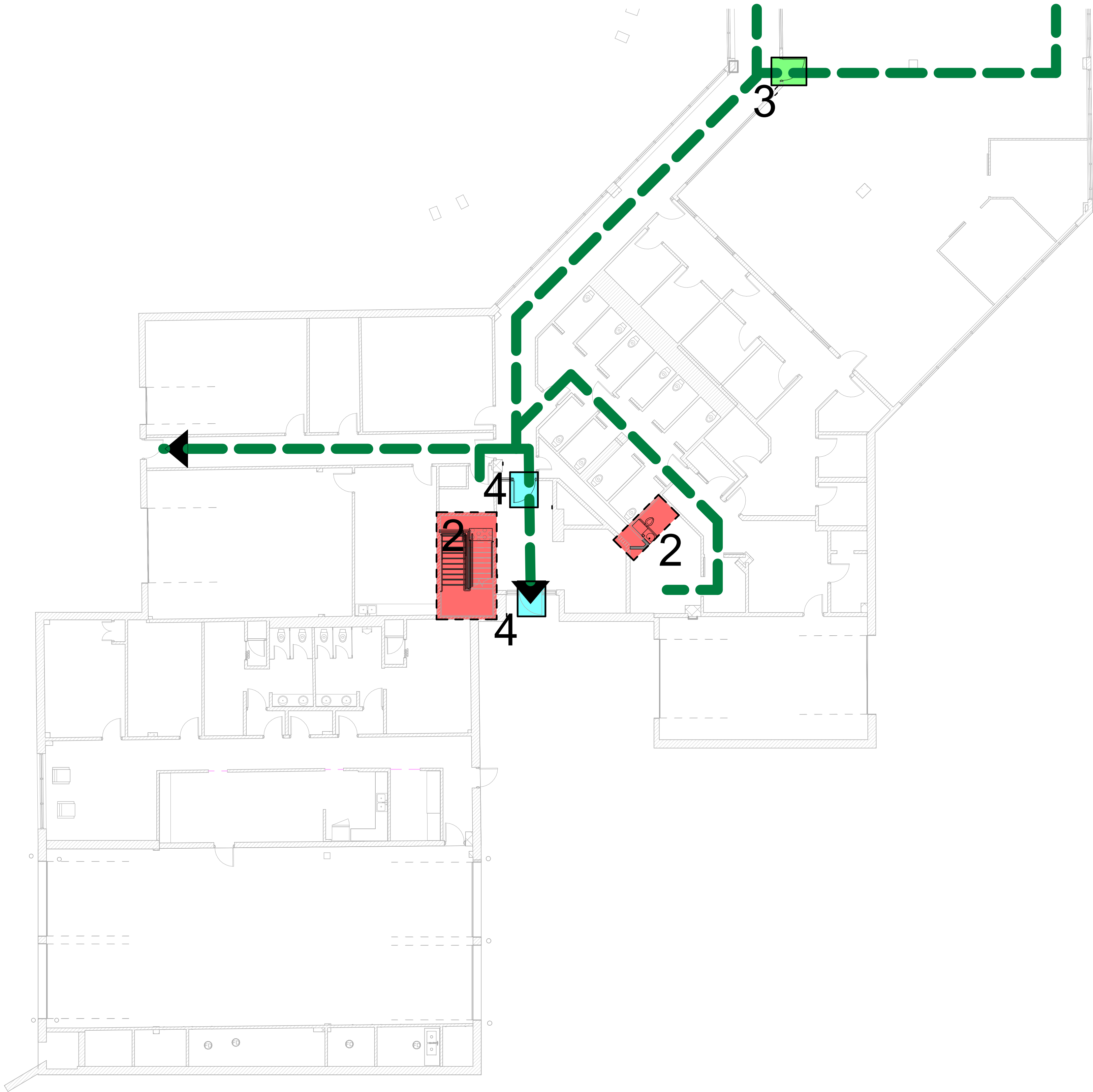
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10mm

SCALE CHECK
1 m



CONSTRUCTION STAGING LEGEND

- STAGE 1
- STAGE 2
- STAGE 3
- STAGE 4
- EMERGENCY EXIT
- TRAVEL PATH

STAGING GENERAL NOTES

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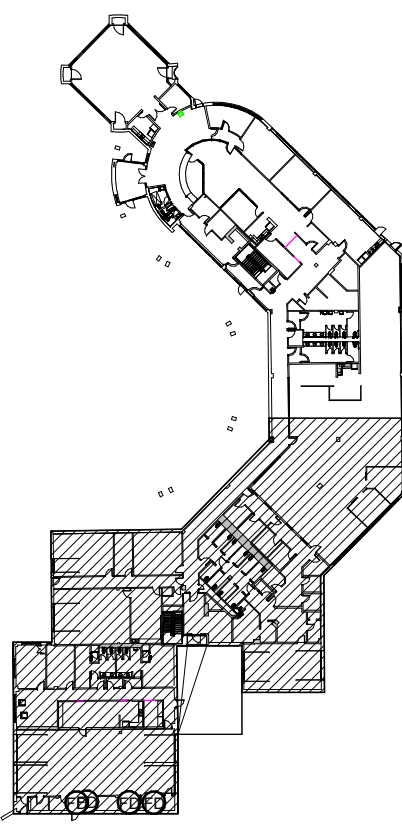
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KEYPLAN



CONSULTANTS

SEAL

PRIME CONSULTANT

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PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

POLICE NO. 43 DIVISION &
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9119-19-0162 / Arcadis 30279056

DRAWN BY:

J. FORTE

CHECKED BY:

L. BANDIERA

PROJECT MGR:

L. SOSA

APPROVED BY:

M. KUO

SHEET TITLE

FIRST FLOOR STAGING
AND EXITING PLAN
SOUTH

SHEET NUMBER

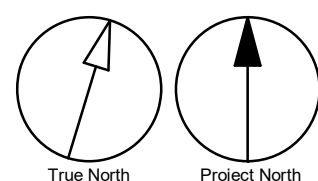
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ISSUE

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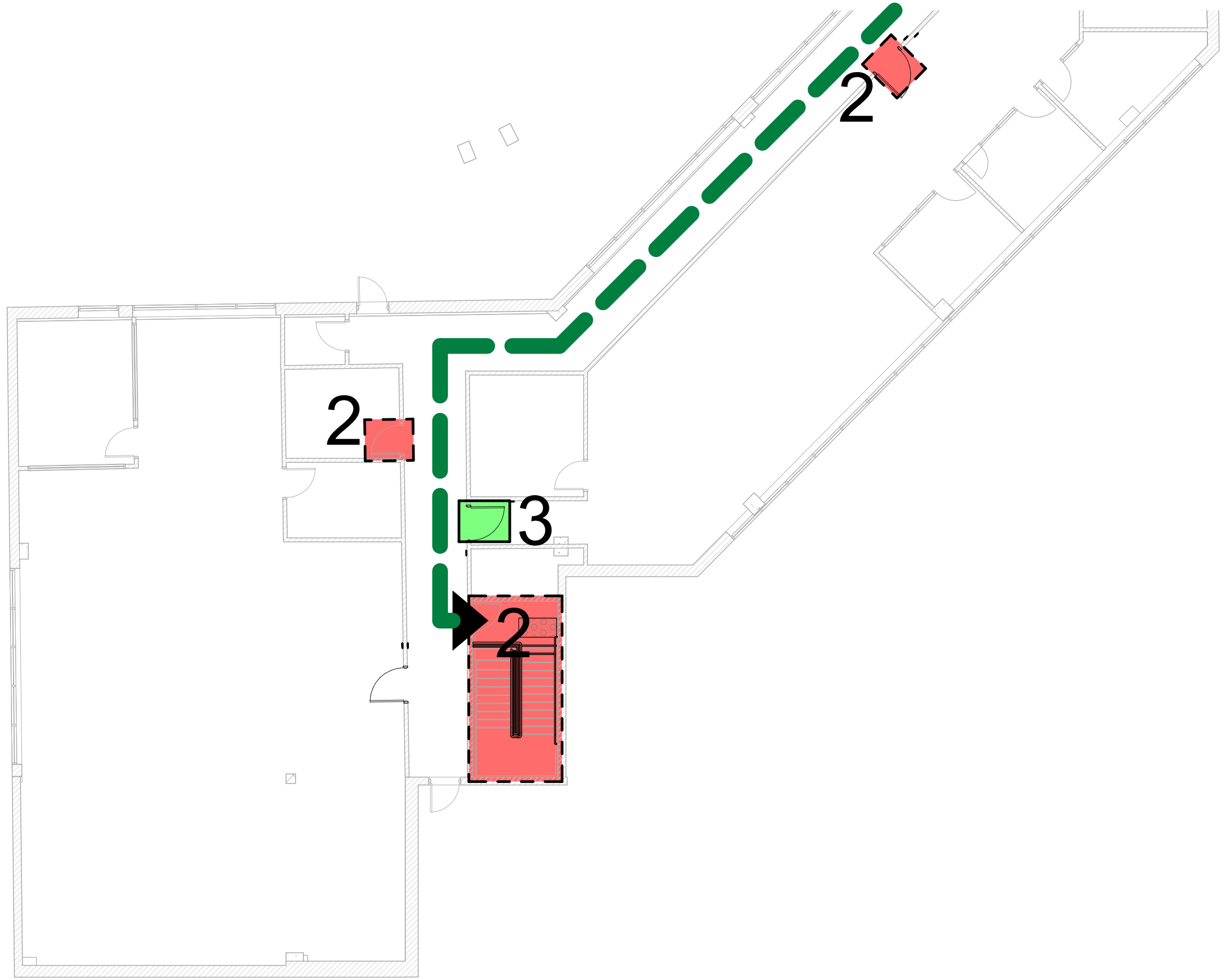
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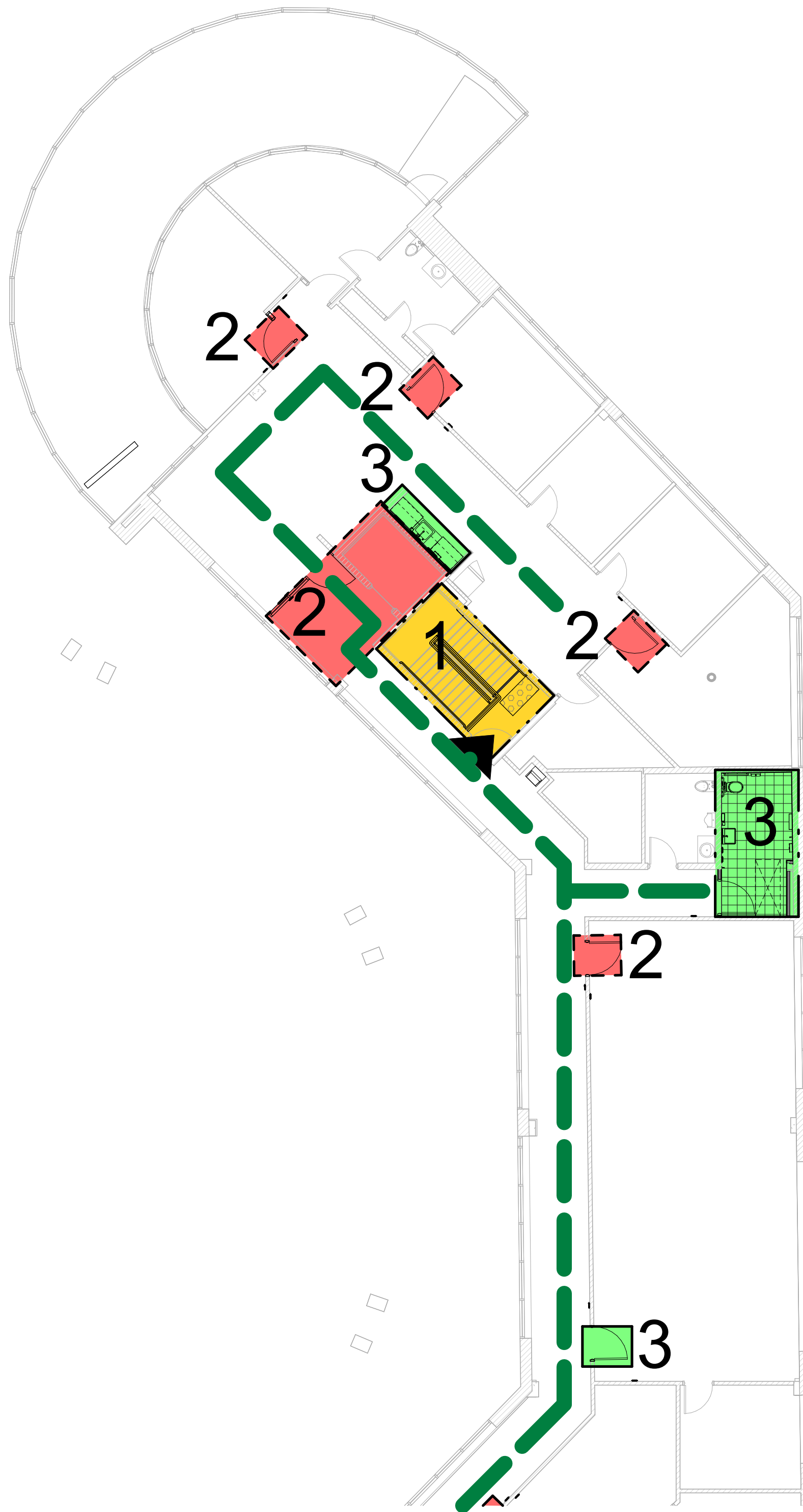
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1 SECOND FLOOR-STAGING AND EXITING PLAN SOUTH SIDE
Scale: 1 : 125



2 SECOND FLOOR-STAGING AND EXITING PLAN NORTH SIDE
Scale: 1 : 125



CONSTRUCTION STAGING LEGEND

- STAGE 1
- STAGE 2
- STAGE 3
- STAGE 4
- EMERGENCY EXIT
- TRAVEL PATH

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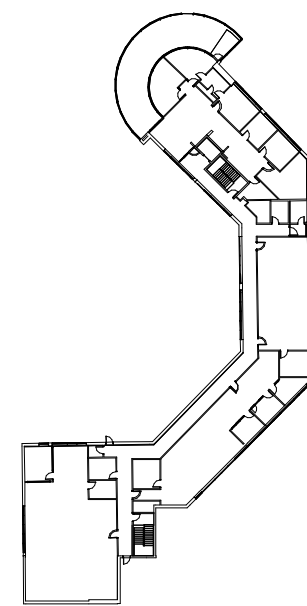
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KEYPLAN



CONSULTANTS

SEAL

PRIME CONSULTANT

ARCADIS

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tel 416 679 1930
www.arcadis.com

PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

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4331 LAWRENCE AVE E

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APPROVED BY:

M. KUO

SHEET TITLE

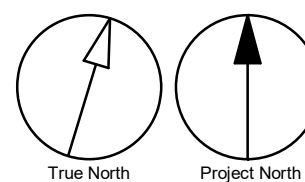
SECOND FLOOR
STAGING AND EXITING
PLANS

SHEET NUMBER

G03-231-A2021

ISSUE

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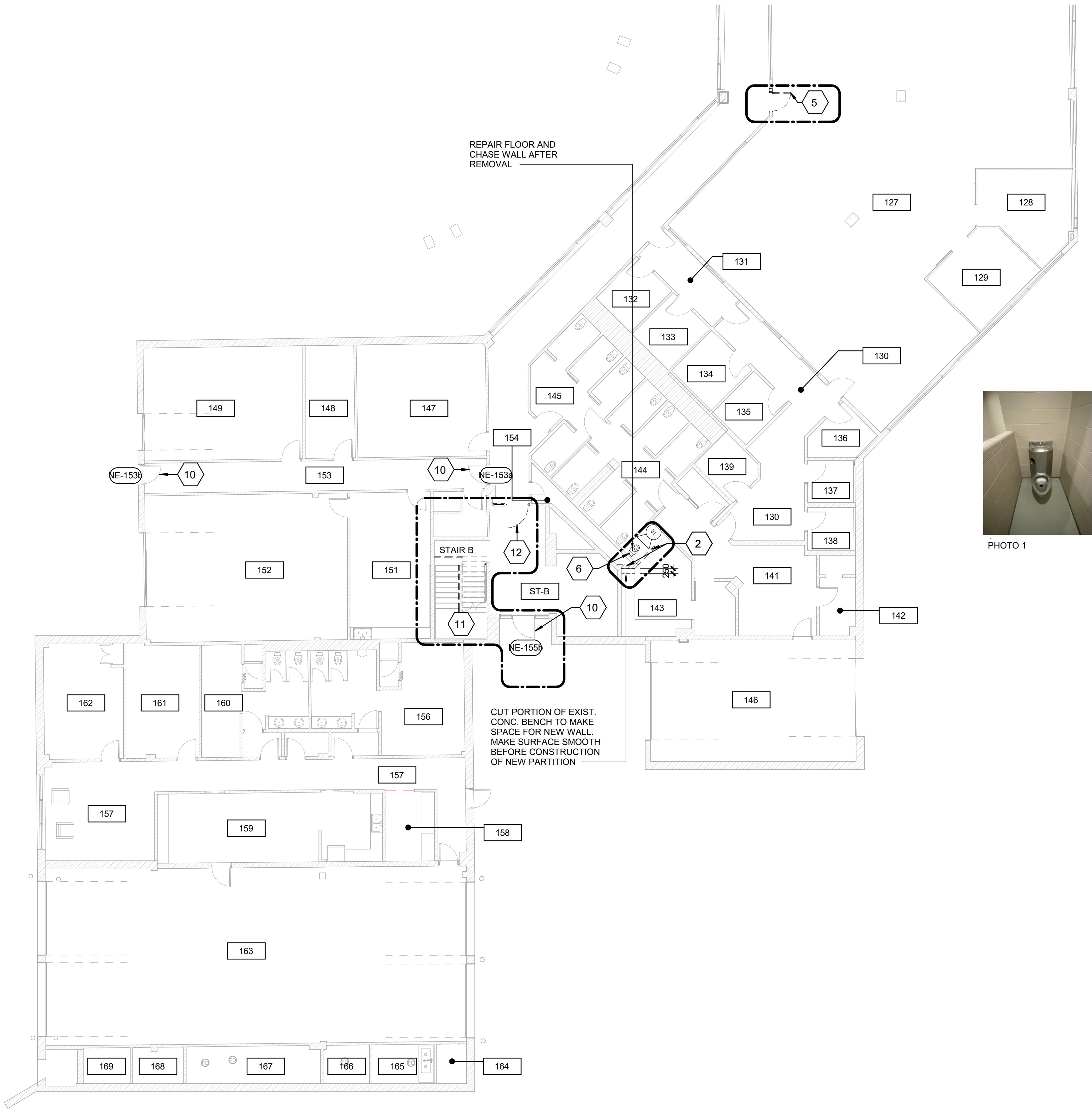


PHOTO 1

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 GENERAL NOTES

- REMOVE ALL EXISTING TACTILE SURFACE INDICATORS (WALKING ATTENTION INDICATOR, TEXTURAL WARNING STRIP, NOSING STRIP AND HAZARD STRIP ON HANDRAIL) INCLUDING ADHESIVE MATERIAL AND FASTENING SYSTEM. MAKE GOOD SURFACE TO RECEIVE NEW TACTILE SURFACE INDICATORS IN LOCATIONS SHOWN. INCREASE DEPTH AND EXTENT OF EXISTING FLOOR DEPRESSIONS AND/OR CUT BACK EXISTING FLOOR FINISH AS APPLICABLE TO SUIT THE NEW INSTALLATION.

DEMOLITION KEY NOTES

NO	DESCRIPTION
2	REMOVE EXISTING CONC. BLOCK WALL PATCH AND REPAIR AFFECTED SURFACES AT FLOOR, WALLS, COLUMNS AND CEILINGS AS REQUIRED.
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.
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.
12	REMOVE EXISTING DOOR AND FRAME. REPAIR ADJACENT AFFECTED WALL SURFACES.

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Metro Hall Toronto, ON
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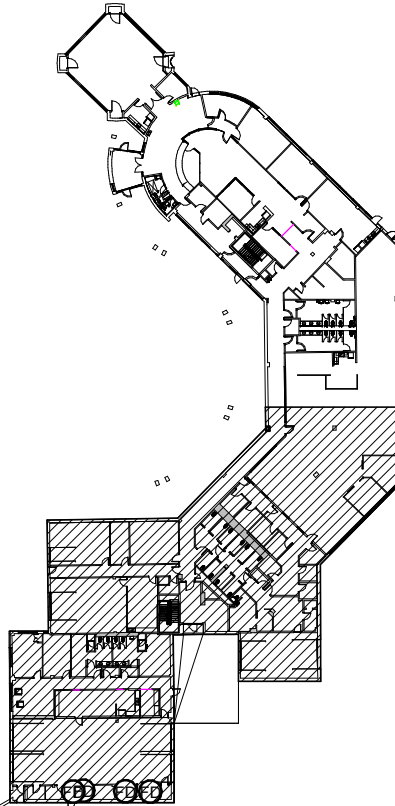
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KEYPLAN



CONSULTANTS

SEAL

PRIME CONSULTANT

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PROJECT TITLE

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ACCESSIBILITY UPGRADES

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4331 LAWRENCE AVE E

PROJECT NO:

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DRAWN BY:

J. FORTE/M.L.

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L. BANDIERA

PROJECT MGR:

L. SOSA

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SHEET TITLE

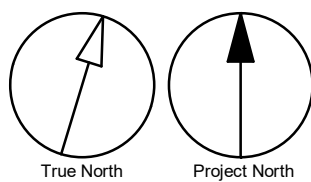
FIRST FLOOR
DEMOLITION PLAN
SOUTH

SHEET NUMBER

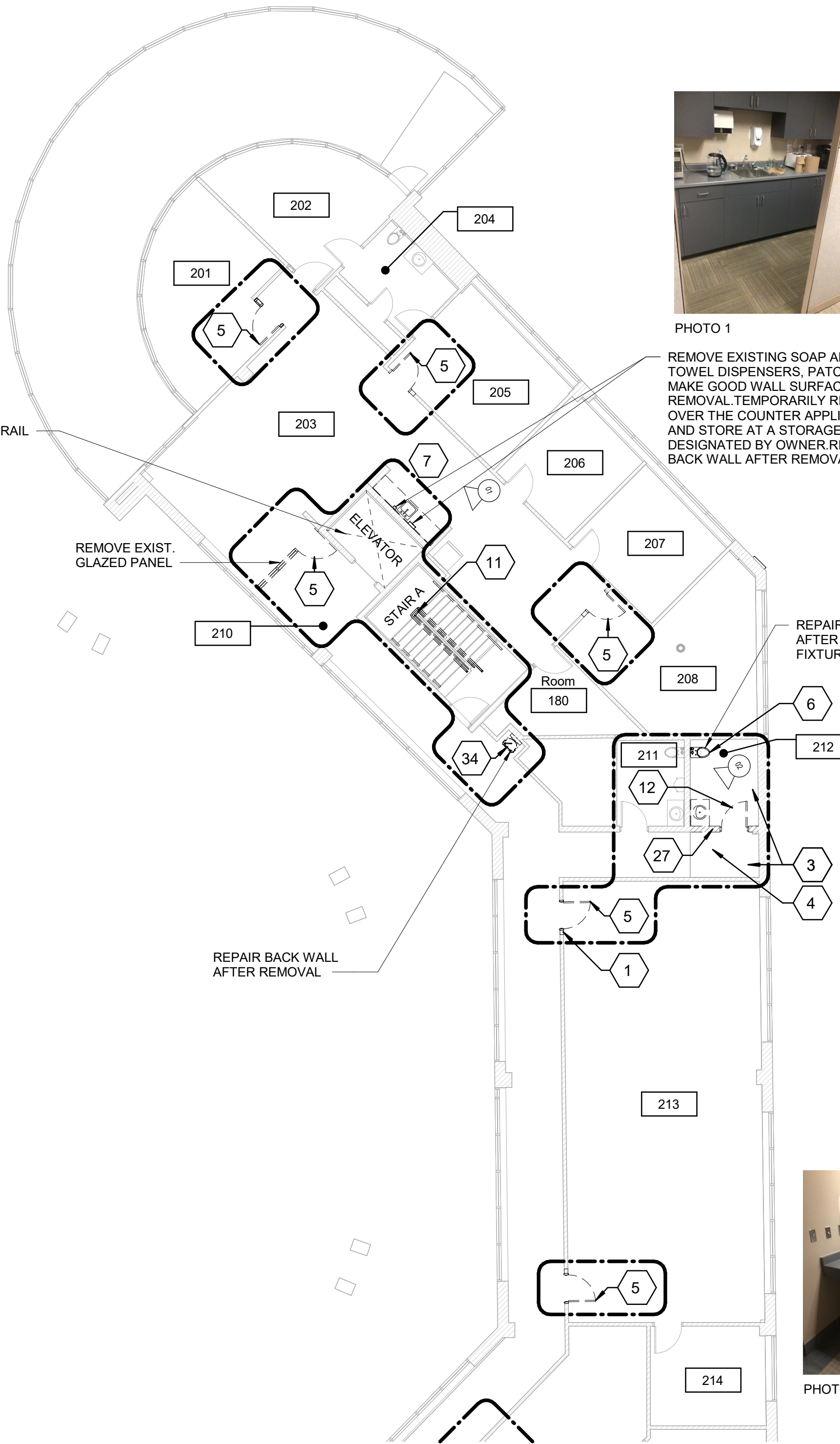
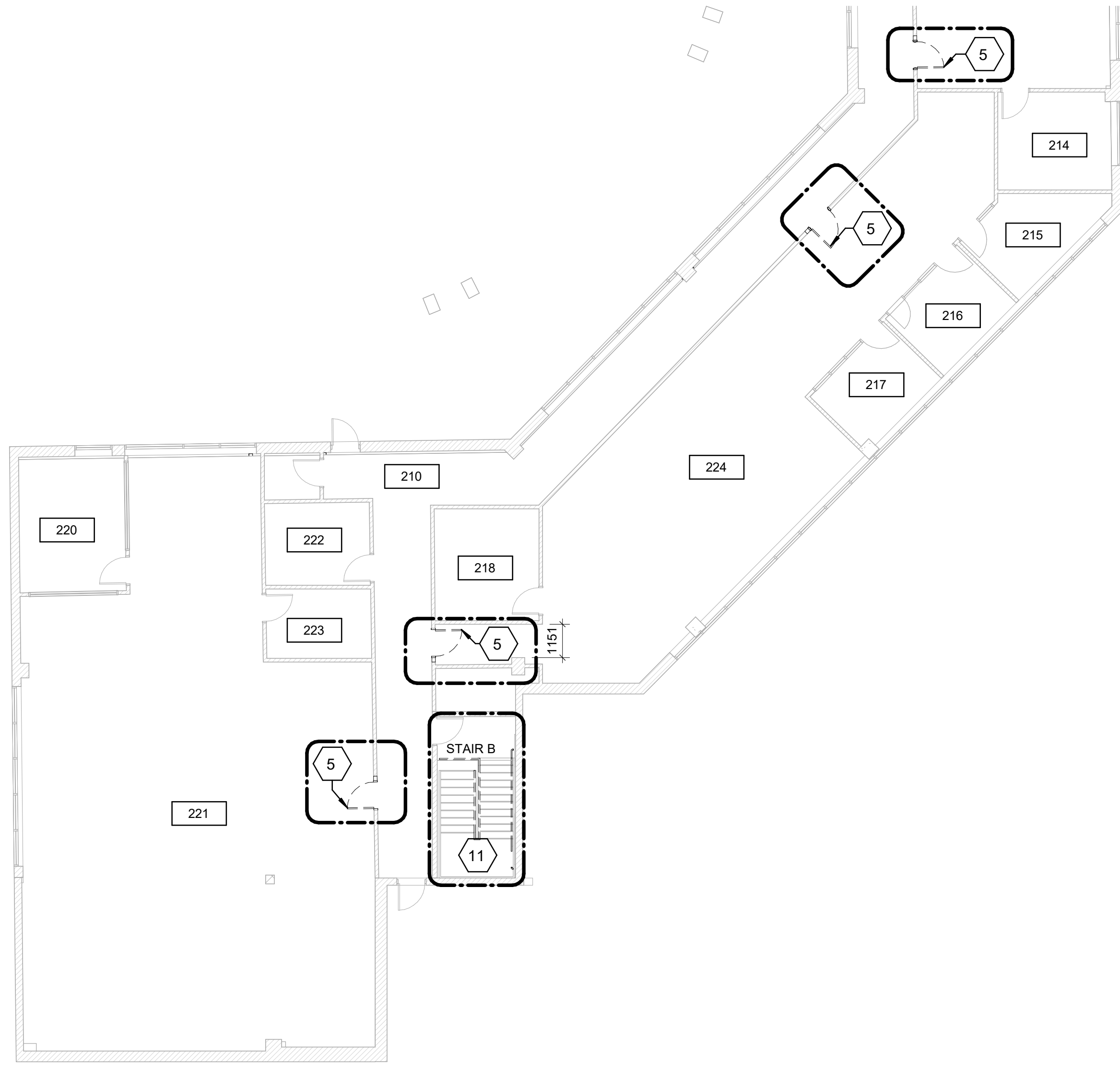
G03-231-A2112

ISSUE

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1 SECOND FLOOR-DEMOLITION PLAN SOUTH SIDE
Scale: 1 : 125



2 SECOND FLOOR-DEMOLITION PLAN NORTH SIDE
Scale: 1 : 125

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 GENERAL NOTES

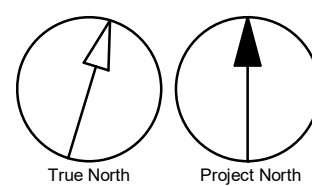
- REMOVE ALL EXISTING TACTILE SURFACE INDICATORS (WALKING ATTENTION INDICATOR, TEXTURAL WARNING STRIP, NOSING STRIP AND HAZARD STRIP ON HANDRAIL) INCLUDING ADHESIVE MATERIAL AND FASTENING SYSTEM. MAKE GOOD SURFACE TO RECEIVE NEW TACTILE SURFACE INDICATORS IN LOCATIONS SHOWN. INCREASE DEPTH AND EXTENT OF EXISTING FLOOR DEPRESSIONS AND/OR CUT BACK EXISTING FLOOR FINISH AS APPLICABLE TO SUIT THE NEW INSTALLATION.

DEMOLITION KEY NOTES

NO	DESCRIPTION
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.
4	REMOVE EXISTING CEILING TO THE EXTENT OF THE PROPOSED ROOM SIZE.
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.
12	REMOVE EXISTING DOOR AND FRAME. REPAIR ADJACENT AFFECTED WALL SURFACES.
27	REMOVE EXISTING WALL TILE. REPAIR, LEVEL AND CLEAN SURFACE READY TO RECEIVE NEW WALL TILE. REFER TO FINISH SCHEDULE.
34	REMOVE EXISTING DRINKING FOUNTAIN TO ACCOMMODATE NEW WATER FOUNTAIN.

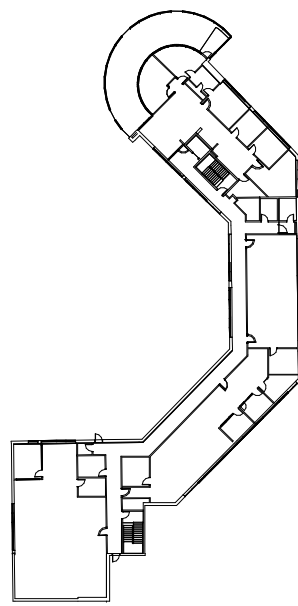


PHOTO 2



ISSUES		
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KEYPLAN



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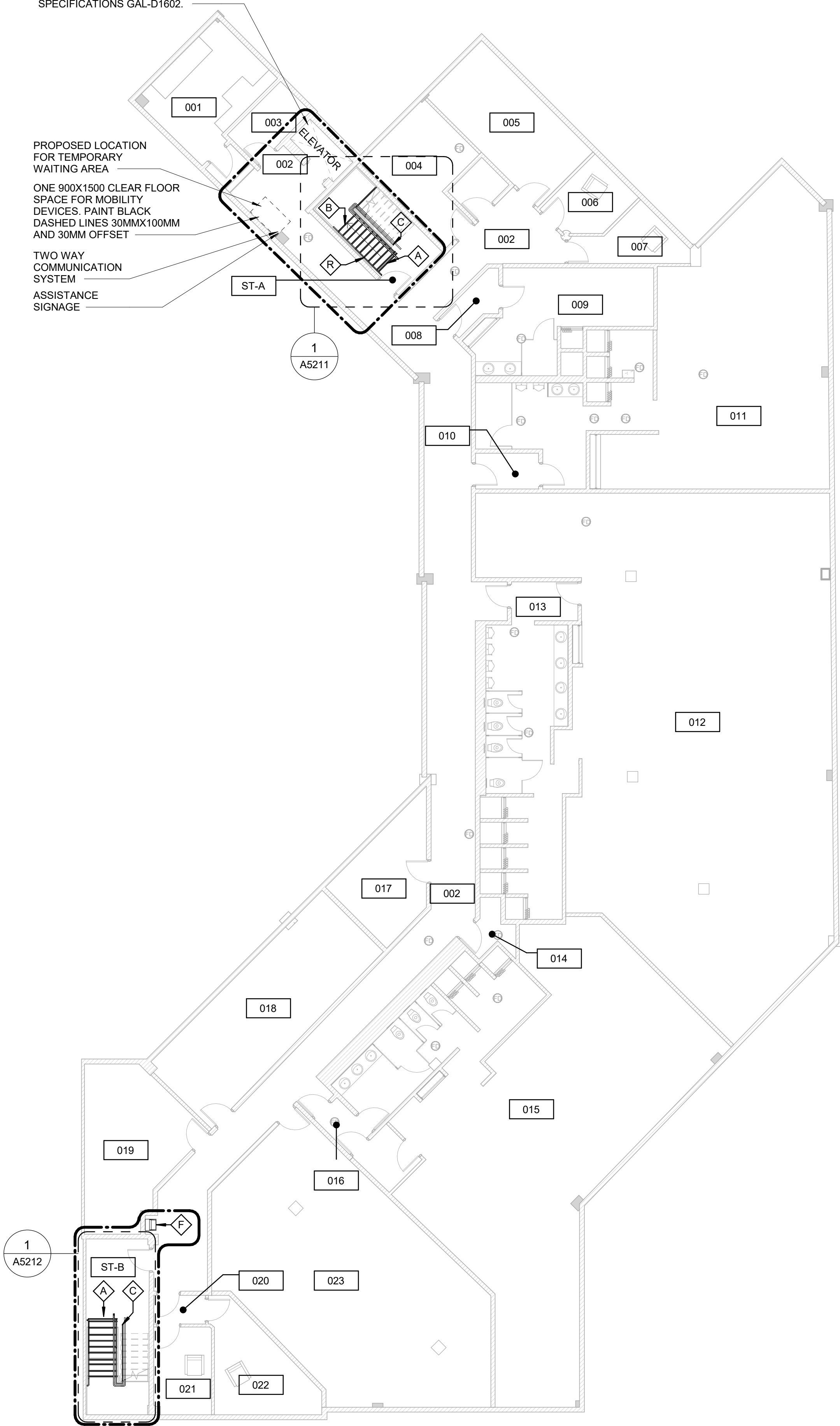
SEAL

REPLACE EXISTING CONTROL
PANEL. INSTALL MIRROR AND
HANDRAIL. REFER TO
SPECIFICATIONS GAL-D1602.

PROPOSED LOCATION
FOR TEMPORARY
WAITING AREA

ONE 900X1500 CLEAR FLOOR
SPACE FOR MOBILITY
DEVICES. PAINT BLACK
DASHED LINES 30MMX100MM
AND 30MM OFFSET

TWO WAY
COMMUNICATION
SYSTEM
ASSISTANCE
SIGNAGE



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 NEW DOOR CARD READER AND BARRIER FREE PUSH
BUTTON - REFER TO ELECTRICAL DRAWINGS. FOR
LOCATION AND HEIGHT INSTALLATION REFER TO
ARCHITECTURAL DETAIL BOOKLET.
- 2 REPAINT ENTIRE WALL AFTER WALL-MOUNTED HANDRAIL
REPLACEMENT - UNLESS OTHERWISE NOTED. COLOUR AND
FINISH TO MATCH EXISTING

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.
F	INSTALL DRINKING FOUNTAIN - REFER TO DETAIL 5/D1301, 6/1301.
R	INSTALL NEW HANDRAIL - REFER TO DETAILS 1/D1401, 3/D1401, 2/1403, 3/1403, 4/D1402.

CLIENT

CITY OF TORONTO



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Project Management Office
Metro Hall Toronto, ON
M5V 3C6

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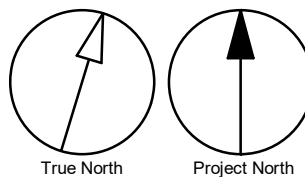
BASEMENT PROPOSED
PLAN

SHEET NUMBER

G03-231-A2401

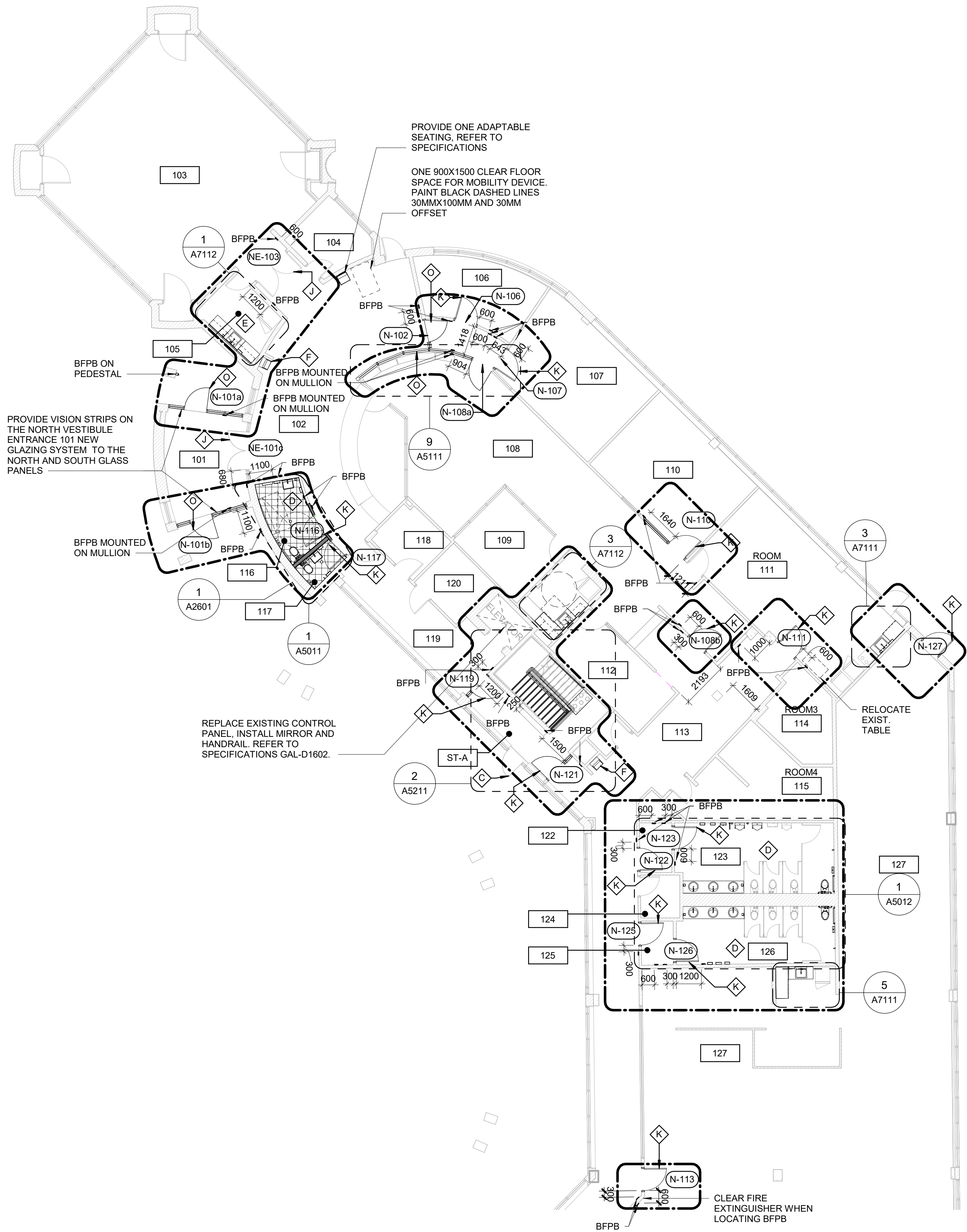
ISSUE

D



4/29/2025 1:25:00 PM

Scale 1:125 0 2.5 5 12.5 m



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

- NEW DOOR CARD READER AND BARRIER FREE PUSH BUTTON - REFER TO ELECTRICAL DRAWINGS. FOR LOCATION AND HEIGHT INSTALLATION REFER TO ARCHITECTURAL DETAIL BOOKLET.
- REPAINT ENTIRE WALL AFTER WALL-MOUNTED HANDRAIL REPLACEMENT - UNLESS OTHERWISE NOTED. COLOUR AND FINISH TO MATCH EXISTING

CONSTRUCTION KEY NOTES

- | NO | DESCRIPTION |
|----|--|
| C | INSTALL NEW GUARDRAIL AND HANDRAIL ON STEEL STAIR - REFER TO TYPICAL DETAILS 2/D1401, 5/D1401, 1/D1403. |
| 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. |
| F | INSTALL DRINKING FOUNTAIN - REFER TO DETAIL 5/D1301, 6/D1301. |
| J | EXISTING DOOR TO REMAIN. DOOR HARDWARE TO BE CHANGED AS PER DOOR SCHEDULE ON A9001 AND DOOR HARDWARE SCHEDULE IN THE SPECIFICATIONS. |
| K | INSTALL NEW DOOR AND FRAME. REFER TO DOOR SCHEDULE A9001, G0004 AND DOOR HARDWARE SCHEDULE IN THE SPECIFICATIONS. |
| O | INSTALL NEW CURTAIN WALL FRAMING TO MATCH EXISTING, WITH NEW DOOR PER SPECIFIED WIDTH AND HEIGHT. REFER TO DOOR SCHEDULE A9001 AND DOOR HARDWARE SCHEDULE IN THE SPECIFICATIONS. |

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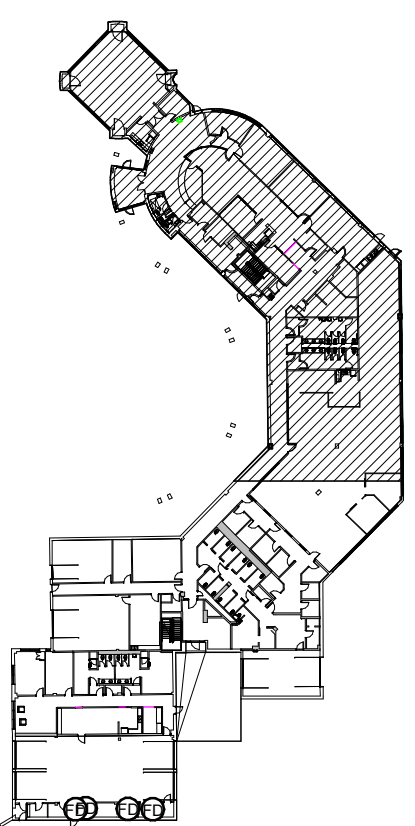
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ISSUES

No.	DESCRIPTION	DATE
A	50% SUBMISSION	2022-05-11
B	90% SUBMISSION	2022-08-15
C	ISSUED FOR PERMIT	2022-08-15
D	ISSUED FOR TENDER	2025-04-29

KEYPLAN



CONSULTANTS

SEAL

PRIME CONSULTANT

ARCADIS

100 - 175 Galaxy Blvd.
Toronto, ON M9W 0C9, Canada
tel: 416-879-1930
www.arcadis.com

PROJECT TITLE

**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

**POLICE NO. 43 DIVISION &
EMS STATION NO.26
4331 LAWRENCE AVE E**

PROJECT NO:

9119-19-0162 / Arcadis 30279056

DRAWN BY:

J. FORTE/M.L.

CHECKED BY:

L. BANDIERA

PROJECT MGR:

L. SOSA

APPROVED BY:

M. KUO

SHEET TITLE

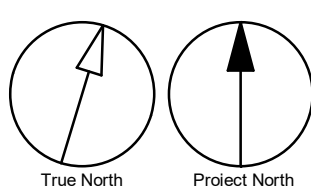
**FIRST FLOOR
PROPOSED PLAN NORTH**

SHEET NUMBER

G03-231-A2411

ISSUE

D

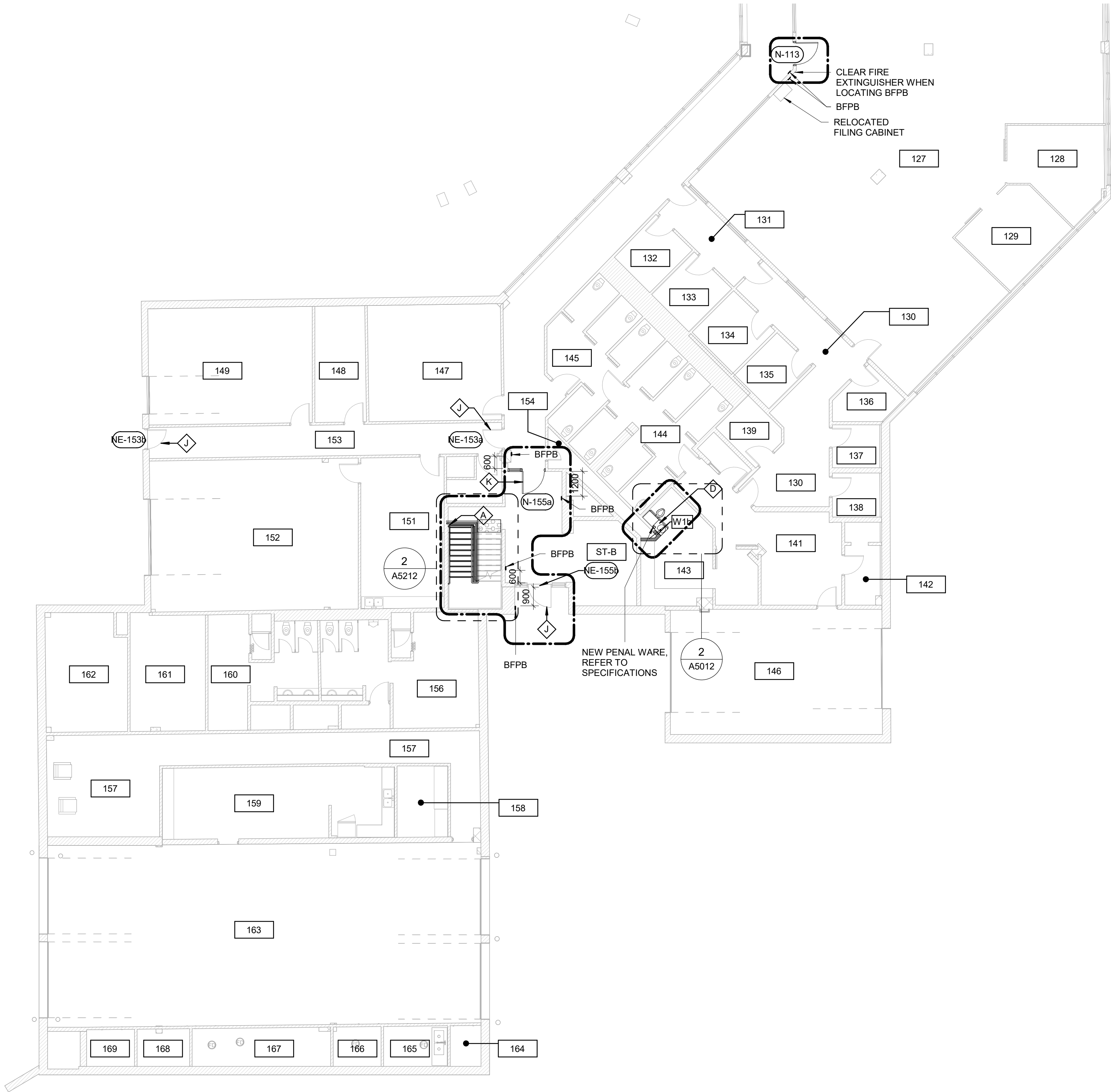


1 x 1

Autodesk Docs // 122260 - Cot TAU Upgrades R020201/22260-TAU-1-231-4331-LVRNC-A-R20.rvt

10mm

SCALE CHECK
1 in



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

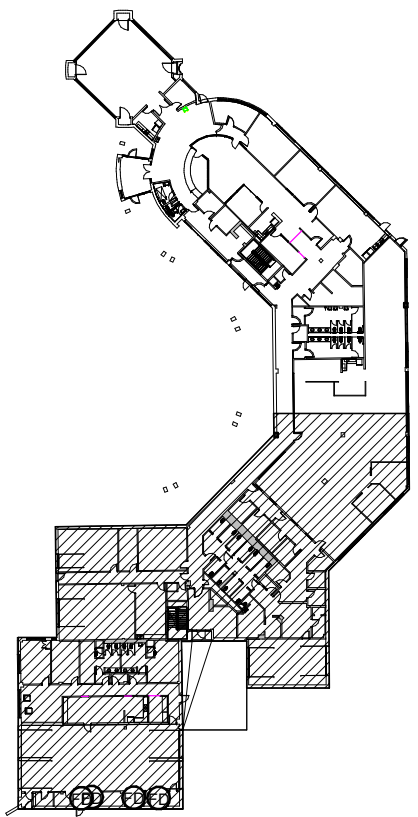
- NEW DOOR CARD READER AND BARRIER FREE PUSH BUTTON - REFER TO ELECTRICAL DRAWINGS. FOR LOCATION AND HEIGHT INSTALLATION REFER TO ARCHITECTURAL DETAIL BOOKLET.
- REPAINT ENTIRE WALL AFTER WALL-MOUNTED HANDRAIL REPLACEMENT - UNLESS OTHERWISE NOTED. COLOUR AND FINISH TO MATCH EXISTING

CONSTRUCTION KEY NOTES

NO	DESCRIPTION
A	INSTALL TACTILE ATTENTION INDICATOR AND TACTILE WARNING STRIP - REFER TO TYPICAL DETAILS 1/D1402 AND 1/D1405.
D	INSTALL NEW WASHROOM ACCESSORIES - REFER TO DETAILS 1/D1201, 2/D1201, 3/D1201, 4/D1201, 5/D1201.
J	EXISTING DOOR TO REMAIN. DOOR HARDWARE TO BE CHANGED AS PER DOOR SCHEDULE ON A9001 AND DOOR HARDWARE SCHEDULE IN THE SPECIFICATIONS.
K	INSTALL NEW DOOR AND FRAME. REFER TO DOOR SCHEDULE A9001, G0004 AND DOOR HARDWARE SCHEDULE IN THE SPECIFICATIONS.

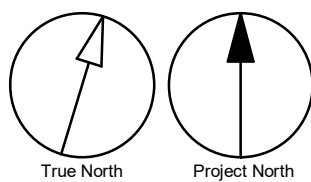
ISSUES		
No.	DESCRIPTION	DATE
A	50% SUBMISSION	2022-05-11
B	90% SUBMISSION	2022-08-15
C	ISSUED FOR PERMIT	2022-08-15
D	ISSUED FOR TENDER	2025-04-29

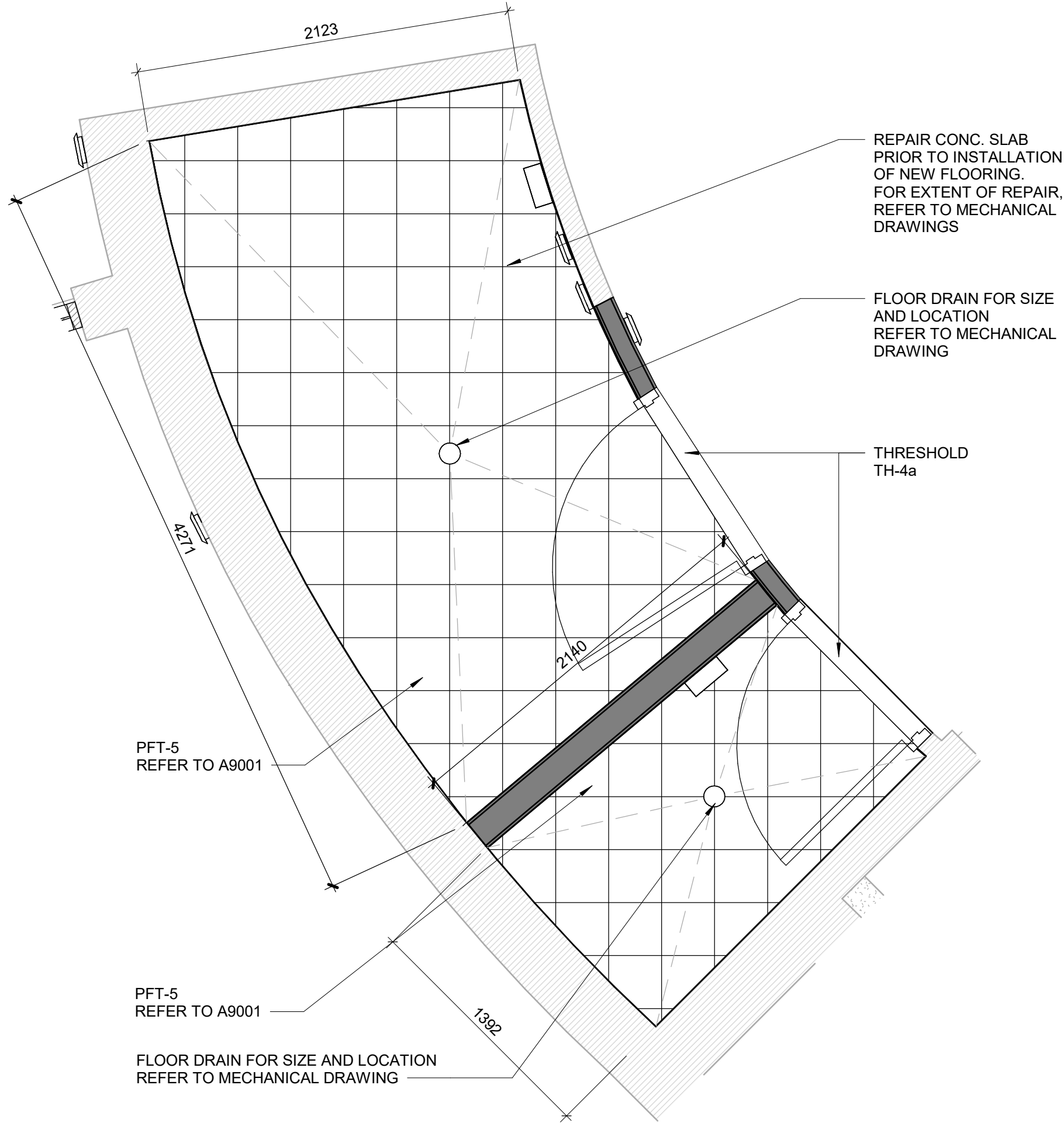
KEYPLAN



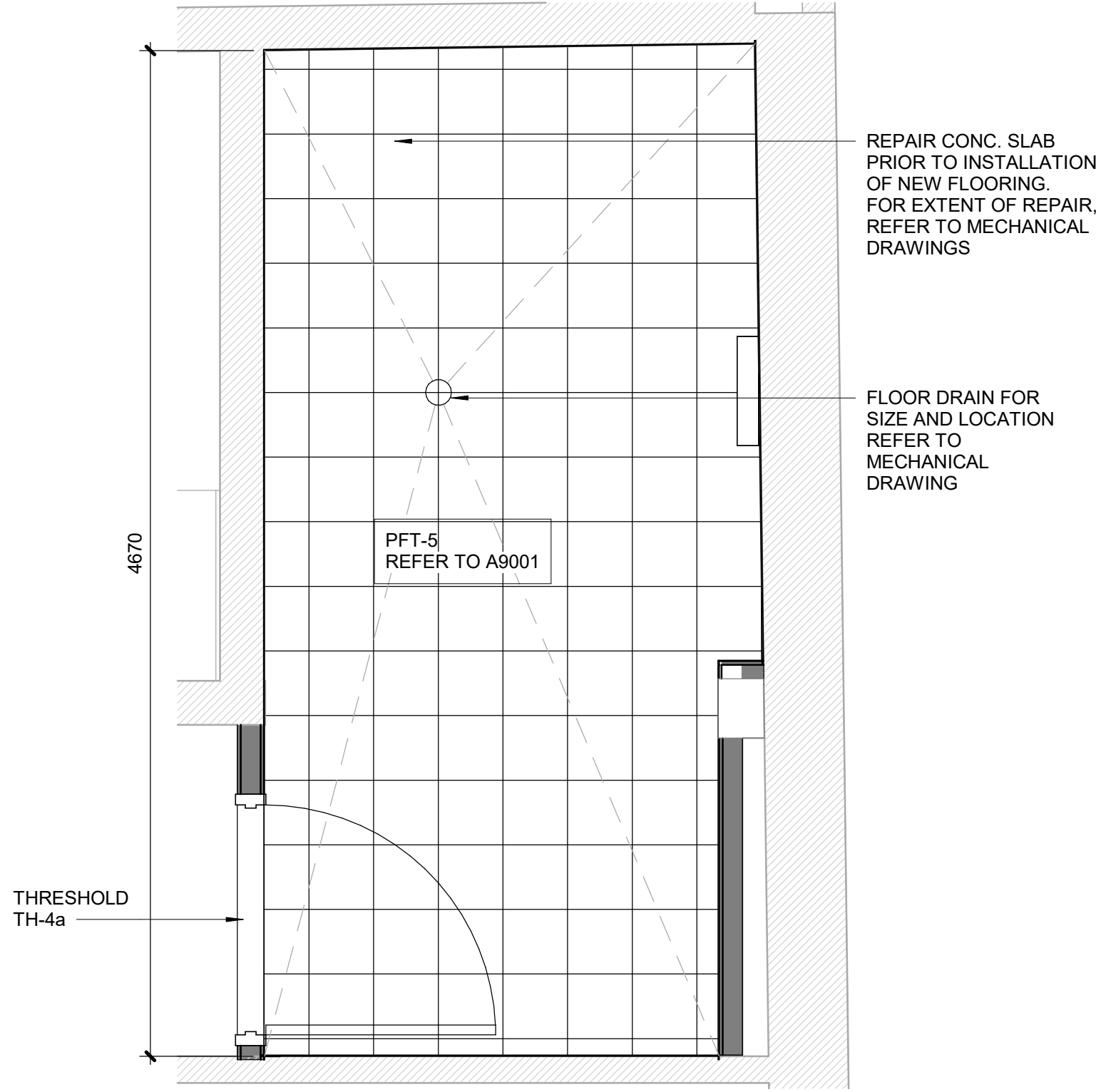
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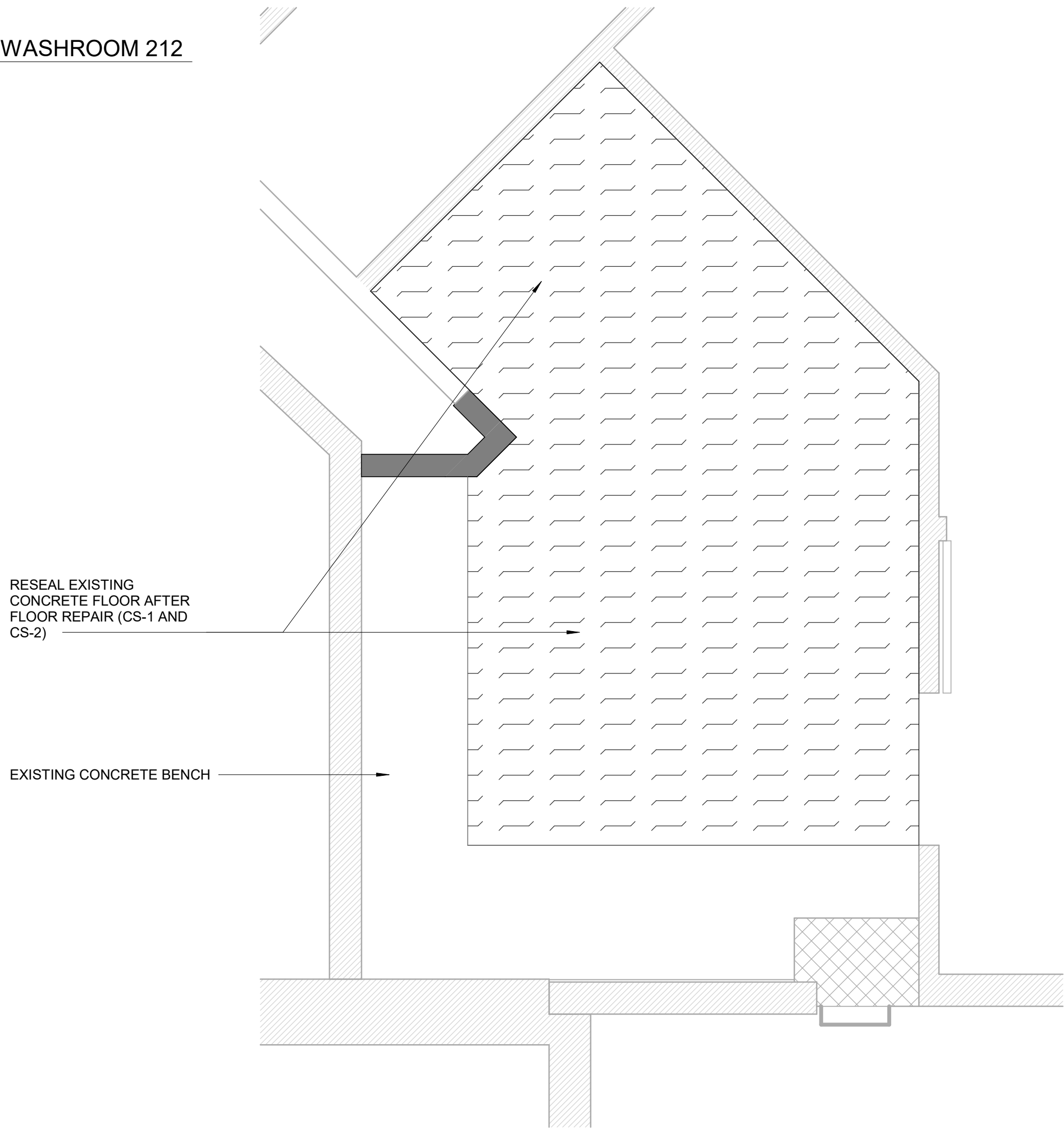




1 FIRST FLOOR FINISH PLAN - UNIVERSAL WASHROOM 116 AND WASHROOM 117
Scale: 1 : 25

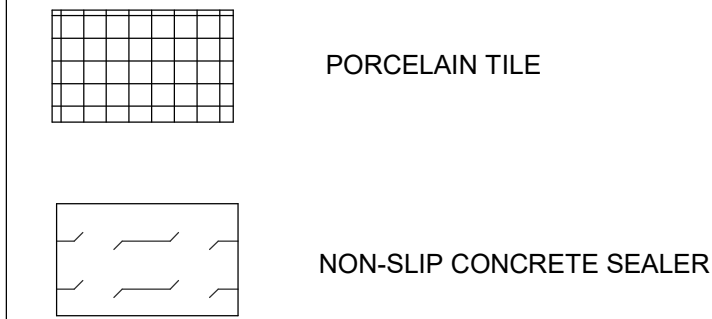


2 SECOND FLOOR FINISH PLAN - UNIVERSAL WASHROOM 212
Scale: 1 : 25





3 FIRST FLOOR FINISH PLAN - ROOM 143
A2601 Scale: 1 : 25

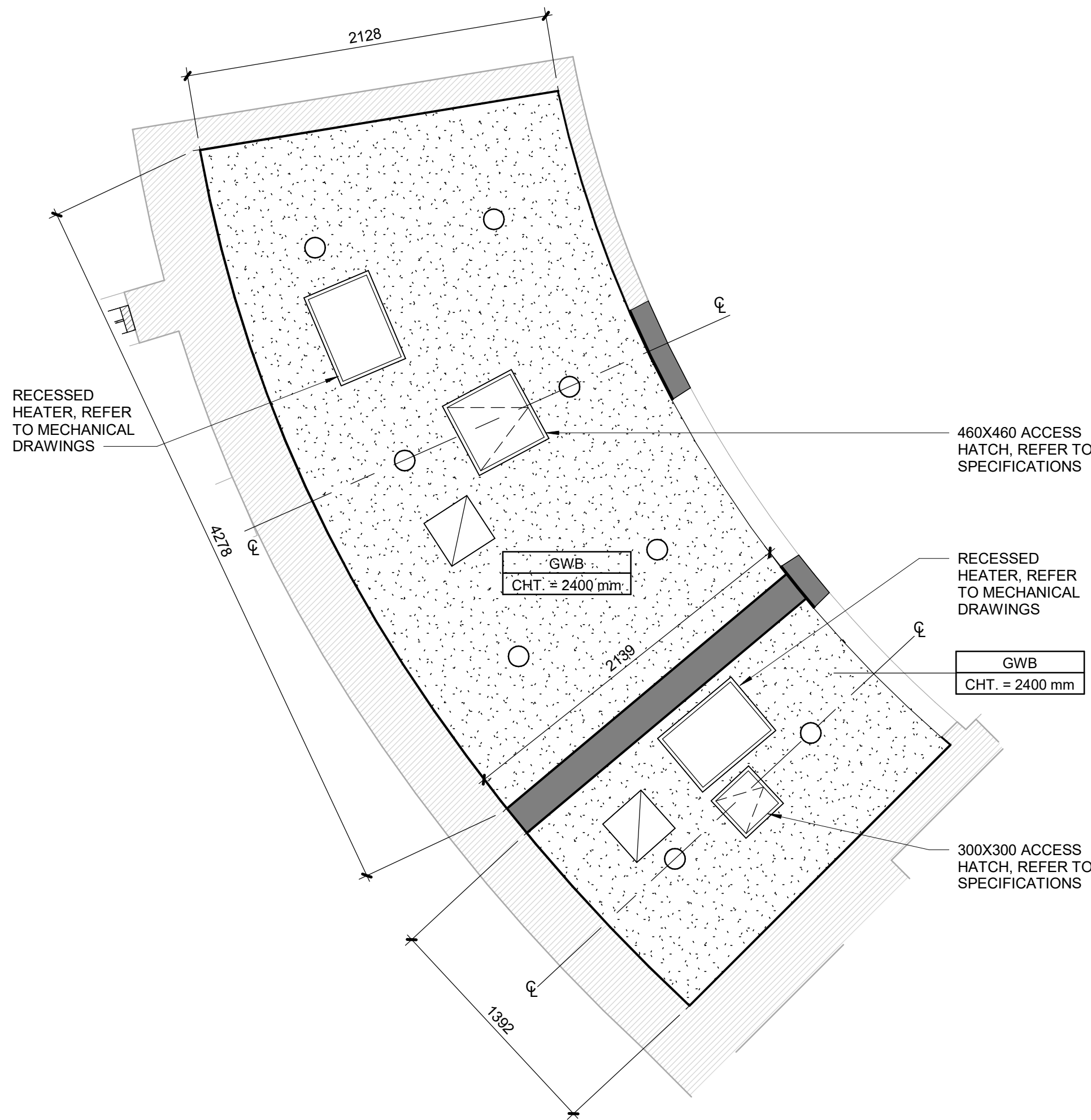
FLOOR FINISHES LEGEND



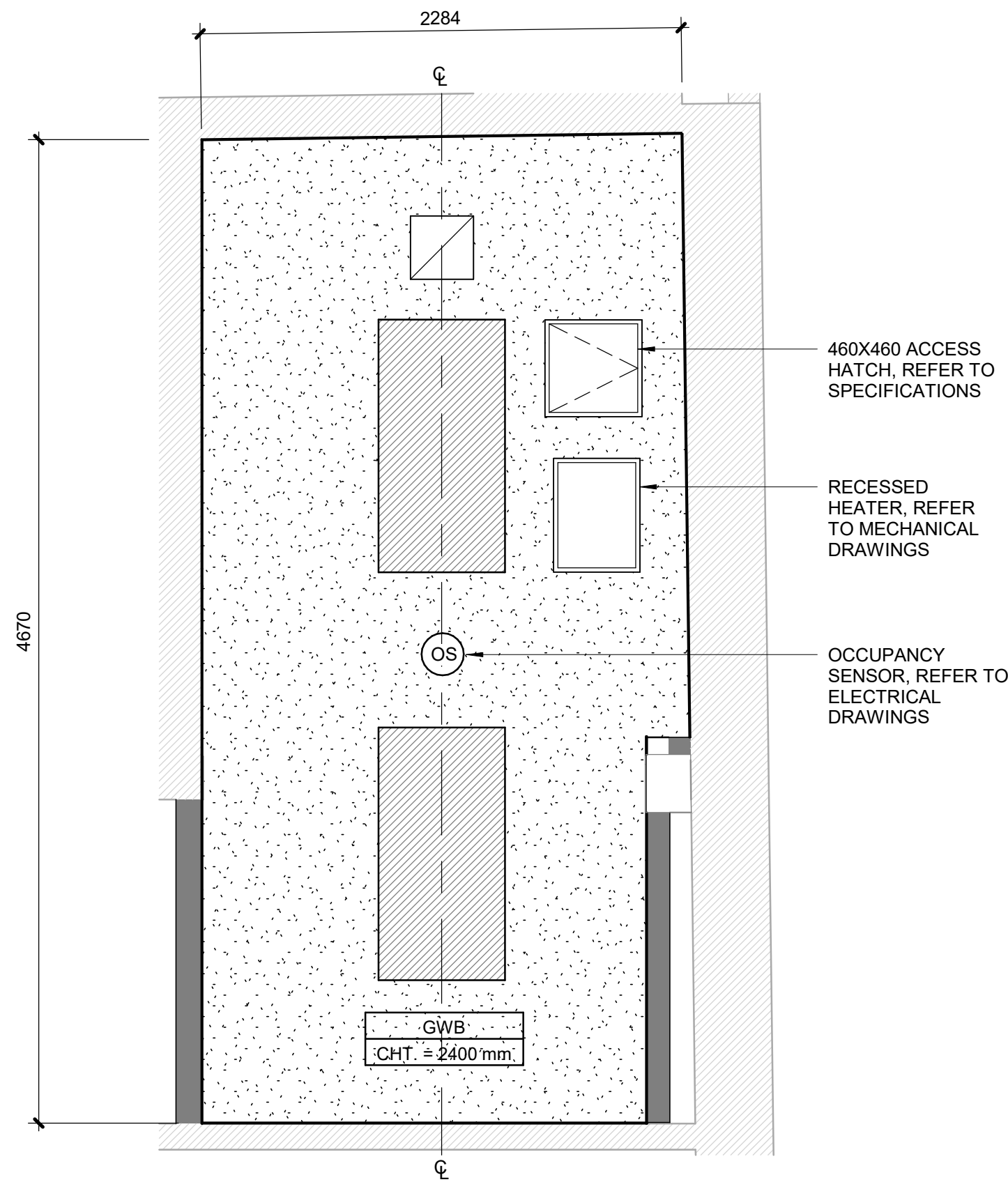
FLOOR FINISH GENERAL NOTES

- 1 CONTRACTOR TO REFER TO SPECIFICATION BOOK FOR ALL FLOOR FINISHES AND BASE SPECIFICATIONS.
- 2 CARPET TILE TO BE INSTALLED PRIOR TO INSTALLATION OF SYSTEMS FURNITURE.
- 3 CONTRACTOR TO HAVE STONE TILE SETTER CONTACT DESIGNER REGARDING LAYOUT SEAMING AND CUT-LINES OF STONE TILE PRIOR TO INSTALLATION.
- 4 CONTRACTOR TO PROTECT ALL NEW FLOOR FINISHES UPON COMPLETION OF INSTALLATION, WITH PLYWOOD SHEETS WHERE CONSTRUCTION WORK IS INCOMPLETE.
- 5 CHANGE OF FLOORING MATERIAL TO OCCUR BELOW THE DOOR LEAF UNLESS OTHERWISE INDICATED.
- 6 PERIMETER COLUMNS AND WALLS TO RECEIVE BASE AS PER SPECIFICATIONS FOR THAT AREA.
- 7 WHERE A CHANGE OF MATERIAL THICKNESS OCCURS, PROVIDE THRESHOLD AS PER DETAILS AND SPECIFICATIONS.
- 8 WHERE STONE FLOORING MEETS ELEVATOR DOORS, BEVEL STONE DOWN TO SUIT TRANSITION BETWEEN NEW STONE FLOOR AND EXISTING ELEVATOR CAB FLOOR. PROVIDE SHOP DRAWINGS OF BEVEL/REDUCING STRIP FOR APPROVAL BY CONSULTANT.
- 9 MAKE GOOD FLOOR FINISHES DAMAGED BY ANY WORK OF THIS PROJECT. ALL FINISHES TO MATCH EXISTING.

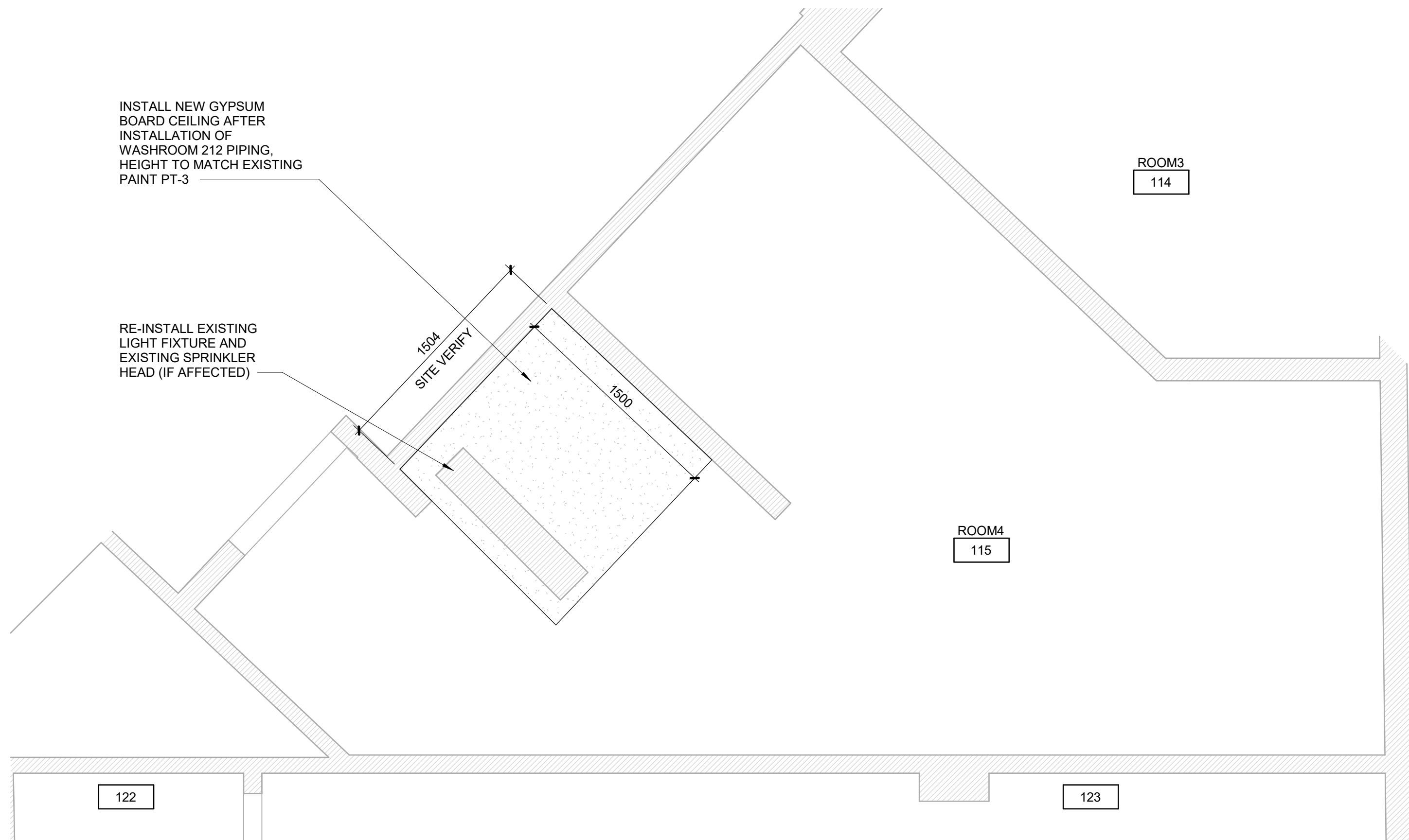
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<div>TORONTO</div>		
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ISSUES		
No.	DESCRIPTION	DATE
A	ISSUED FOR TENDER	2025-04-29
CONSULTANTS		
SEAL		
PRIME CONSULTANT		
<div>ARCADIS</div>		
100 - 175 Galaxy Blvd. Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com		
PROJECT TITLE		
CITY OF TORONTO ACCESSIBILITY UPGRADES		
PROJECT ADDRESS		
POLICE NO. 43 DIVISION & EMS STATION NO.26 4331 LAWRENCE AVE E		
PROJECT NO: 9119-19-0162 / Arcadis 30279056		
DRAWN BY: J. FORTE/M.L.		CHECKED BY: L. BANDIERA
PROJECT MGR: L. SOSA		APPROVED BY: M. KUO
SHEET TITLE		
PARTIAL FINISH PLANS		
SHEET NUMBER		ISSUE
G03-231-A2601		A



1 FIRST FLOOR RCP - UNIVERSAL WASHROOM 116 AND WASHROOM 117
A2801 Scale: 1 : 25



2 SECOND FLOOR RCP - UNIVERSAL WASHROOM 212
A2801 Scale: 1 : 25



3 FIRST FLOOR RCP - ROOM 115 (BELOW WASHROOM 212)
A2801 Scale: 1 : 25

CEILING LEGEND

SUSPENDED METAL GRID AND LAY-IN ACOUSTIC TILE
SIZE TO MATCH EXISTING

SUPPLY / RETURN DUCT

CEILING, PENDANT OR WALL MOUNTED LUMINAIRE

CEILING OR PENDANT MOUNTED LUMINAIRE

CEILING GENERAL NOTES

1 PROPOSED CEILING HEIGHT TO MATCH EXISTING, UNLESS OTHERWISE NOTED.

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No.	DESCRIPTION	DATE
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CONSULTANTS

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tel 416 679 1930
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PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

POLICE NO. 43 DIVISION &
EMS STATION NO.26
4331 LAWRENCE AVE E

PROJECT NO:

9119-19-0162 / Arcadis 30279056

DRAWN BY:

J. FORTE/M.L.

CHECKED BY:

L. BANDIERA

PROJECT MGR:

L. SOSA

APPROVED BY:

M. KUO

SHEET TITLE

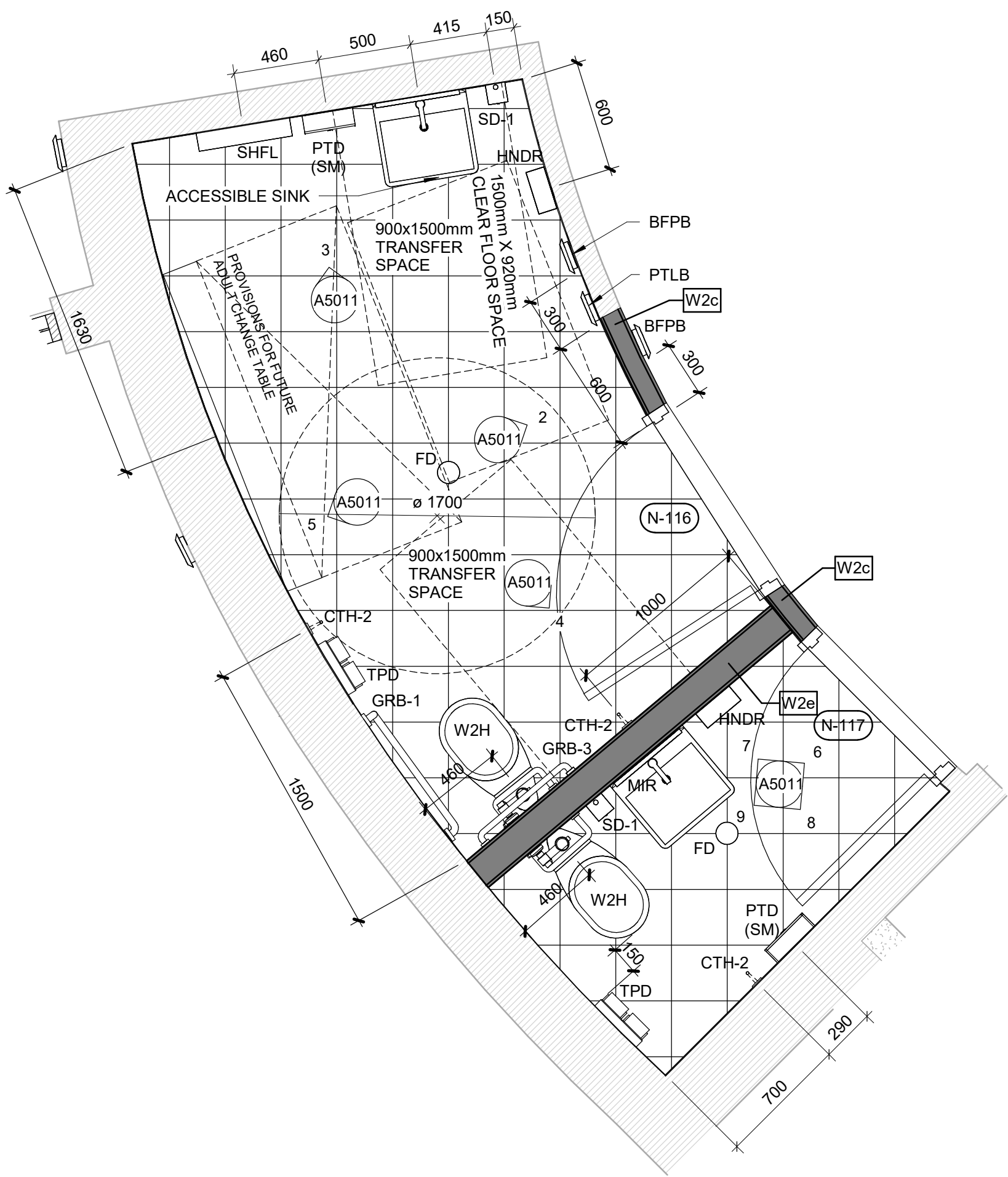
PARTIAL REFLECTED
CEILING PLAN

SHEET NUMBER

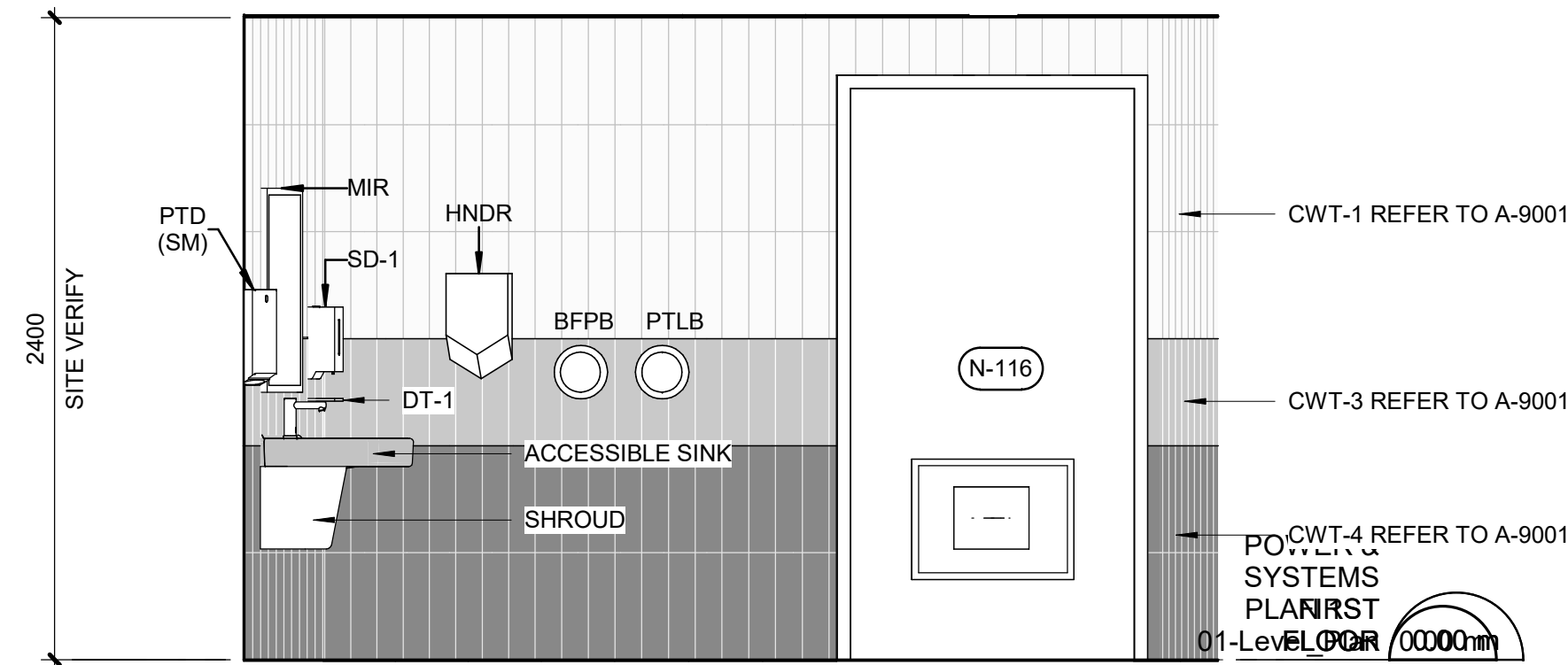
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ISSUE

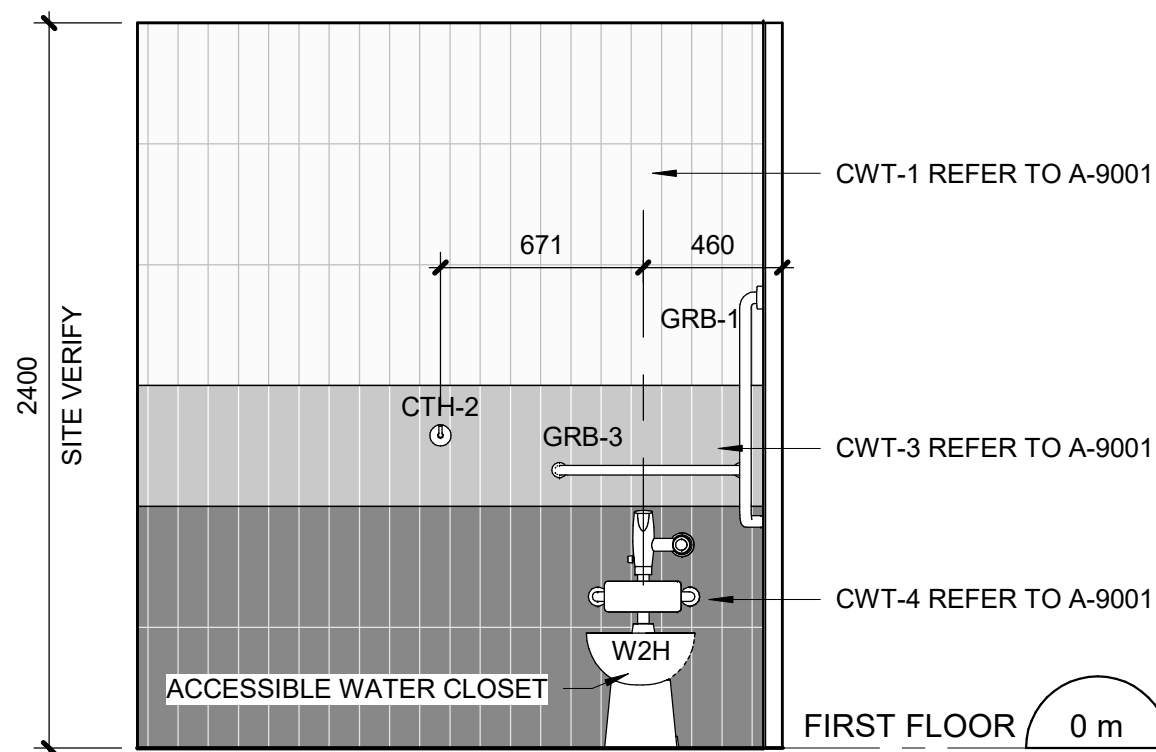
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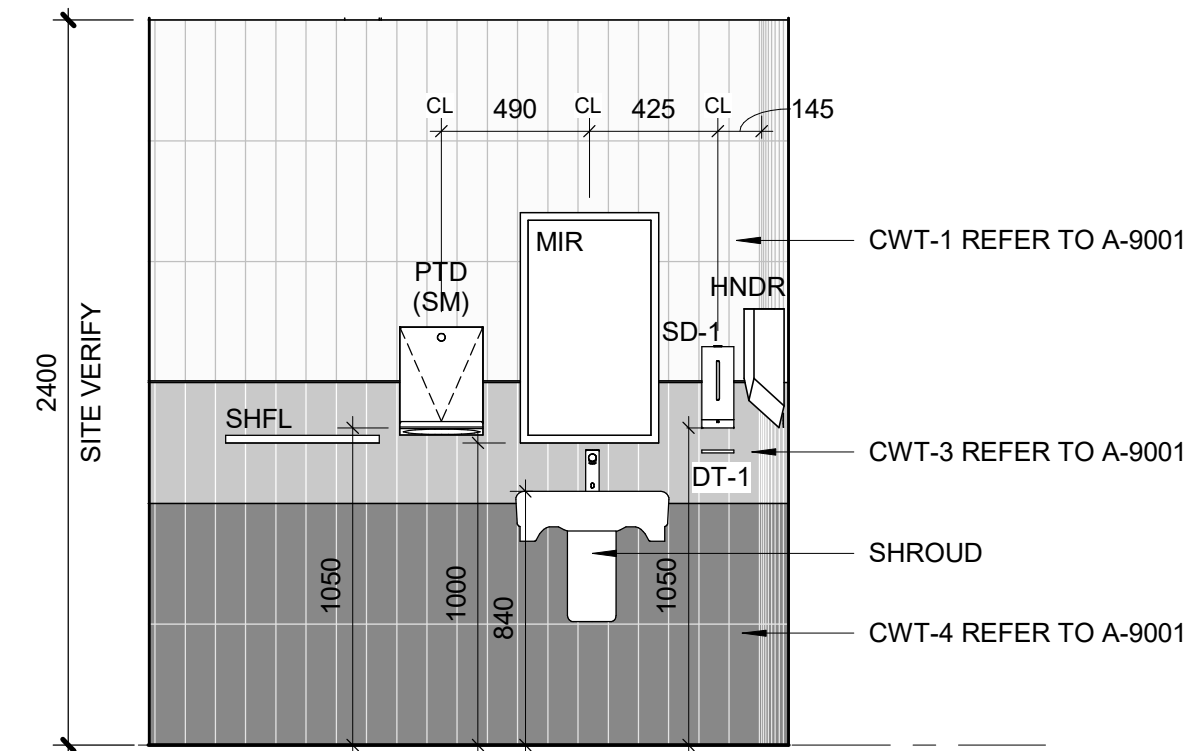
1 PROPOSED UNIVERSAL WASHROOM 116 AND WASHROOM 117 PLAN
A5011 Scale: 1 : 25



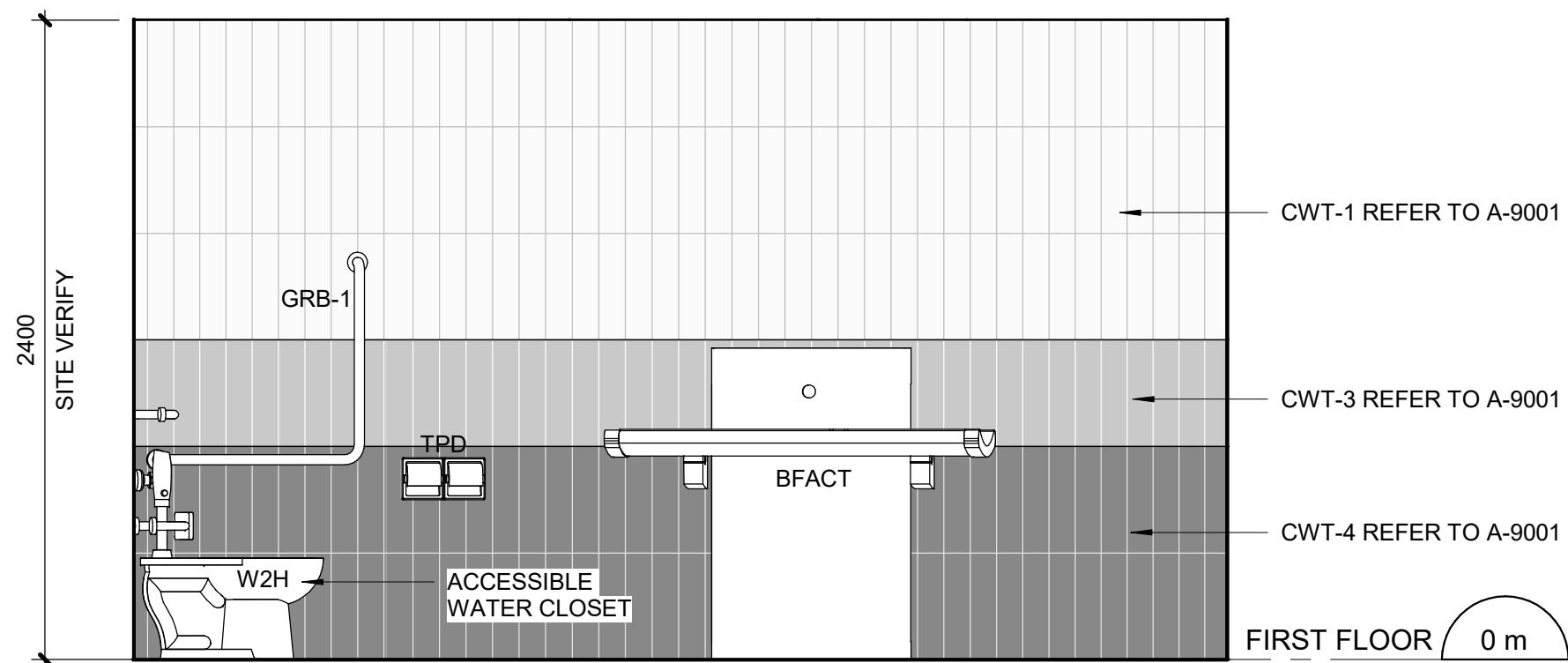
2 UNIVERSAL WASHROOM 116 - EAST ELEVATION
A5011 Scale: 1 : 25



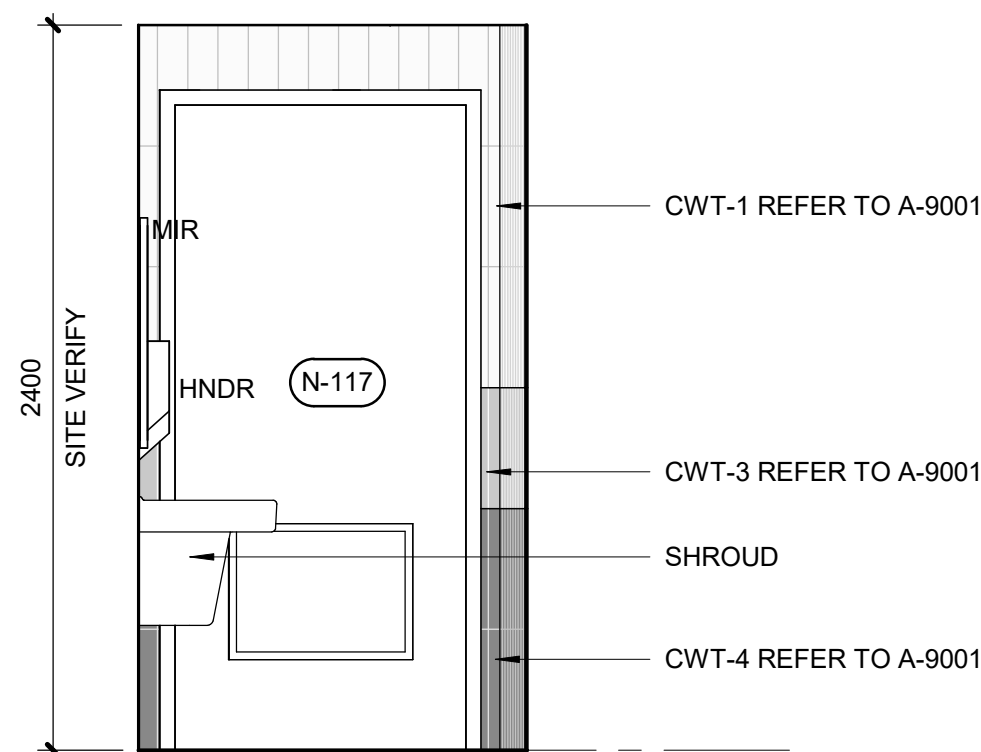
4 UNIVERSAL WASHROOM 116 - SOUTH ELEVATION
A5011 Scale: 1 : 25



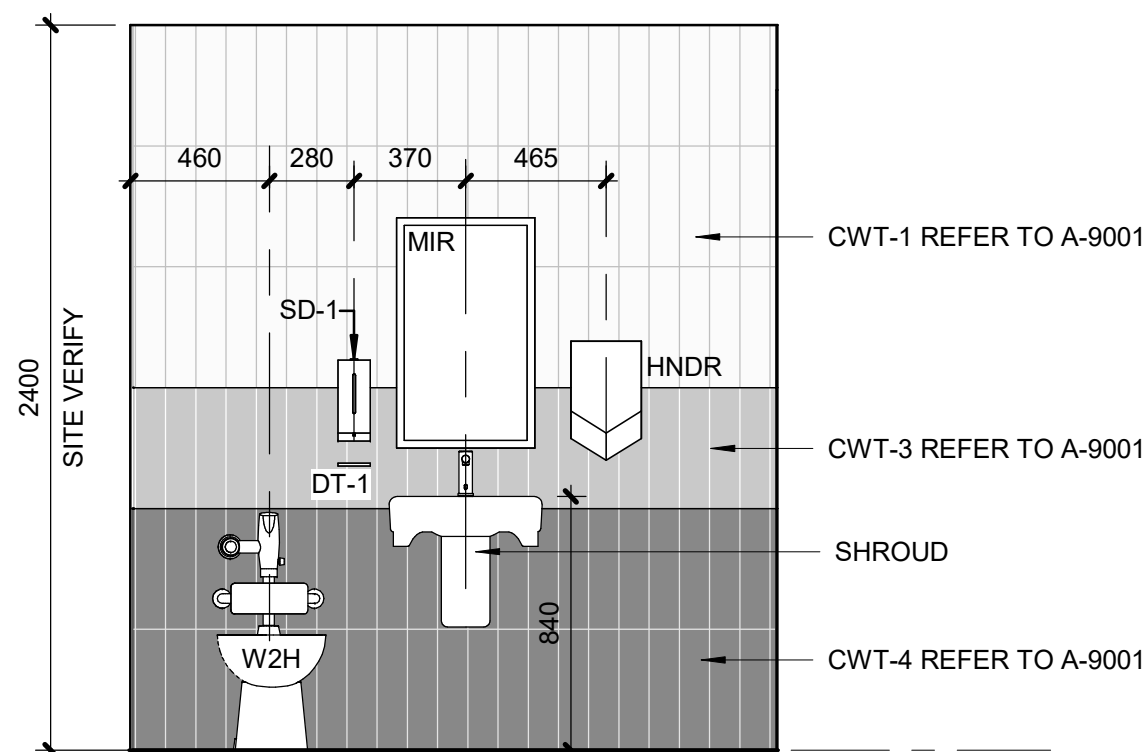
3 UNIVERSAL WASHROOM 116 - NORTH ELEVATION
A5011 Scale: 1 : 25



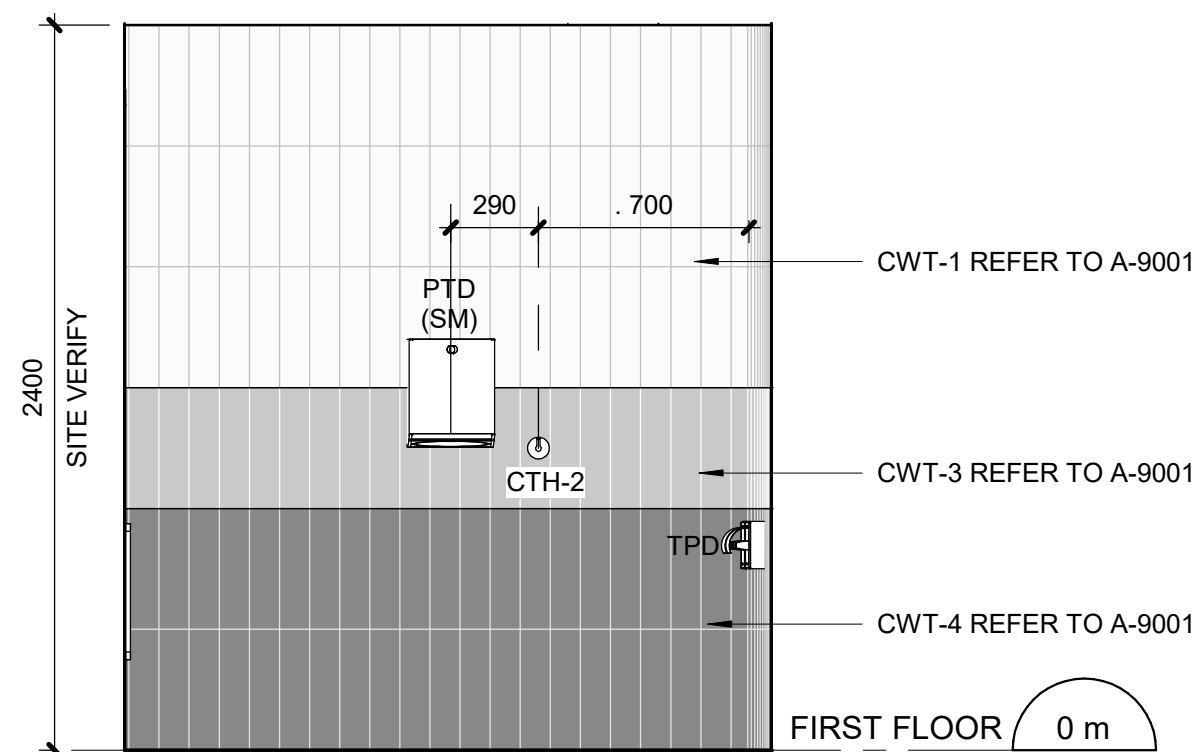
5 UNIVERSAL WASHROOM 116 - WEST ELEVATION
A5011 Scale: 1 : 25



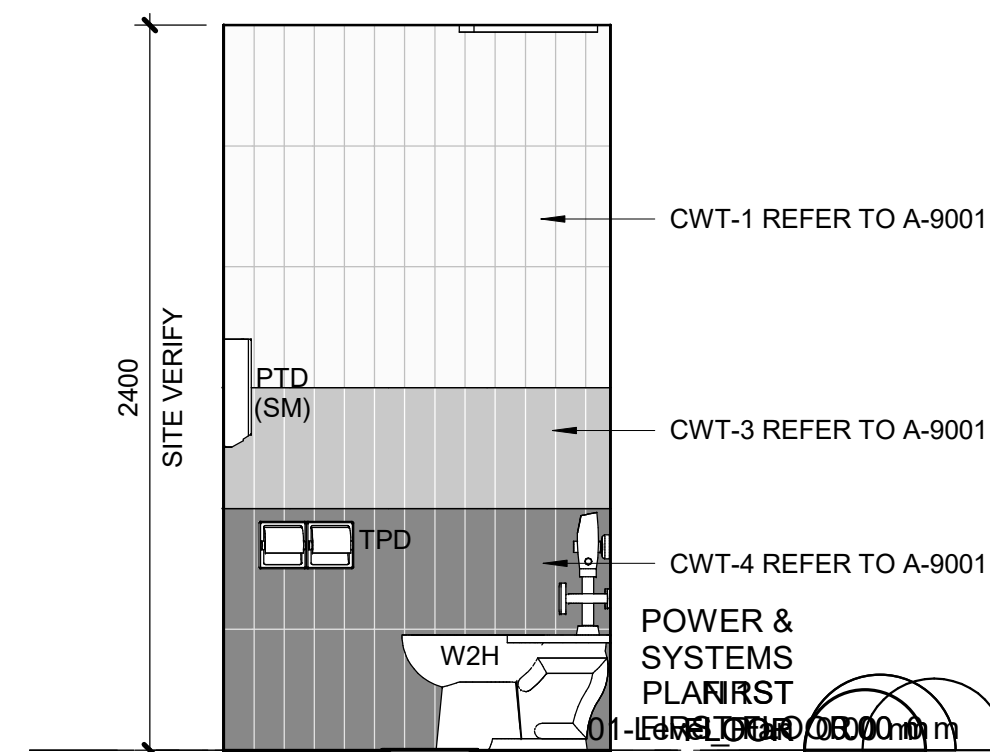
6 WASHROOM 117 - EAST ELEVATION
A5011 Scale: 1 : 25



7 WASHROOM 117 - NORTH ELEVATION
A5011 Scale: 1 : 25



8 WASHROOM 117 - SOUTH ELEVATION
A5011 Scale: 1 : 25



9 WASHROOM 117 - WEST ELEVATION
A5011 Scale: 1 : 25

WASHROOM GENERAL NOTES

- 1 ALL EXISTING SOAP DISPENSERS AND MIRRORS TO BE LOWERED. REFER TO 2/D1201, 4/D1201.
- 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

UNIVERSAL WASHROOM GENERAL NOTES

- 1 PROVIDE WALL REINFORCEMENT TO SUPPORT FUTURE ADULT CHANGE TABLE MINIMUM LOAD OF 1.33 KN AND POWER OUTLET

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A	50% SUBMISSION	2022-05-11
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C	ISSUED FOR PERMIT	2022-08-15
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CONSULTANTS

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Toronto, ON M6W 0C9, Canada
Tel: 416 679 1600
www.arcadis.com

PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

POLICE NO. 43 DIVISION &
EMS STATION NO.26
4331 LAWRENCE AVE E

PROJECT NO:

9119-19-0162 / Arcadis 30279056

DRAWN BY:

J. FORTE

CHECKED BY:

K. TILAHUN

PROJECT MGR:

L. SOSA

APPROVED BY:

M. KUO

SHEET TITLE

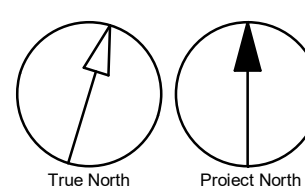
WASHROOM PLANS AND
ELEVATIONS

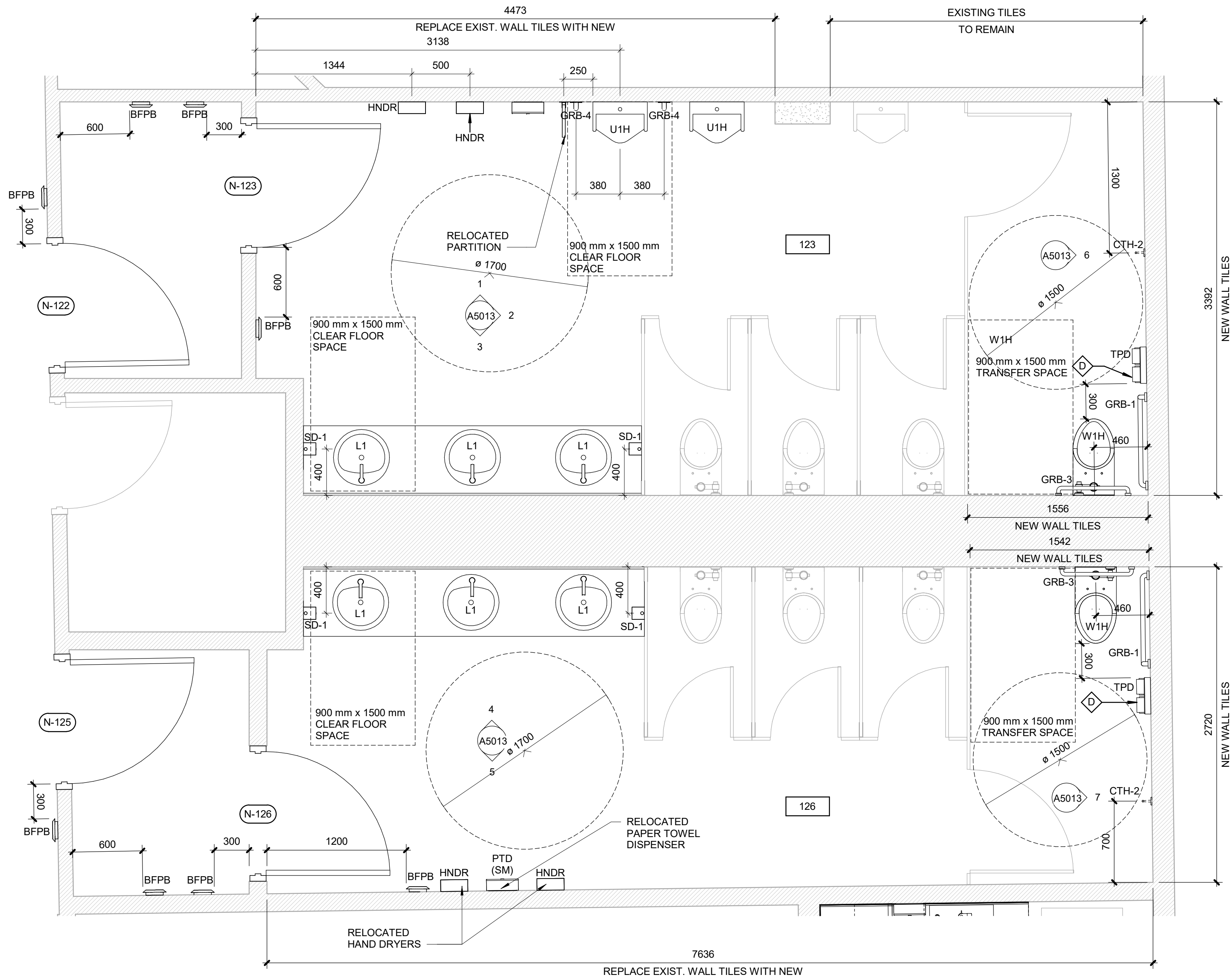
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G03-231-A5011

ISSUE

D



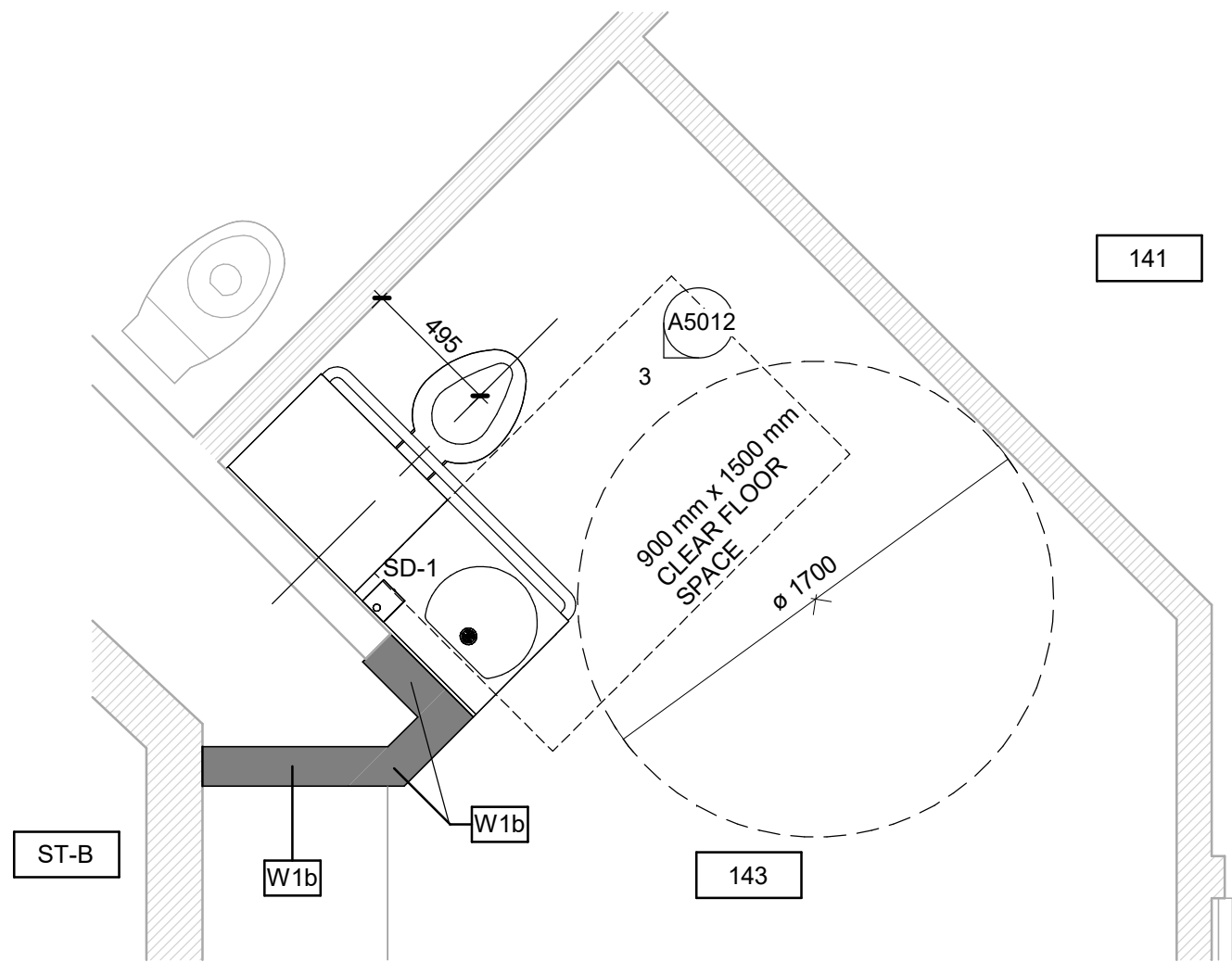


1 FIRST FLOOR - MULTISTALL WASHROOMS PLAN
A5012 Scale: 1 : 25

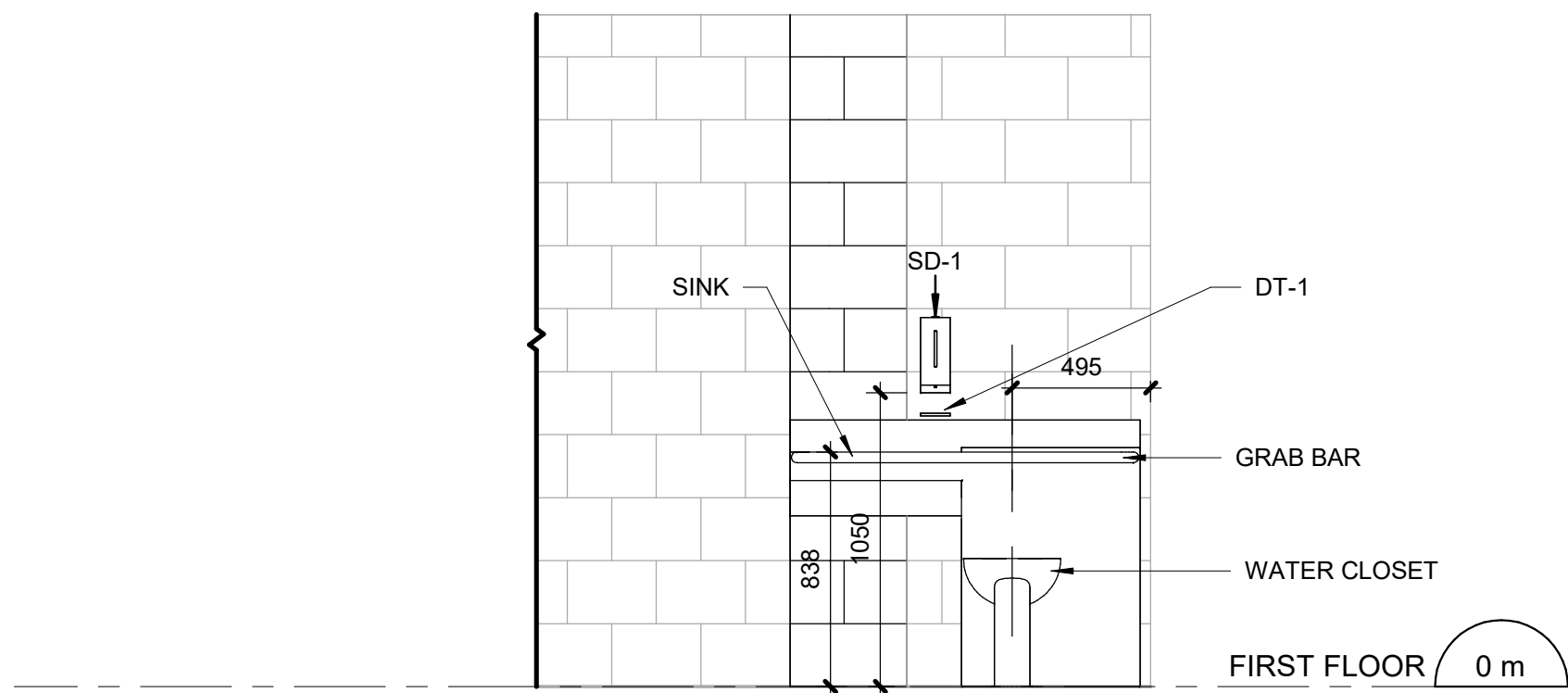
CONSTRUCTION KEY NOTES	
NO	DESCRIPTION
D	INSTALL NEW WASHROOM ACCESSORIES - REFER TO DETAILS 1/D1201, 2/D1201, 3/D1201, 4/D1201, 5/D1201.

WASHROOM GENERAL NOTES	
1	ALL EXISTING SOAP DISPENSERS AND MIRRORS TO BE LOWERED. REFER TO 2/D1201, 4/D1201.
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

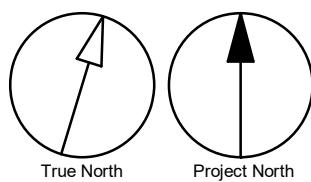
NOTE: FOR NEW WASHROOM ACCESSORIES MOUNTING HEIGHT REFER TO : DETAILS 1/D1201, 2/D1201, 3/D1201, 4/1201, 5/1201.	
--	--



2 FIRST FLOOR - PENAL WARE PLAN
A5012 Scale: 1 : 25



3 PENAL WARE ELEVATION
A5012 Scale: 1 : 25



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C	ISSUED FOR TENDER	2025-04-29

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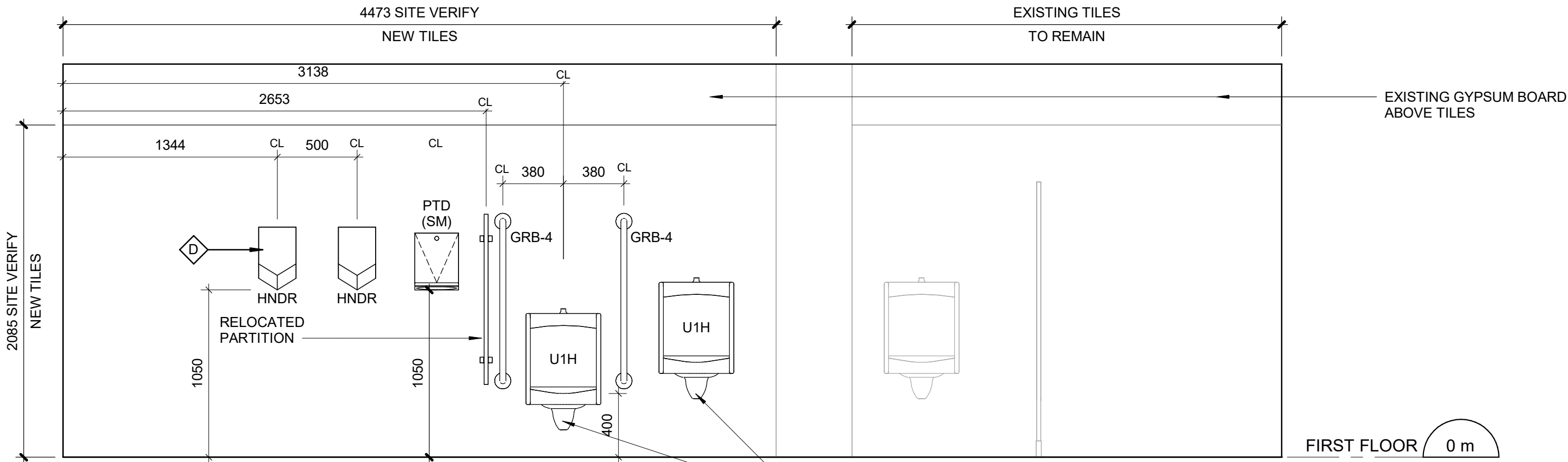
PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**POLICE NO. 43 DIVISION &
EMS STATION NO.26
4331 LAWRENCE AVE E**

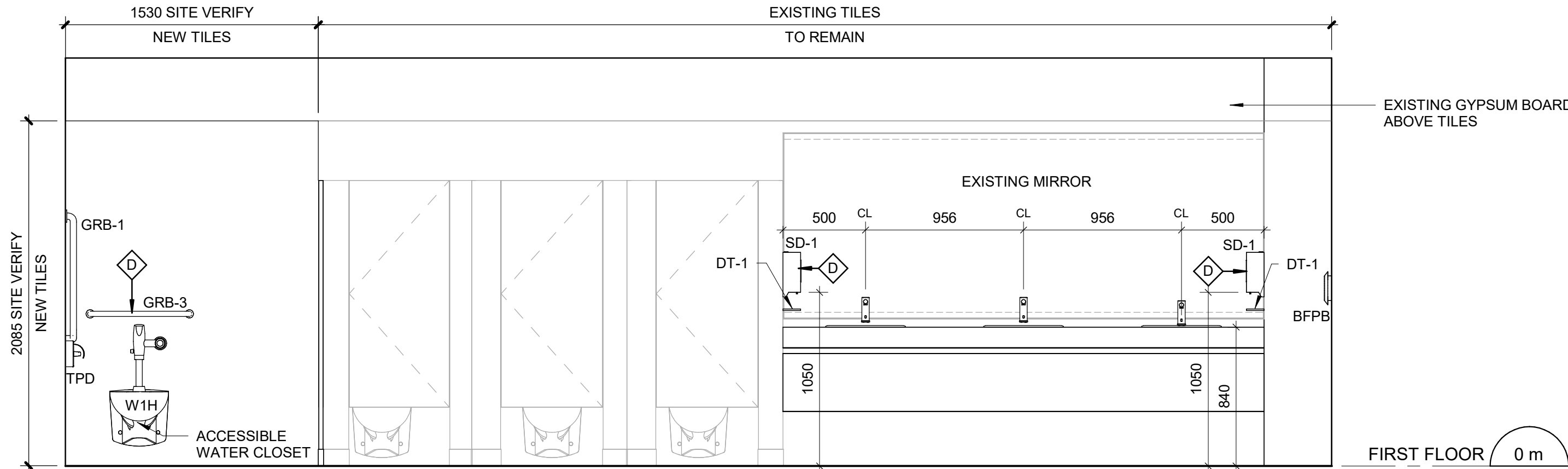
PROJECT NO:
9119-19-0162 / Arcadis 30279056
DRAWN BY:
J. FORTE/M.L.
PROJECT MGR:
L. SOSA
CHECKED BY:
K. TILAHUN
APPROVED BY:
M. KUO

SHEET TITLE
**MULTISTALL
WASHROOM AND PENAL
WARE PLANS**

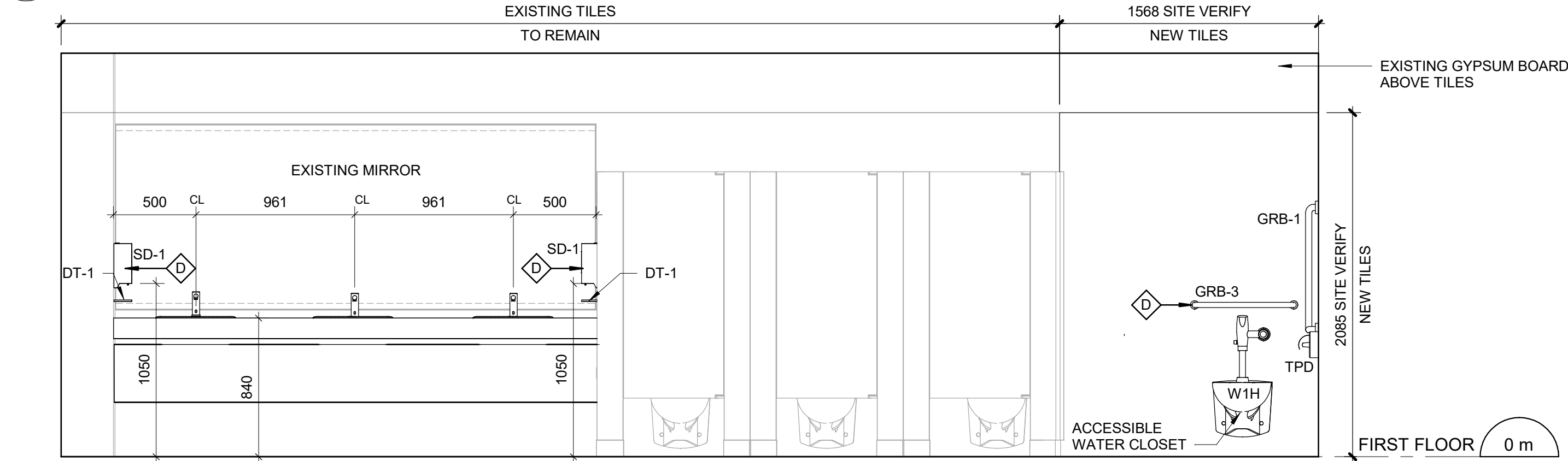
SHEET NUMBER G03-231-A5012	ISSUE C
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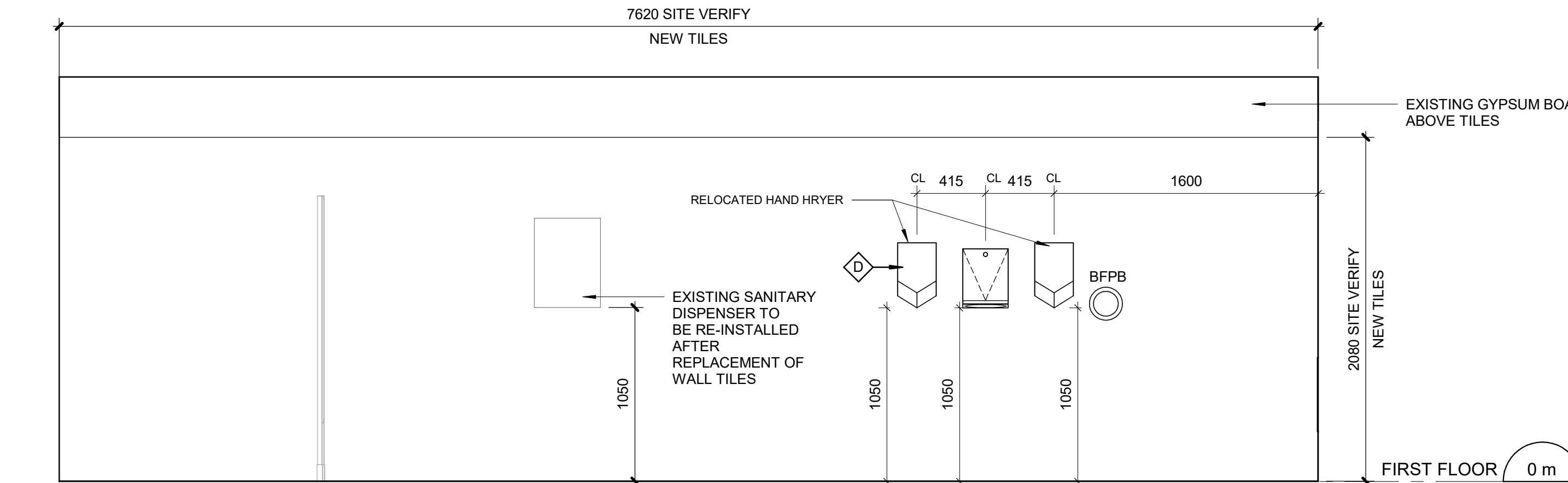
1 NORTH ELEVATION - MEN'S WASHROOM
Scale: 1 : 25



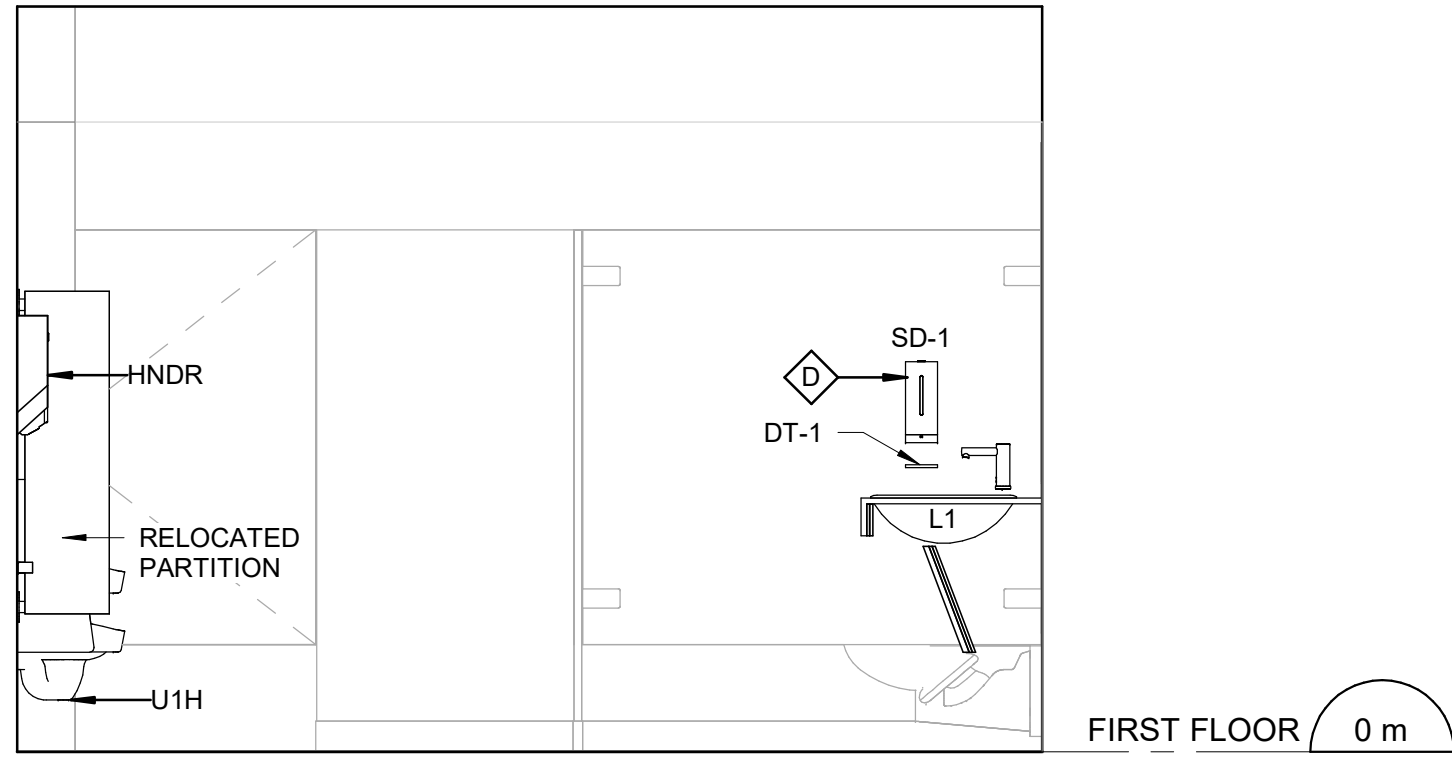
3 SOUTH ELEVATION - MEN'S WASHROOM
Scale: 1 : 25



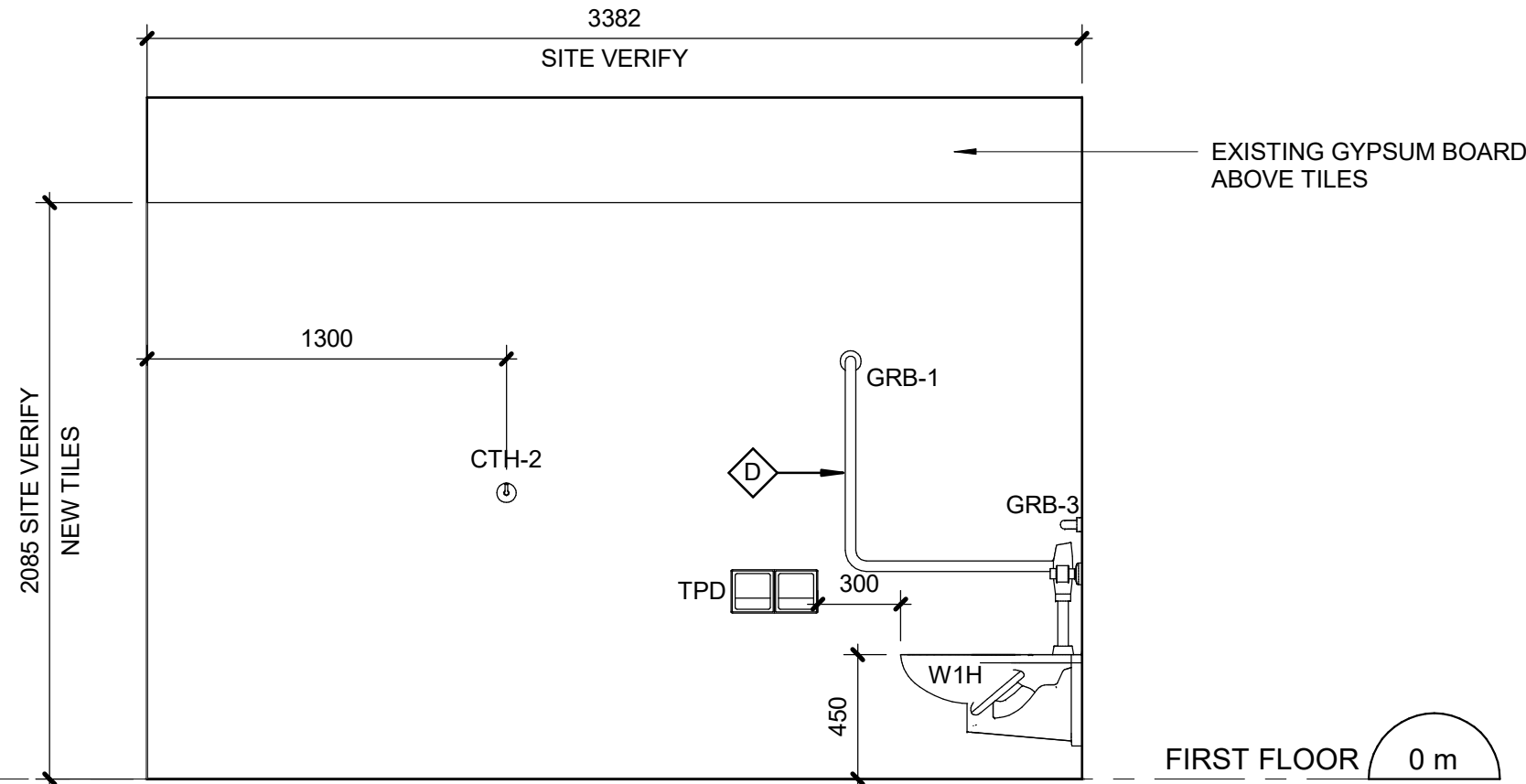
4 NORTH ELEVATION - WOMEN'S WASHROOM
Scale: 1 : 25



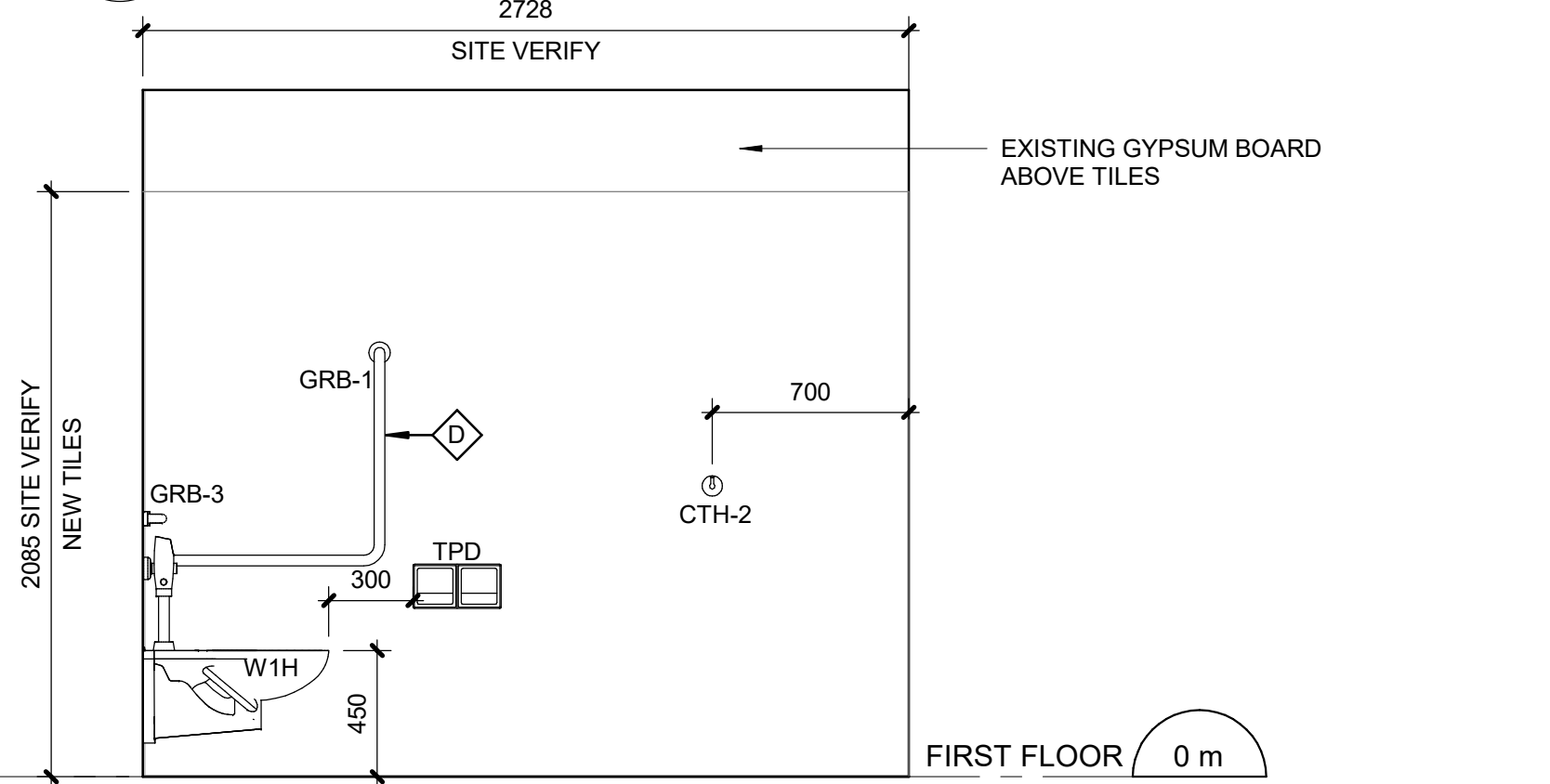
5 SOUTH ELEVATION - WOMEN'S WASHROOM
Scale: 1 : 25



2 WEST ELEVATION - MEN'S WASHROOM
Scale: 1 : 25



6 EAST ELEVATION - MEN'S WASHROOM BARRIER FREE STALL
Scale: 1 : 25



7 EAST ELEVATION - WOMEN'S WASHROOM BARRIER FREE STALL
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.

WASHROOM GENERAL NOTES	
1	ALL EXISTING SOAP DISPENSERS AND MIRRORS TO BE LOWERED. REFER TO 2/D1201, 4/D1201.
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

NOTE: FOR NEW WASHROOM ACCESSORIES MOUNTING HEIGHT REFER TO : DETAILS 1/D1201, 2/D1201, 3/D1201, 4/1201, 5/1201.

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tel 416-679-1500
www.arcadis.com

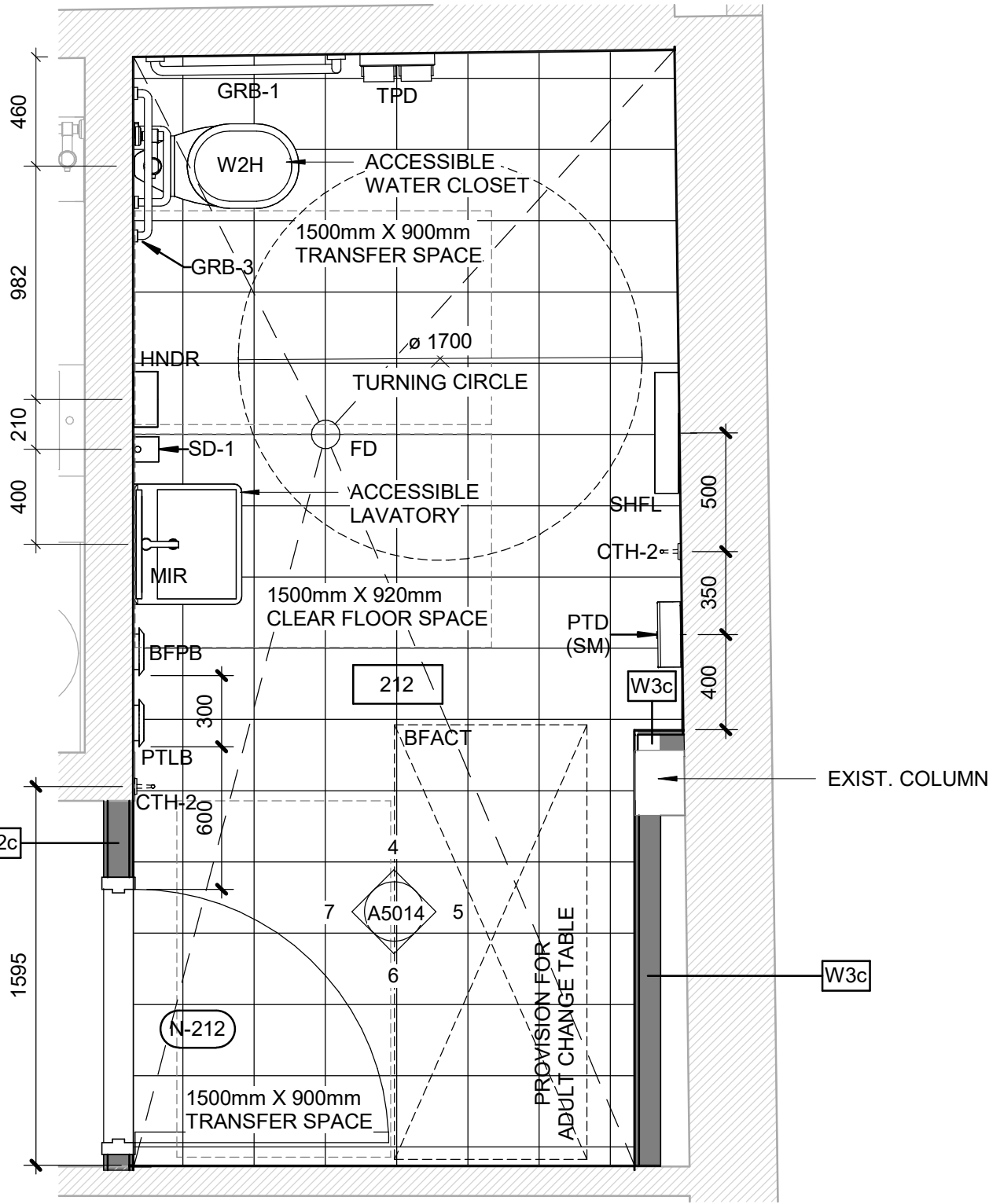
PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**POLICE NO. 43 DIVISION &
EMS STATION NO.26
4331 LAWRENCE AVE E**

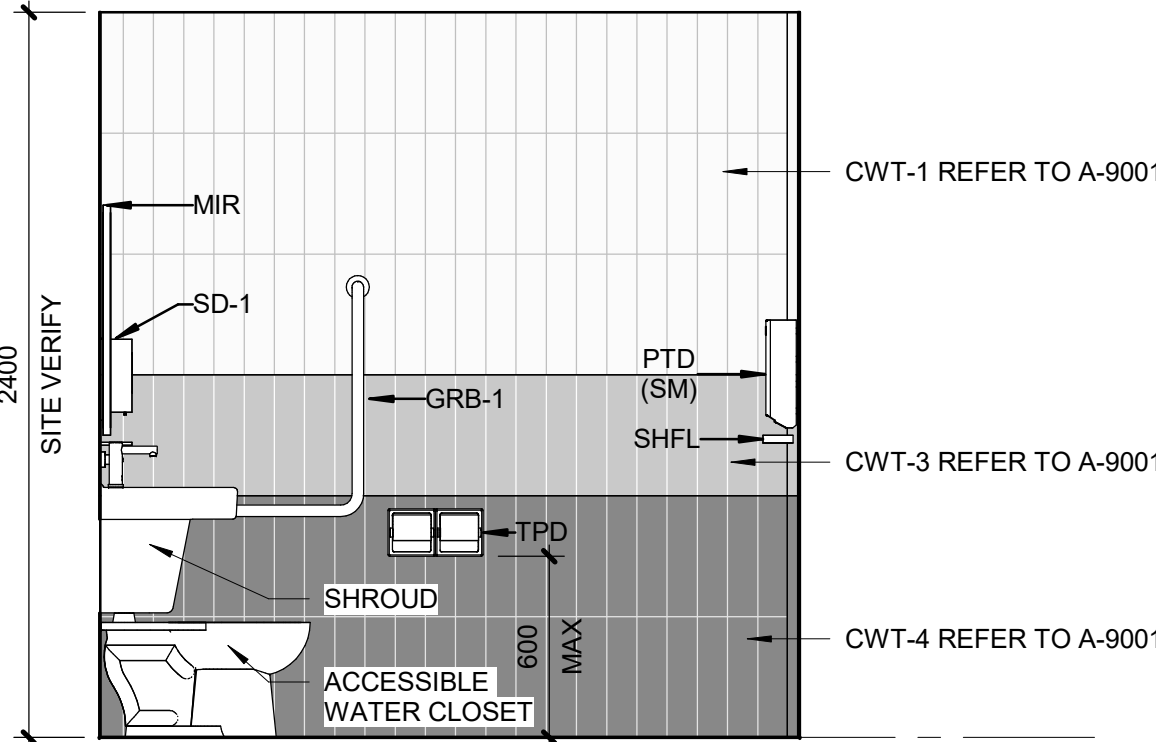
PROJECT NO:
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J. FORTE/M.L.
PROJECT MGR:
L. SOSA
CHECKED BY:
K. TILAHUN
APPROVED BY:
M. KUO

SHEET TITLE
**MULTISTALL
WASHROOMS
ELEVATIONS**

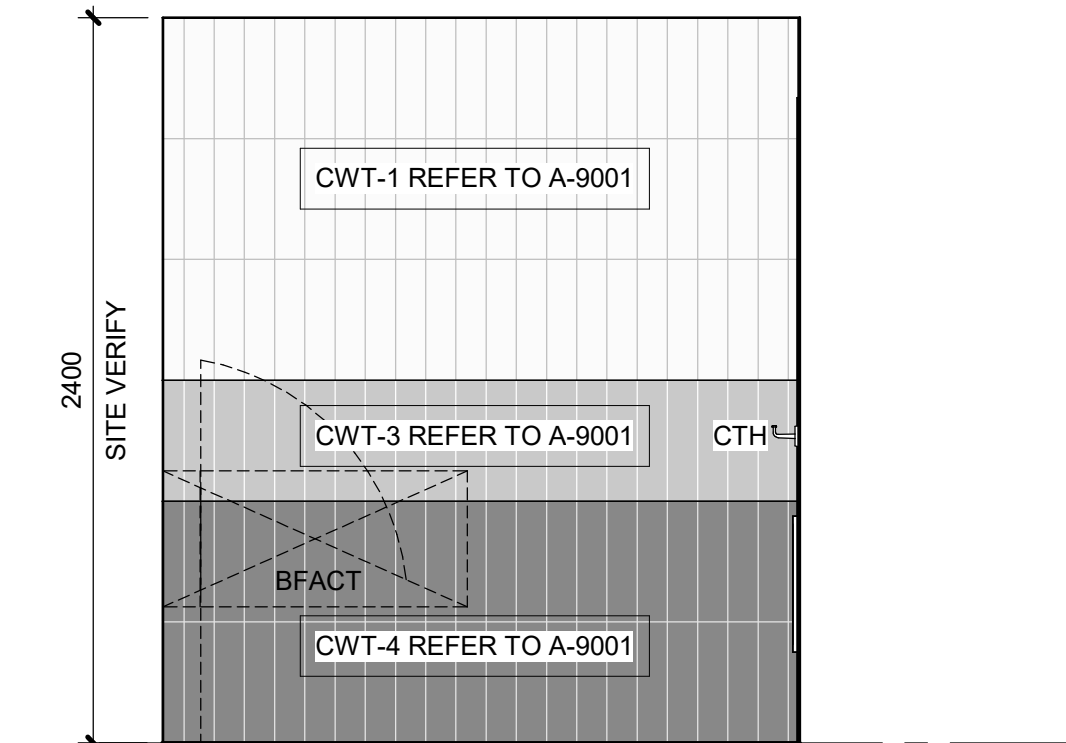
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G03-231-A5013
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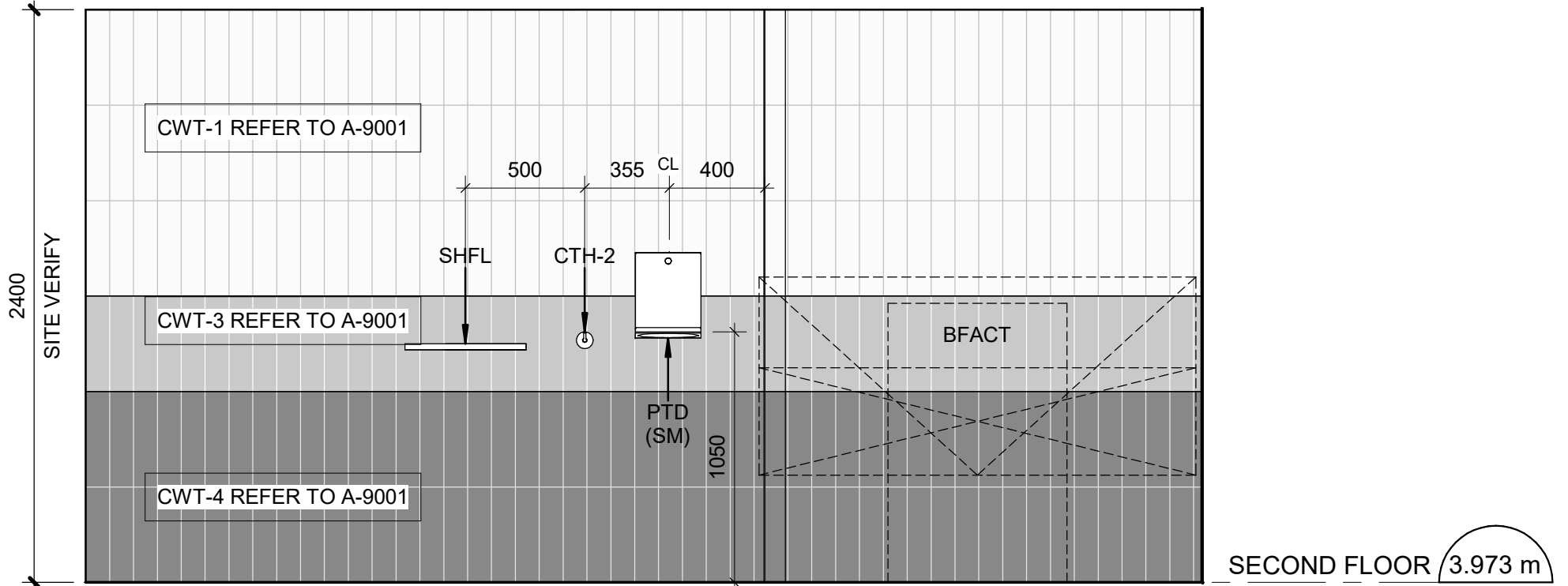
1 PROPOSED UNIVERSAL WASHROOM 212 PLAN
A5014 Scale: 1 : 25



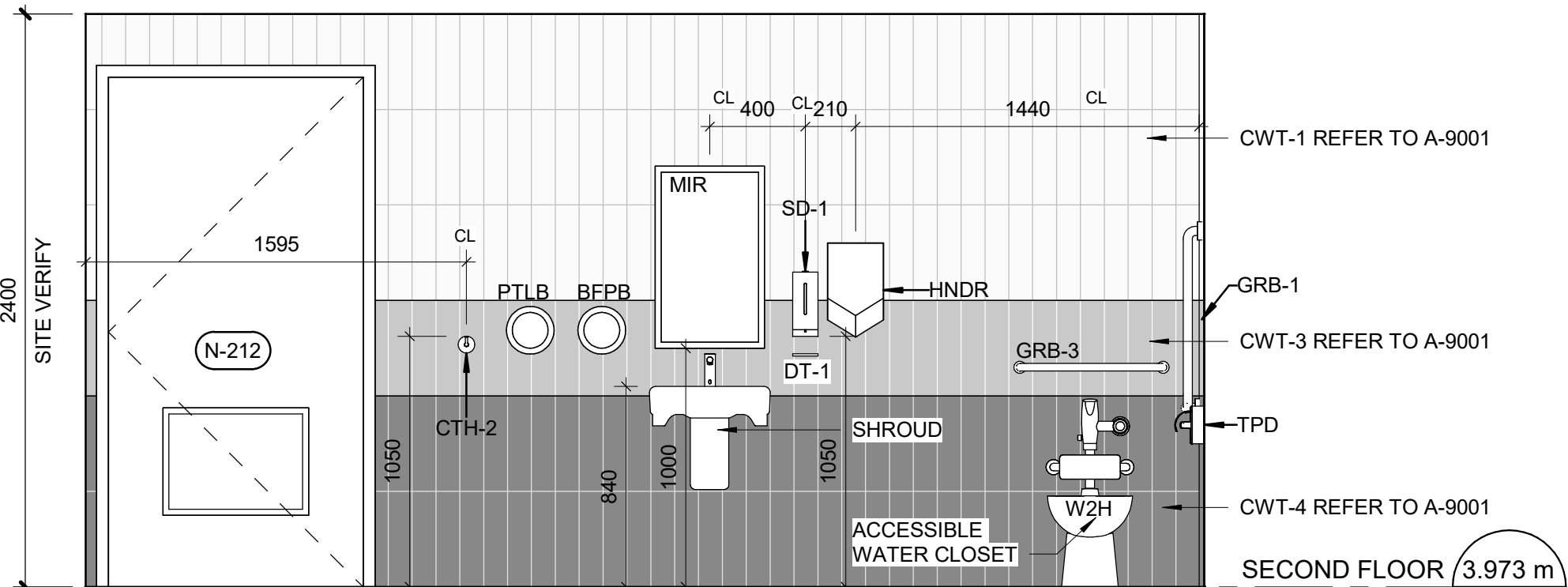
4 NORTH ELEVATION - UNIVERSAL WASHROOM 212
A5014 Scale: 1 : 25



6 SOUTH ELEVATION - UNIVERSAL WASHROOM 212
A5014 Scale: 1 : 25



5 EAST ELEVATION - UNIVERSAL WASHROOM 212
A5014 Scale: 1 : 25



7 WEST ELEVATION - UNIVERSAL WASHROOM 212
A5014 Scale: 1 : 25

WASHROOM GENERAL NOTES

- 1 ALL EXISTING SOAP DISPENSERS AND MIRRORS TO BE LOWERED. REFER TO 2/D1201, 4/D1201.
- 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

UNIVERSAL WASHROOM GENERAL NOTES

- 1 PROVIDE WALL REINFORCEMENT TO SUPPORT FUTURE ADULT CHANGE TABLE MINIMUM LOAD OF 1.33 KN AND POWER OUTLET

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PROJECT TITLE
**CITY OF TORONTO
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PROJECT ADDRESS
**POLICE NO. 43 DIVISION &
EMS STATION NO.26
4331 LAWRENCE AVE E**

PROJECT NO:
9119-19-0162 / Arcadis 30279056

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CHECKED BY:
K. TILAHUN

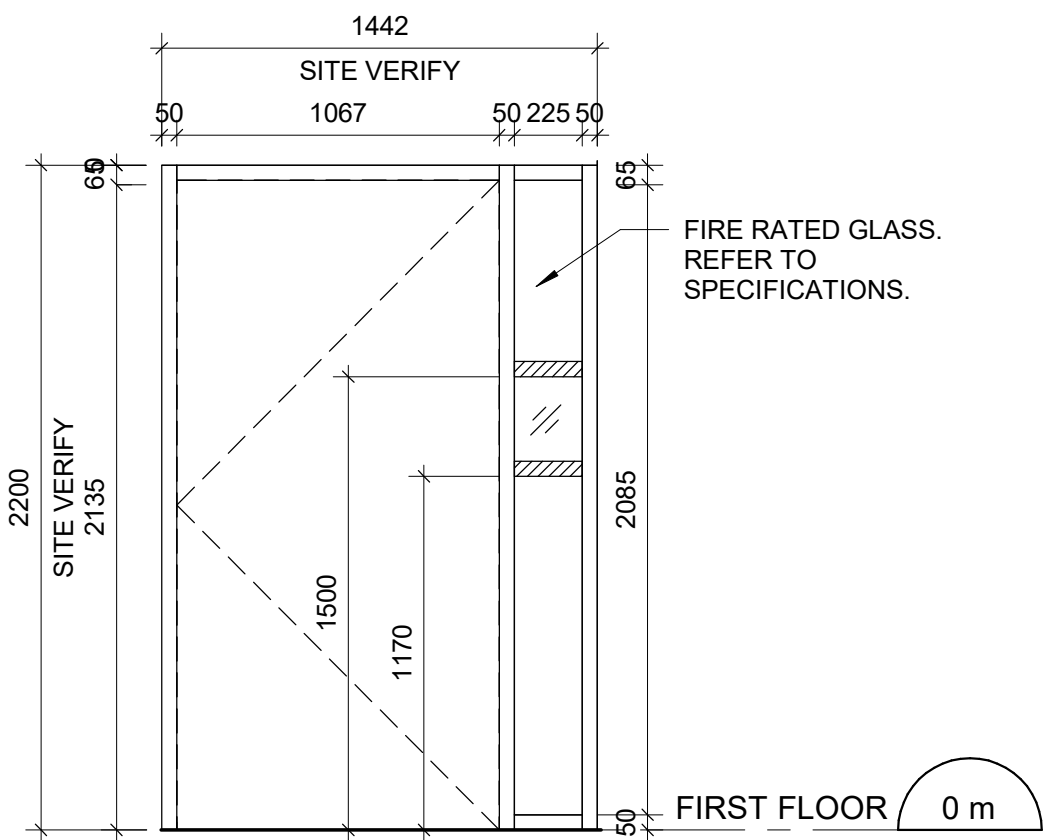
PROJECT MGR:
L. SOSA

APPROVED BY:
M. KUO

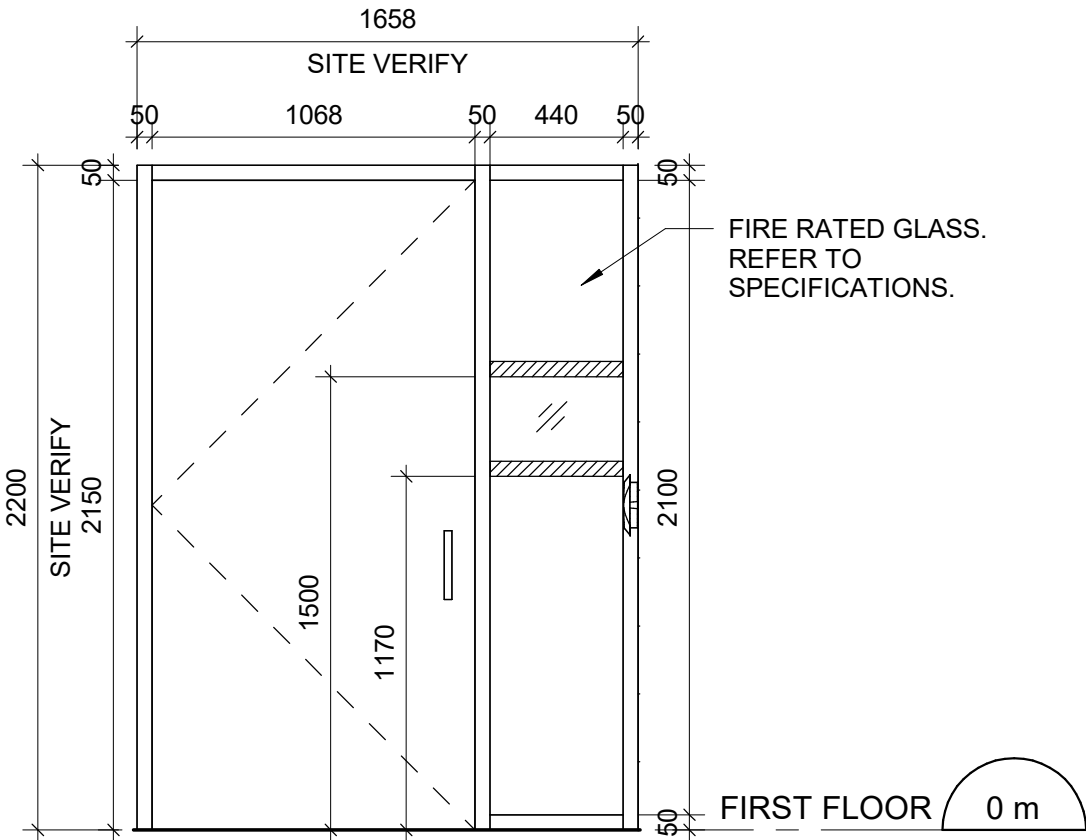
SHEET TITLE
**UNIVERSAL WASHROOM
PLANS AND ELEVATIONS**

SHEET NUMBER
G03-231-A5014

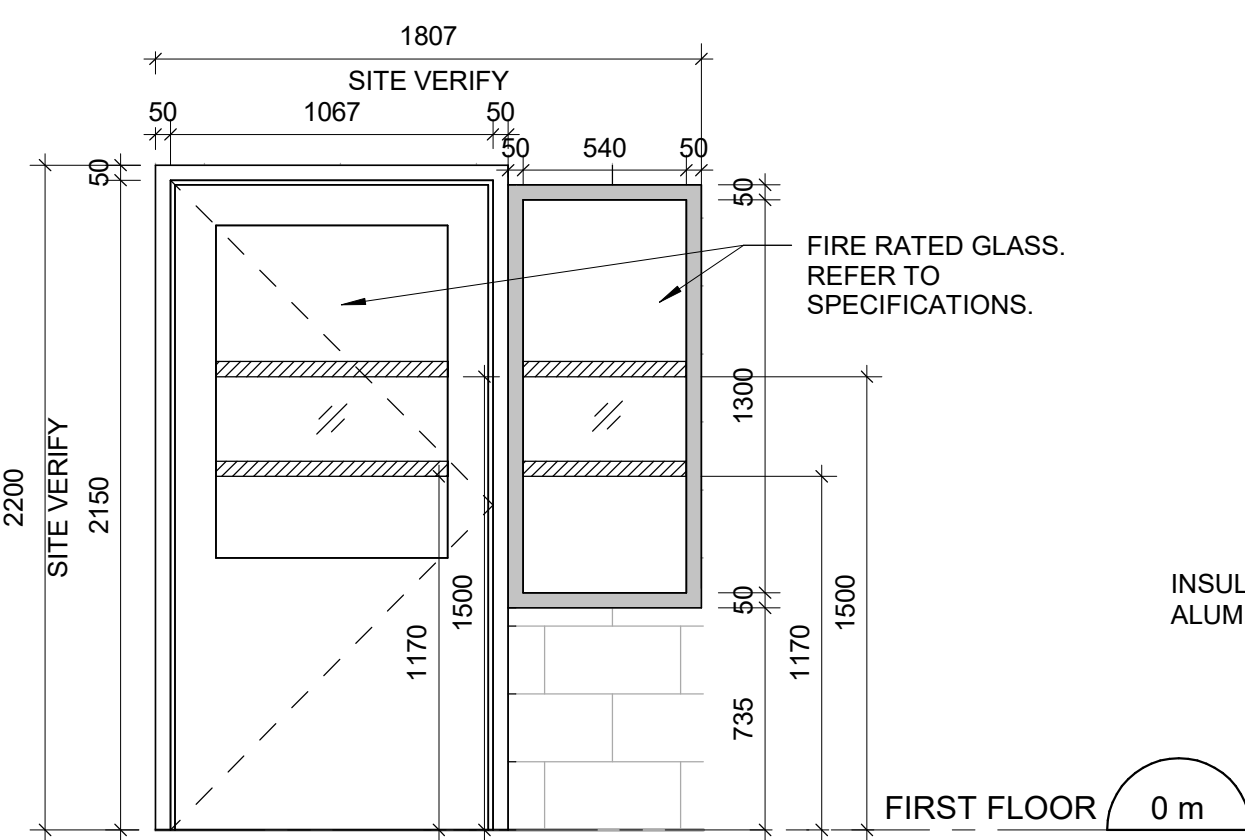
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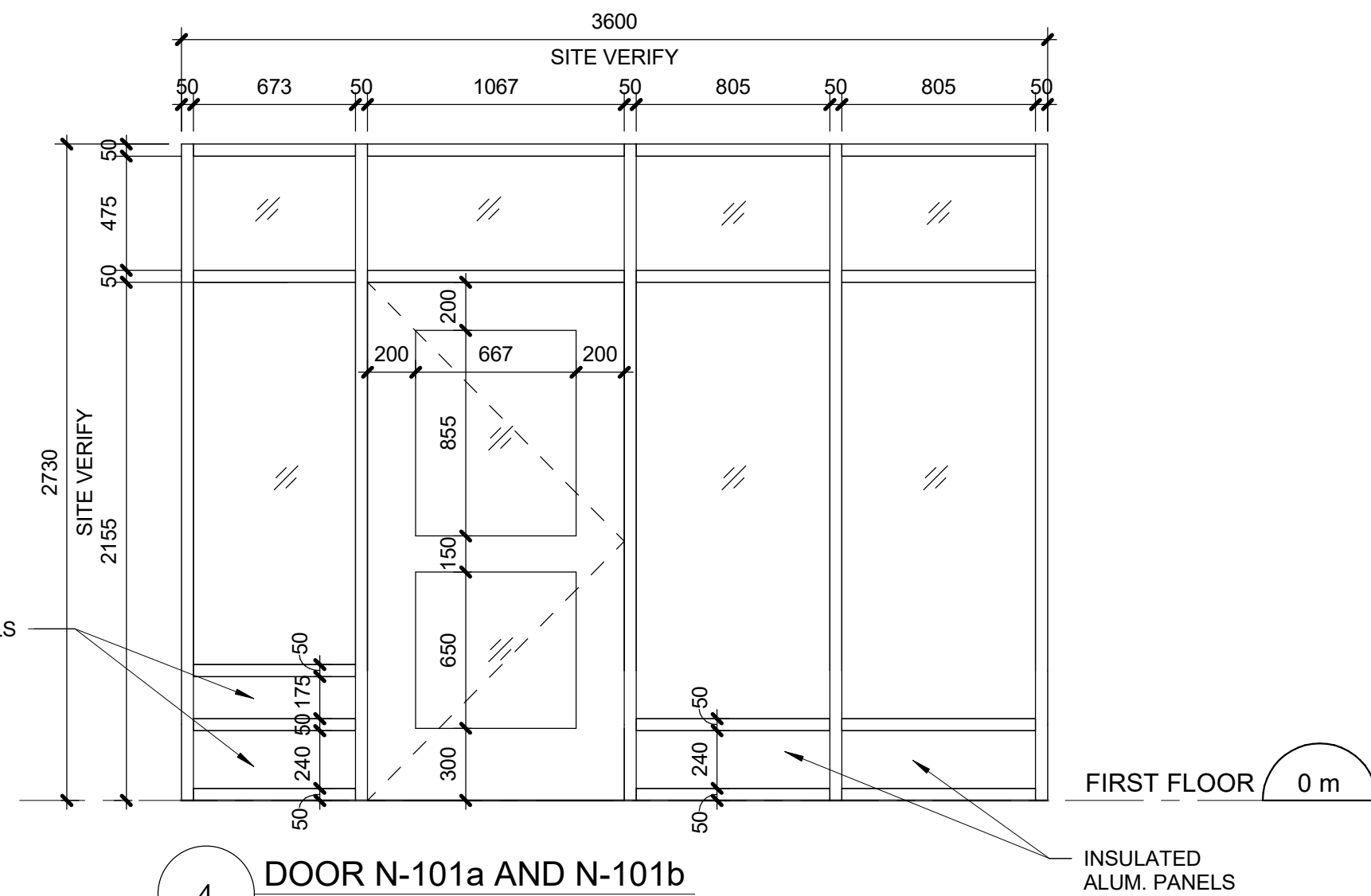
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Scale: 1 : 25



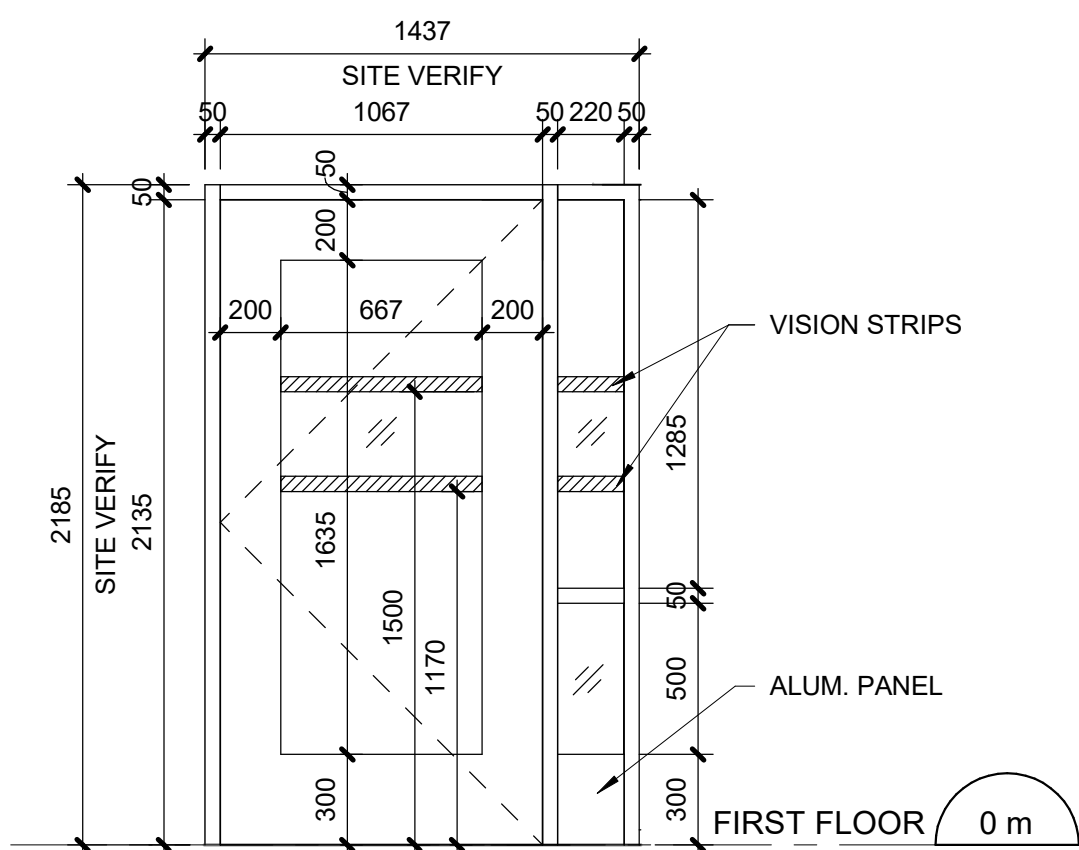
2 DOOR - N-121
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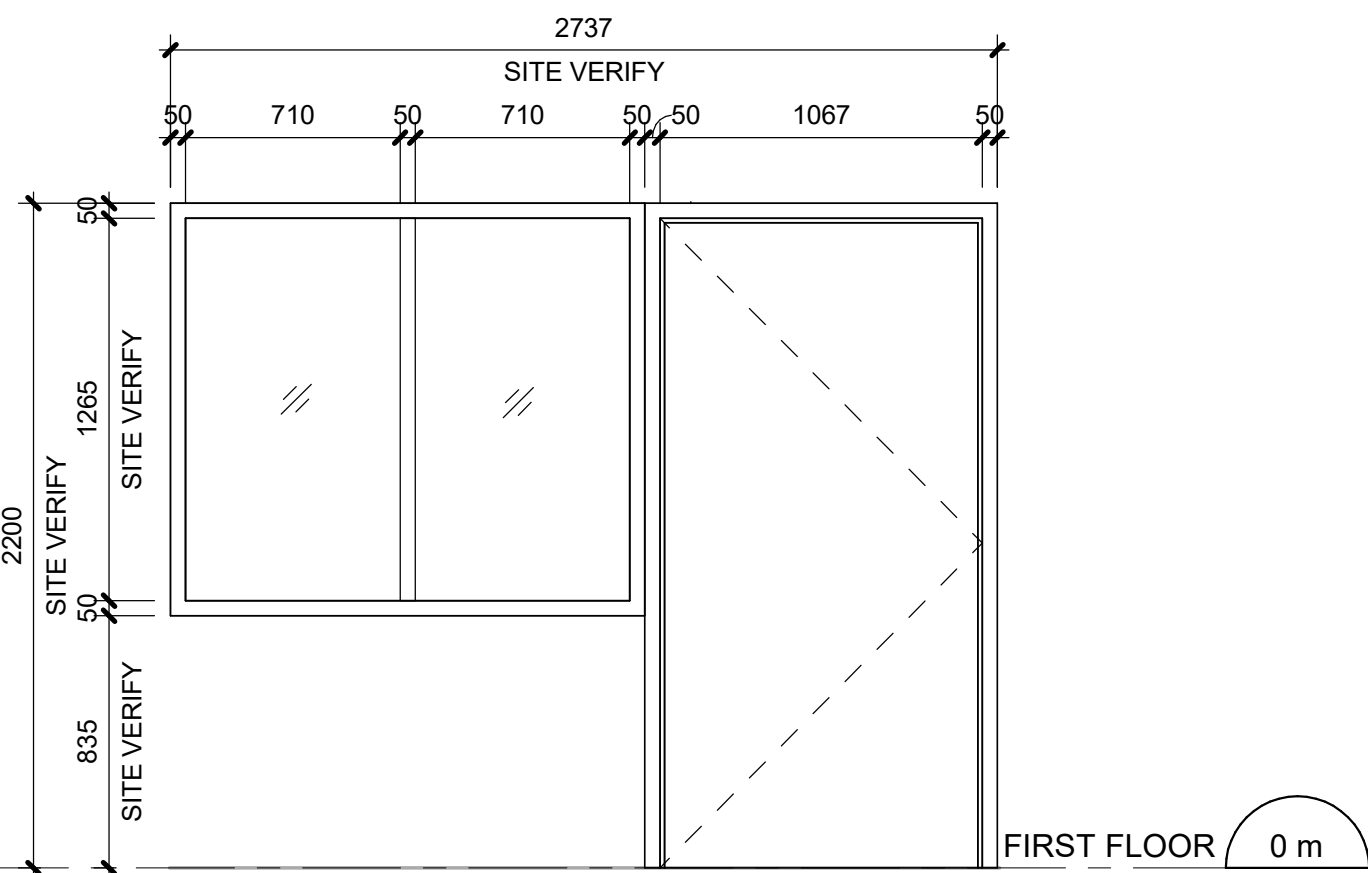
3 DOOR - N-155a
Scale: 1 : 25



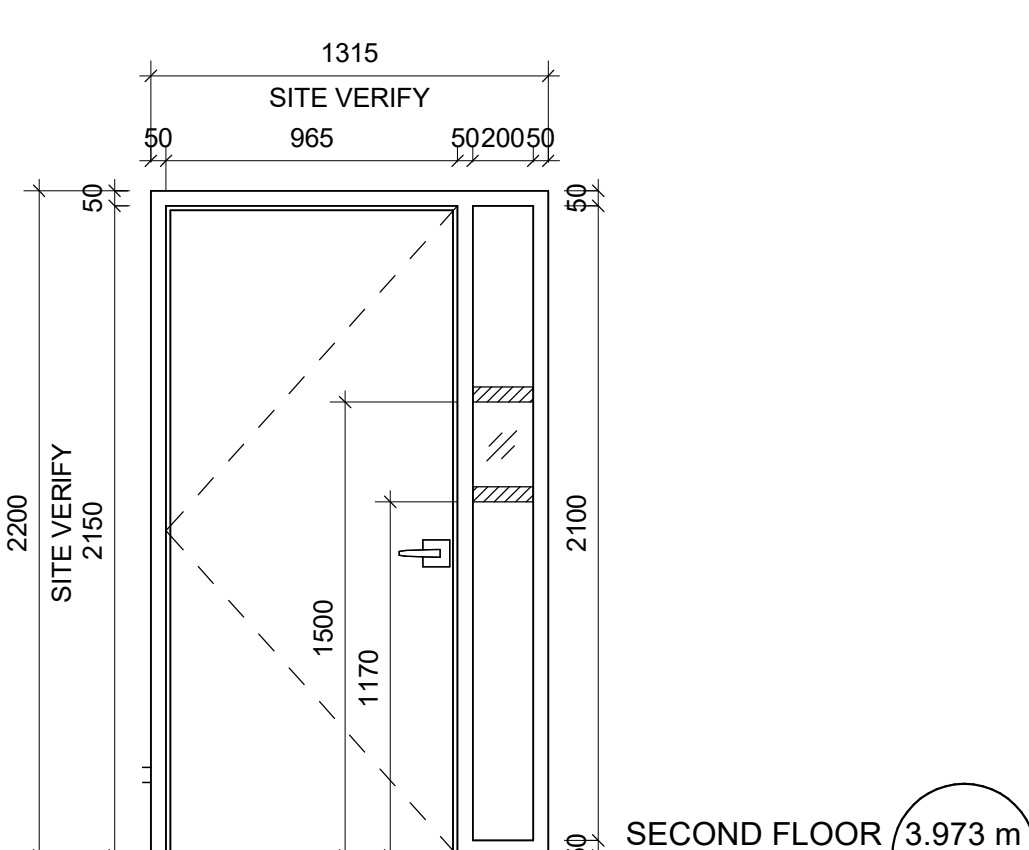
4 DOOR N-101a AND N-101b
Scale: 1 : 25



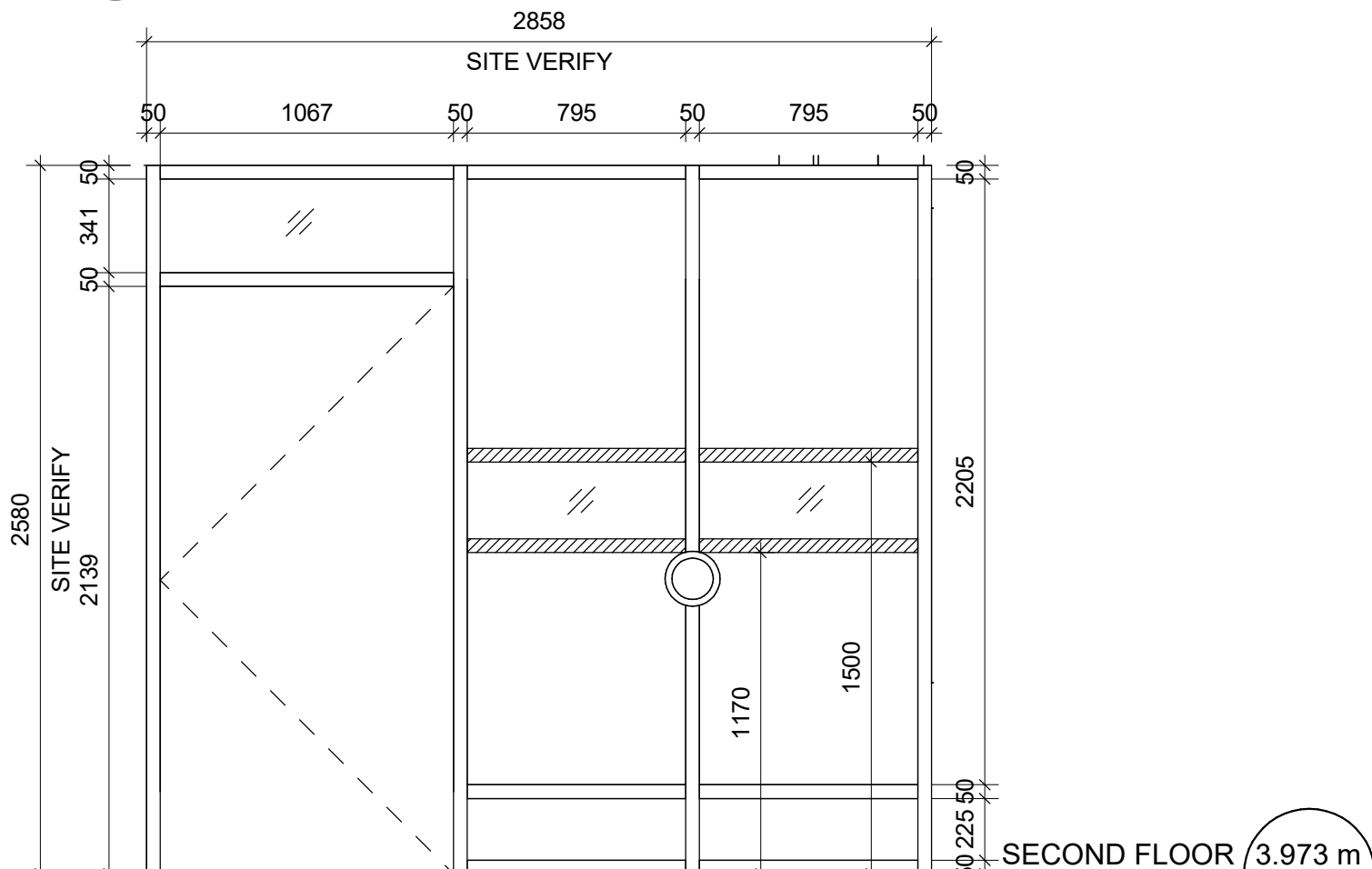
5 DOOR N-102
Scale: 1 : 25



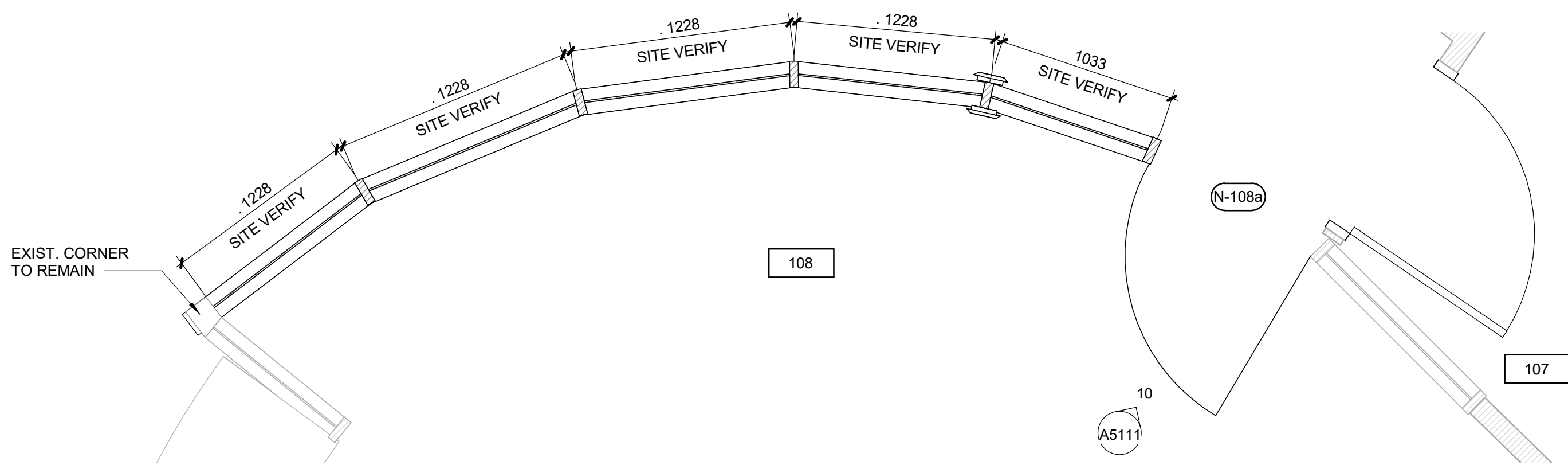
6 DOOR N-110
Scale: 1 : 25



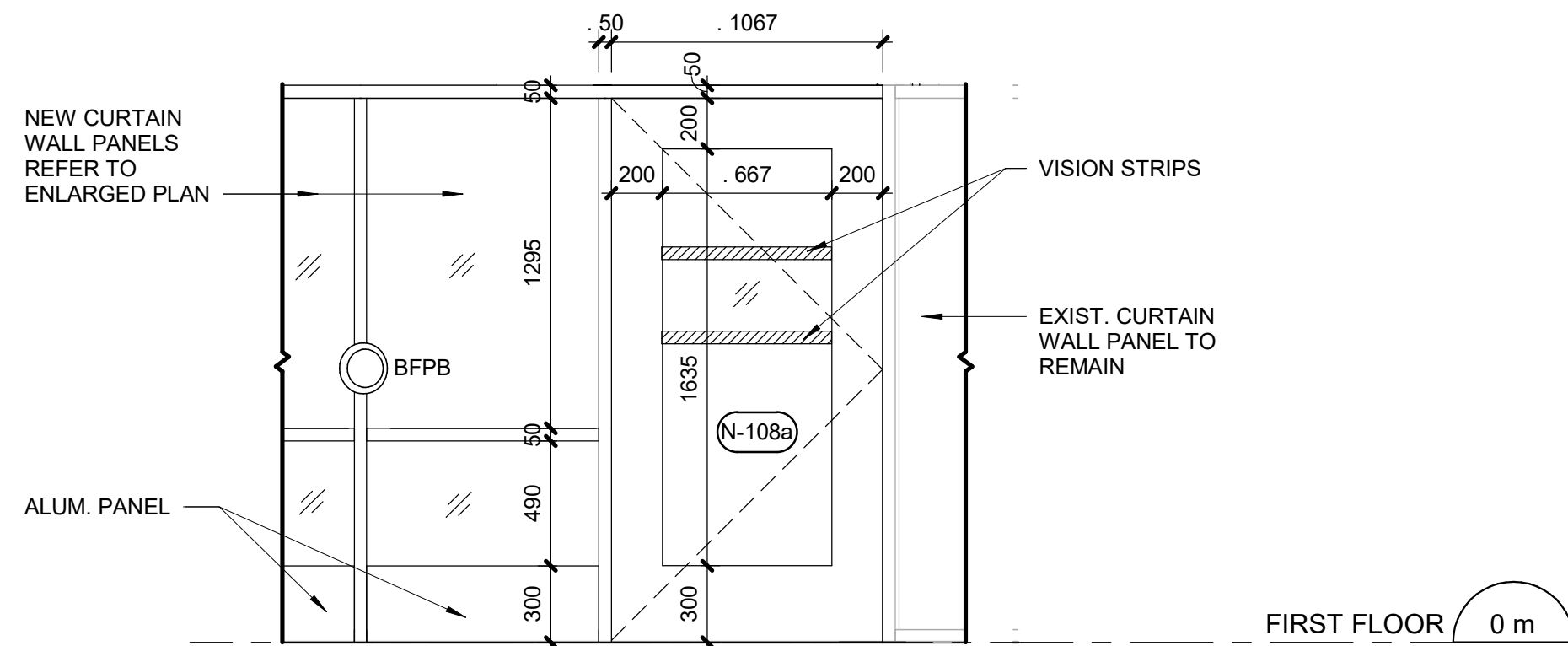
7 DOOR - N-201
Scale: 1 : 25



8 DOOR - N-210
Scale: 1 : 25



9 DOOR 108a AND CURTAIN WALL ENLARGED PLAN
Scale: 1 : 25



10 Elevation 4 - a
Scale: 1 : 25

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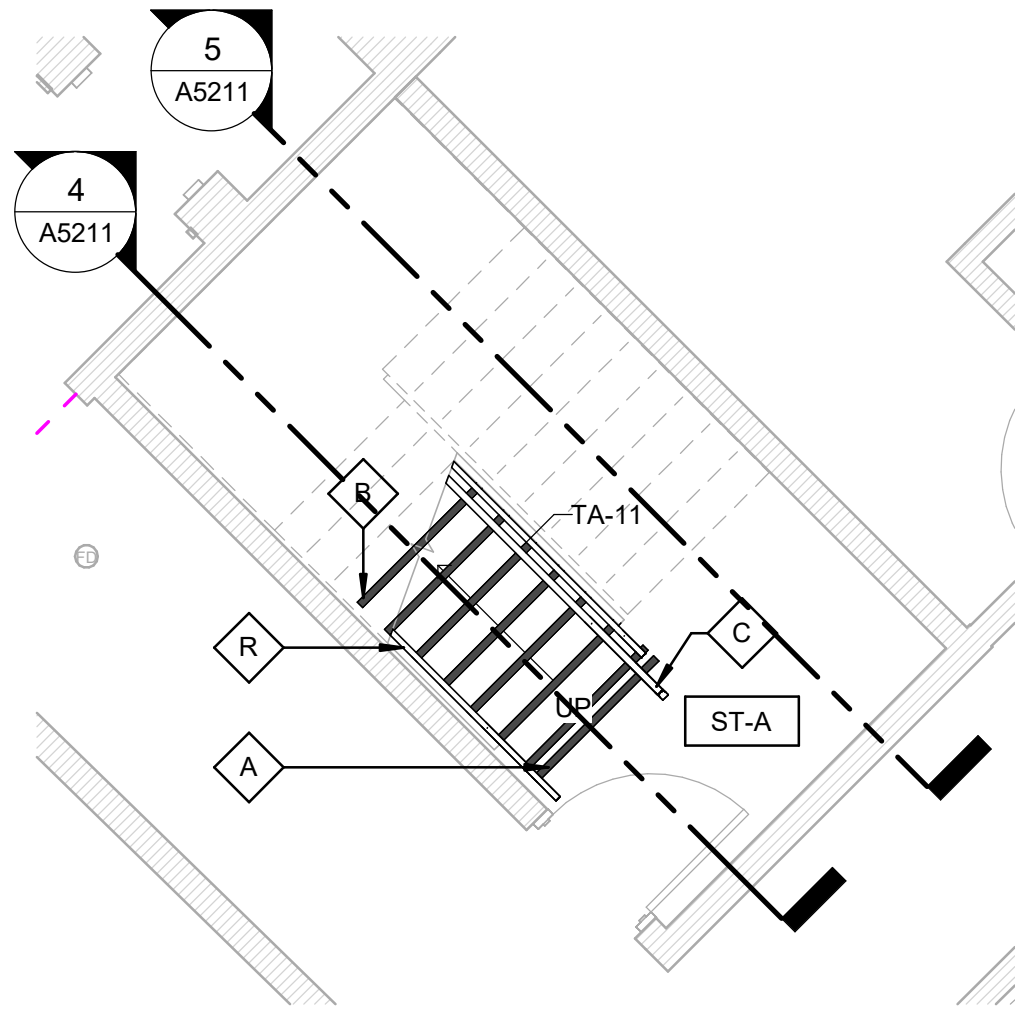
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4331 LAWRENCE AVE E**

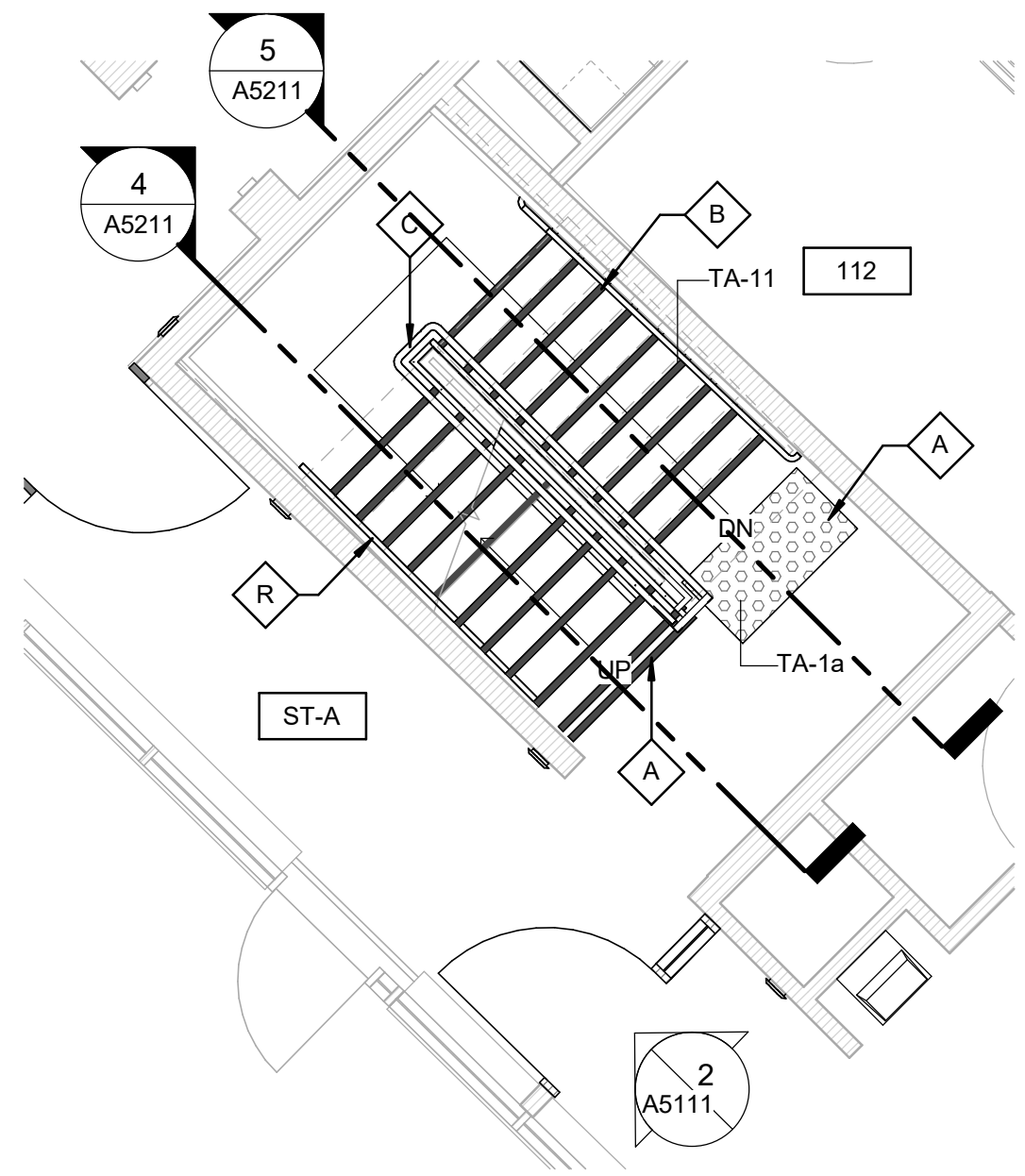
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PROJECT MGR:
L. SOSA
CHECKED BY:
K. TILAHUN
APPROVED BY:
M. KUO

SHEET TITLE
**DOOR ENLARGED PLAN
AND ELEVATIONS**

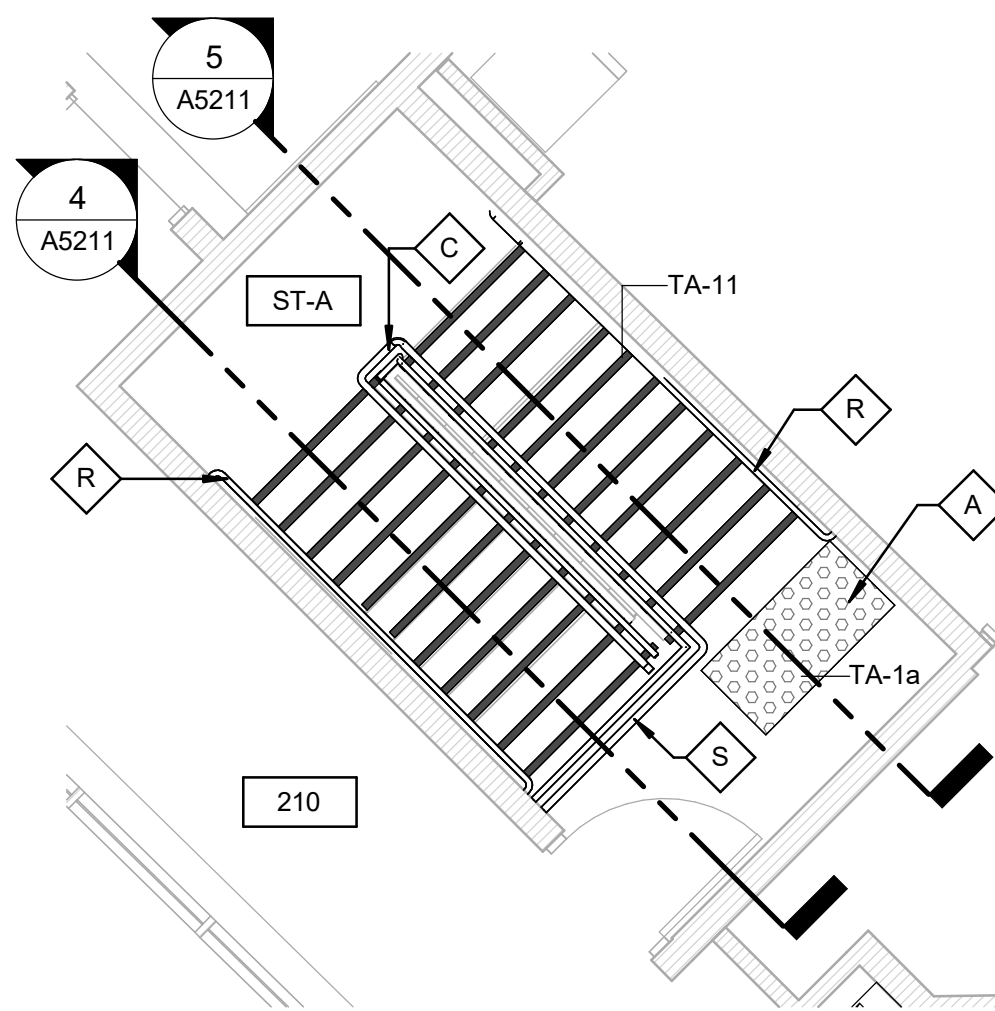
SHEET NUMBER
G03-231-A5111
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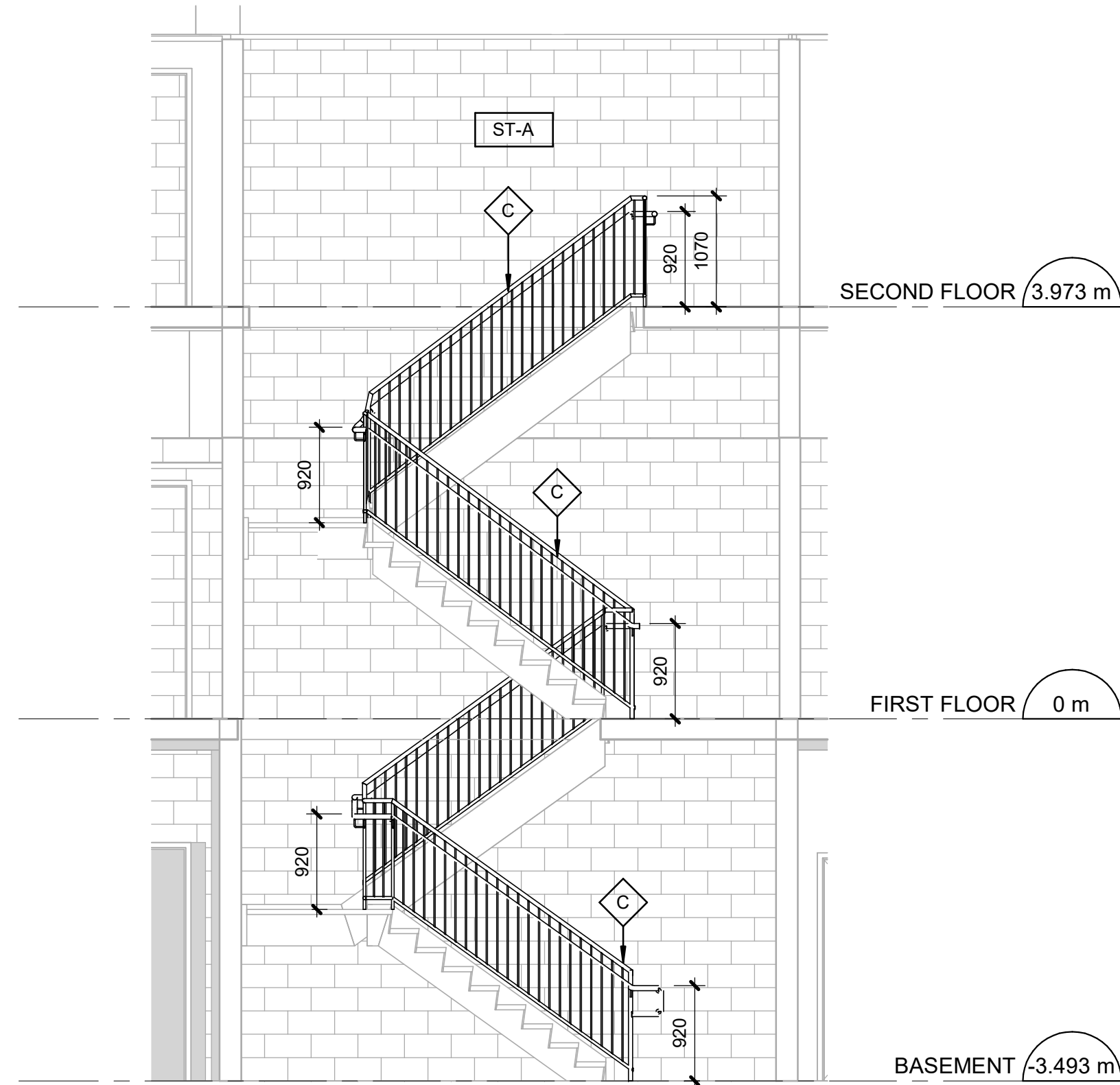
1 BASEMENT- STAIR A PLAN
Scale: 1 : 50



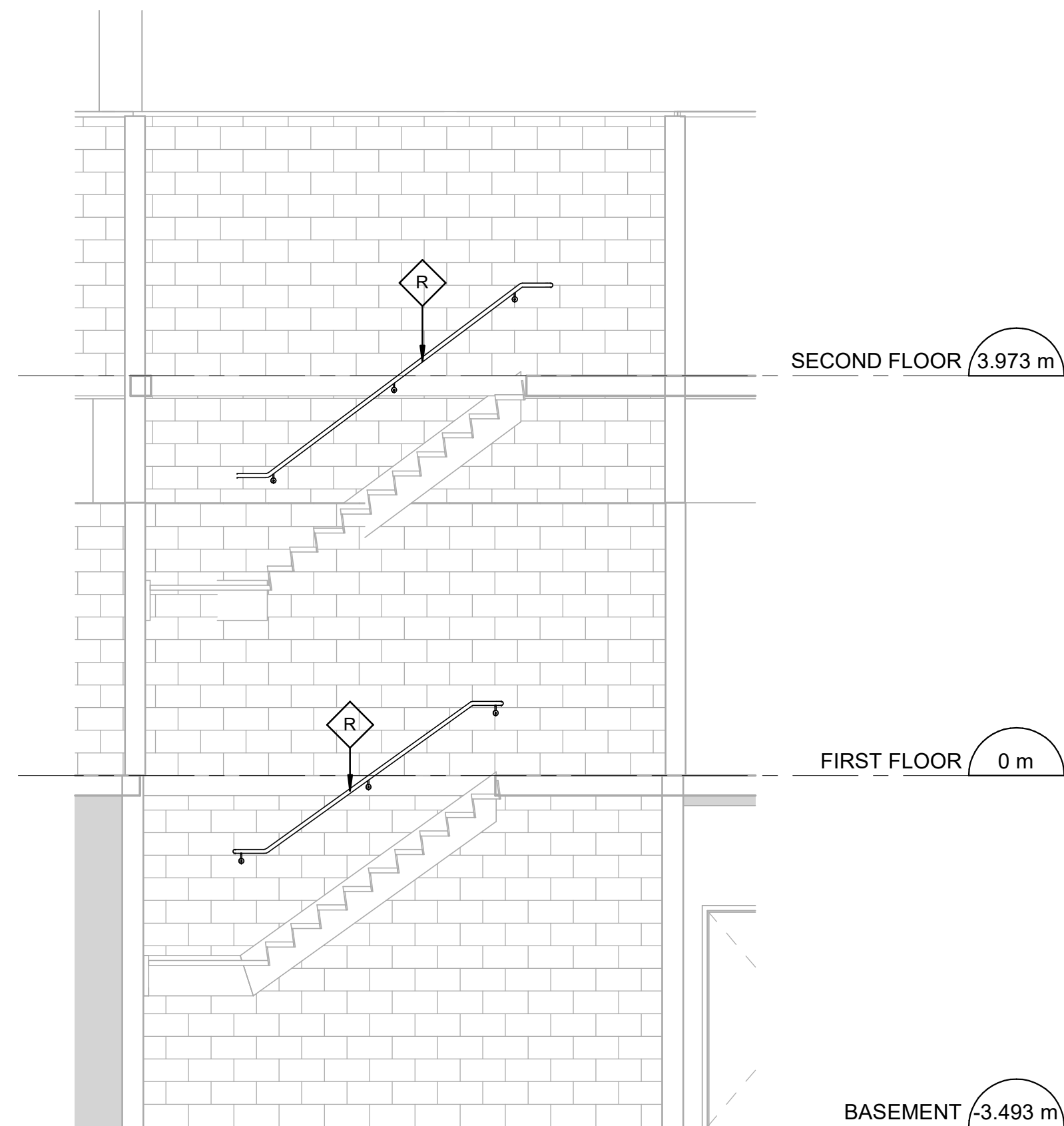
2 FIRST FLOOR - STAIR A PLAN
Scale: 1 : 50



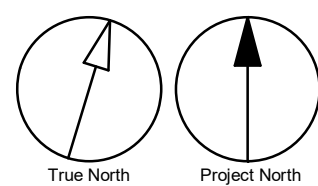
3 SECOND FLOOR - STAIR A PLAN
Scale: 1 : 50



4 STAIR A SECTION 1
Scale: 1 : 50



5 STAIR A SECTION 2
Scale: 1 : 50



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PROJECT ADDRESS
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4331 LAWRENCE AVE E**

PROJECT NO:
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CHECKED BY:
K. TILAHUN

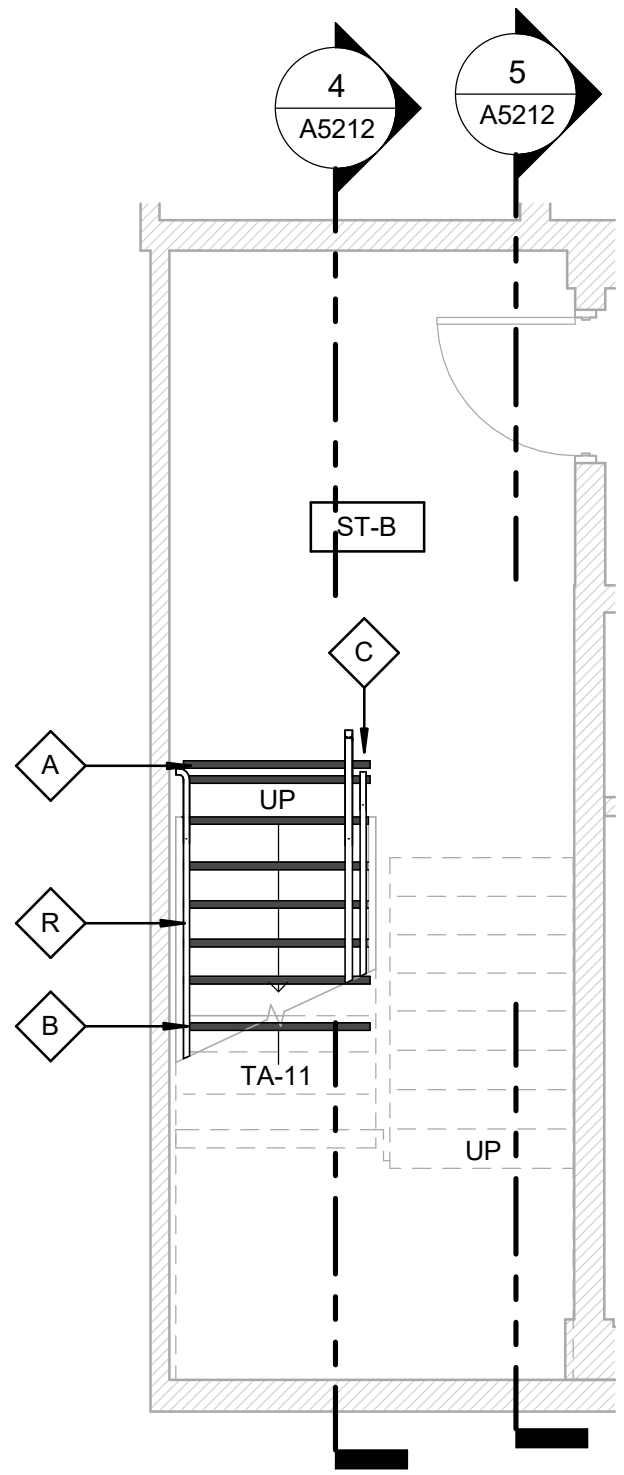
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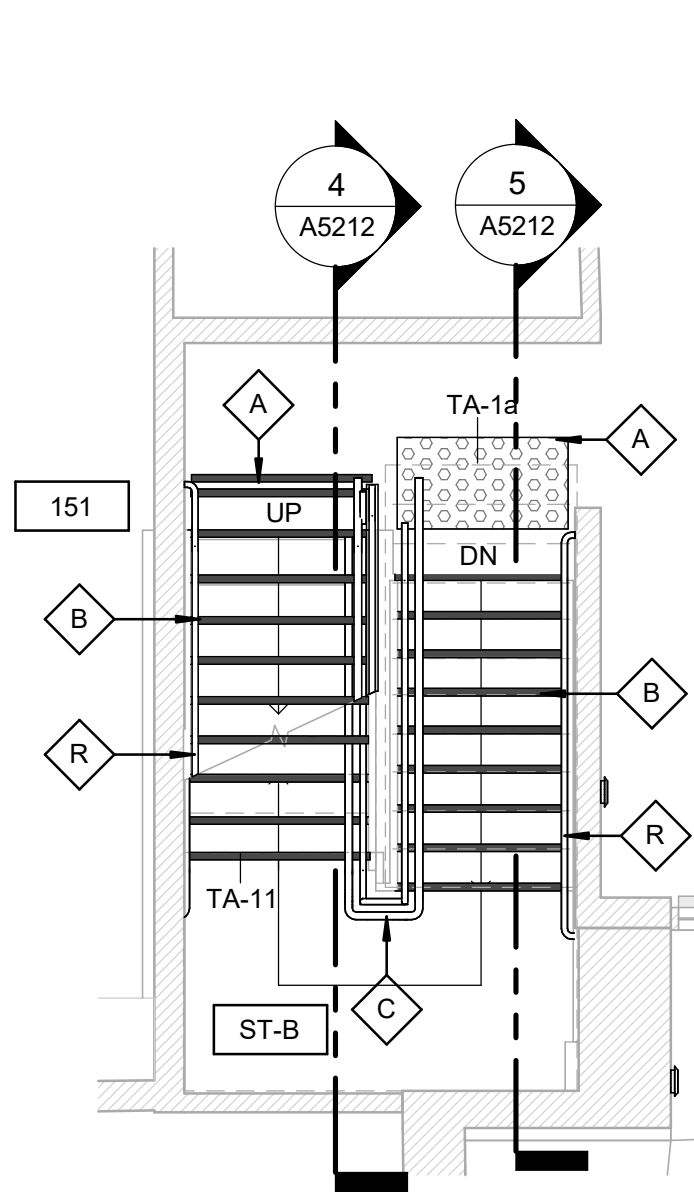
SHEET TITLE
**STAIR PLANS AND
SECTIONS**

SHEET NUMBER
G03-231-A5211

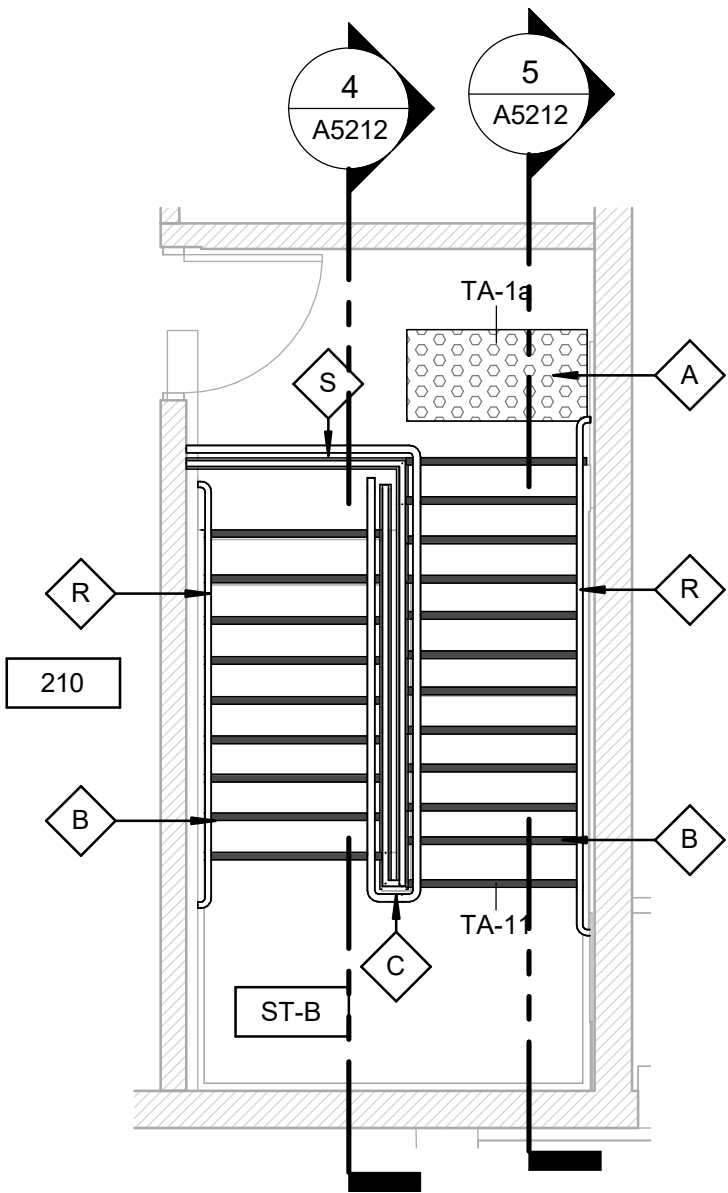
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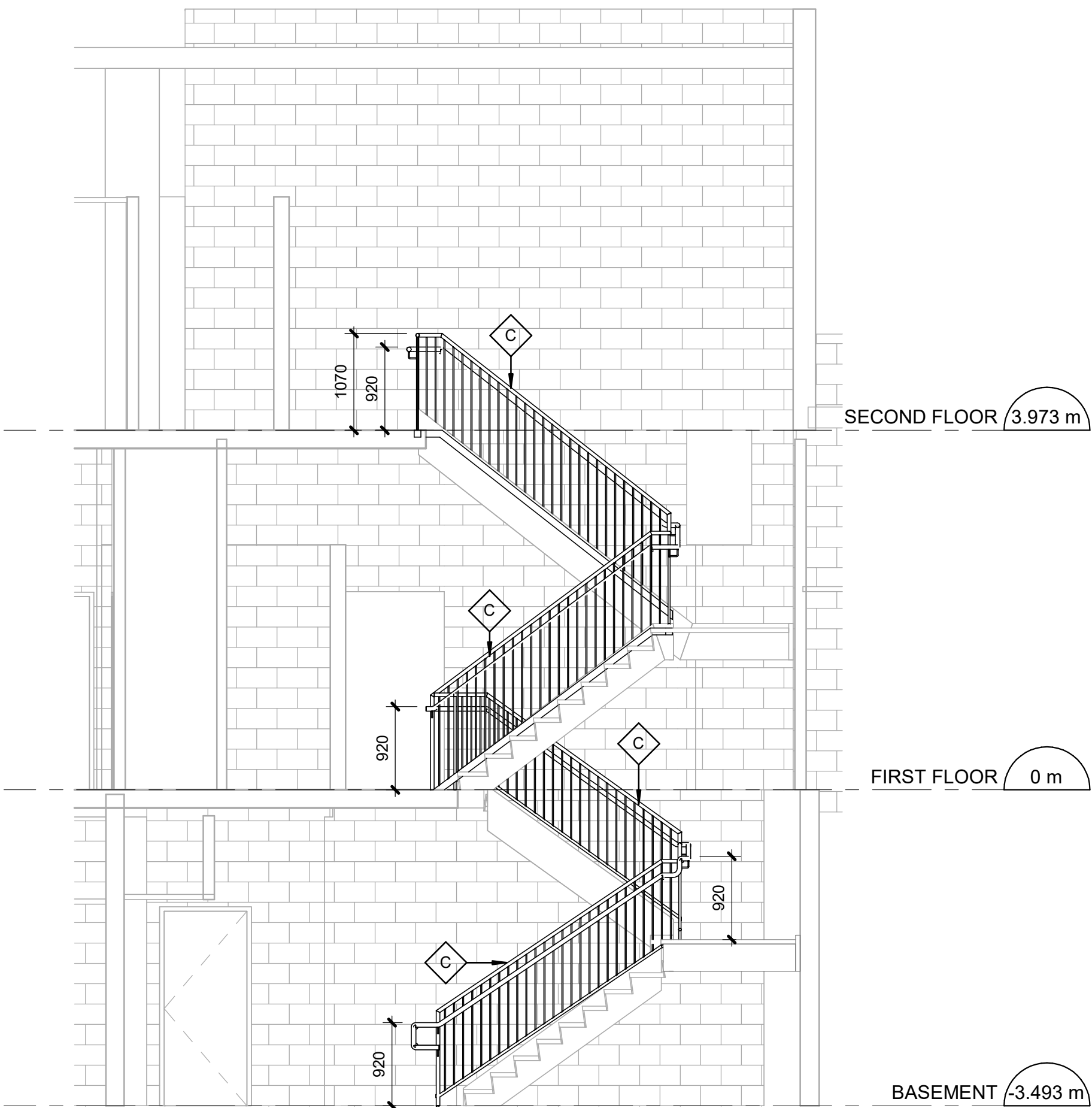
1 BASEMENT - STAIR B PLAN
A5212 Scale: 1 : 50



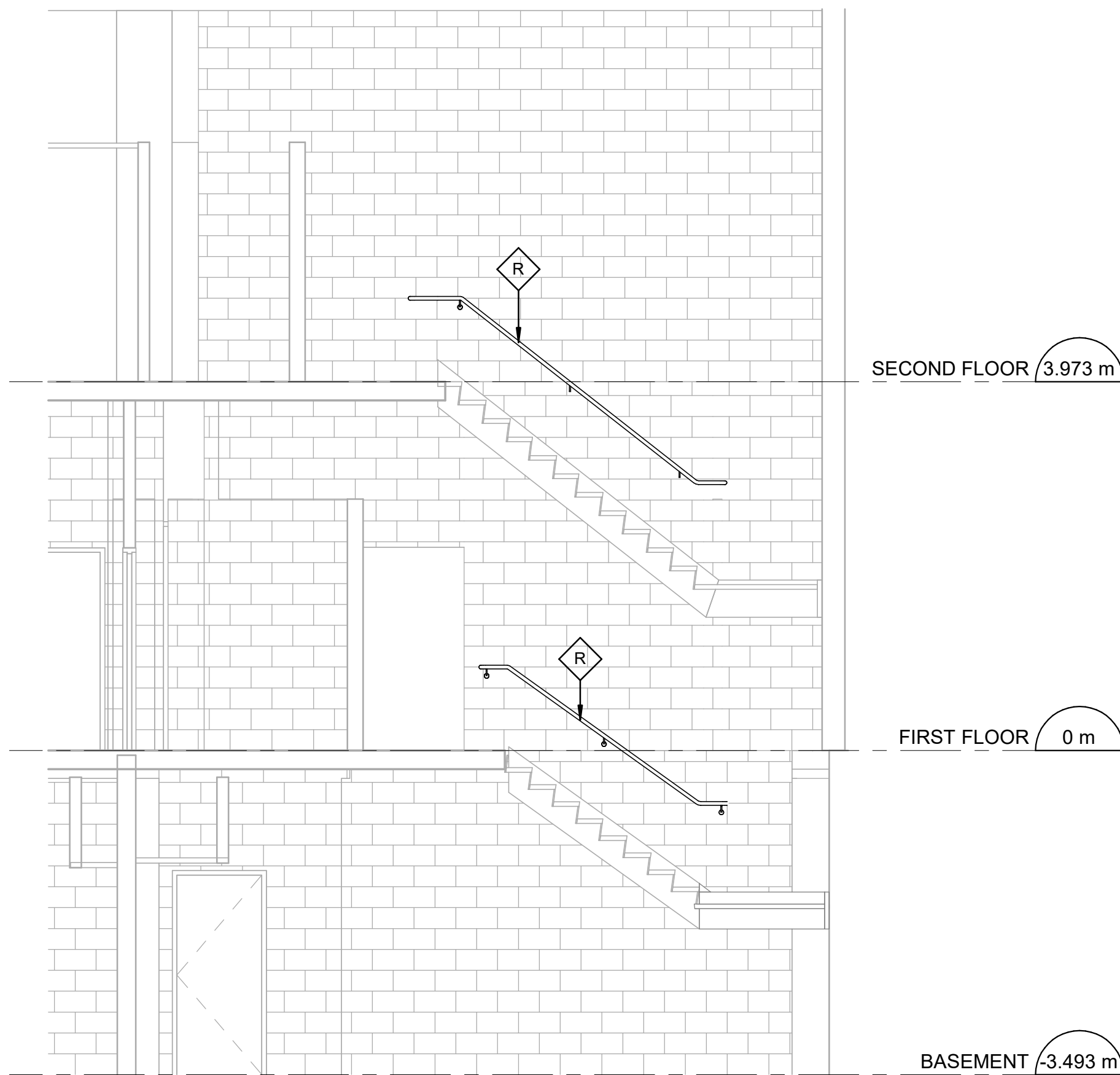
2 FIRST FLOOR - STAIR B PLAN
A5212 Scale: 1 : 50



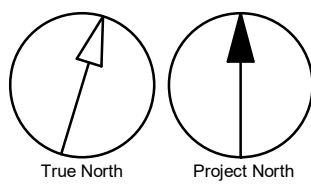
3 SECOND FLOOR - STAIR B PLAN
A5212 Scale: 1 : 50



4 STAIR B - SECTION 1
A5212 Scale: 1 : 50



5 STAIR B - SECTION 2
A5212 Scale: 1 : 50



ISSUES		
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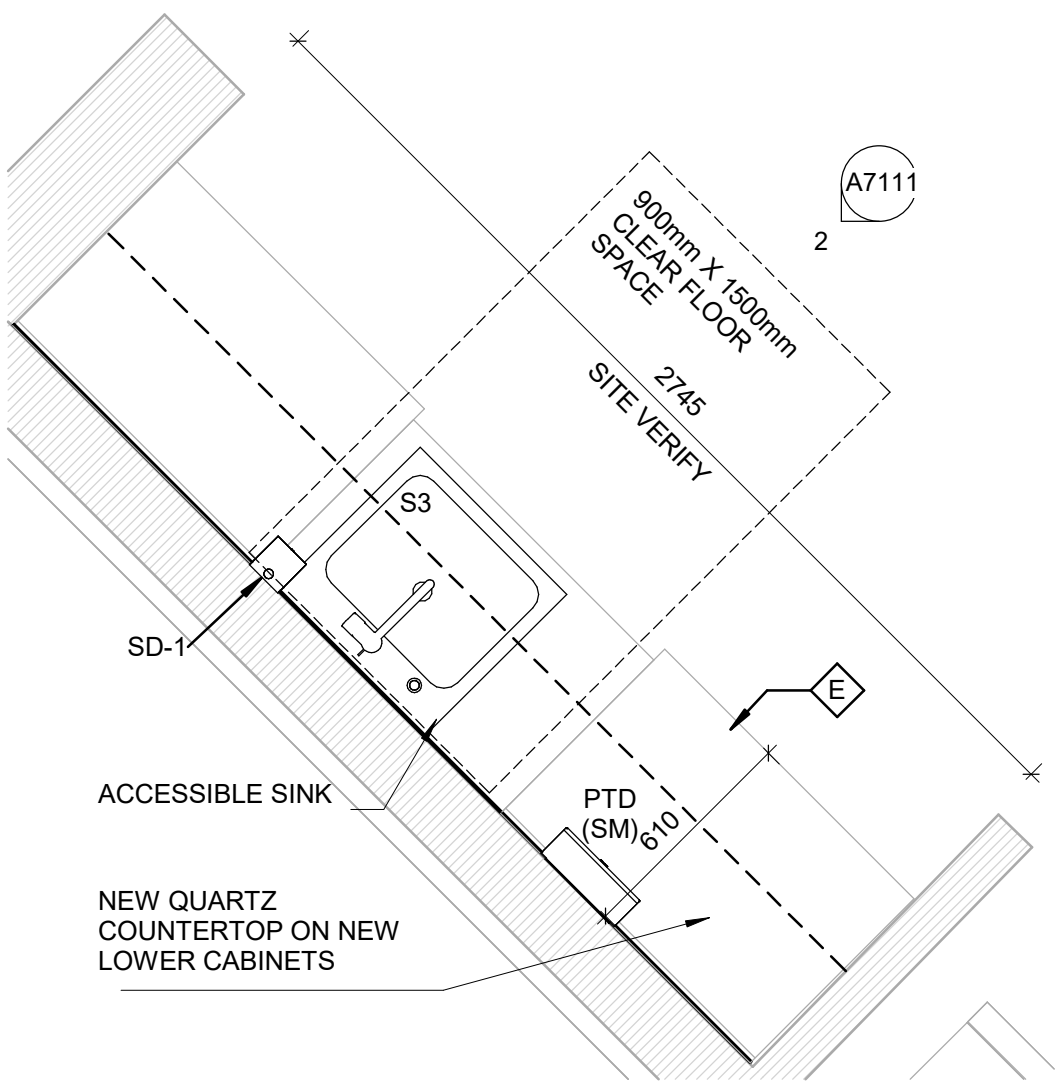
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CITY OF TORONTO
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PROJECT ADDRESS
POLICE NO. 43 DIVISION &
EMS STATION NO.26
4331 LAWRENCE AVE E

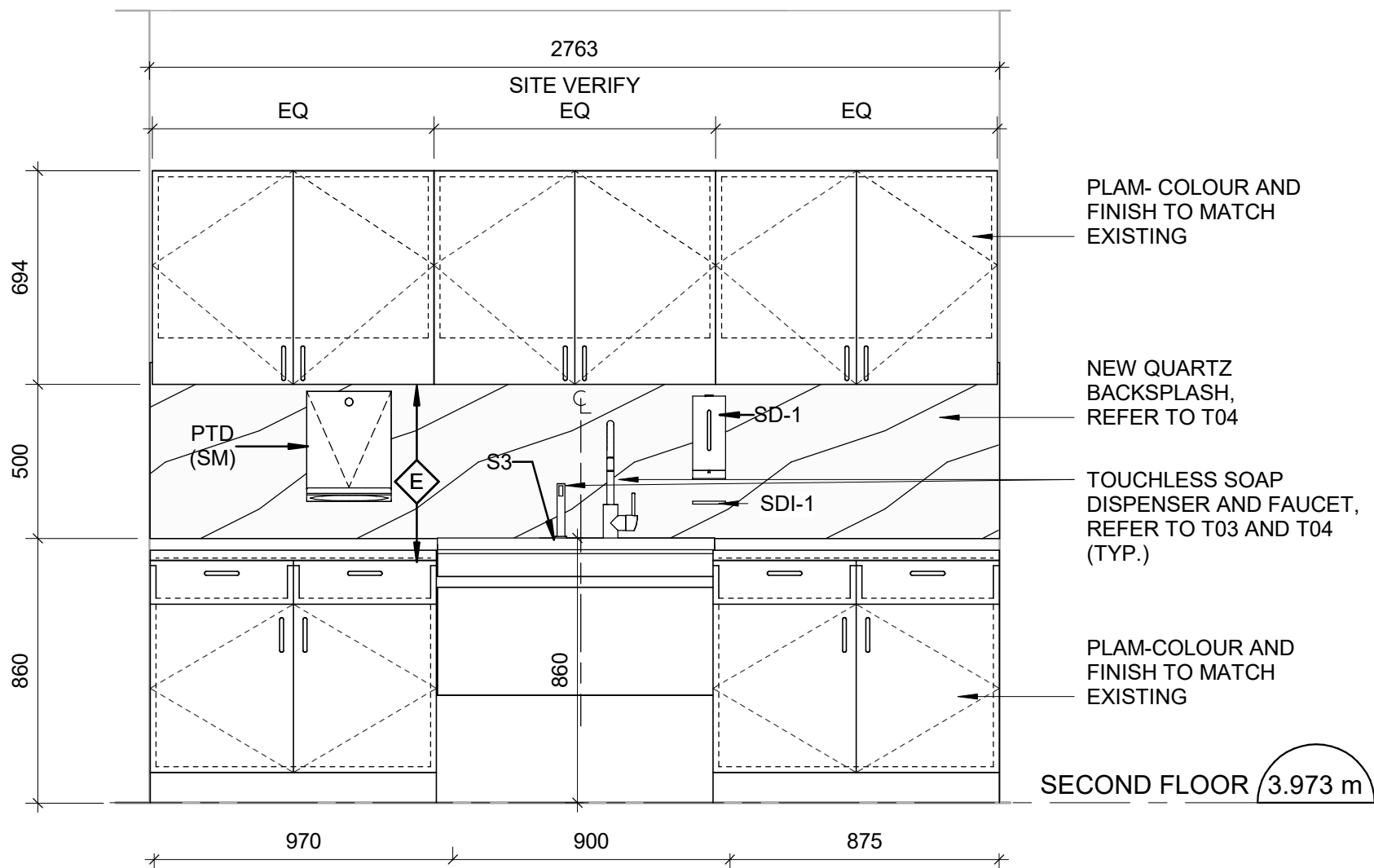
PROJECT NO:
9119-19-0162 / Arcadis 30279056
DRAWN BY:
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CHECKED BY:
K. TILAHUN
PROJECT MGR:
L. SOSA
APPROVED BY:
M. KUO

SHEET TITLE
STAIR PLANS AND
SECTIONS

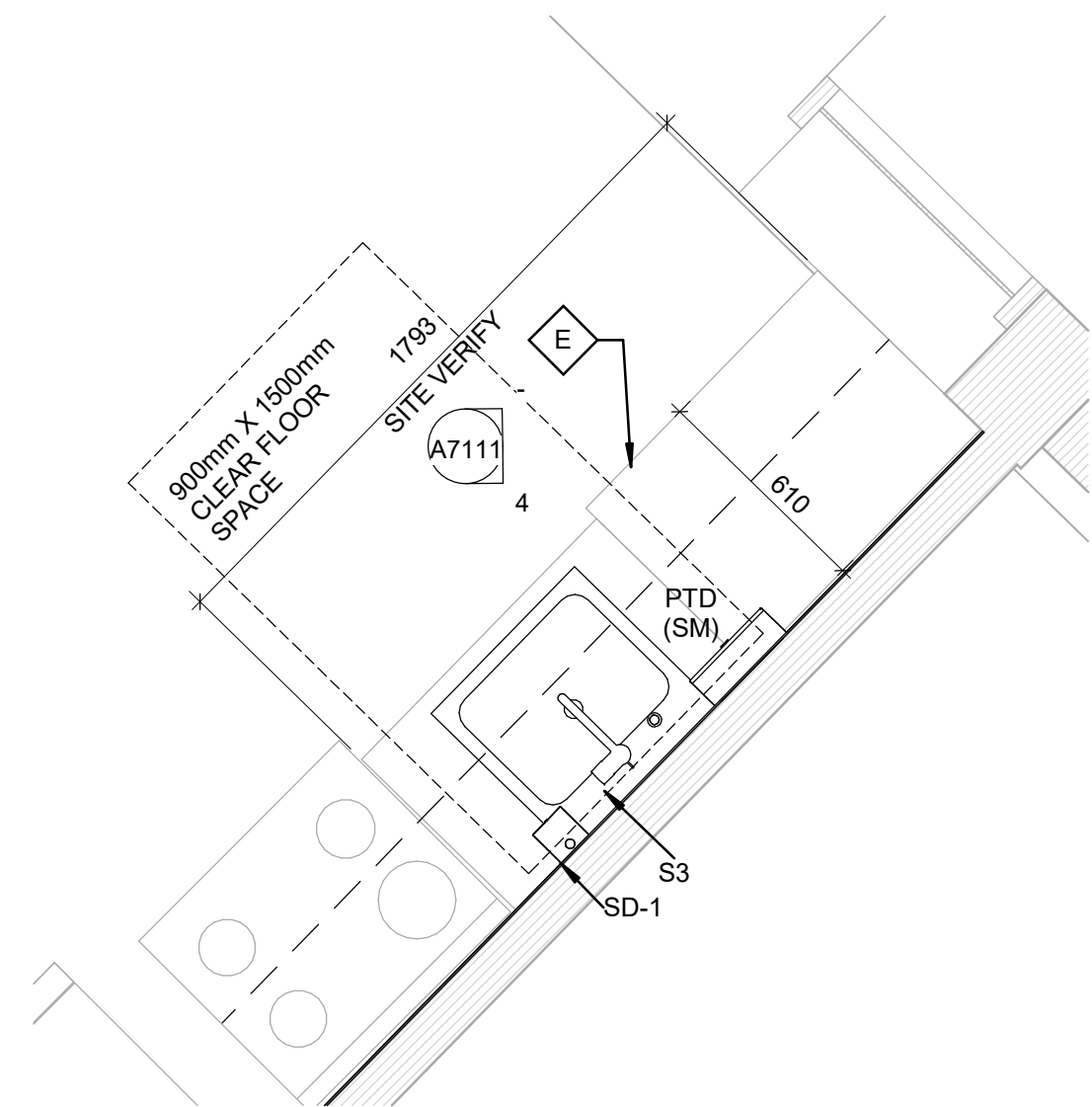
SHEET NUMBER G03-231-A5212	ISSUE C
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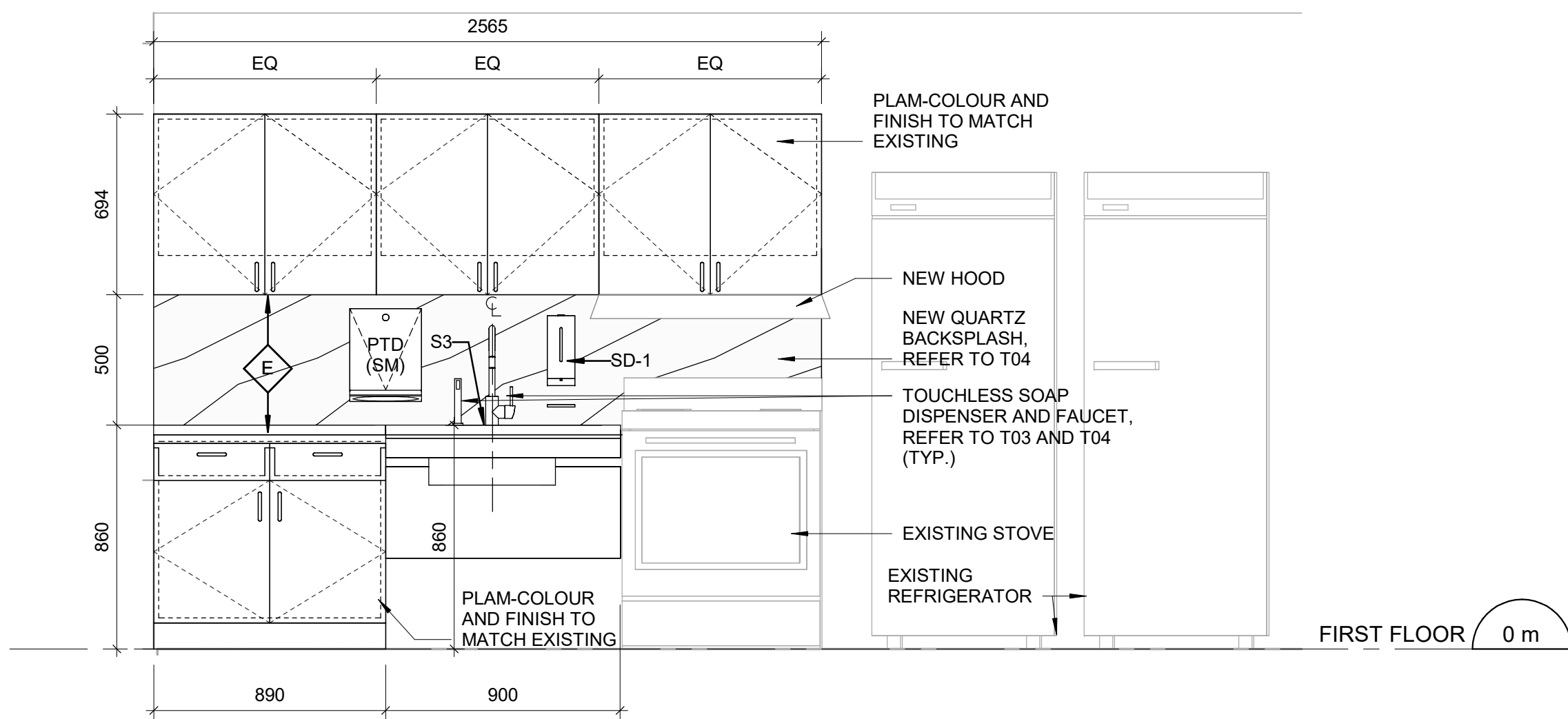
1 KITCHEN 203 MILLWORK - PLAN
A7111 Scale: 1 : 20



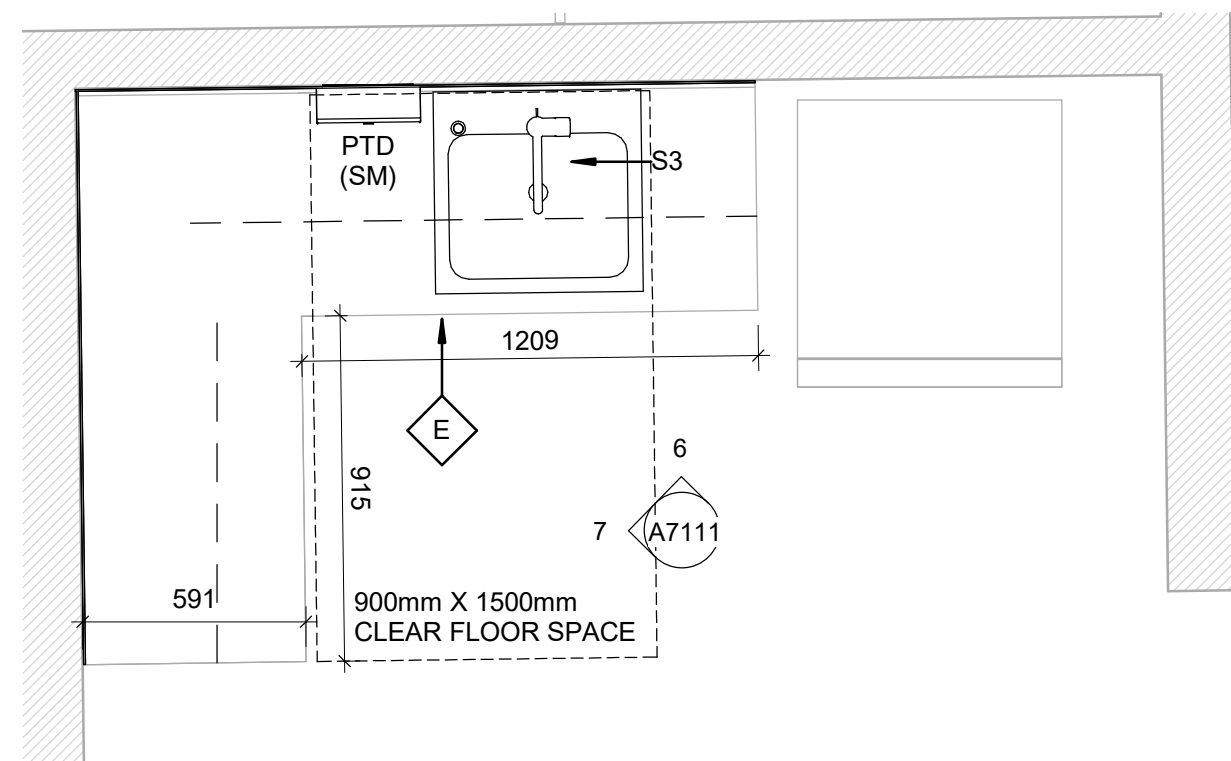
2 KITCHEN 203 MILLWORK - ELEVATION
A7111 Scale: 1 : 20



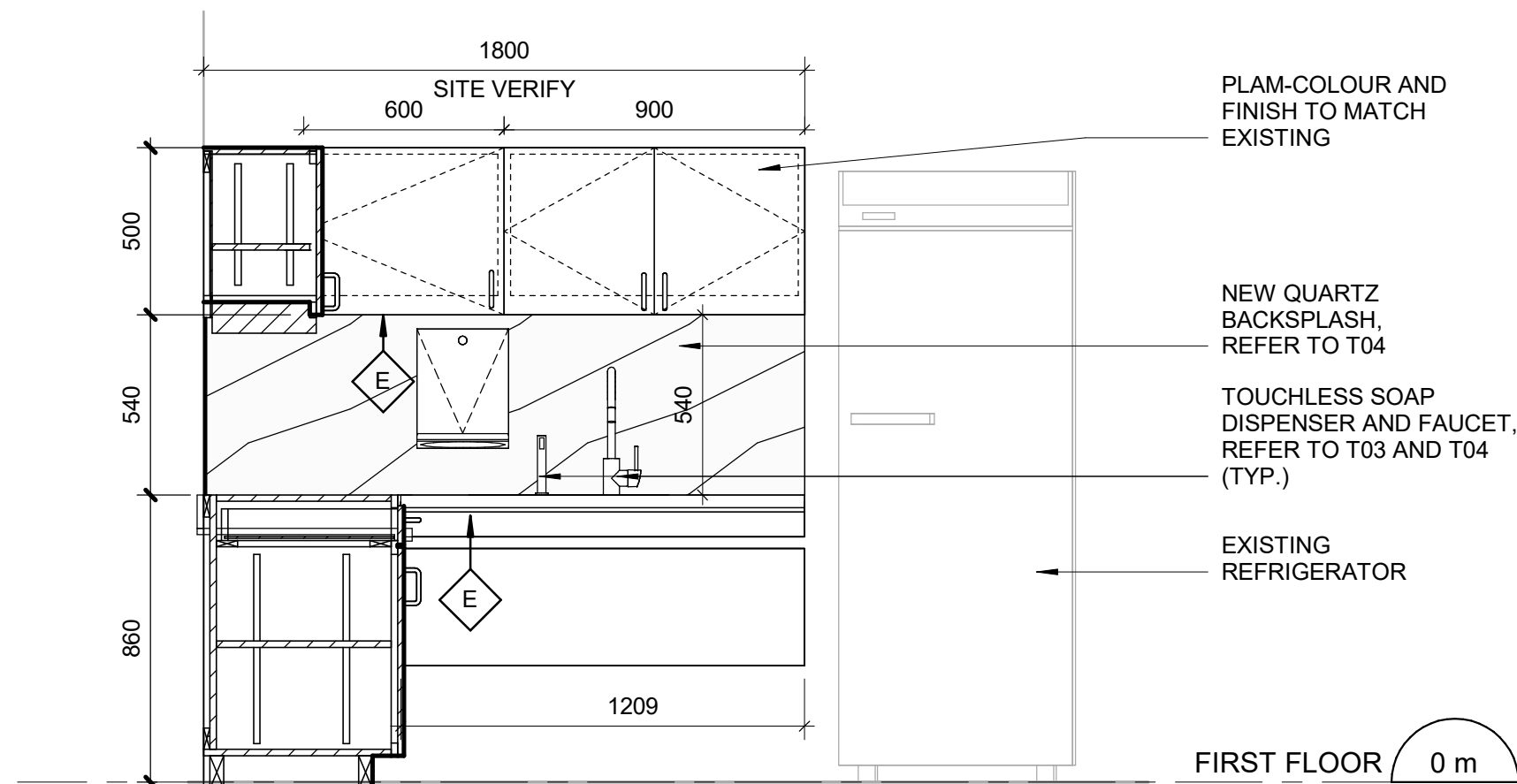
3 ROOM 111 MILLWORK - PLAN
A7111 Scale: 1 : 20



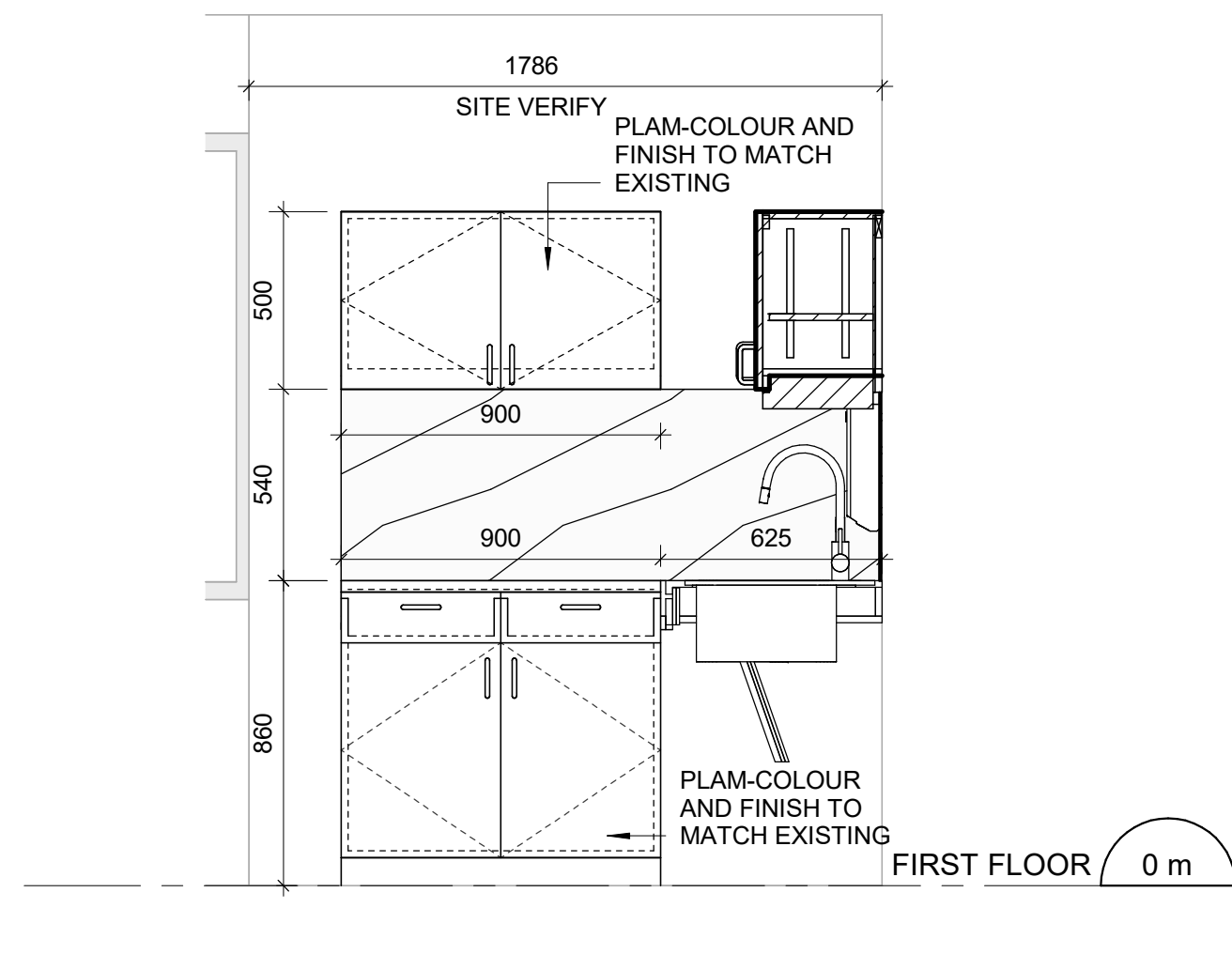
4 ROOM 111 MILLWORK - ELEVATION
A7111 Scale: 1 : 20



5 ROOM 127 MILLWORK - PLAN
A7111 Scale: 1 : 20



6 ROOM 127 MILLWORK - NORTH ELEVATION
A7111 Scale: 1 : 20



7 ROOM 127 MILLWORK - WEST ELEVATION
A7111 Scale: 1 : 20

CONSTRUCTION KEY NOTES	
NO	DESCRIPTION
E	CONSTRUCT NEW KITCHEN MILLWORK. REFER TO MILLWORK DETAILS 1/D1301, 2/D1301, 3/D1301, 4/D1301, 1/D1302, 2/D1302, 3/D1302, 4/1302, 5/D1302, 6/D1302, 8/D1302.

KITCHEN GENERAL NOTES	
NO	DESCRIPTION
1	REFER TO 1/D1301, 2/D1301 & 5/D1302 FOR ACCESSIBLE SINK DETAILS AND MOUNTING HEIGHT.
2	REFER TO 1/D1301, 2/D1301, 2/D1302 & 6/D1302 FOR DETAILS OF CABINETY WITH DRAWERS.
3	REFER TO 8/D1302 FOR TYP. BUILT-UP NOSING DOOR COUNTER TOP DETAILS.

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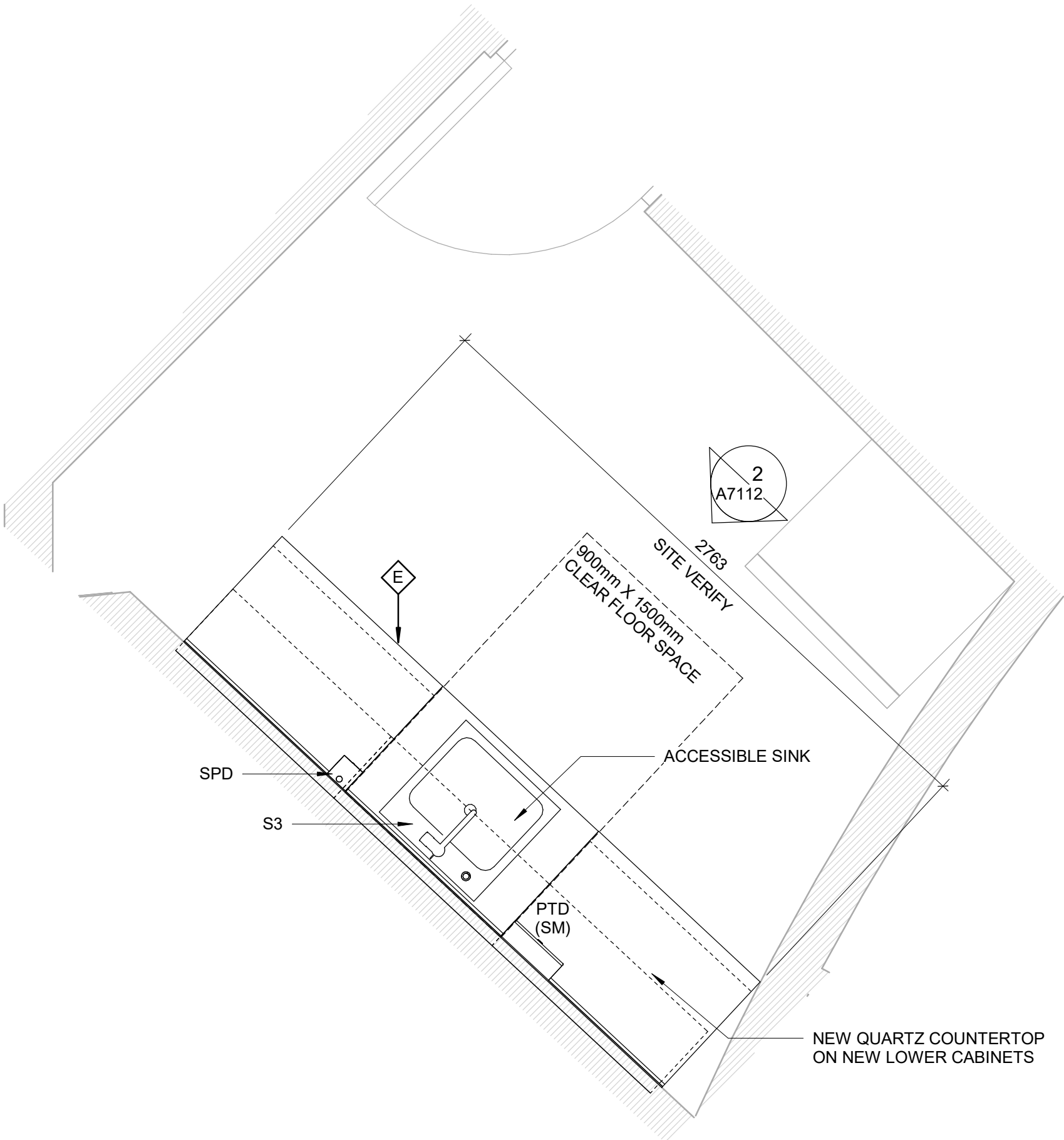
PROJECT TITLE
**CITY OF TORONTO
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PROJECT ADDRESS
**POLICE NO. 43 DIVISION &
EMS STATION NO.26
4331 LAWRENCE AVE E**

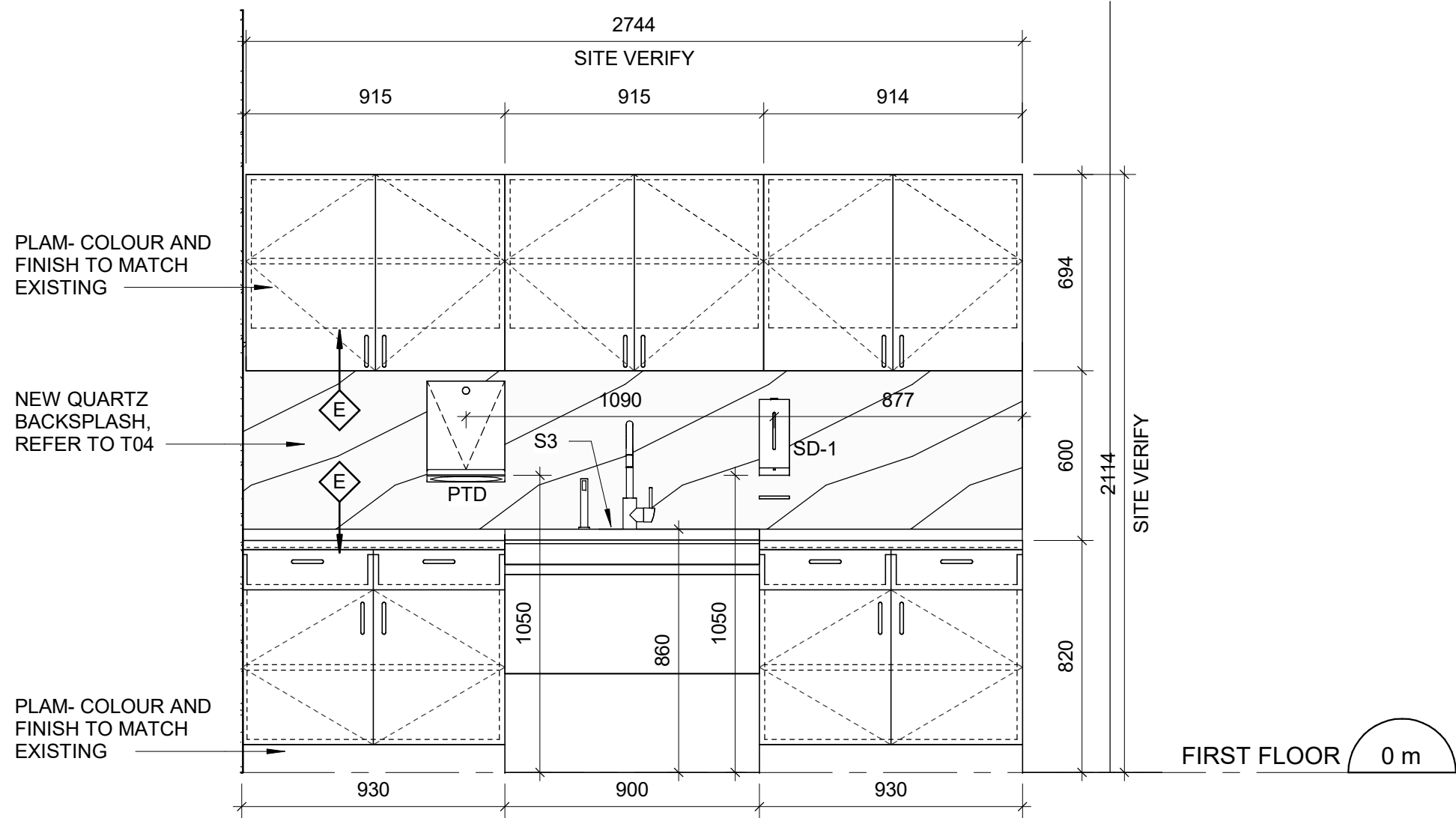
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CHECKED BY:
K. TILAHUN
PROJECT MGR:
L. SOSA
APPROVED BY:
M.KUO

SHEET TITLE
**KITCHEN MILLWORK
PLAN AND ELEVATIONS**
SHEET NUMBER
G03-231-A7111
ISSUE
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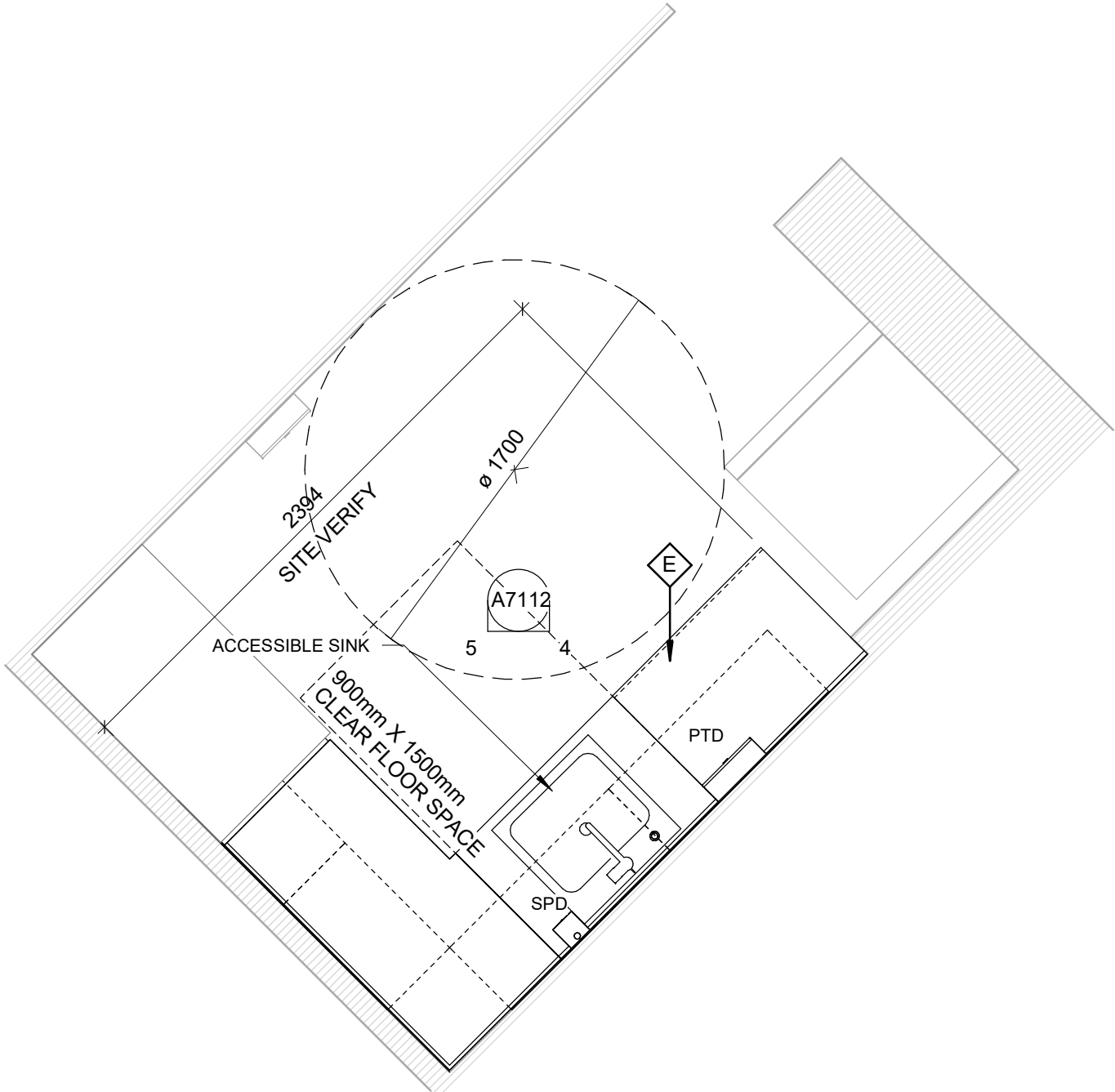
1 ROOM 105 - MILLWORK PLAN
A7112 Scale: 1 : 20



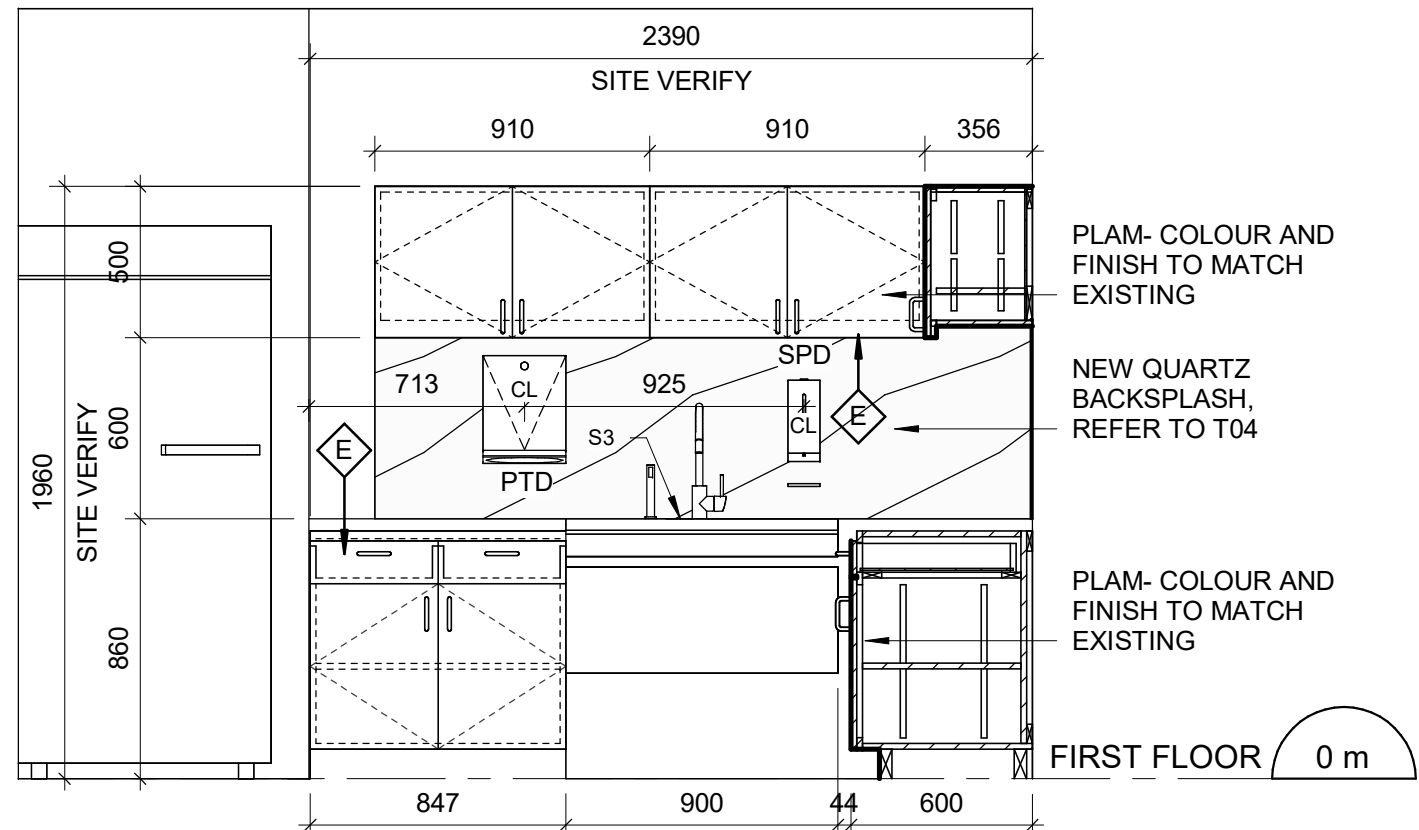
2 ROOM 105 - MILLWORK ELEVATION
A7112 Scale: 1 : 20



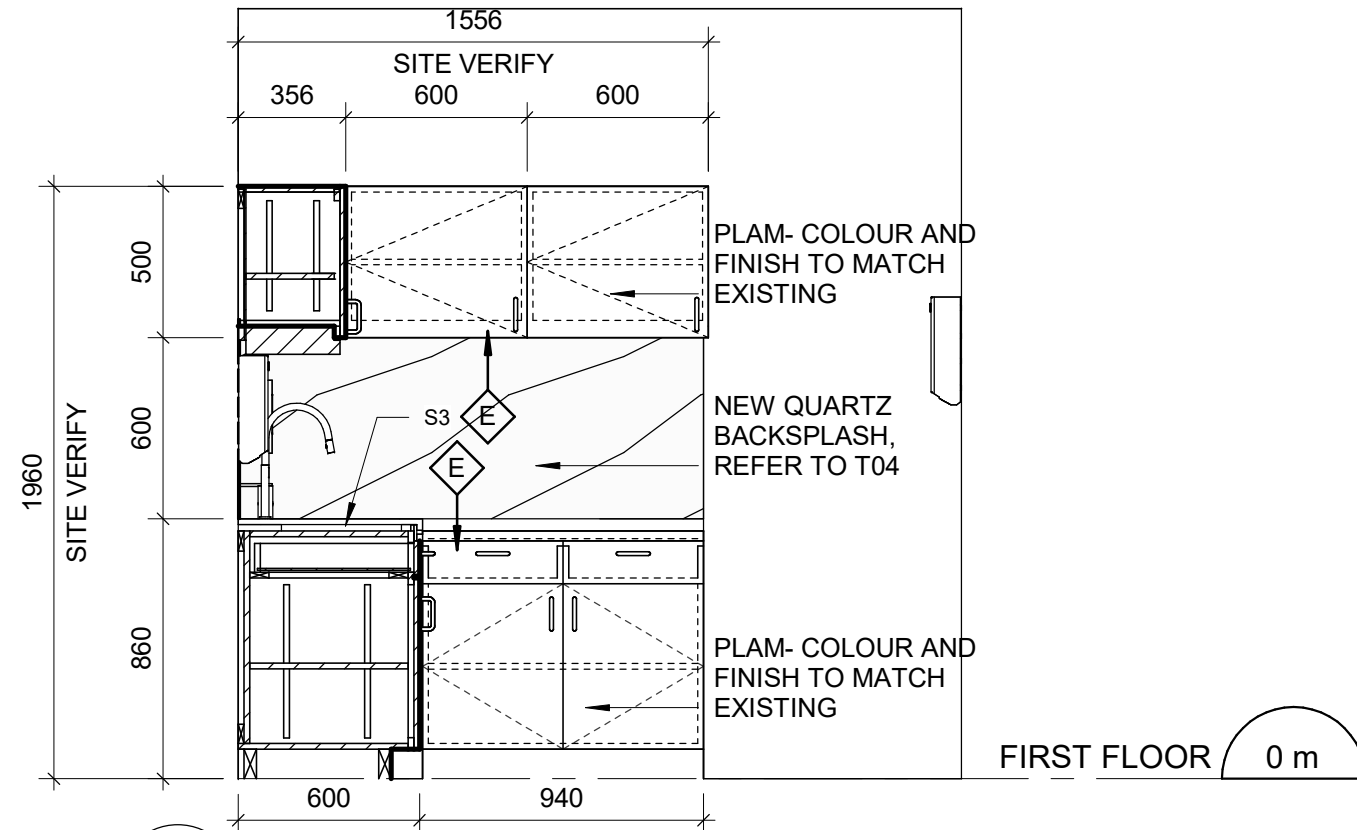
3 ROOM 108 - MILLWORK PLAN
A7112 Scale: 1 : 25



4 ROOM 108 - EAST MILLWORK ELEVATION
A7112 Scale: 1 : 25



5 ROOM 108 - WEST MILLWORK ELEVATION
A7112 Scale: 1 : 25



CONSTRUCTION KEY NOTES

NO	DESCRIPTION
E	CONSTRUCT NEW KITCHEN MILLWORK. REFER TO MILLWORK DETAILS 1/D1301, 2/D1301, 3/D1301, 4/D1301, 1/D1302, 2/D1302, 3/D1302, 4/1302, 5/D1302, 6/D1302, 8/D1302.

KITCHEN GENERAL NOTES

NO	DESCRIPTION
1	REFER TO 1/D1301, 2/D1301 & 5/D1302 FOR ACCESSIBLE SINK DETAILS AND MOUNTING HEIGHT.
2	REFER TO 1/D1301, 2/D1301, 2/D1302 & 6/D1302 FOR DETAILS OF CABINETRY WITH DRAWERS.
3	REFER TO 8/D1302 FOR TYP. BUILT-UP NOSING DOOR COUNTER TOP DETAILS.

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PROJECT TITLE

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PROJECT ADDRESS

**POLICE NO. 43 DIVISION &
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4331 LAWRENCE AVE E**

PROJECT NO:

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DRAWN BY:

J. FORTE

CHECKED BY:

K. TILAHUN

PROJECT MGR:

L. SOSA

APPROVED BY:

M. KUO

SHEET TITLE

**KITCHEN MILLWORK
PLAN AND ELEVATIONS**

SHEET NUMBER

G03-231-A7112

ISSUE

C

DOOR SCHEDULE																
DOOR NO.	ROOM NO.	DOOR				PANEL			FRAME		DOOR HARDWARE			FIRE RATING (MINUTES)	REMARKS	
		TYPE	WIDTH	HEIGHT	THICKNESS	MAT.	FIN.	GLASS	MAT.	FIN.	SECURITY ACCESS CONTROL DEVICE	BFPB	PANIC DEVICE			
FIRST FLOOR																
N-101a	101	NA	1067	2135	45	ALUM	ANOD	ITGL	ALUM	ANOD		YES		NA	NEW CURTAIN WALL PANEL - REFER TO ELEVATION (IN PROGRESS)	
N-101b	101	NA	1067	2135	45	ALUM	ANOD	ITGL	ALUM	ANOD		YES		NA	NEW CURTAIN WALL PANEL - REFER TO ELEVATION (IN PROGRESS)	
N-102	102	NA	1067	2150	45	ALUM	ANOD	TGL	ALUM	ANOD	YES	YES		NA	NEW CURTAIN WALL PANEL - REFER TO ELEVATION (IN PROGRESS)	
N-106	106	A	1067	2150	45	HM	PT3	<-->	HM	PT3		YES		NA		
N-107	107	A	1067	2150	45	HM	PT3	<-->	HM	PT3		YES		NA		
N-108a	108	NA	1067	2150	45	ALUM	ANOD	TGL	ALUM	ANOD		YES		NA	NEW CURTAIN WALL PANEL - REFER TO ELEVATION (IN PROGRESS)	
N-108b	108	A	1067	2150	45	HM	PT3	<-->	HM	PT3		YES		NA		
N-110	110	A	1067	2150	45	HM	PT3	<-->	HM	PT3		YES		NA	FOR GLAZED PANEL DIMENSIONS REFER TO DOOR ELEVATION (IN PROGRESS)	
N-111	111	A	1067	2150	45	HM	PT3	<-->	HM	PT3		YES		NA		
N-113	127	F	1067	2150	45	HM	PT3	TGL	HM	PT3		YES		NA		
N-116	116	A(L)	1067	2135	45	HM	PT3	<-->	HM	PT3		YES		NA		
N-117	117	A(L)	965	2135	45	HM	PT3	<-->	HM	PT3				NA		
N-119	ST-A	NA	1067	2150	45	HM	PT3	<-->	HM	PT3	YES	YES		45	FIRE-RATED GLASS, REFER TO DOOR ELEVATION (A5111)	
N-121	ST-A	NA	1067	2150	45	HM	PT3	<-->	HM	PT3		YES		45	FIRE-RATED GLASS, REFER TO DOOR ELEVATION (A5111)	
N-122	122	A(L)	1067	2135	45	HM	PT3	<-->	HM	PT3		YES		NA		
N-123	123	A(L)	1067	2135	45	HM	PT3	<-->	HM	PT3		YES		NA		
N-125	125	A(L)	1067	2135	45	HM	PT3	<-->	HM	PT3		YES		NA		
N-126	126	A(L)	1067	2135	45	HM	PT3	<-->	HM	PT3		YES		NA		
N-127	127	A	1067	2150	45	HM	PT3	<-->	HM	PT3			YES	NA	INSULATED DOOR	
N-155a	ST-B	C	1067	2150	45	HM	PT3	GWG	HM	PT3	YES	YES		45	FIRE-RATED GLASS, REFER TO DOOR ELEVATION (A5111)	
NE-101c	101	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST		YES		EXIST	NEW BFPB AT A COMPLIANT HEIGHT (MAX. 1050mm A.F.F.)	
NE-103	103	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST				EXIST	NEW BFPB, REFER TO HARDWARE SCHEDULE	
NE-153a	153	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST				EXIST	NEW HARDWARE, REFER TO HARDWARE SCHEDULE	
NE-153b	153	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	YES			EXIST	NEW HARDWARE, REFER TO HARDWARE SCHEDULE	
NE-155b	ST-B	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	YES	YES	YES	EXIST	NEW BFPB, REFER TO HARDWARE SCHEDULE	
SECOND FLOOR																
N-201	201	NA	965	2150	45	HM	PT3	<-->	HM	<-->		YES		NA	REFER TO DOOR ELEVATION (A5111)	
N-205	205	A	1067	2150	45	HM	PT3	<-->	HM	PT3		YES		NA		
N-208	208	A	1067	2150	45	HM	PT3	<-->	HM	PT3		YES		NA		
N-210	210	NA	1067	2150	45	ALUM	ANOD	TGL	ALUM	ANOD	YES	YES	YES	NA	FOR GLAZED PANEL DIMENSIONS REFER TO DOOR ELEVATION (A5111)	
N-212	212	A(L)	1067	2135	45	HM	PT3	<-->	HM	PT3		YES		NA		
N-213a	213	At	1067	2150	45	HM	PT3	<-->	HM	PT3		YES		NA	OVERALL OPENING HEIGHT 2470mm	
N-213b	213	At	1067	2150	45	HM	PT3	<-->	HM	PT3		YES		NA	OVERALL OPENING HEIGHT 2470mm	
N-221	221	A	1067	2150	45	HM	PT3	<-->	HM	PT3	YES	YES		NA		
N-224a	224	A	1067	2150	45	HM	PT3	<-->	HM	PT3		YES		NA		
N-224b	224	A	1067	2150	45	HM	PT3	<-->	HM	PT3		YES		NA		

ROOM FINISH SCHEDULE																
ROOM NUMBER	FLOOR		BASE		NORTH				EAST				WEST			
	MAT.	FIN.	MAT.	FIN.	MAT.	FIN.			MAT.	FIN.			MAT.	FIN.	MAT.	FIN.
FIRST FLOOR																
115	EXIST	EXIST	EXIST		EXIST	EXIST			EXIST	EXIST			EXIST	EXIST	EXIST/GB	PT-3
116	EXIST	PFT-1	EXIST		EXIST	CWT-1, CWT-3, CWT-4			EXIST,GB	CWT-1, CWT-3, CWT-4			GB	CWT-1, CWT-3, CWT-4	EXIST	CWT-1, CWT-3, CWT-4
117	EXIST	PFT-1	EXIST		GB	CWT-1, CWT-3, CWT-4			EXIST,GB	CWT-1, CWT-3, CWT-4			EXIST	CWT-1, CWT-3, CWT-4	EXIST	CWT-1, CWT-3, CWT-4
123	EXIST	PFT-1	EXIST		EXIST	CWT-1, CWT-3, CWT-4			EXIST	CWT-1, CWT-3, CWT-4			EXIST	CWT-1, CWT-3, CWT-4	EXIST	CWT-1, CWT-3, CWT-4
126	EXIST	PFT-1	EXIST		EXIST	CWT-1, CWT-3, CWT-4			EXIST	CWT-1, CWT-3, CWT-4			EXIST	CWT-1, CWT-3, CWT-4	EXIST	CWT-1, CWT-3, CWT-4
143	EXIST	CS-1, CS-2	EXIST		EXIST/CMU	PT-3			EXIST	CWT-1, CWT-3, CWT-4			EXIST	CWT-1, CWT-3, CWT-4	EXIST/CMU	PT-3
SECOND FLOOR																
212	EXIST	PFT-1	EXIST		EXIST	CWT-1, CWT-3, CWT-4			EXIST,GB	CWT-1, CWT-3, CWT-4			EXIST	CWT-1, CWT-3, CWT-4	EXIS, GB	CWT-1, CWT-3, CWT-4

ROOM FINISH KEY SCHEDULE							
ABBRV	MATERIAL	COLOUR	FINISH	SIZE	REF	SUPPLIER	NOTES
CS -1	CONCRETE SEALER (BELLATRIX)	MATCH EXISTING	NON-SLIP FINISH	N/A		W.R.MEADOWS	
CS -2	CONCRETE SEALER (DECRA-SEAL)	COLOURLESS	NON-SLIP FINISH	N/A		W.R.MEADOWS	
CWT-2	CERAMIC WALL TILE	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	GC TO PROVIDE SAMPLE FOR APPROVAL. TILE ENTIRE WALL AREA AS INDICATED IN DRAWINGS AND IN ROOM FINISH SCHEDULE.
CWT-3	CERAMIC WALL TILE	TAUPE	MATTE	100mm X 400mm (4"X16")	COLOUR AND DIMENSIONS SERIES	OLYMPIA TILE	ACCENT SHOWER TILE
CWT-4	CERAMIC WALL TILE	DARK GREY	MATTE	100mm X 400mm (4"X16")	COLOUR AND DIMENSIONS SERIES	OLYMPIA TILE	ACCENT SHOWER TILE
EWf-1	ENGINEERED WOOD FLOORING	RED OAK	COLORADO COMMERCIAL FINISH	3/8"		MIRAGE	
MAT-1	ANTI FATIGUE MATTING	EC20	SILVER	1000mm X 1800mm (40"X72")		FORBO	REQUEST NON-BEVELED EDGES
PFT-1	PORCELAIN FLOOR TILE	MICA	MATTE	300mm X 300 mm(12"X12")		D9/EMOTION	WASHROOM FLOORS
PFT-2	PORCELAIN FLOOR TILE	MID GREY UNGLAZ	MATTE	50mm X 50mm (2"X2")	MEETS DCOF	STONE TILE	SHOWER FLOOR TILE
PFT-3	PORCELAIN FLOOR TILE	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	GC TO PROVIDE SAMPLE FOR APPROVAL. TILE ENTIRE FLOOR AREA AS INDICATED IN DRAWINGS AND IN ROOM FINISH SCHEDULE.
PLAM-1	PLASTIC LAMINATE	SEA D90	N/A	AS SPECIFIED IN DRAWINGS		WILSONART NORTH	CABINET MILWORKS LOWERS
PLAM-2	PLASTIC LAMINATE	ALABASTER D431	N/A	AS SPECIFIED IN DRAWINGS		WILSONART	CABINET MILWORKS UPPERS
PLAM-3	PLASTIC LAMINATE	SAND MAPLE	MATTE	MATCH EXISTING		FORMICA	UPPER AND LOWR CABINETS KITCHEN 111 AND 203
PLAM-4	PLASTIC LAMINATE	STORM	MATTE	MATCH EXISTING		FORMICA	UPPER AND LOWR CABINETS KITCHEN 127
PT-1	PAINT	7004 SNOWBOUND	EGGSHELL	N/A		SHERWIN WILLIAMS SW	CEILING GC TO PROVIDE SAMPLE ON 12"X12" CARD FOR APPROVAL. PAINT ENTIRE WALL OR CEILING AS SPECIFIED IN ROOM FINISH SCHEDULE.
PT-2	PAINT	OC-64 PURE WHITE	FLAT	N/A		BENJAMIN MOORE	
PT-3	PAINT	MATCH EXISTING PAINT	TBD	N/A		BENJAMIN MOORE	
PT-4	PAINT	EBONY SLATE 2118-30	EGGSHELL	N/A		BENJAMIN MOORE	
Q-1	QUARTZ	5151 EMPIRE WHITE	N/A	AS SPECIFIED IN DRAWINGS	SUPERNATURAL COLLECTION	CAESARSTONE	FOR BACKSPLASH AND COUNTERTOPS

DOOR SCHEDULE GENERAL NOTES	
1	DOOR HEIGHT IS FOR INFO ONLY DOOR HEIGHT TO MATCH EXISTING DOOR HEIGHT AND IS TO BE SITE MEASURED.
2	REFER TO ELECTRICAL DRAWINGS FOR DOOR CARD READER LOCATION ON EXISTING DOORS.
3	REFER TO DOOR HARDWARE SCHEDULE AND TO THE SPECIFICATIONS FOR A COMPLETE SET OF DOOR HARDWARE.

ABBREVIATIONS	
* ALUM BFAO BFPB BFWO CR EXIST FBM GB GWG HM HMM ITGL KP OBM PF PLAM PT SIM SS TGL WD	DENOTES YES ALUMINUM ANODIZED BARRIER-FREE AUTOMATIC OPENER BARRIER-FREE PUSH BUTTON BARRIER-FREE WAVE TO OPEN CARD READER EXISTING FINGER BIOMETRIC GYPSUM BOARD GEORGIAN WIRE GLASS HOLLOW METAL INSULATED HOLLOW METAL INSULATED TEMPERED (SAFETY) GLASS KEY PAD OCULAR BIOMETRIC PRE FINISHED PLASTIC LAMINATE PAINT SIMILAR STAINLESS STEEL TEMPERED GLASS WOOD

CLIENT

CITY OF TORONTO



Corporate Real Estate Management
Project Management Office
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ISSUES		
No.	DESCRIPTION	DATE
A	50% SUBMISSION	2022-05-11
B	90% SUBMISSION	2022-08-15
C	ISSUED FOR PERMIT	2022-08-15
D	ISSUED FOR TENDER	2025-04-29

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PROJECT TITLE
CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS
POLICE NO. 43 DIVISION &
EMS STATION NO.26
4331 LAWRENCE AVE E

PROJECT NO:
9119-19-0162 / Arcadis 30279056

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CHECKED BY:
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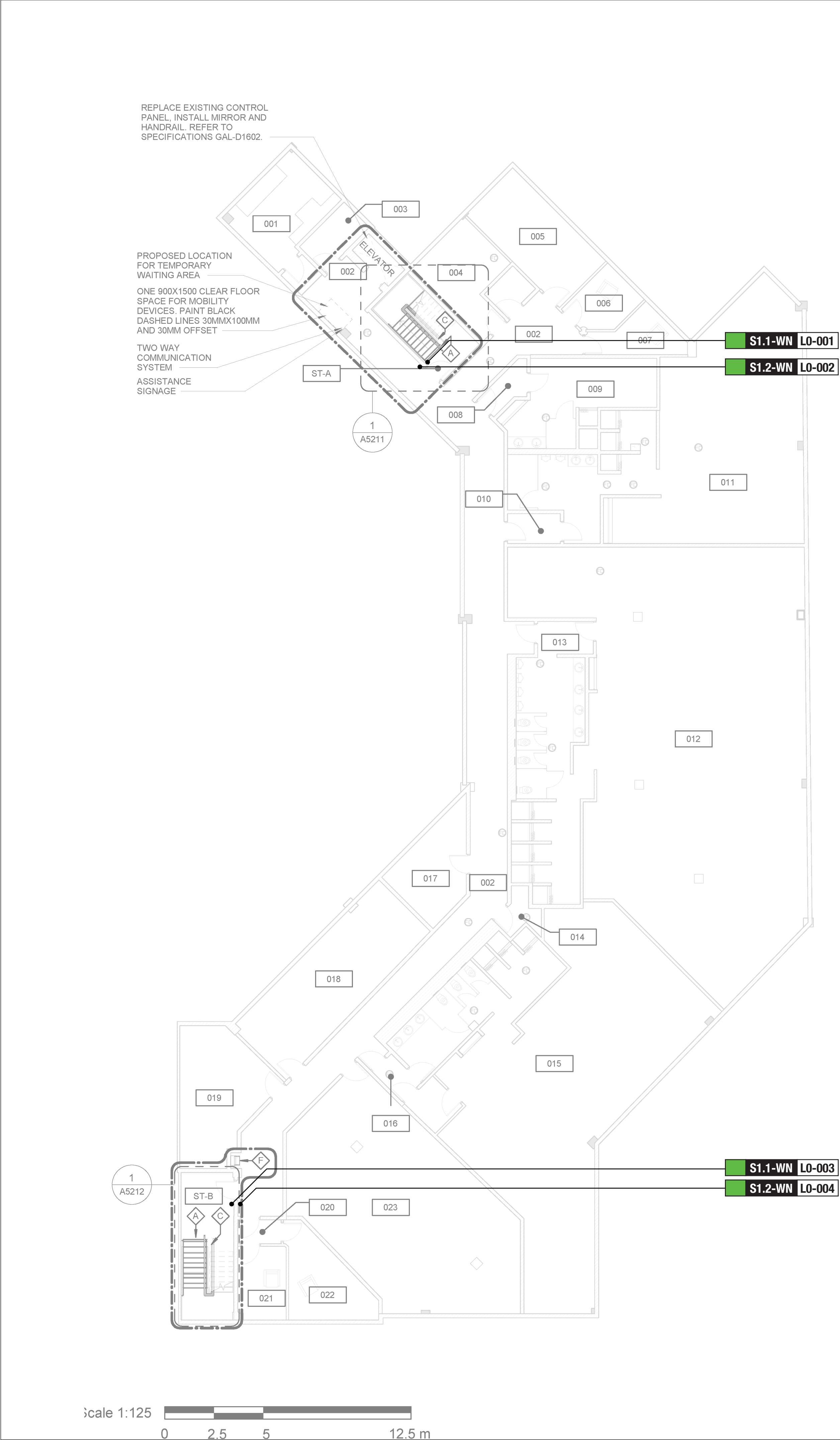
PROJECT MGR:
L. SOSA

APPROVED BY:
M. KUO

SHEET TITLE
DOOR AND ROOM
FINISH SCHEDULES

SHEET NUMBER
G03-231-A9001

ISSUE
D



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 NEW DOOR CARD READER AND BARRIER FREE PUSH BUTTON - REFER TO ELECTRICAL DRAWINGS. FOR LOCATION AND HEIGHT INSTALLATION REFER TO ARCHITECTURAL DETAIL BOOKLET.

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

CONSTRUCTION KEY NOTES

NO	DESCRIPTION
A	INSTALL TACTILE ATTENTION INDICATOR AND TACTILE WARNING STRIP - REFER TO TYPICAL DETAILS 1/D1402 AND 1/D1405.
C	INSTALL NEW GUARDRAIL AND HANDRAIL ON STEEL STAIR - REFER TO TYPICAL DETAILS 2/D1401, 5/D1401, 1/D1403.
F	INSTALL DRINKING FOUNTAIN - REFER TO DETAIL 5/D1301, 6/1301.

SIGN TAG LEGEND

Signtype Colour

Signtype

EX Exterior
L0 Basement
L1 Level 1
L2 Level 2
L3 Level 3

Specific Sign Location

A1.1-WN L1-000

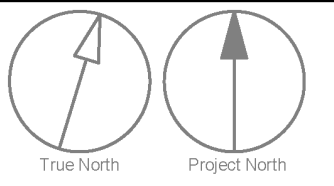
Powered:
Y Yes
N No
D Data

Mounting Style:
P Projecting
S Suspended
F Freestanding
W Wall-mounted

G Glass
C Column
D Door
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



CLIENT

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ISSUES

No.	DESCRIPTION	DATE
A	90% SUBMISSION	2022-08-15

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PROJECT ADDRESS

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PROJECT MGR:
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APPROVED BY:

SHEET TITLE

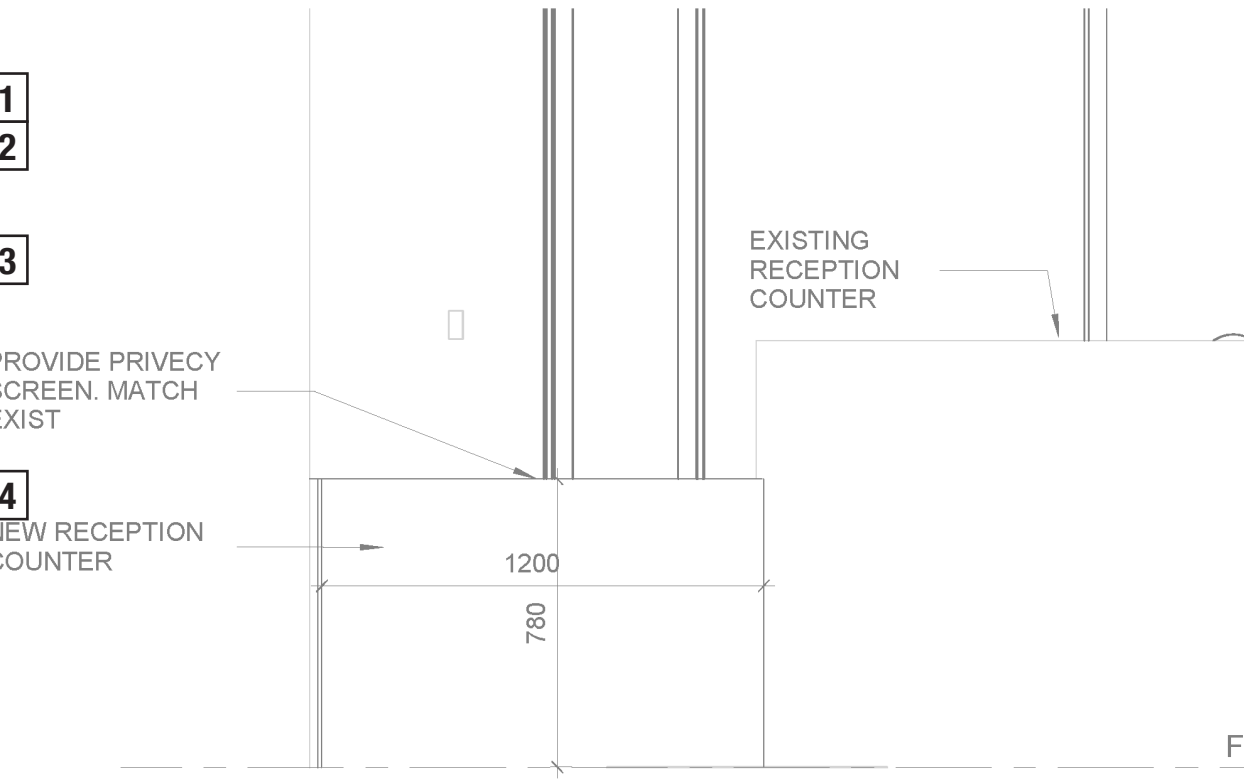
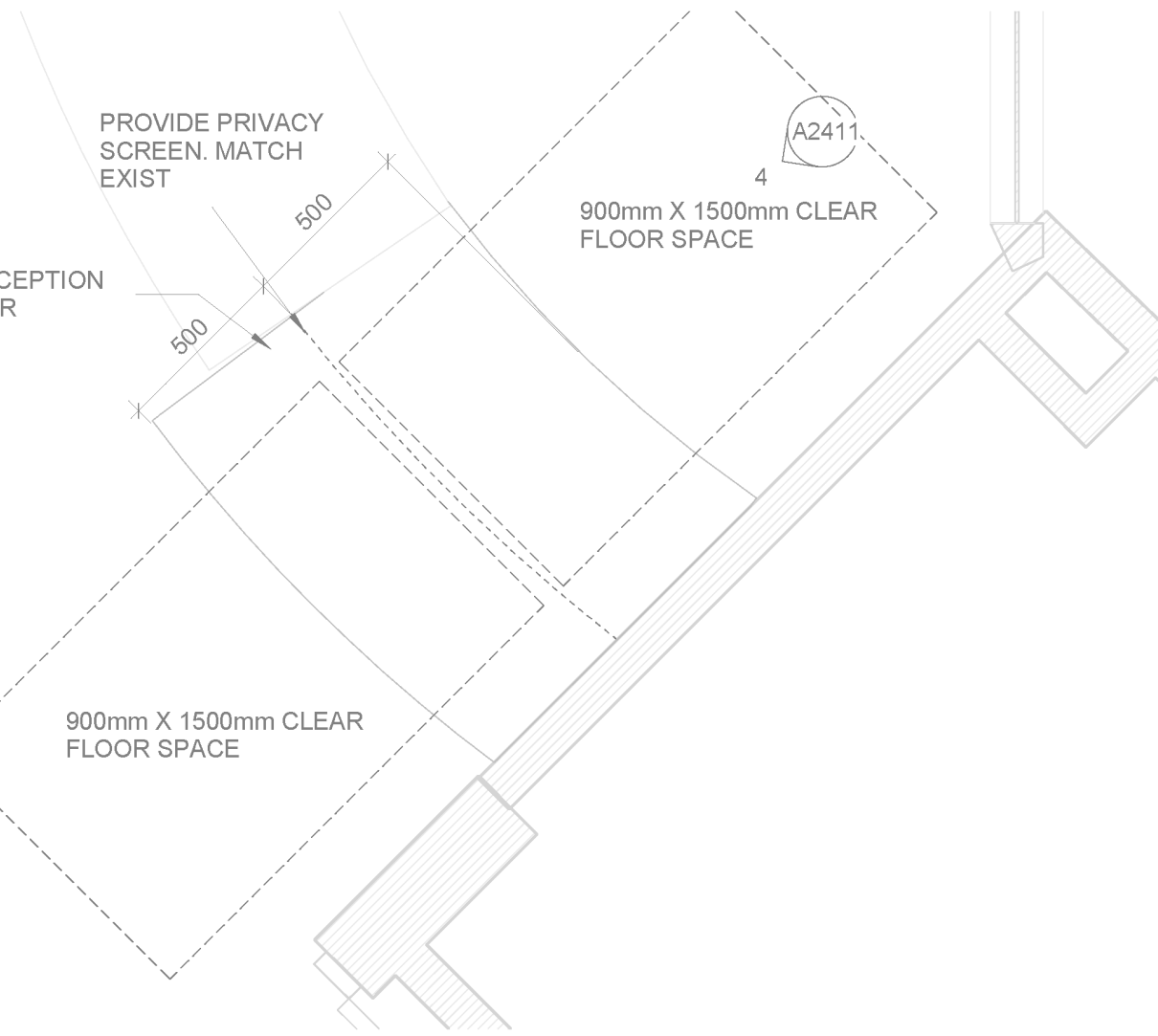
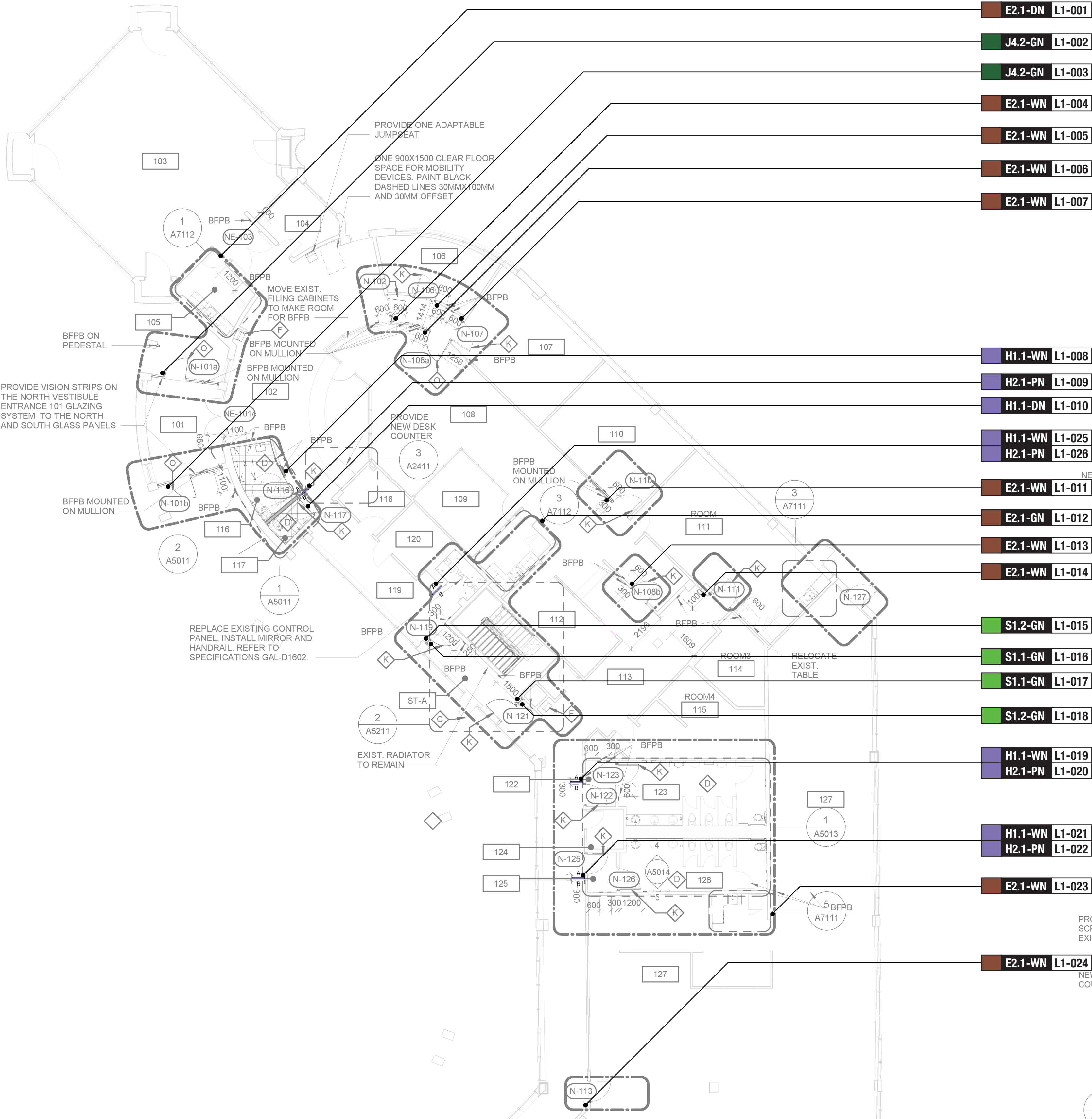
SIGNAGE & WAYFINDING
DETAILS
BASEMENT LOCATION PLAN

SHEET NUMBER

G01-231-A8000

ISSUE

A



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 NEW DOOR CARD READER AND BARRIER FREE PUSH BUTTON - REFER TO ELECTRICAL DRAWINGS, FOR LOCATION AND HEIGHT INSTALLATION REFER TO ARCHITECTURAL DETAIL BOOKLET.
- 2 REPAINT ENTIRE WALL AFTER WALL-MOUNTED HANDRAIL REPLACEMENT - UNLESS OTHERWISE NOTED. COLOUR AND FINISH TO MATCH EXISTING

CONSTRUCTION KEY NOTES

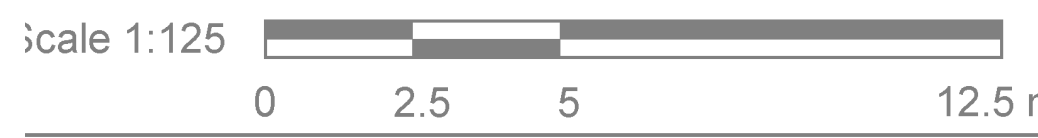
NO	DESCRIPTION
C	INSTALL NEW GUARDRAIL AND HANDRAIL ON STEEL STAIR - REFER TO TYPICAL DETAILS 2/D1401, 5/D1401, 1/D1403.
D	INSTALL NEW WASHROOM ACCESSORIES - REFER TO DETAILS 1/D1201, 2/D1201, 3/D1201, 4/D1201, 5/D1201.
F	INSTALL NEW DRINKING FOUNTAIN - REFER TO DETAIL 5/D1301, 6/D1301.
K	INSTALL NEW DOOR AND FRAME. REFER TO DOOR SCHEDULE A9001, G0004 AND DOOR HARDWARE SCHEDULE IN THE SPECIFICATIONS.
O	INSTALL NEW CURTAIN WALL FRAMING TO MATCH EXISTING, WITH NEW DOOR PER SPECIFIED WIDTH AND HEIGHT. REFER TO DOOR SCHEDULE A9001 AND DOOR HARDWARE SCHEDULE IN THE SPECIFICATIONS.

SIGN TAG LEGEND

Signtype Colour	Signtype	EX Exterior	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, S Suspended, F Freestanding, W Wall-mounted							
G Glass, C Column, D Door, 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



CLIENT

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ISSUES

No.	DESCRIPTION	DATE
A	90% SUBMISSION	2022-08-15

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PROJECT TITLE

**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

**POLICE NO. 43 DIVISION
& EMS STATION NO. 26
4331 LAWRENCE AVE E**

PROJECT NO:
9119 - 19 - 0162 / Arcadis 30279056

DRAWN BY:
M.LOW

CHECKED BY:
C.D. SCHNOBB

PROJECT MGR:
R. DALY

APPROVED BY:

SHEET TITLE

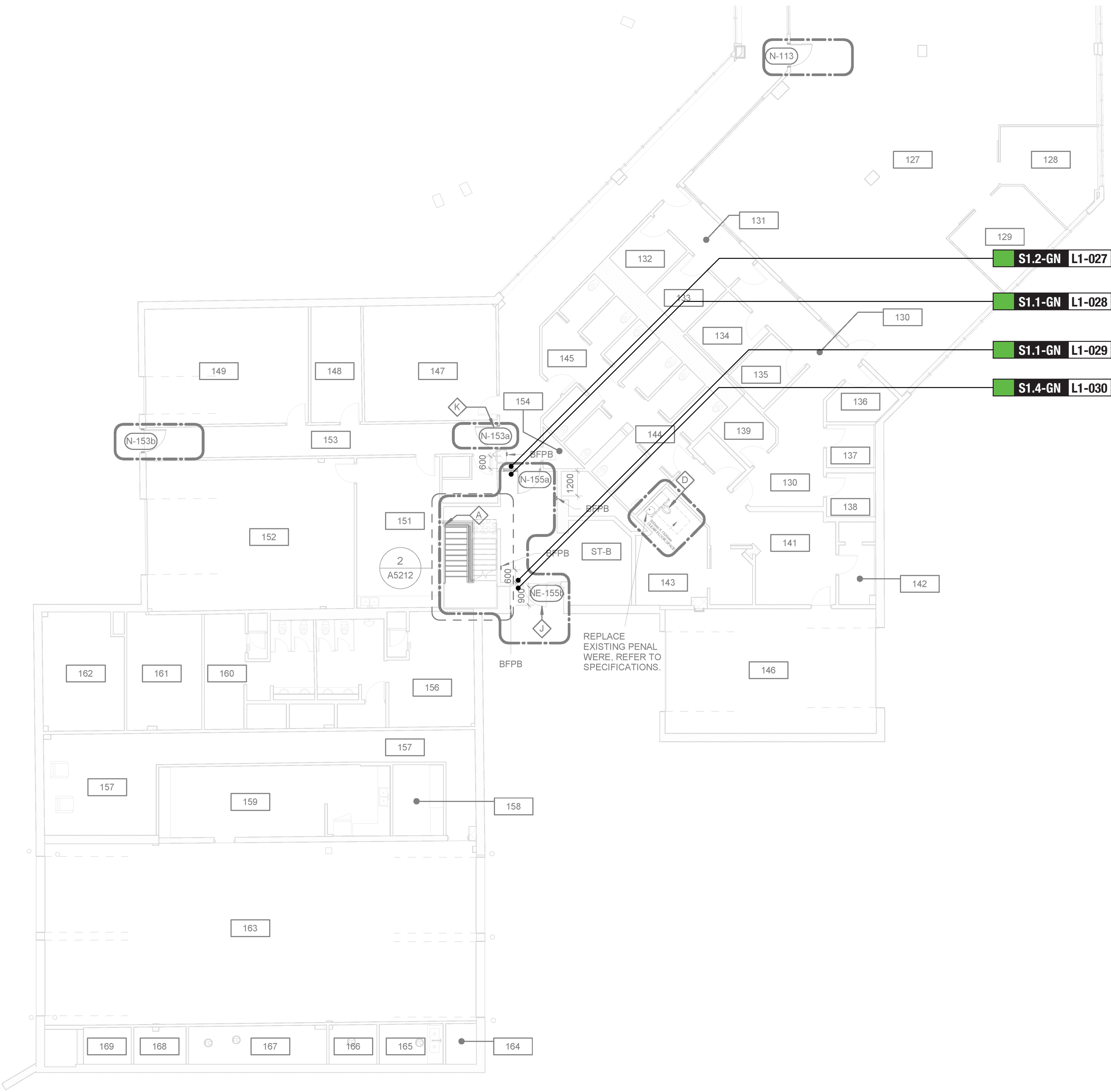
**SIGNAGE & WAYFINDING
DETAILS
LEVEL 1 NORTH LOCATION PLAN**

SHEET NUMBER

G01-231-A8010

ISSUE

A



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

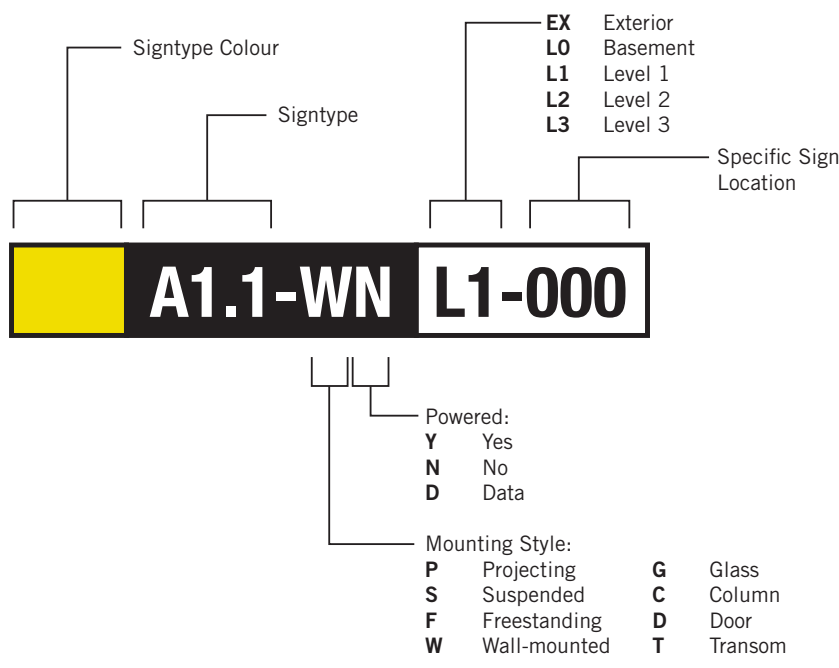
CONSTRUCTION GENERAL NOTES

- NEW DOOR CARD READER AND BARRIER FREE PUSH BUTTON - REFER TO ELECTRICAL DRAWINGS. FOR LOCATION AND HEIGHT INSTALLATION REFER TO ARCHITECTURAL DETAIL BOOKLET.
- REPAINT ENTIRE WALL AFTER WALL-MOUNTED HANDRAIL REPLACEMENT - UNLESS OTHERWISE NOTED. COLOUR AND FINISH TO MATCH EXISTING

CONSTRUCTION KEY NOTES

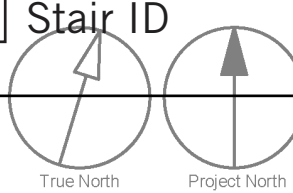
NO	DESCRIPTION
A	INSTALL TACTILE ATTENTION INDICATOR AND TACTILE WARNING STRIP - REFER TO TYPICAL DETAILS 1/D1402 AND 1/D1405.
D	INSTALL NEW WASHROOM ACCESSORIES - REFER TO DETAILS 1/D1201, 2/D1201, 3/D1201, 4/D1201, 5/D1201.
J	EXISTING DOOR TO REMAIN. DOOR HARDWARE TO BE CHANGED AS PER DOOR SCHEDULE ON A9001 AND DOOR HARDWARE SCHEDULE IN THE SPECIFICATIONS.
K	INSTALL NEW DOOR AND FRAME. REFER TO DOOR SCHEDULE A9001, G0004 AND DOOR HARDWARE SCHEDULE IN THE SPECIFICATIONS.

SIGN TAG LEGEND



SIGN TAG LEGEND

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



Scale 1:125
0 2.5 5 12.5 m

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No.	DESCRIPTION	DATE
A	90% SUBMISSION	2022-08-15

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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

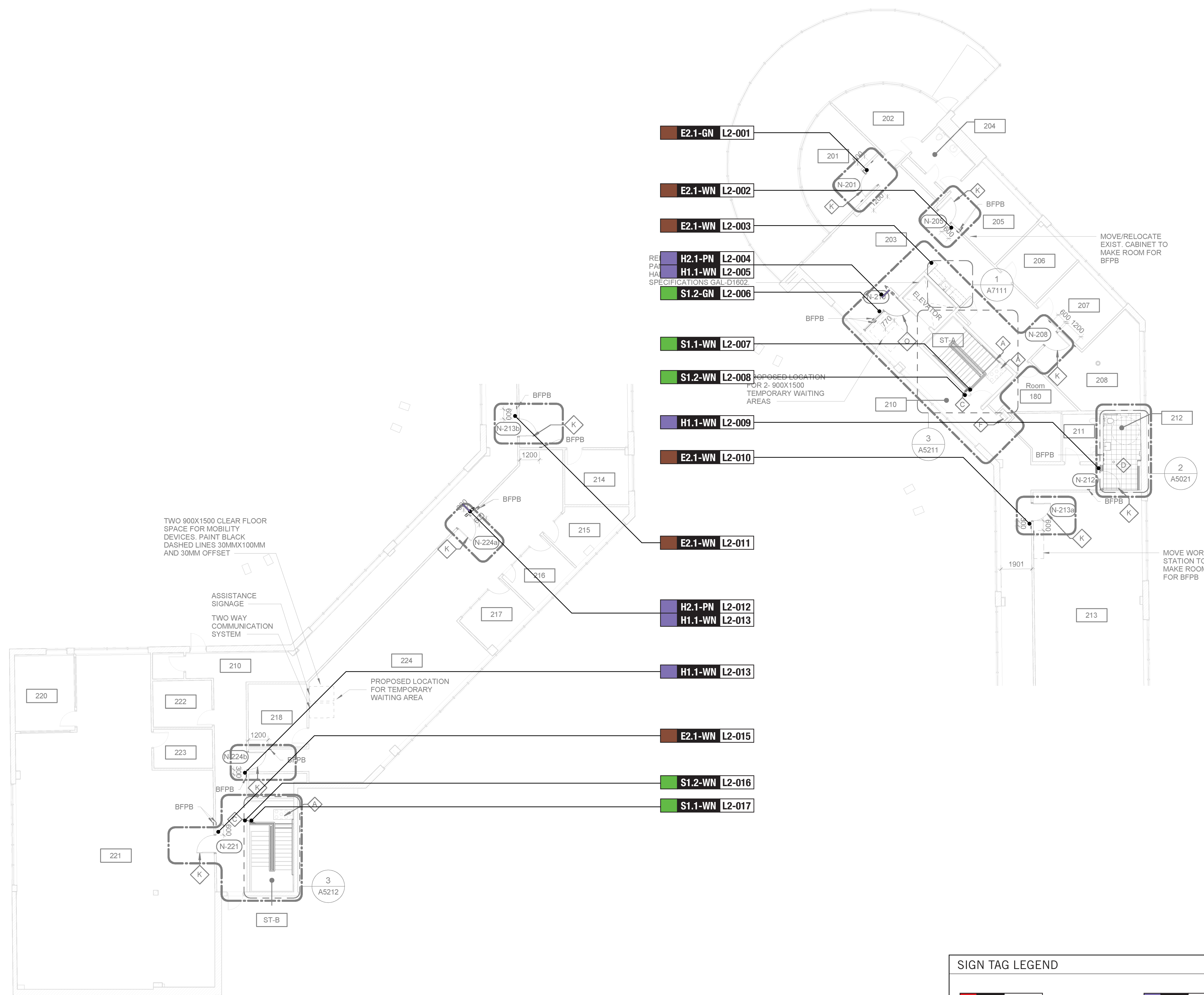
PROJECT ADDRESS
**POLICE NO. 43 DIVISION
& EMS STATION NO. 26
4331 LAWRENCE AVE E**

PROJECT NO:
9119 - 19 - 0162 / Arcadis 30279056

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

SHEET TITLE
**SIGNAGE & WAYFINDING
DETAILS
LEVEL 1 SOUTH LOCATION PLAN**

SHEET NUMBER
G01-231-A8011
ISSUE
A



1 SECOND FLOOR-PROPOSED PLAN SOUTH SIDE
Scale: 1 : 125

2 SECOND FLOOR-PROPOSED PLAN NORTH SIDE
Scale: 1 : 125

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 NEW DOOR CARD READER AND BARRIER FREE PUSH BUTTON - REFER TO ELECTRICAL DRAWINGS, FOR LOCATION AND HEIGHT INSTALLATION REFER TO ARCHITECTURAL DETAIL BOOKLET.
- 2 REPAINT ENTIRE WALL AFTER WALL-MOUNTED HANDRAIL REPLACEMENT - UNLESS OTHERWISE NOTED. COLOUR AND FINISH TO MATCH EXISTING

CONSTRUCTION KEY NOTES

NO	DESCRIPTION
A	INSTALL TACTILE ATTENTION INDICATOR AND TACTILE WARNING STRIP - REFER TO TYPICAL DETAILS 1/D1402 AND 1/D1405.
C	INSTALL NEW GUARDRAIL AND HANDRAIL ON STEEL STAIR - REFER TO TYPICAL DETAILS 2/D1401, 5/D1401, 1/D1403.
D	INSTALL NEW WASHROOM ACCESSORIES - REFER TO DETAILS 1/D1201, 2/D1201, 3/D1201, 4/D1201, 5/D1201.
F	INSTALL DRINKING FOUNTAIN - REFER TO DETAIL 5/D1301, 6/1301.
K	INSTALL NEW DOOR AND FRAME, REFER TO DOOR SCHEDULE A9001, G0004 AND DOOR HARDWARE SCHEDULE IN THE SPECIFICATIONS.
O	INSTALL NEW CURTAIN WALL FRAMING TO MATCH EXISTING, WITH NEW DOOR PER SPECIFIED WIDTH AND HEIGHT. REFER TO DOOR SCHEDULE A9001 AND DOOR HARDWARE SCHEDULE IN THE SPECIFICATIONS.

SIGN TAG LEGEND

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

SIGN TAG LEGEND

Directional	Amenity	Inside Stair ID
Entrance	Entrance	Stair ID

CLIENT

CITY OF TORONTO

55 John ST.
TORONTO, ON
M5V 3C6

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ISSUES

No.	DESCRIPTION	DATE
A	90% SUBMISSION	2022-08-15

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PROJECT TITLE

**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

**POLICE NO. 43 DIVISION
& EMS STATION NO. 26
4331 LAWRENCE AVE E**

PROJECT NO:
9119 - 19 - 0162 / Arcadis 30279056

DRAWN BY:
M.LOW

CHECKED BY:
C.D. SCHNOBB

PROJECT MGR:
R. DALY

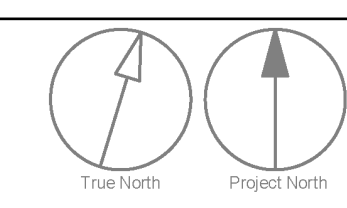
APPROVED BY:

SHEET TITLE

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

SHEET NUMBER
G01-231-A8020

ISSUE
A



KEYPLAN

B

L1

SIGN CODE	LEVEL	LOC #	SIGN TYPE DESCRIPTION	SIDE A	SIDE B	STATUS	REV. DATE
				MESSAGE (English)	MESSAGE (English)		
S1.1	B	001	Stair ID - Inside Stairwell	Floor B Braille Stairwell A TBD Braille			
S1.2	B	002	Stair ID - Corridor Side	[stairs picto] Floor B Braille Stairwell A TBD Braille			
S1.1	B	003	Stair ID - Inside Stairwell	Floor B Braille Stairwell B TBD Braille			
S1.2	B	004	Stair ID - Corridor Side	[stairs picto] Floor B Braille Stairwell B TBD Braille			
E2.1	L1	001	Room ID	TBD Braille			
J4.2	L1	002	Accessible Entrance ID - Exterior	[accessible picto] Main Entrance Braille			
J4.2	L1	003	Accessible Entrance ID - Exterior	[accessible picto] Main Entrance Braille			
E2.1	L1	004	Room ID	TBD Braille			
E2.1	L1	005	Room ID	TBD Braille			
E2.1	L1	006	Room ID	TBD Braille			
E2.1	L1	007	Room ID	Kitchen Braille			
H1.1	L1	008	Amenity ID	[accessible universal washroom picto] Washroom Braille			
H2.1	L1	009	Projecting Amenity ID	[accessible universal washroom picto]	[accessible universal washroom picto]		
H1.1	L1	010	Amenity ID	[universal washroom picto] Washroom Braille			
E2.1	L1	011	Room ID	TBD Braille			
E2.1	L1	012	Room ID	Kitchen Braille			
E2.1	L1	013	Room ID	TBD Braille			

SIGN TYPE	SIGN TYPE DESCRIPTION	COUNT
B1.1	Directional	0
E2.1	Room ID	17
E2.2	Line Room ID	0
E4	Insert Holder	0
H1.1	Amenity ID	9
H2.1	Projecting Amenity ID	6
J4.2	Accessible Entrance ID - Exterior	3
S1.1	Stair ID - Inside Stairwell	8
S1.2	Stair ID - Corridor Side	8
S1.3	Stair ID - Roof Exit, Inside Stairwell	0
S1.4	Stair ID - Exterior Door	0
Total		51

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PROJECT TITLE
CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS
POLICE NO. 43 DIVISION
& EMS STATION NO. 26
4331 LAWRENCE AVE E

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
MESSAGE SCHEDULE

SHEET NUMBER G01-356-A8100	ISSUE A
--------------------------------------	-------------------

KEYPLAN

SIGN CODE	LEVEL	LOC #	SIGN TYPE DESCRIPTION	SIDE A	SIDE B	STATUS	REV. DATE
				MESSAGE (English)	MESSAGE (English)		
E2.1	L1	014	Room ID	Kitchen Braille			
S1.2	L1	015	Stair ID - Corridor Side	[stairs picto] Floor 1 Braille Stairwell A TBD Braille			
S1.1	L1	016	Stair ID - Inside Stairwell	Floor 1 Braille Stairwell A TBD Braille			
S1.1	L1	017	Stair ID - Inside Stairwell	Floor 1 Braille Stairwell A TBD Braille			
S1.2	L1	018	Stair ID - Corridor Side	[stairs picto] Floor 1 Braille Stairwell A TBD Braille			
H1.1	L1	019	Amenity ID	[accessible man picto] Men Braille			
H2.1	L1	020	Projecting Amenity ID	[accessible man picto]	[accessible man picto]		
H1.1	L1	021	Amenity ID	[accessible woman picto] Women Braille			
H2.1	L1	022	Projecting Amenity ID	[accessible woman picto]	[accessible woman picto]		
E2.1	L1	023	Room ID	Kitchen Braille			
E2.1	L1	024	Room ID	TBD Braille			
H1.1	L1	025	Amenity ID	[elevator picto] Elevator Braille			
H2.1	L1	026	Projecting Amenity ID	[elevator picto]	[elevator picto]		
S1.2	L1	027	Stair ID - Corridor Side	[stairs picto] Floor 1 Braille Stairwell B TBD Braille			
S1.1	L1	028	Stair ID - Inside Stairwell	Floor 1 Braille Stairwell B TBD Braille			

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No.	DESCRIPTION	DATE
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PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

POLICE NO. 43 DIVISION
& EMS STATION NO. 26
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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
MESSAGE SCHEDULE

SHEET NUMBER	ISSUE
G01-356-A8101	A

KEYPLAN

L2

SIGN CODE	LEVEL	LOC #	SIGN TYPE DESCRIPTION	SIDE A	SIDE B	STATUS	REV. DATE
				MESSAGE (English)	MESSAGE (English)		
S1.1	L1	029	Stair ID - Inside Stairwell	Floor 1 Braille Stairwell B TBD Braille			
J4.2	L1	030	Accessible Entrance ID - Exterior	[accessible picto] South Entrance Braille			
E2.1	L2	001	Room ID	TBD Braille			
E2.1	L2	002	Room ID	TBD Braille			
E2.1	L2	003	Room ID	Kitchen Braille			
H2.1	L2	004	Projecting Amenity ID	[elevator picto]	[elevator picto]		
H1.1	L2	005	Amenity ID	[elevator picto] Elevator Braille			
S1.2	L2	006	Stair ID - Corridor Side	[stairs picto] Floor 2 Braille Stairwell A TBD Braille			
S1.1	L2	007	Stair ID - Inside Stairwell	Floor 2 Braille Stairwell A TBD Braille			
S1.2	L2	008	Stair ID - Corridor Side	[stairs picto] Floor 2 Braille Stairwell A TBD Braille			
H1.1	L2	009	Amenity ID	[accessible universal washroom picto] Washroom Braille			
E2.1	L2	010	Room ID	TBD Braille			
E2.1	L2	011	Room ID	TBD Braille			
H2.1	L2	012	Projecting Amenity ID	[temporary waiting area picto]	[temporary waiting area picto]		
H1.1	L2	013	Amenity ID	[temporary waiting area picto] Temporary Waiting Area Braille			
H1.1	L2	014	Amenity ID	[temporary waiting area picto] Temporary Waiting Area Braille			
E2.1	L2	015	Room ID	TBD Braille			

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No.	DESCRIPTION	DATE
A	90% SUBMISSION	2022-08-15

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PROJECT TITLE
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PROJECT ADDRESS
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& EMS STATION NO. 26
4331 LAWRENCE AVE E

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
MESSAGE SCHEDULE

SHEET NUMBER G01-356-A8102	ISSUE A
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KEYPLAN

SIGN CODE	LEVEL	LOC #	SIGN TYPE DESCRIPTION	SIDE A	SIDE B	STATUS	REV. DATE
				MESSAGE (English)	MESSAGE (English)		
S1.2	L2	016	Stair ID - Corridor Side	[stairs picto] Floor 2 Braille Stairwell B TBD Braille			
S1.1	L2	017	Stair ID - Inside Stairwell	Floor 2 Braille Stairwell B TBD Braille			

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ISSUES		
No.	DESCRIPTION	DATE
A	90% SUBMISSION	2022-08-15

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PROJECT TITLE
CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS
POLICE NO. 43 DIVISION
& EMS STATION NO. 26
4331 LAWRENCE AVE E

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
MESSAGE SCHEDULE

SHEET NUMBER	ISSUE
G01-356-A8103	A

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ELECTRICAL DRAWING LIST	
Sheet Number	Sheet Name
E0000	DRAWING LIST
E1100	ELECTRICAL DEMOLITION PLAN BASEMENT
E1101	ELECTRICAL DEMOLITION PLAN 1ST FLOOR
E1102	ELECTRICAL DEMOLITION PLAN 2ND FLOOR
E2100	POWER & SYSTEMS PLAN BASEMENT
E2101	POWER & SYSTEMS PLAN 1ST FLOOR
E2102	POWER & SYSTEMS PLAN 2ND FLOOR

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Project Management Office

Metro Hall Toronto, ON

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ISSUES		
No.	DESCRIPTION	DATE
A	50% SUBMISSION	2022-05-11
B	90% SUBMISSION	2022-08-15
C	BUILDING PERMIT	2022-08-15
D	ISSUED FOR TENDER	2025-04-11

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PROJECT TITLE
CITY OF TORONTO
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PROJECT ADDRESS
POLICE NO. 43 DIVISION &
EMS STATION NO.26
4331 LAWRENCE AVE E

PROJECT NO:
Arcadis 30279056

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

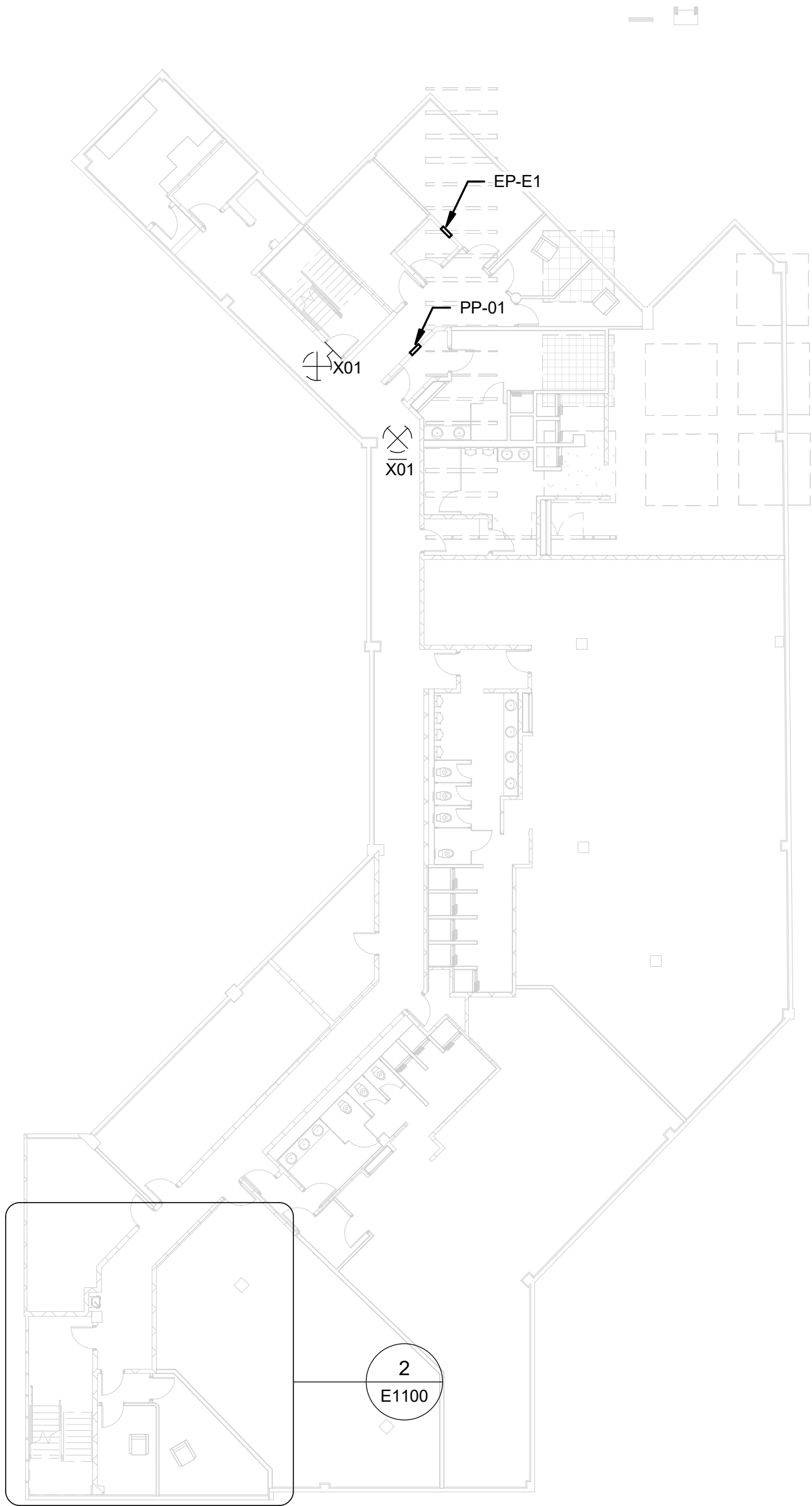
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DRAWING LIST

SHEET NUMBER G03-231-E0000	ISSUE D
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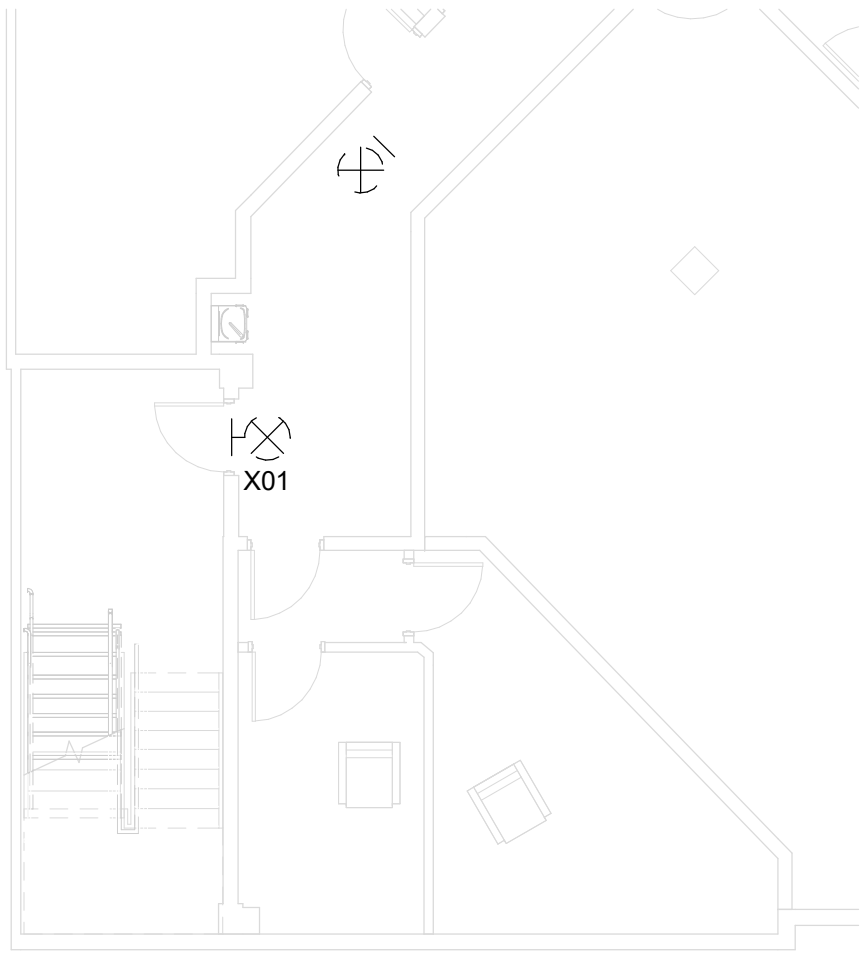
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10mm

SCALE CHECK
1 m



1 POWER & SYSTEMS DEMOLITION PLAN BASEMENT
E1100 Scale: 1 : 200



2 POWER & SYSTEMS DEMOLITION PLAN BASEMENT - BOTTOM
E1100 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.

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ISSUES

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A	50% SUBMISSION	2022-05-11
B	90% SUBMISSION	2022-08-15
C	BUILDING PERMIT	2022-08-15
D	ISSUED FOR TENDER	2025-04-11

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PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

POLICE NO. 43 DIVISION &
EMS STATION NO.26
4331 LAWRENCE AVE E

PROJECT NO:

Arcadis 30279056

DRAWN BY:

A. FEDIW

CHECKED BY:

M. BOJIC

PROJECT MGR:

APPROVED BY:

P. WILLIAMS

SHEET TITLE

ELECTRICAL
DEMOLITION PLAN
BASEMENT

SHEET NUMBER

G03-231-E1100

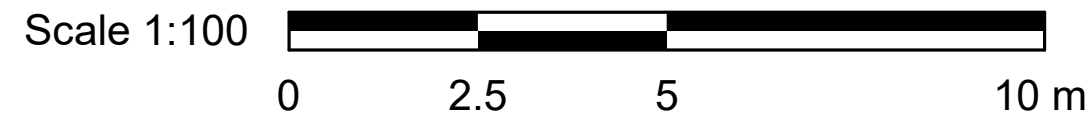
ISSUE

D



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1 POWER AND SYSTEMS DEMOLITION PLAN 1ST FLOOR
E1101 Scale: 1 : 200



3 POWER AND SYSTEMS DEMOLITION PLAN 1ST FLOOR - NORTH
E1101 Scale: 1 : 100

EXISTING MAGLOCKS
TO BE REMOVED DUE
TO DOOR REMOVAL. TO
BE DISCONNECTED AND
MADE READY FOR
REINSTALLATION AND
RECONNECTION ONCE
NEW DOORS ARE
INSTALLED

EXISTING ADD TO BE
REMOVED AND
CIRCUIT PREPARED
FOR REINSTALLATION OF
NEW

2 POWER AND SYSTEMS DEMOLITION PLAN 1ST FLOOR - WASHROOM
E1101 Scale: 1 : 100

5 POWER AND SYSTEMS DEMOLITION PLAN 1ST FLOOR - SOUTHERN DOORS
E1101 Scale: 1 : 100

4 POWER AND SYSTEMS DEMOLITION PLAN 1ST FLOOR - DOOR
E1101 Scale: 1 : 50

6 POWER AND SYSTEMS DEMOLITION PLAN 1ST FLOOR - WEST DOOR
E1101 Scale: 1 : 50

- 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 SECURITY EQUIPMENT 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.

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Project Management Office
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ISSUES		
No.	DESCRIPTION	DATE
A	50% SUBMISSION	2022-05-11
B	90% SUBMISSION	2022-08-15
C	BUILDING PERMIT	2022-08-15
D	ISSUED FOR TENDER	2025-04-11

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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**POLICE NO. 43 DIVISION &
EMS STATION NO.26
4331 LAWRENCE AVE E**

PROJECT NO:
Arcadis 30279056

DRAWN BY:
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CHECKED BY:
M. BOJIC

PROJECT MGR:

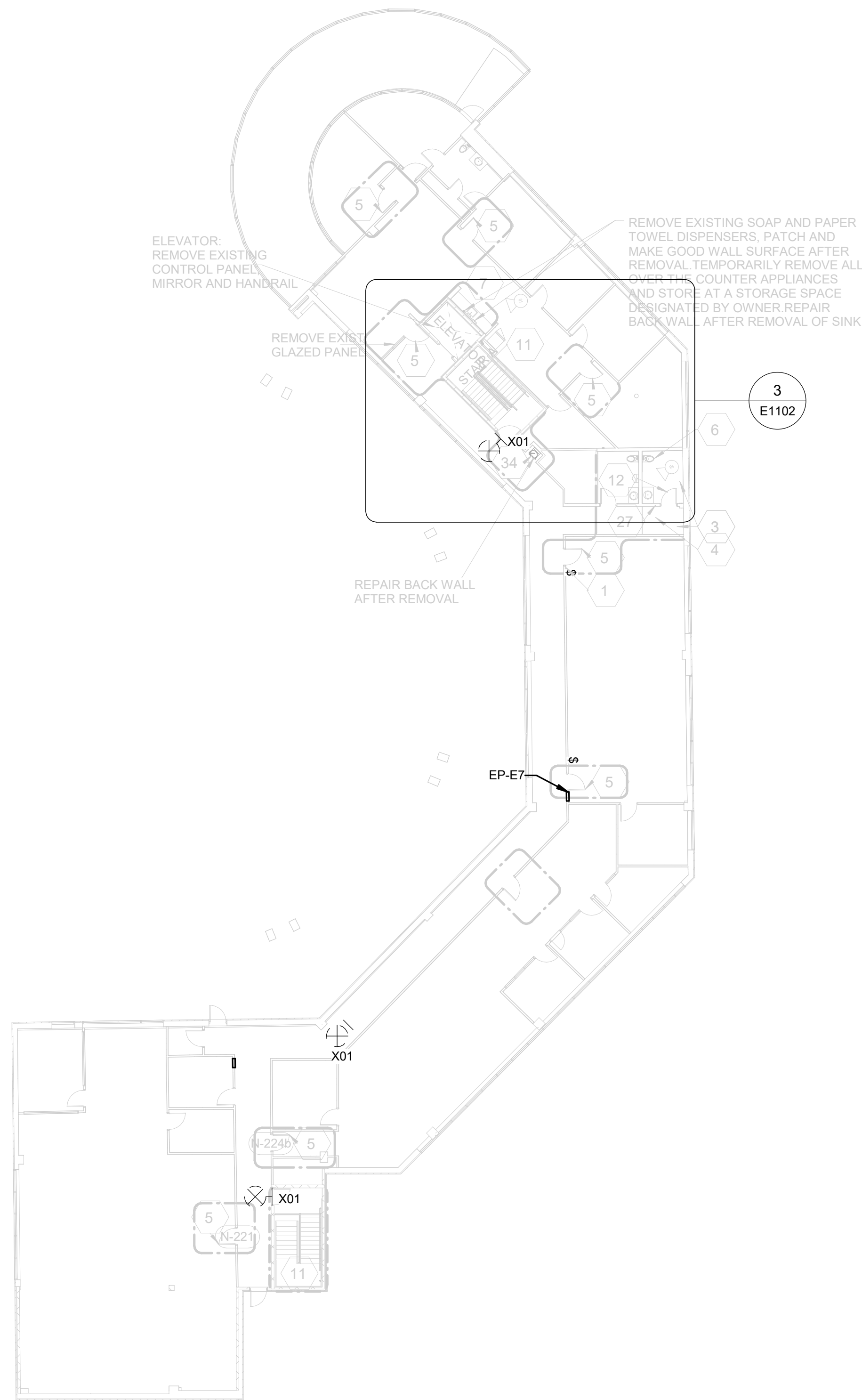
APPROVED BY:
P. WILLIAMS

SHEET TITLE
**ELECTRICAL
DEMOLITION PLAN 1ST
FLOOR**

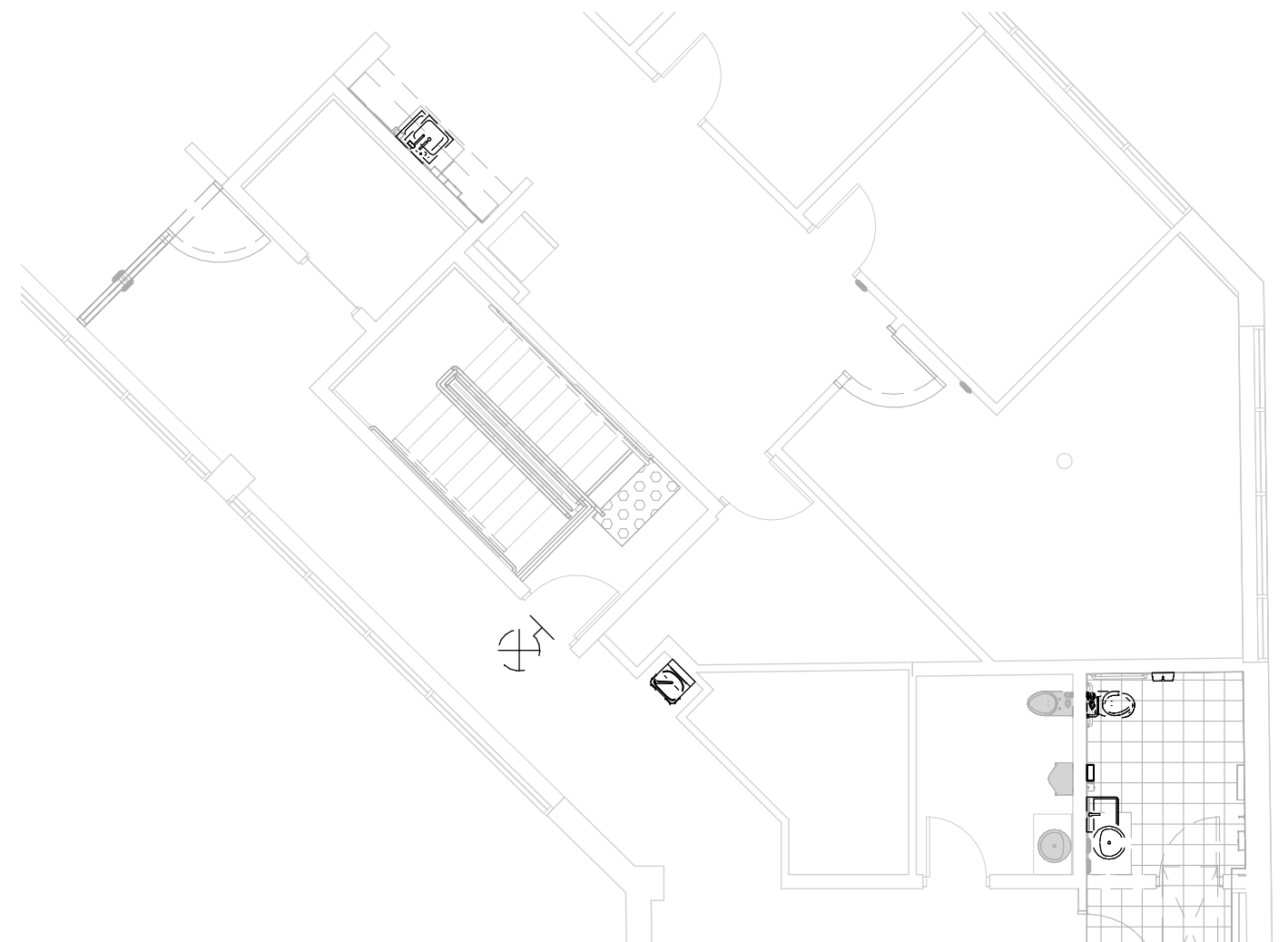
SHEET NUMBER
G03-231-E1101

ISSUE
D

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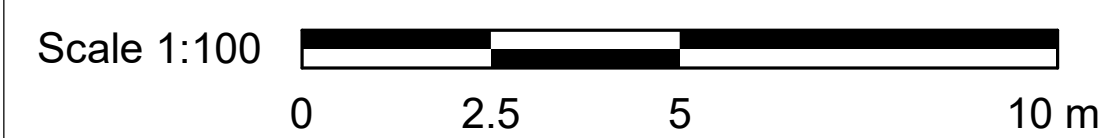


1 POWER & SYSTEMS DEMOLITION PLAN 2ND FLOOR
E1102 Scale: 1 : 200



3 POWER & SYSTEMS DEMOLITION PLAN 2ND FLOOR - TOP
E1102 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 SECURITY BEFORE DISCONNECTING AND RELOCATING SECURITY DEVICES. ONBOARD SECURITY CONSULTANT AT THE BEGINNING OF CONSTRUCTION.



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CITY OF TORONTO

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Project Management Office
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No.	DESCRIPTION	DATE
A	50% SUBMISSION	2022-05-11
B	90% SUBMISSION	2022-08-15
C	BUILDING PERMIT	2022-08-15
D	ISSUED FOR TENDER	2025-04-11

CONSULTANTS

SEAL

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PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

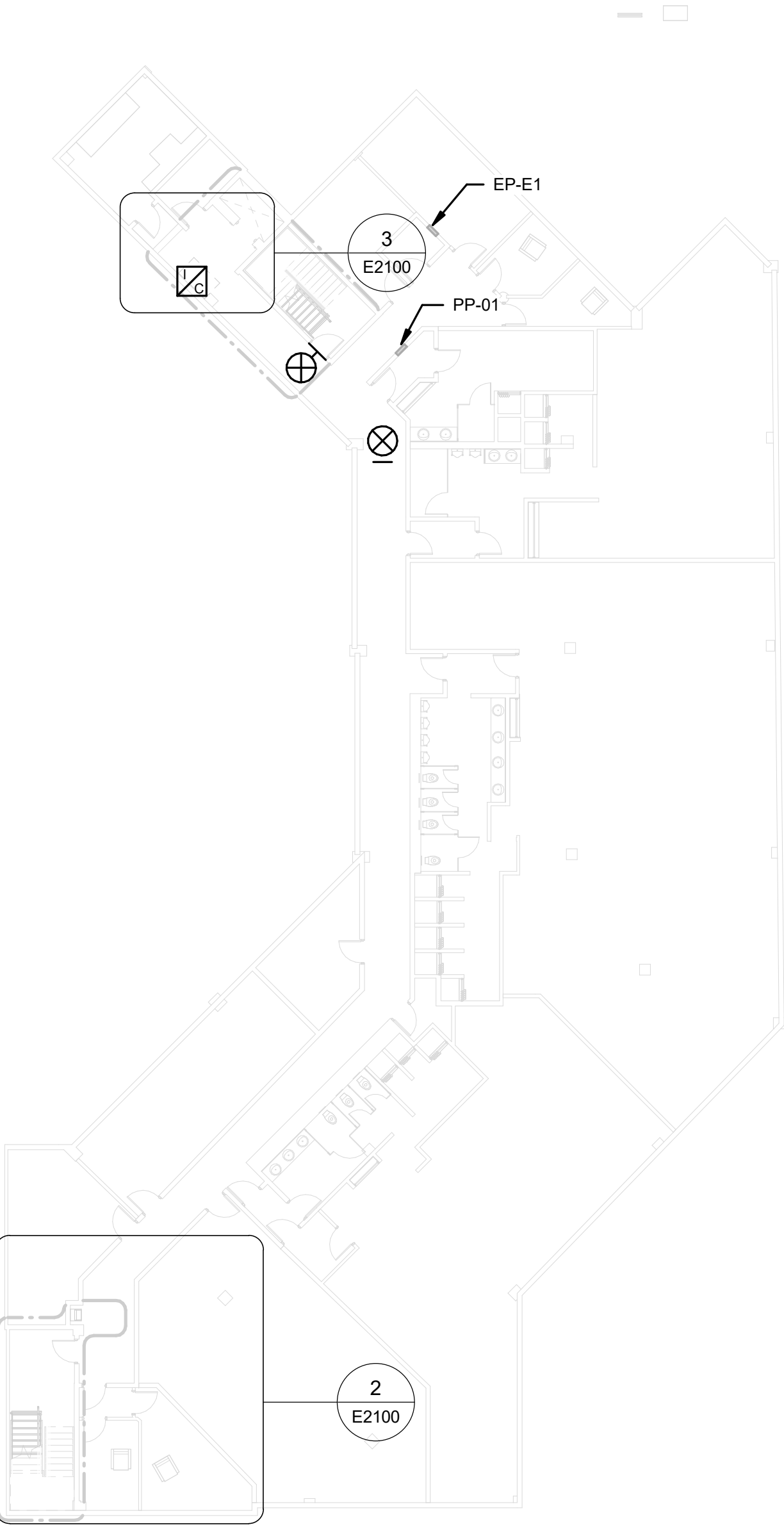
POLICE NO. 43 DIVISION &
EMS STATION NO.26
4331 LAWRENCE AVE E

PROJECT NO: Arcadis 30279056	
DRAWN BY: A. FEDIW	CHECKED BY: M. BOJIC
PROJECT MGR:	APPROVED BY: P. WILLIAMS

SHEET TITLE

ELECTRICAL
DEMOLITION PLAN 2ND
FLOOR

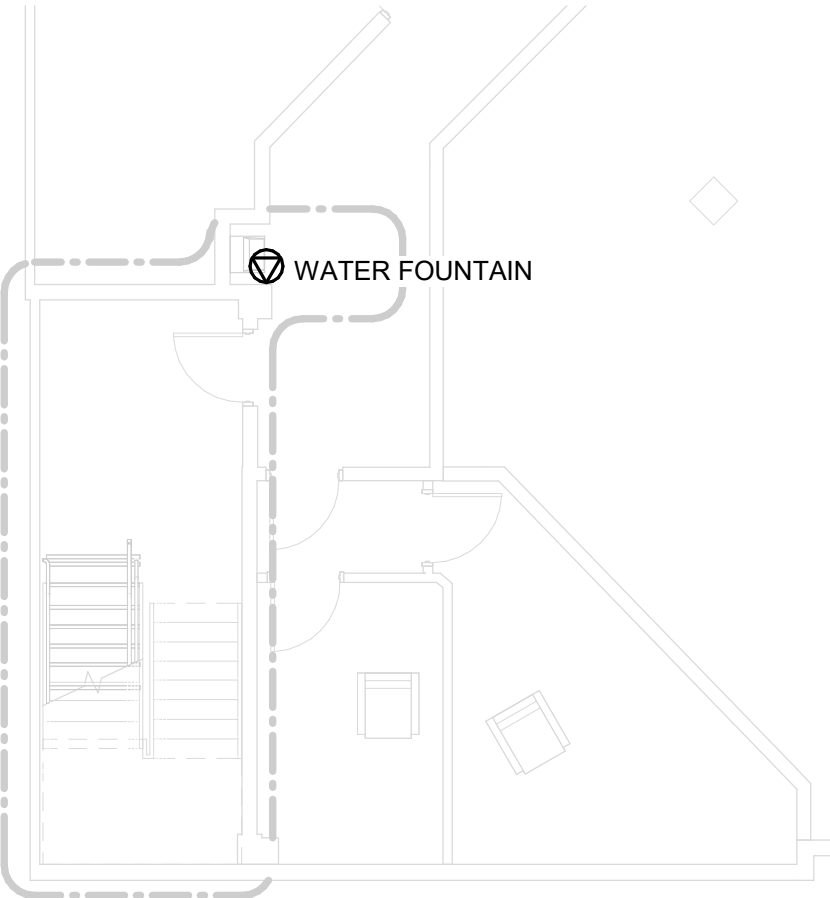
SHEET NUMBER	ISSUE
G03-231-E1102	D



3 POWER & SYSTEMS PLAN BASEMENT - TEMPORARY WAITING AREA
E2100 Scale: 1 : 50

- 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.
 - 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.

1 POWER & SYSTEMS PLAN BASEMENT
E2100 Scale: 1 : 200



2 POWER & SYSTEMS PLAN BASEMENT - BOTTOM
E2100 Scale: 1 : 100



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D	ISSUED FOR TENDER	2025-04-11

CONSULTANTS

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PRIME CONSULTANT

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PROJECT TITLE

**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

**POLICE NO. 43 DIVISION &
EMS STATION NO.26
4331 LAWRENCE AVE E**

PROJECT NO:
Arcadis 30279056

DRAWN BY:
A. FEDIW

CHECKED BY:
M. BOJIC

PROJECT MGR:

APPROVED BY:
P. WILLIAMS

SHEET TITLE

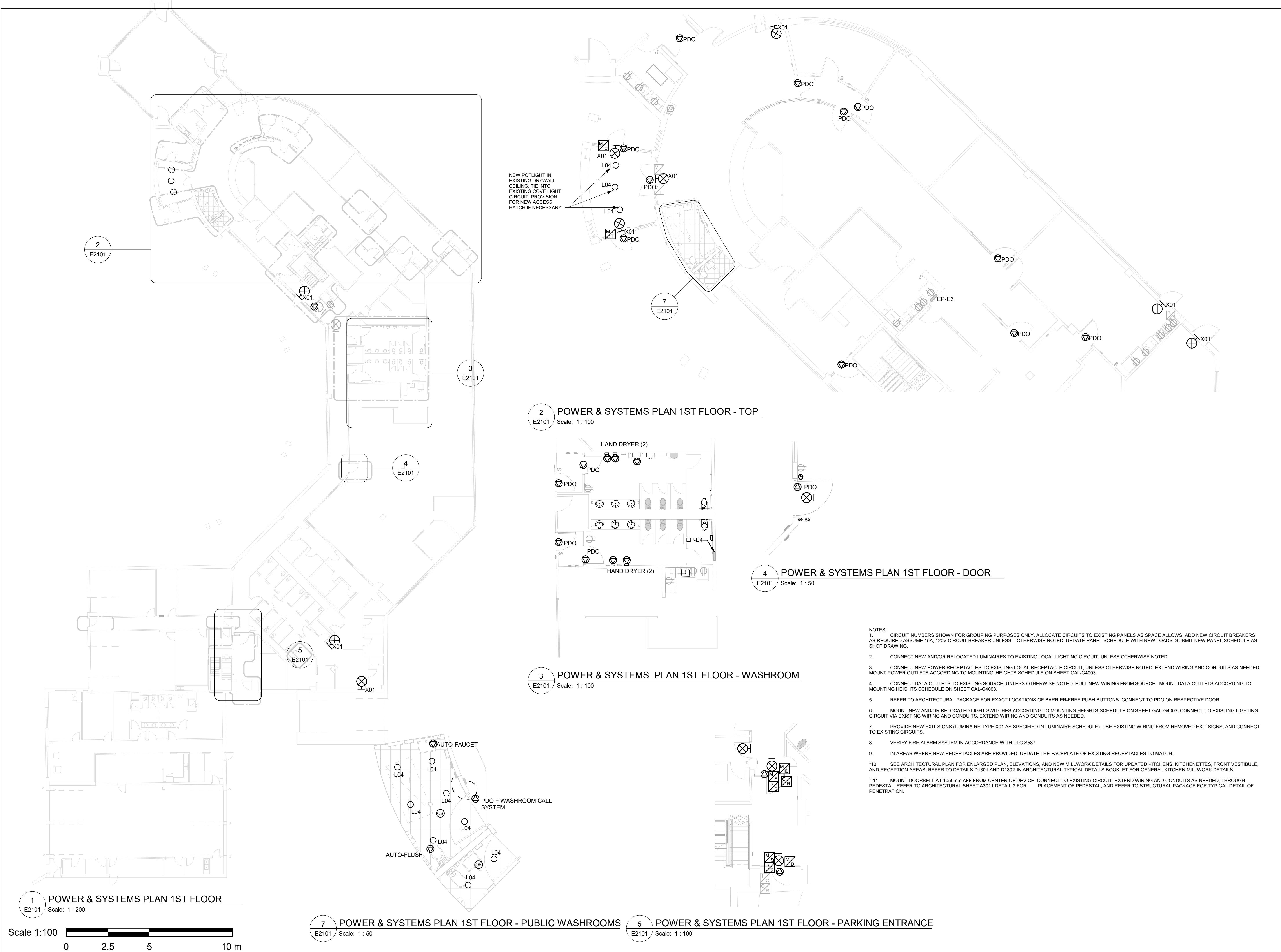
**POWER & SYSTEMS
PLAN BASEMENT**

SHEET NUMBER

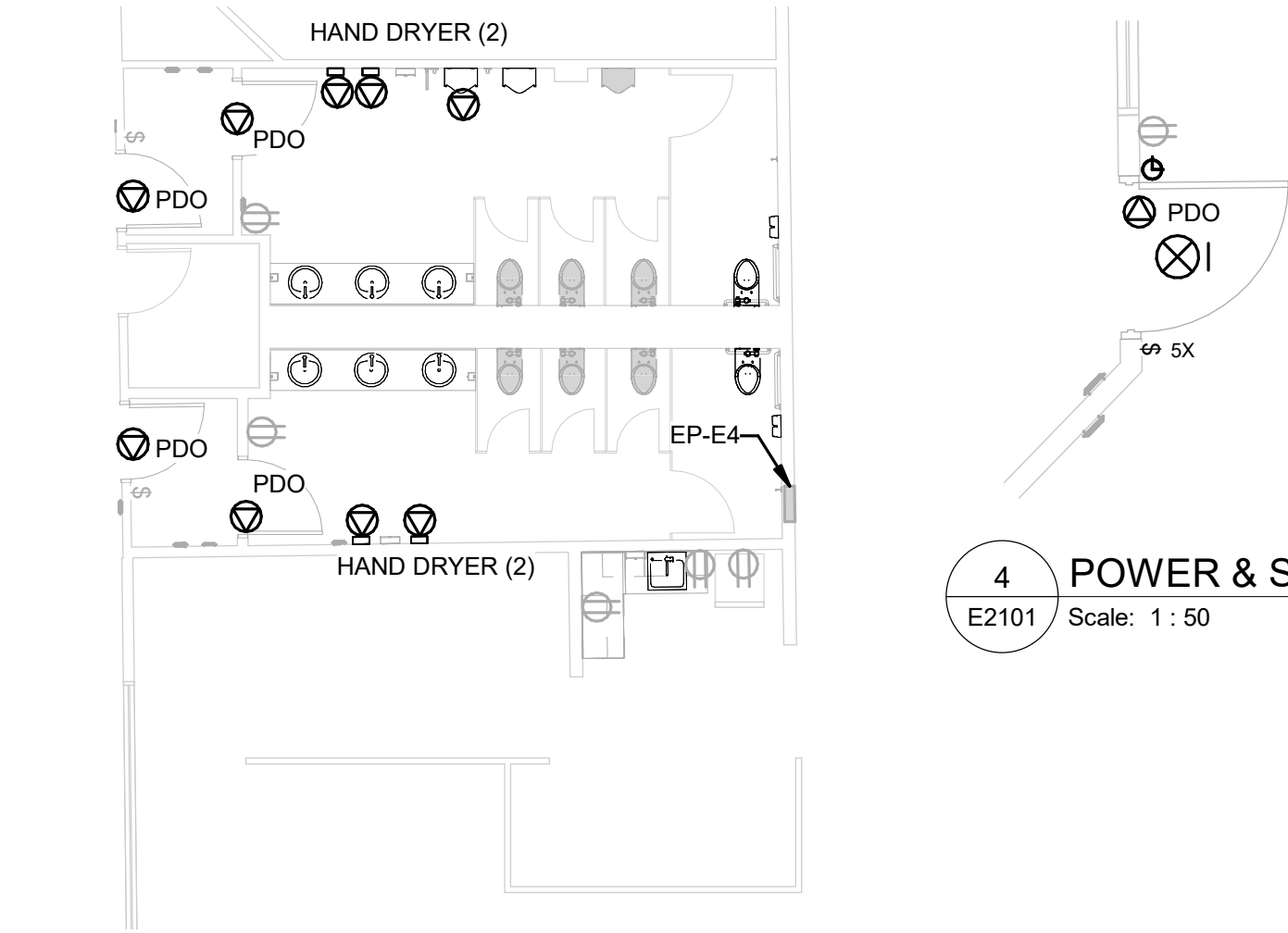
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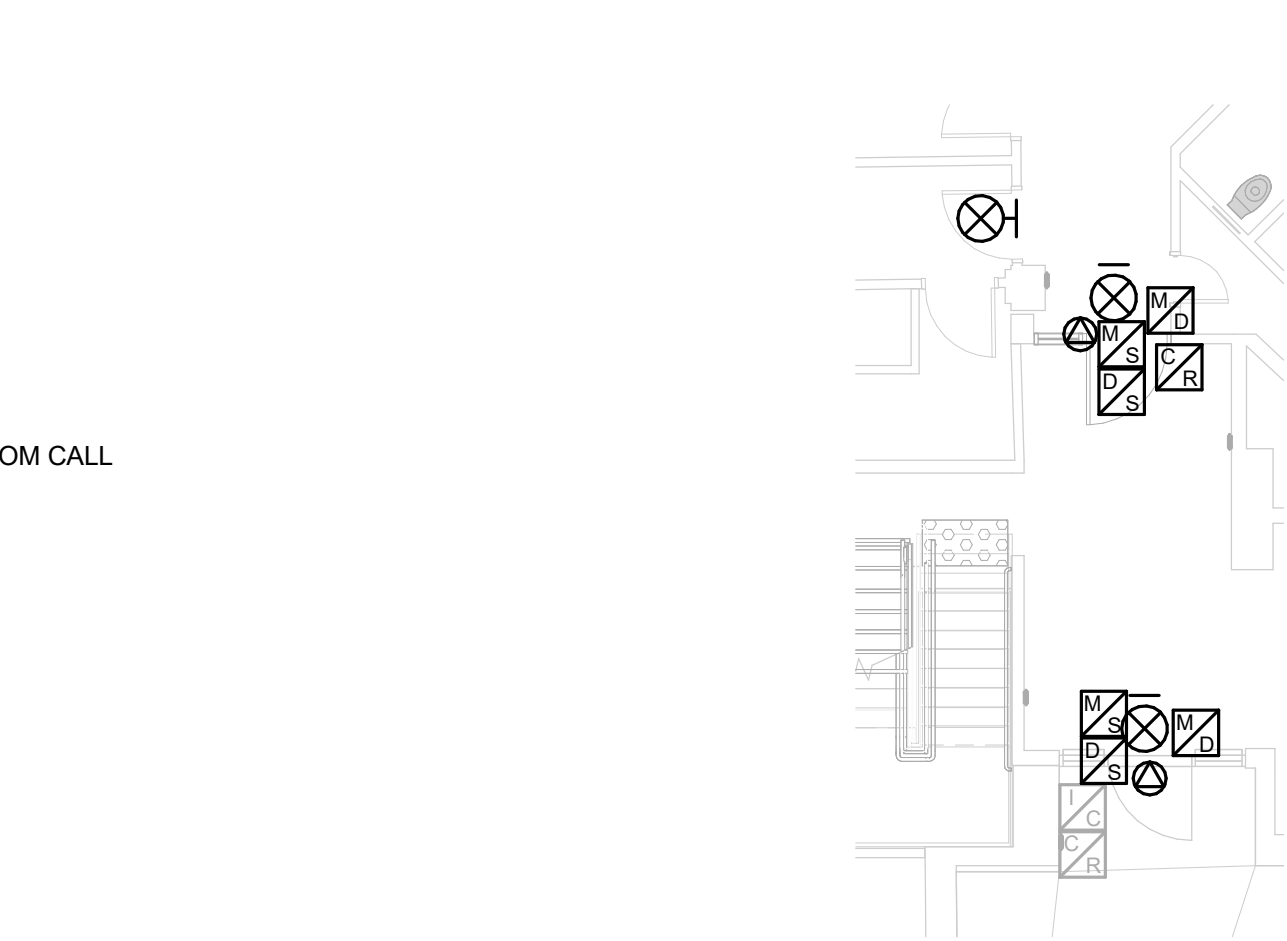


2 POWER & SYSTEMS PLAN 1ST FLOOR - TOP
E2101 Scale: 1 : 100



4 POWER & SYSTEMS PLAN 1ST FLOOR - DOOR
E2101 Scale: 1 : 50

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



7 POWER & SYSTEMS PLAN 1ST FLOOR - PUBLIC WASHROOMS
E2101 Scale: 1 : 50



5 POWER & SYSTEMS PLAN 1ST FLOOR - PARKING ENTRANCE
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.
 - 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.

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CONSULTANTS

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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**POLICE NO. 43 DIVISION &
EMS STATION NO.26
4331 LAWRENCE AVE E**

PROJECT NO:
Arcadis 30279056

DRAWN BY:

A. FEDIW

CHECKED BY:

M. BOJIC

PROJECT MGR:

APPROVED BY:

P. WILLIAMS

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

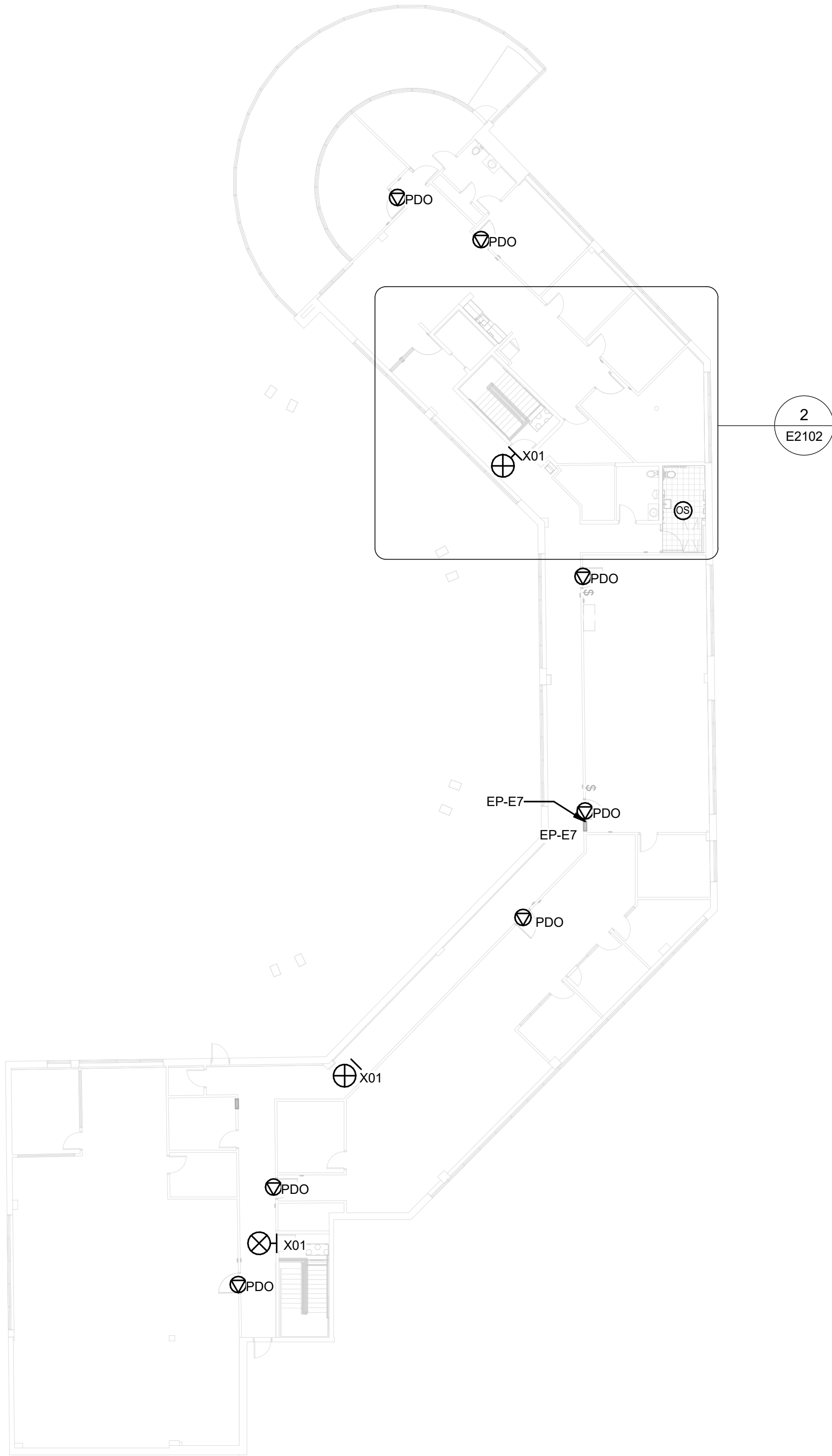
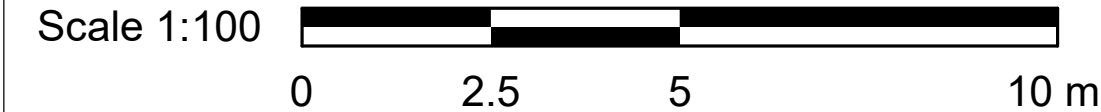
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G03-231-E2101

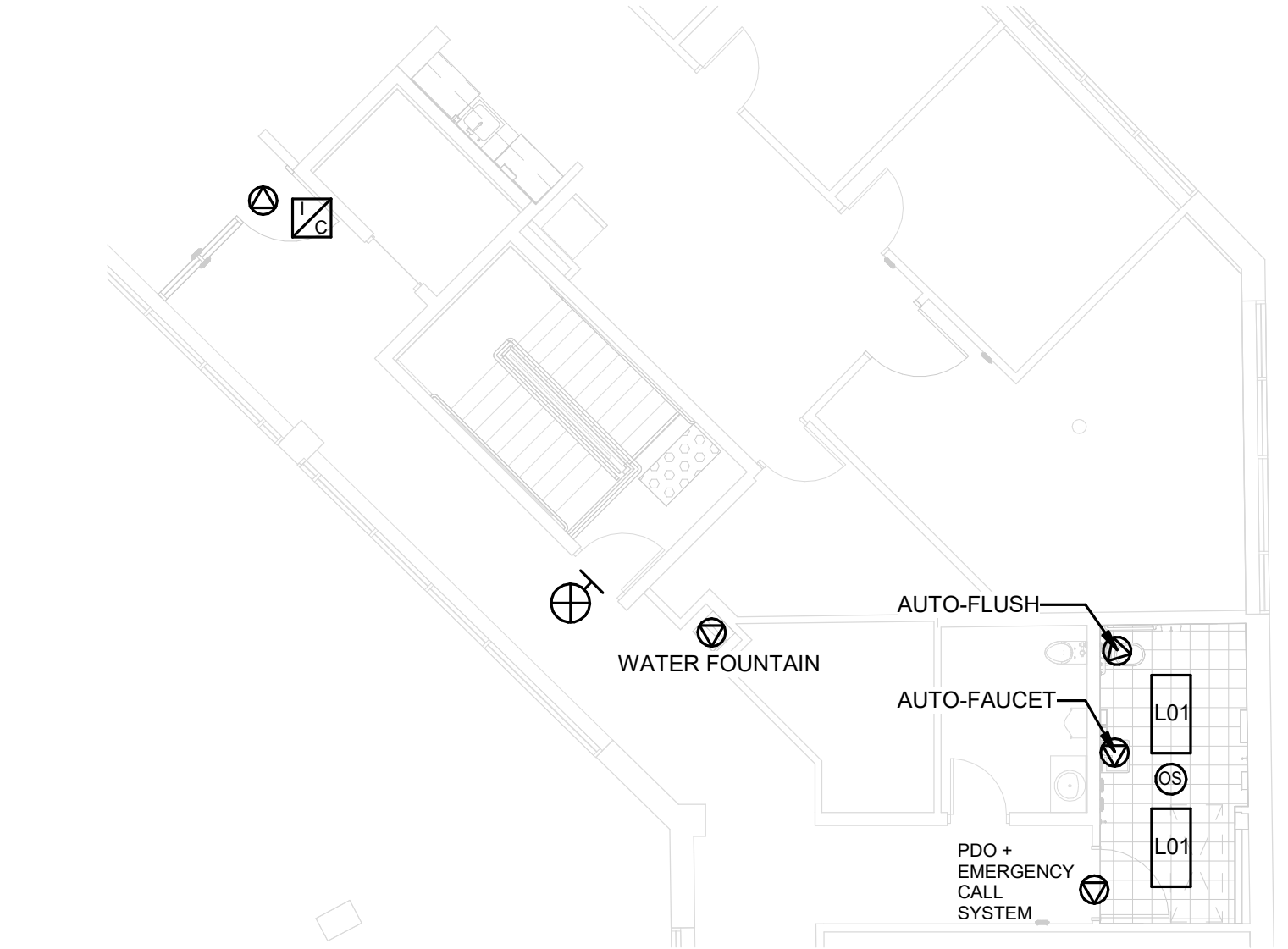
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1 POWER & SYSTEMS PLAN 2ND FLOOR
E2102 Scale: 1 : 200



2 POWER & SYSTEMS PLAN 2ND FLOOR - TOP
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.
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 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 WHEN IMPACTING EXISTING CIRCUITS
 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.

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PROJECT NO:
Arcadis 30279056

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

SHEET TITLE
POWER & SYSTEMS
PLAN 2ND FLOOR

SHEET NUMBER
G03-231-E2102

ISSUE
D

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10mm

SCALE CHECK
1 m