

# CITY OF TORONTO

# ACCESSIBILITY UPGRADES

# TYPICAL DETAILS BOOKLET

9119- 19- 0162 / IBI 122260

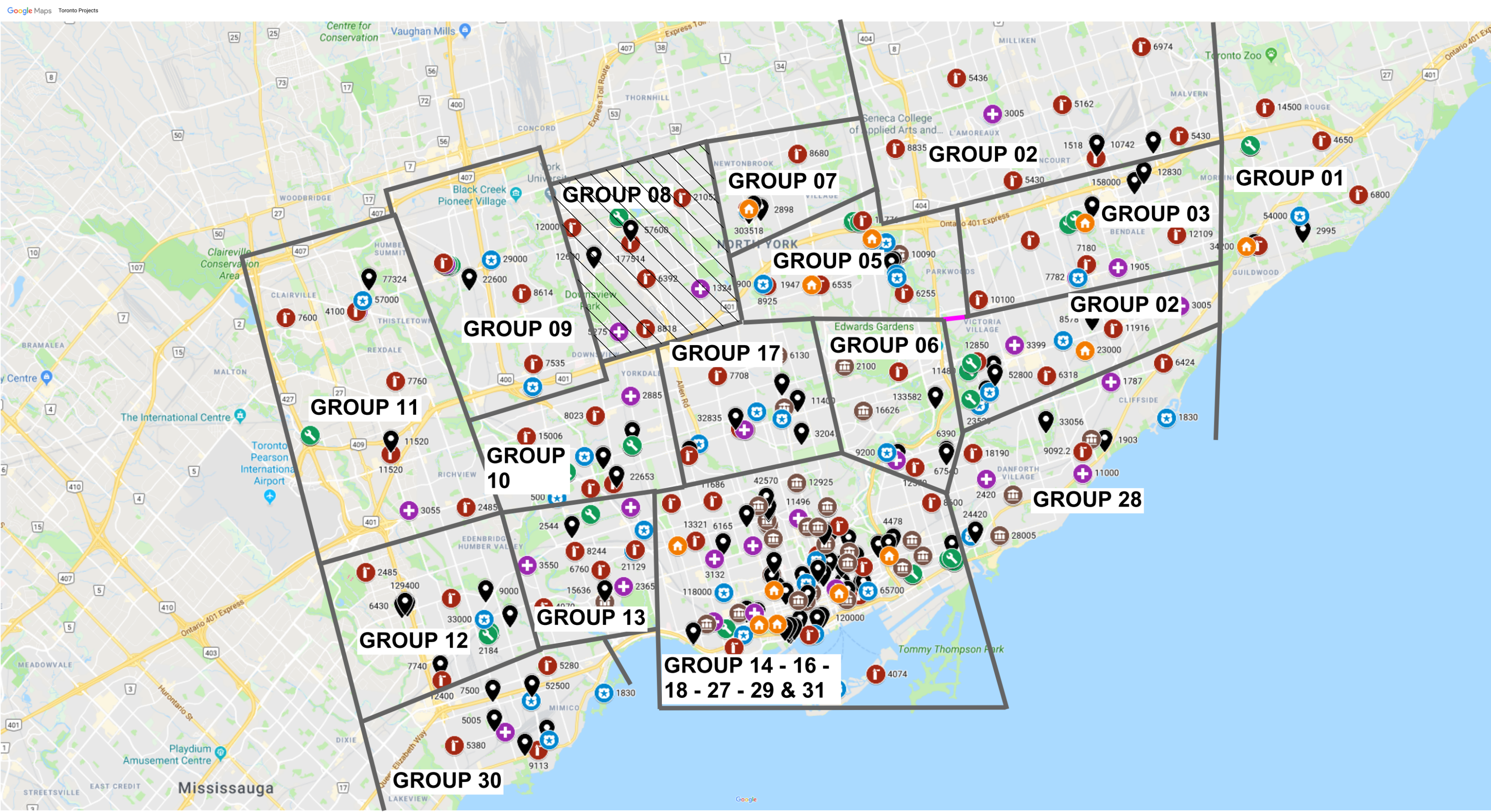


IMAGE SOURCES: GOOGLE MAPS

COVER PAGE GROUP 08	
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G08-GAL-G0001	COVER PAGE, GENERAL DRAWING LIST, BUILDING LIST

GENERAL LAYOUTS GROUP 08	
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GROUP 08 BUILDING INDEX		
Serial #	Building Address	Building Description
10	1009 SHEPPARD AVE. WEST	FIRE HALL NO. 143
11	1026 FINCH AVE. WEST	FINCH YARD - BUILDING B
13	1026 FINCH AVE. WEST	FINCH YARD - BUILDING D
36	1300 SHEPPARD AVE. WEST	TORONTO ANIMAL SERVICES
110	20 BEFFORT ROAD	FIRE HALL NO. 145
217	4100 KEELE STREET	FIRE HALL NO. 141
229	4330 DUFFERIN STREET	FIRE/EMS HQ & EMS STATION 53
265	5700 BATHURST STREET	FIRE STATION 112 & EMS STATION 16

TOUCH AND FEEL BOOKLET

TYPICAL DETAILS BOOKLET

CITY OF TORONTO



55 John ST.  
TORONTO, ON  
M5V 3C6

ISSUES		
No.	DESCRIPTION	DATE
00	ISSUED FOR CONSTRUCTION	2021-10-19



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PROJECT NO:  
9119- 19- 0162 / IBI 122260

DATE:  
2021-10-19

SHEET NUMBER	ISSUE
G08-GAL-G1001	00

ISSUED FOR CONSTRUCTION



ABBREVIATIONS

®	AT	EL	ELEVATION	MACH	MACHINE	SD	SOAP DISPENSER / STORM DRAIN
A	ANGLE	ELEC	ELECTRICAL	MAINT	MAINTENANCE	SDCONC	SEALED CONCRETE
A/C	AIR CONDITIONER / CONDITIONING	ELEV	ELEVATOR	MAT	ANTI-FATIGUE MATTING	SECT	SECTION
ABV	ABOVE	EMER	EMERGENCY	MATL	MATERIAL	SF	SQUARE FEET
ACCS	ACCESSORIES	EMF	ENGINEERED WOOD FLOORING	MAX	MAXIMUM	SHLF	SHELF
ACSDR	ACCESS DOOR	ENCL	ENCLOSED / ENCLOSURE	MC	MEDICINE CABINET	SHT	SHEET
ACSF/LR	ACCESS FLOOR	ENG	ENGINEER	ME	MECHANICAL EQUIPMENT	SHTG	SHEATHING
ACST / ACOUS	ACOUSTICAL	EOD	EDGE OF DECK	MECH	MECHANICAL	SHWC	SHOWER CURTAIN AND ROD
ACT	ACOUSTICAL CEILING TILE	EOS	EDGE OF SLAB	MEZZ	MEZZANINE	SHWR	SHOWER
AD	AREA DRAIN	EQ	EQUAL(LY)	MFR	MANUFACTURE(R)	SHWS	SHOWER SEAT
ADDL	ADDITIONAL	EQPT	EQUIPMENT	MH	MANHOLE	SIM	SIMILAR
ADDM	ADDENDUM	EST	ESTIMATE	MIN	MINIMUM	SND	SANITARY NAPKIN DISPENSER
ADJ	ADJUSTABLE / ADJACENT	EWC	ELECTRIC WATER COOLER	MIR	MIRROR	SNR	SANITARY NAPKIN RECEPTACLE
ADMIN	ADMINISTRATION	EXIST	EXISTING	MISC	MISCELLANEOUS	SOG	SLAB ON GRADE
AFC	ABOVE FINISHED COUNTER	EXP	EXPANSION	MLD / MLDG	MOULDING	SPD	SOAP DISPENSER WITH COLLECTOR
AFF	ABOVE FINISHED FLOOR	EXT	EXTERIOR	MO	MASONRY OPENING	SPEC	SPECIFY / SPECIFICATION
AFG	ABOVE FINISHED GRADE	FA	FIRE ALARM	MR	MOISTURE RESISTANT	SPK	SPEAKER
AFS	ABOVE FINISHED SLAB	FAST	FASTEN(ER)	MTD	MOUNTED	SQ	SQUARE
AGGR	AGGREGATE	FCO	FLOOR CLEAN OUT	MTL	METAL	SQFT	SQUARE FEET
AHR	ANCHOR	FD	FLOOR DRAIN	MUL	MULLION	SQIN	SQUARE INCH(ES)
AHU	AIR HANDLING UNIT	FDN	FOUNDATION	MW	MICROWAVE	SS	STAINLESS STEEL
ALUM	ALUMINUM	FE	FIRE EXTINGUISHER			ST	STONE
ALUMIT	ALIGNMENT	FEC	FIRE EXTINGUISHER CABINET	N	NORTH	STA	STATION
ALT	ALTERNATE	FEC (R)	FIRE EXTINGUISHER CABINET, RECESSED	NA OR N/A	NOT AVAILABLE / APPLICABLE	STC	SOUND TRANSMISSION CLASS
ANOD	ANODIZED			NFPA	NATIONAL FIRE PROTECTION ASSOCIATION	STD	STANDARD
ANUN	ASSISTANCE REQUIRED INDICATOR/ALARM	FEC (SR)	FIRE EXTINGUISHER CABINET, SEMI-RECESSED	NIC	NOT IN CONTRACT	STDs	STUDS
AP	ACCESS PANEL	FF	FINISHED FLOOR	NO / #	NUMBER	STIFF	STIFFENER
APC	ACOUSTICAL PANEL CEILING	FFL	FINISH FLOOR LEVEL	NOM	NOMINAL	STL	STEEL
APPROX	APPROXIMATELY	FIN	FINISHED	NTS	NOT TO SCALE	STN	STAINED
APPVD	APPROVED	FIXT	FIXTURE	OA	OVERALL	STOR	STORAGE
AR-LED	DOOR LOCK INDICATOR	FL	FLOOR	OBS	OBSCURE	STRUCT	STRUCTURE / STRUCTURAL
ARCH	ARCHITECT(URAL)	FLASH	FLASHING	OC	ON CENTRE	SV	STOVE
ASPH	ASPHALT	FLUOR	FLUORESCENT	OC	ON CENTRE	SW	SWITCH
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS	FOC	FACE OF CONCRETE	OCI	OCCUPIED INDICATOR	SYM	SYMMETRICAL
AUTO	AUTOMATIC	FOF	FACE OF FINISH	OD	OUTSIDE DIAMETER	SYN	SYNTHETIC
AVG	AVERAGE	FOM	FACE OF MASONRY	OFF	OFFICE	SYS	SYSTEM
		FOS	FACE OF STUDS	OPG / OPNG	OPENING	T&B	TOP AND BOTTOM
		FOW	FACE OF WALL	OPP	OPPOSITE	T&G	TONGUE AND GROOVE
BD	BOARD	FP	FIREPROOF	OZ	OUNCE	TB	TOWEL BAR
BET	BETWEEN	FPL	FIREPLACE			TBD	TO BE DETERMINED
BFAC	BARRIER FREE ADULT CHANGE TABLE	FR	FRAME			TC	TOP OF CURB
BFAO	BARRIE FREE AUTOMATIC OPENER	FRC	FIBRE REINFORCED CONCRETE	PART	PARTIAL	TEL	TELEPHONE
BFPB	BARRIER FREE PUSH BUTTON	FRG	FIRE RATED GLASS	PAT	PATTERN	TEMP	TEMPORARY / TEMPERATURE
BFWO	BARRIER FREE WAVE TO OPEN	FRGP	FIBRE REINFORCED GYPSUM PLASTER	PB	PORCELAIN BASE	TER	TERRAZZO
BG	BUMPER GUARD			PBD	PARTICLE BOARD	TGL	TEMPERED GLASS
BITUM	BITUMINOUS	FRT	FIRE RETARDANT TREATED	PC / POC	PRECAST CONCRETE	THK	THICK
BL	BLACK	FS	FLOOR SINK	PC	PRECAST CONCRETE	THRU	THROUGH
BLDG	BUILDING	FTG	FOOTING	PED	PEDESTAL/PEDESTRIAN	TOC	TOP OF CONCRETE
BLK	BLOCK	FURR	FURRING	PER	PERIMETER	TOS	TOP OF STEEL
BLKG	BLOCKING	FUT	FUTURE	PERF	PERFORATED	TOW	TOP OF WALL
BM	BEAM			PERP	PERPENDICULAR	TPD	TOILET PAPER DISPENSER
BOS	BOTTOM OF STEEL	GA	GAUGE	PF	PRE-FINISHED	TPTN	TOILET PARTITION
BOT	BOTTOM	GALV	GALVANIZE(D)	PFT	PORCELAINE FLOOR TILE	TV	TELEVISION
BR	BACKREST	GB	GYPSUM BOARD	PIP	POURED-IN-PLACE	TYP	TYPICAL
BS	BOTH SIDES	GBFD	GRAB BAR FOLD DOWN	PL	PLATE	UC	UNDERCUT
		GC	GENERAL CONTRACTOR	PLAS	PLASTER	UG	UNDERGROUND
CAB	CABINET	GL	GLASS / GLAZING	PLYWD	PLYWOOD	UL	UNDERWRITER'S LABORATORY
CAS	CASEWORK	GND	GROUND	PR	PAIR	UNF	UNFINISHED
CB	CATCH BASIN	GR	GRADE	PRCST	PRE-CAST	UNF / UNFN	
CEM	CEMENT	GRB	GRAB BAR	PREFAB	PREFABRICATED	UNO	UNLESS NOTED OTHERWISE
CER	CERAMIC	GRV	GRAVEL	PROP	PROPERTY	UPS	UNINTERRUPTED POWER SUPPLY
CF	CUBIC FOOT	GT	GLASS TILE	PRT	PORCELAIN TILE	UR	URINAL
CG	CORNER GUARD	GWG	GEORGIAN WIRED GLASS	PSF	POUNDS PER SQUARE FOOT		
CH	CEILING HEIGHT	GYP	GYPSUM	PSI	POUNDS PER SQUARE INCH	V	VOLT
CHAM	CHAMFER			PT	PAINT	VAC	VACUUM
CHBD	CHALKBOARD	HB	HOSE BIB	PTD	PAPER TOWEL DISPENSER	VB	VAPOR BARRIER
CI	CAST IRON	HC	HOLLOW CORE	PTDWR	PAPER TOWEL DISPENSER & WASTE RECEPTACLE	VCT	VINYL COMPOSITION TILE
CI	CONTRACTOR INSTALLED	HD	HEAVY DUTY			VENT	VENTILATE
CJP	CAST IN PLACE	HDR	HEADER	PTLB	PUSH TO LOCK BUTTON	VERT	VERTICAL
CJ	CONTROL JOINT	HDWR	HARDWARE	PTN	PARTITION	VEST	VESTIBULE
CL	CENTRE LINE	HI	HIGH	PTOB	PUSH TO OPEN BUTTON	VIF	VERIFY IN FIELD
CLG	CEILING	HM	HOLLOW METAL	PTR	PAPER TOWEL RECEPTACLE	VNR	VENEER
CLO	CLOSET	HMI	HOLLOW METAL INSULATED	PVC	POLYVINYL CHLORIDE	VST	VINYL STAIR TREADS
CLR	CLEAR	HNDR	HAND DRYER			VSTR	VINYTL STAIR TREADS & RISERS
CMU	CONCRETE MASONRY UNIT	HOR / HORIZ	HORIZONTAL	Q	QUARTZ	VTR	VENT THRU ROOF
CO	CLEAN/CLEAR OUT	HP	HIGH POINT	QTY	QUANTITY	WVC	VINYL WALLCOVERING
COL	COLUMN	HR	HANDRAIL			W	WEST
CONC	CONCRETE	HT	HEIGHT	R	RISER	W/	WITH
CONST	CONSTRUCTION	HVAC	HEATING / VENTILATION / AIR CONDITIONING	RAD	RADIUS	W/O	WITHOUT
CONT	CONTINUOUS			RB	RUBBER BASE	WC	WATER CLOSET
CORR	CORRIDOR	HW	HARDWARE	RCP	REFLECTED CEILING PLAN	WCV	WALLCOVERING
CP	CONCRETE PAVER	HYD	HYDRANT	RO	ROUGH OPENING	WD	WOOD
CPR	COPPER			REF	REFERENCE	WF	WIDE FLANGE
CPT	CARPET(ED)(ING)	IALUM	INSULATED ALUMINUM	REFR	REFRIGERATOR	WH	WALL HOSE / HYDRANT
CT	CERAMIC TILE	ID	INSIDE DIAMETER	REG	REGISTER	WI	WROUGHT IRON
CTH	COAT HOOK	IHM	INSULATED HOLLOW METAL PANEL	REIN	REINFORCE(D)	WIN	WINDOW
CTR	COUNTER	IN	INCH / INCHES	REQ	REQUIRED	WK	WORK
		INCL	INCLUDE(D) / INCLUDING	RESIL	RESILIENT	WNSCT	WAINSCOT
		INSUL	INSULATE / INSULATION	RESS	RESILIENT SHEET	WP	WATERPROOF(ING)
DBL	DOUBLE	INT	INTERIOR	RET	RETAINING	WPT	WORKPOINT
DEG	DEGREE	ITGL	INSULATED TEMPERED GLASS	REV	REVISE / REVISION	WR	WASHROOM
DEMO	DEMOLISH			RFL	REFLECTED	WRR	WOOD RISER
DEP	DEPRESSION			RI	RIGHT HAND		
DET	DETAIL	JAN	JANITOR	RM	ROOM		
DF	DRINKING FOUNTAIN	JT	JOINT	RO	ROUGH OPENING		
DIA	DIAMETER			RS	RUBBER SHEET FLOORING		
DIAG	DIAGONAL	KIT	KITCHEN	RST	RUBBER STAIR TREADS		
DIM	DIMENSION			RSTR	RUBBER STAIR TREADS & RISERS		
DISP	DISPENSER	LAB	LABORATORY	RT	RUBBER TILE		
DIV	DIVISION	LAM	LAMINATE(D)	RWB	RUBBER WALL BASE		
DN	DOWN	LAV	LAVATORY	RWD	REDWOOD		
DR	DOOR	LB(S)	POUND(S)	RWL	RAIN WATER LEADER		
DS	DOWNSPOUT	LF	LINEAR FOOT (FEET)				
DW	DISHWASHER	LH	LEFT HAND				
DWG	DRAWING	LIB	LIBRARY				
		LKR	LOCKER	S	SOUTH		
		LNS	LINOLEUM SHEET	SC	SOLID CORE		
E	EAST	LNT	LINOLEUM TILE	SCD	SEAT COVER DISPENSER		
EA	EACH	LP	LOW POINT	SCHED	SCHEDULE		
ECB	EMERGENCY CALL BUTTON	LT	LIGHT	SCN	SCREEN		
ECS	EMERGENCY CALL SIGNAGE	LVR	LOUVRE	SCT	STAINED CONCRETE		
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM	LWT	LIGHT WEIGHT				
EJ	EXPANSION JOINT						

REFERENCE SYMBOLS

PLAN IDENTIFICATION

SECTION LOCATION IDENTIFICATION

PARTITION TYPE INDICATION

NEW DOOR NUMBER INDICATION

KEYNOTE SYMBOLS

MATERIAL OR WORK DIVISION INDICATION

WINDOW NUMBER INDICATION

LOUVER NUMBER INDICATION

CEILING TAG

ROOF OR RAMP PITCH INDICATION

ROOM NAME AND NUMBER INDICATION

ROOF OR RAMP SLOPE INDICATION

CAMERA VIEW

TITLE IDENTIFICATION

ELEVATION LOCATION IDENTIFICATION

DETAIL LOCATION IDENTIFICATION

ELEVATION INDICATION - (FLOORS, ETC...)

SPOT ELEVATION

GRAPHIC SCALE

GENERAL NOTES

- PERFORM THE WORK IN ACCORDANCE WITH THE LATEST EDITION OF THE ONTARIO BUILDING CODE, CITY OF TORONTO ACCESSIBILITY DESIGN GUIDELINES AND ANY OTHER APPLICABLE REQUIREMENT OF AUTHORITIES HAVING JURISDICTION.
- DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATIONS AND THE ASSOCIATED STRUCTURAL, MECHANICAL, ELECTRICAL DRAWINGS AND ALL OTHER RELEVANT CONSULTANT DRAWINGS.
- CONTRACTOR SHALL VERIFY THE SITE INFORMATION PRIOR TO PROCEEDING WITH THE WORK. FAILURE TO REPORT ANY DISCREPANCIES SHALL CONSTITUTE ACCEPTANCE OF THE SITE CONDITIONS.
- THE CONTRACTOR SHALL REVIEW THE DRAWINGS FOR SCOPE OF DEMOLITION AND NEW WORK, INCLUDING ALL DISCIPLINES, AND SHALL COORDINATE WITH NEW WORK DRAWINGS FOR EXACT EXTENT OF DEMOLITION.
- SCOPE OF WORK SHALL NOT BE LIMITED TO THAT SHOWN ON THE DRAWINGS AND SHALL INCLUDE WORK REQUIRED TO ELIMINATE ALL EXISTING, ABANDONED OR REDUNDANT COMPONENTS, AND TO FACILITATE PROPER EXECUTION OF THE WORK.
- PROVIDE 16 GA SHEET METAL REINFORCEMENT INSTALLED ON THE STUDS PRIOR TO INSTALLING THE GYPSUM BOARD IN THE LOCATIONS REQUIRED TO SUPPORT WALL MOUNTED ITEMS.
- ISOLATE ALL MECHANICAL PIPES DUCTS AND EQUIPMENT FROM INTERIOR PARTITIONS TO AVOID ACOUSTIC NOISE TRANSFER.
- MAINTAIN CONTINUITY OF BUILDING ENVELOPE AIR / VAPOUR BARRIER TRANSITIONS AND PENETRATIONS WITH MEMBRANES LAPPED AND APPROVED SEALANTS COMPATIBLE WITH MEMBRANE PRODUCTS USED.
- REINSTATE INTEGRITY OF FIRE SEPARATION WHEN PATCHING. PROVIDE AND INSTALL FIRE STOPPING AND SMOKE SEALS AT ALL NEW SERVICE PENETRATIONS THROUGH FLOORS, WALLS AND CEILINGS IN ACCORDANCE WITH OBC. LATEST EDITION REQUIREMENTS. REFER TO MECHANICAL DRAWINGS FOR ANY FIRE DAMPER REQUIREMENTS.
- ENSURE THAT FOR ALL FIRE SEPARATIONS INDICATED ON THE DRAWINGS, ALL COMPONENTS OF THE ASSEMBLY SHALL BE OF APPROVED MATERIALS, AND INSTALLATION/FABRICATION PROCEDURES ARE PER DIRECTION OF THE INDICATED "UNDERWRITERS LABORATORIES OF CANADA LTD." LATEST EDITION MANUAL AND OTHERWISE MEETING THE REQUIREMENTS OF THE ONTARIO BUILDING CODE. ALL FIRE SEPARATIONS MUST BE CONTINUOUS, AND ALL JOINTS TO BE SMOKE TIGHT. MAINTAIN CONTINUITY OF ALL FIRE SEPARATIONS AND PENETRATIONS WITH APPROVED U.L.C. LISTED FIRE STOPPING SYSTEMS AND FIRE SEALANTS BOTH SIDES OF PARTITIONS.
- ULC LISTED FIRE-RATED SEALANT IS TO BE APPLIED TO ALL FIRE-RATED PARTITIONS AND LEFT EXPOSED FOR INSPECTION PURPOSES
- WHERE ITEMS NOTED TO BE DEMOLISHED MEET EXISTING WALLS / CEILING AND/OR FLOOR TO REMAIN, PATCH REPAIR AND MAKE GOOD EXISTING SURFACES. PROVIDE NEW INFILL MATERIAL TO MATCH EXISTING AND. MAINTAIN ALL FIRE RATED WALL CONSTRUCTION
- PROVIDE CUTTING, PATCHING AND CORING OF ALL WALLS, CEILING, ROOF AND OTHER SURFACES AS REQUIRED TO PERFORM THE WORK. PRIOR TO CUTTING OR CORING, SCAN THE SLAB/WALL/ROOF AND COORDINATE DRILLING/CUTTING TO AVOID CUTTING REINFORCING, CONDUITS, WIRING AND OTHER HIDDEN ITEMS. OBTAIN WRITTEN VERIFICATION OF PROPOSED DRILLING AND CUTTING LOCATIONS FROM THE STRUCTURAL ENGINEER.
- BEFORE COMMENCING WORK, ESTABLISH LOCATION AND EXTENT OF EXISTING SERVICE LINES IN AREA OF WORK AND NOTIFY CONSULTANT OF FINDINGS. WHERE UNKNOWN SERVICES ARE ENCOUNTERED, IMMEDIATELY ADVISE AND CONFIRM FINDINGS IN WRITING.
- PROVIDE FOR DEMOLITION OF INCLUDING BUT NOT LIMITED TO, EXISTING WALLS, FLOORS, CEILINGS, ASSOCIATED FINISHES, MECHANICAL AND ELECTRICAL FIXTURES, DEVICES, DUCTS TO ALLOW FOR NEW WORK TO BE INSTALLED. COORDINATE BETWEEN TRADES FOR REMOVAL.
- CONCEAL ALL MECHANICAL AND ELECTRICAL WORK IN WALLS AND CEILINGS, EXCEPT AS INDICATED OTHERWISE OR APPROVED.
- VAPOUR BARRIER TO BE CONTINUOUS UNDER ALL NEW FLOOR SLABS. PATCH ALL CONCRETE CORE TEST AREAS, DEFECTS AND DEMOLITION LOCATIONS.
- ALL SPECIFIED MATERIALS SHALL BE INSTALLED AND FINISHED IN ACCORDANCE WITH MANUFACTURERS WRITTEN INSTRUCTIONS. SHOULD SUCH INSTRUCTIONS DIFFER FROM THE SPECIFICATIONS OR DETAILS, ADVISE CONSULTANT IMMEDIATELY FOR DIRECTION.
- DETAILS MARKED "TYPICAL" SHALL APPLY IN ALL SIMILAR CONDITIONS UNLESS NOTED OR DETAILED OTHERWISE.
- BRING ALL OMISSIONS AND DISCREPANCIES, INCLUDING DIMENSIONS, TO THE ATTENTION OF THE CONSULTANT PRIOR TO COMMENCEMENT OF ANY WORK.
- FULLY COORDINATE ALL ADDITIONAL SUPPORT REQUIRED FOR ANCHORAGE OF MECHANICAL EQUIPMENT OR DUCTS AND ELECTRICAL FIXTURES/EQUIPMENT. PROVIDE SEISMIC RESTRAINT DRAWINGS STAMPED BY A THIRD PARTY PROFESSIONAL ENGINEER LICENCED IN THE PROVINCE OF ONTARIO.
- WALL ASSEMBLIES SHALL EXTEND TO UNDERSIDE OF ROOF OR STRUCTURE ABOVE UNLESS NOTED OR DETAILED OTHERWISE
- REFER TO ELECTRICAL DRAWINGS FOR LOCATION OF ALL ELECTRICAL EQUIPMENT, CONDUIT, LIGHTING AND RECEPTACLE LOCATIONS.
- REFER TO MECHANICAL DRAWINGS FOR LOCATION OF ALL MECHANICAL EQUIPMENT AND PROVISIONS.
- REFER TO STRUCTURAL DRAWINGS FOR LOCATION AND SIZING OF ALL STRUCTURAL ELEMENTS
- DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE NOTED.
- REMOVAL AND DISPOSAL OF HAZARDOUS MATERIALS SHALL BE IN ACCORDANCE WITH LOCAL REGULATIONS AND AUTHORITIES HAVING JURISDICTION.
- UNLESS NOTED OTHERWISE, MAKE GOOD ALL AREAS DISTURBED BY EXCAVATION AND/OR INSTALLATION OF CIVIL, STRUCTURAL, MECHANICAL AND ELECTRICAL SERVICES. REFER TO CIVIL, STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS.
- PROPER HOARDING TO BE PROVIDED AROUND ALL NEW EXTERIOR WORK LOCATIONS.

CLIENT

**CITY OF TORONTO**

55 John ST.  
TORONTO, ON  
M5V 3C6

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ISSUES		
No.	DESCRIPTION	DATE
00	ISSUED FOR CONSTRUCTION	2021-10-19

CONSULTANTS

SEAL

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PROJECT TITLE

**CITY OF TORONTO  
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

**CITY OF TORONTO  
ACCESSIBILITY UPGRADES**

PROJECT NO:  
9119- 19- 0162 / IBI 122260

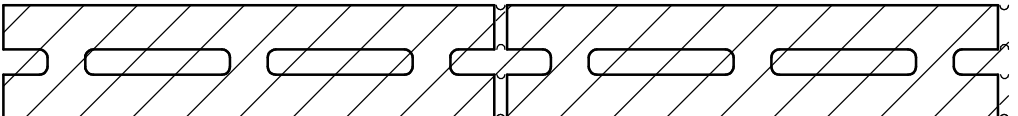
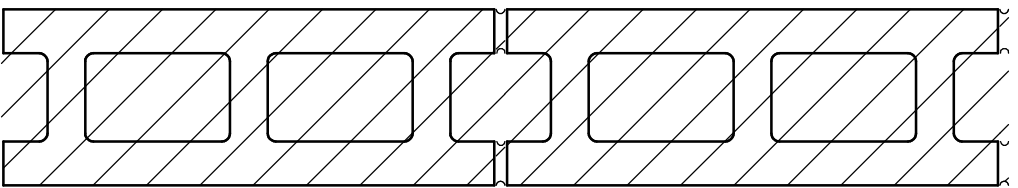
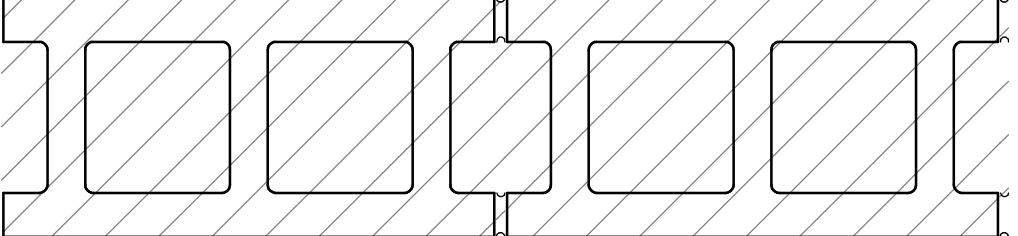
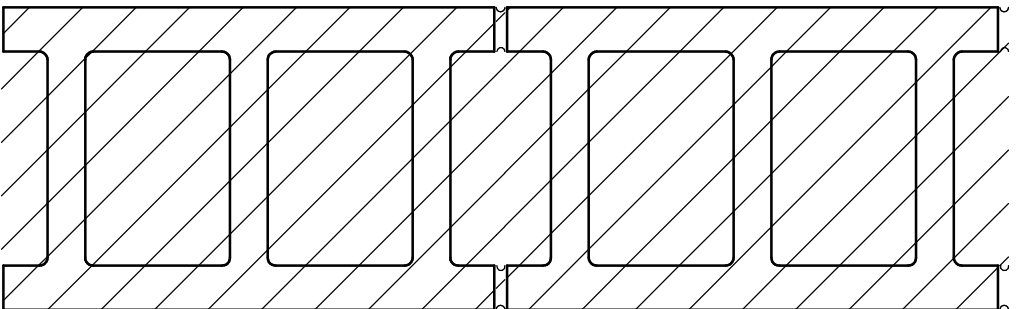
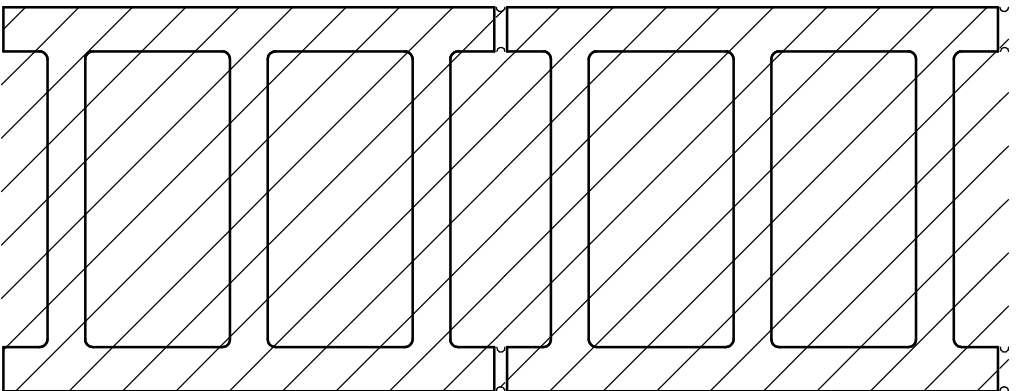
DRAWN BY: <b>A. BOYNARIAN</b>	CHECKED BY: <b>A. VAN VEEN</b>
PROJECT MGR: <b>F. BOLOURIAN</b>	APPROVED BY: <b>E. FENUTA</b>

SHEET TITLE

**GENERAL NOTES,  
ABBREVIATIONS &  
REFERENCE SYMBOLS**

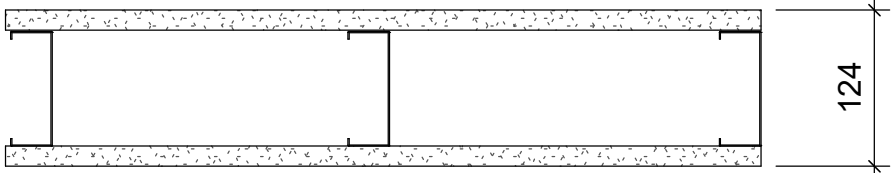
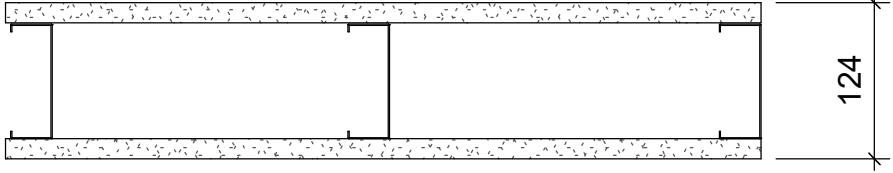
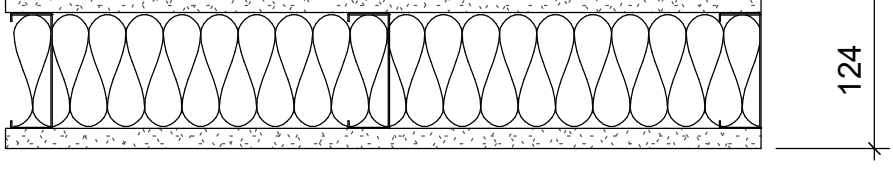
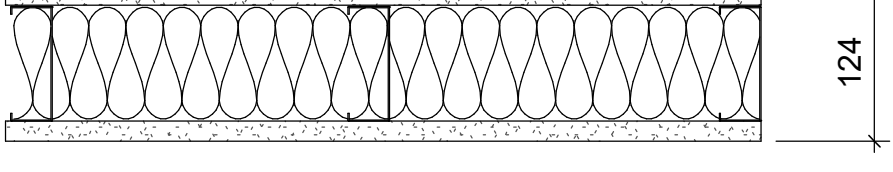
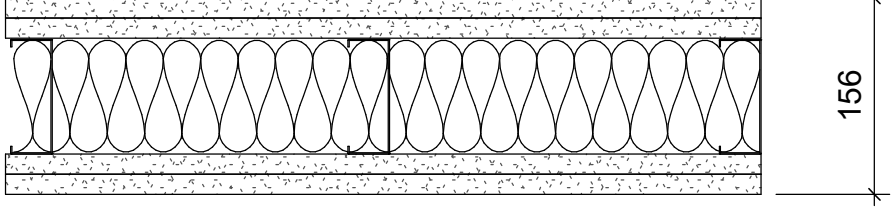
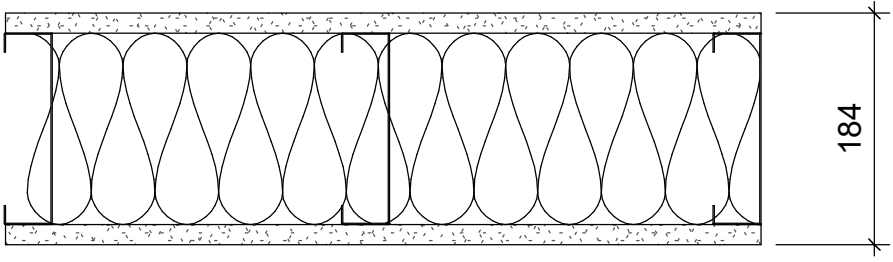
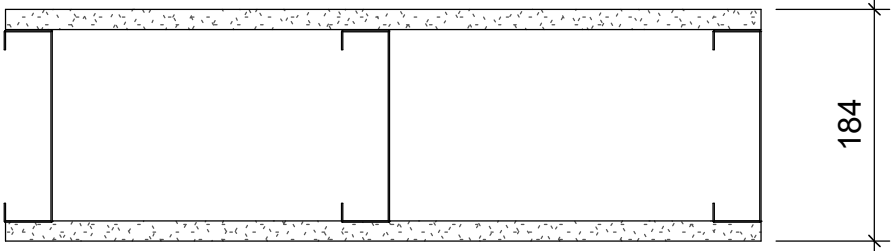
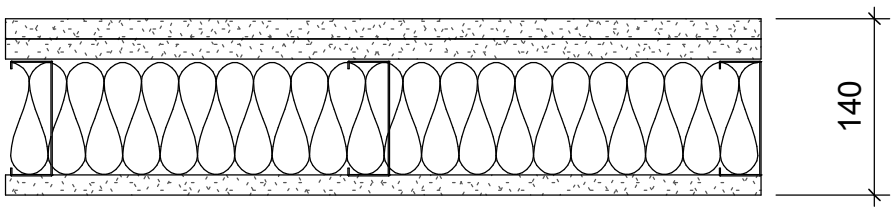
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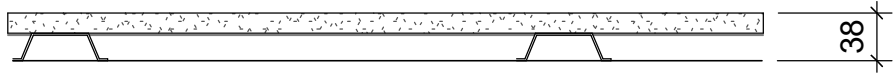
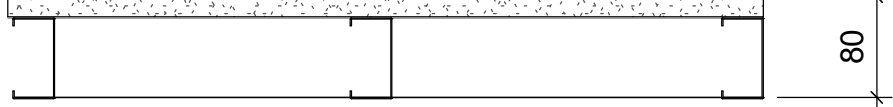
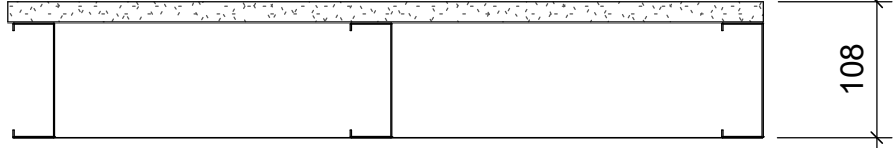
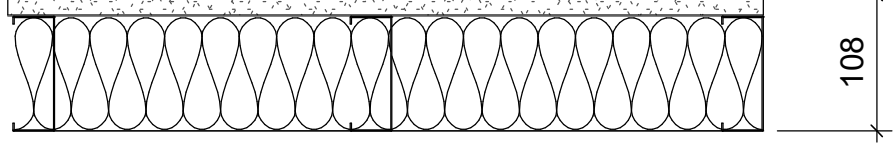


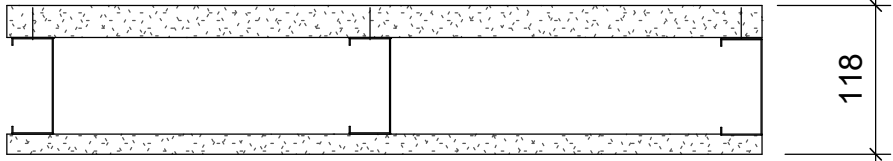
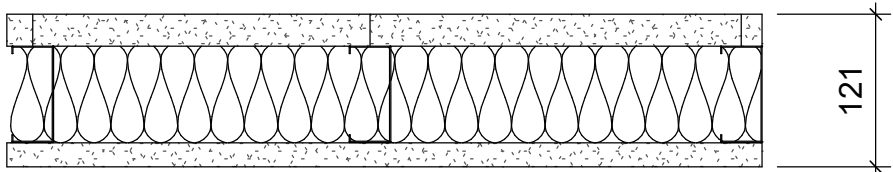
CONCRETE BLOCK				
TYPE NO.	ASSEMBLY	DESCRIPTION	FRR	STC
W1a		- 90mm CONCRETE BLOCK NORMAL WEIGHT TO U/S OF DECK/ SLAB ABOVE		44
W1b		- 140mm CONCRETE BLOCK NORMAL WEIGHT TO U/S OF DECK/ SLAB ABOVE	1.0 HR OBC SB-2	46
W1c		- 190mm CONCRETE BLOCK NORMAL WEIGHT TO U/S OF DECK/ SLAB ABOVE	2.0 HR OBC SB-2	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 ABOV FIN. CEILING - 16mm GYPSUM BOARD - 22mm MIN HAT CHANNEL @ 400 O.C.	
W3b		80mm FURRING - TO 150mm ABOV FIN. CEILING - 16mm GYPSUM BOARD - 64mm MIN STEEL STUDS @ 400 O.C.	
W3c		108mm FURRING - TO 150mm ABOV FIN. CEILING UNLESS OTHERWISE NOTED - 16mm GYPSUM BOARD - 92mm MIN STEEL STUDS @ 400 O.C.	
W3d		108mm FURRING - TO 150mm ABOV 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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TORONTO, ON  
M5V 3C6

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No.	DESCRIPTION	DATE
00	ISSUED FOR CONSTRUCTION	2021-10-19

CONSULTANTS

SEAL

PRIME CONSULTANT



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ibigroup.com

PROJECT TITLE

CITY OF TORONTO  
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

CITY OF TORONTO  
ACCESSIBILITY UPGRADES

PROJECT NO:  
9119- 19- 0162 / IBI 122260

DRAWN BY:  
A. BOYNARIAN

CHECKED BY:  
A. VAN VEEN

PROJECT MGR:  
F.BOLOURIAN

APPROVED BY:  
E. FENUITA

SHEET TITLE

WALL TYPES

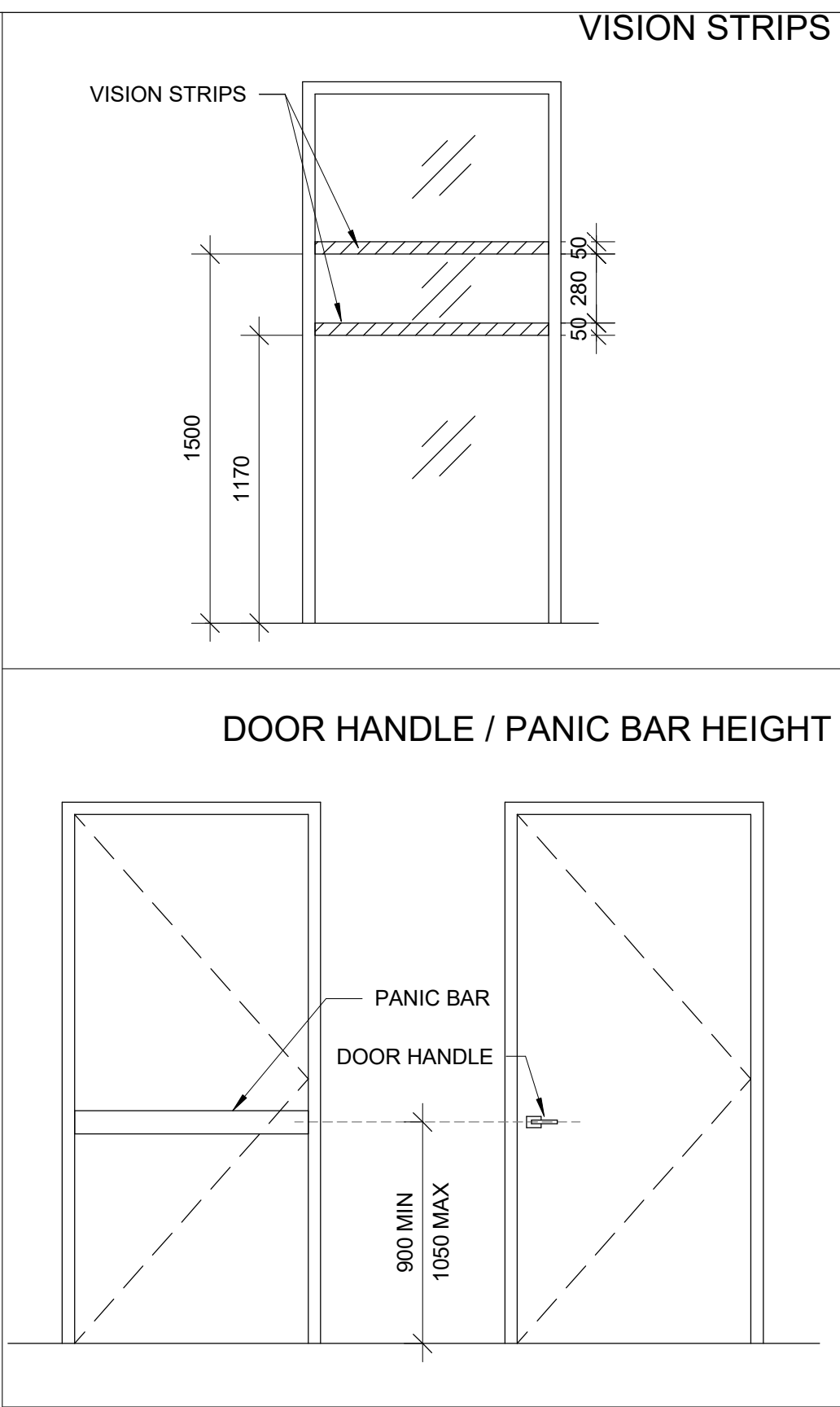
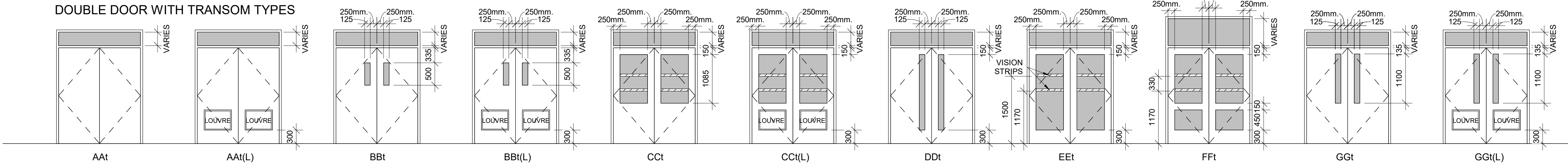
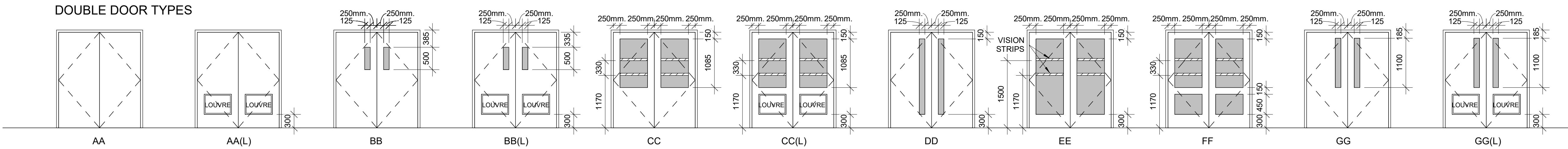
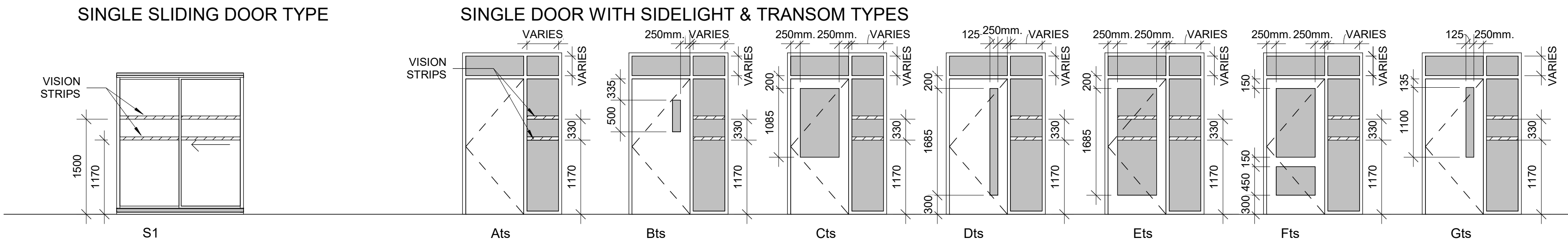
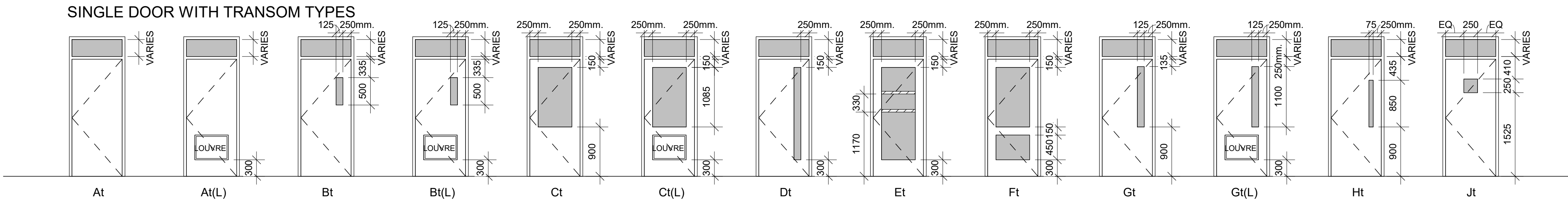
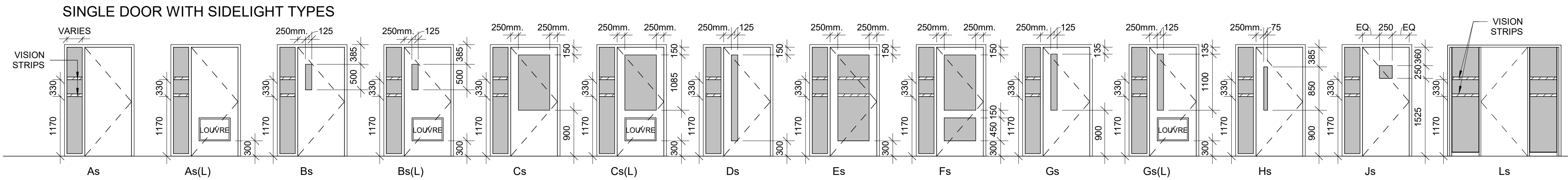
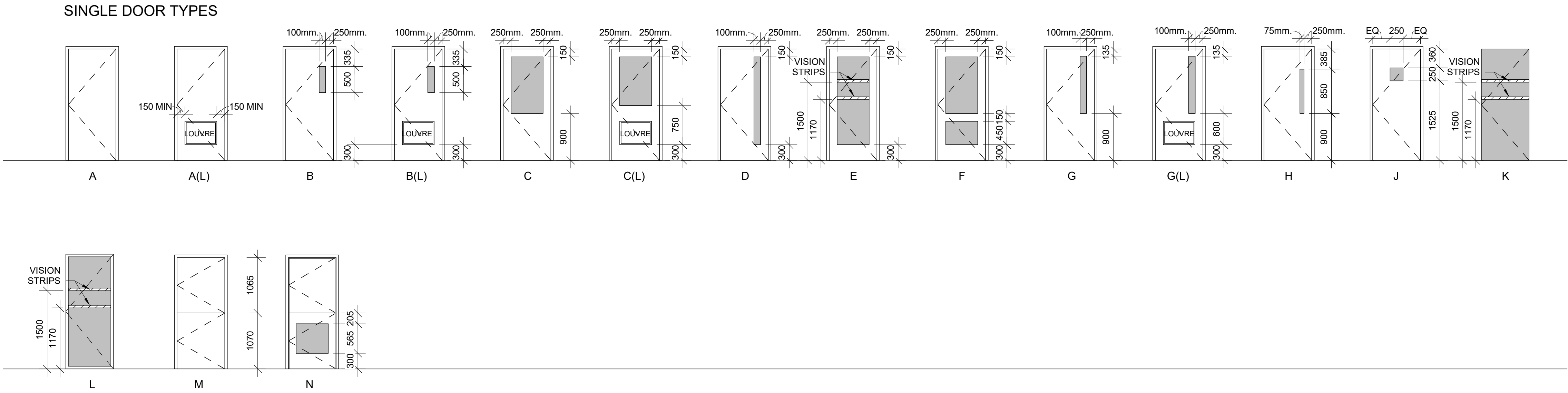
SHEET NUMBER

G08-GAL-G1003

ISSUE

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No.	DESCRIPTION	DATE
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CONSULTANTS		
SEAL		
PRIME CONSULTANT		
IBI GROUP 175 Galaxy Blvd, Unit 100 Toronto, ON M9W 0C9, Canada tel 416 679 1930 fax 416 675 4620 ibigroup.com		
PROJECT TITLE		
CITY OF TORONTO ACCESSIBILITY UPGRADES		
PROJECT ADDRESS		
CITY OF TORONTO ACCESSIBILITY UPGRADES		
PROJECT NO: 9119- 19- 0162 / IBI 122260		
DRAWN BY: A. BOYNARIAN		CHECKED BY: A. VAN VEEN
PROJECT MGR: F. BOLOURIAN		APPROVED BY: E. FENUTA
SHEET TITLE		
DOOR TYPES		
SHEET NUMBER		ISSUE
G08-GAL-G1004		00



# CITY OF TORONTO

# ACCESSIBILITY UPGRADES



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UPGRADES



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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 / IBI 122260

Date: 2021-10-19

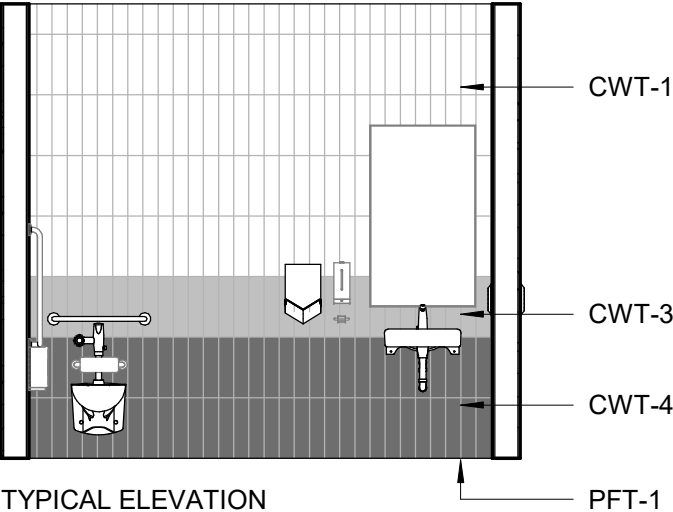
TOUCH AND FEEL INDEX	
SHEET #	SHEET TITLE
T00	COVER PAGE
T01	WASHROOM
T02	WASHROOM ACCESSORIES
T03	WASHROOM FIXTURES & DRINKING FOUNTAIN
T04	KITCHEN MATERIALS AND FIXTURES
T05	RESERVED
T06	TACTILE ATTENTION INDICATORS
T07	TEXTURAL & COLOUR CONTRAST WARNING STRIP AND NOSING
T08	DOOR THRESHOLDS



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



PICTURE 1



PICTURE 2

NOTE: PICTURES ARE ONLY FOR ILLUSTRATION PURPOSES



 <p><b>SHELF: SHLF</b> GAMCO MS-18 STAINLESS STEEL MIRROR SHELF – 18"</p>	 <p><b>SOAP DISPENSER: SD</b> AUTOMATIC WALL-MOUNTED B-2012: WELDED 18-8, TYPE-304, 18-GAUGE (1.0 MM) STAINLESS STEEL WITH SATIN-FINISH. <b>SOAP DISH:</b> SURFACE MOUNTED, STAINLESS STEEL</p>	 <p><b>L-SHAPED GRAB: GB-1</b> 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)</p>	 <p><b>PAPER TOWEL DISPENSER &amp; WASTE RECEPTACLE: PTD/WR (SR)</b> <u>SEMI-RECESSED</u> B-38032: 18-8, TYPE 304, HEAVY-GAUGE STAINLESS STEEL. ALL-WELDED CONSTRUCTION.</p>	 <p><b>PAPER TOWEL DISPENSER AND WASTE RECEPTACLE: PTD/WR (R)</b> <u>RECESSED CONVERTIBLE</u> B-3940: 18-8, TYPE 304, HEAVY-GAUGE STAINLESS STEEL. EXPOSED SURFACES HAVE STAIN-FINISH.</p>	 <p><b>PAPER TOWEL DISPENSER AND WASTE RECEPTACLE: PTD/WR (S)</b> <u>SURFACE-MOUNTED</u> B-3699: 18-8, TYPE 304, 22-GAUGE (0.8mm) STAINLESS STEEL. ALL-WELDED CONSTRUCTION. EXPOSED SURFACES HAVE STAIN-FINISH.</p>
<p><b>COAT HOOK: CTH-1</b> B-983 STAINLESS STEEL, 14- GAUGE AUTO-RELEASE CLOTHES HOOK WITH EXPOSED STAIN FINISH, FACEPLATE WITH SLOPED EDGES.</p> 	 <p><b>HAND DRYER: HNDR</b> DYSON SPRAYED NICKEL 307174-01, NET WEIGHT: 2.9 KG / 6.17 LBS. H:39.3CM X W:19CM X D:10CM</p>				
<p><b>COAT HOOK: CTH-2</b> B-2116 12-GAUGE (2.7mm) CASE HARDENED STEEL. ONE PIECE BRASS CASTING WITH SATIN NICKEL-PLATED FINISH</p> 		 <p><b>L-SHAPED GRAB: GB-2</b> 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)</p>	 <p><b>GRAB BAR: GB-3</b> 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)</p>	 <p><b>GRAB BAR: GB-4</b> 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)</p>	 <p><b>GRAB BAR: GB-5</b> 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)</p>
 <p><b>TOILET TISSUE DISPENSER: TPD</b> 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.</p>	 <p><b>MIRROR: MIR</b> 6 MM" FLOAT GLASS, SELECTED FOR SILVERING, ELECTROLYTICALLY COPPER-PLATED BY GALVANIC PROCESS FURNISH UNITS IN TYPE 430 STAINLESS STEEL FRAMING</p>				
<div><div><div>IBI</div><div>IBI GROUP 175 Galaxy Blvd, Unit 100 Toronto, ON M9W 0C9, Canada tel 416 679 1930 fax 416 675 4620 ibigroup.com</div></div><div><div></div><div>CITY OF TORONTO ACCESSIBILITY UPGRADES  CITY OF TORONTO ACCESSIBILITY UPGRADES</div></div></div> <td colspan="2">DRAWING TITLE:  WASHROOM ACCESSORIES</td> <td colspan="2">Project No: 9119- 19- 0162 / IBI 122260  Date: 2021-10-19  Issue: 50% SUBMISSION</td> <td>NO.  T02</td>	DRAWING TITLE:  WASHROOM ACCESSORIES		Project No: 9119- 19- 0162 / IBI 122260  Date: 2021-10-19  Issue: 50% SUBMISSION		NO.  T02





**LAVATORY SINK: L1H**  
DECORUM WALL HUNG LAVATORY WITH EVERCLEAN 9024-901EC - VITREOUS CHINA - WHITE FINISH - 3 HOLES, 102 MM CENTER - REAR OVERFLOW - RECESSED SELF-DRAINING FAUCET LEDGE



**UNDER-MOUNTED LAVATORY SINK: L2H**  
AMERICAN STANDARD "OVALYN UNIVERSAL ACCESS™ SINK"



**SOAP DISPENSER:**  
MOEN SINGLE MOUNT MODERN STYLE -8560  
ELECTRONIC SOAP DISPENSER "TOUCH FREE"



**FAUCET:**  
MOEN ALIGN SENSOR FAUCET - 8559  
ELECTRONIC 'NO-TOUCH'  
HARDWIRED POWERED FAUCET



**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.



**TOILET: W1**  
WALL HUNG - WHITE FINISH - VITREOUS CHINA WITH EVERCLEAN ANTIMICROBIAL SURFACE



**TOILET: W2**  
FLOOR MOUNTED WHITE FINISH - VITREOUS CHINA WITH EVERCLEAN ANTIMICROBIAL SURFACE



**TOILET WITH TANK: W3**  
FLOOR MOUNTED WHITE FINISH - VITREOUS CHINA WITH EVERCLEAN ANTIMICROBIAL SURFACE



**URINAL: U1H**  
WALL HUNG 6590.001.020 - WASHBROOK FLOWISE - EXTENDED SIDES FOR PRIVACY - WASHDOWN ACTION - FLUSHING RIM - 19 MM DIA.



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DRAWING TITLE:  
**WASHROOM FIXTURES &  
DRINKING FOUNTAIN**

**Project No:** 9119- 19- 0162 / IBI 122260

**Date:** 2021-10-19

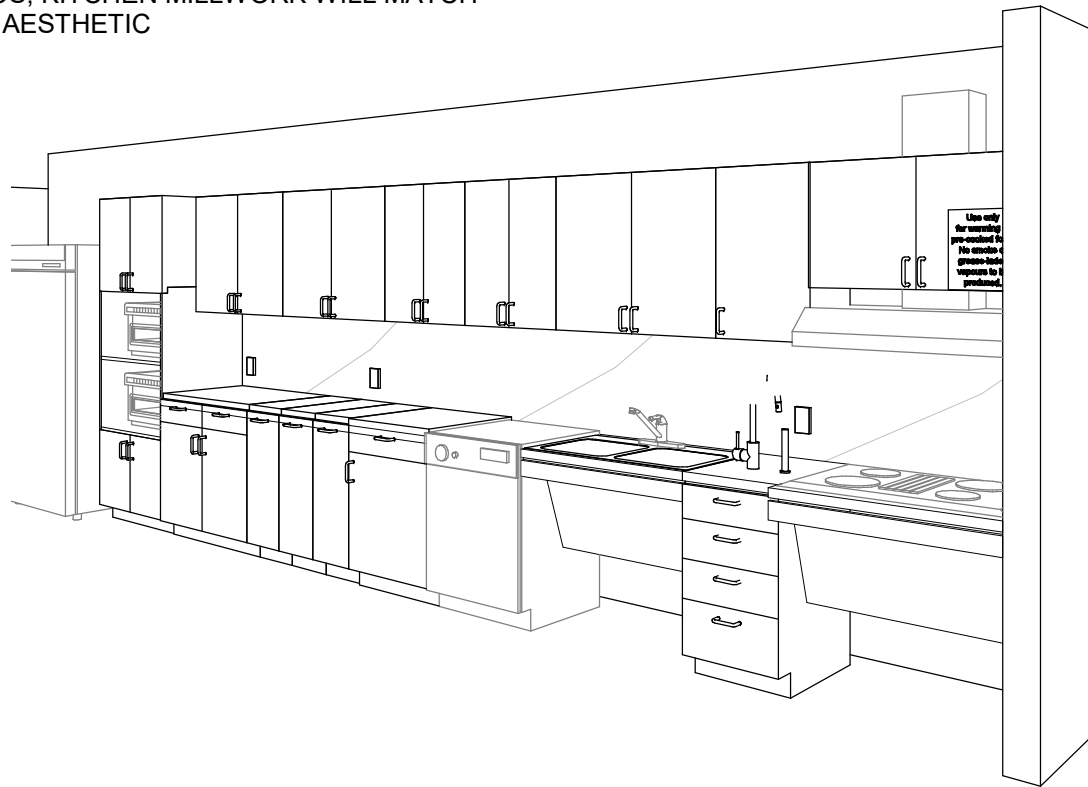
**Issue:** 50% SUBMISSION

**NO.**

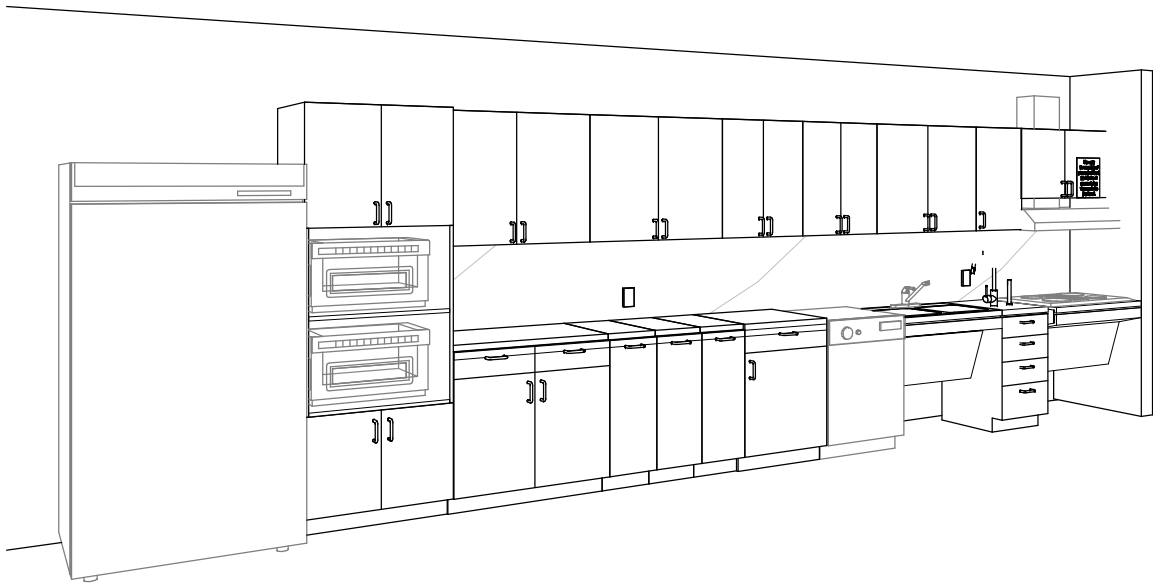
**T03**



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



PERSPECTIVE 1



PERSPECTIVE 2

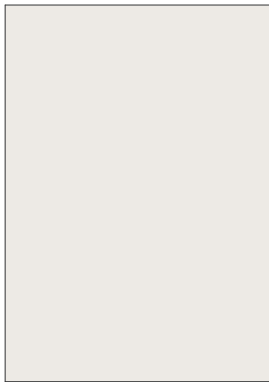
PERSPECTIVE VIEWS ARE REPRESENTATIVE ONLY - REFER TO BUILDING-SPECIFIC DRAWINGS



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



**CABINETS: PLAM-1**  
PLASTIC LAMINATE  
WILSONART NORTH  
SEA D90



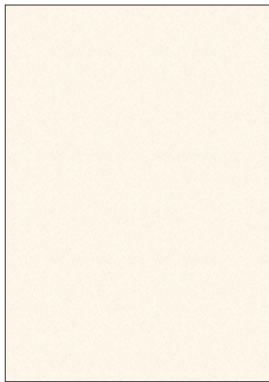
**PAINT: PT-1**  
SHERWIN WILLIAMS SW  
7004 SNOWBOUND  
PAINT SHIELD EGGSHEL  
SHEEN



**FAUCET:**  
AMERICAN STANDARD NO.  
4205104.002



**FAUCET:**  
MOEN MODEL NO. 7545EC



**UPPER CABINETS: PLAM-2**  
PLASTIC LAMINATE  
WILSONART  
ALABASTER D431



**SINK:**  
FRANKE COMMERCIAL  
UCD6405P



**SINK:**  
UCS6105P-1  
SINGLE BOWL



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DRAWING TITLE:

KITCHEN MATERIALS AND FIXTURES

**Project No:** 9119- 19- 0162 / IBI 122260

**Date:** 2021-10-19

**Issue:** 50% SUBMISSION

**NO.**

**T04**



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DRAWING TITLE:

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**Project No:** 9119- 19- 0162 / IBI 122260

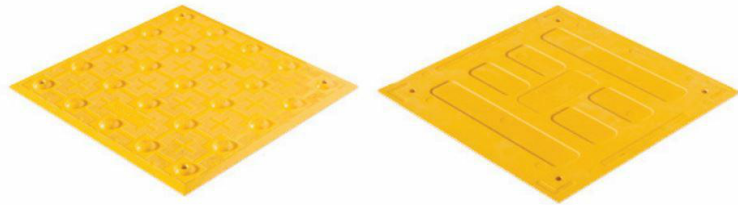
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**Issue:** 50% SUBMISSION

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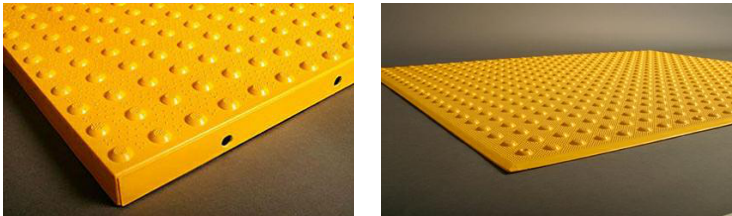
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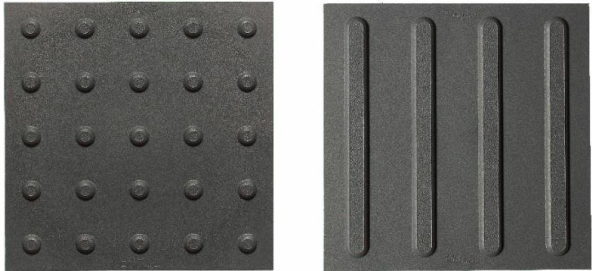
**TA - 1a (SURFACE MOUNTED)**  
**TA - 1b (CAST IN PLACE)**  
**TA - 1c (SURFACE MOUNTED FIRE RATED)**

- COMPOSITE TACTILE INDICATORS
- SURFACE APPLIED SUITABLE FOR INTERIOR APPLICATIONS
  - FIRE RATED TILES FOR INTERIOR APPLICATIONS HIGHER THAN 5 FLOORS
  - CAST IN PLACE SUITABLE FOR EXISTING EXTERIOR IN LOW TRAFFIC AREAS



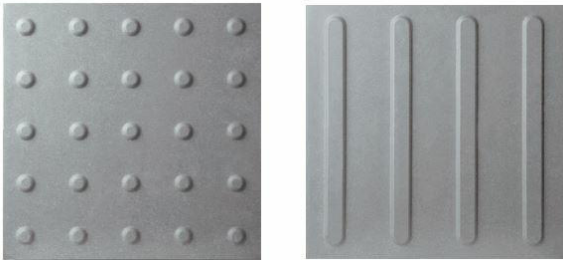
**TA - 2a (SURFACE MOUNTED)**  
**TA - 2b (CAST IN PLACE)**

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



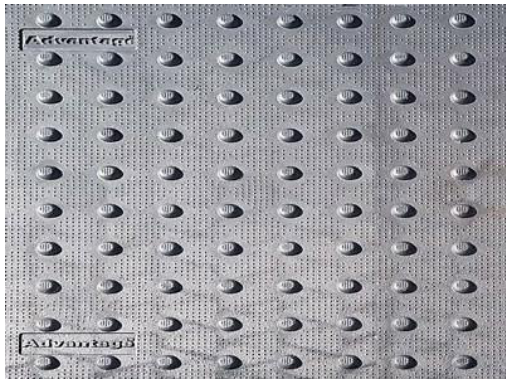
**TA - 3**

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



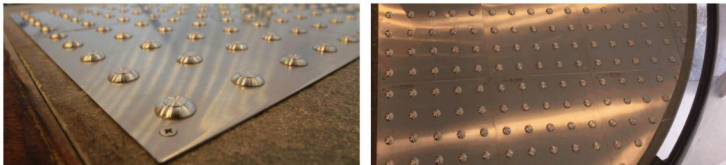
**TA - 4**

- 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



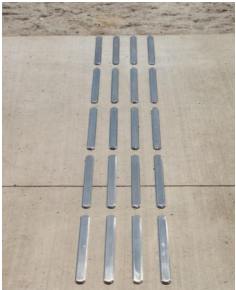
**TA - 6**

- 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





TA - 11 INTERIOR AND EXTERIOR

INTERIOR OR EXTERIOR USE ON SMOOTH SURFACES.

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



TA - 12 EXTERIOR CAST IN PLACE

EXTERIOR USE IN NEW PROJECTS ON CONCRETE.

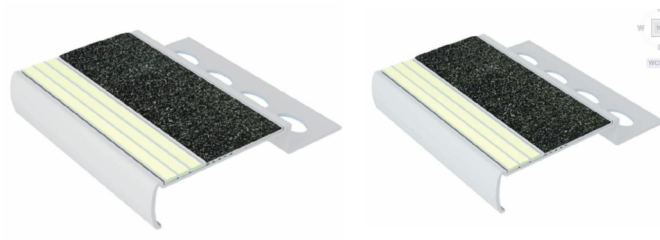
- TEXTURE WARNING STRIP SPECIFICALLY DESIGNED FOR INSTALLATION ON STEP EDGES WHEN CONCRETE IS POURED.
- INSTALLED IN WET-SET CONCRETE.
- SIZES: 50.8MM X 76.2MM WIDE
- REFER TO DRAWINGS FOR REQUIRED LENGTH AND WIDTH



TA - 16 INTERIOR AND EXTERIOR USE ON SMOOTH SURFACES

INTERIOR AND EXTERIOR USE ON SMOOTH SURFACES

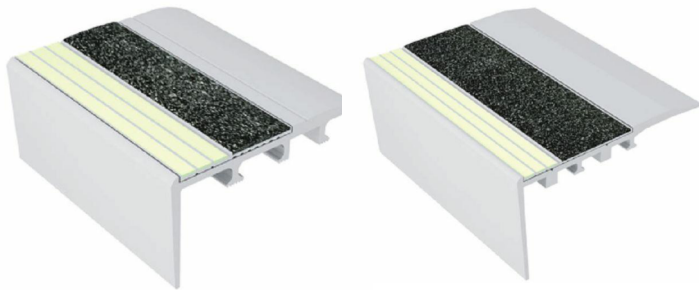
- ANODIZED ALUMINUM NOSE, INSTALLED WITH EITHER NON-SLIP STRIP OR WITH PHOTOLUMINESCENT CONTRAST STRIP.
- AVAILABLE IN 5 DIFFERENT PROFILES TO MATCH THE DESIGN OF THE STEP EDGE
- AFFLICTED WITH ADHESIVE OR ADHESIVE AND SCREWS
- SIZES: 70.1MM - 78.7MM WIDE
- REFER TO DRAWINGS FOR REQUIRED LENGTH AND WIDTH



TA - 17 INTERIOR USE ON TILED SURFACES

INTERIOR USE ON TILED STAIRS.

- 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 CARPETED FLOORING

INTERIOR USE ON CARPETED FLOORING.

- 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

EXTERIOR USE ON POURED CONCRETE:

- 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



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

**Project No:** 9119- 19- 0162 / IBI 122260

**Date:** 2021-10-19

**Issue:** 50% SUBMISSION

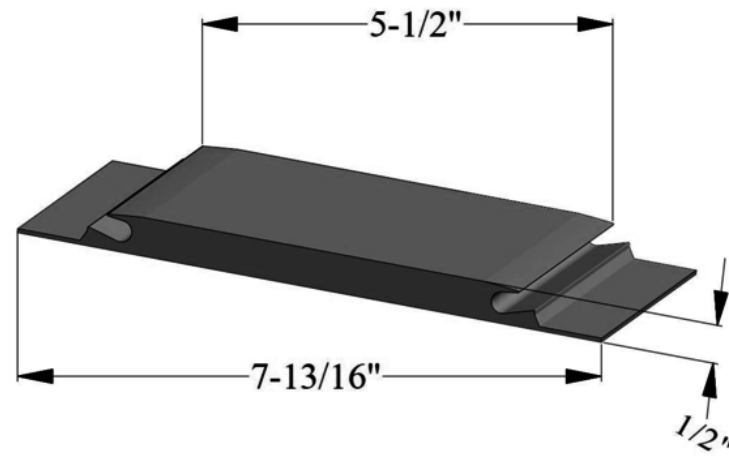
**NO.**

**T07**



TH-1a

VINYL THRESHOLD TRANSITION TO BE USED FOR ALL SITUATIONS DISPLAYED IN THIS ROW (COLOUR TO BE SPECIFIED)



VT-XX-M2

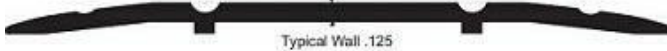
TH-2a

METAL THRESHOLD FOR PARKING DOORS (VINYL TO VINYL)



TH-3a

METAL THRESHOLD FOR PARKING DOORS (VINYL TO VINYL)



TH-4a

ANODIZED ALUMINUM THRESHOLD FOR TRANSITION BETWEEN NEW AND EXISTING FLOOR



TH-5a

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



# CITY OF TORONTO

# ACCESSIBILITY UPGRADES

# TYPICAL DETAILS BOOKLET

9119- 19- 0162 / IBI 122260

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
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
D1901 to D1907 - SIGNAGE DETAIL DRAWINGS **ADDED AFTER TENDER - CHANGE TO BE ISSUED	

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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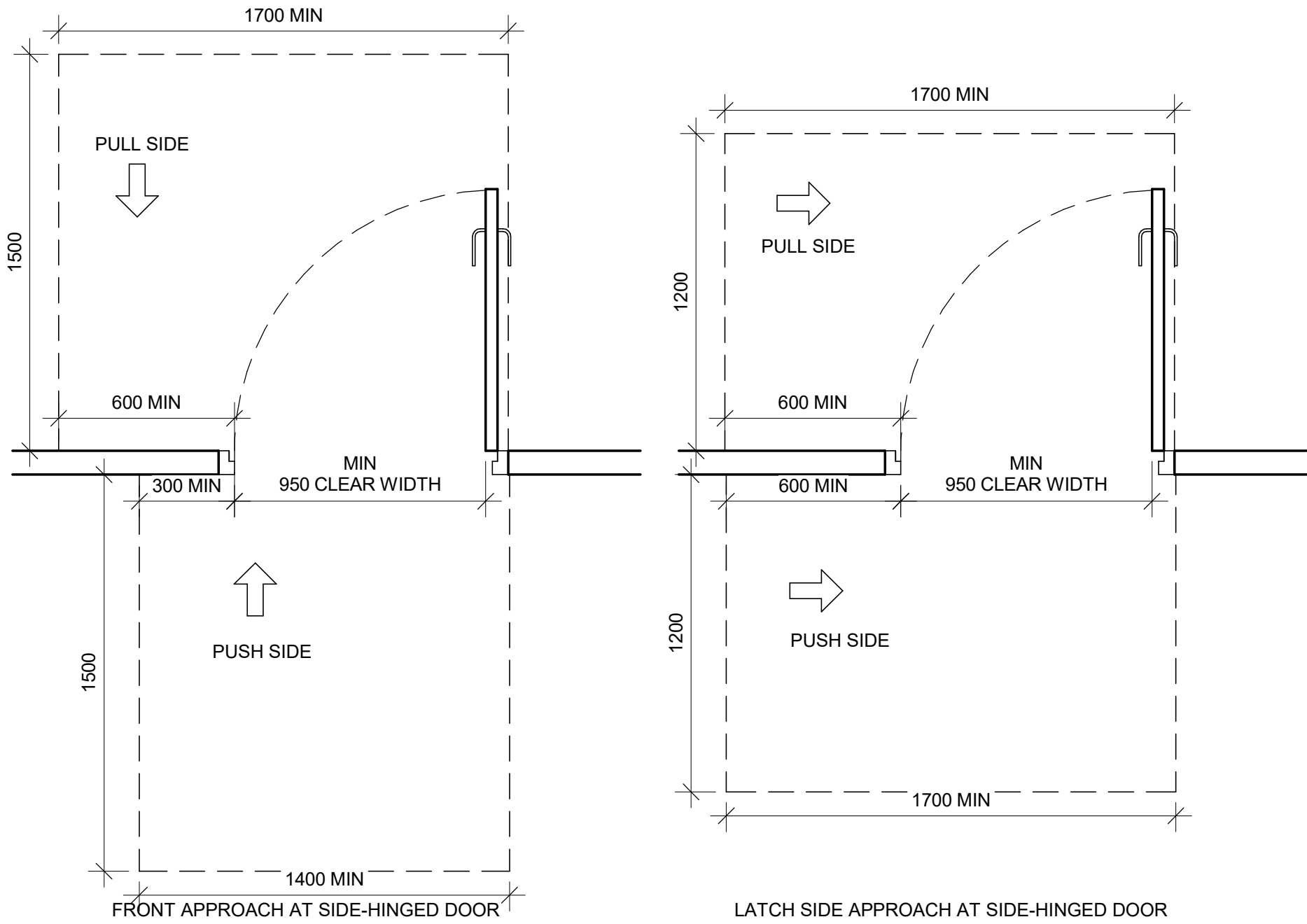
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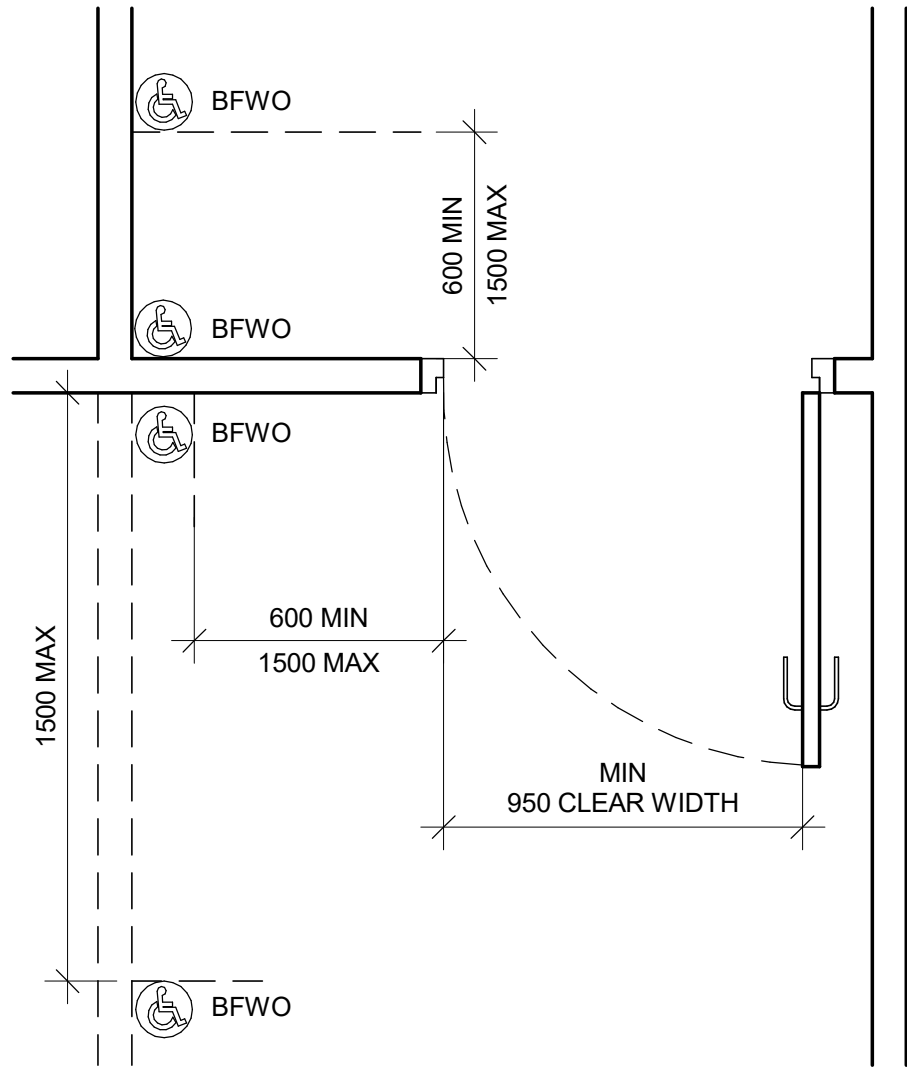


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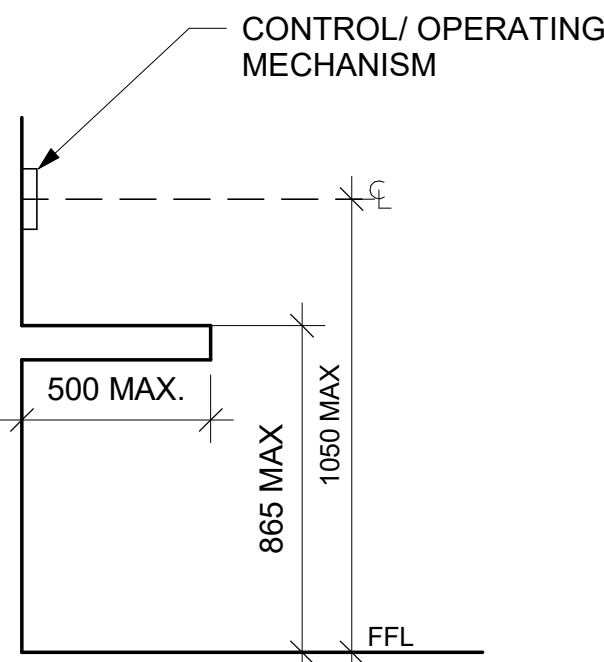
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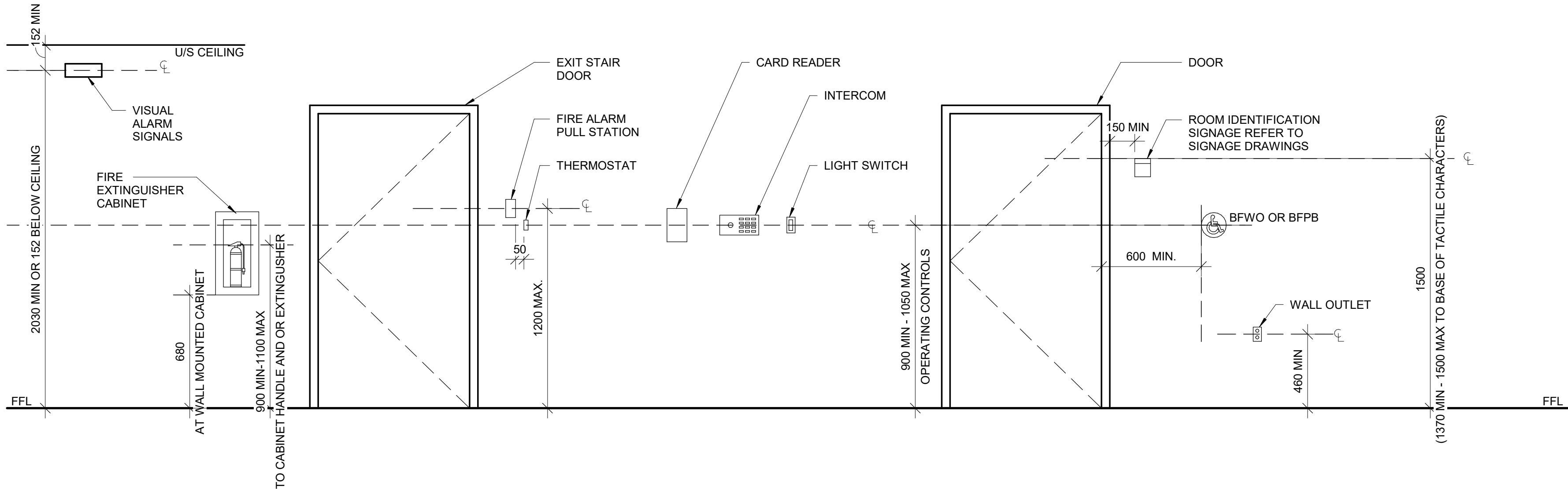
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D1001 SCALE: 1 : 20



3  
D1001 SCALE: 1 : 20



4  
D1001 SCALE: 1 : 20



5  
D1001 SCALE: 1 : 20

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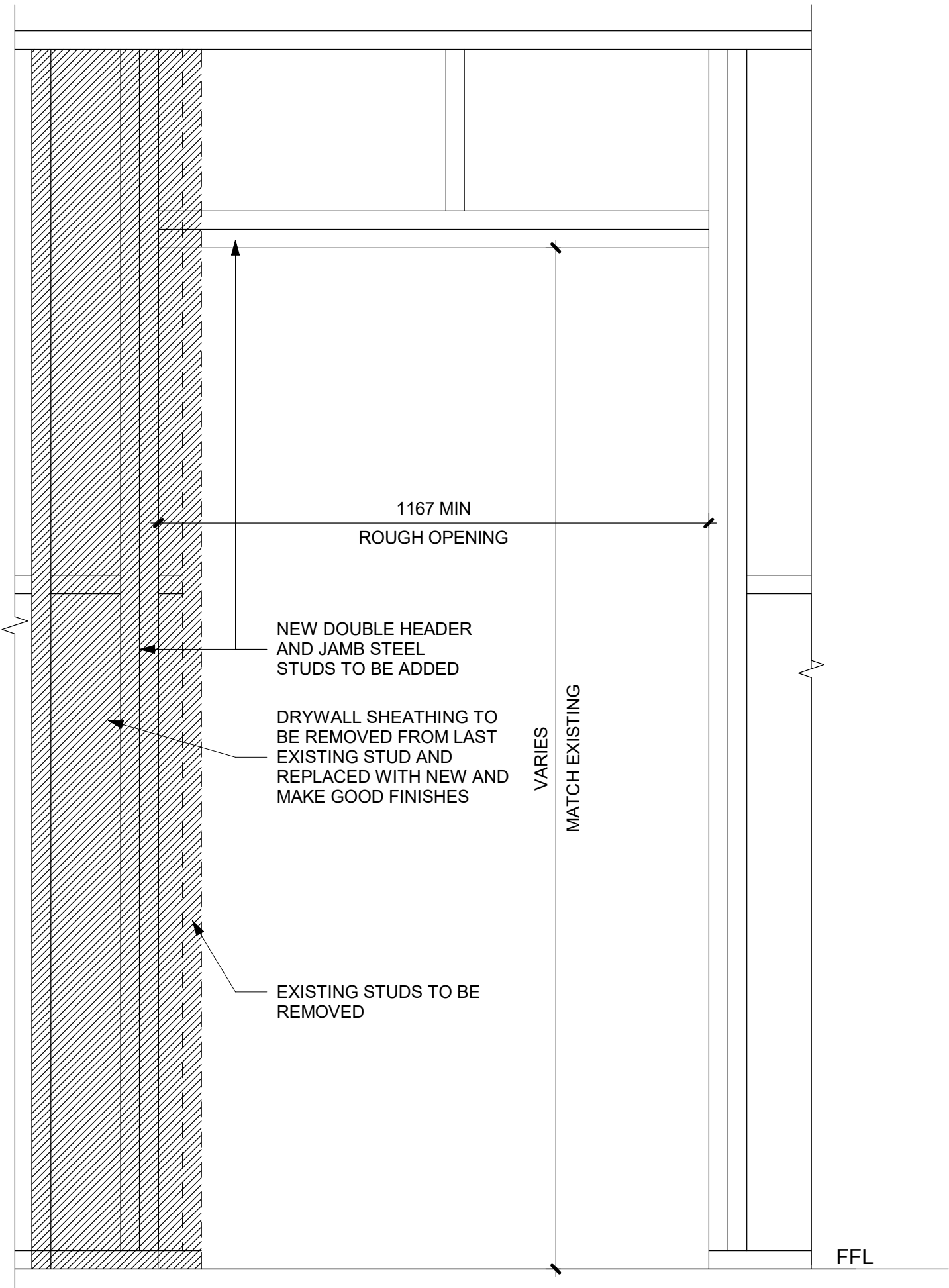
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**CITY OF TORONTO  
ACCESSIBILITY UPGRADES**

**PROJECT ADDRESS**  
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ACCESSIBILITY UPGRADES**

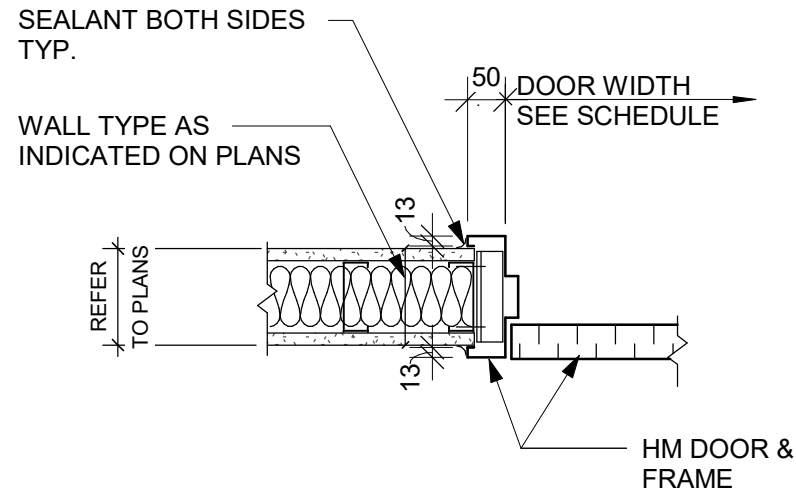
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9119- 19- 0162 / IBI 122260  
**DRAWN BY:**  
A. BOYNARIAN  
**CHECKED BY:**  
A. VAN VEEN  
**PROJECT MGR:**  
F. BOLOURIAN  
**APPROVED BY:**  
E. FENUTA

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

**SHEET NUMBER**  
**D1001**  
**ISSUE**  
**00**



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



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

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

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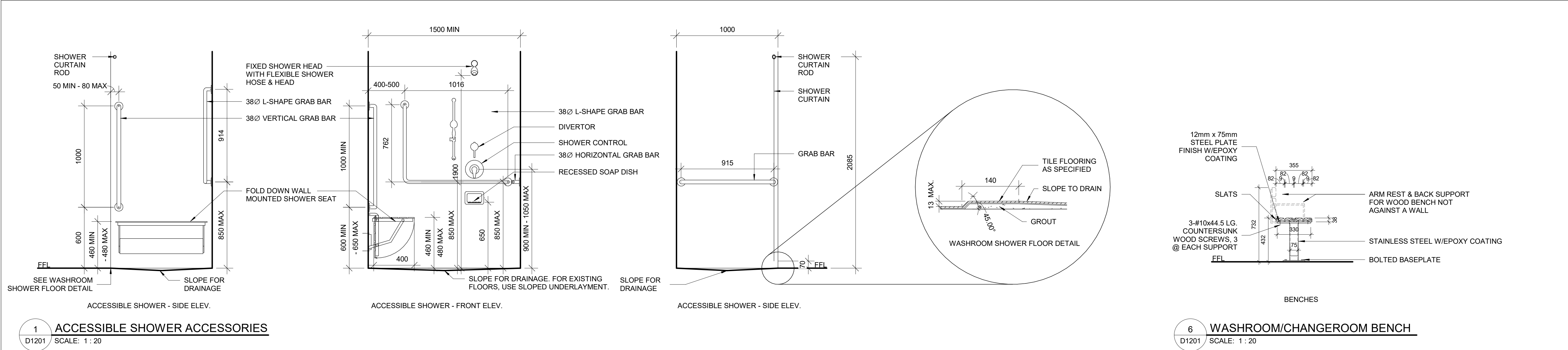
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PROJECT MGR:  
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CHECKED BY:  
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APPROVED BY:  
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SHEET TITLE  
DRYWALL CUT OUT

SHEET NUMBER	ISSUE
D1002	00





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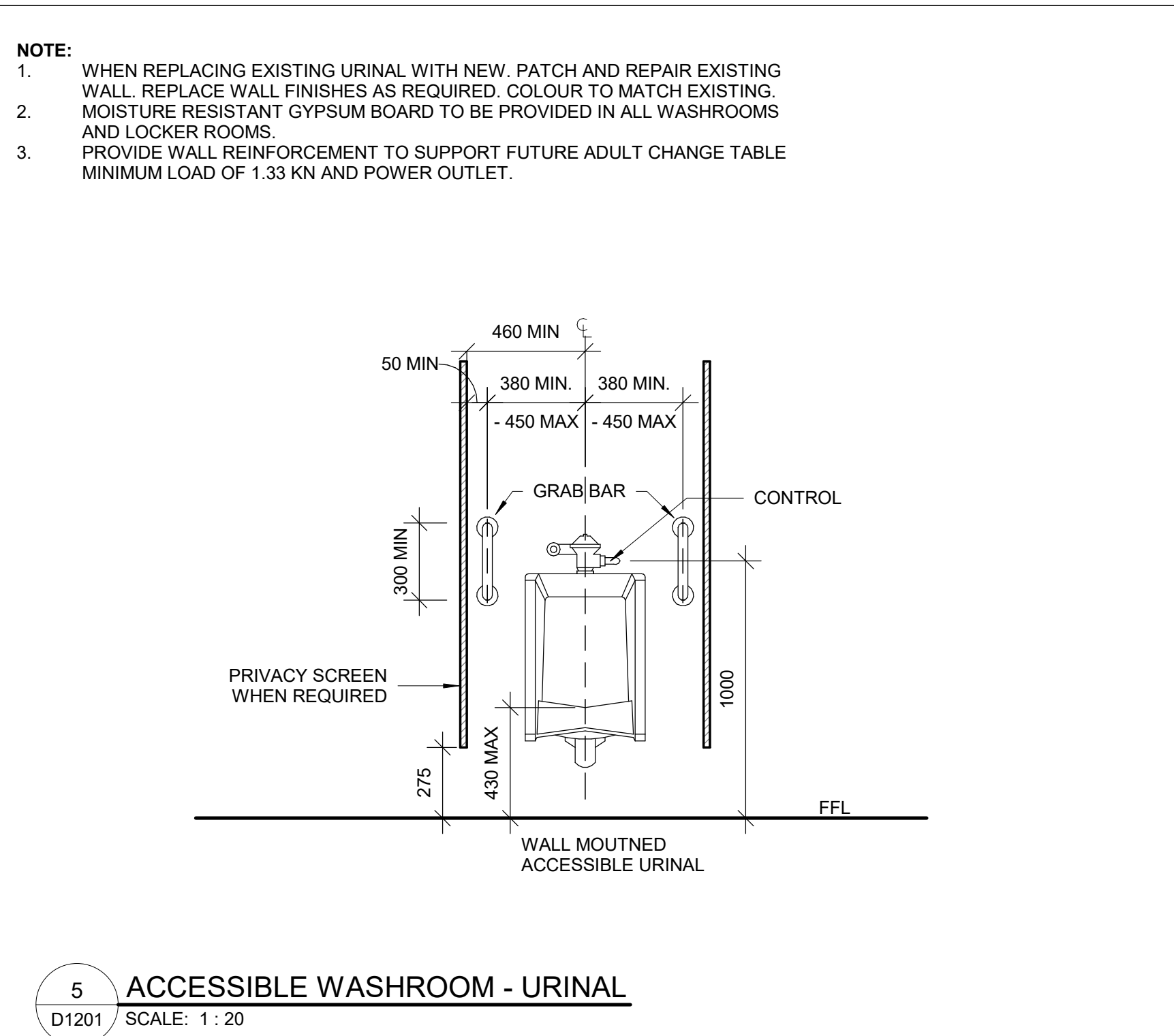
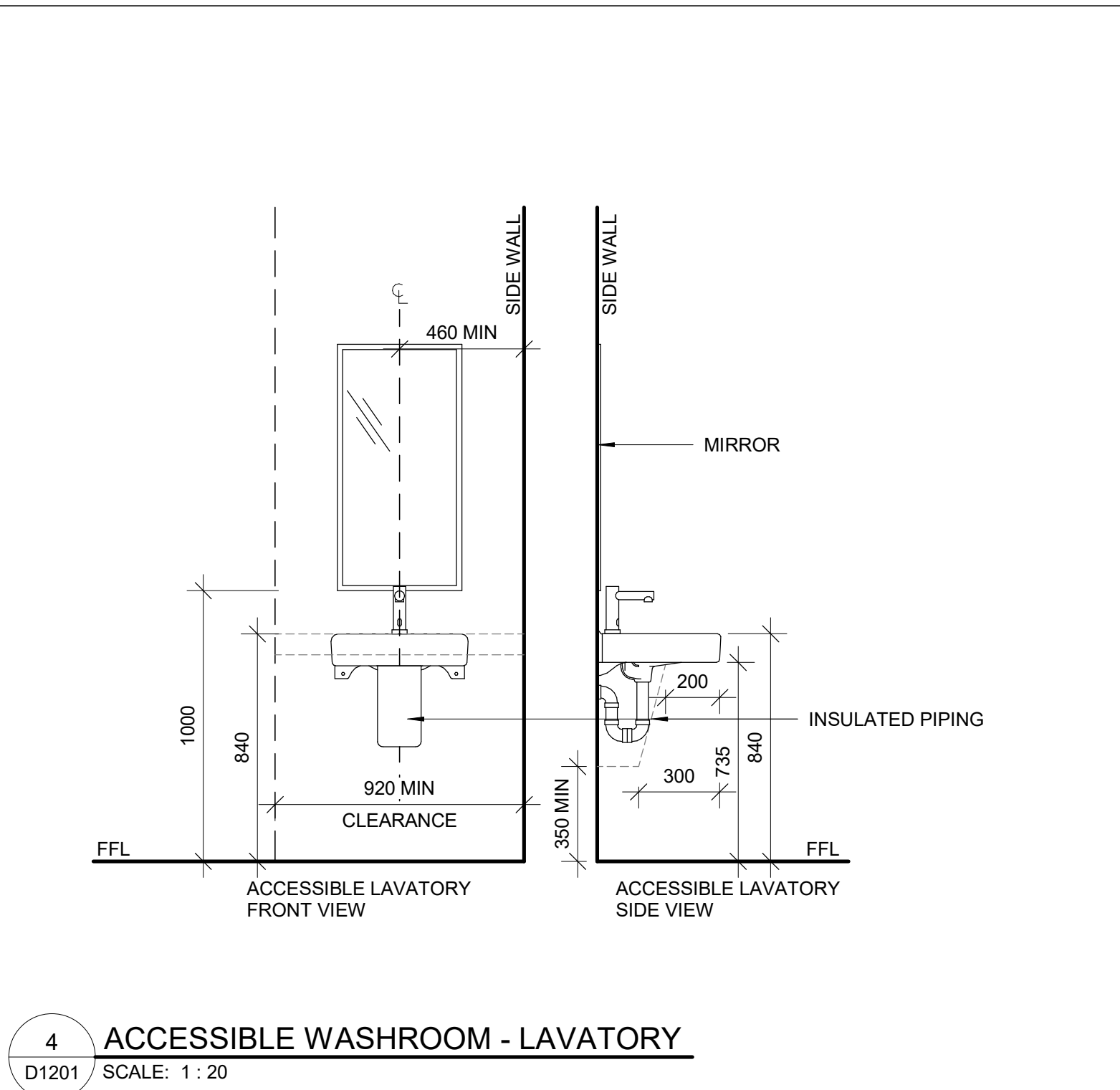
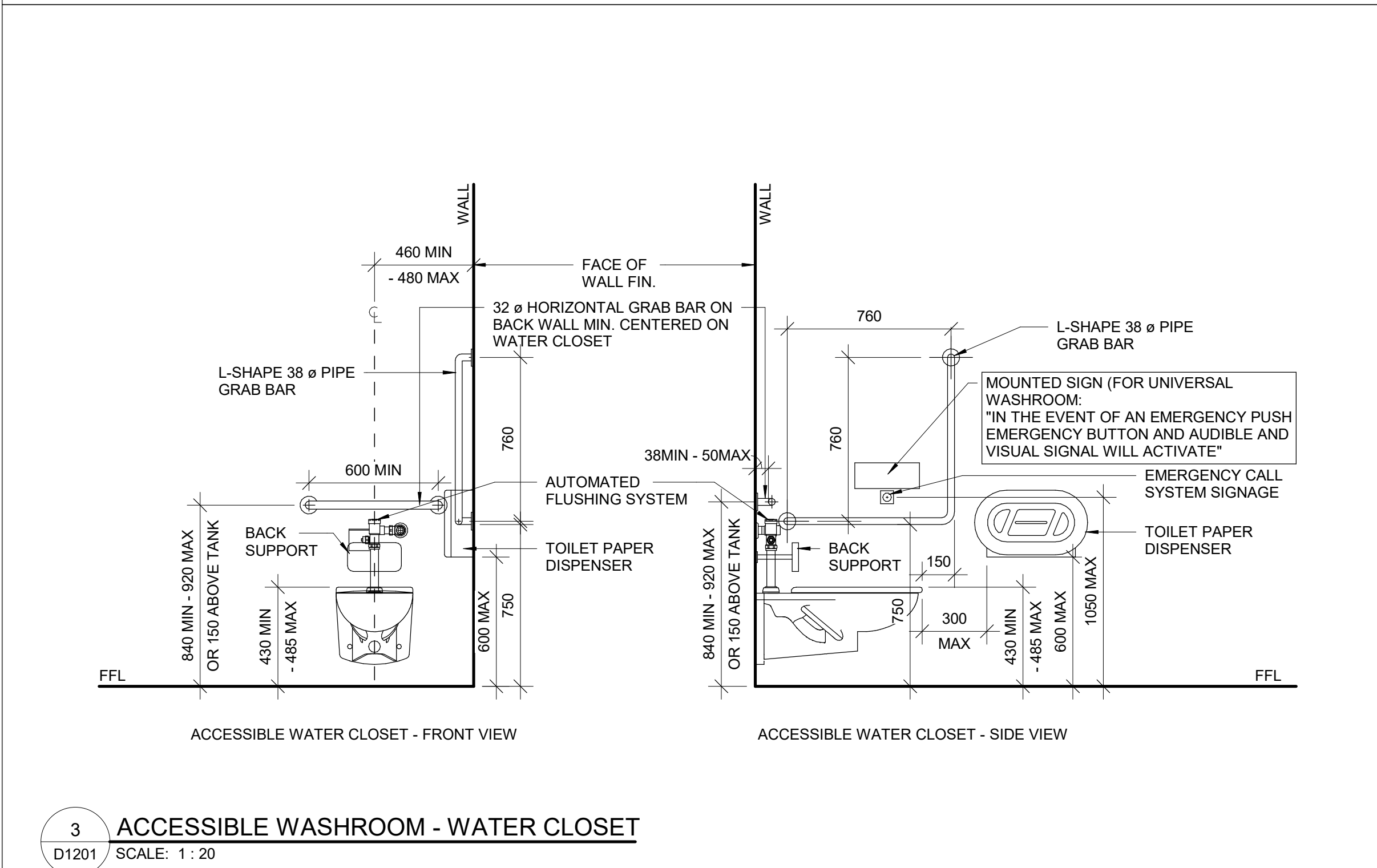
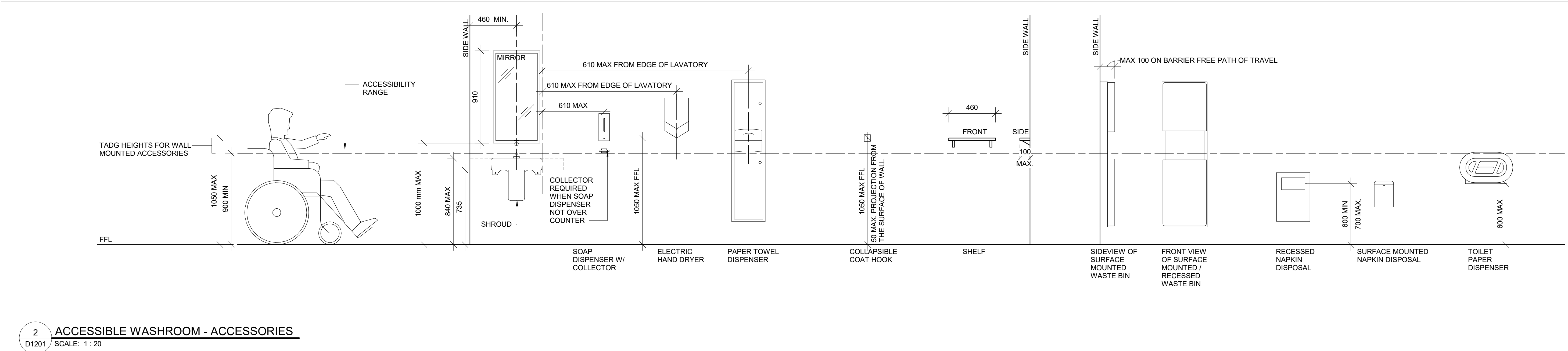
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PROJECT MGR: <b>F. BOLOURIAN</b>	APPROVED BY: <b>E. FENUTA</b>

SHEET TITLE  
**ACCESSIBLE WASHROOM,  
SHOWER & ACCESSORIES  
DETAILS**

SHEET NUMBER <b>D1201</b>	ISSUE <b>00</b>
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PROJECT MGR:  
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APPROVED BY:  
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ISSUE



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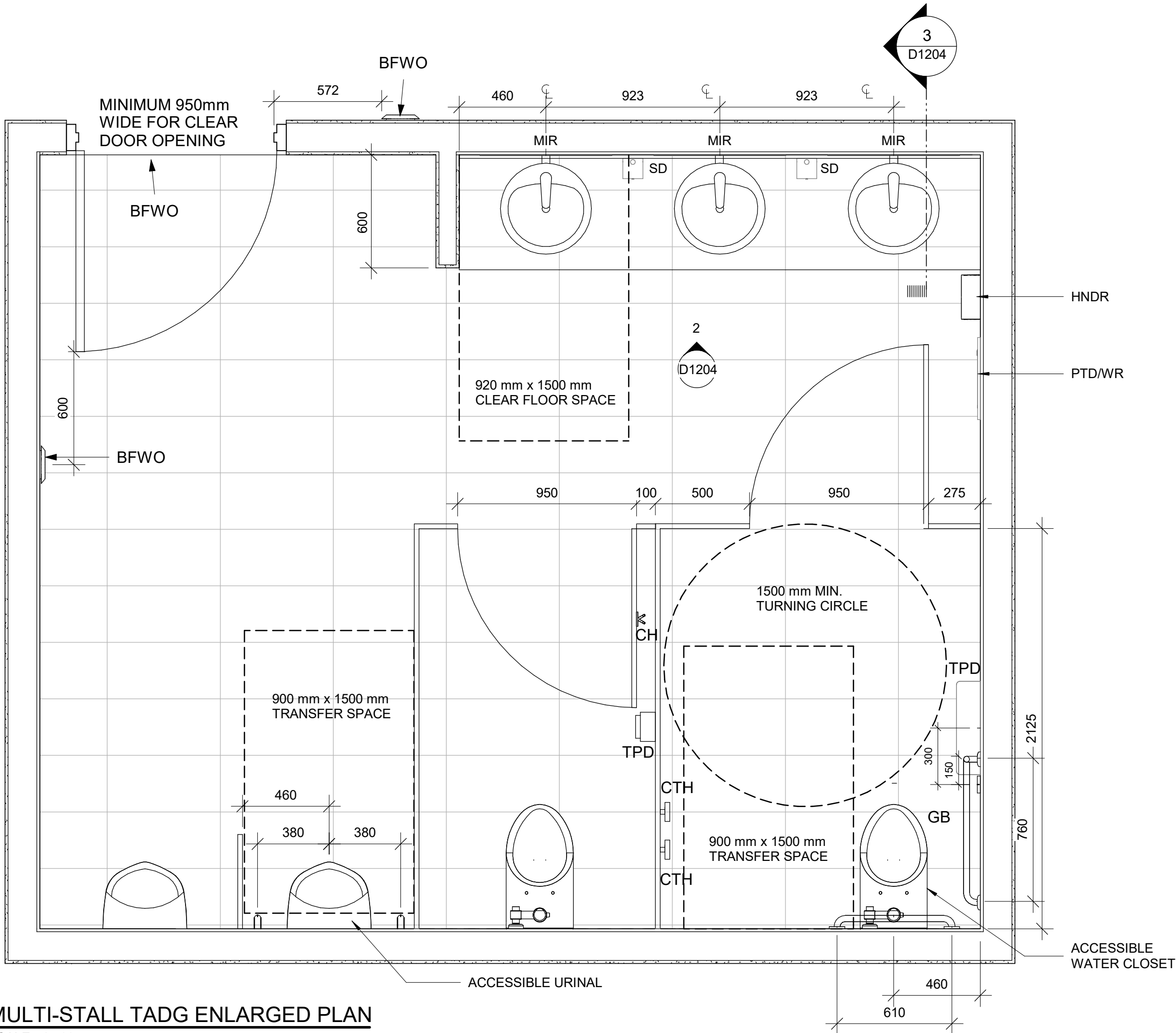
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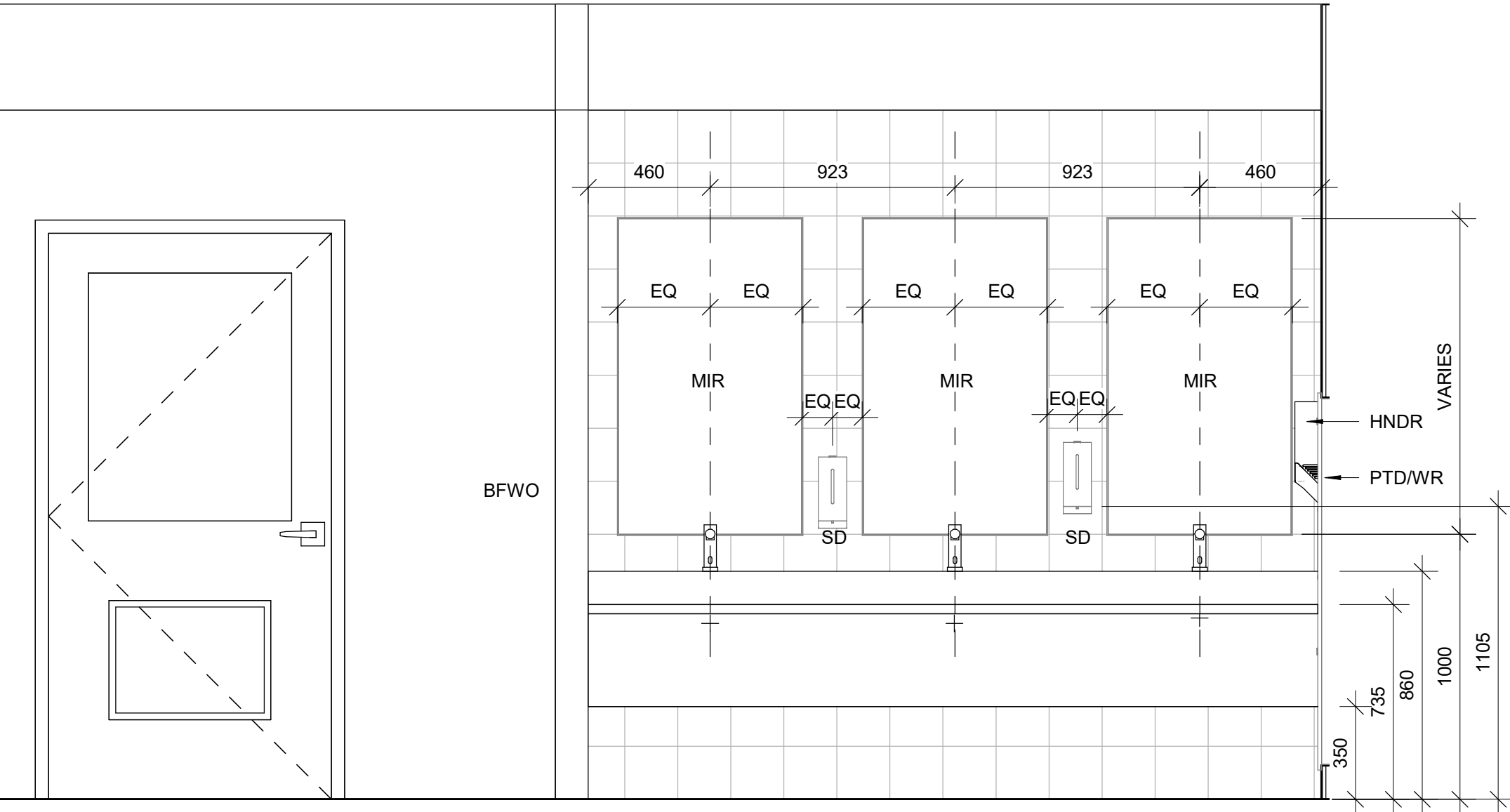
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PROJECT MGR: F.BOLOURIAN	APPROVED BY: E. FENUTA									
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<div>SHEET NUMBER</div> <div>D1203</div>		<div>ISSUE</div> <div>00</div>								



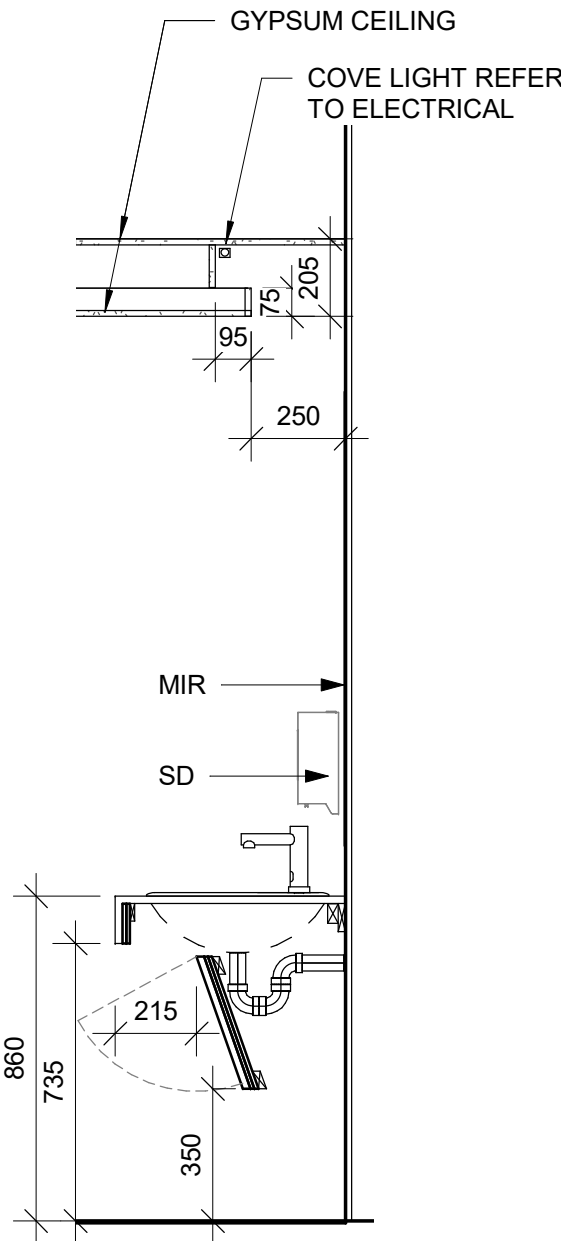
1 MULTI-STALL TADG ENLARGED PLAN  
D1204 SCALE: 1 : 20

WASHROOM ACCESSORIES	
ABR	DESCRIPTION
ANUN	ASSISTANCE REQUIRED INDICATOR/ALARM
AR-LED	DOOR LOCK INDICATOR
BFACT	BARRIER FREE ADULT CHANGE TABLE
BFPB	BARRIER FREE PUSH BUTTON
BR	BACKREST
CTH	COAT HOOK
ECB	EMERGENCY CALL BUTTON
ECS	EMERGENCY CALL SIGNAGE
FFL	FINISH FLOOR LEVEL
GRB	GRAB BAR
GBFD	GRAB BAR FOLD DOWN
HNDR	HAND DRYER
MIR	MIRROR
OCI	OCCUPIED INDICATOR
PTD	PAPER TOWEL DISPENSER
PTD/WR	PAPER TOWEL DISPENSER & WASTE RECEPTACLE
PTLB	PUSH TO LOCK BUTTON
PTOB	PUSH TO OPEN BUTTON
SD	SOAP DISPENSER
SHLF	SHELF
SHWC	SHOWER CURTAIN AND ROD
SHWS	SHOWER SEAT
SPD	SOAP DISPENSER WITH COLLECTOR
TPD	TOILET PAPER DISPENSER

- UNIVERSAL WASHROOM GENERAL NOTES:
- ALL DIMENSIONS ARE TAKEN FROM FINISH FLOOR SURFACE.
  - MOISTURE RESISTANT GYPSUM BOARD TO BE PROVIDED IN ALL WASHROOMS AND LOCKER ROOMS.
  - PROVIDE WALL REINFORCEMENT TO SUPPORT FUTURE ADULT CHANGE TABLE MINIMUM LOAD OF 1.33 KN AND POWER OUTLET
  - SEE STANDARD MOUNTING HEIGHT DETAILS 2/D1201, 3/D1201, 4/D1201 & 5/D1202
  - WASHROOM ARRANGMENTS FOR ILLUSTRATION PURPOSES - REFER TO EACH BUILDING ENLARGED PLAN WASHROOM FOR EXACT ARRANGEMENT



2 MULTI-STALL TADG ELEVATION  
D1204 SCALE: 1 : 20



3 MULTI-STALL TADG SECTION  
D1204 SCALE: 1 : 20

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CITY OF TORONTO



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PROJECT TITLE

CITY OF TORONTO  
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

CITY OF TORONTO  
ACCESSIBILITY UPGRADES

PROJECT NO:

9119- 19- 0162 / IBI 122260

DRAWN BY:

A. BOYNARIAN

CHECKED BY:

A. VAN VEEN

PROJECT MGR:

F. BOLOURIAN

APPROVED BY:

E. FENUITA

SHEET TITLE

MULTI-STALL WASHROOM  
PLANS

SHEET NUMBER

D1204

ISSUE

00



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PROJECT TITLE  
CITY OF TORONTO  
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

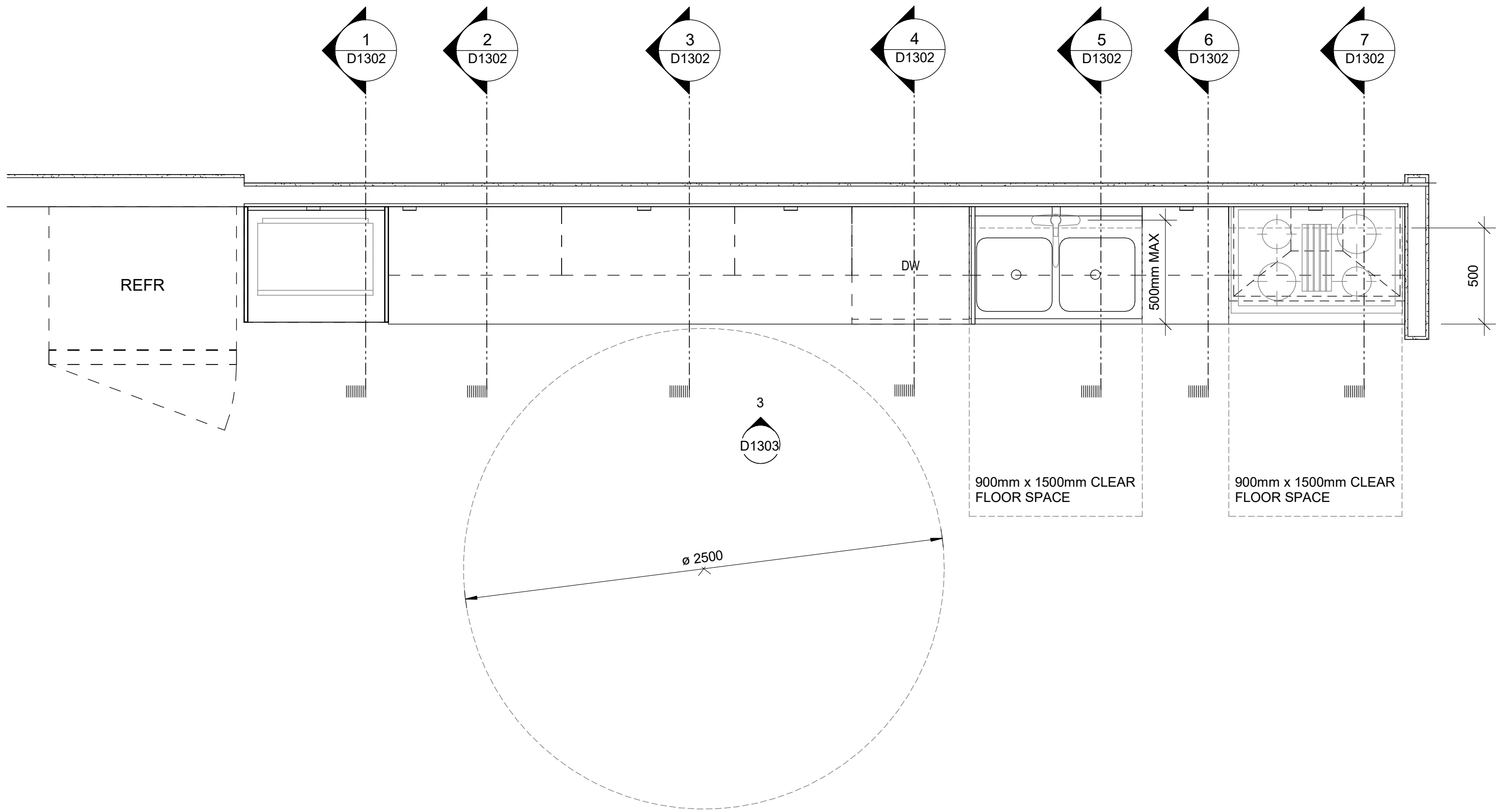
CITY OF TORONTO  
ACCESSIBILITY UPGRADES

PROJECT NO:  
9119- 19- 0162 / IBI 122260

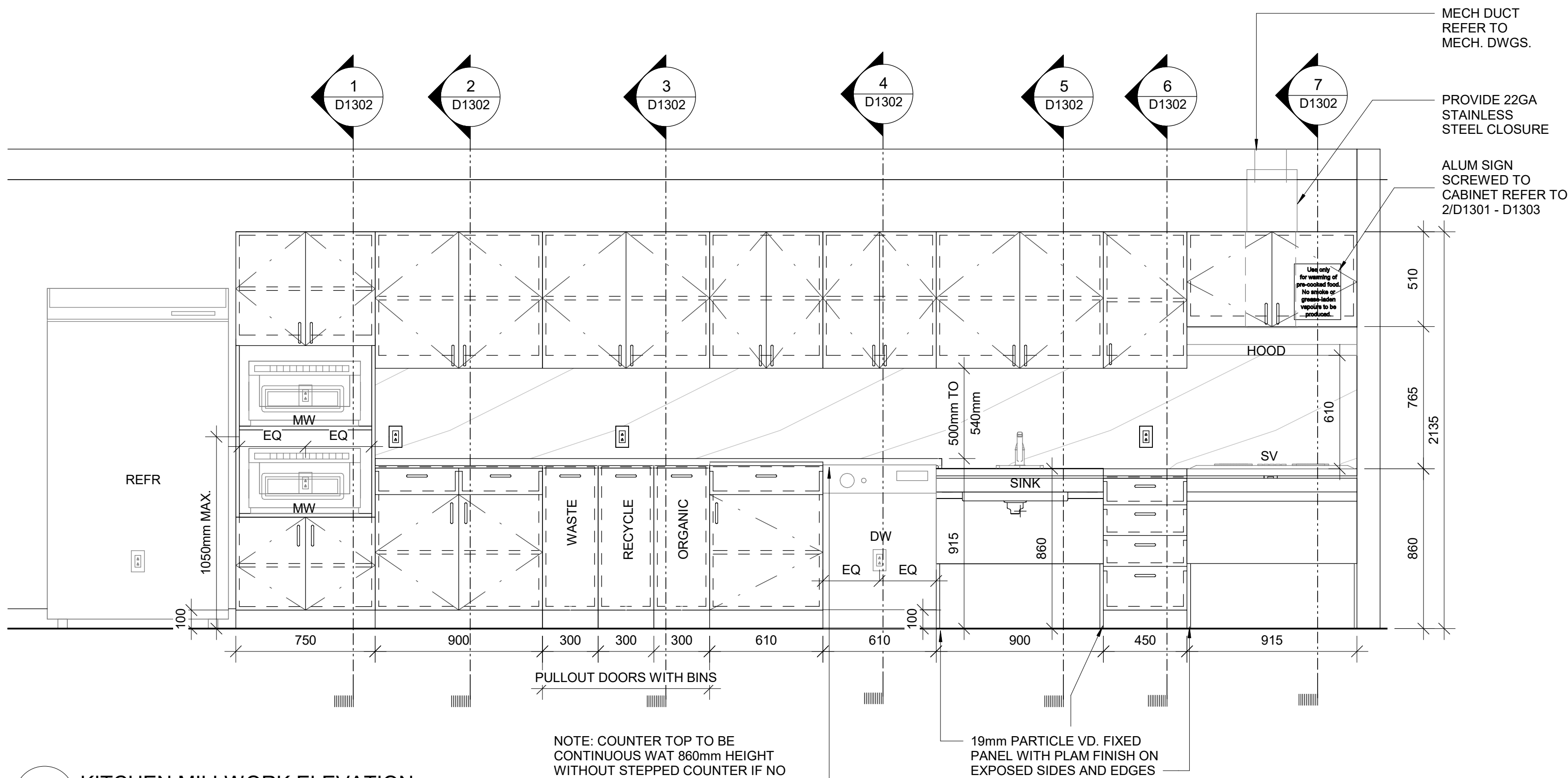
<b>DRAWN BY:</b> <b>A. BOYNARIAN</b>	<b>CHECKED BY:</b> <b>A. VAN VEEN</b>
<b>PROJECT MGR:</b> <b>F. BOLOURIAN</b>	<b>APPROVED BY:</b> <b>E. FENUTA</b>

SHEET TITLE	RESERVED
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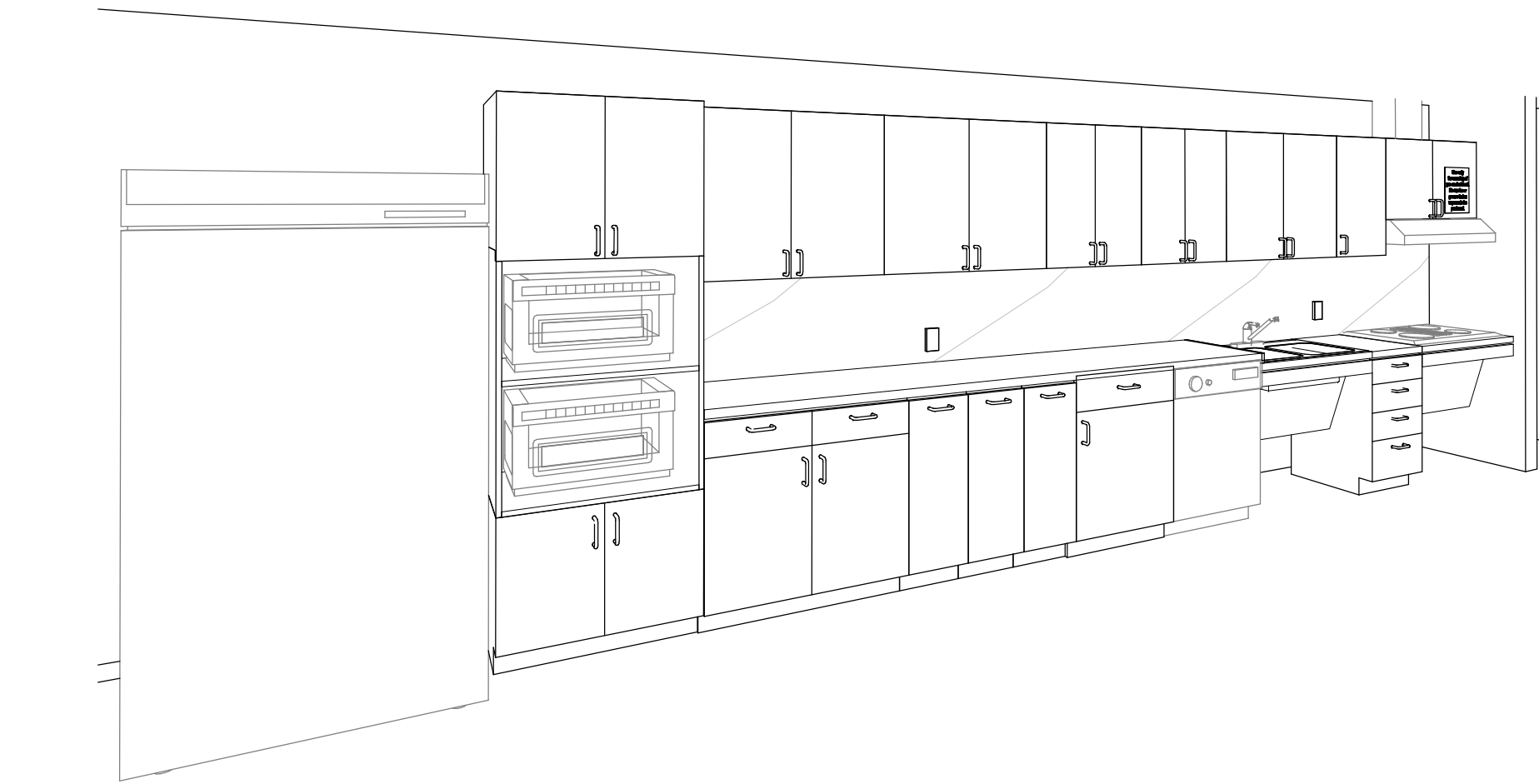
SHEET NUMBER	ISSUE
D1205	00



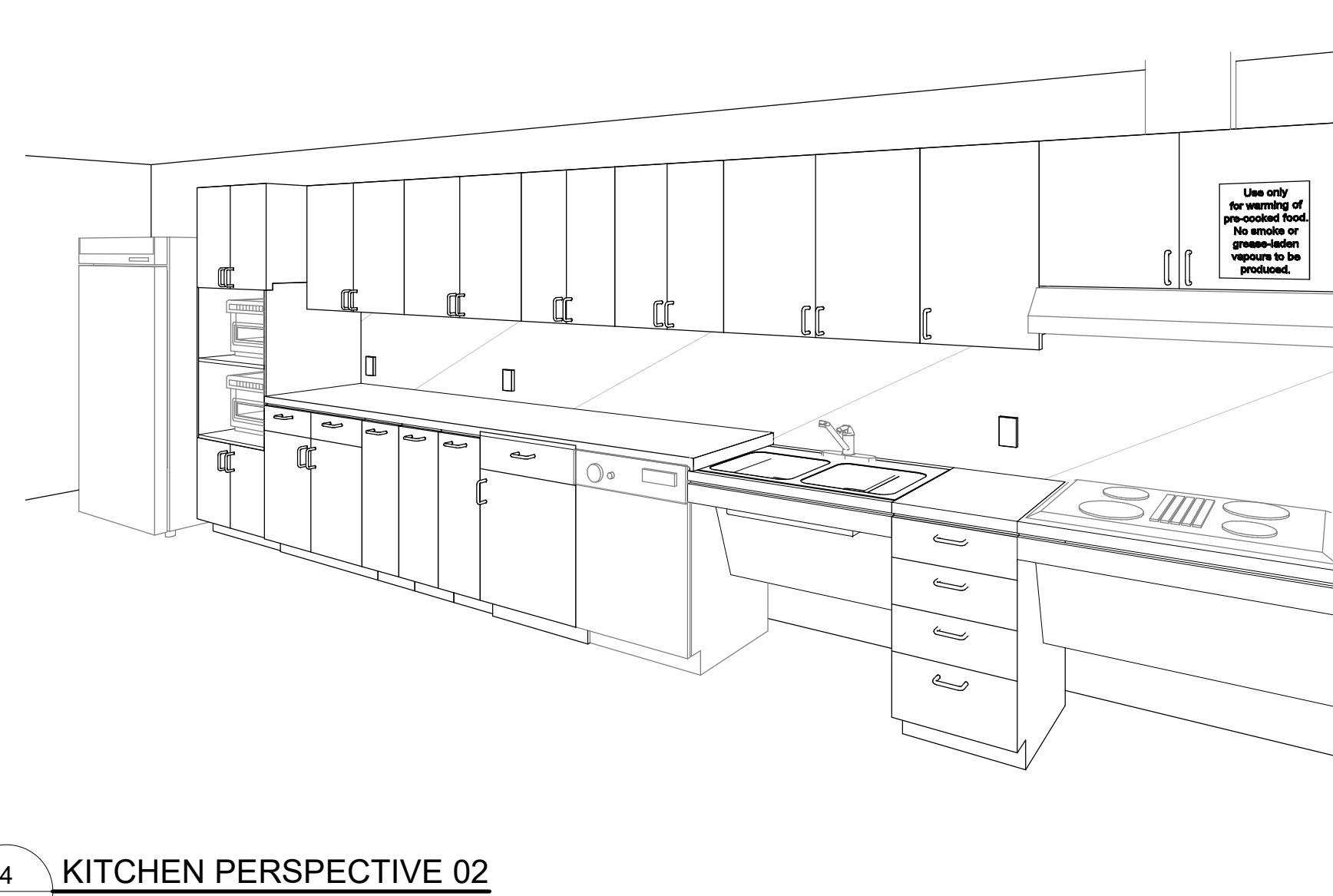
1 KITCHEN MILLWORK PLAN  
D1301 SCALE: 1 : 20



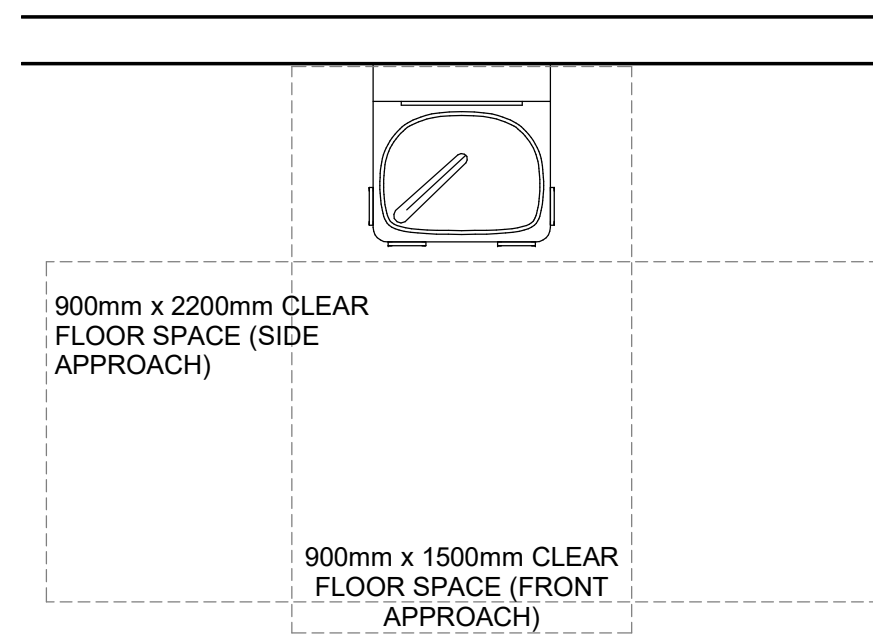
2 KITCHEN MILLWORK ELEVATION  
D1301 SCALE: 1 : 20



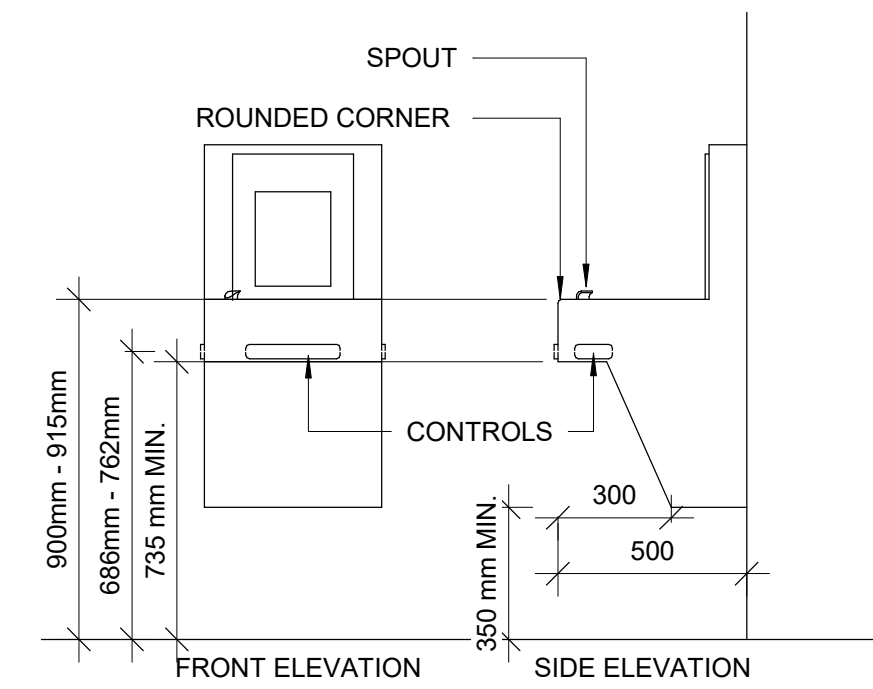
3 KITCHEN PERSPECTIVE 01  
D1301 SCALE:



4 KITCHEN PERSPECTIVE 02  
D1301 SCALE:



5 DRINKING FOUNTAIN PLAN  
D1301 SCALE: 1 : 20



6 DRINKING FOUNTAIN ELEVATIONS  
D1301 SCALE: 1 : 20

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

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**CITY OF TORONTO  
ACCESSIBILITY UPGRADES**

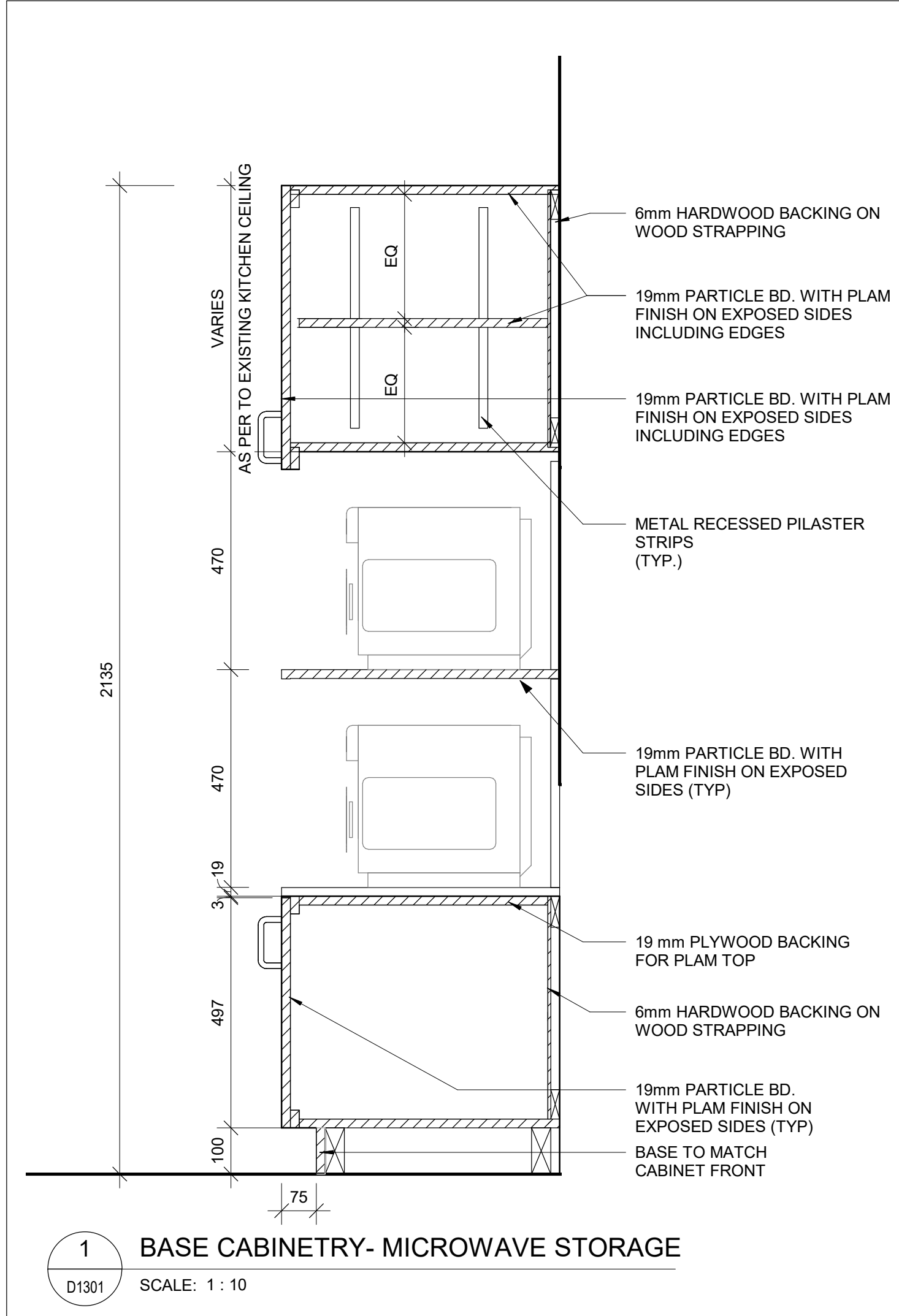
PROJECT ADDRESS  
**CITY OF TORONTO  
ACCESSIBILITY UPGRADES**

PROJECT NO:  
9119- 19- 0162 / IBI 122260  
DRAWN BY:  
**A. BOYNARIAN**  
PROJECT MGR:  
**F. BOLOURIAN**  
CHECKED BY:  
**A. VAN VEEN**  
APPROVED BY:  
**E. FENUITA**

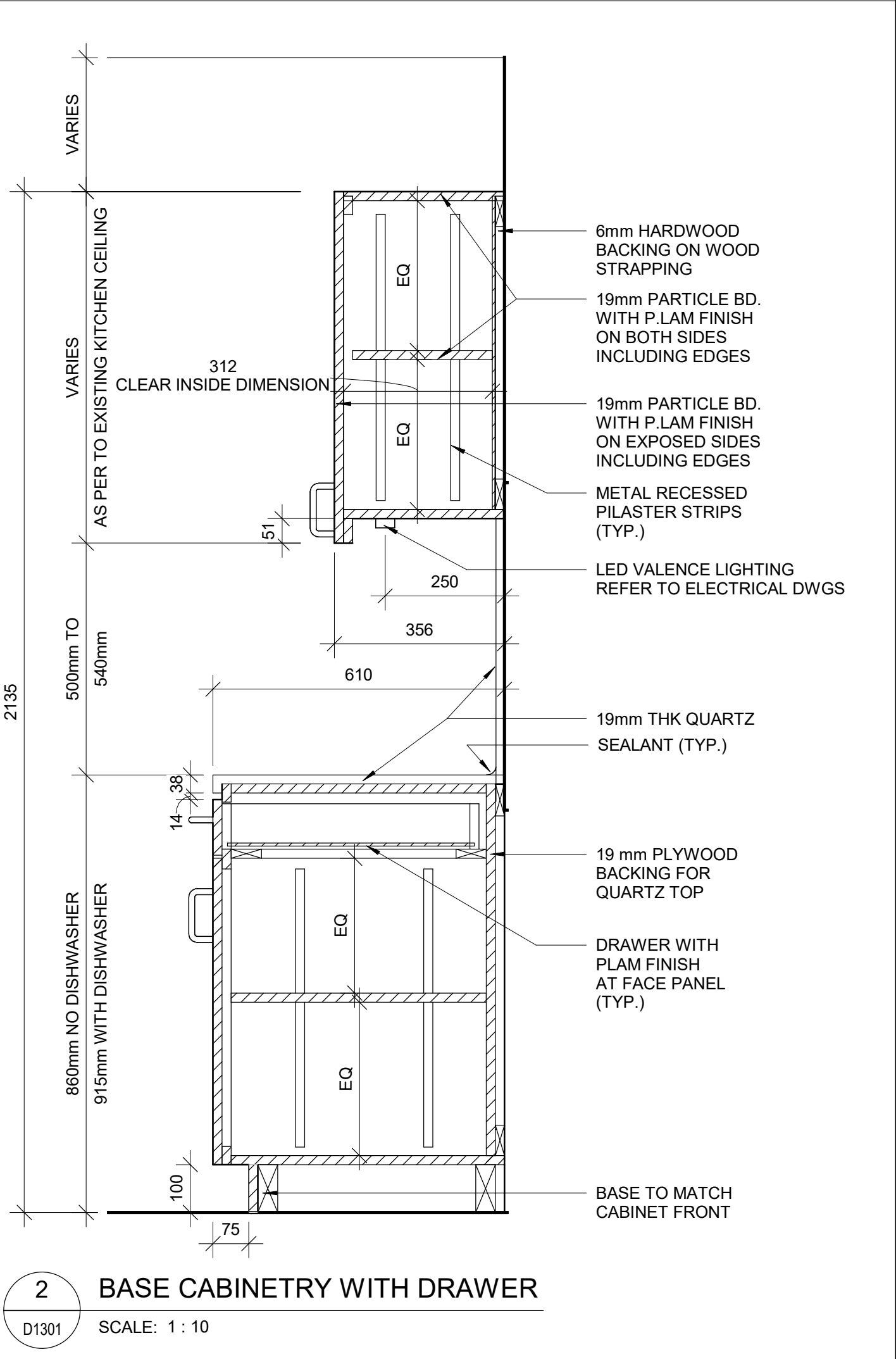
SHEET TITLE  
**KITCHEN MILLWORK -  
DRINKING FOUNTAIN PLANS &  
ELEVATIONS**

SHEET NUMBER  
**D1301**  
ISSUE  
**00**

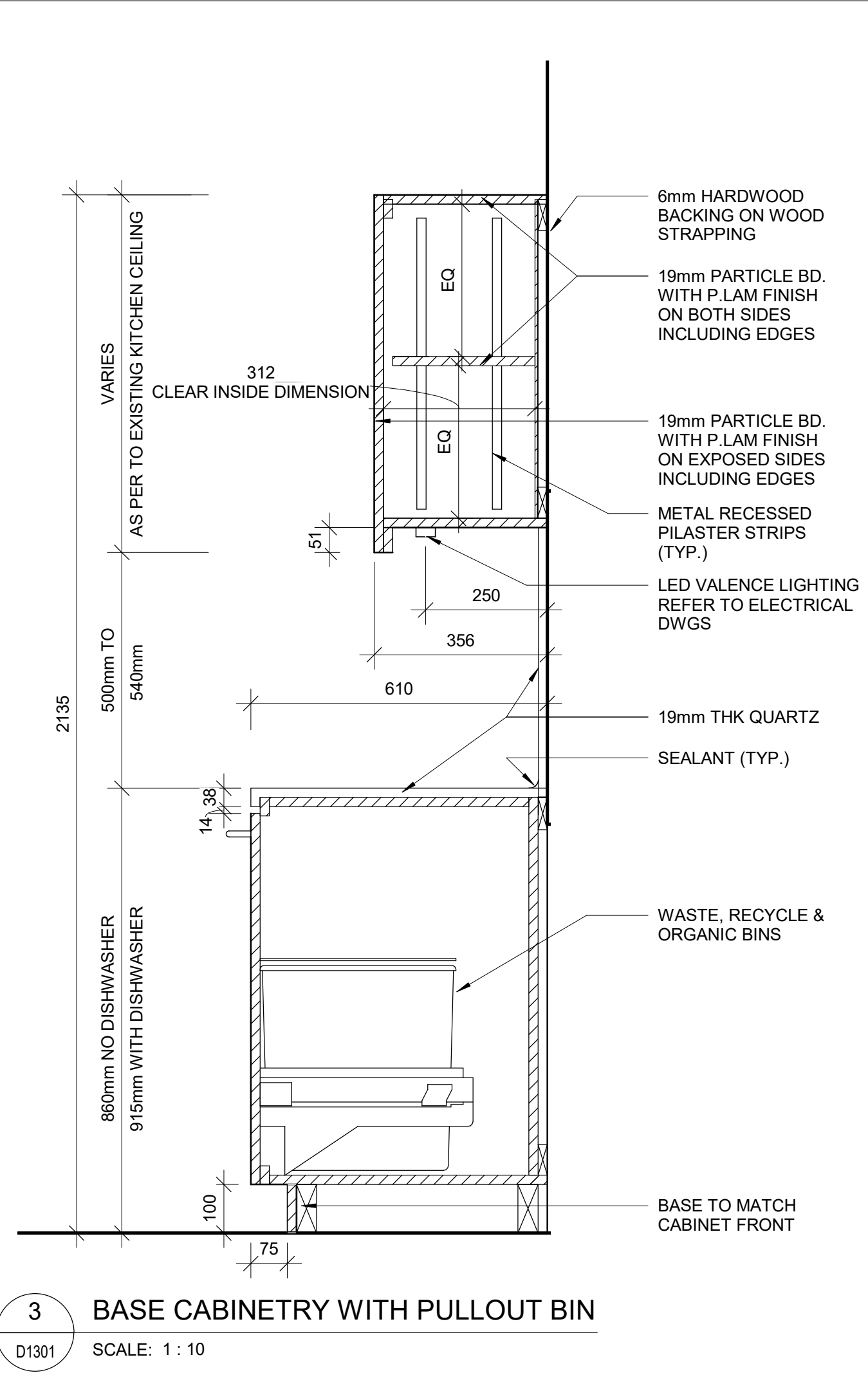




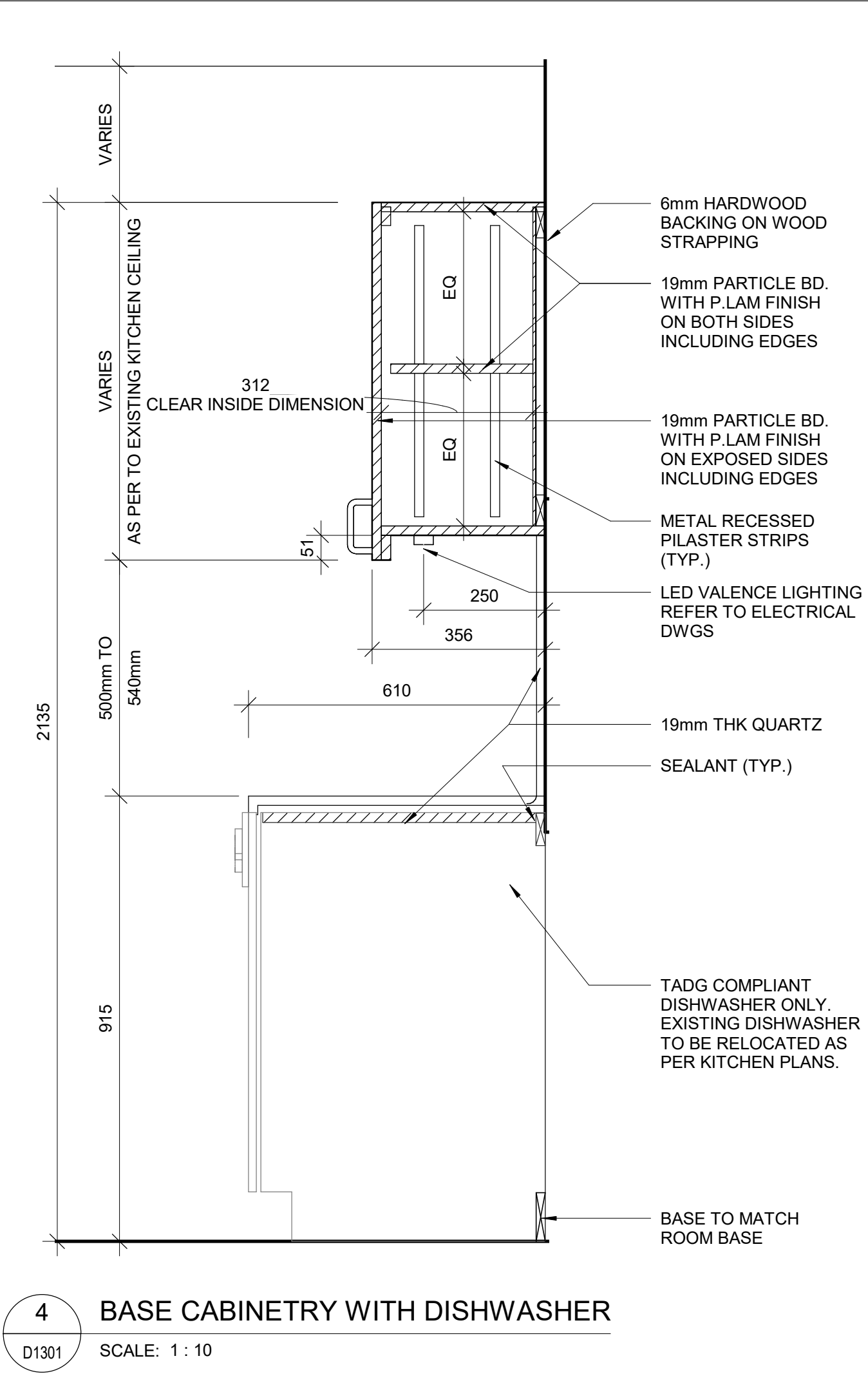
1 BASE CABINETRY- MICROWAVE STORAGE  
SCALE: 1 : 10



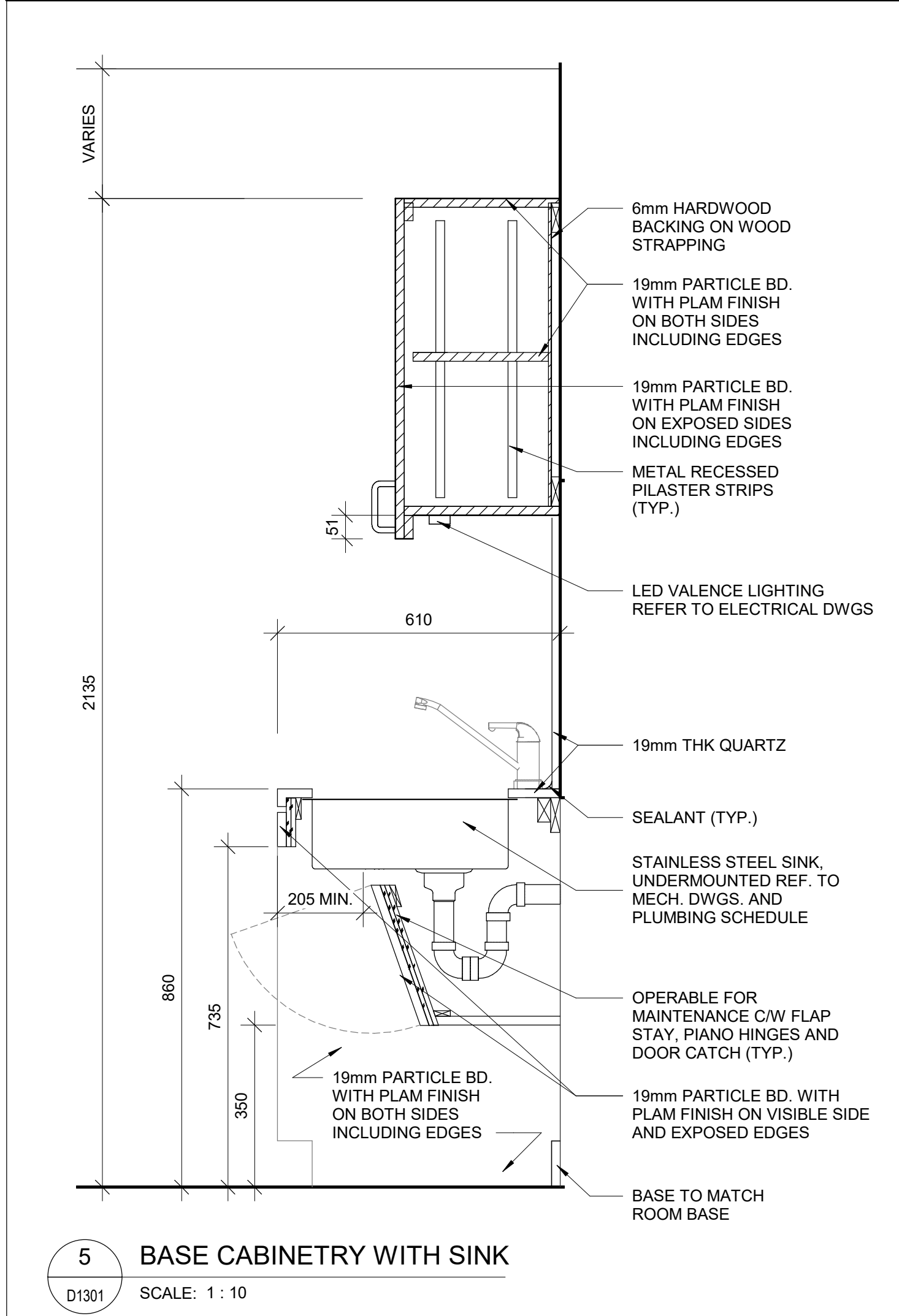
2 BASE CABINETRY WITH DRAWER  
SCALE: 1 : 10



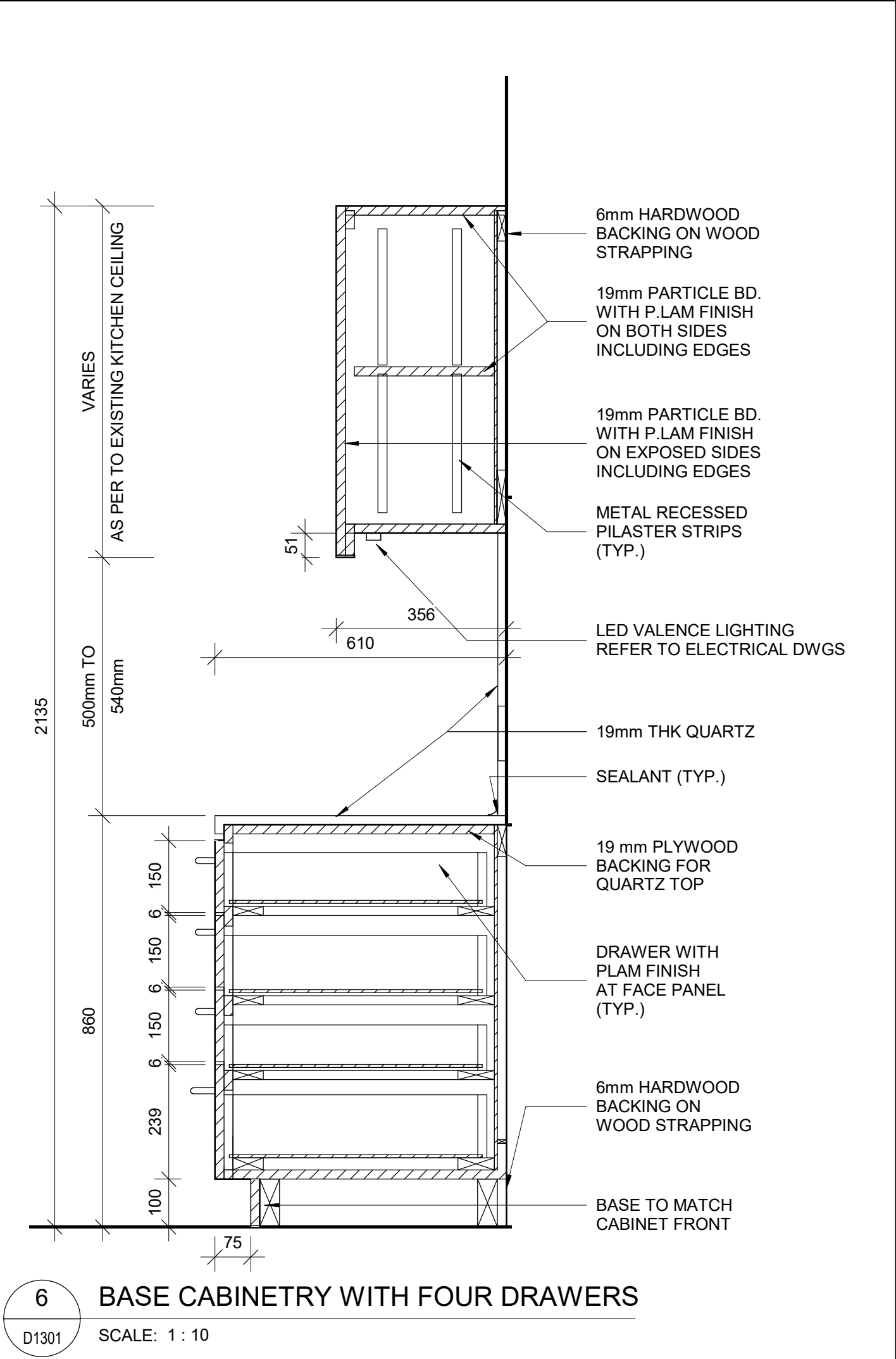
3 BASE CABINETRY WITH PULLOUT BIN  
SCALE: 1 : 10



4 BASE CABINETRY WITH DISHWASHER  
SCALE: 1 : 10



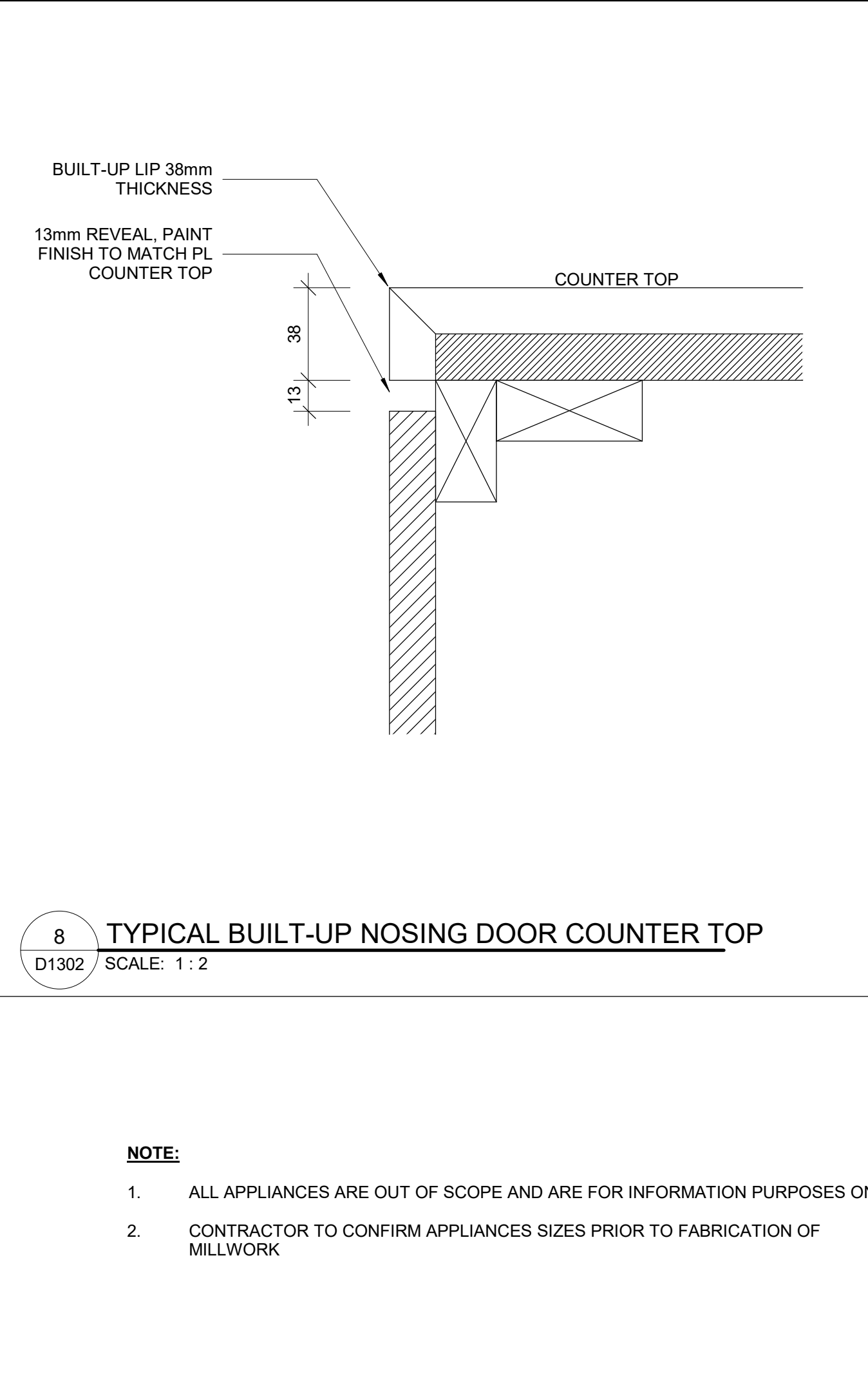
5 BASE CABINETRY WITH SINK  
SCALE: 1 : 10



6 BASE CABINETRY WITH FOUR DRAWERS  
SCALE: 1 : 10



3 BASE CABINETRY WITH PULLOUT BIN  
SCALE: 1 : 10



8 TYPICAL BUILT-UP NOSING DOOR COUNTER TOP  
SCALE: 1 : 2

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CITY OF TORONTO  
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

CITY OF TORONTO  
ACCESSIBILITY UPGRADES

PROJECT NO:  
9119- 19- 0162 / IBI 122260

DRAWN BY:  
A. BOYNARIAN

CHECKED BY:  
A. VAN VEEN

PROJECT MGR:  
F. BOLOURIAN

APPROVED BY:  
E. FENUTA

SHEET TITLE

KITCHEN MILLWORK DETAIL  
SECTIONS

SHEET NUMBER

D1302

ISSUE

00

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ACCESSIBILITY UPGRADES

PROJECT ADDRESS  
CITY OF TORONTO  
ACCESSIBILITY UPGRADES

PROJECT NO:  
91119- 19- 0162 / IBI 122260

DRAWN BY: <b>A. BOYNARIAN</b>	CHECKED BY: <b>A. VAN VEEN</b>
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PROJECT MGR: <b>F. BOLOURIAN</b>	APPROVED BY: <b>E. FENUTA</b>
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SHEET TITLE  
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SHEET NUMBER <b>D1303</b>	ISSUE <b>00</b>
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PROJECT TITLE

CITY OF TORONTO  
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

CITY OF TORONTO  
ACCESSIBILITY UPGRADES

PROJECT NO:  
91119- 19- 0162 / IBI 122260

DRAWN BY:  
A. BOYNARIAN

CHECKED BY:  
A. VAN VEEN

PROJECT MGR:  
F. BOLOURIAN

APPROVED BY:  
E. FENUTA

SHEET TITLE

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SHEET NUMBER

D1306

ISSUE

00

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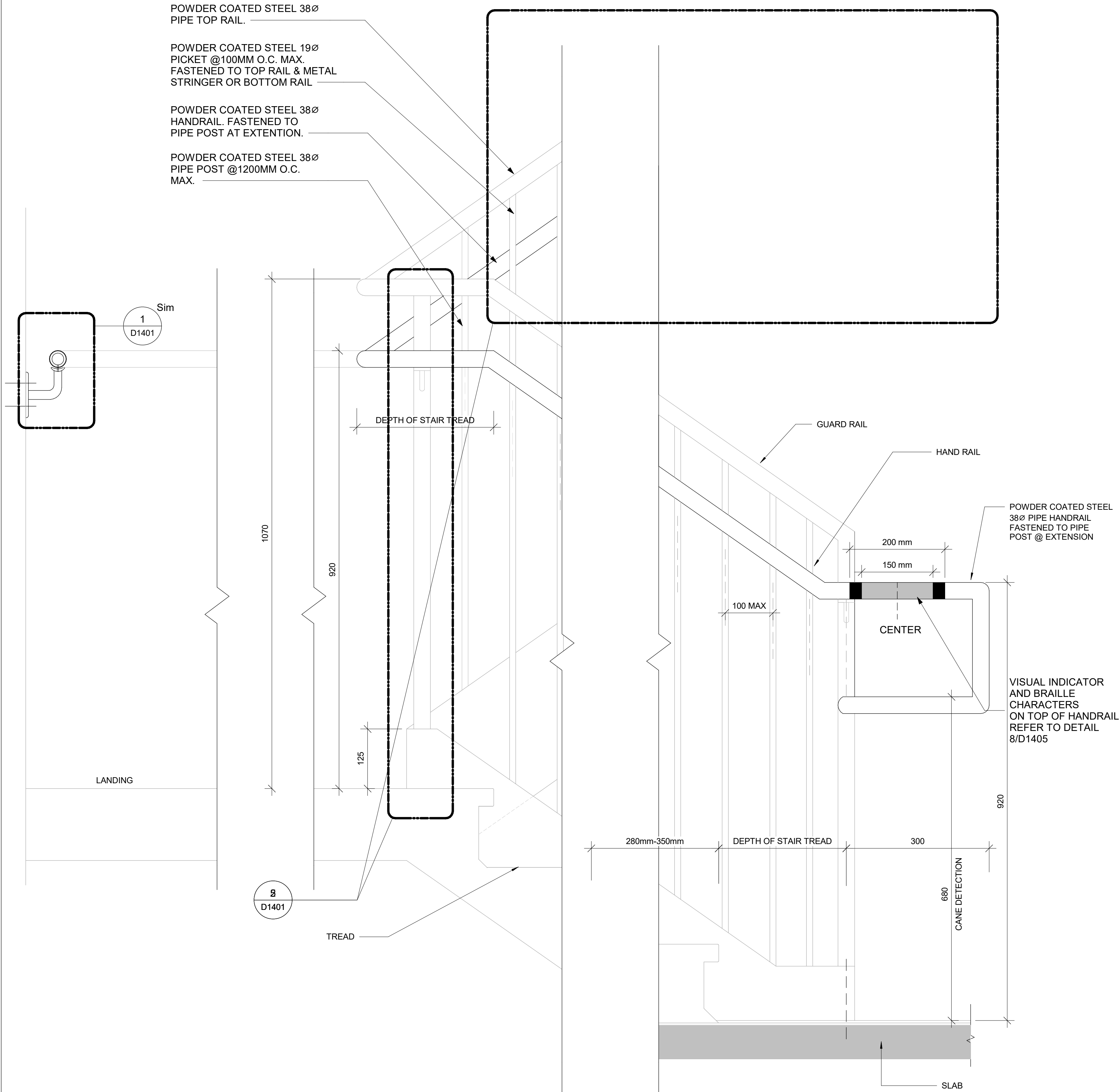
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SCALE CHECK

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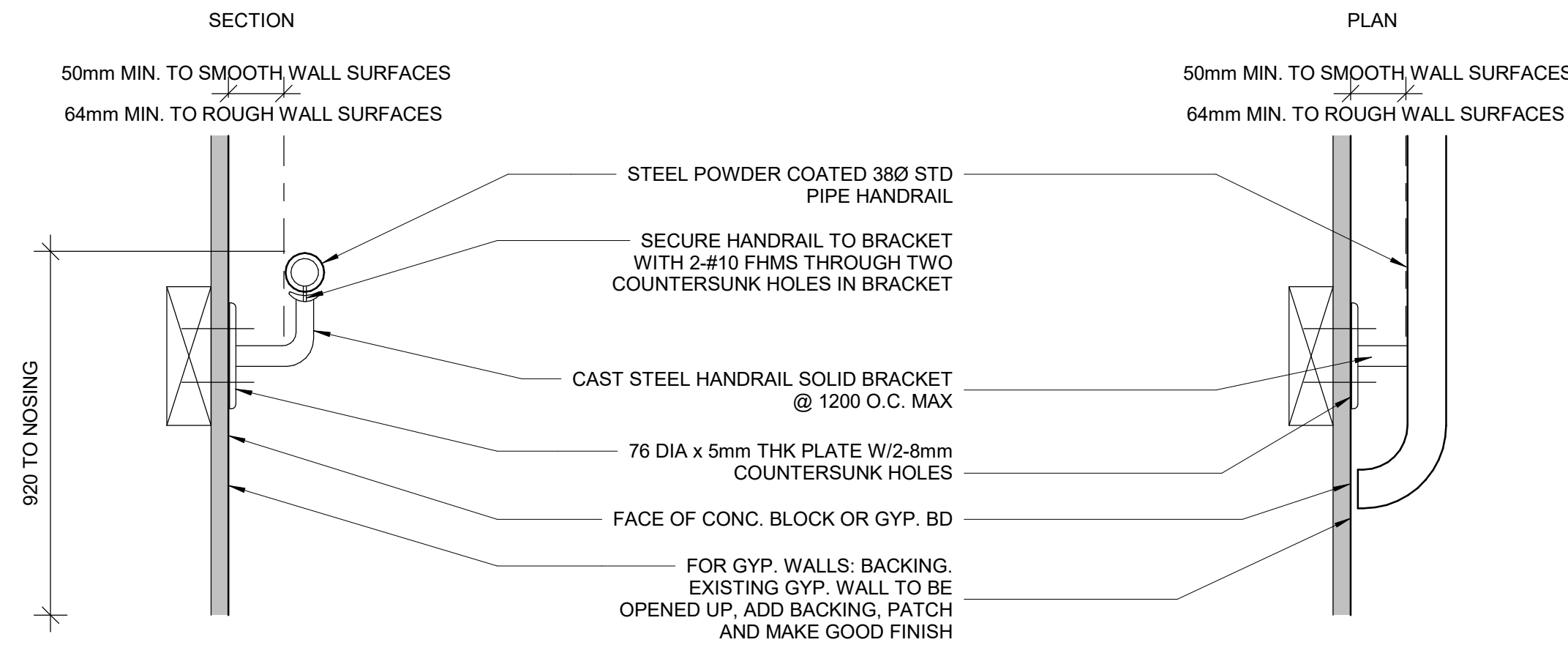
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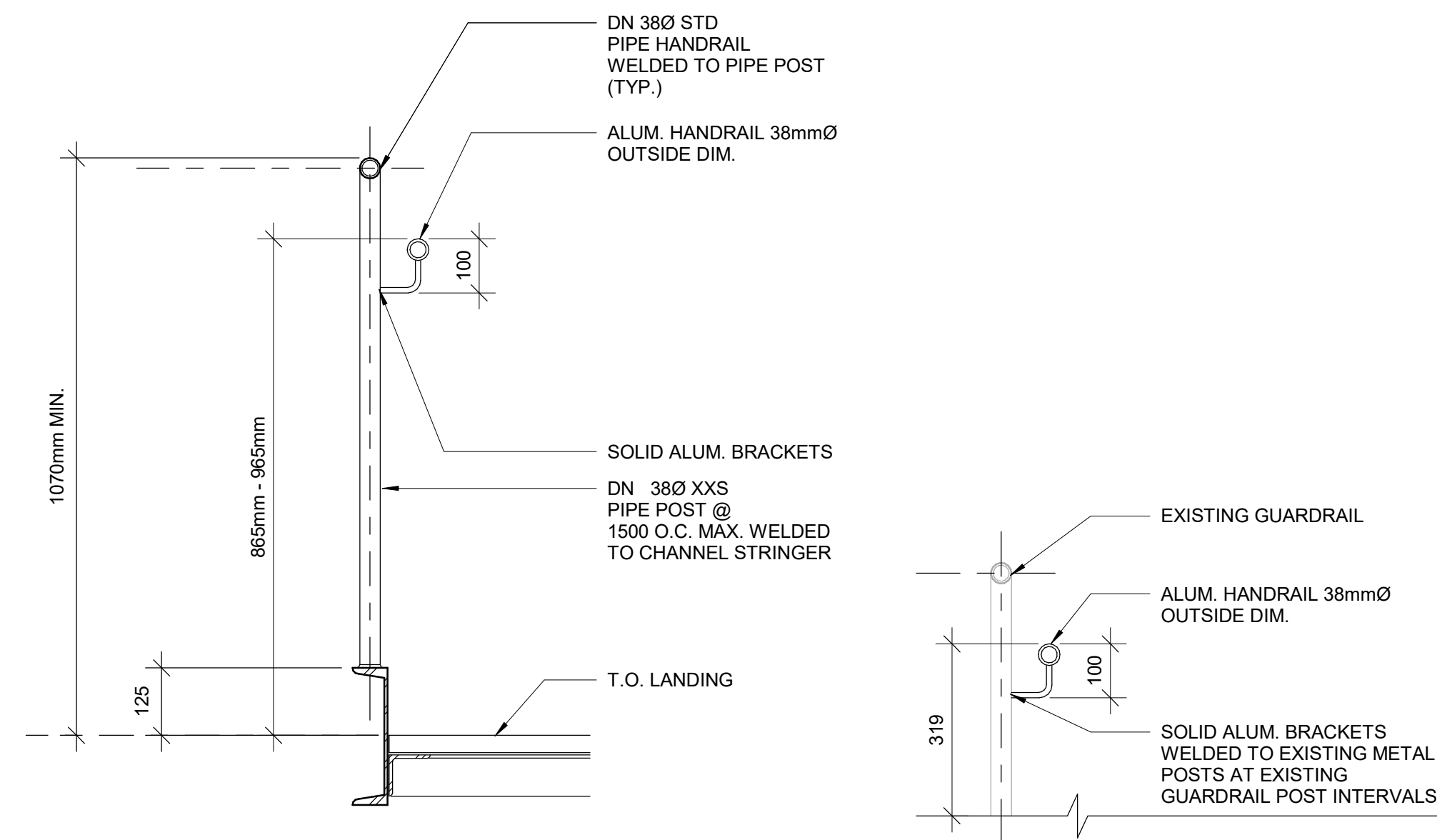


3 TYPICAL INTERIOR HANDRAIL DETAIL  
D1401 SCALE: 1 : 5

- 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

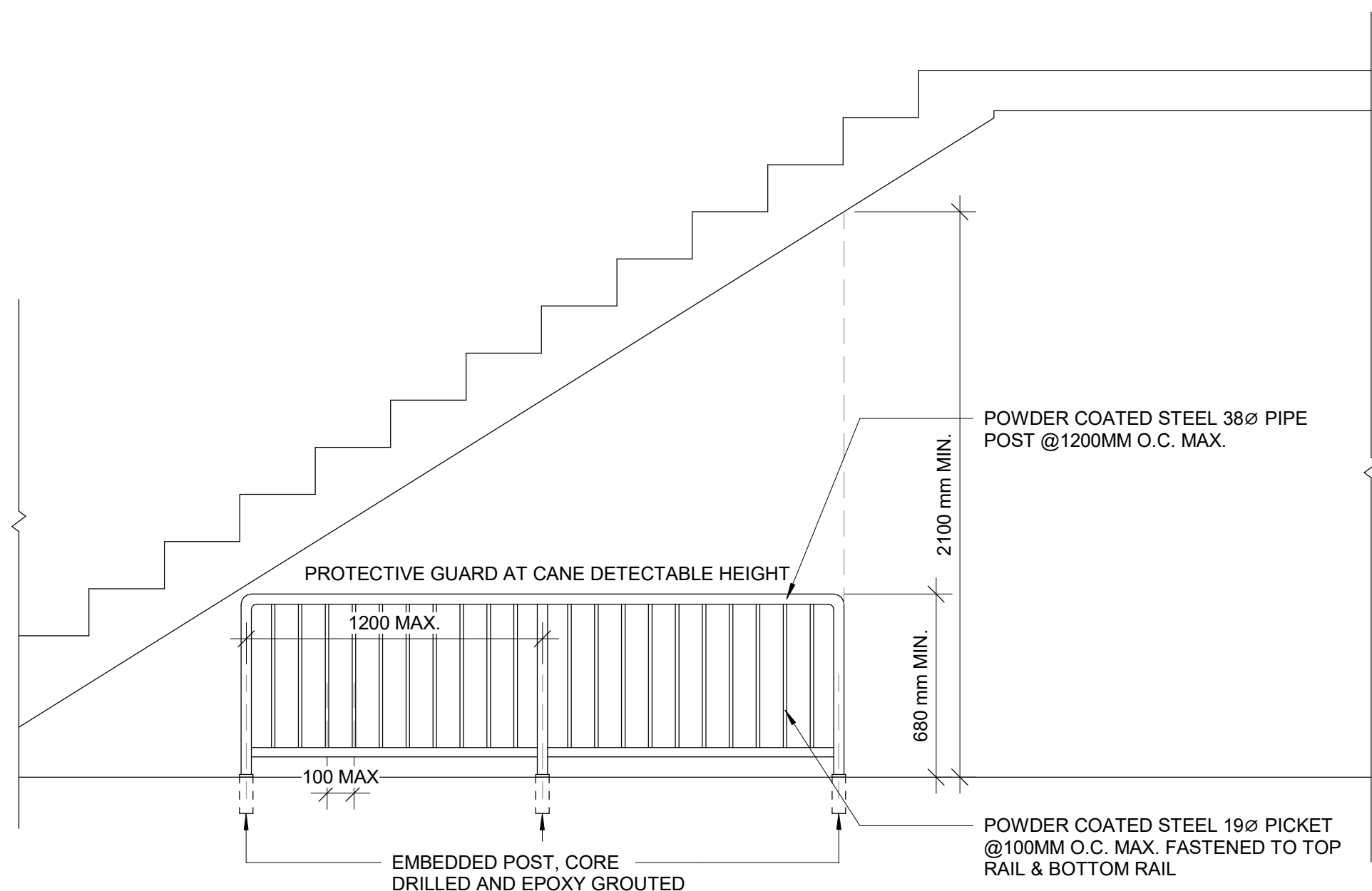


1 TYPICAL INTERIOR WALL MOUNTED HANDRAIL DETAIL  
D1401 SCALE: 1 : 5



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

5 EXISTING GUARDRAIL RETROFIT DETAIL  
D1401 SCALE: 1 : 10



4 PROTECTION GUARD FOR OVERHEAD CLEARANCE  
D1401 SCALE: 1 : 20

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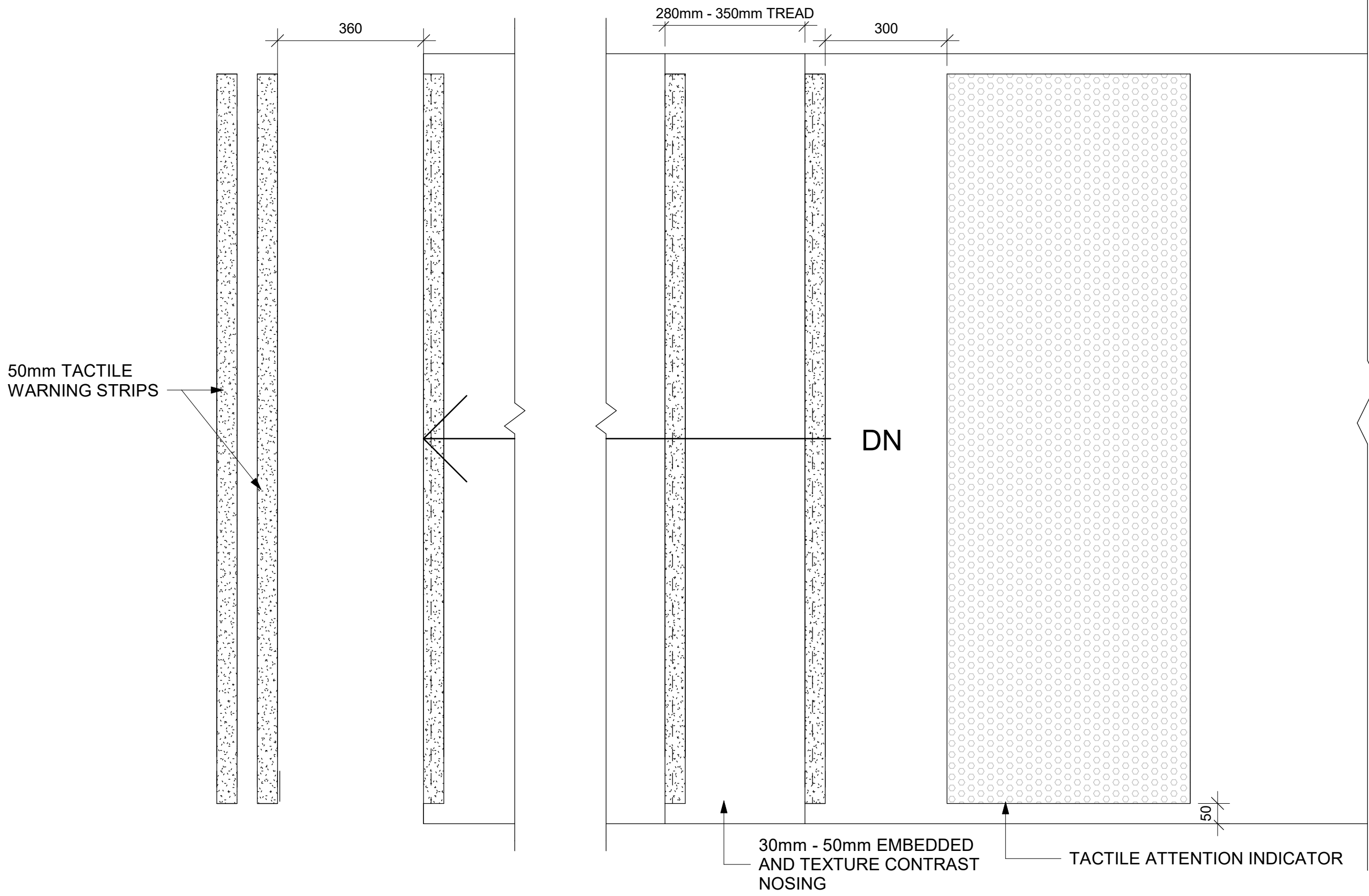
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CITY OF TORONTO  
ACCESSIBILITY UPGRADES

**PROJECT ADDRESS**  
CITY OF TORONTO  
ACCESSIBILITY UPGRADES

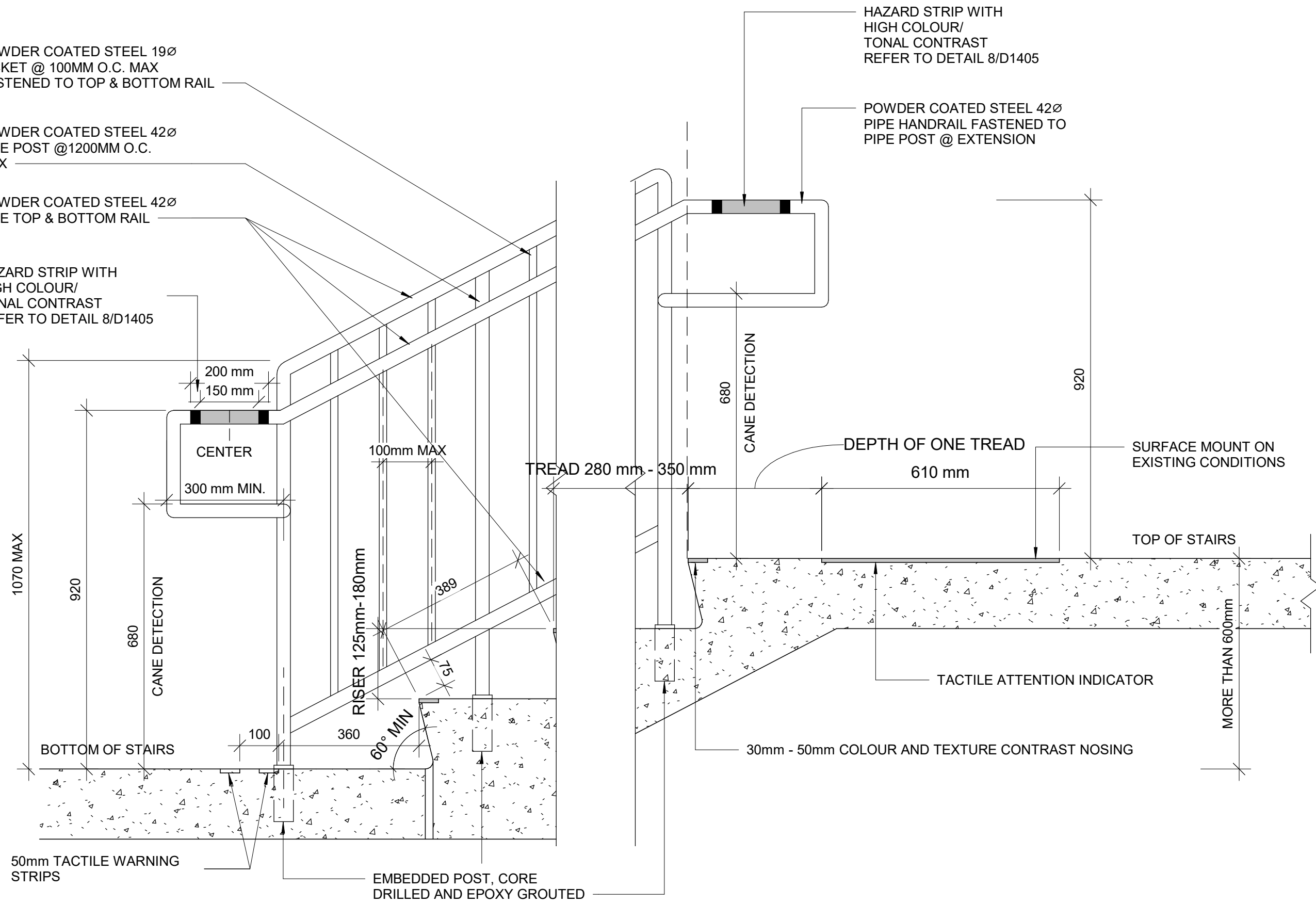
**PROJECT NO:**  
9119- 19- 0162 / IBI 122260  
**DRAWN BY:**  
A. BOYNARIAN  
**CHECKED BY:**  
A. VAN VEEN  
**PROJECT MGR:**  
F. BOLOURIAN  
**APPROVED BY:**  
E. FENUITA

**SHEET TITLE**  
STAIR DETAILS - 01

**SHEET NUMBER**  
D1401  
**ISSUE**  
00



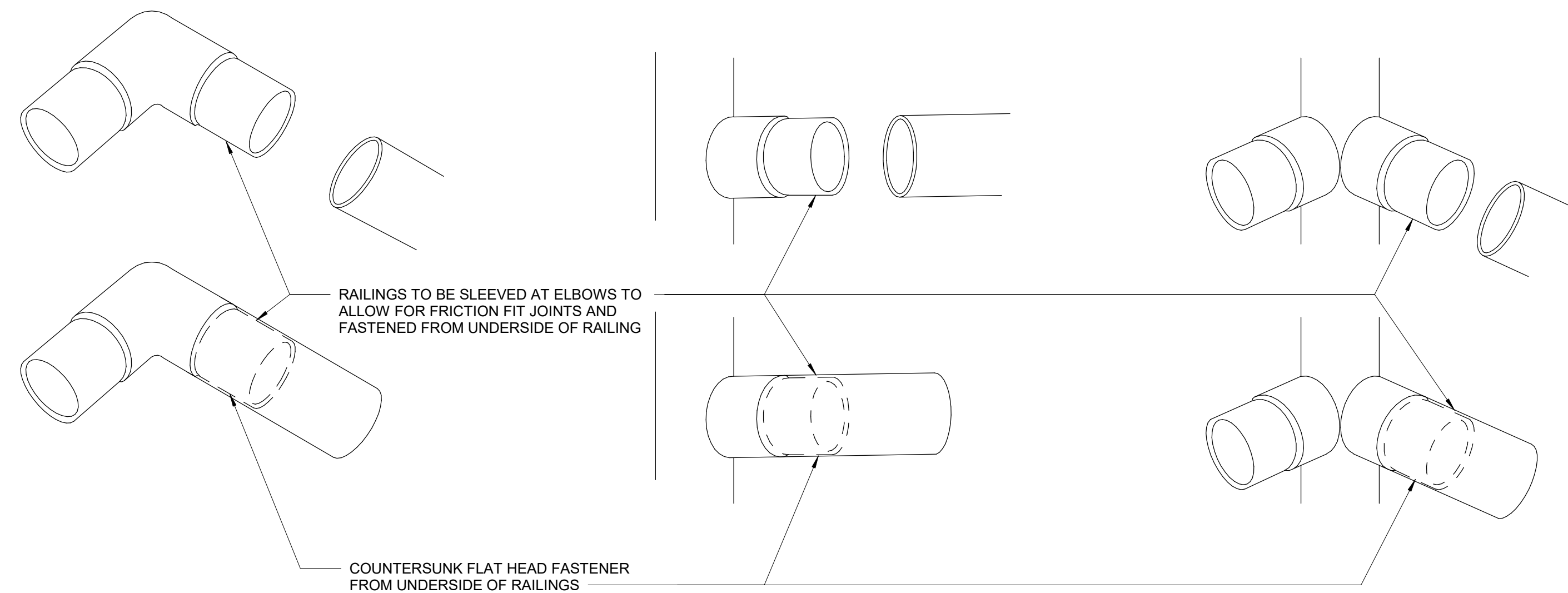
1 TYP. STAIR PLAN  
D1402 SCALE: 1 : 10



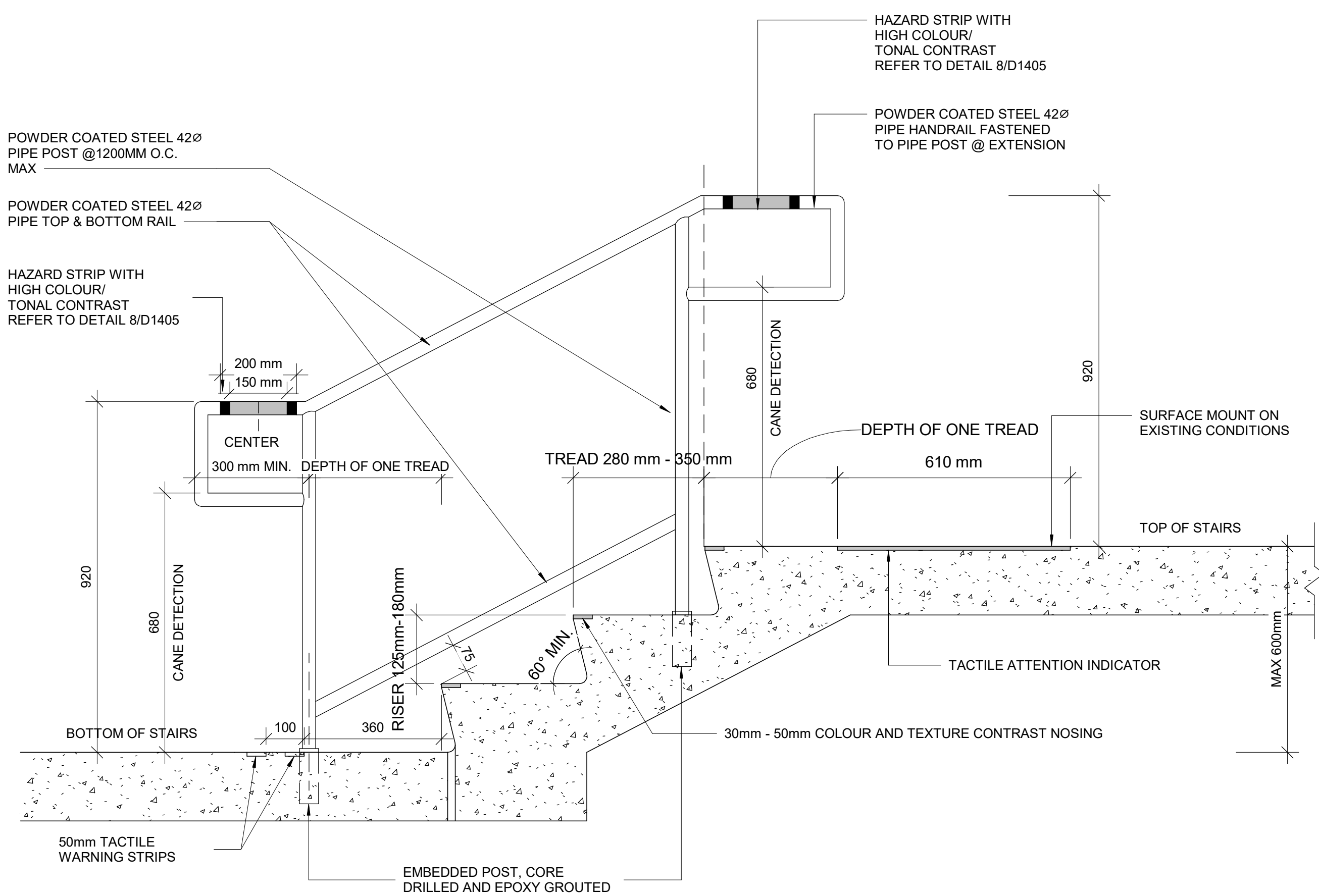
2 TYP. EXTERIOR STAIR SECTION AT GRADE CHANGE MORE THAN 600mm  
D1402 SCALE: 1 : 10

- 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

NOTE: 90 DEGREE CONDITION SHOWN, DETAIL TO BE SIMILAR FOR OTHER ANGLES .



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



4 TYP. EXTERIOR STAIR SECTION AT GRADE CHANGE LESS THAN 600mm  
D1402 SCALE: 1 : 10

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**PROJECT TITLE**  
CITY OF TORONTO  
ACCESSIBILITY UPGRADES

**PROJECT ADDRESS**  
CITY OF TORONTO  
ACCESSIBILITY UPGRADES

**PROJECT NO:**  
9119- 19- 0162 / IBI 122260

**DRAWN BY:**  
A. BOYNARIAN

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

**APPROVED BY:**  
E. FENUTA

**SHEET TITLE**  
STAIR DETAILS - 02

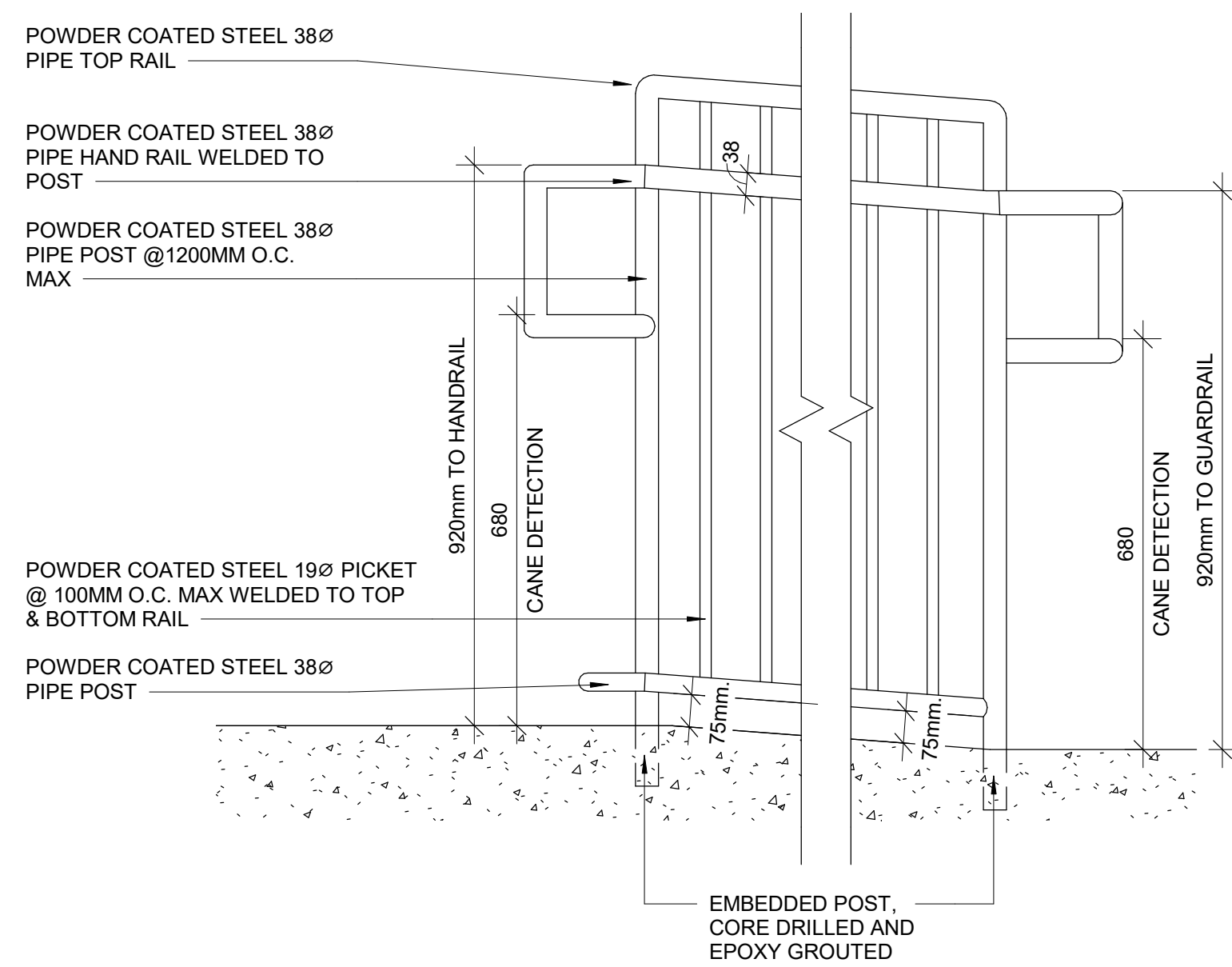
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D1402

**ISSUE**  
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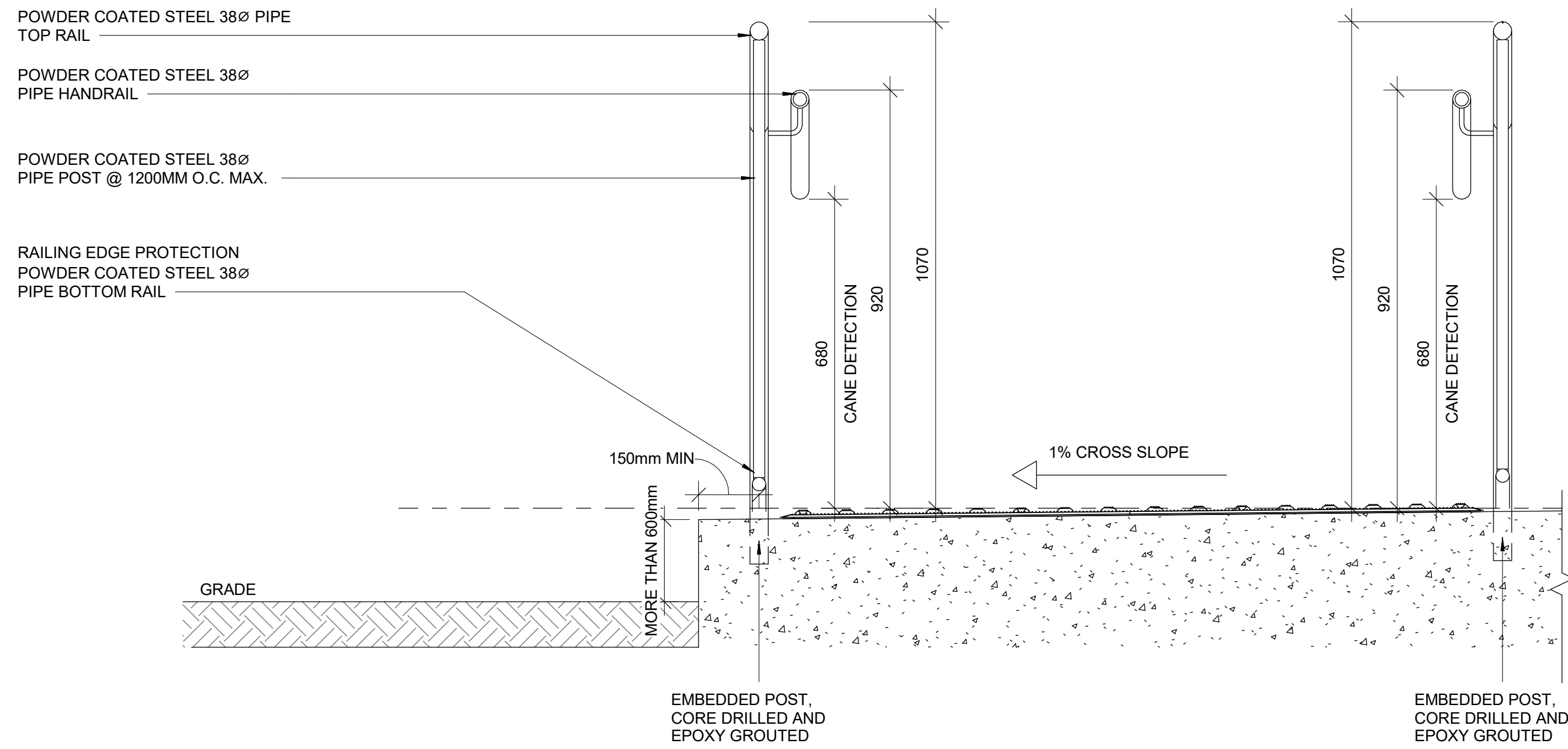


- INTERIOR GUARDS AND HANDRAILS TO BE STEEL WITH POWDER COATED FINISH UNLESS NOTED OTHERWISE
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- FOR ALL TEXTURE AND CONTRAST WARNING STRIP EXTERIOR APPLICATION, USE TA-11, EXCEPT CAST IN PLACE EXTERIOR CONCRETE APPLICATION USE TA-12

- 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 EXTERIOR APPLICATION, USE TA-11, EXCEPT CAST IN PLACE EXTERIOR CONCRETE APPLICATION USE TA-12



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



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

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PROJECT NO:  
9119- 19- 0162 / IBI 122260

DRAWN BY:

DRAWN BY:	CHECK
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A. BOYNARIAN

A. BOYNARIAN | A. VAN VEEN

SHEET TITLE

## RAMP DETAILS

SHEET NUMBER

D1404

## ISSUE

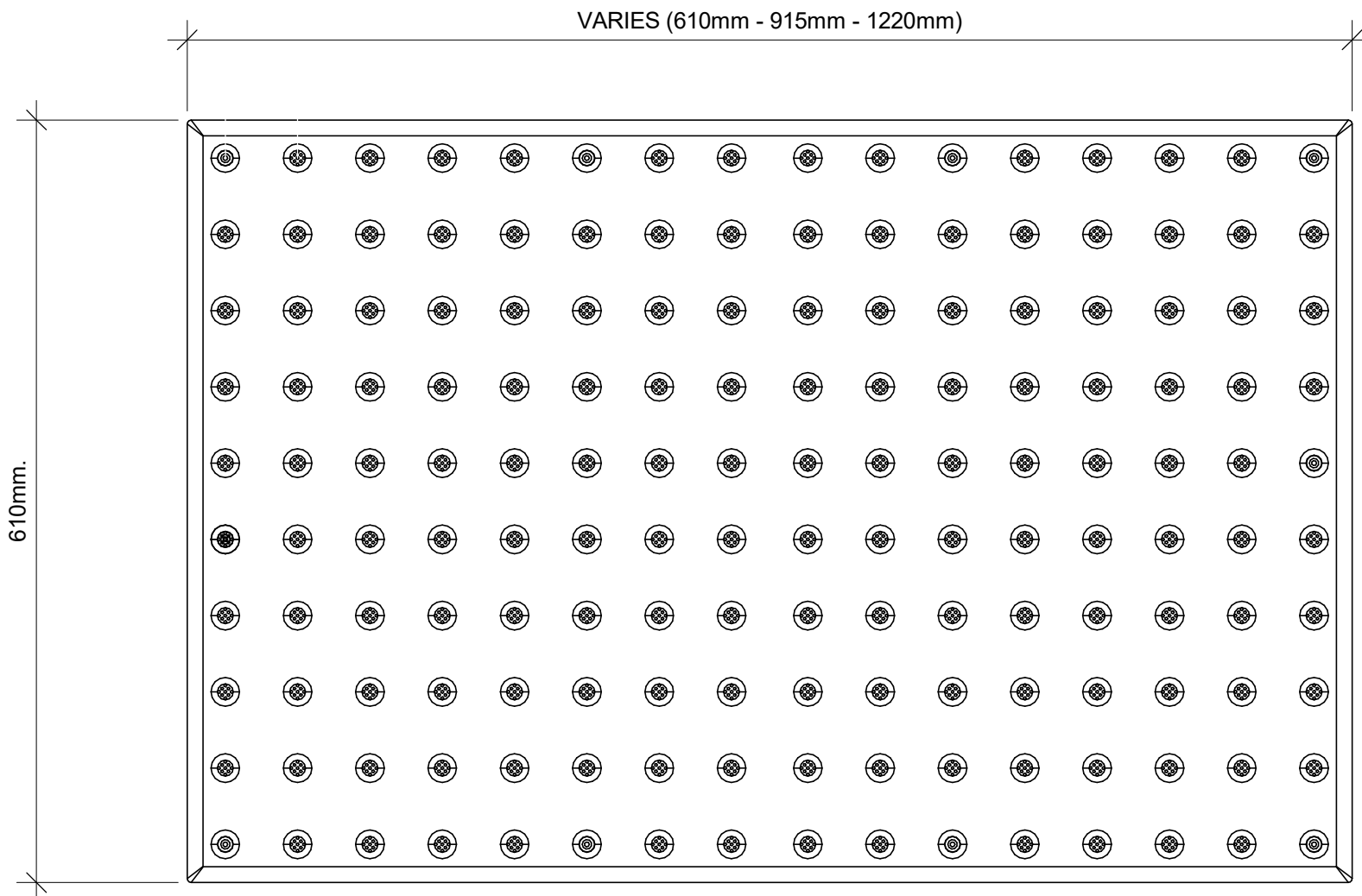
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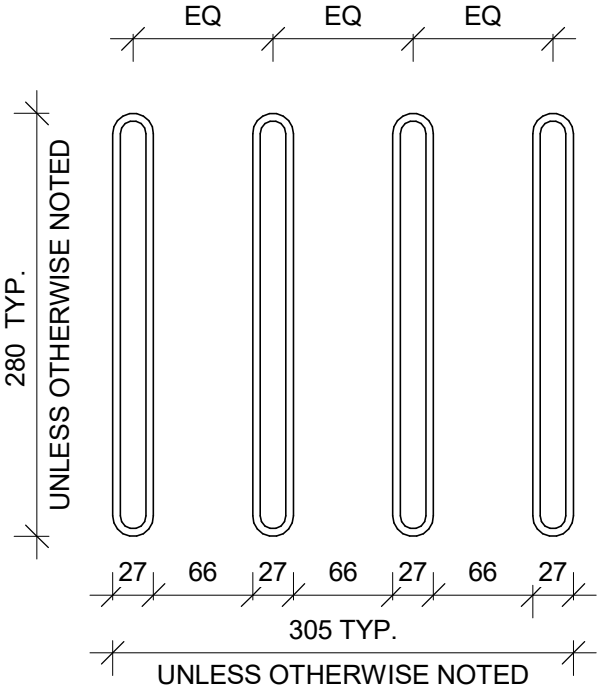


TA - 1a  
EXTERIOR AND INTERIOR APPLICATION



1 TACTILE ATTENTION INDICATOR  
D1405 / SCALE: 1 : 5

TA-8  
INTERIOR APPLICATION



2 GUIDANCE BARS PLAN  
D1405 / SCALE: 1 : 5

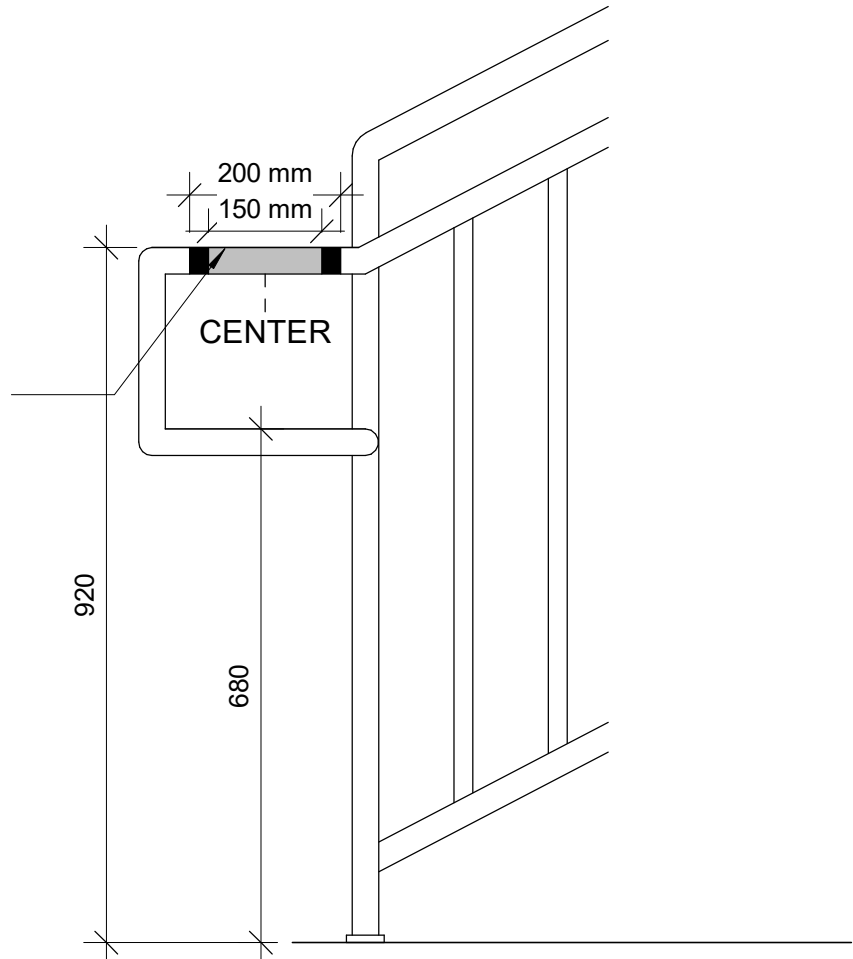
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150mm LONG YELLOW COLOUR  
WAYFINDING SIGN WITH BRAILLE AND  
25mm WIDE RED COLOUR ON EITHER  
SIDE OF THE SIGN

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



8 HANDRAIL HAZARD STRIP  
D1405 / SCALE: 1 : 10

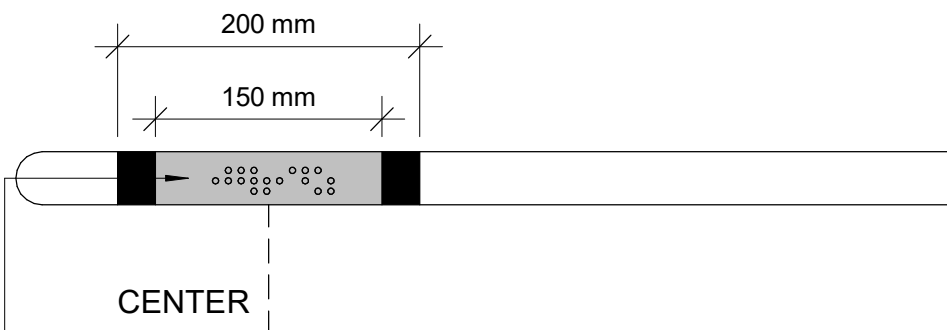
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RESERVED

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.



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

CLIENT

**CITY OF TORONTO**



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TORONTO, ON  
M5V 3C6

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ibigroup.com

PROJECT TITLE  
**CITY OF TORONTO  
ACCESSIBILITY UPGRADES**

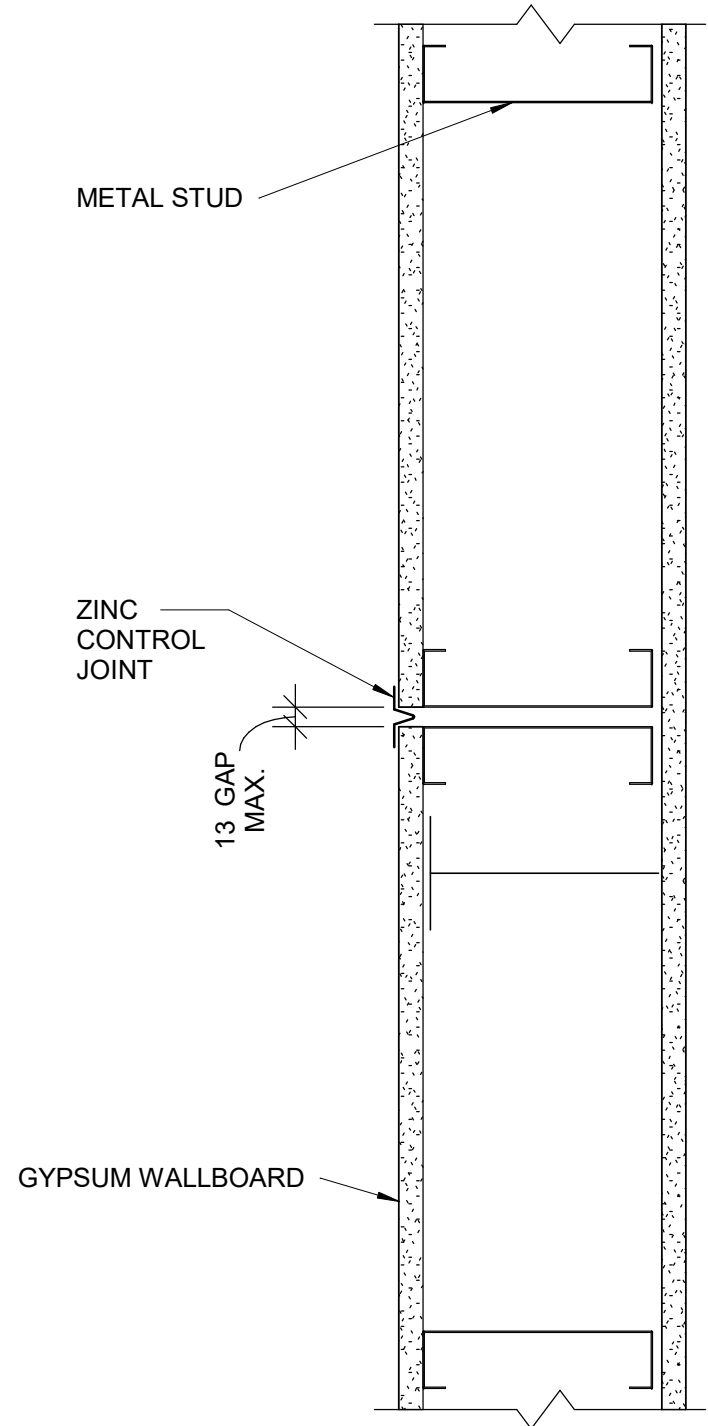
PROJECT ADDRESS  
**CITY OF TORONTO  
ACCESSIBILITY UPGRADES**

PROJECT NO:  
9119- 19- 0162 / IBI 122260

DRAWN BY: <b>A. BOYNARIAN</b>	CHECKED BY: <b>A. VAN VEEN</b>
PROJECT MGR: <b>F. BOLOURIAN</b>	APPROVED BY: <b>E. FENUTA</b>

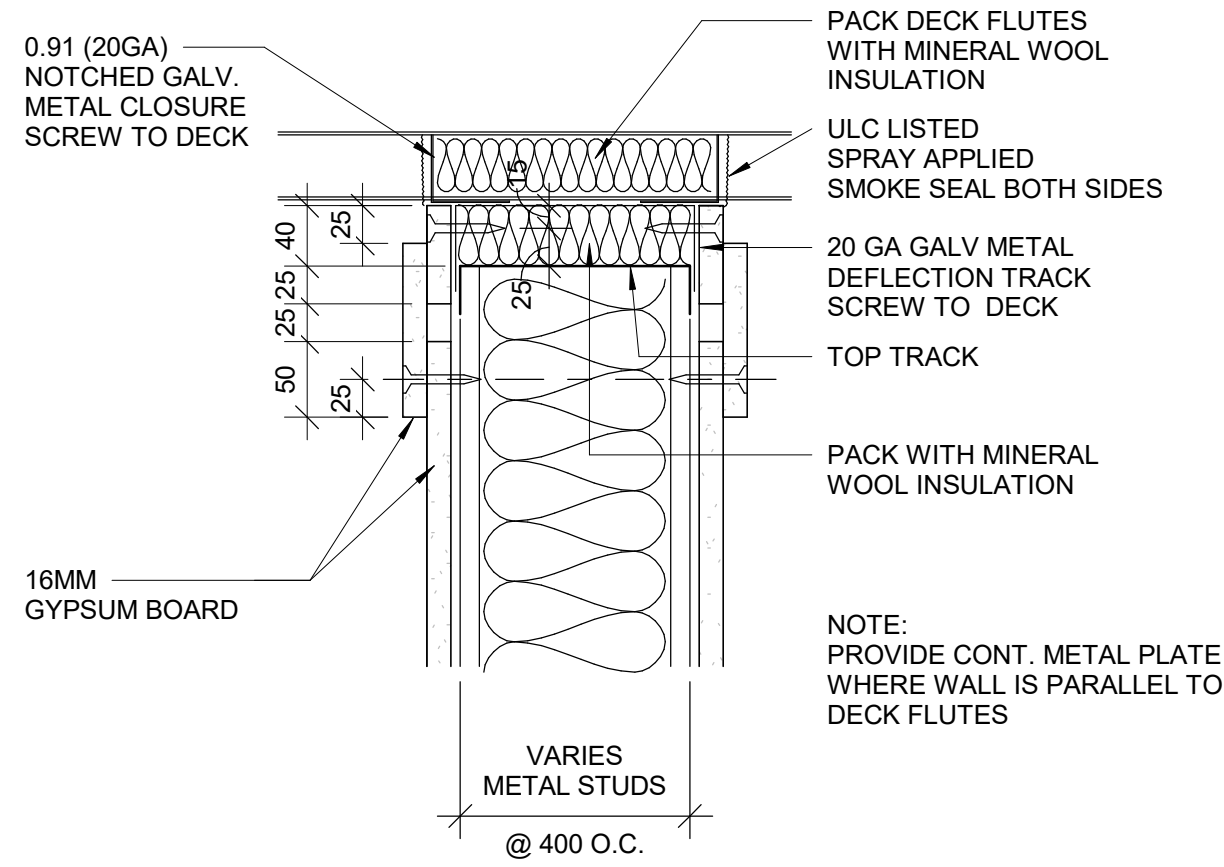
SHEET TITLE  
**TACTILE DETAILS**

SHEET NUMBER <b>D1405</b>	ISSUE <b>00</b>
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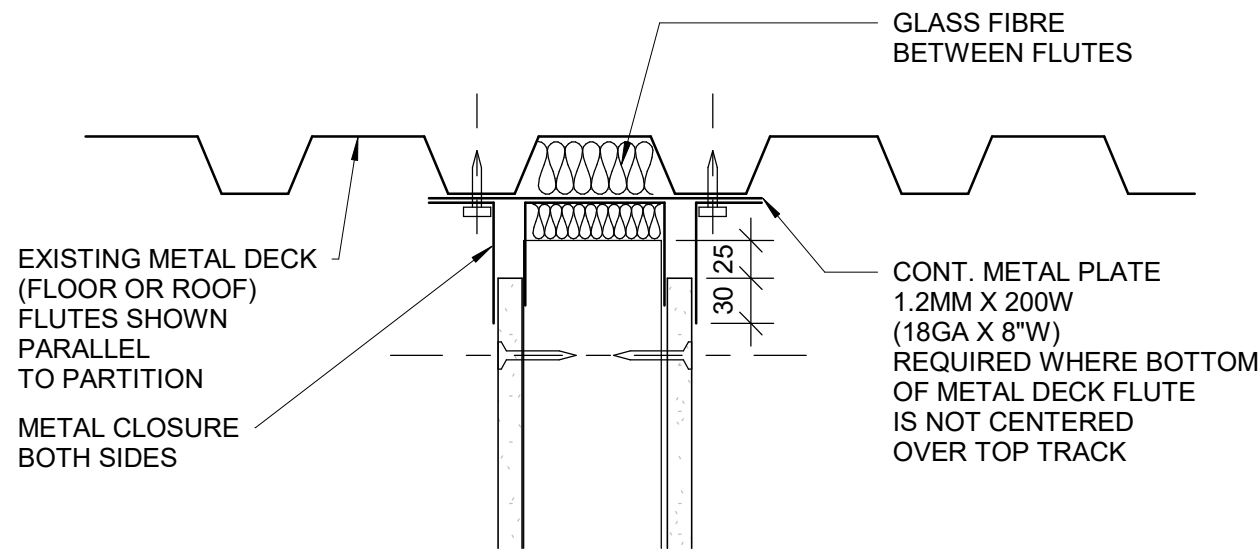


1 CONTROL JOINT PLAN DETAIL - DRYWALL  
D1501 SCALE: 1 : 5

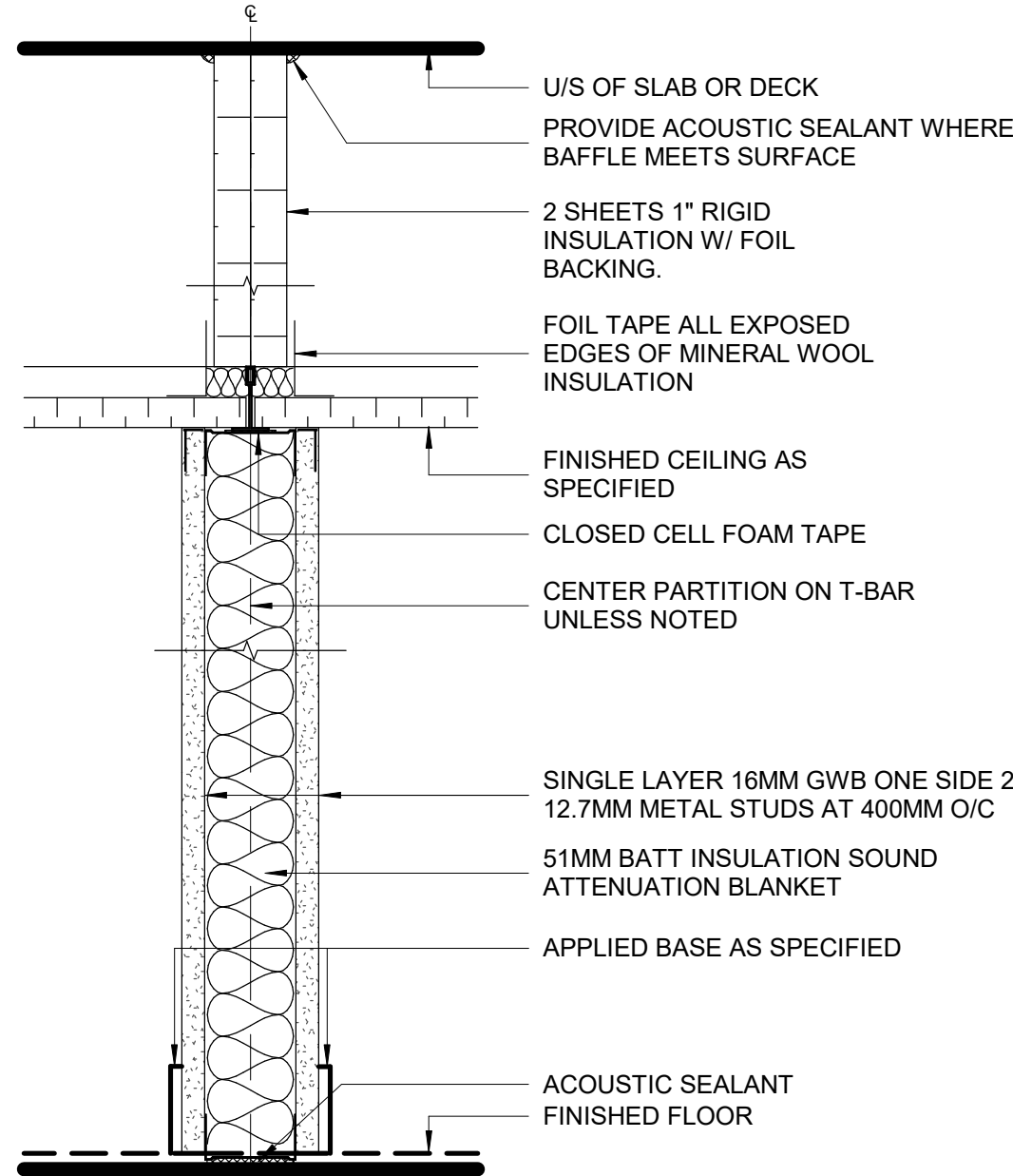
RESERVED



3 HEAD AT DRYWALL FIRE RATED PARTITION  
D1501 SCALE: 1 : 5



4 HEAD AT FULL HEIGHT DRYWALL PARTITION PERP. TO DECK FLUTES- NON RATED  
D1501 SCALE: 1 : 5



NOTE: ANCHOR TOP TRACK TO T-BAR WITH CLIPS OR FASTENERS DO NOT SCREW TO MAIN T'S

5 DRYWALL PARTITION AT ACOUSTICAL TREATMENT ABOVE CEILING  
D1501 SCALE: 1 : 5

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PROJECT TITLE

CITY OF TORONTO  
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

CITY OF TORONTO  
ACCESSIBILITY UPGRADES

PROJECT NO:

9119- 19- 0162 / IBI 122260

DRAWN BY:

A. BOYNARIAN

CHECKED BY:

A. VAN VEEN

PROJECT MGR:

F. BOLOURIAN

APPROVED BY:

E. FENUTA

SHEET TITLE

MISCELLANEOUS DETAILS - 01

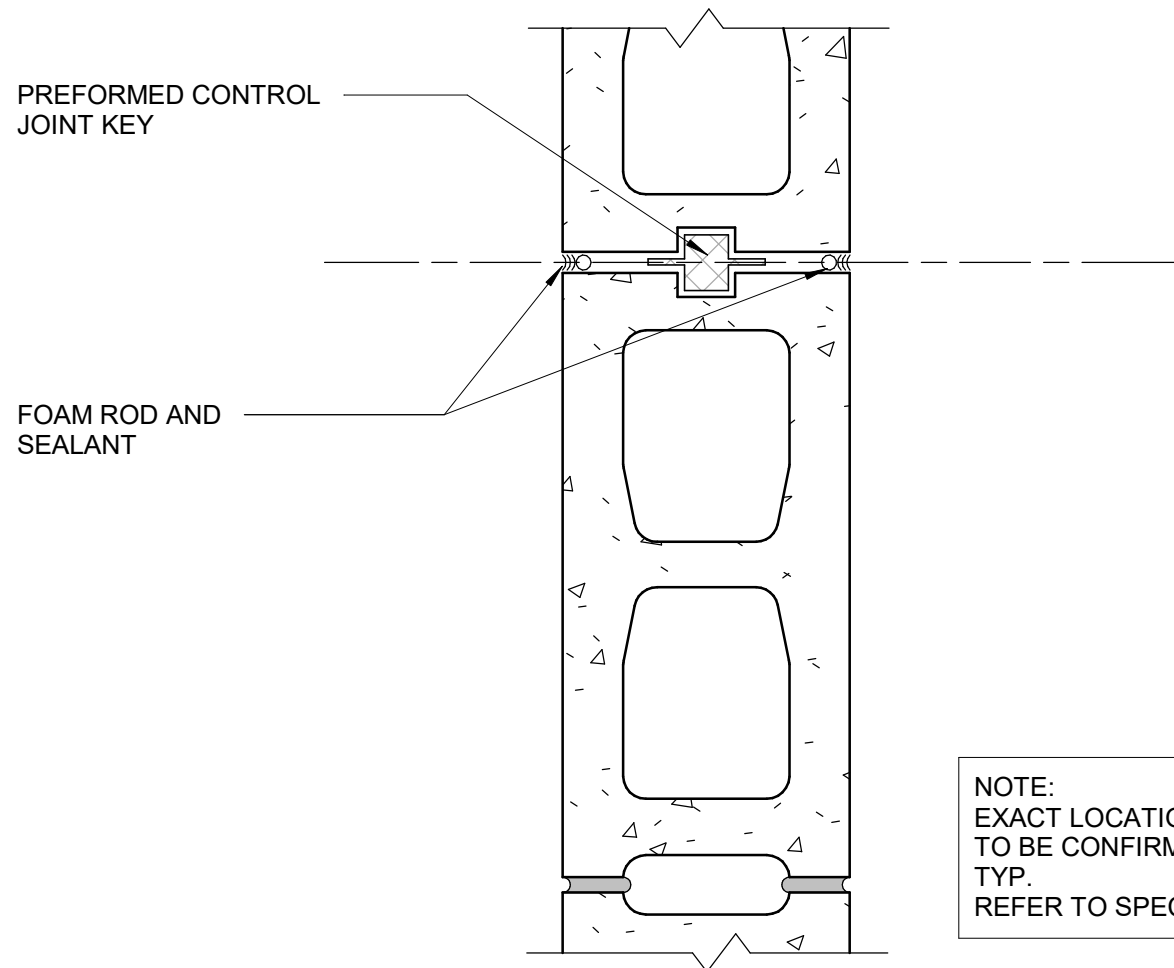
SHEET NUMBER

D1501

ISSUE

00





PREFORMED CONTROL JOINT KEY

FOAM ROD AND SEALANT

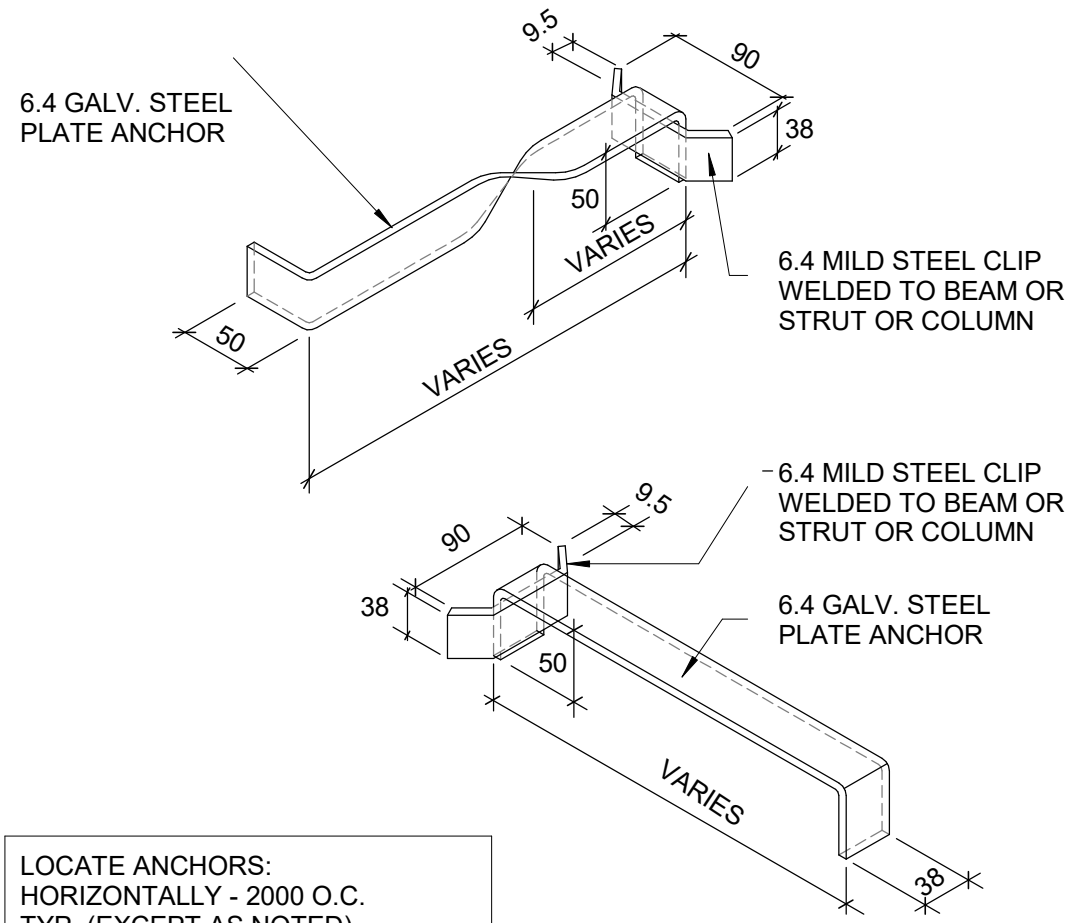
NOTE:  
EXACT LOCATION OF CONTROL JOINT LOCATIONS  
TO BE CONFIRMED ON SITE BY CONTRACTOR  
TYP.  
REFER TO SPEC. FOR MINIMUM SPACING

1

CONCRETE BLOCK CONTROL JOINT DETAIL

D1502

SCALE: 1 : 5



6.4 GALV. STEEL PLATE ANCHOR

6.4 MILD STEEL CLIP WELDED TO BEAM OR STRUT OR COLUMN

6.4 MILD STEEL CLIP WELDED TO BEAM OR STRUT OR COLUMN

6.4 GALV. STEEL PLATE ANCHOR

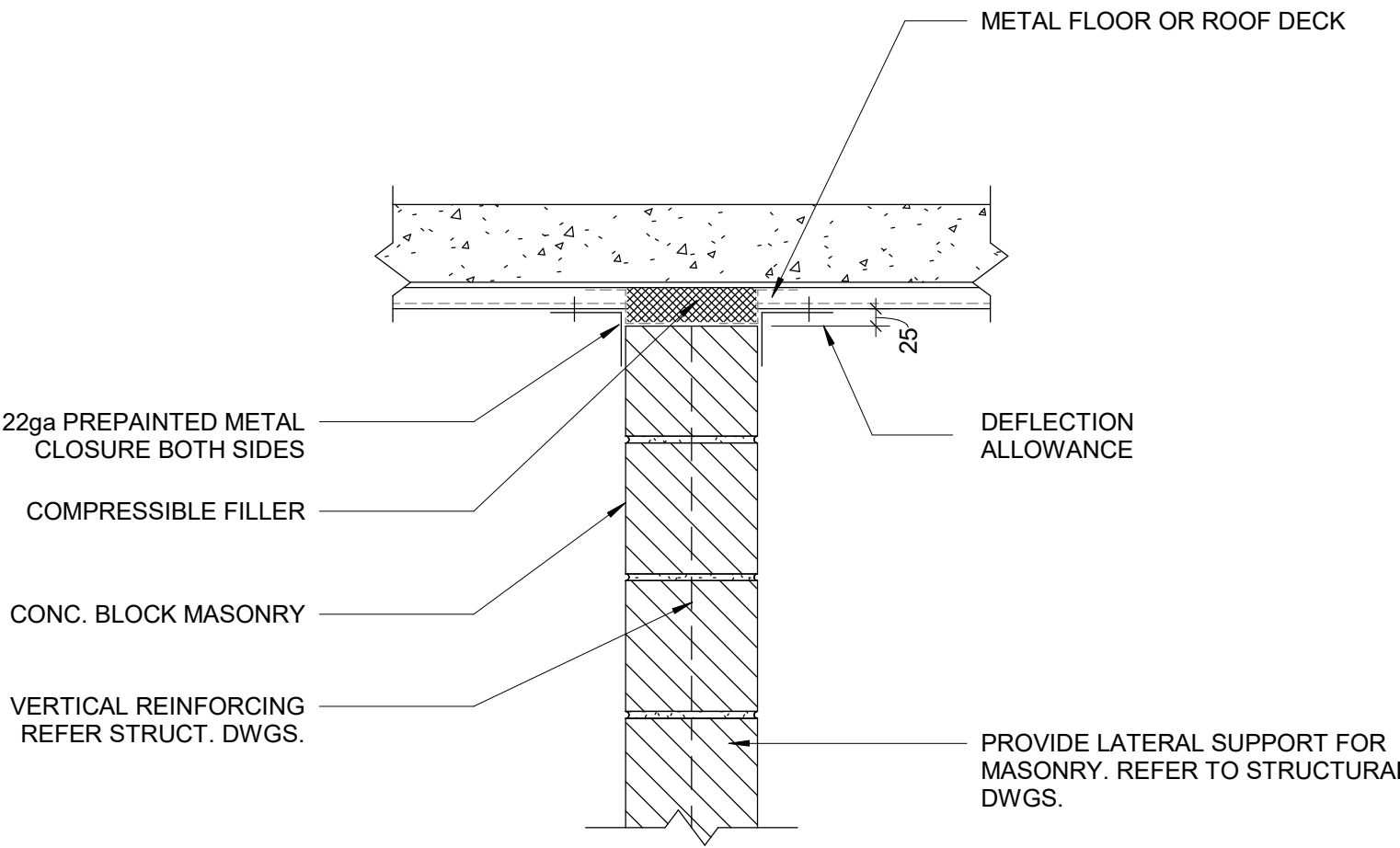
LOCATE ANCHORS:  
HORIZONTALLY - 2000 O.C.  
TYP. (EXCEPT AS NOTED)  
VERTICALLY - 400 O.C.

4

MASONRY ANCHOR STEEL BEAM OR COLUMN

D1502

SCALE: 1 : 10



METAL FLOOR OR ROOF DECK

22ga PREPAINTED METAL CLOSURE BOTH SIDES

COMPRESSIBLE FILLER

CONC. BLOCK MASONRY

VERTICAL REINFORCING REFER STRUCT. DWGS.

DEFLECTION ALLOWANCE

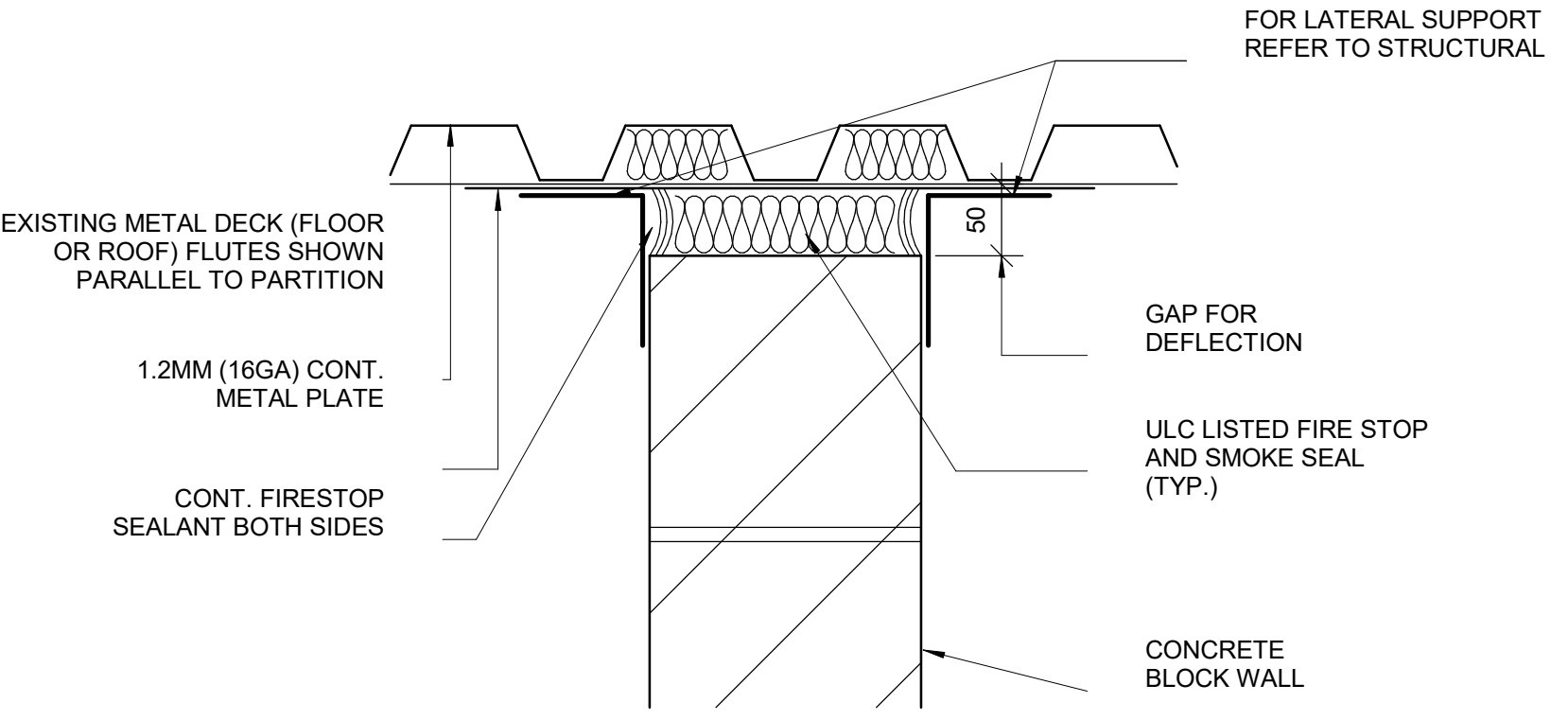
PROVIDE LATERAL SUPPORT FOR MASONRY. REFER TO STRUCTURAL DWGS.

2

CONCRETE BLOCK TO METAL DECK

D1502

SCALE: 1 : 10



EXISTING METAL DECK (FLOOR OR ROOF) FLUTES SHOWN PARALLEL TO PARTITION

1.2MM (16GA) CONT. METAL PLATE

CONT. FIRESTOP SEALANT BOTH SIDES

FOR LATERAL SUPPORT REFER TO STRUCTURAL

GAP FOR DEFLECTION

ULC LISTED FIRE STOP AND SMOKE SEAL (TYP.)

CONCRETE BLOCK WALL

5

HEAD AT CONCRETE BLOCK FIRE RATED WALL

D1502

SCALE: 1 : 5

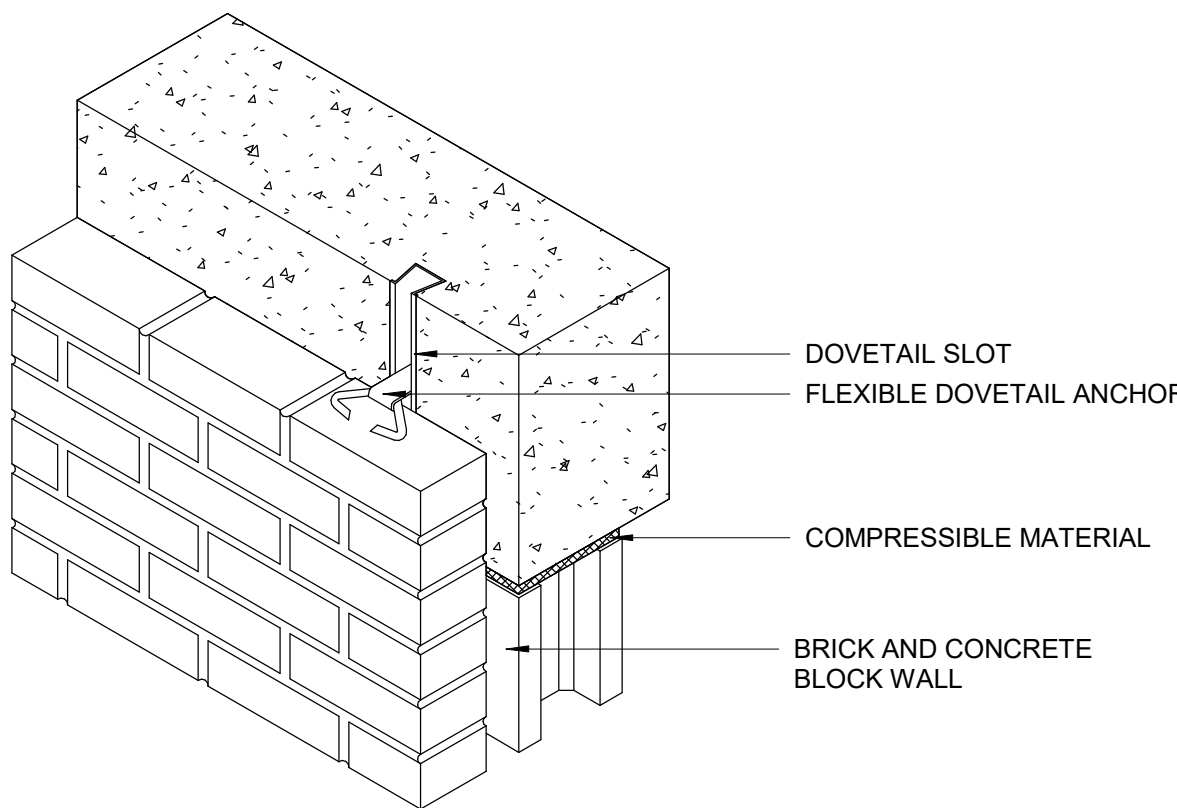
RESERVED

6

MASONRY ANCHOR CONCRETE BEAM

D1502

SCALE: 1 : 10



DOVETAIL SLOT

FLEXIBLE DOVETAIL ANCHOR

COMPRESSIBLE MATERIAL

BRICK AND CONCRETE BLOCK WALL

6


MASONRY ANCHOR CONCRETE BEAM

D1502

SCALE: 1 : 10

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PRIME CONSULTANT



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PROJECT TITLE

CITY OF TORONTO  
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

CITY OF TORONTO  
ACCESSIBILITY UPGRADES

PROJECT NO:

9119- 19- 0162 / IBI 122260

DRAWN BY:

A. BOYNARIAN

CHECKED BY:

A. VAN VEEN

PROJECT MGR:

F. BOLOURIAN

APPROVED BY:

E. FENUTA

SHEET TITLE

MISCELLANEOUS DETAILS -02

SHEET NUMBER

D1502

ISSUE

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PROJECT TITLE

CITY OF TORONTO  
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

CITY OF TORONTO  
ACCESSIBILITY UPGRADES

PROJECT NO:  
91119- 19- 0162 / IBI 122260

DRAWN BY:  
A. BOYNARIAN

CHECKED BY:  
A. VAN VEEN

PROJECT MGR:  
F. BOLOURIAN

APPROVED BY:  
E. FENUTA

SHEET TITLE

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SHEET NUMBER

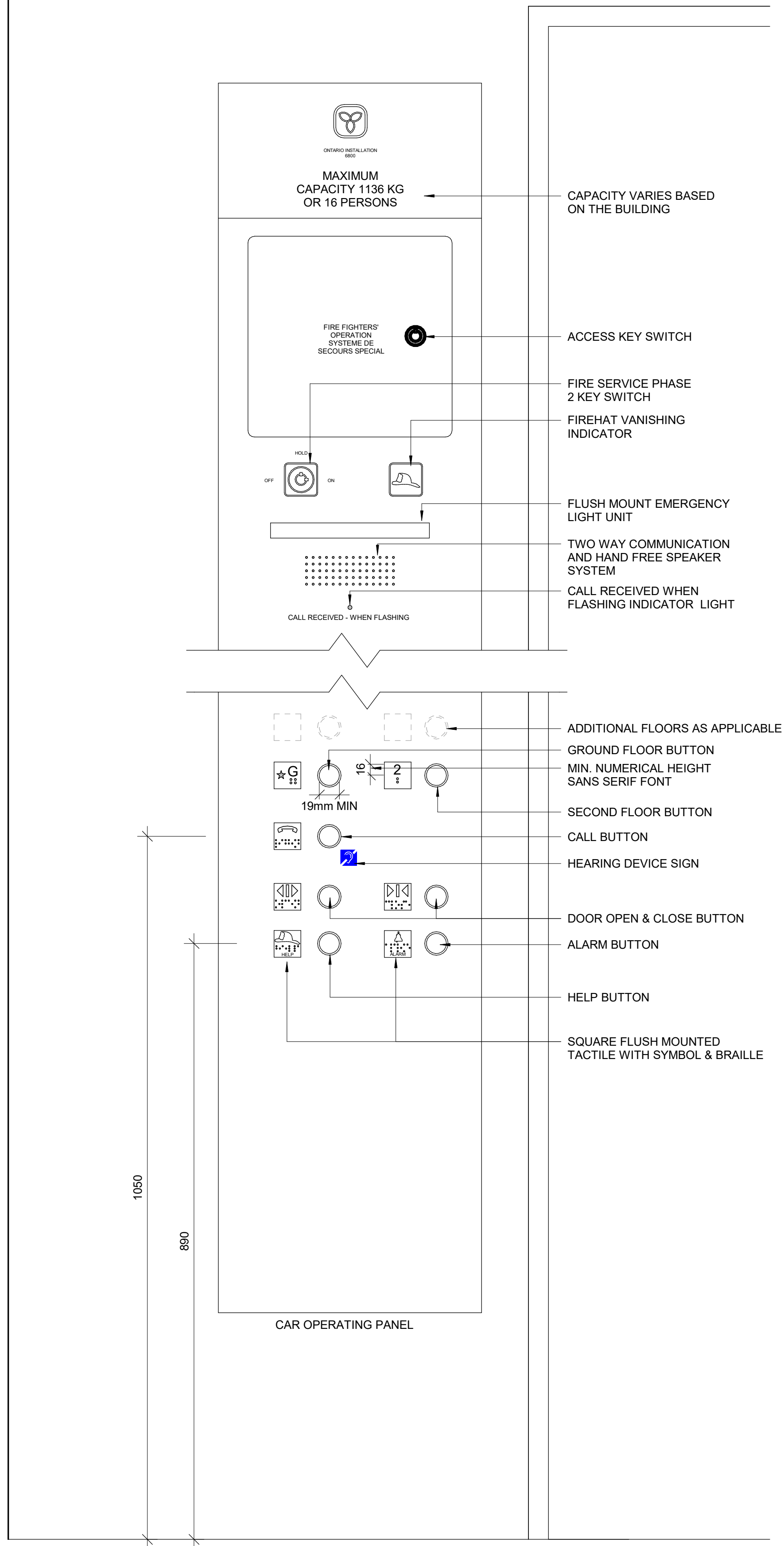
D1601

ISSUE

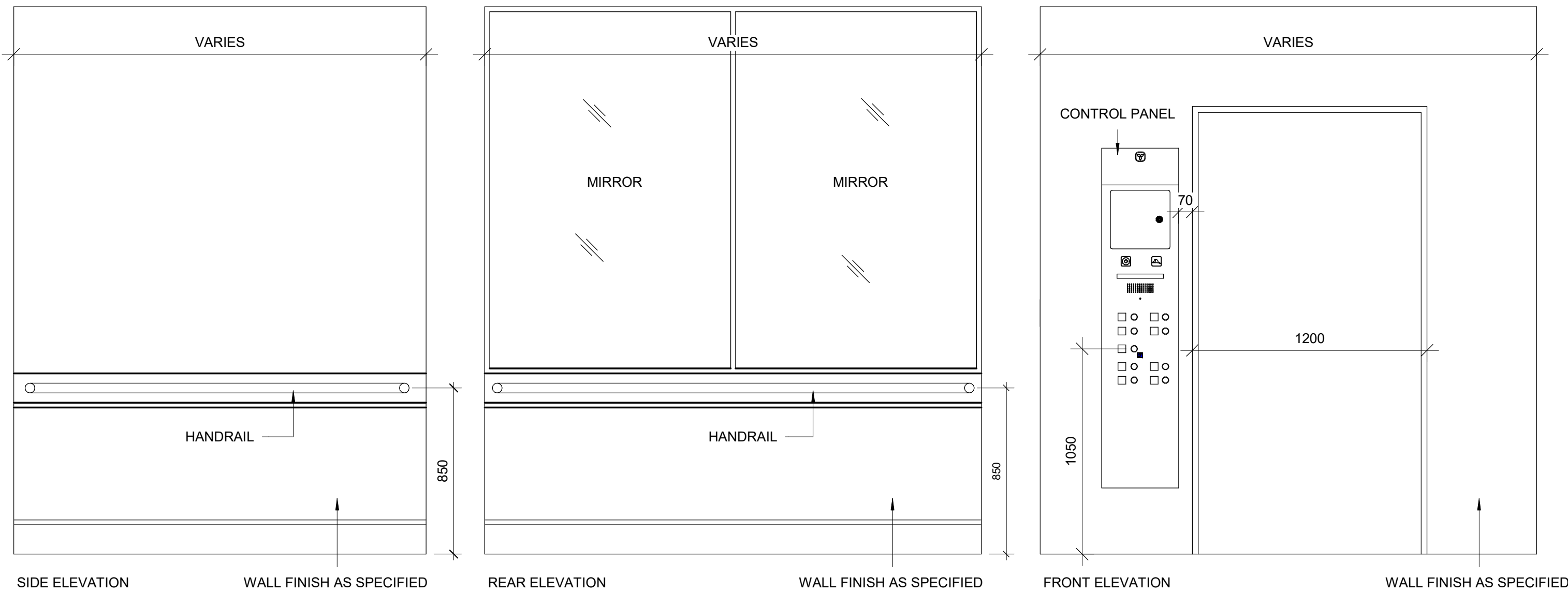
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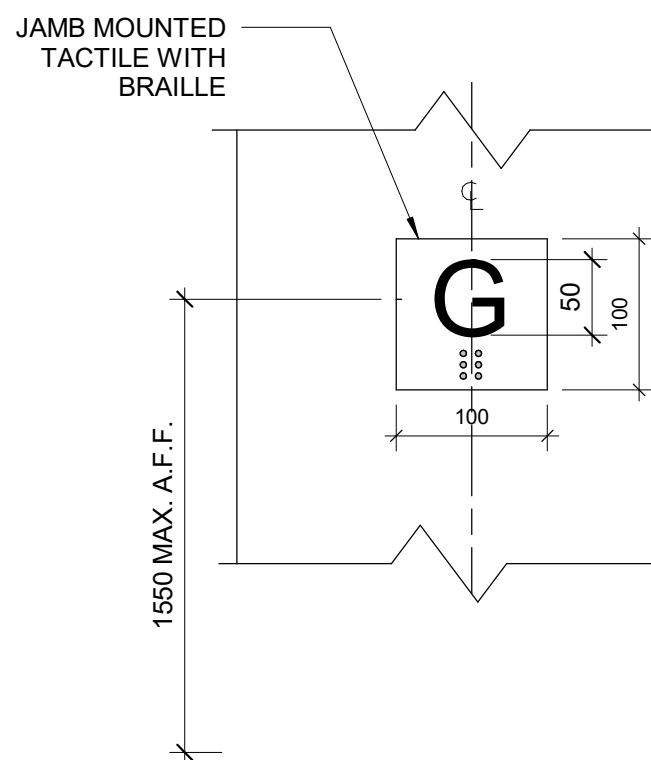
1 INTERIOR ELEVATOR CONTROLS  
D1602 SCALE: 1 : 5



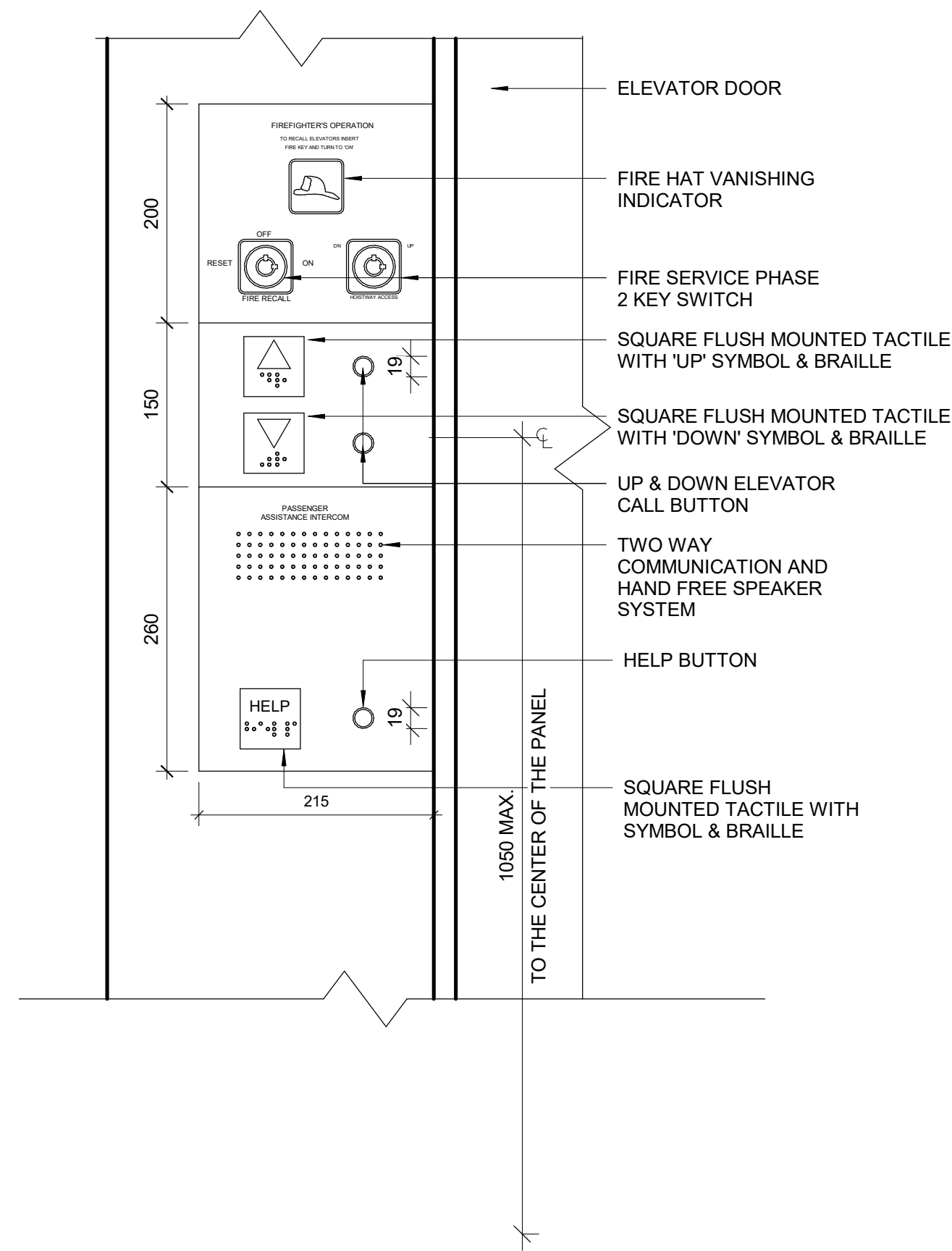
2 ELEVATOR INTERIOR ELEVATIONS  
D1602 SCALE: 1 : 20





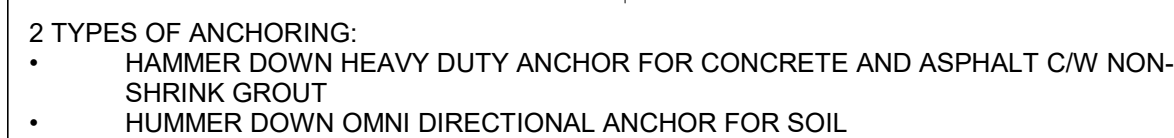
3 TACTILE FLOOR MARKER  
D1602 SCALE: 1 : 5



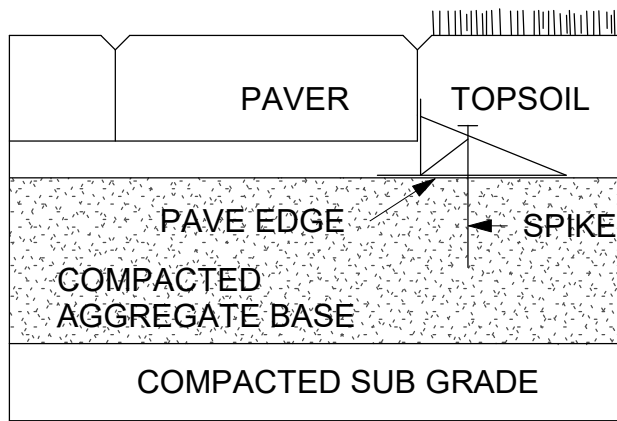
4 ELEVATOR EXTERIOR PANEL ELEVATION  
D1602 SCALE: 1 : 5



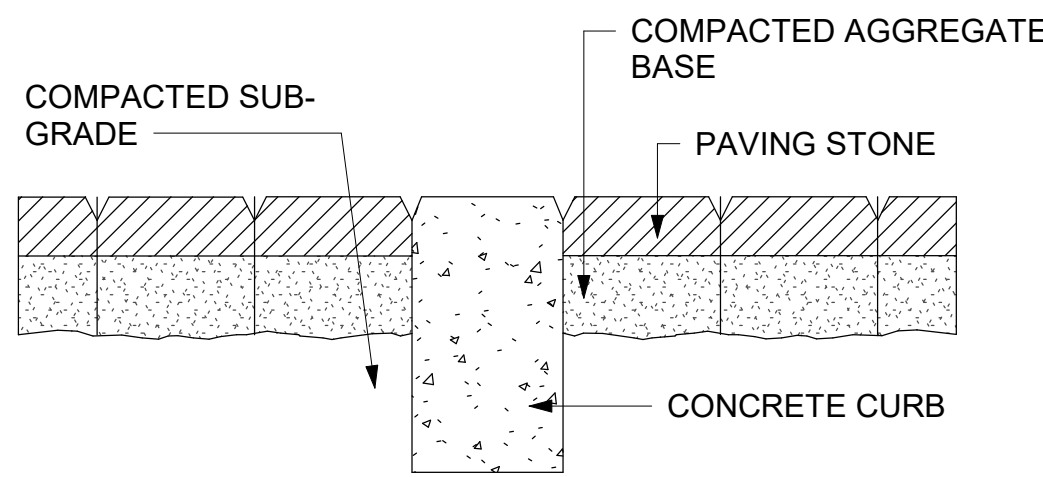
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CITY OF TORONTO ACCESSIBILITY UPGRADES		
PROJECT ADDRESS		
CITY OF TORONTO ACCESSIBILITY UPGRADES		
PROJECT NO: 9119- 19- 0162 / IBI 122260		
DRAWN BY: A. BOYNARIAN	CHECKED BY: A. VAN VEEN	
PROJECT MGR: F. BOLOURIAN	APPROVED BY: E. FENUITA	
SHEET TITLE		
ELEVATOR CONTROL & INTERIOR CABIN DETAILS		
SHEET NUMBER		ISSUE
D1602		00



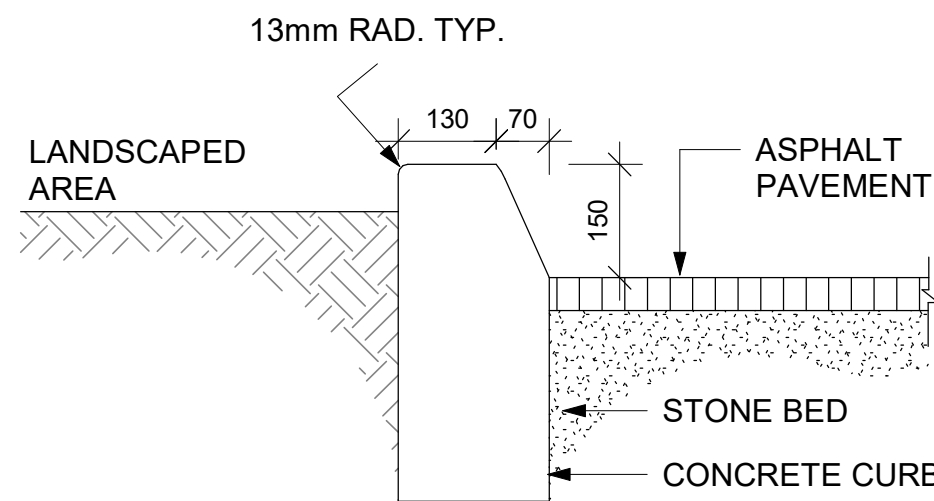




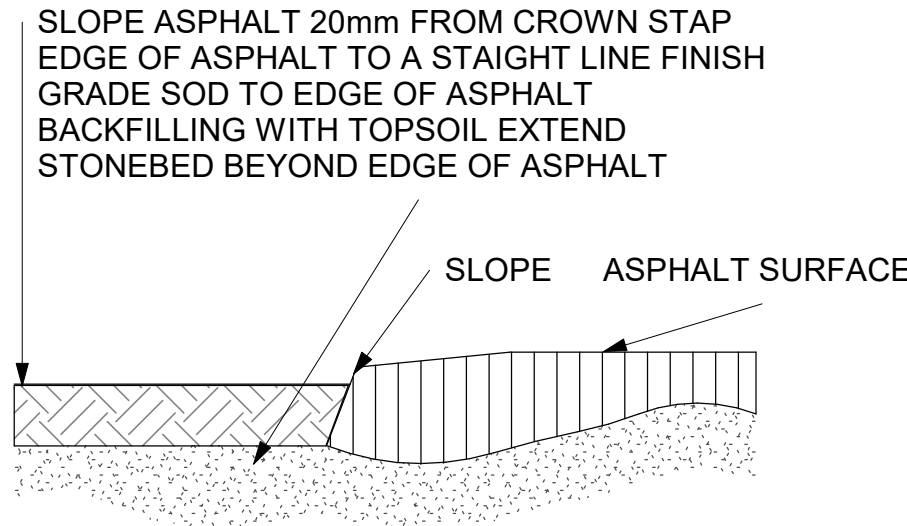
1 **PAVER**  
D1702 SCALE: 1 : 10



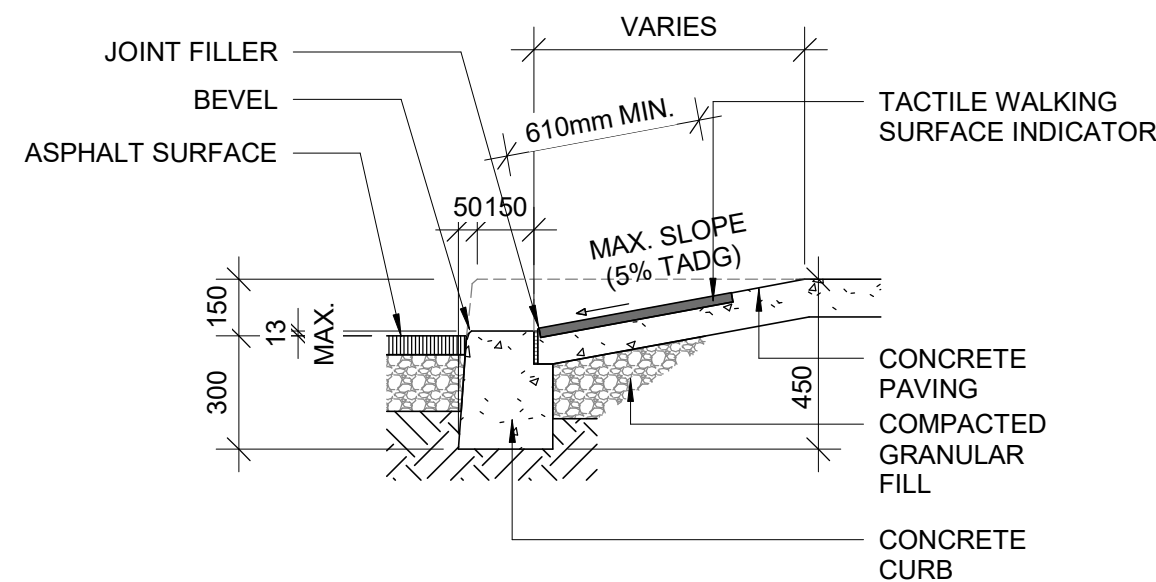
2 **DEPRESSED CURB**  
D1702 SCALE: 1 : 10



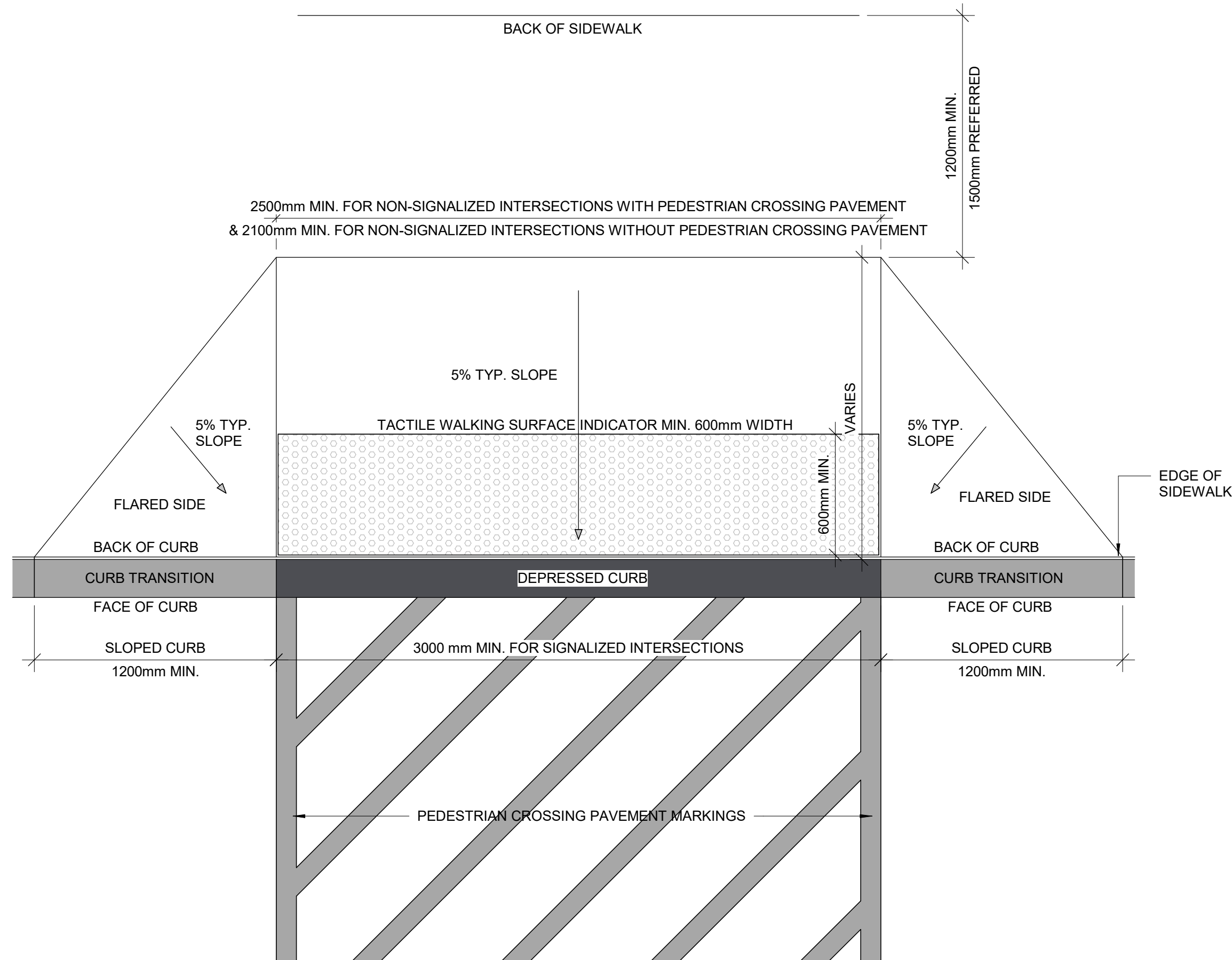
3 **CURB DETAIL AT LANDSCAPED AREA**  
D1702 SCALE: 1 : 10



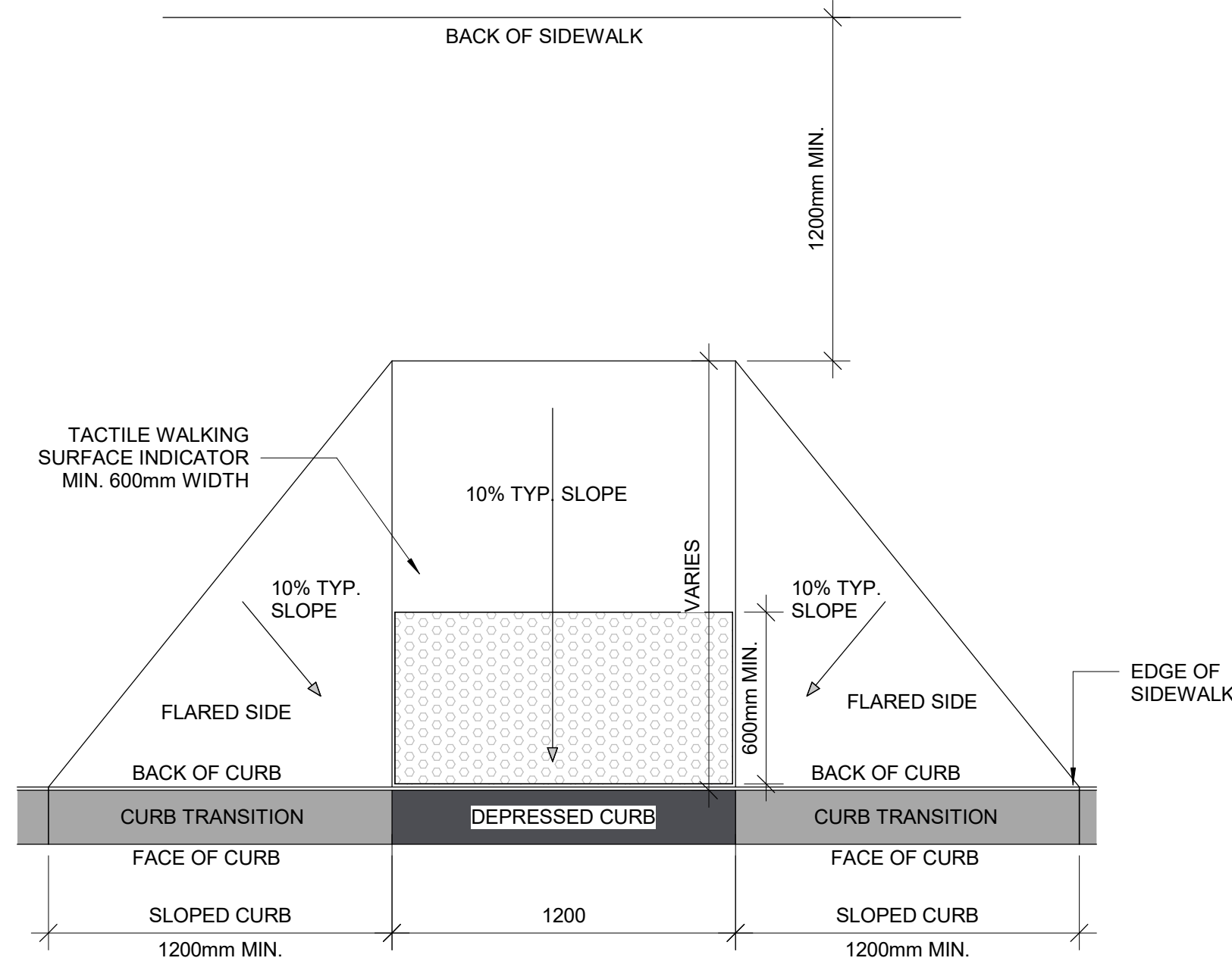
4 **ASPHALT EDGE**  
D1702 SCALE: 1 : 10



6 **CURB RAMP SECTION**  
D1702 SCALE: 1 : 20



5 **LARGE CURB RAMP PLAN**  
D1702 SCALE: 1 : 20



7 **CURB RAMP PLAN**  
D1702 SCALE: 1 : 20

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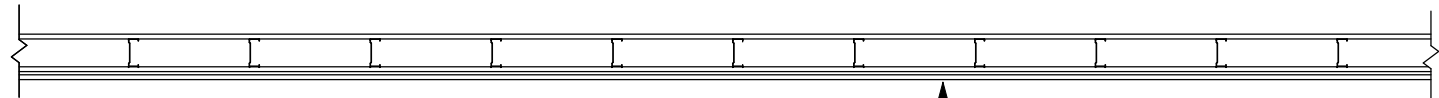
PROJECT TITLE  
**CITY OF TORONTO  
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS  
**CITY OF TORONTO  
ACCESSIBILITY UPGRADES**

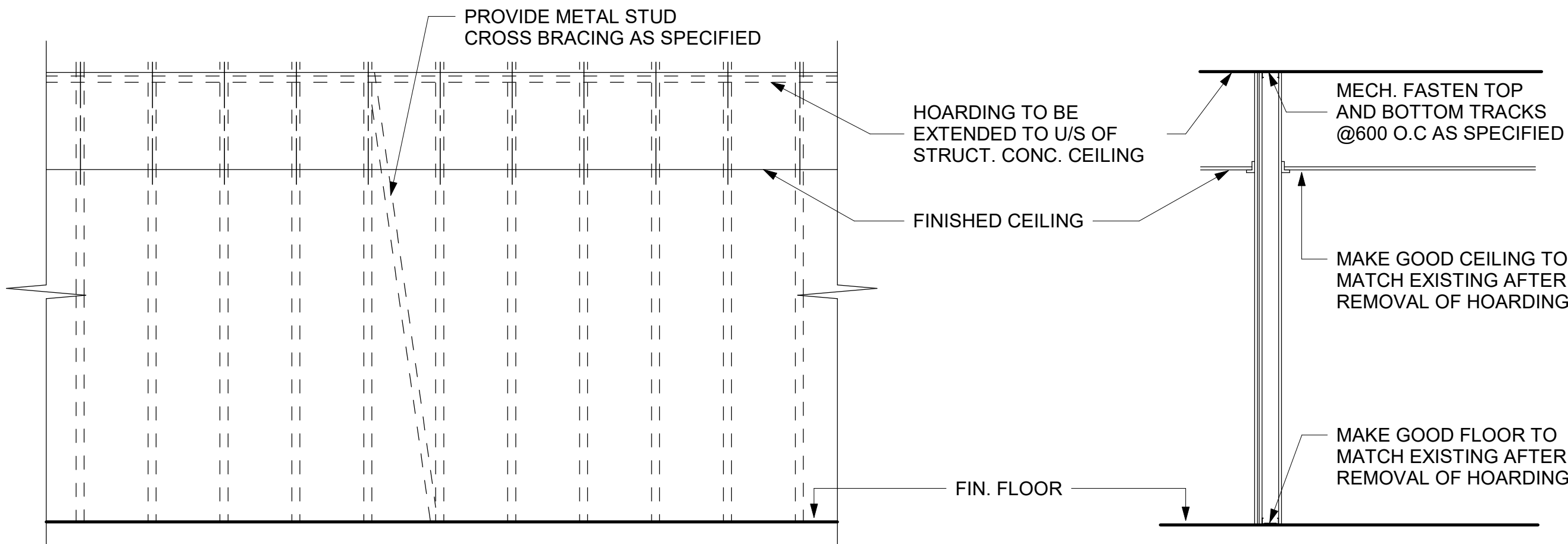
PROJECT NO:  
9119- 19- 0162 / IBI 122260  
DRAWN BY:  
**A. BOYNARIAN**  
PROJECT MGR:  
**F. BOLOURIAN**  
CHECKED BY:  
**A. VAN VEEN**  
APPROVED BY:  
**E. FENUTA**

SHEET TITLE  
**CURB DETAILS**

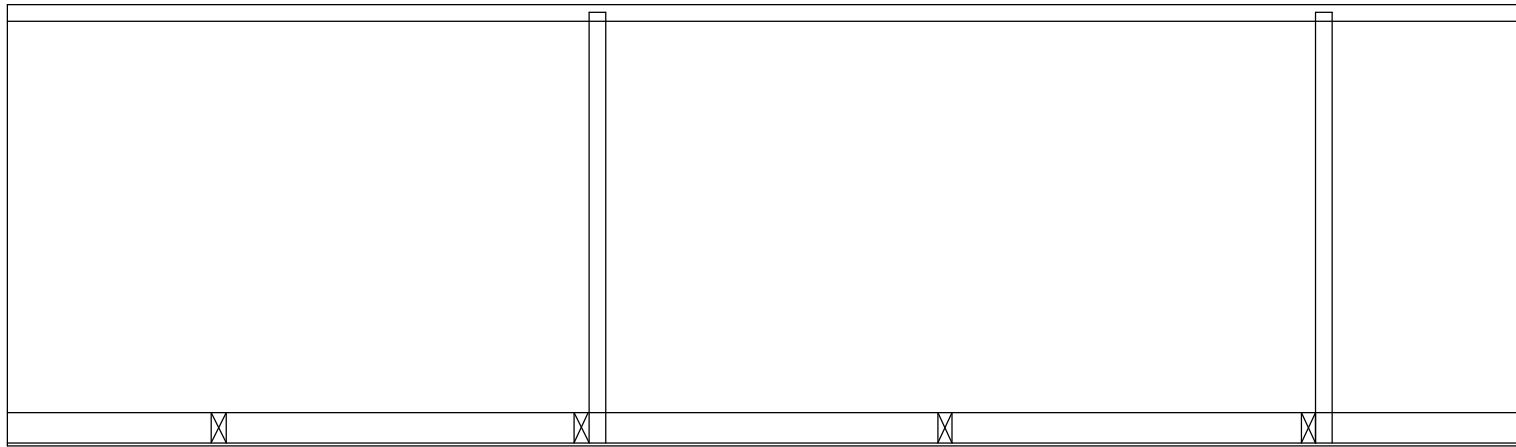
SHEET NUMBER  
**D1702**  
ISSUE  
**00**



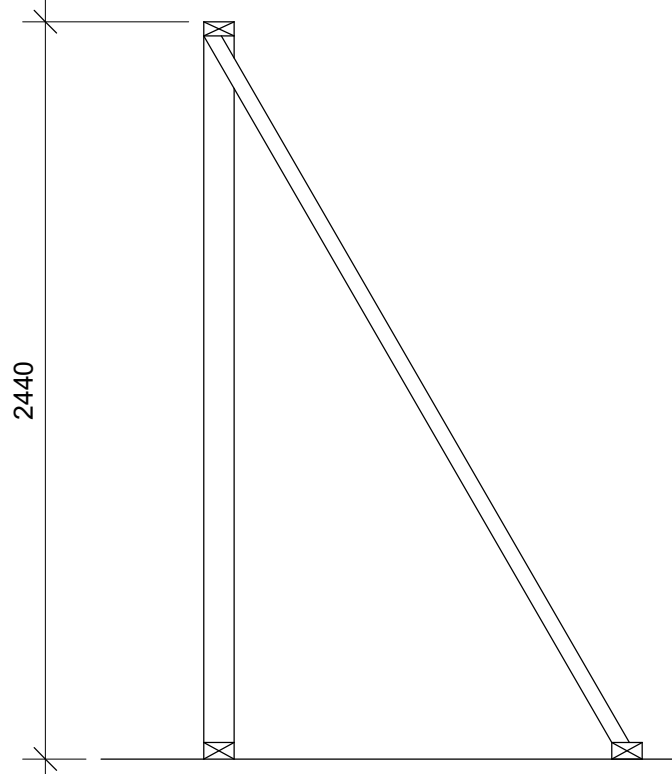
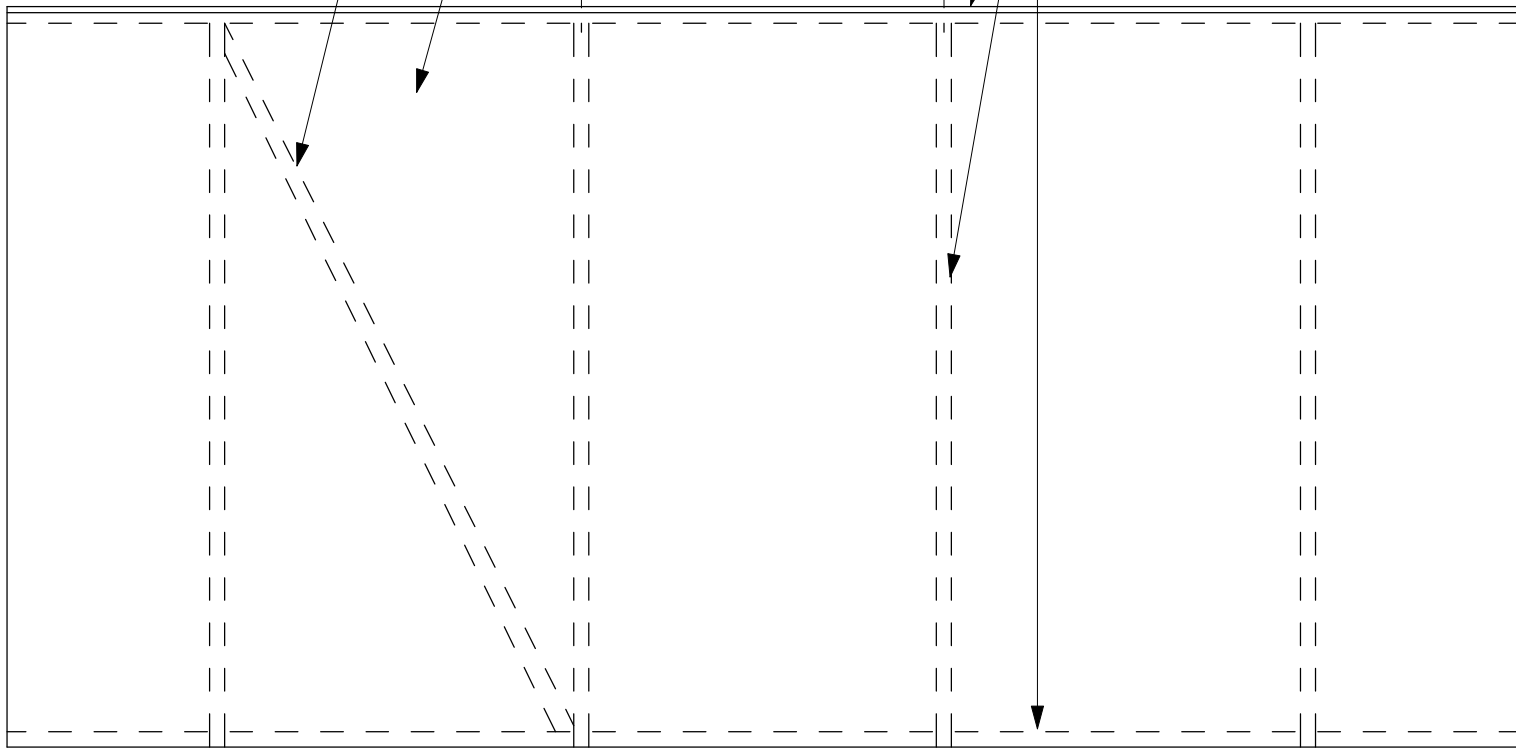
16mm THK. TYPE 'X' GYPSUM BOARD  
92mm METAL STUDS @ 400 O.C  
16mm TYPE 'X' GYPSUM BOARD  
10mm PLYWOOD  
16mm TYPE



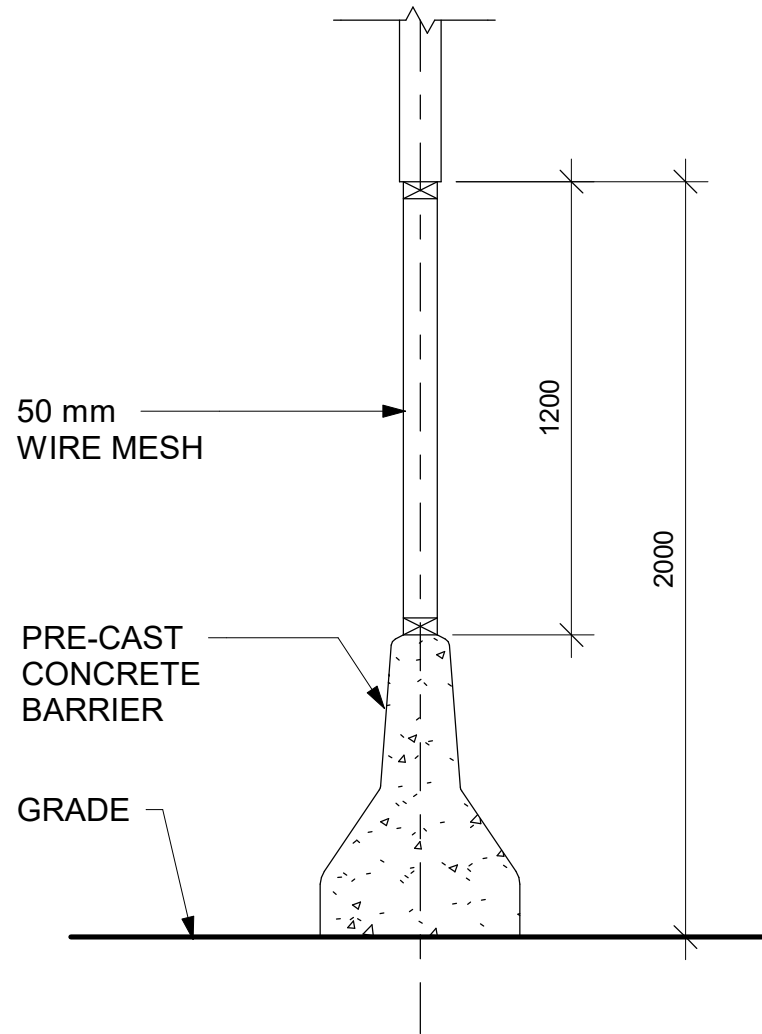
1 PHASING / HOARDING DETAILS 1  
D1801 SCALE: 1 : 25



PROVIDE TIMBER CROSS-BRACING 38mm x 89mm AS REQUIRED  
10mm PLYWOOD (SHEETING GRADE)  
38mm x 89mm TIMBER TOP, VERTICAL AND BOTTOM



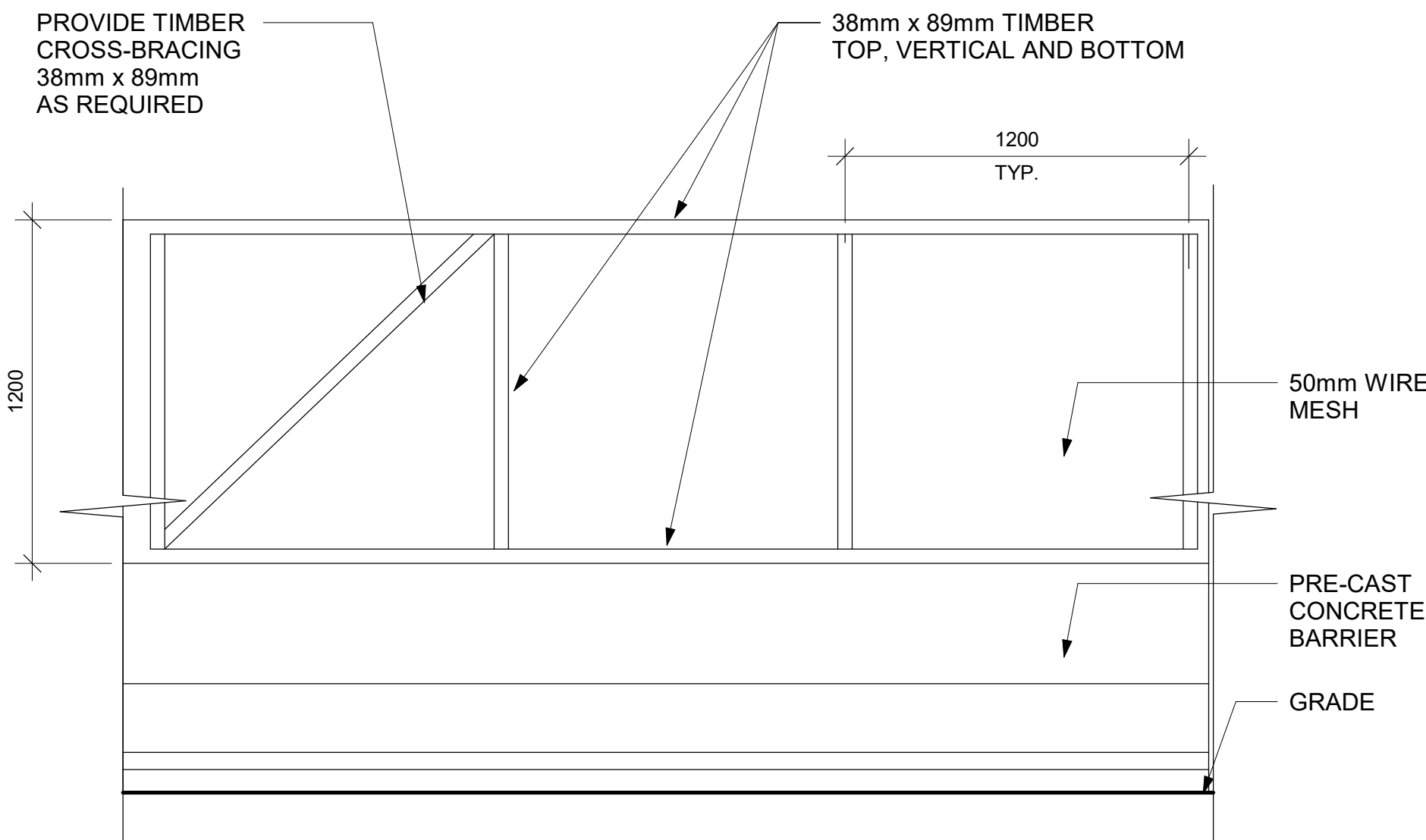
3 EXTERIOR PHASING / HOARDING DETAILS 3  
D1801 SCALE: 1 : 25



50 mm  
WIRE MESH

PRE-CAST  
CONCRETE  
BARRIER

GRADE



PROVIDE TIMBER CROSS-BRACING 38mm x 89mm AS REQUIRED

38mm x 89mm TIMBER TOP, VERTICAL AND BOTTOM

50mm WIRE MESH

PRE-CAST  
CONCRETE  
BARRIER

GRADE

2 EXTERIOR PHASING / HOARDING DETAILS 2  
D1801 SCALE: 1 : 20

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No.	DESCRIPTION	DATE
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**PROJECT TITLE**  
CITY OF TORONTO  
ACCESSIBILITY UPGRADES

**PROJECT ADDRESS**  
CITY OF TORONTO  
ACCESSIBILITY UPGRADES

**PROJECT NO:**  
91119- 19- 0162 / IBI 122260  
**DRAWN BY:**  
A. BOYNARIAN  
**CHECKED BY:**  
A. VAN VEEN  
**PROJECT MGR:**  
F. BOLOURIAN  
**APPROVED BY:**  
E. FENUTA

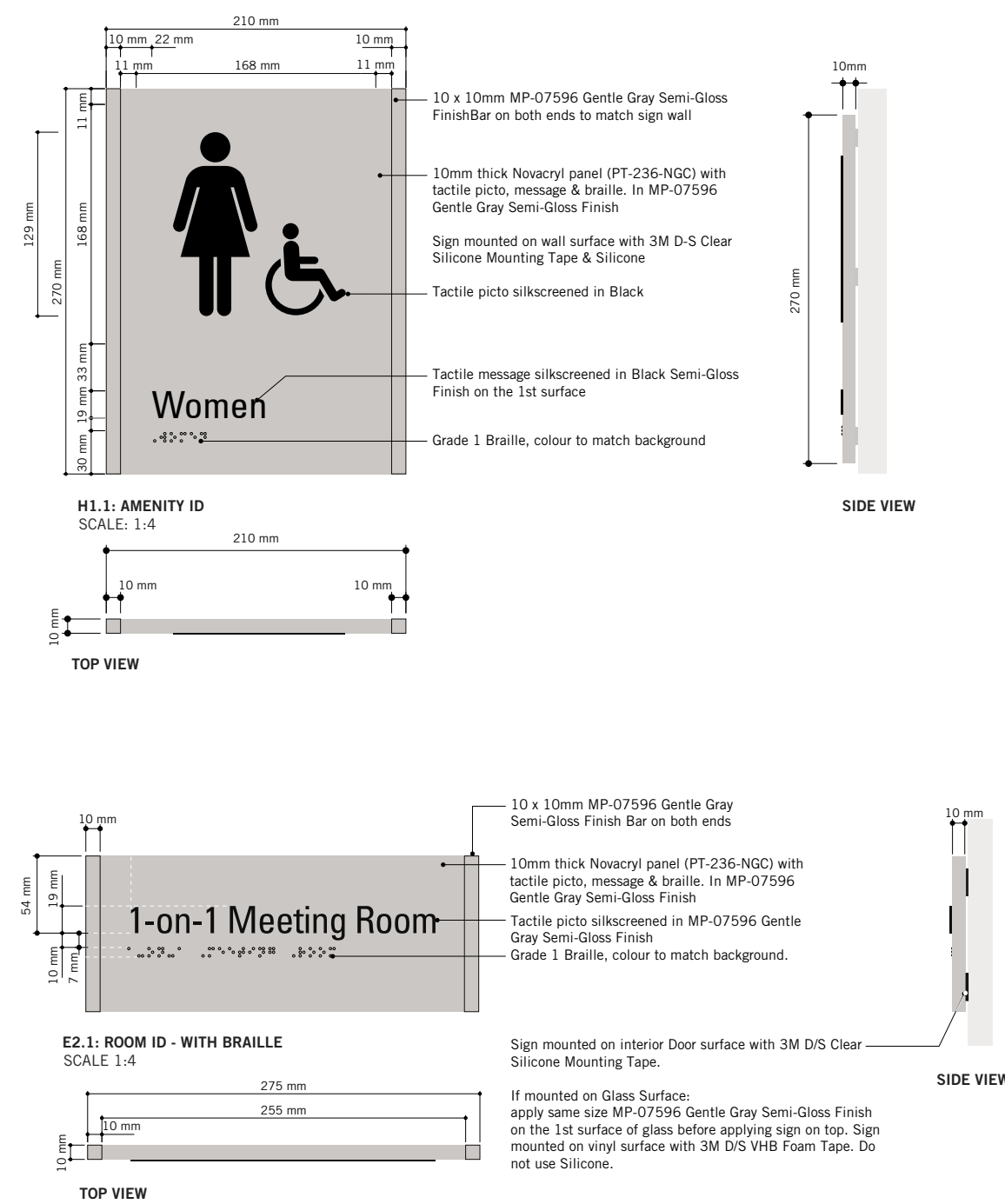
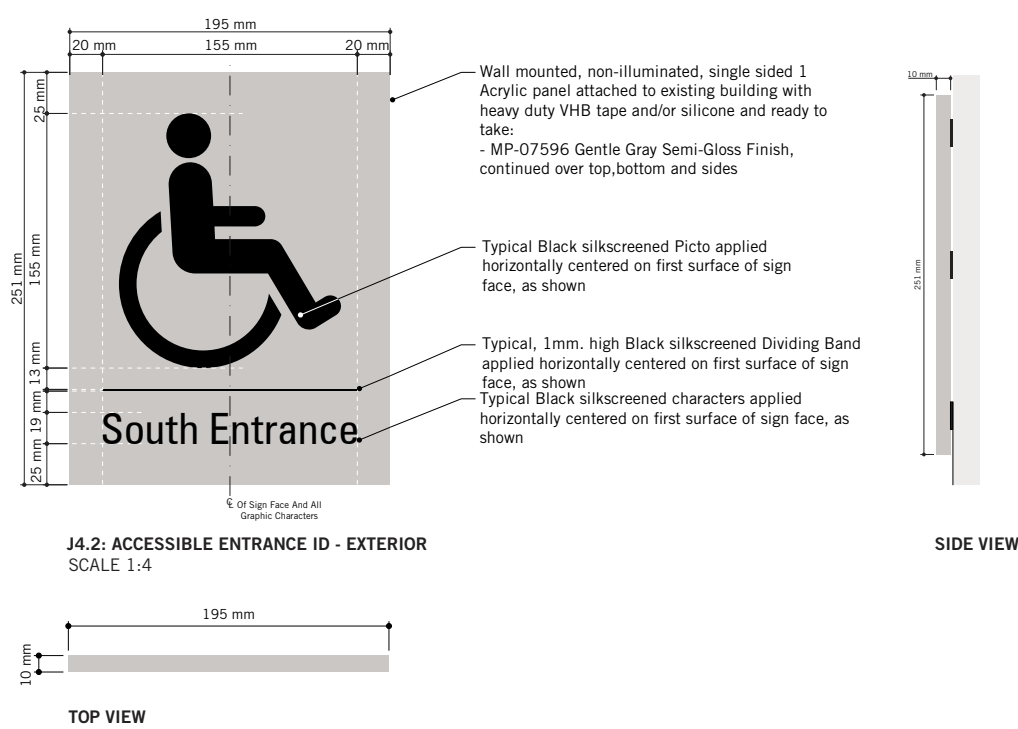
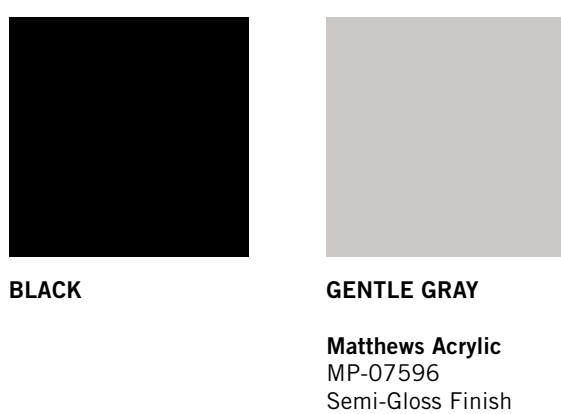
**SHEET TITLE**  
HOARDING DETAILS

**SHEET NUMBER**  
D1801  
**ISSUE**  
00



ABCDEFGHIJKLMNOPQRSTUVWXYZ  
abcdefghijklmnopqrstuvwxyz  
1234567890

**ABCDEFGHIJKLMNOPQRSTUVWXYZ**  
**abcdefghijklmnopqrstuvwxyz**  
**1234567890**

[illegible]

Note:  
Typical colours for all Toronto Police  
Service Standards building upgrades.

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CITY OF TORONTO

 TORONTO

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TORONTO, ON  
M5V 3C6

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[ibigroup.com](http://ibigroup.com)

PROJECT TITLE  
CITY OF TORONTO  
ACCESSIBILITY UPGRADES

PROJECT ADDRESS  
GROUP 08 BUILDINGS

PROJECT NO:  
9119 - 19 - 0162 / IBI 122260

DRAWN BY: <b>B. FERNANDEZ</b>	CHECKED BY: <b>C.D. SCHNOBB</b>
PROJECT MGR: <b>R. DALY</b>	APPROVED BY:

SHEET TITLE

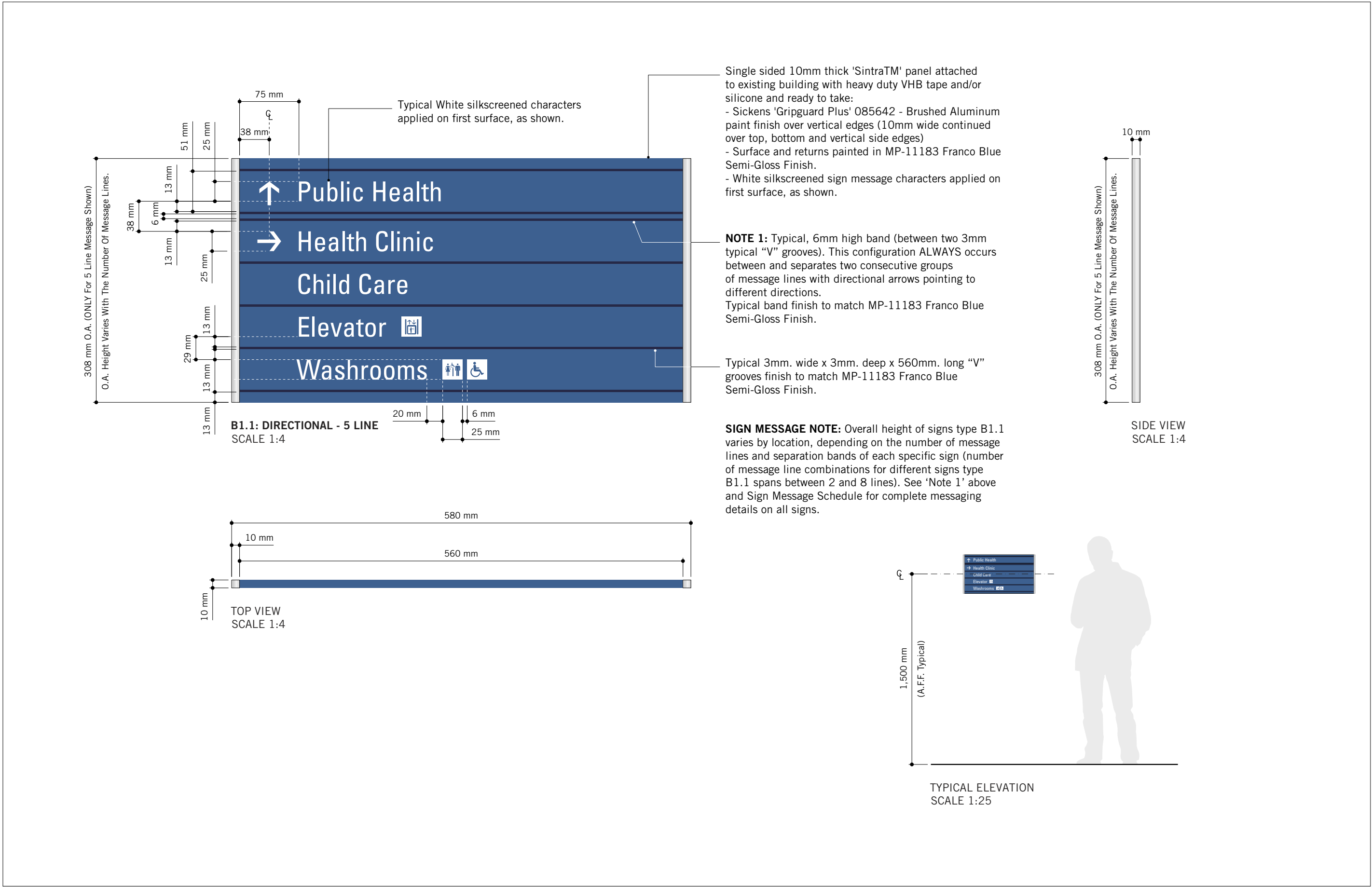
SIGNAGE & WAYFINDING  
DETAILS

GENERAL SPECIFICATIONS

SHEET NUMBER	ISSUE
D1901	00

C:\Users\lara.boynarian\Desktop\TAU-G31- 100 QUEEN ST WEST - CITY HALL.M





ISSUES		
No.	DESCRIPTION	DATE
00	ISSUED FOR CONSTRUCTION	2021-10-19

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Toronto, Canada M5J 2G2

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[ibigroup.com](http://ibigroup.com)

PROJECT TITLE

**CITY OF TORONTO  
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

**GROUP 08 BUILDINGS**

PROJECT NO:  
9119 – 19 – 0162 / IBI 122260

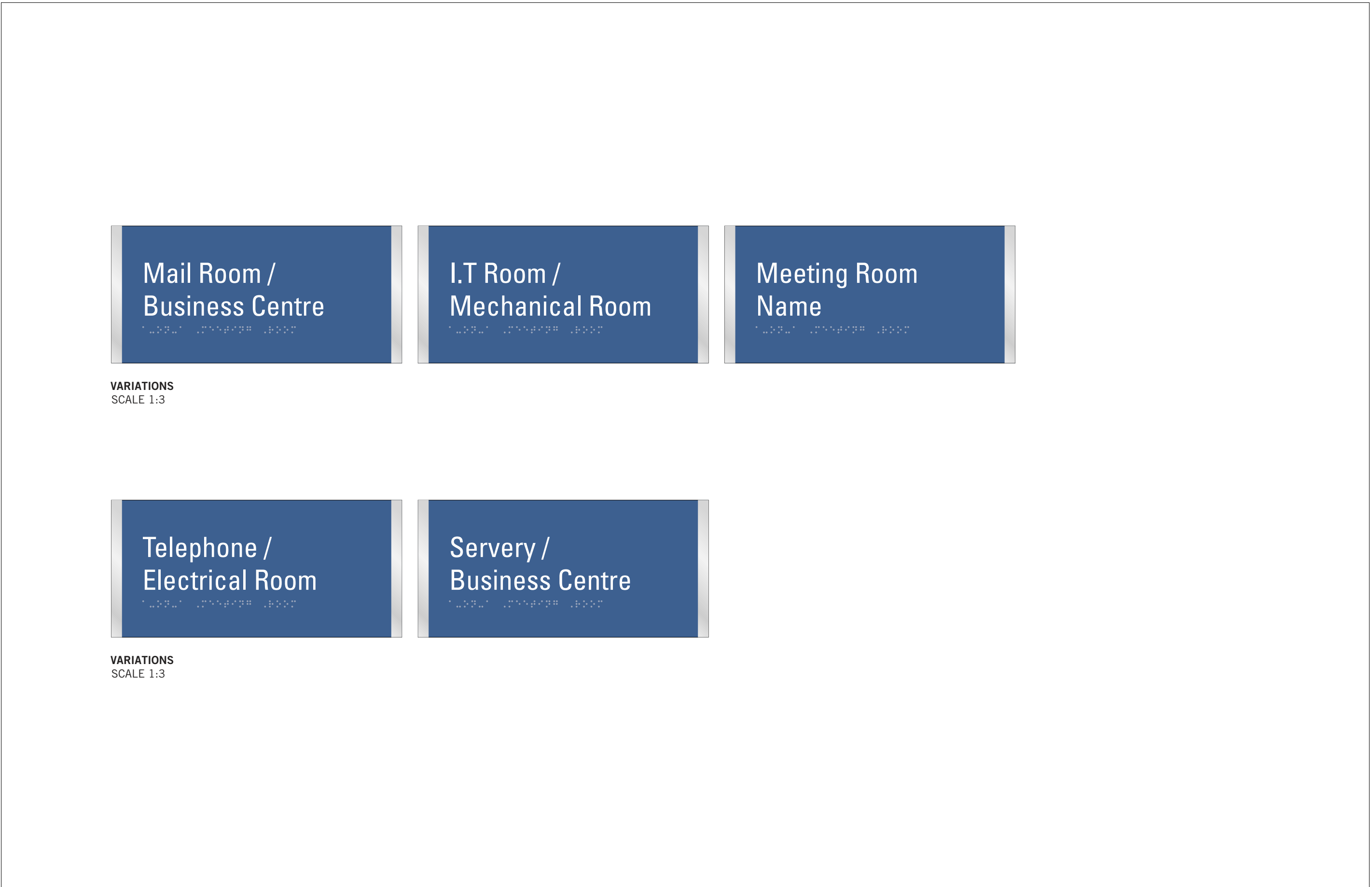
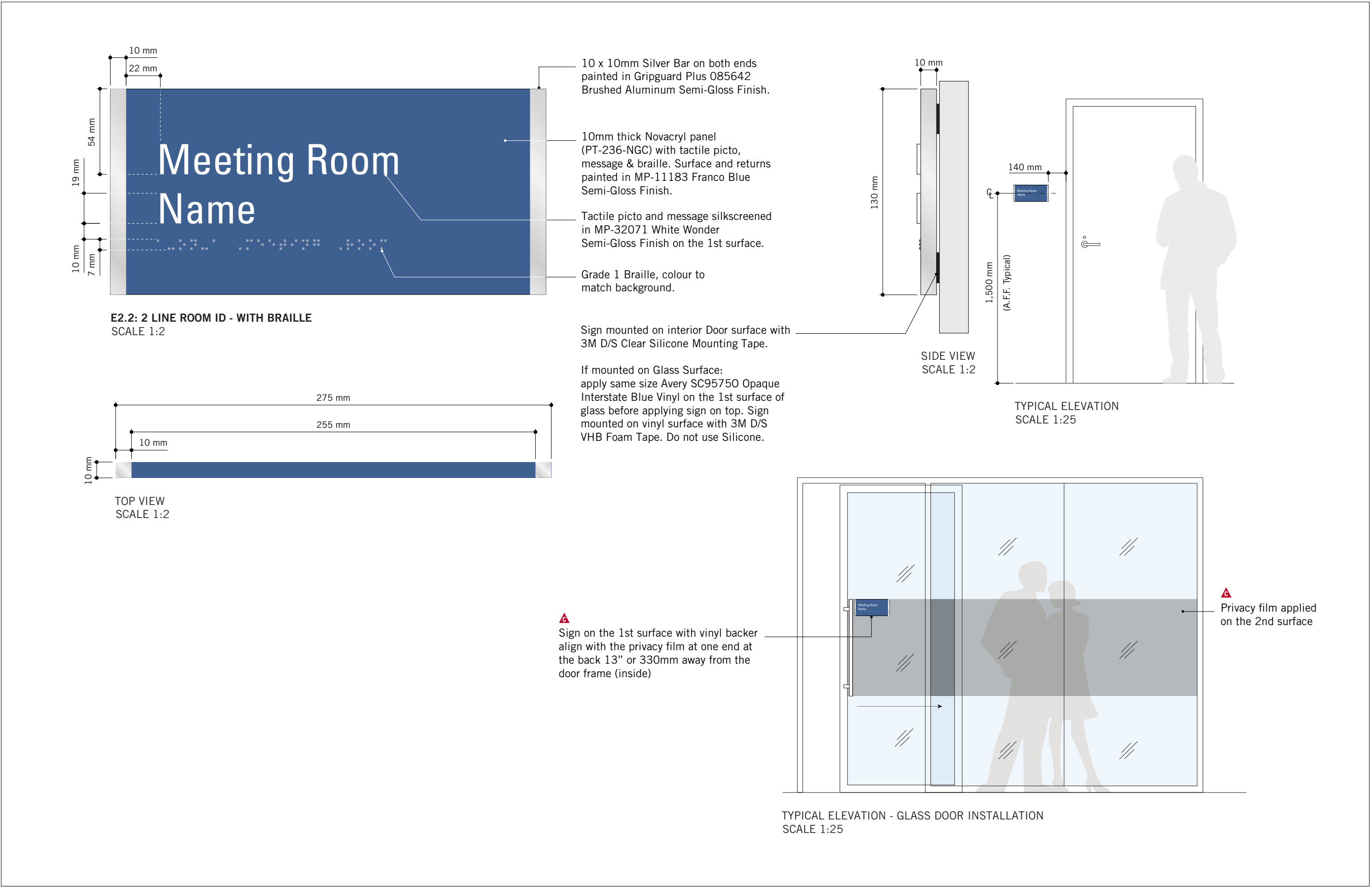
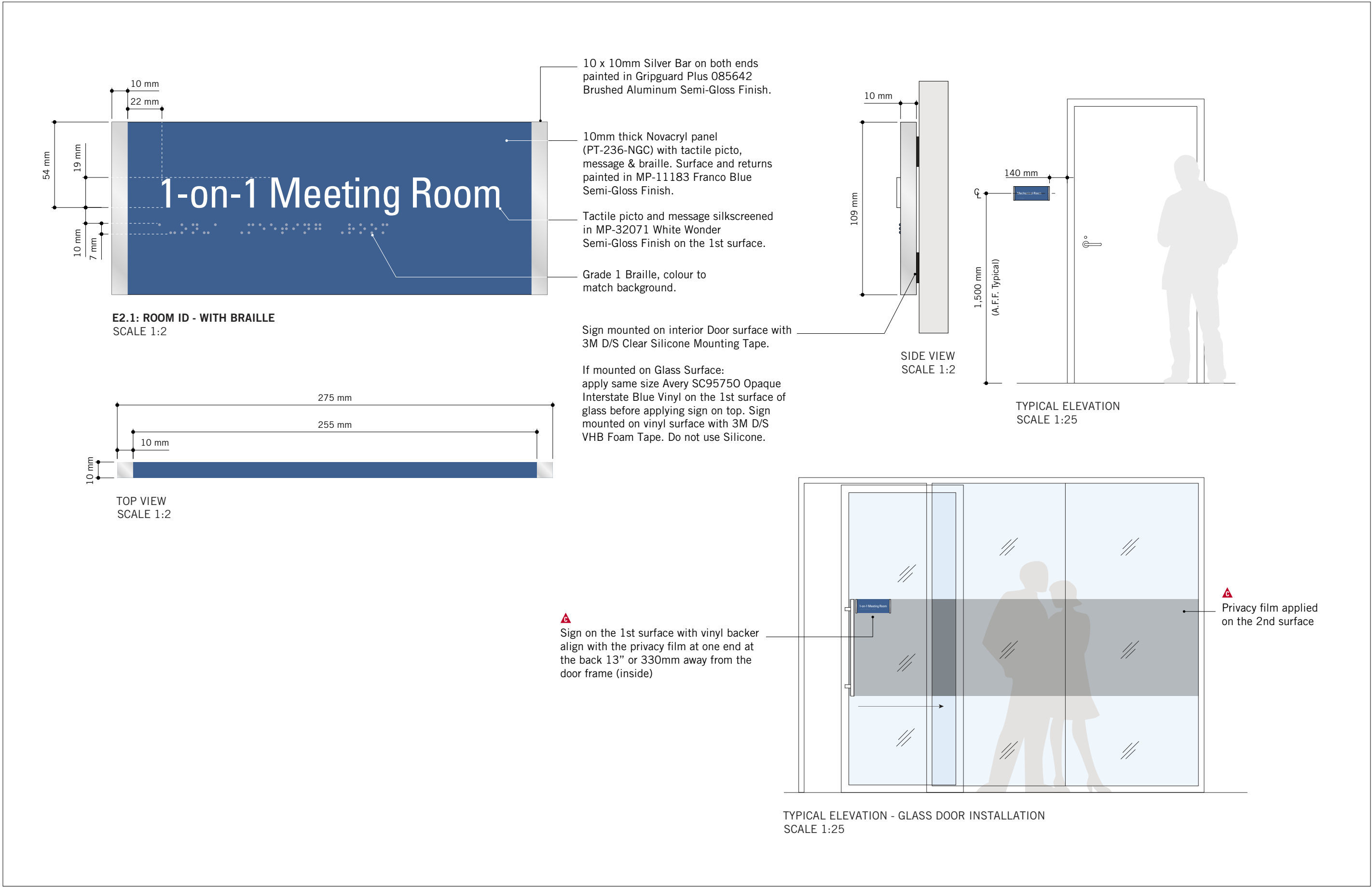
DRAWN BY: <b>B. FERNANDEZ</b>	CHECKED BY: <b>C.D. SCHNOBB</b>
PROJECT MGR: <b>R. DALY</b>	APPROVED BY:

SHEET TITLE

**SIGNAGE & WAYFINDING  
DETAILS**


**B1.1: DIRECTIONAL SIGNAGE**

SHEET NUMBER	ISSUE
<b>D1902</b>	<b>00</b>



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ISSUES


No.	DESCRIPTION	DATE
00	ISSUED FOR CONSTRUCTION	2021-10-19

CONSULTANTS

ENTRO  
33 Harbour Square, Suite 202  
Toronto, Canada M5J 2G2

SEAL

PRIME CONSULTANT



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

PROJECT TITLE

CITY OF TORONTO  
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

GROUP 08 BUILDINGS

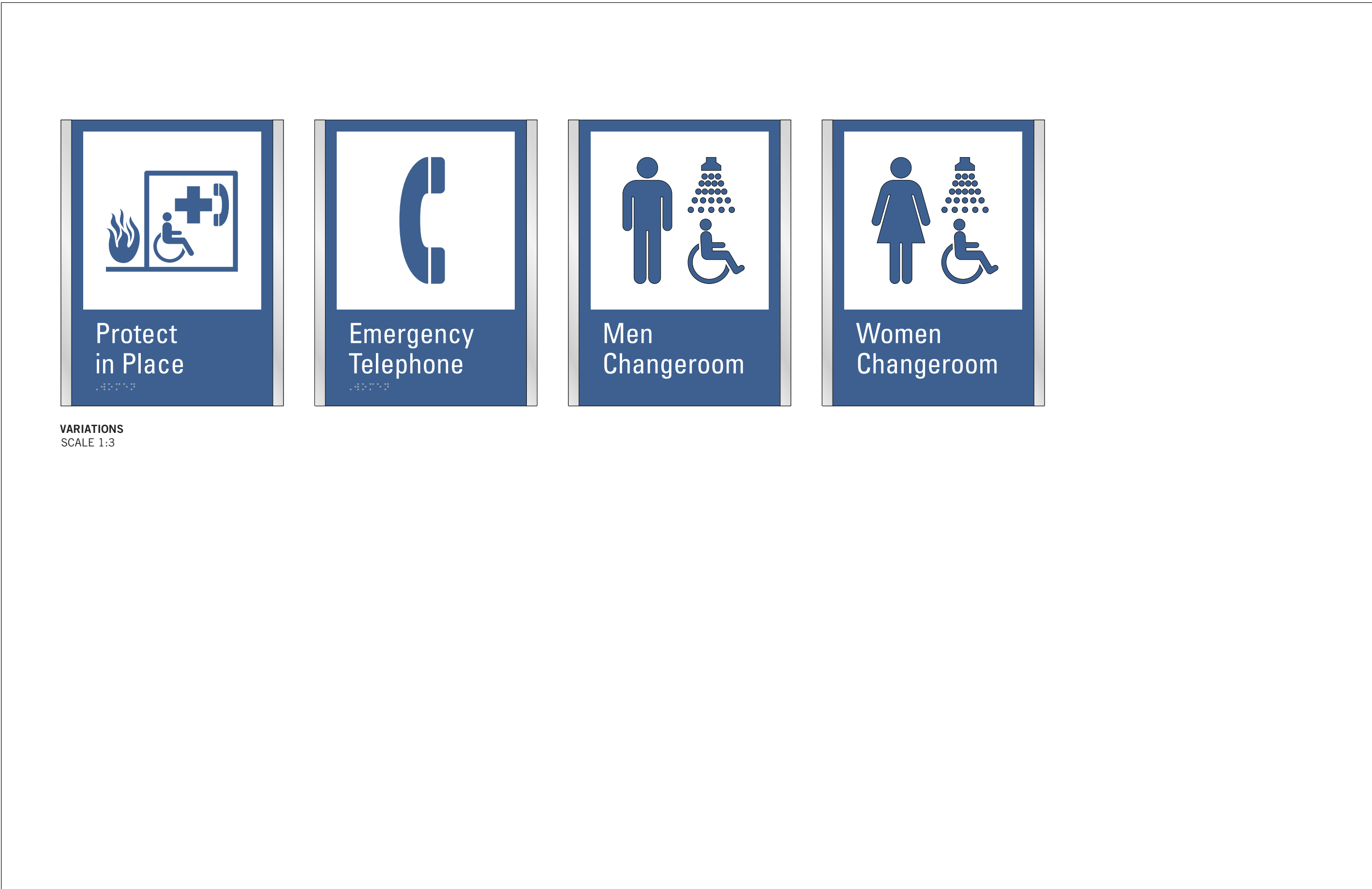
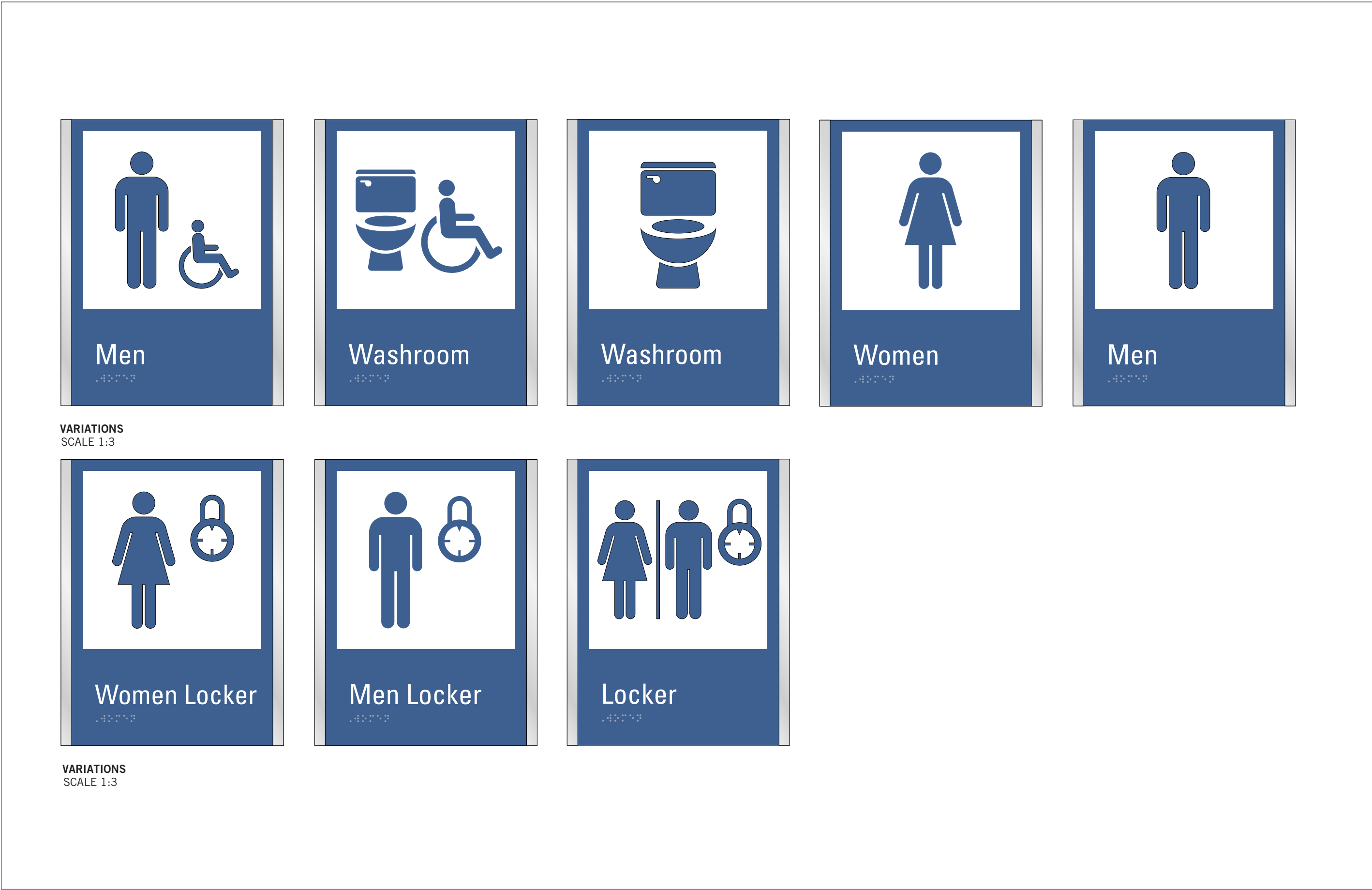
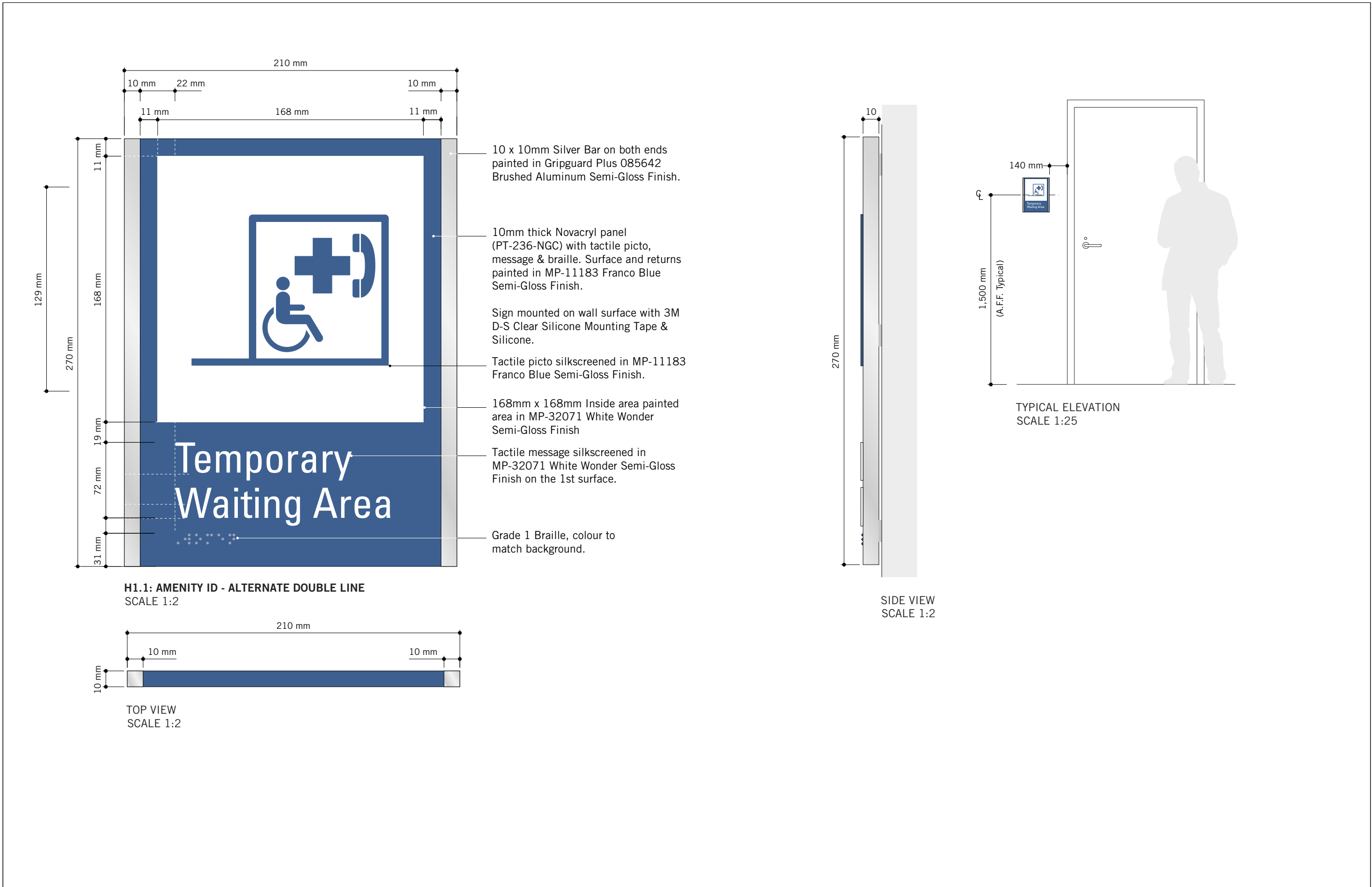
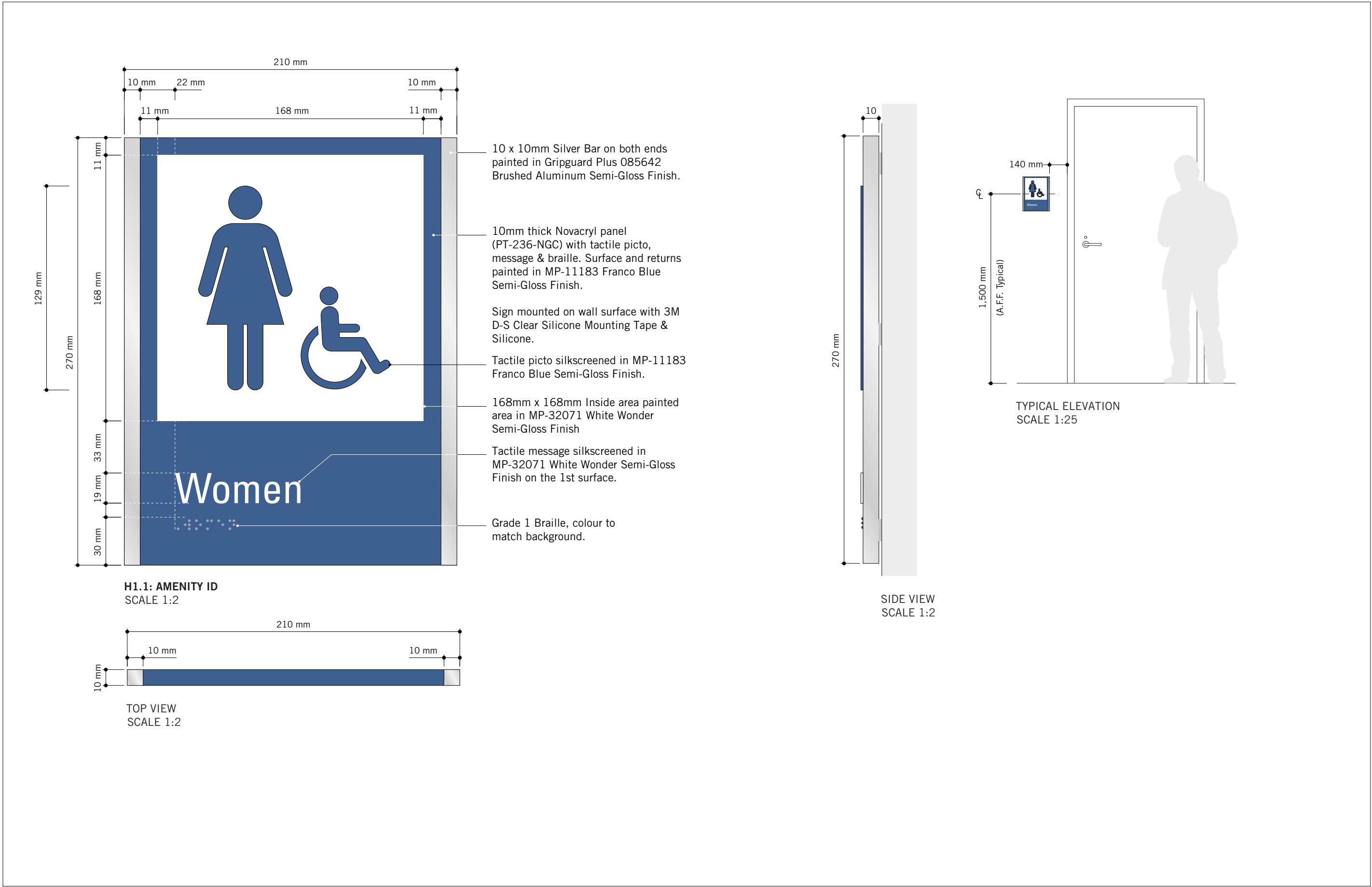
PROJECT NO:  
9119 – 19 – 0162 / IBI 122260

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

SHEET TITLE

SIGNAGE & WAYFINDING  
DETAILS  
E2: ROOM ID

SHEET NUMBER	ISSUE
D1903	00



ISSUES		
No.	DESCRIPTION	DATE
00	ISSUED FOR CONSTRUCTION	2021-10-19

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PROJECT TITLE

CITY OF TORONTO  
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

GROUP 08 BUILDINGS

PROJECT NO:

9119 - 19 - 0162 / IBI 122260

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

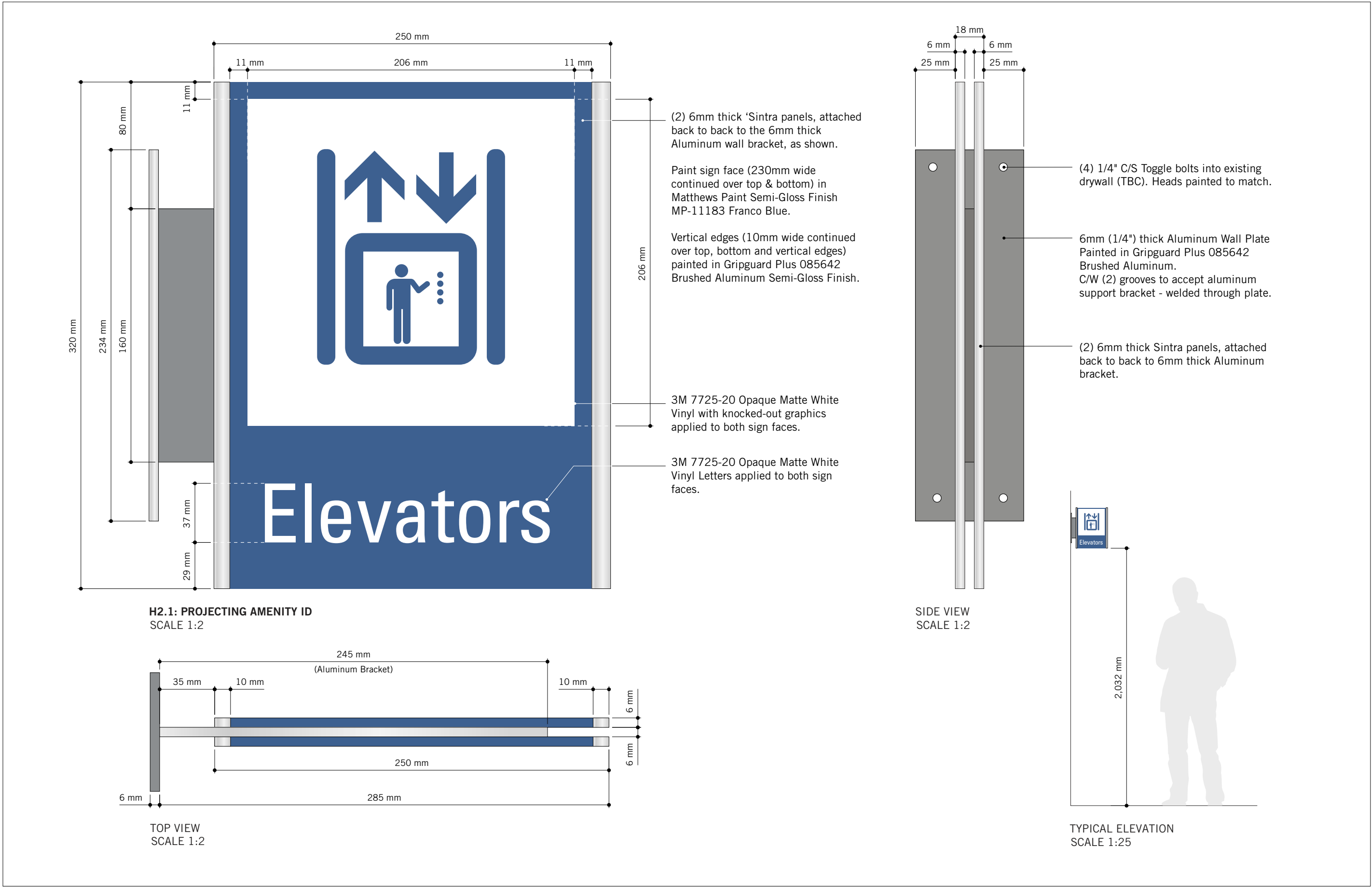
SHEET TITLE

SIGNAGE & WAYFINDING  
DETAILS

H1.1: AMENITY ID

SHEET NUMBER	ISSUE
D1904	00





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ISSUES		
No.	DESCRIPTION	DATE
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[ibigroup.com](http://ibigroup.com)

PROJECT TITLE  
CITY OF TORONTO  
ACCESSIBILITY UPGRADES

PROJECT ADDRESS  
GROUP 08 BUILDINGS

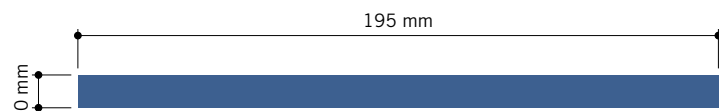
PROJECT NO:  
9119 – 19 – 0162 / IBI 122260  
DRAWN BY:  
**B. FERNANDEZ**  
PROJECT MGR:  
**R. DALY**  
CHECKED BY:  
**C.D. SCHNOBB**  
APPROVED BY:

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

SHEET NUMBER  
**D1905**  
ISSUE  
**00**



J4.2: ACCESSIBLE ENTRANCE ID - EXTERIOR  
SCALE 1:2



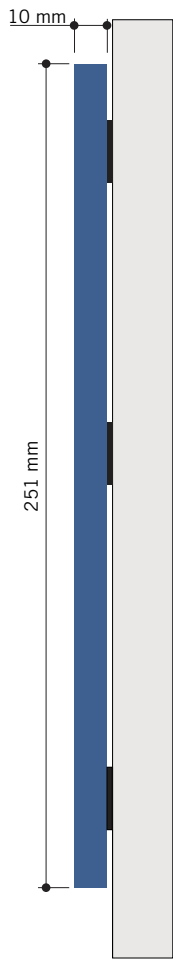
TOP VIEW  
SCALE 1:2

Wall mounted, non-illuminated, single sided 1 Acrylic panel attached to existing building with heavy duty VHB tape and/or silicone and ready to take:  
- Blue paint finish over sign face, continued over top, bottom and sides, to match PMS 647  
- White silkscreened sign Picto applied on first surface of sign face, as shown here

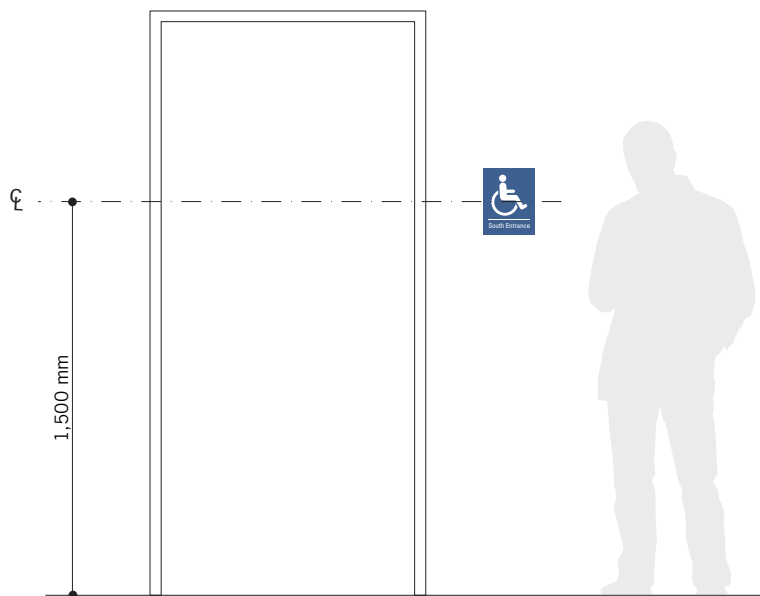
Typical White silkscreened Picto applied horizontally centered on first surface of sign face, as shown

Typical, 1mm. high White silkscreened Dividing Band applied horizontally centered on first surface of sign face, as shown

Typical White silkscreened characters applied horizontally centered on first surface of sign face, as shown



SIDE VIEW  
SCALE 1:2



TYPICAL ELEVATION  
SCALE 1:25



VARIATIONS  
SCALE 1:3



CLIENT

CITY OF TORONTO



55 John ST.  
TORONTO, ON  
M5V 3C6

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ISSUES

No.	DESCRIPTION	DATE
00	ISSUED FOR CONSTRUCTION	2021-10-19

CONSULTANTS

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PROJECT TITLE

CITY OF TORONTO  
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

GROUP 08 BUILDINGS

PROJECT NO:

9119 - 19 - 0162 / IBI 122260

DRAWN BY:

**B. FERNANDEZ**

CHECKED BY:

**C.D. SCHNOBB**

PROJECT MGR:

**R. DALY**

APPROVED BY:

SHEET TITLE

SIGNAGE & WAYFINDING  
DETAILS

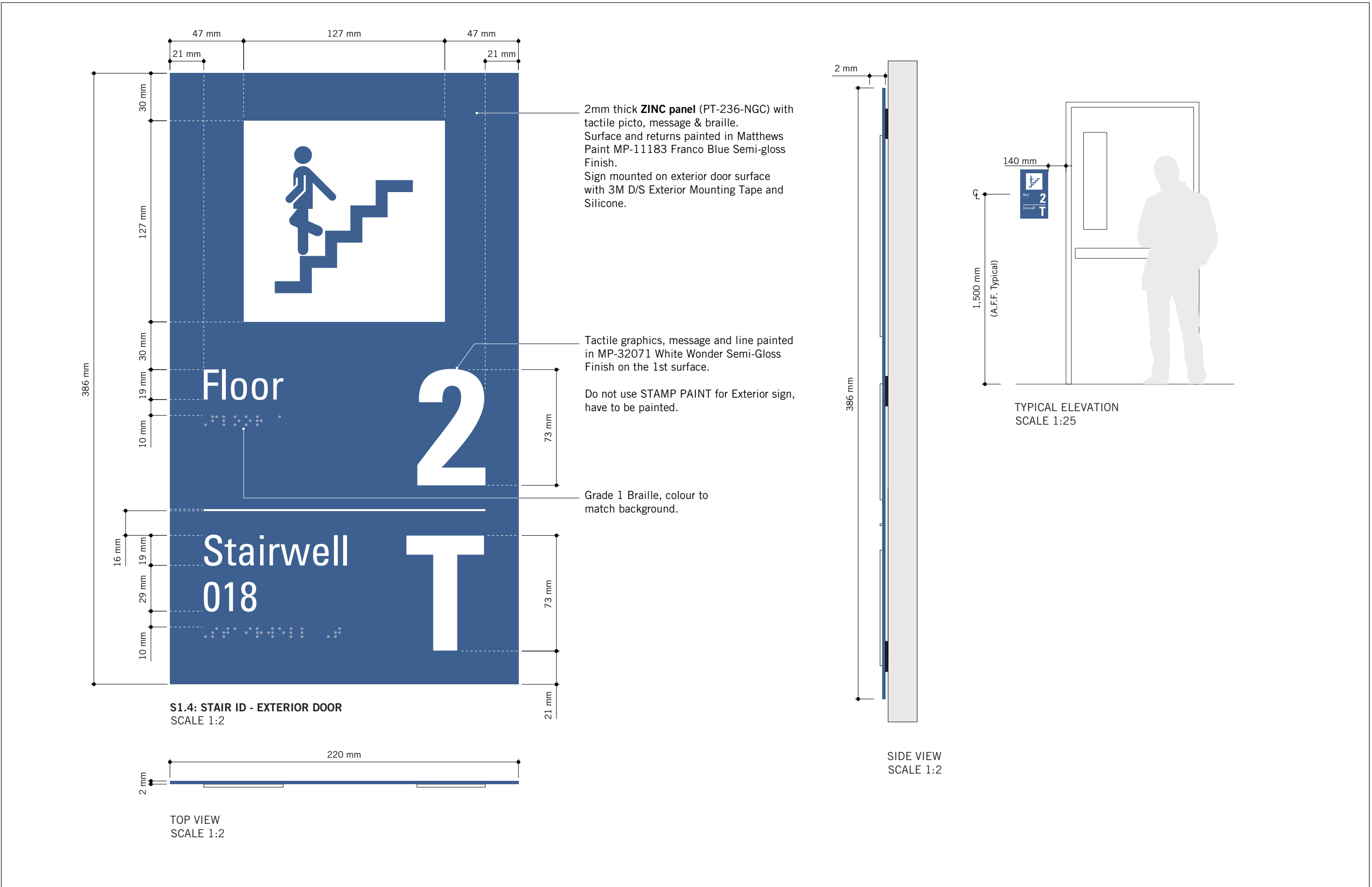
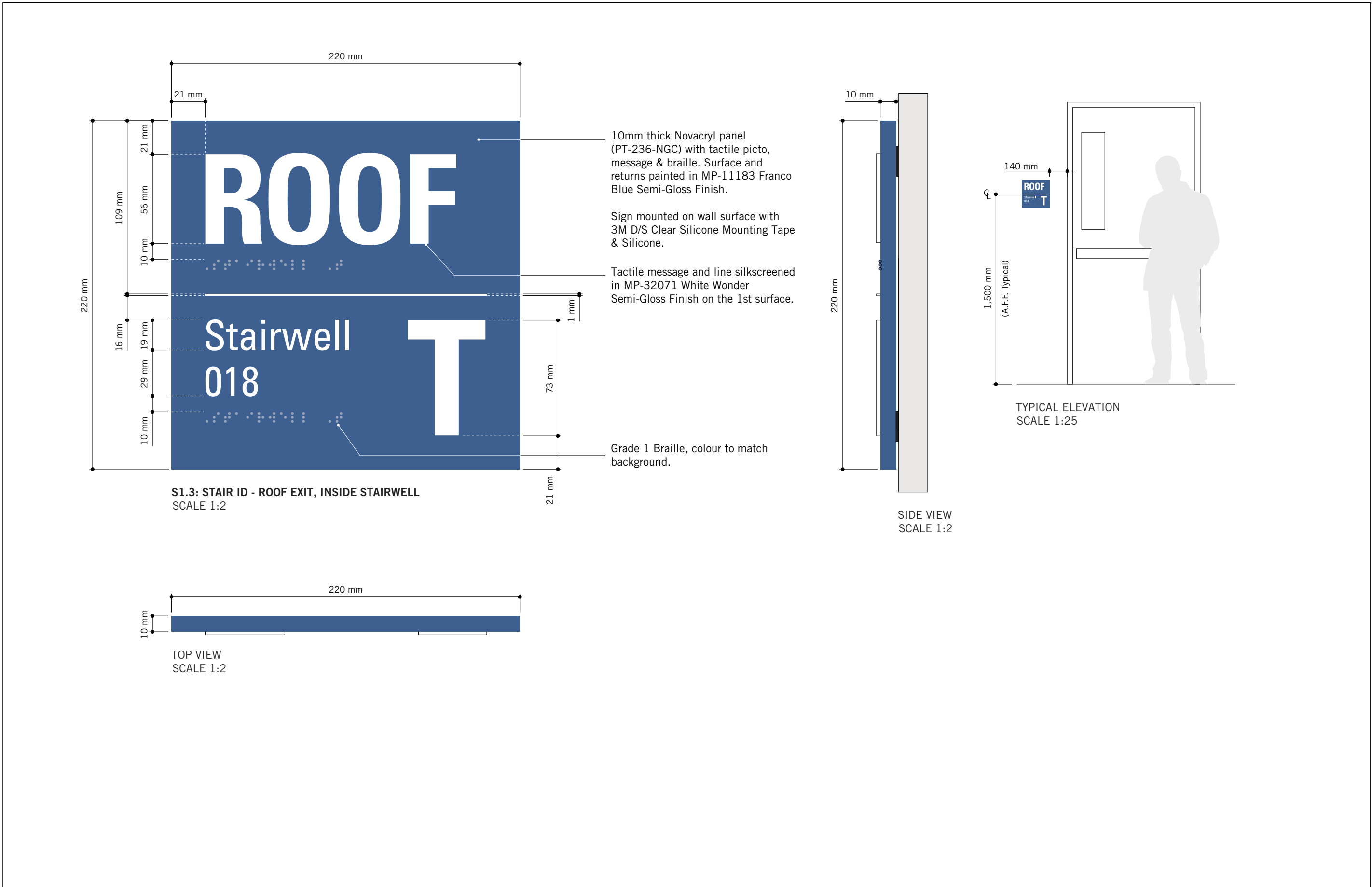
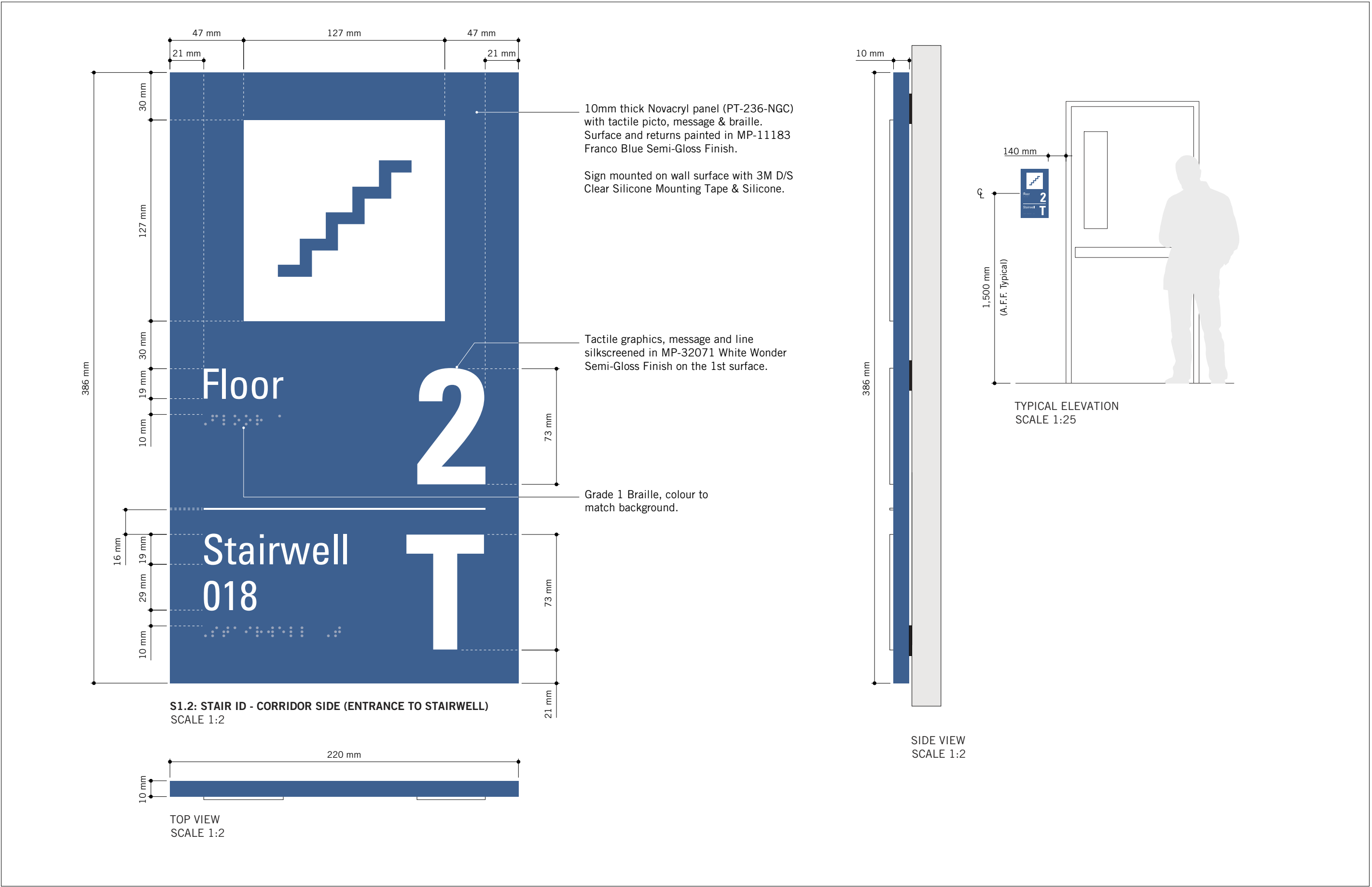
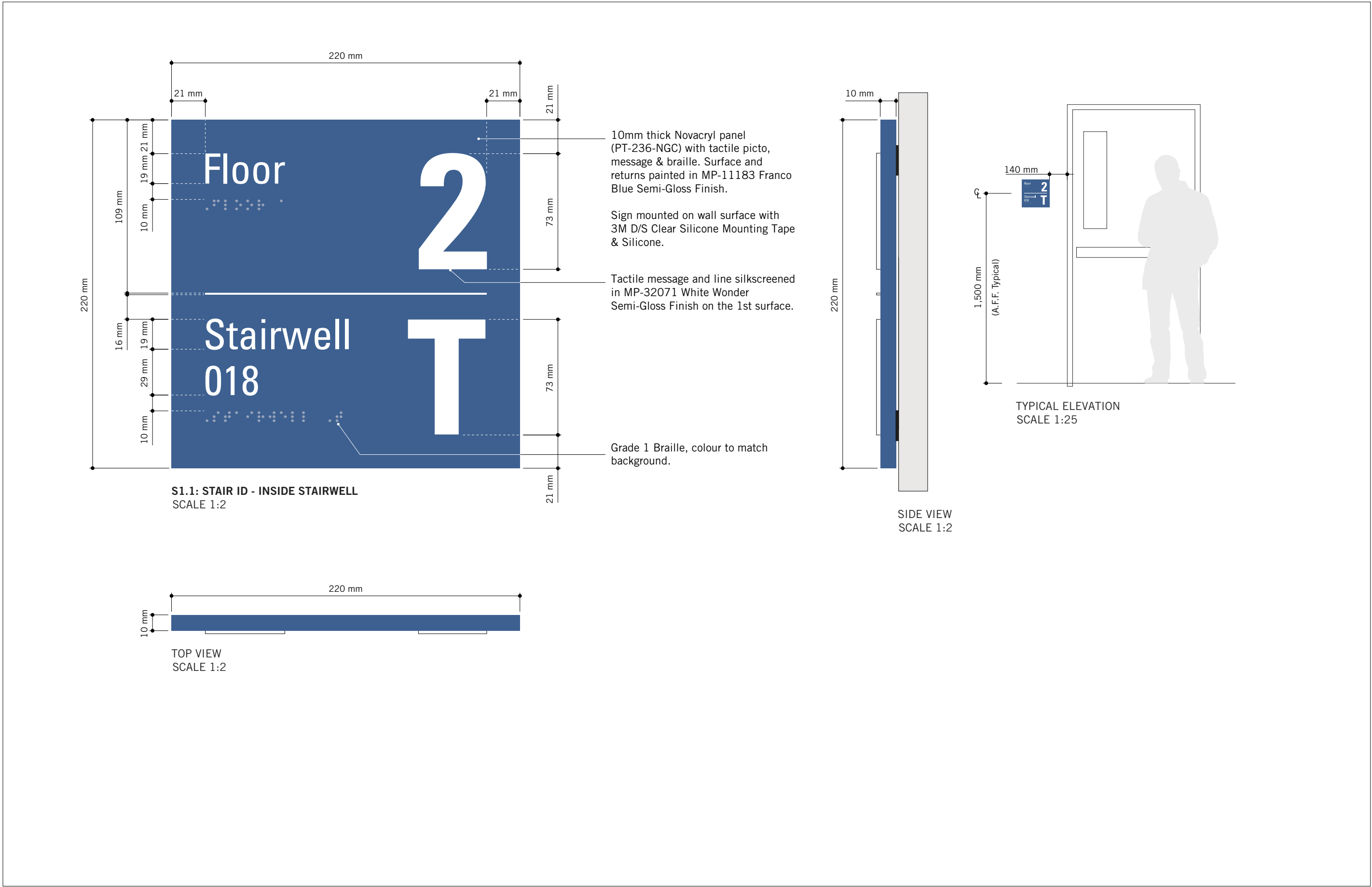
J4: ACCESSIBLE ENTRANCE

SHEET NUMBER

D1906

ISSUE

00



ISSUES		
No.	DESCRIPTION	DATE
00	ISSUED FOR CONSTRUCTION	2021-10-19

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ibigroup.com

PROJECT TITLE  
**CITY OF TORONTO  
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS  
**GROUP 08 BUILDINGS**

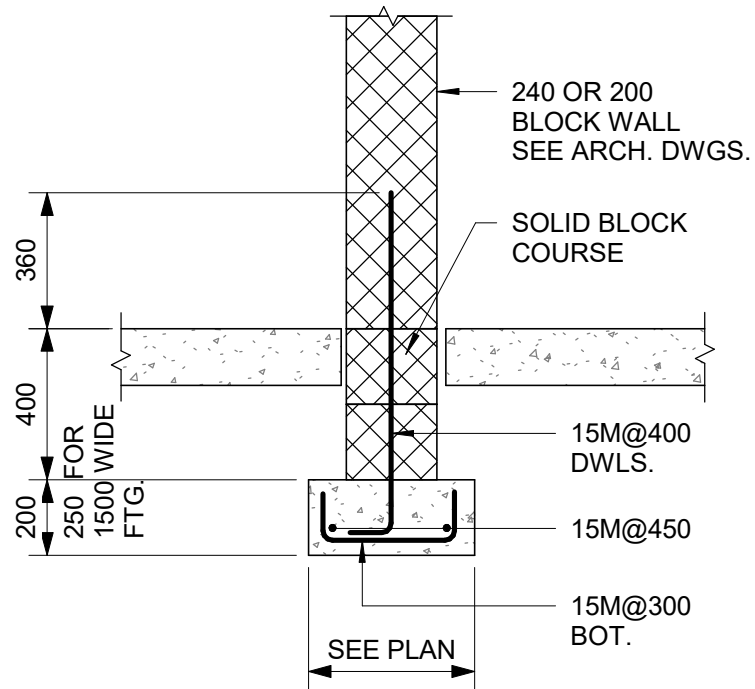
PROJECT NO:  
**9119 – 19 – 0162 / IBI 122260**

DRAWN BY: <b>B. FERNANDEZ</b>	CHECKED BY: <b>C.D. SCHNOBB</b>
PROJECT MGR: <b>R. DALY</b>	APPROVED BY:

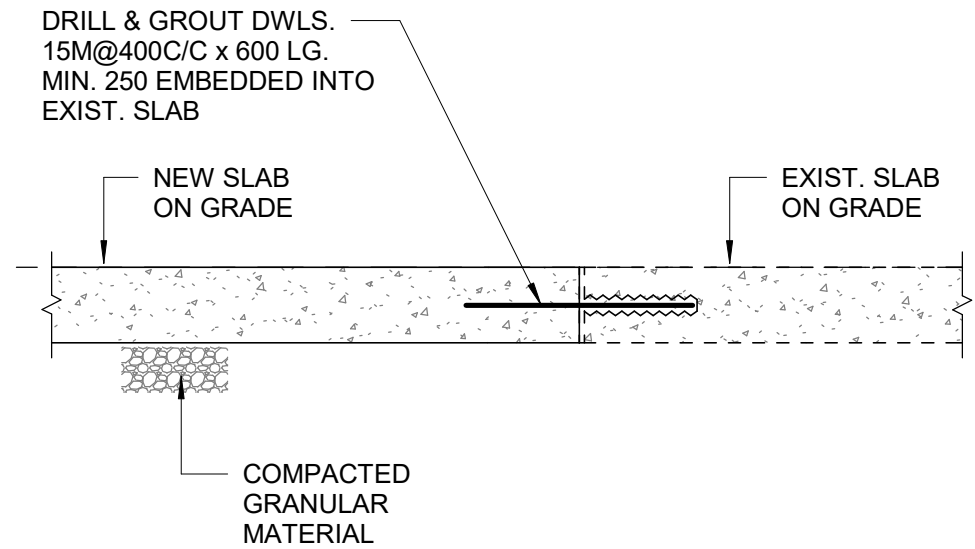
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**SIGNAGE & WAYFINDING  
DETAILS  
S1: STAIR ID**

SHEET NUMBER <b>D1907</b>	ISSUE <b>00</b>
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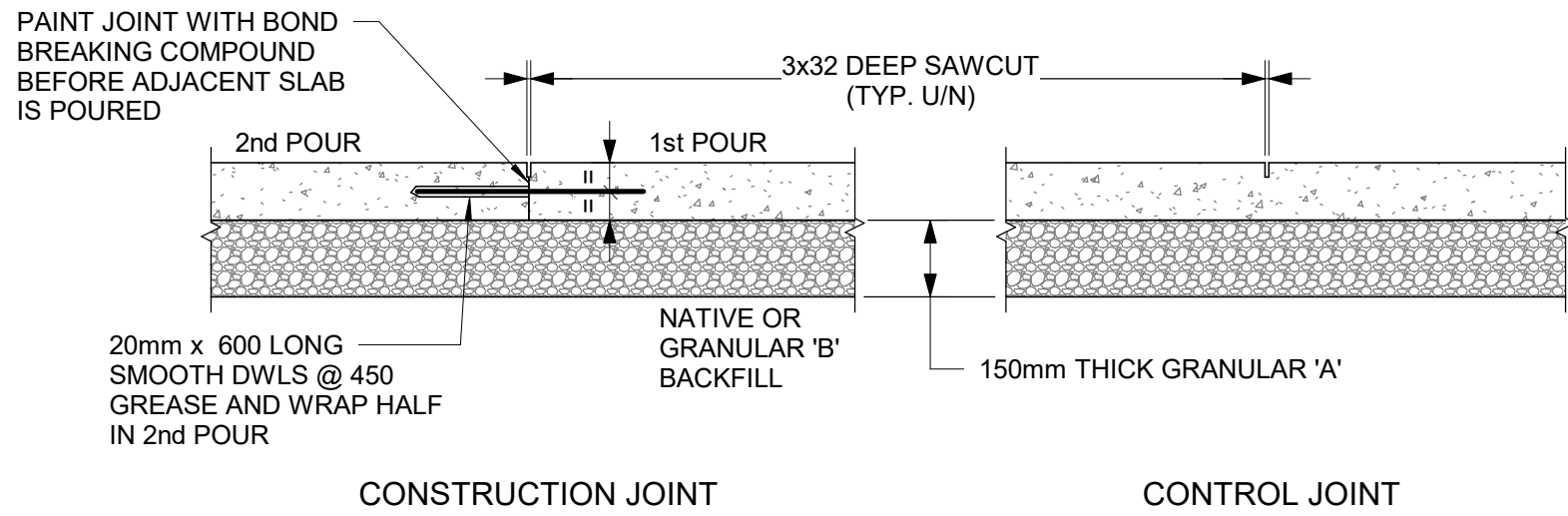




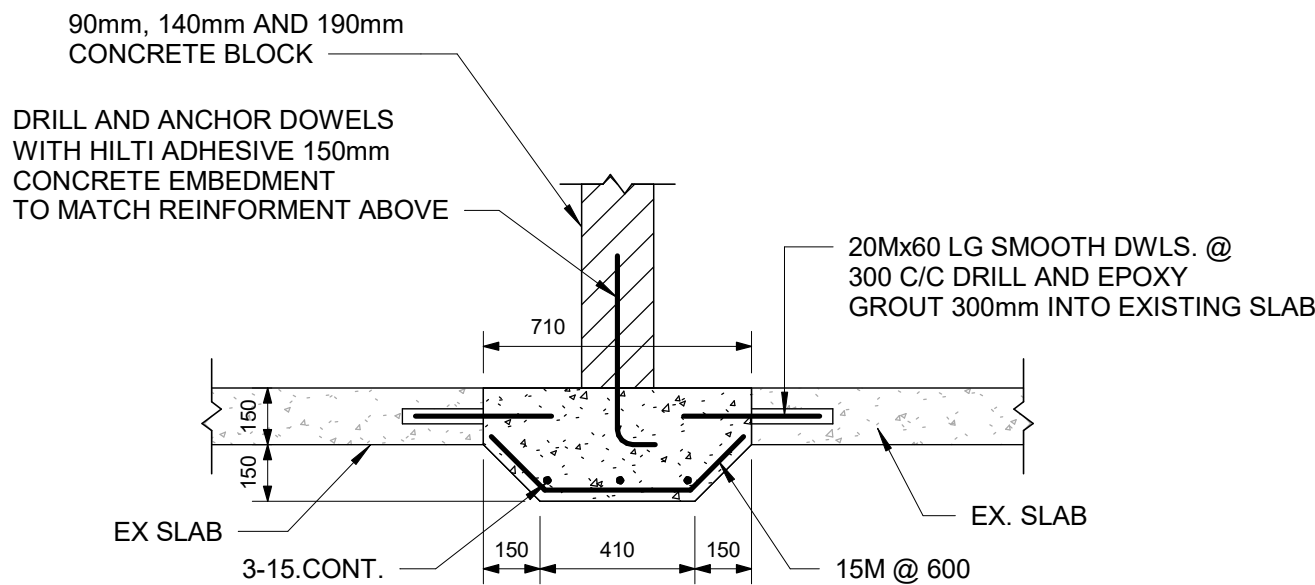
1 INTERIOR FOUNDATION WALL  
D2100 Scale: NTS



2 NEW SLAB CONNECTION TO EXISTING SLAB  
D2100 Scale: NTS

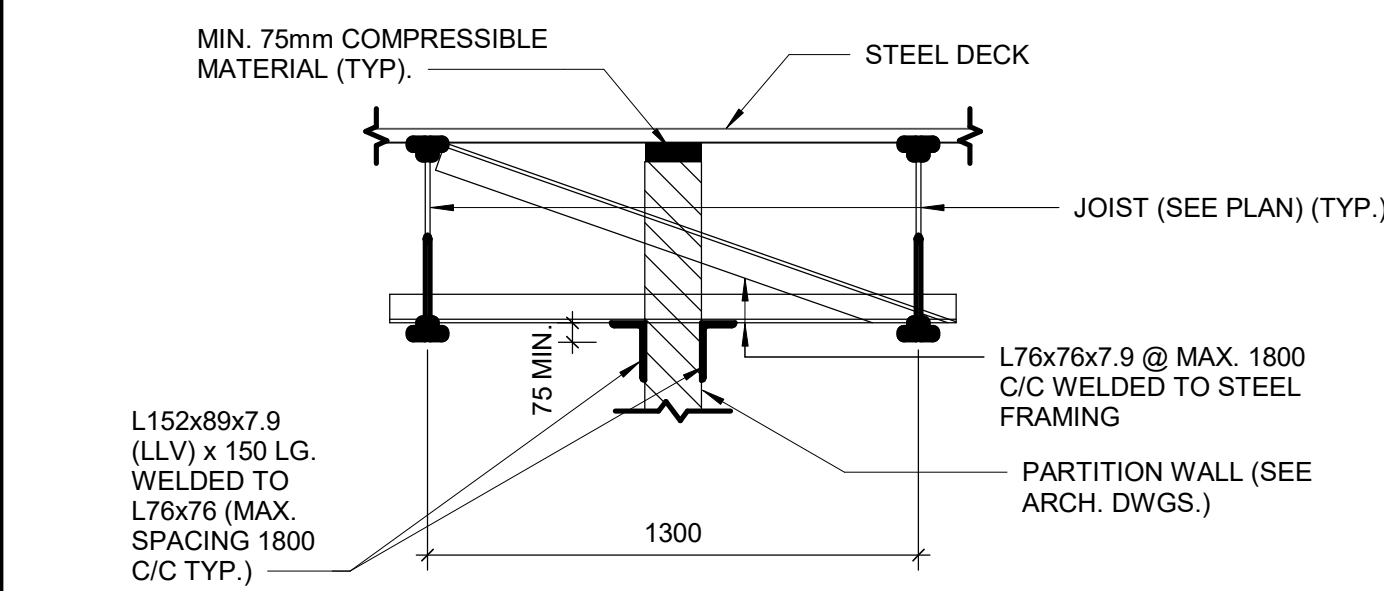


3 SLAB ON GRADE  
D2100 Scale: NTS

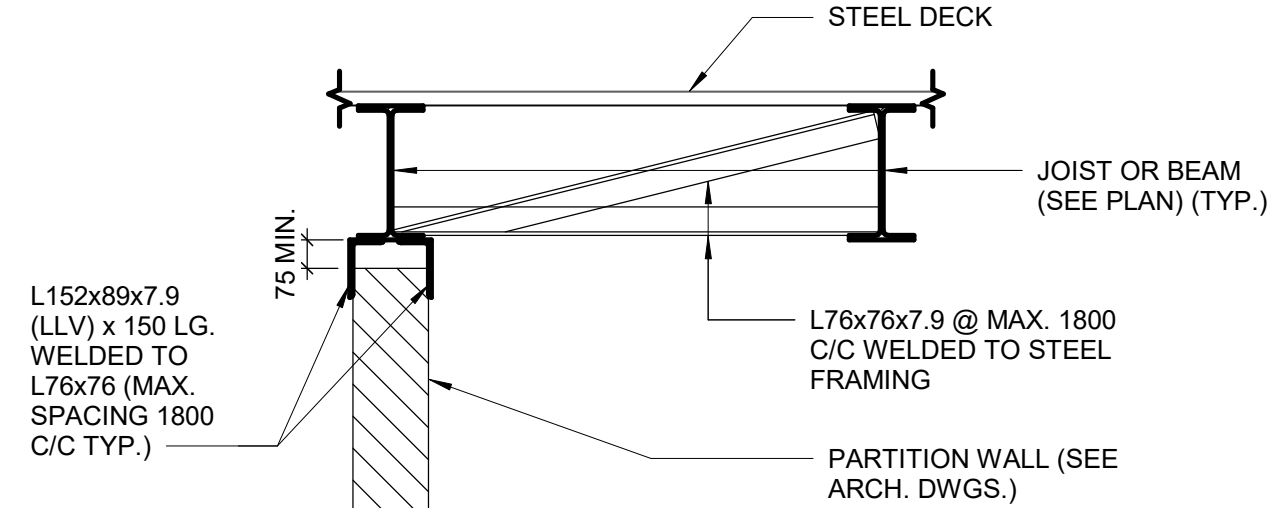


4 BLOCK WALL SLAB - THICKENING AT EXISTING SLAB  
D2100 Scale: 1 : 20

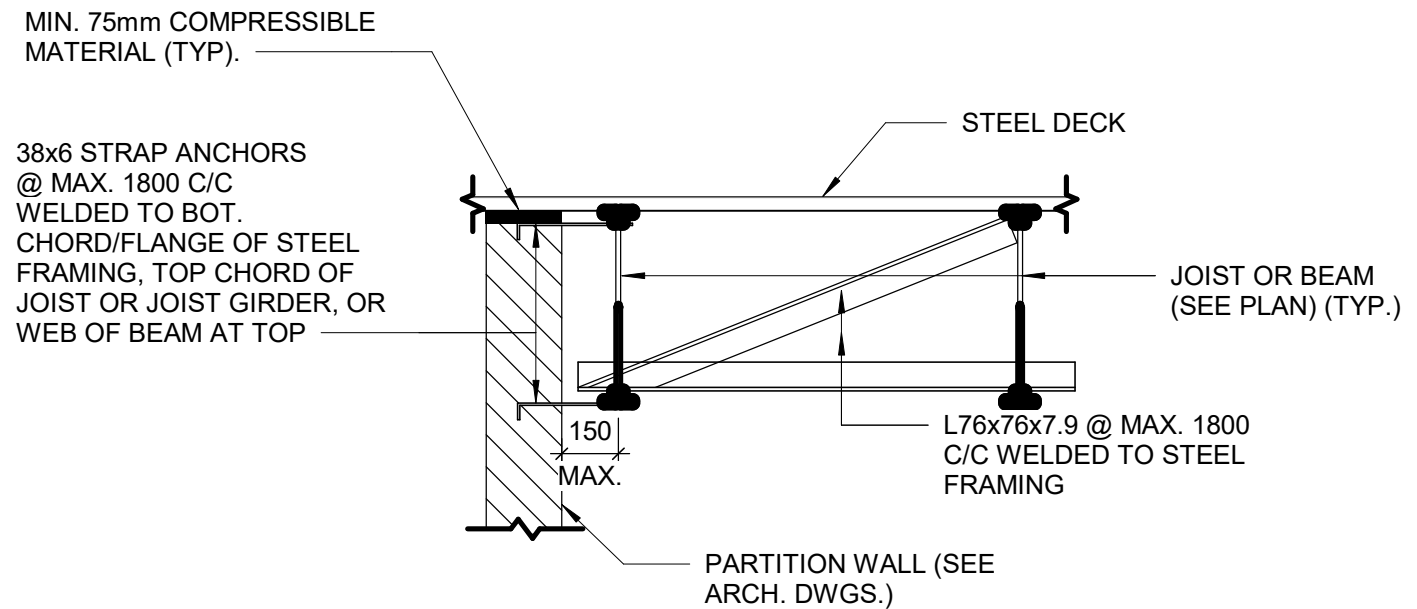
CLIENT		
CITY OF TORONTO		
55 John ST. TORONTO, ON M5V 3C6		
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ISSUES		
No.	DESCRIPTION	DATE
A	50% SUBMISSION	2021-06-24
C	ISSUED FOR CONSTRUCTION	2021-10-19
CONSULTANTS		
SEAL		
PRIME CONSULTANT		
PROJECT TITLE		
PROJECT ADDRESS		
PROJECT NO:		
DRAWN BY:		
PROJECT MGR:		
SHEET TITLE		
SHEET NUMBER		
ISSUE		



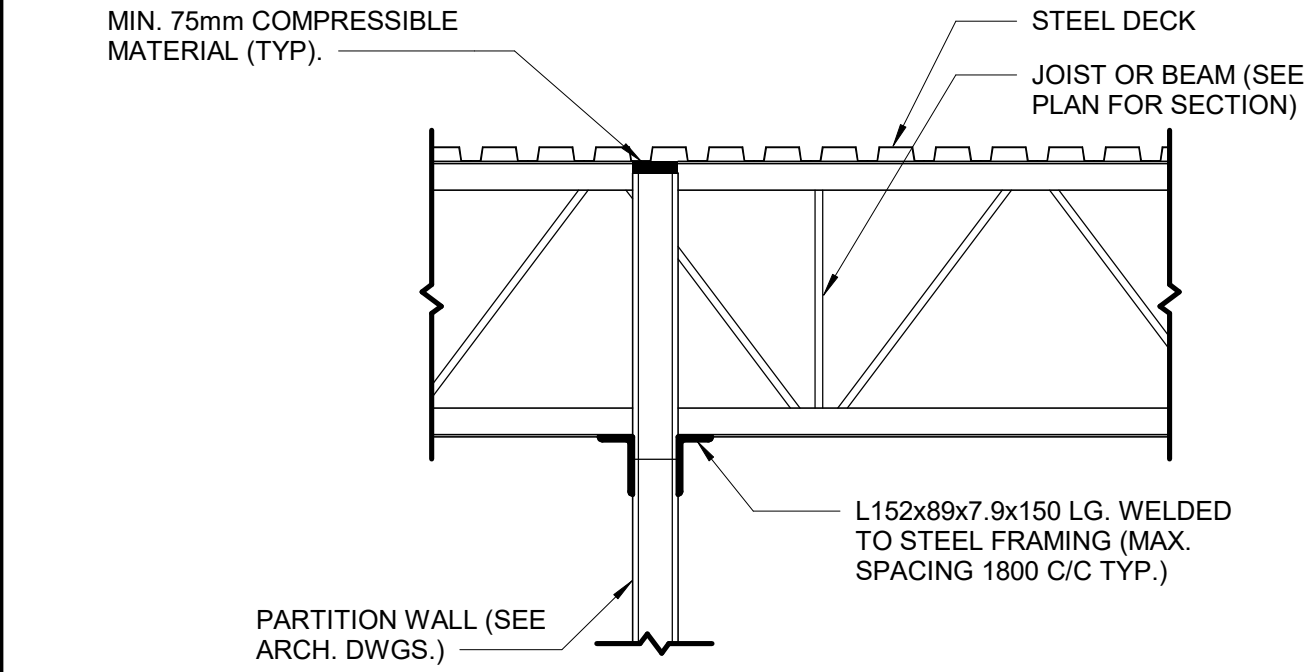
1 PARTITION WALL BETWEEN JOISTS  
D2200 Scale: 1 : 20



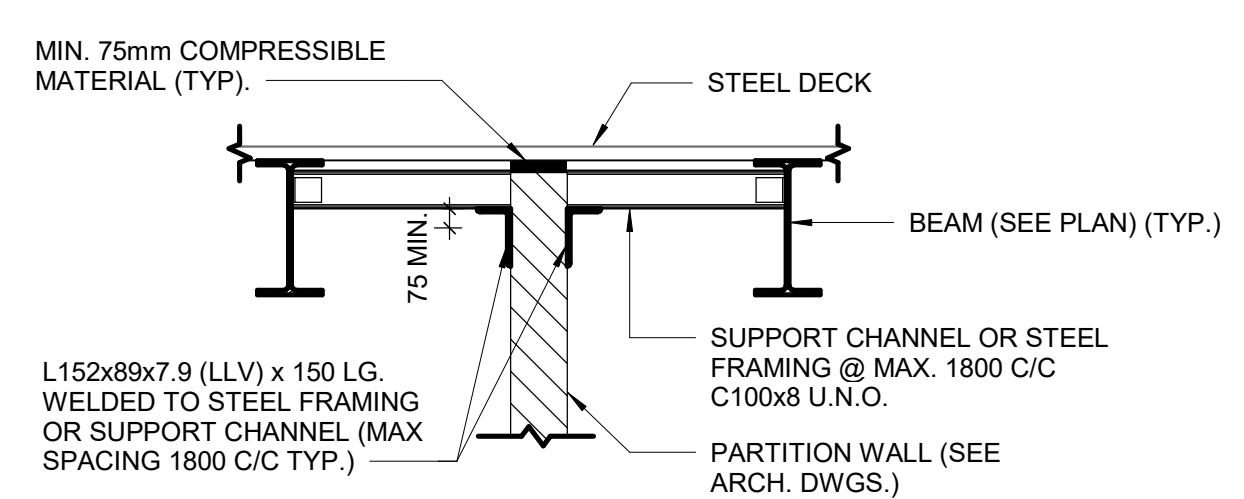
2 PARTITION WALL PARALLEL TO AND CENTERED ON JOIST OR BEAM  
D2200 Scale: 1 : 20



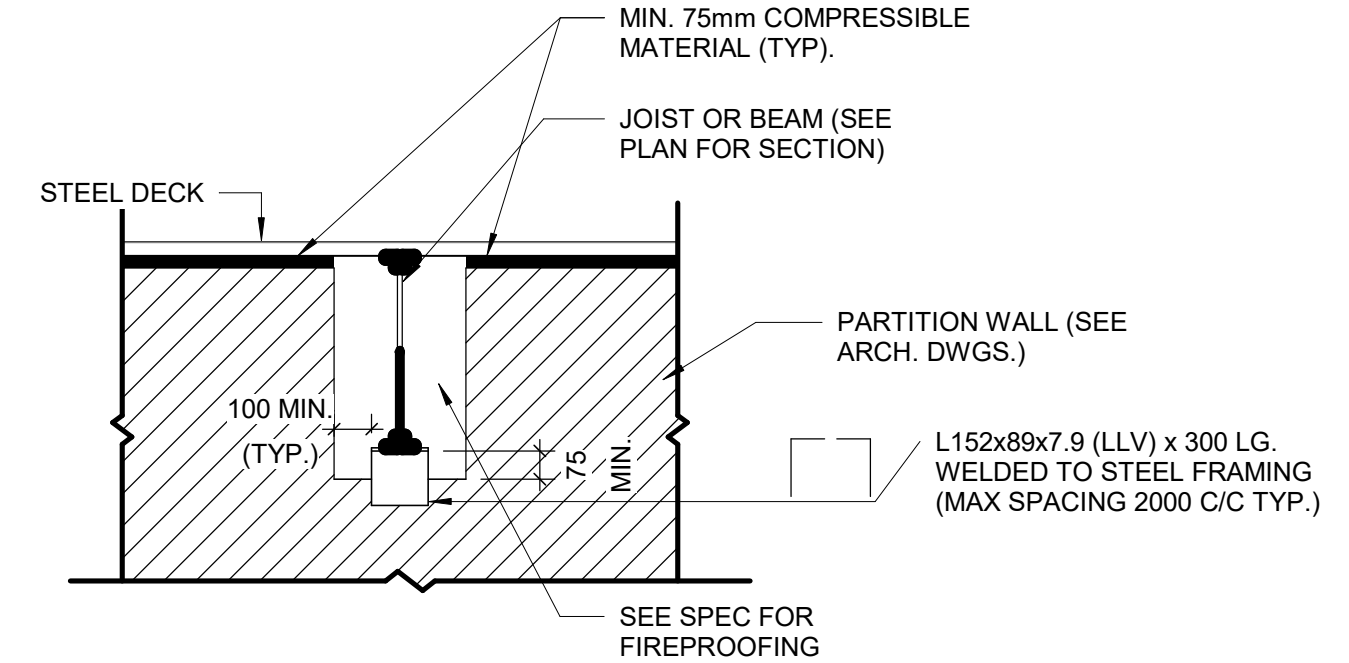
3 PARTITION WALL PARALLEL TO JOISTS OR BEAM  
D2200 Scale: 1 : 20



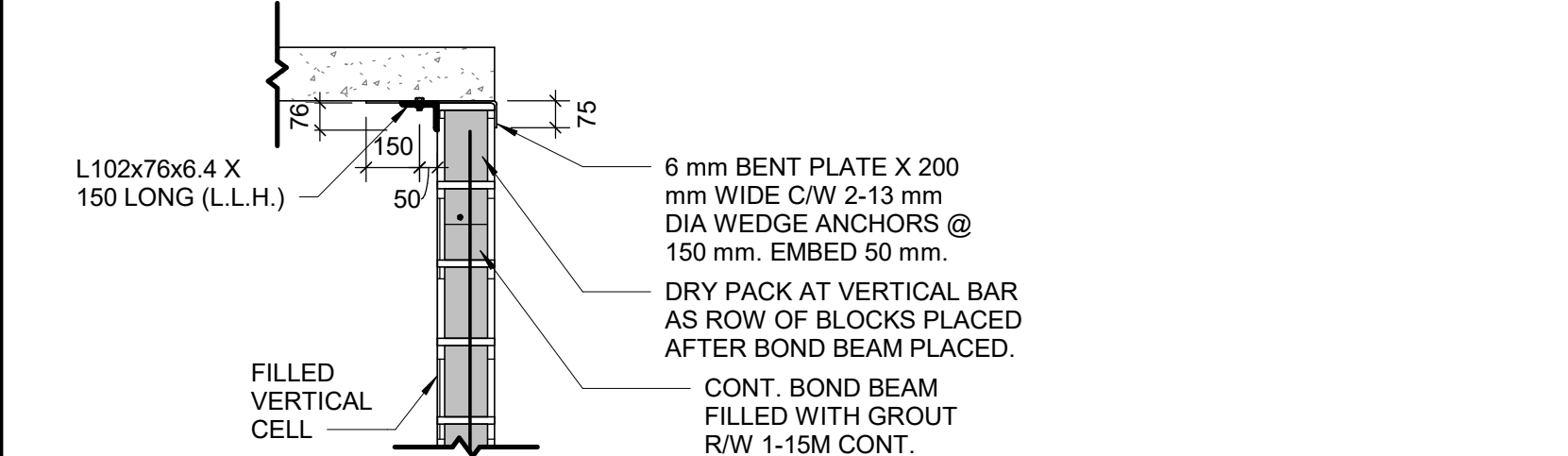
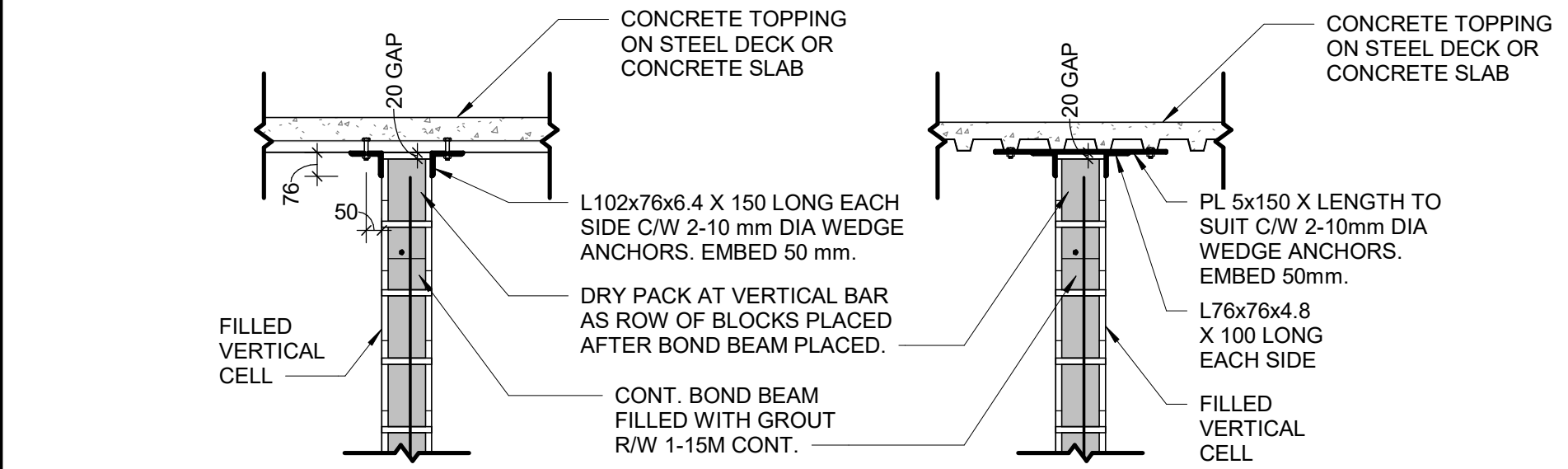
4 PARTITION WALL PERPENDICULAR TO JOIST OR BEAM  
D2200 Scale: 1 : 20



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

CLIENT  
**CITY OF TORONTO**  
55 John ST.  
TORONTO, ON  
M5V 3C6

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ISSUES		
No.	DESCRIPTION	DATE
A	50% SUBMISSION	2021-06-24
C	ISSUED FOR CONSTRUCTION	2021-10-19

CONSULTANTS

SEAL



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**IBI GROUP**  
175 Galaxy Blvd, Unit 100  
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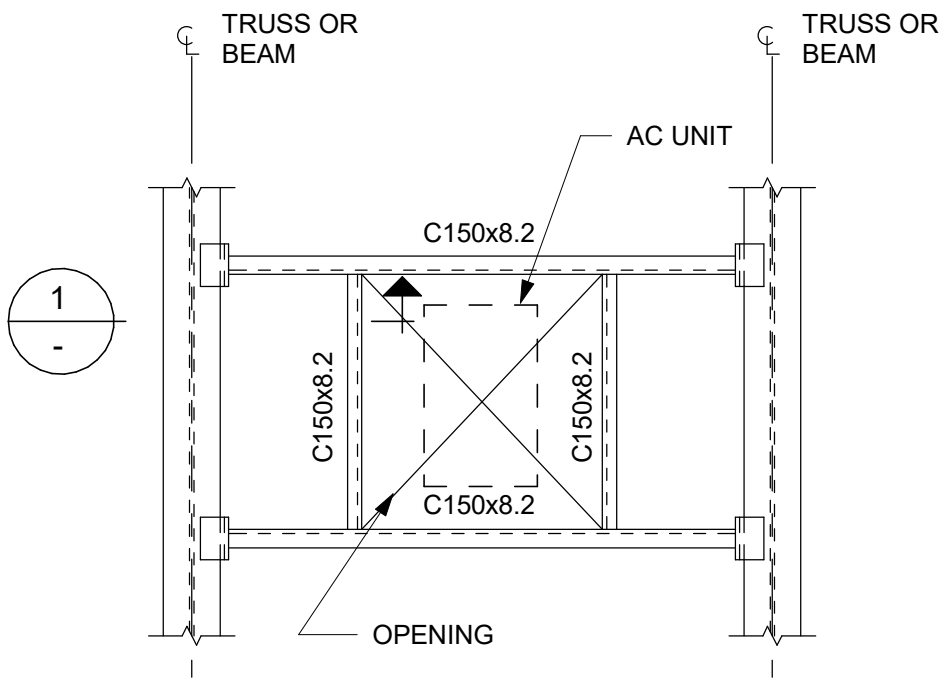
**PROJECT TITLE**  
**CITY OF TORONTO**  
**ACCESSIBILITY UPGRADES**

**PROJECT ADDRESS**  
**Toronto City Hall**  
**100 Queen St W Toronto,**  
**ON M5G 1P5**

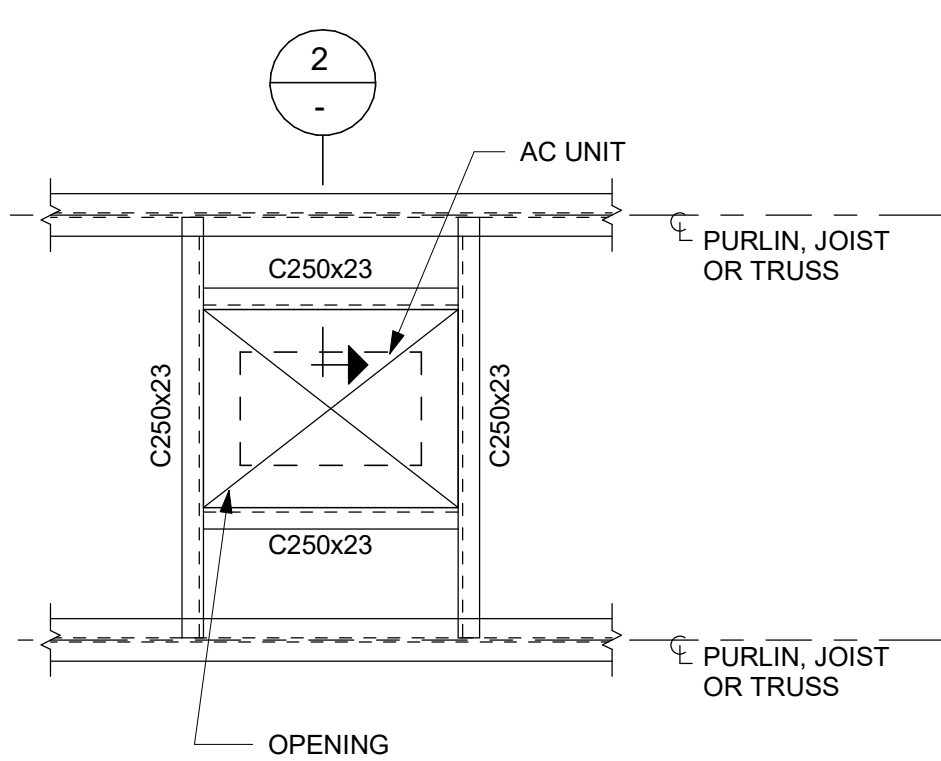
**PROJECT NO:**  
122260  
**DRAWN BY:**  
G. POULOU  
**CHECKED BY:**  
S. NASSER  
**PROJECT MGR:**  
M. HABER  
**APPROVED BY:**  
K. ANGER

**SHEET TITLE**  
**STRUCTURAL STEEL**  
**DETAILS - 1**

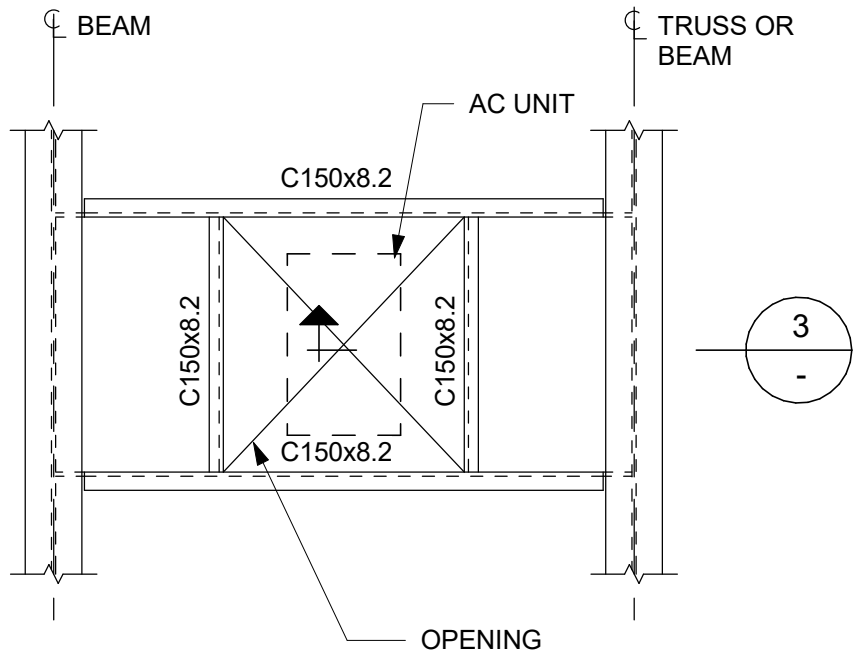
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**D2200**  
**ISSUE**  
**C**



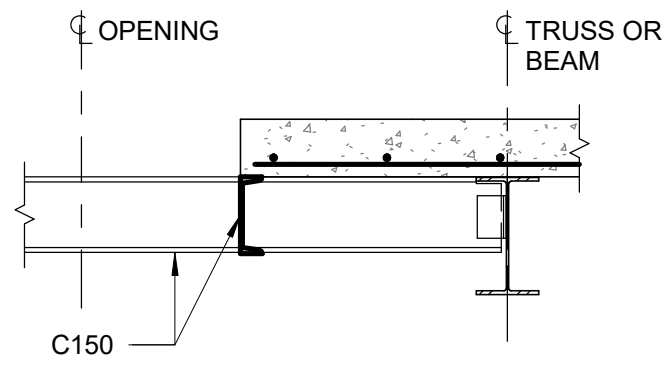
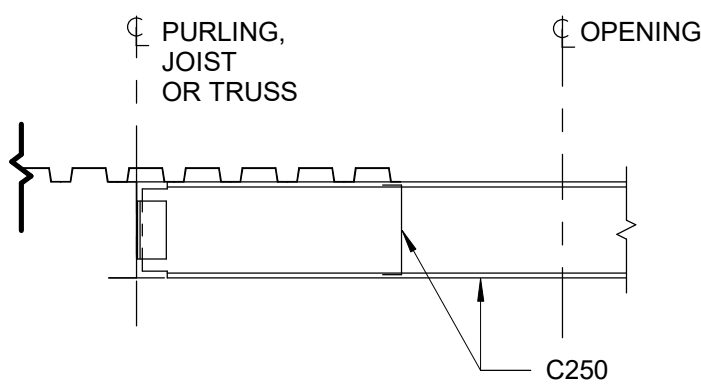
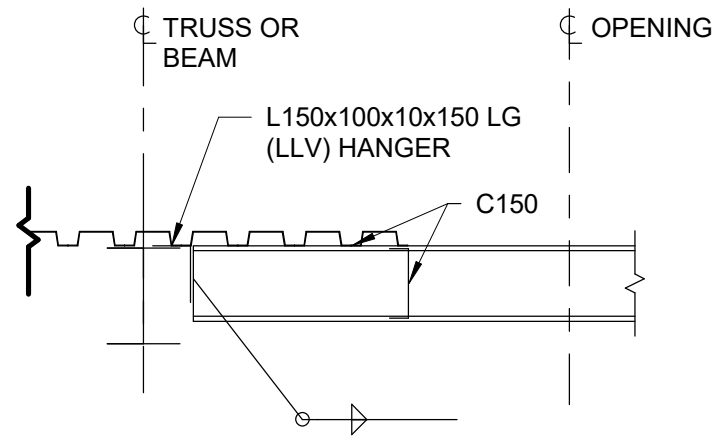
FRAME TYPE "A"



FRAME TYPE "B"



FRAME TYPE "C"



1 TYPICAL ROOF OPENING  
D2201 Scale: 1 : 20

CITY OF TORONTO

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TORONTO, ON  
M5V 3C6

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No.	DESCRIPTION	DATE
A	50% SUBMISSION	2021-06-24
C	ISSUED FOR CONSTRUCTION	2021-10-19

CONSULTANTS

SEAL

REGISTERED PROFESSIONAL ENGINEER

W. L. LANGER

2021-10-19

PROVINCE OF ONTARIO

PRIME CONSULTANT

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ibigroup.com

PROJECT TITLE

CITY OF TORONTO  
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

Toronto City Hall  
100 Queen St W Toronto,  
ON MPG 1P5

PROJECT NO:

122260

DRAWN BY:

G. POULOU

CHECKED BY:

S. NASSER

PROJECT MGR:

M. HABER

APPROVED BY:

K. ANGER

SHEET TITLE

STRUCTURAL STEEL  
DETAILS - 2

SHEET NUMBER

D2201

ISSUE

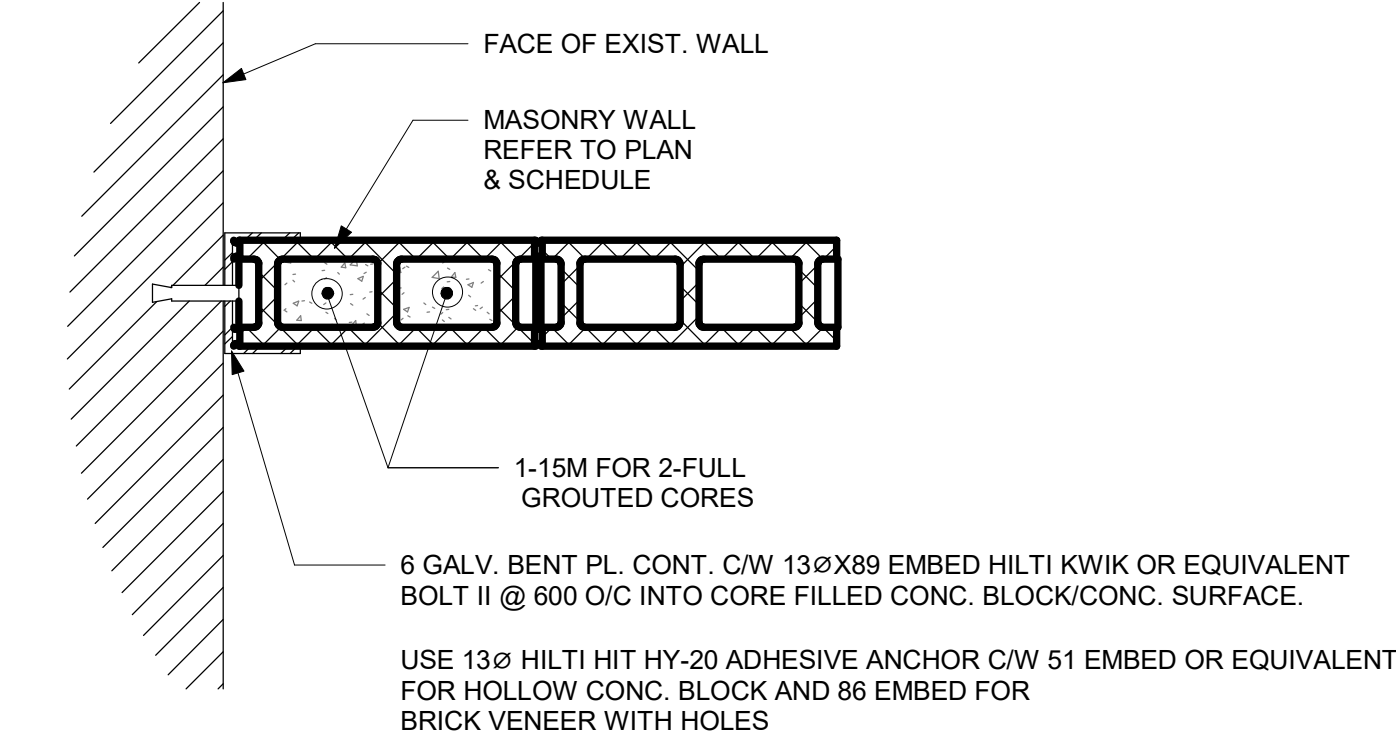
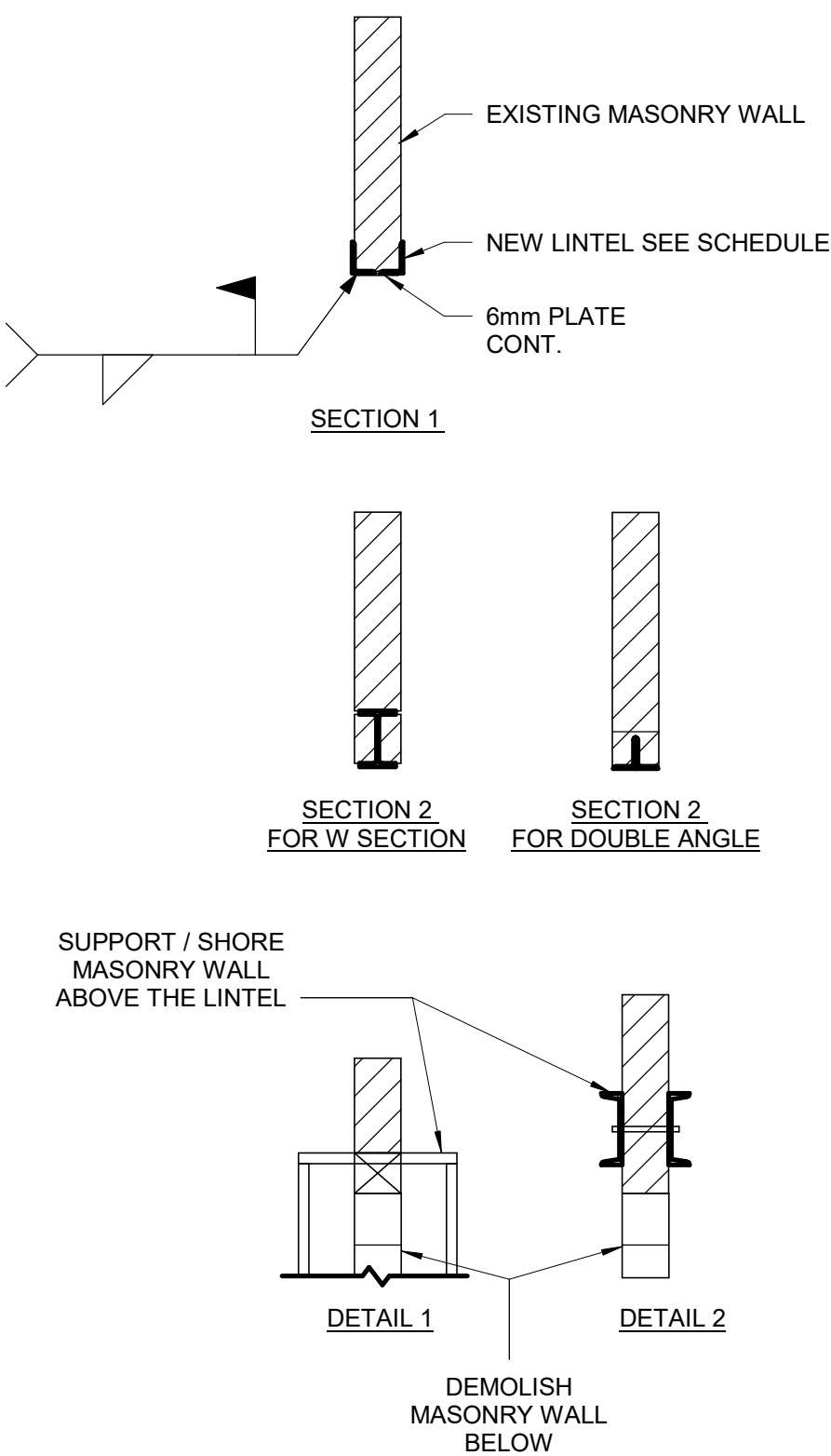
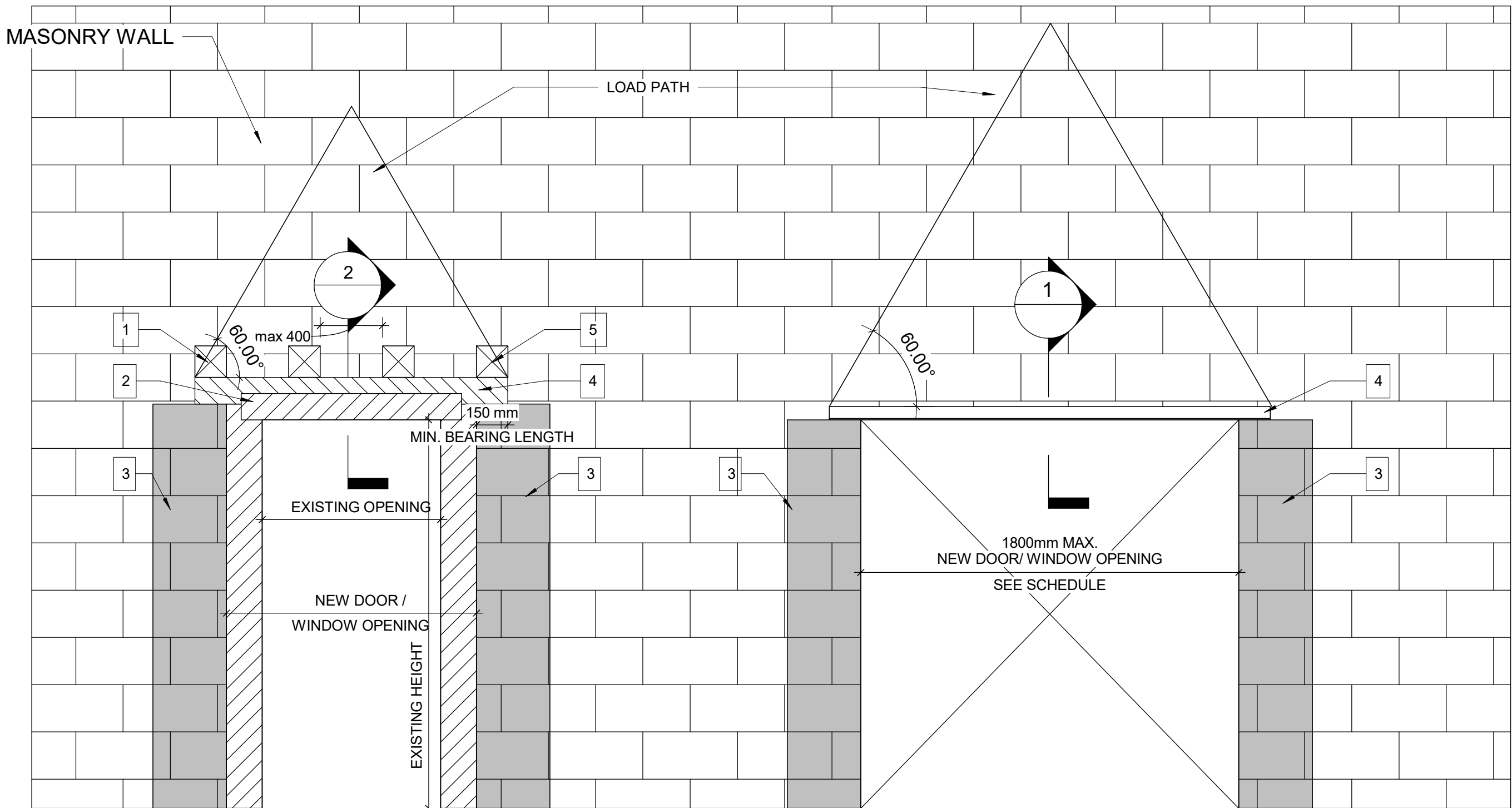
C

2021-10-19 9:49:30 AM

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1 of 1





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

WIDENING AN EXISTING OPENING  
IN EXISTING MASONRY WALL TYP.

NEW DOOR/WINDOW OPENING  
INTO 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

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	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-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	

1 WIDENING WALL OPENING

D2300 Scale: 1 : 20

CLIENT

CITY OF TORONTO

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TORONTO, ON  
M5V 3C6

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C	ISSUED FOR CONSTRUCTION	2021-10-19

CONSULTANTS

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PROJECT TITLE

CITY OF TORONTO  
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

Toronto City Hall  
100 Queen St W Toronto,  
ON M5G 1P5

PROJECT NO:

122260

DRAWN BY:

G. POULOU

CHECKED BY:

S. NASSER

PROJECT MGR:

M. HABER

APPROVED BY:

K. ANGER

SHEET TITLE

MASONRY DETAILS

SHEET NUMBER

D2300

ISSUE

C

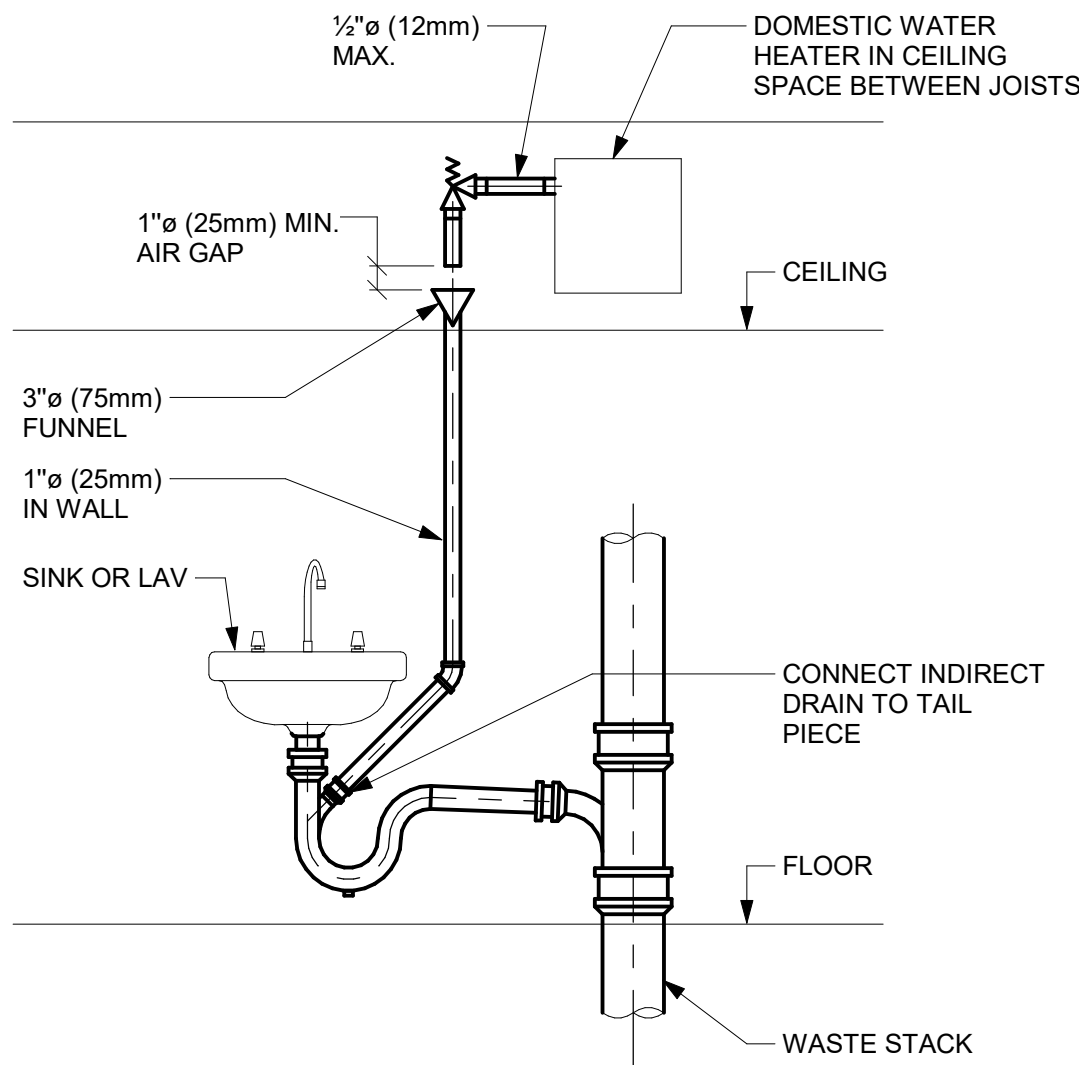
PLUMBING FIXTURE SCHEDULE

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

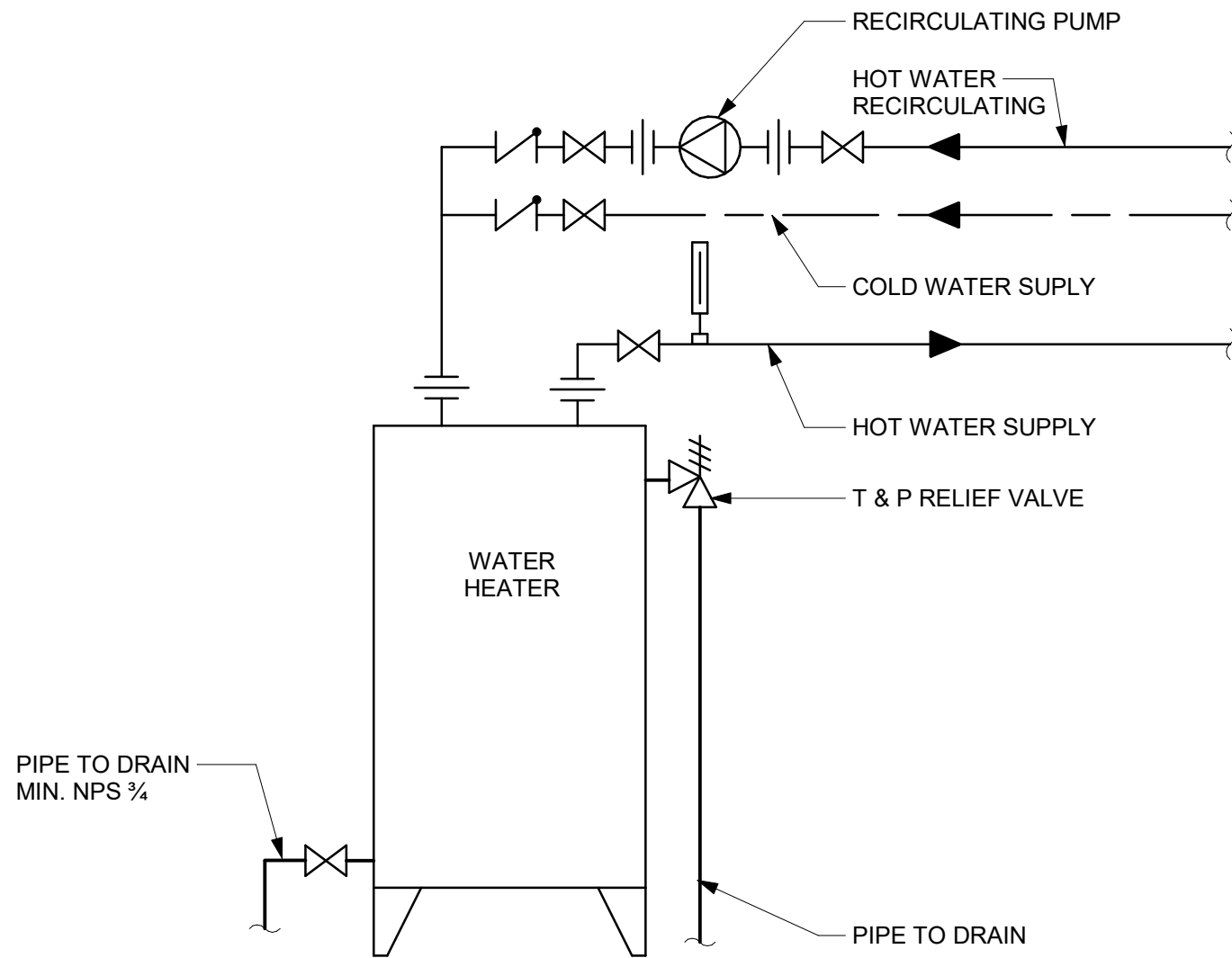
NOTES:

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

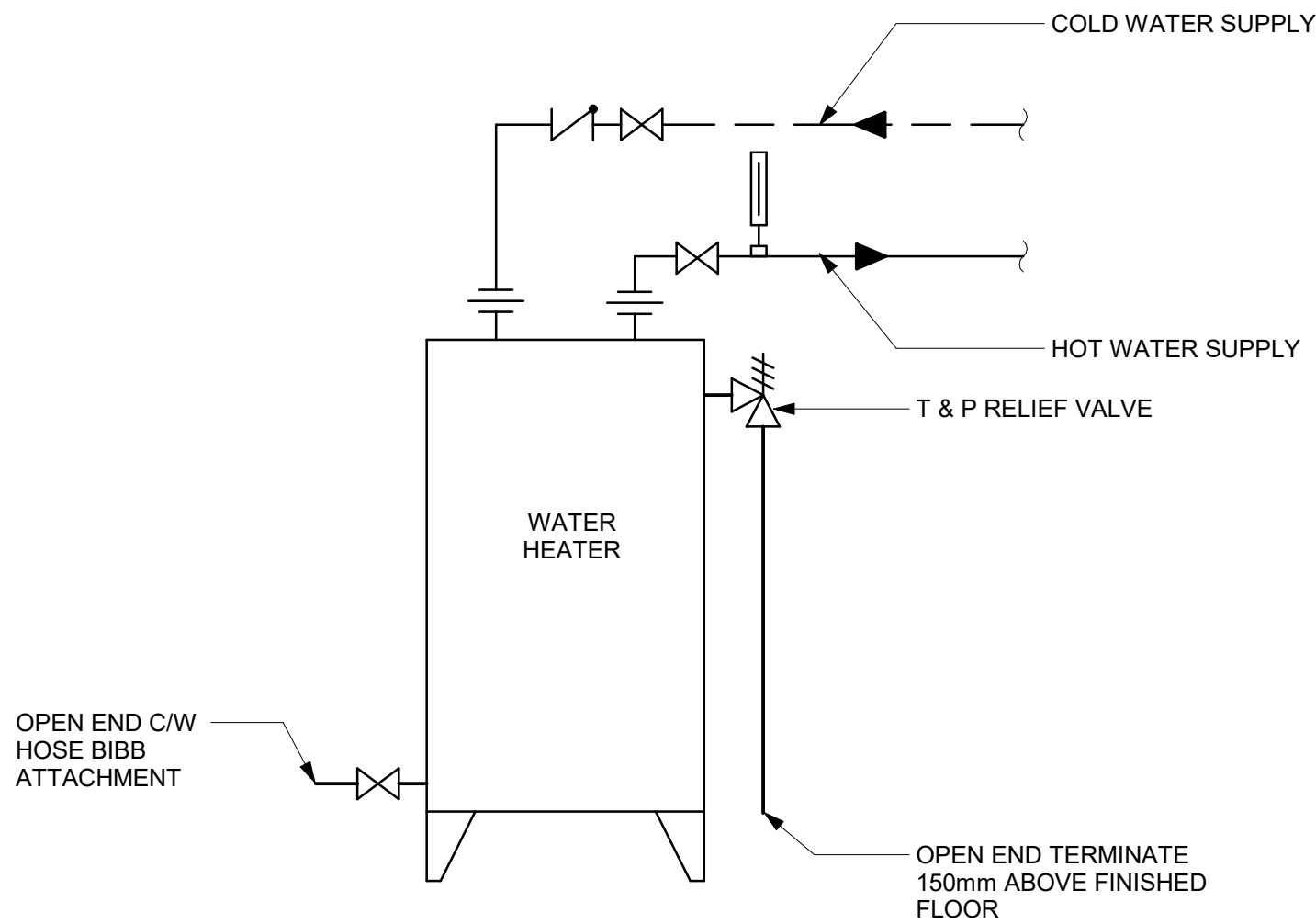
1 PLUMBING FIXTURE SCHEDULE  
Scale: N.T.S.



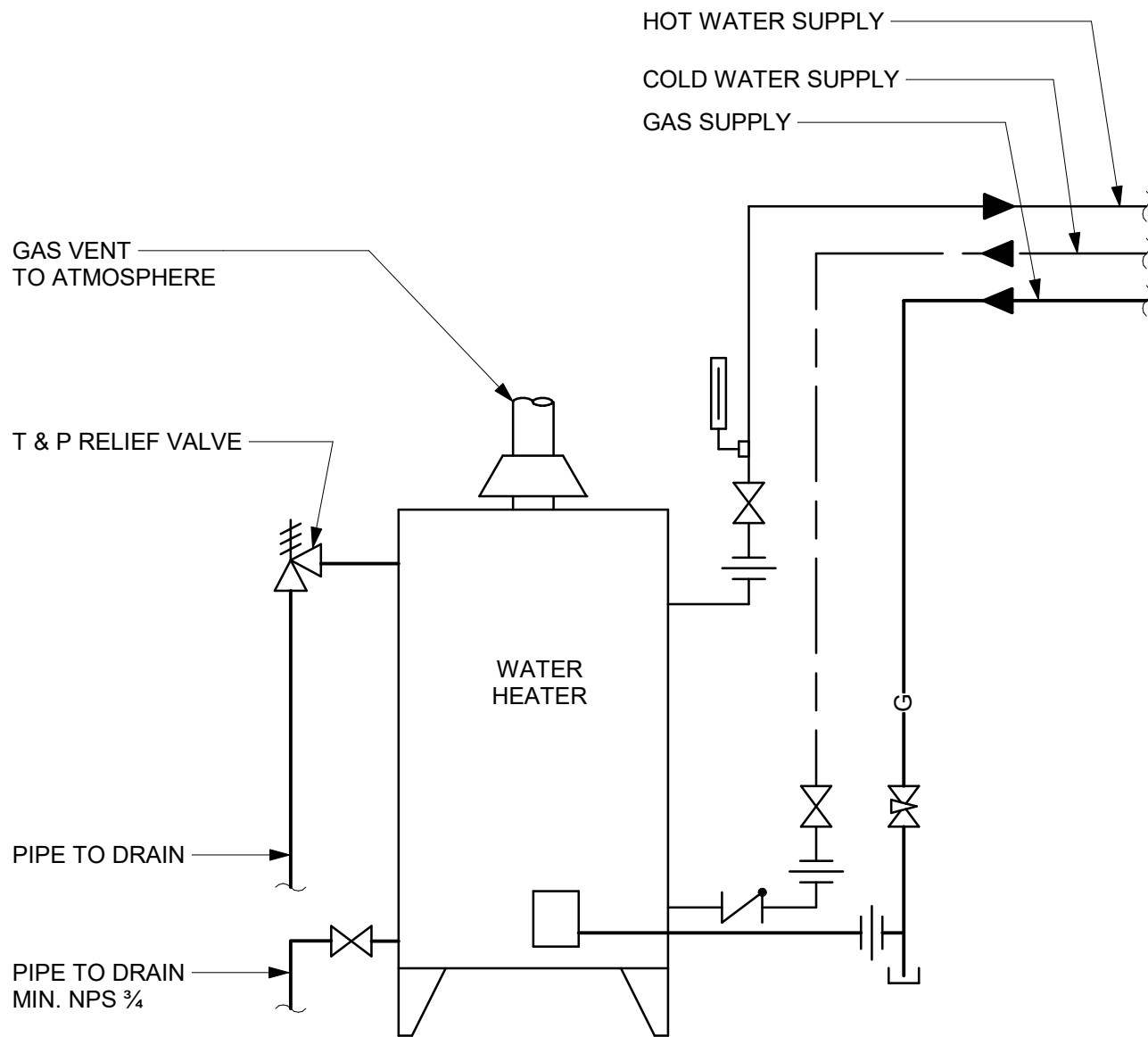
2 INDIRECT WASTE FROM OVERHEAD DWH RELIEF VALVE  
Scale: N.T.S.



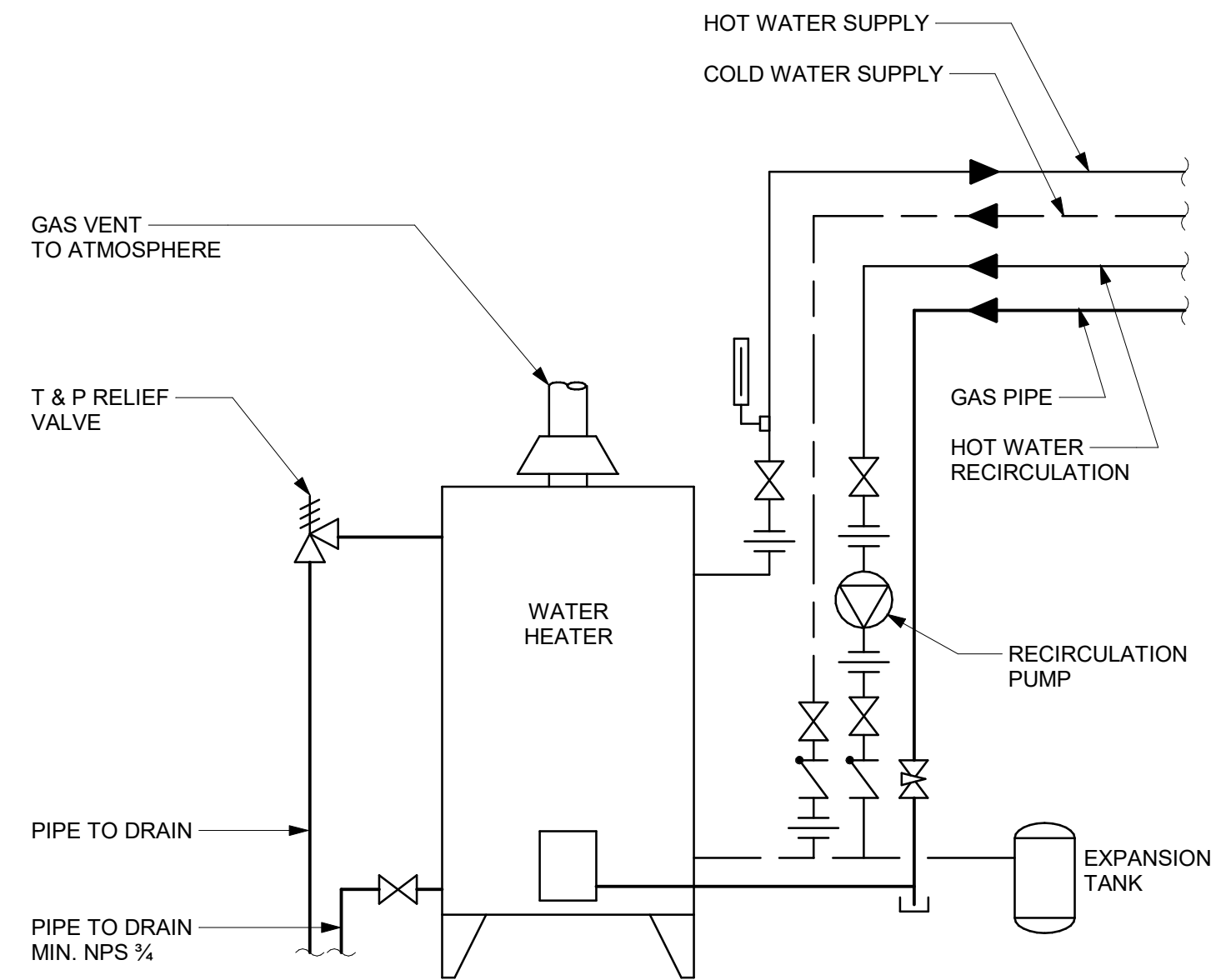
3 DOMESTIC WATER HEATER ELECTRIC WITH RECIRCULATION  
Scale: N.T.S.



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



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



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

CLIENT

CITY OF TORONTO



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TORONTO, ON  
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ISSUES

No.	DESCRIPTION	DATE
00	ISSUED FOR CONSTRUCTION	2021-10-19

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PRIME CONSULTANT

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PROJECT TITLE

CITY OF TORONTO  
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

Toronto City Hall  
100 Queen St W Toronto,  
ON M5G 1P5

PROJECT NO:

122260

DRAWN BY:

K.DURUKAN

CHECKED BY:

B.LIAO

PROJECT MGR:

F.BOLOURIAN

APPROVED BY:

S.LIU

SHEET TITLE

PLUMBING DETAILS

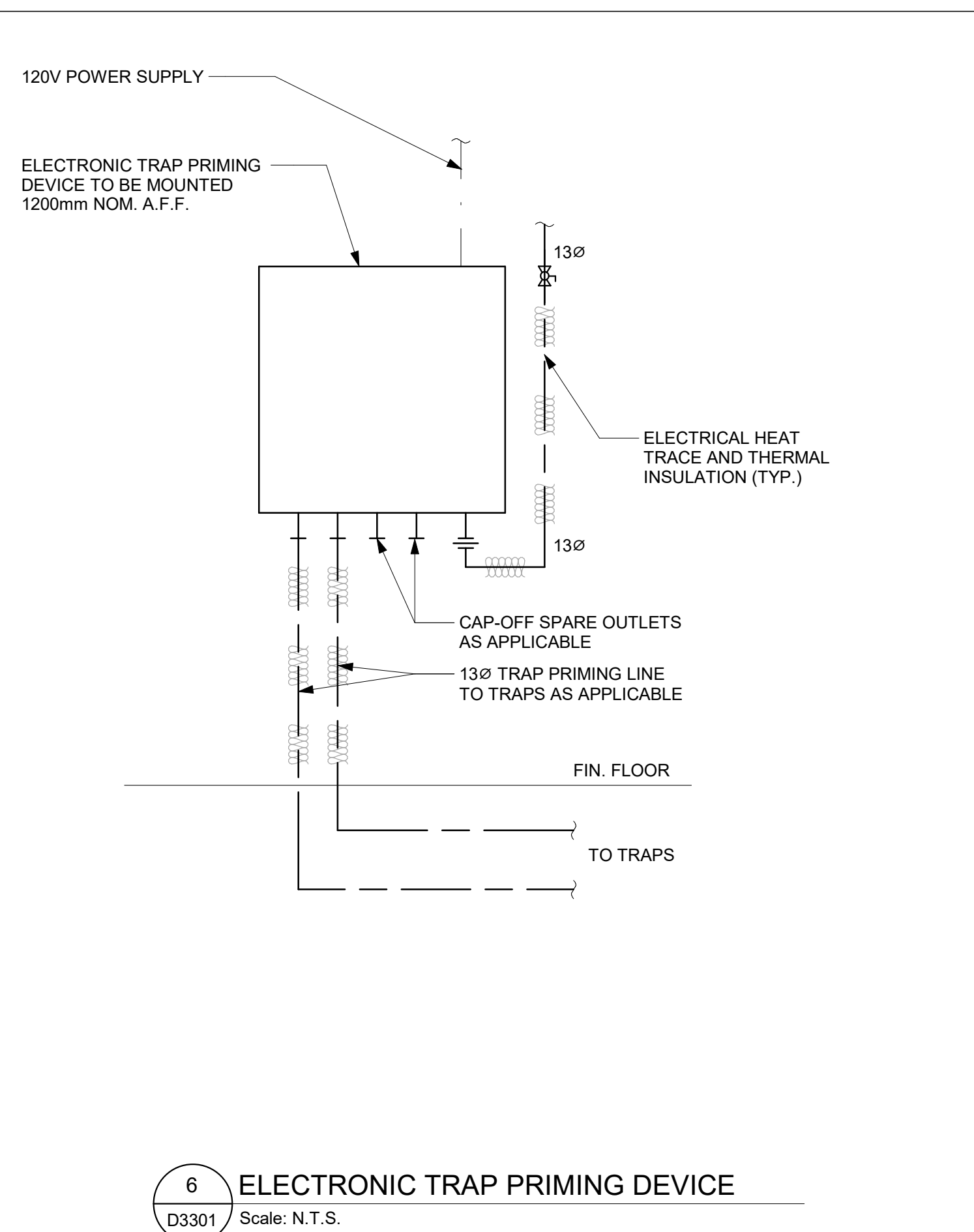
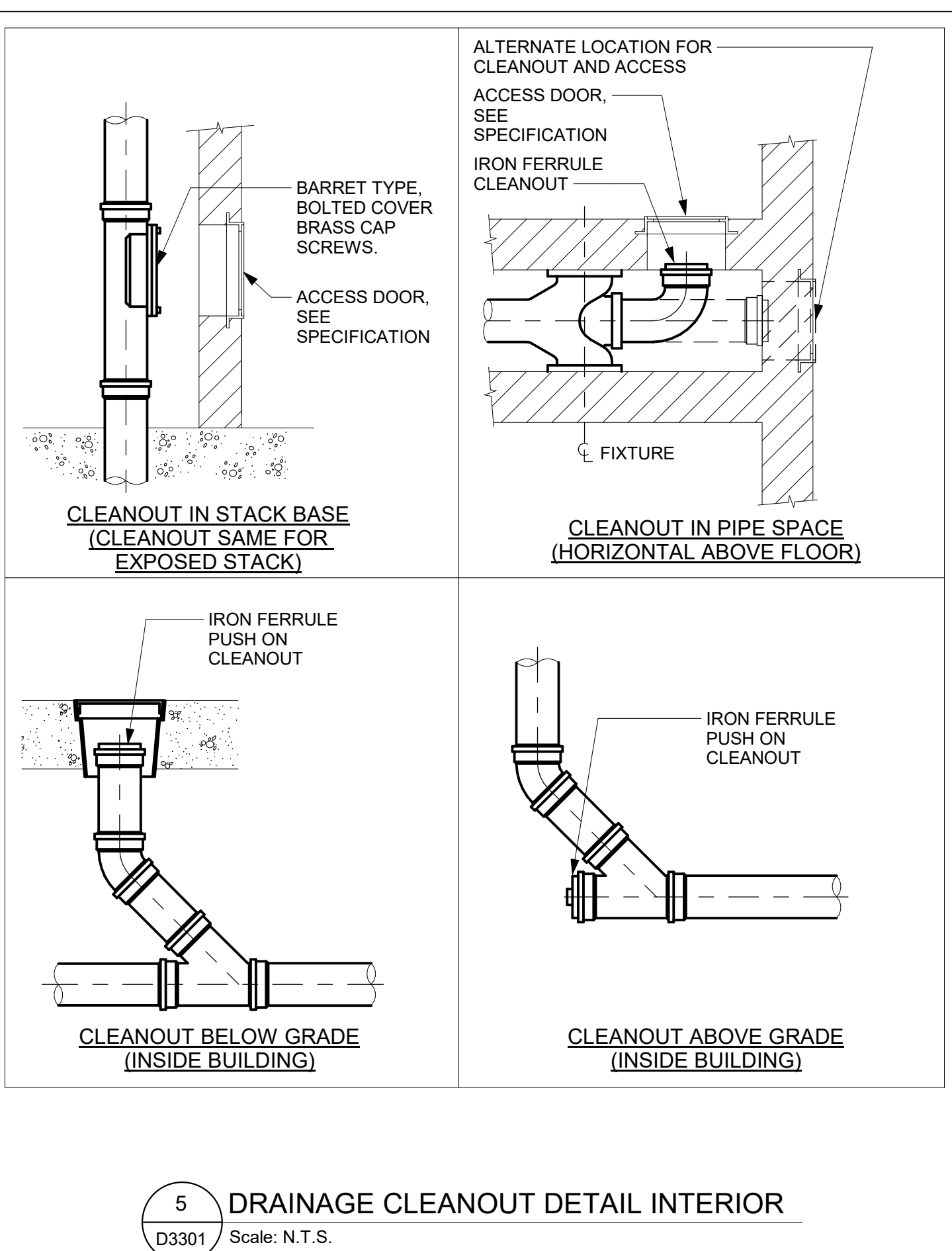
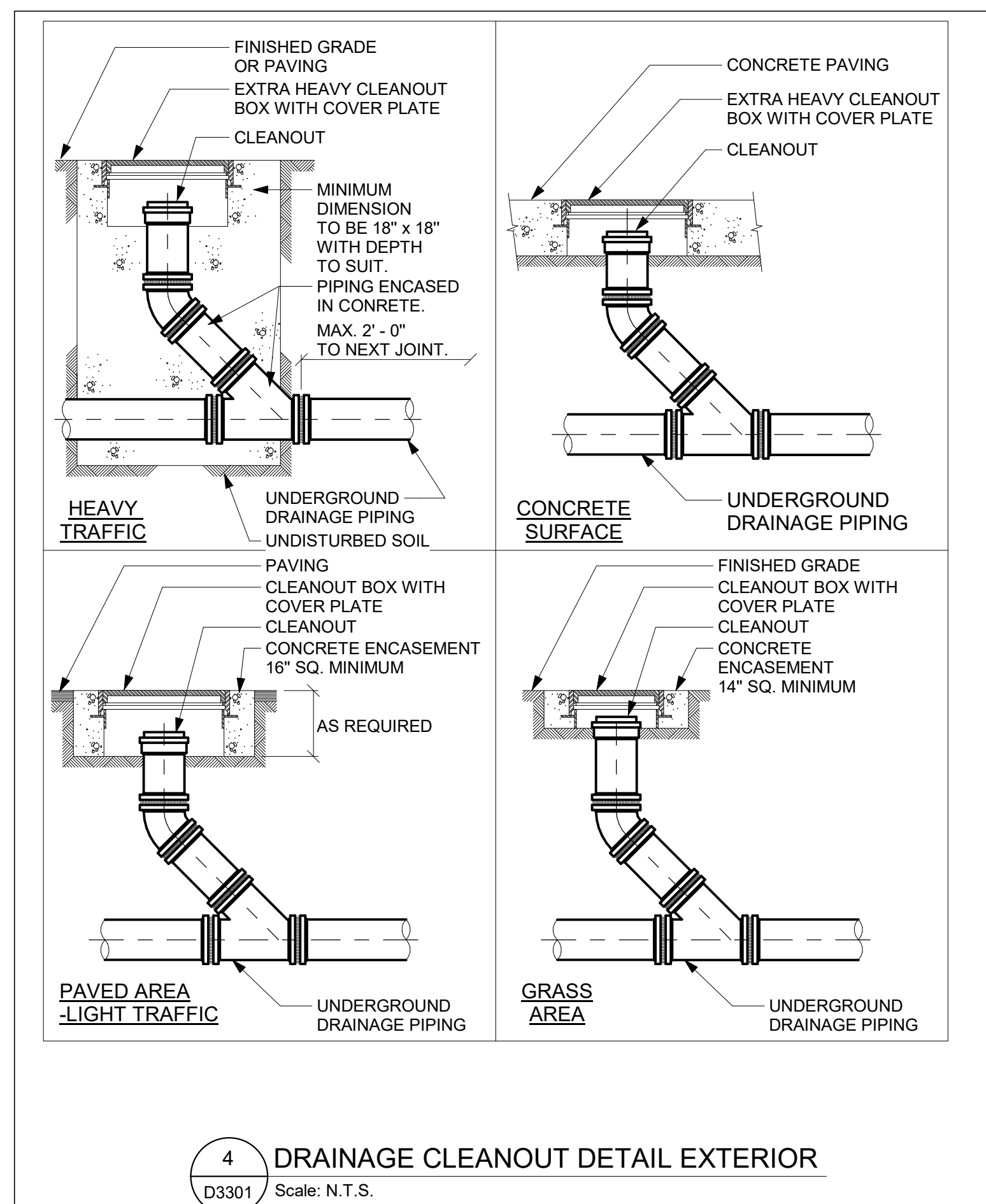
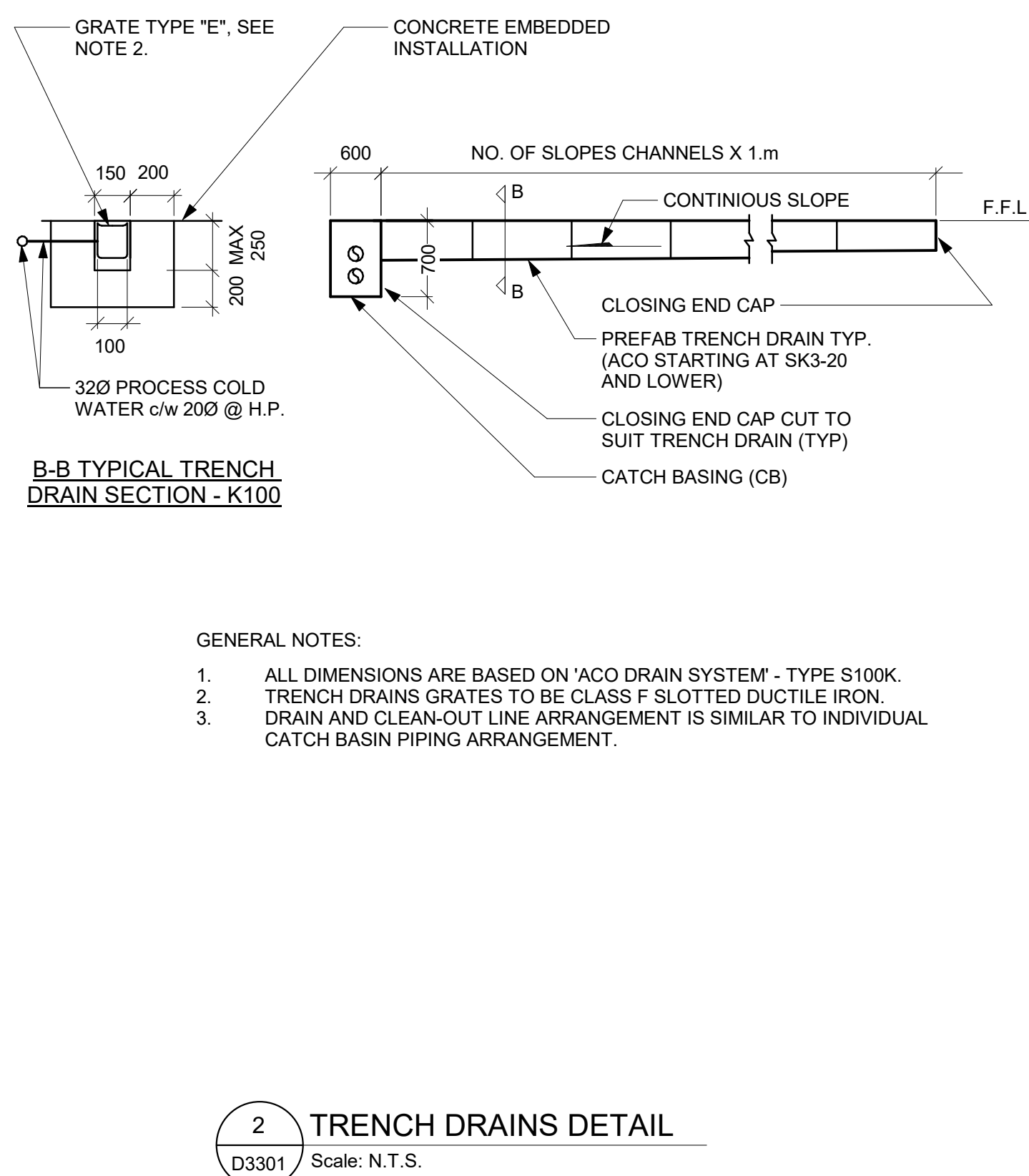
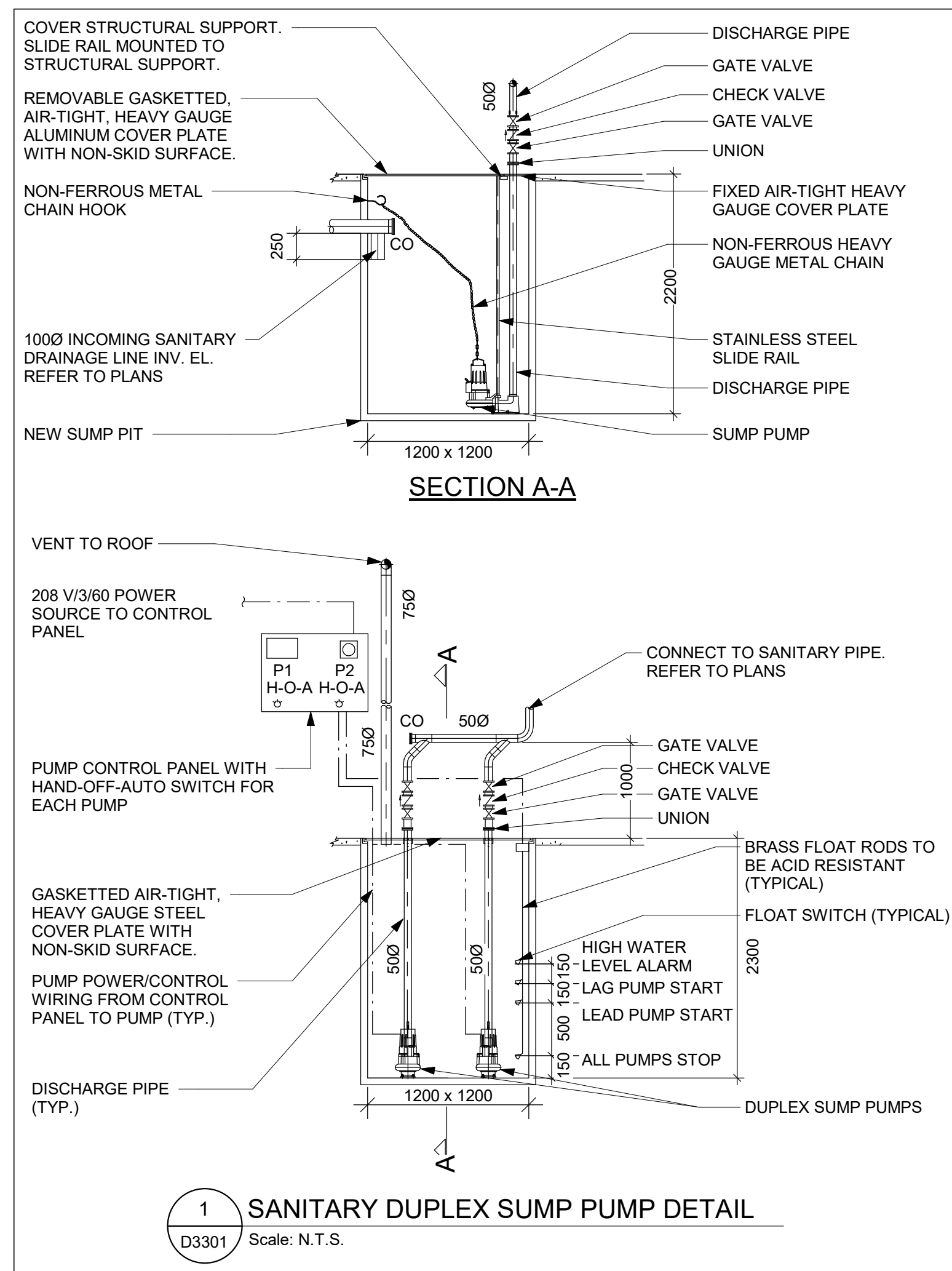
SHEET NUMBER

G08-D3201

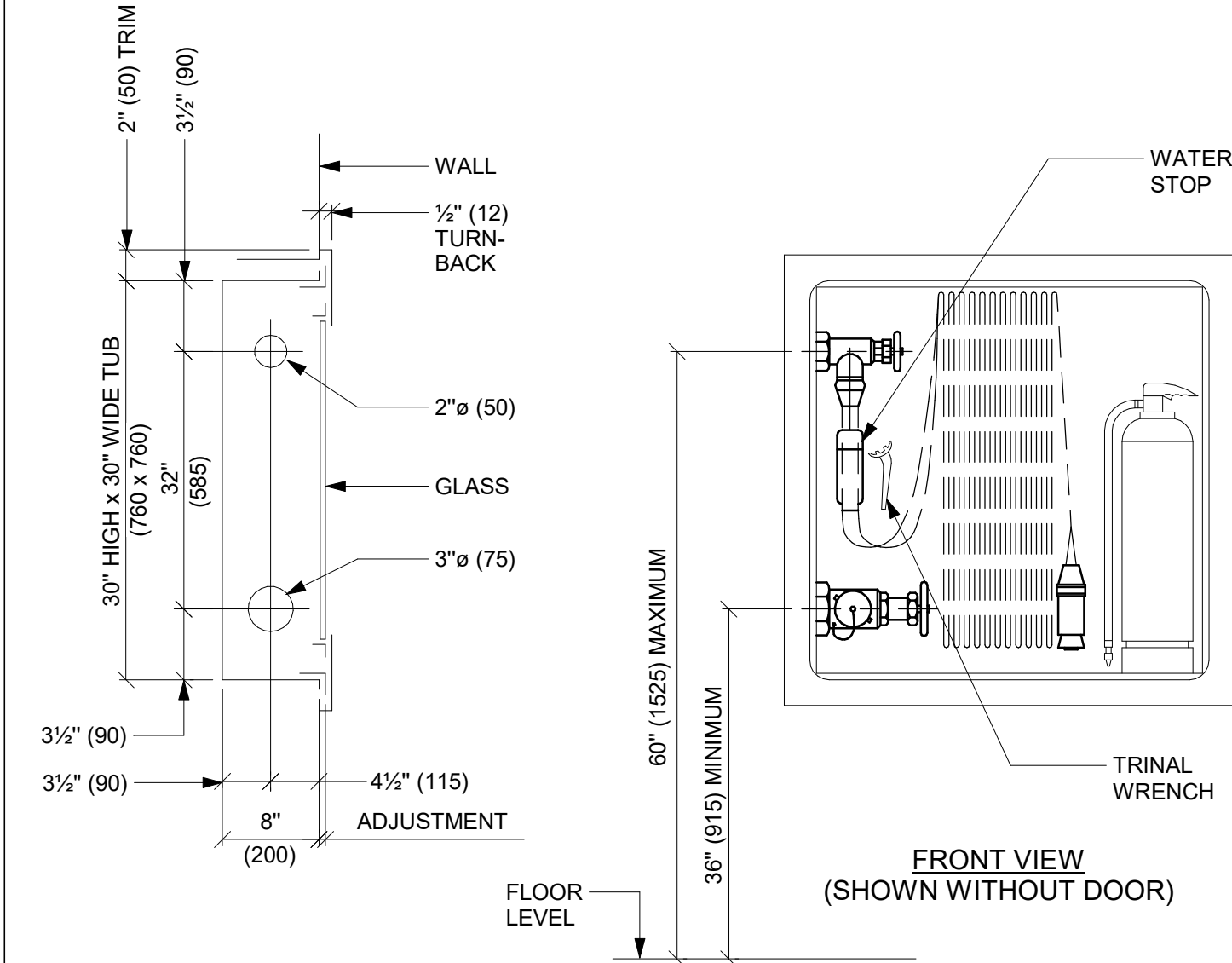
ISSUE

00









NOTE: DIMENSIONS IN BRACKETS IN MILLIMETERS

1 SINGLE OR DOUBLE VALVE CABINET (FHCR) WITH EXTINGUISHER  
D3401 Scale: N.T.S.

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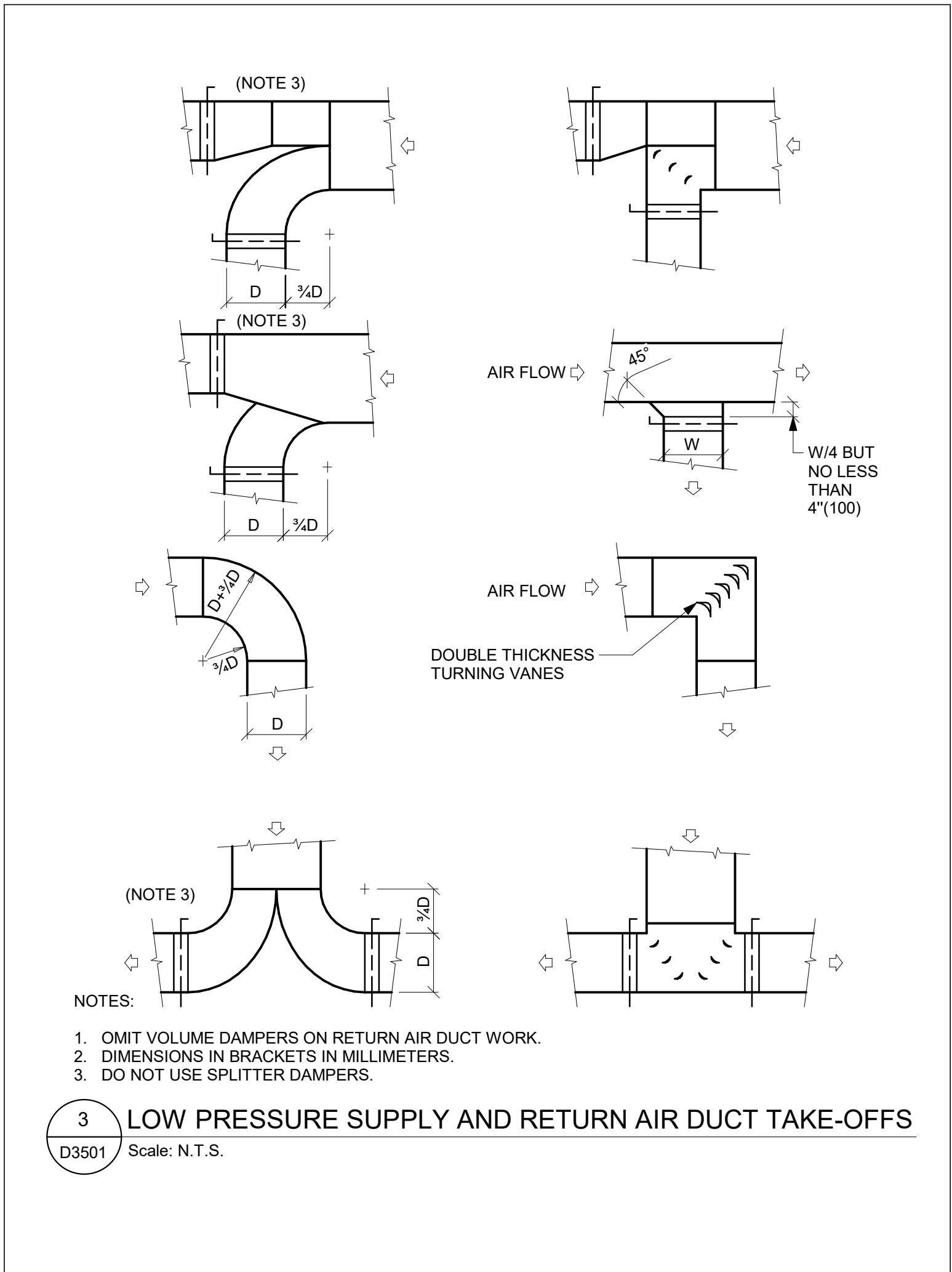
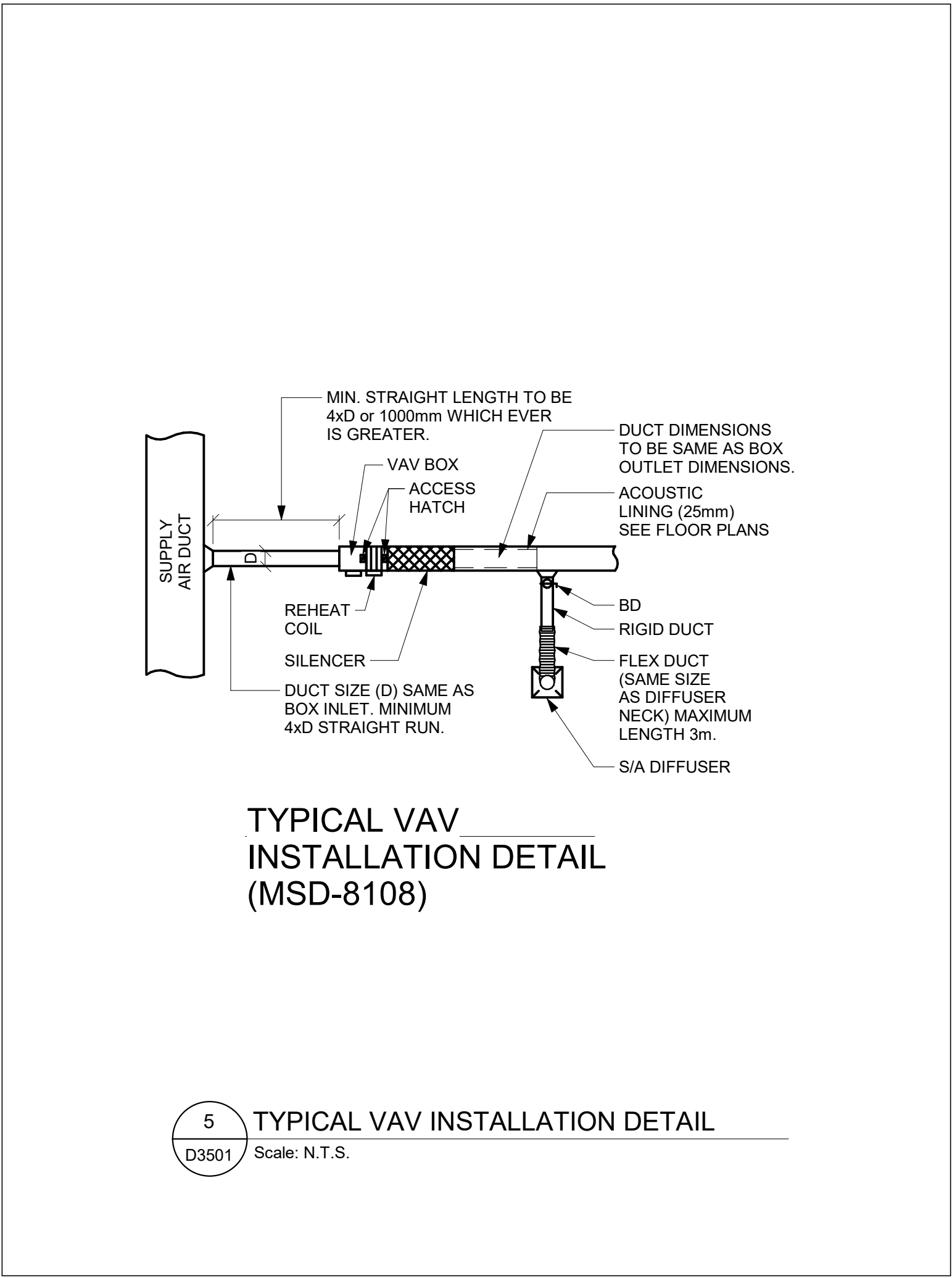
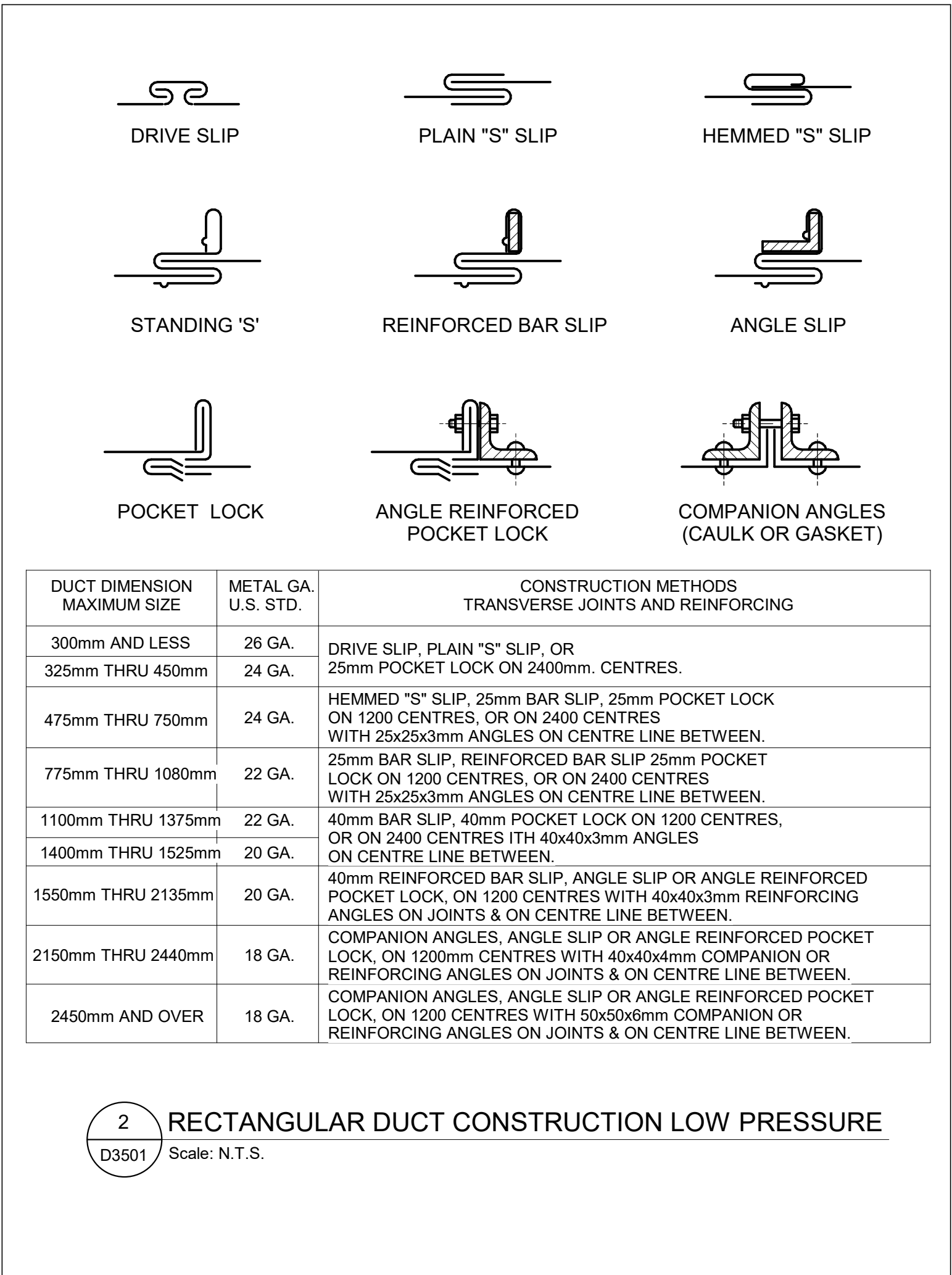
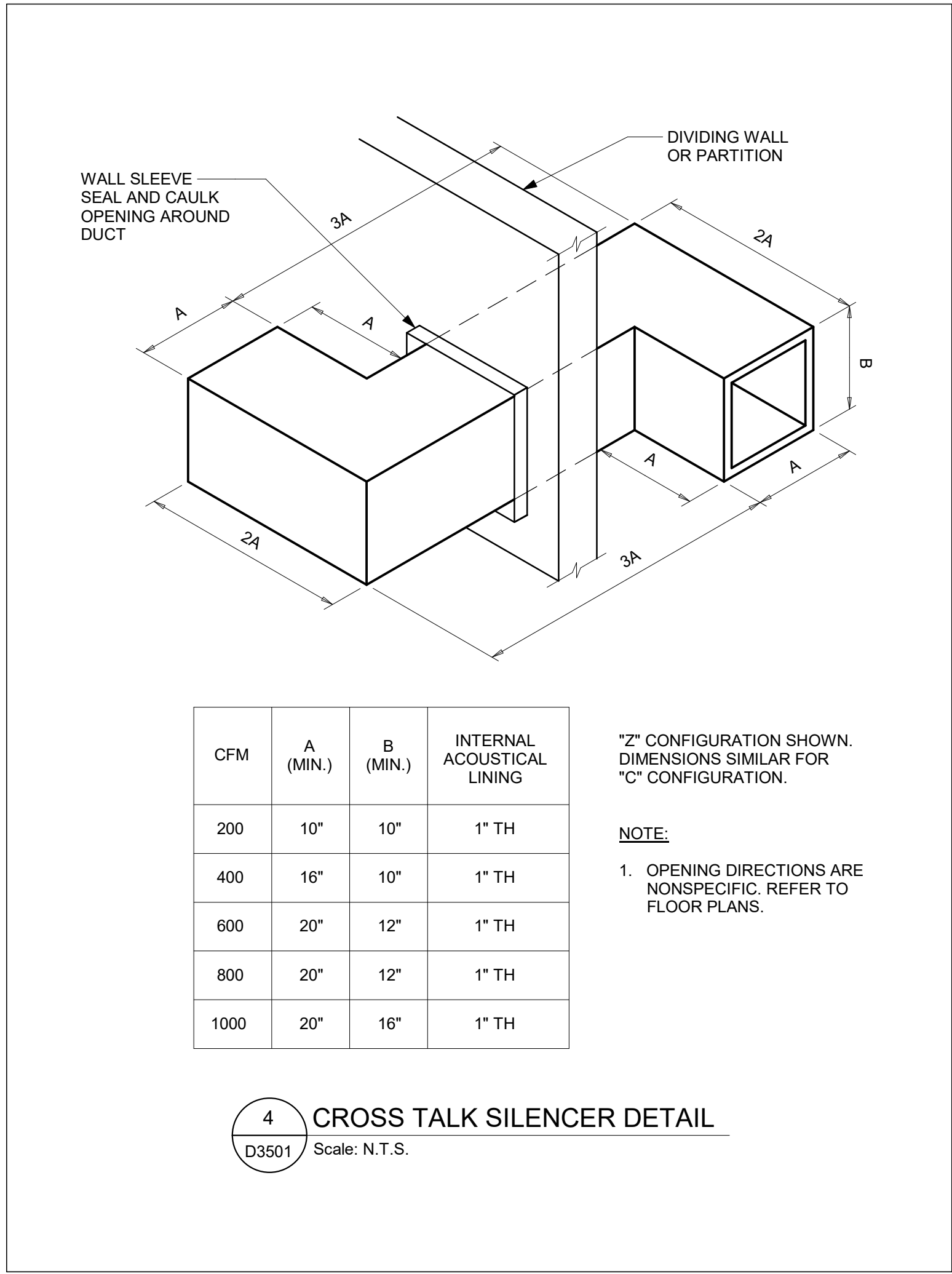
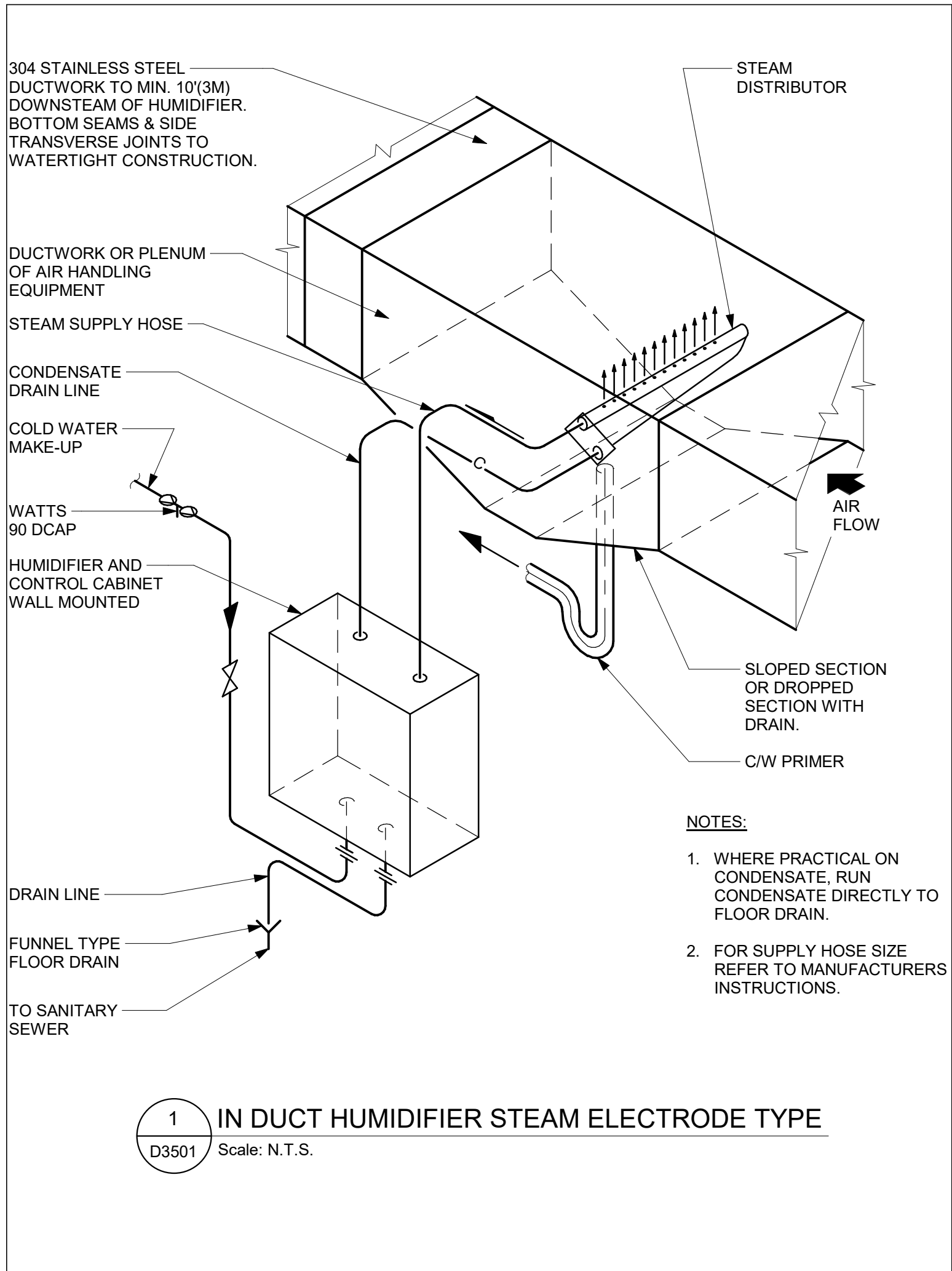
**PROJECT TITLE**  
CITY OF TORONTO  
ACCESSIBILITY UPGRADES

**PROJECT ADDRESS**  
Toronto City Hall  
100 Queen St W Toronto,  
ON MPG 1P5

PROJECT NO: 122260	
DRAWN BY: K.DURUKAN	CHECKED BY: B.LIAO
PROJECT MGR: F.BOLOURIAN	APPROVED BY: S.LIU

**SHEET TITLE**  
FIRE PROTECTION  
DETAILS

<b>SHEET NUMBER</b> G08-D3401	<b>ISSUE</b> 00
----------------------------------	--------------------



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CONSULTANTS

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LICENSED PROFESSIONAL ENGINEER  
B. LIAO  
100546253  
2021-10-19  
PROVINCE OF ONTARIO

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PROJECT TITLE

CITY OF TORONTO  
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

Toronto City Hall  
100 Queen St W Toronto,  
ON M5G 1P5

PROJECT NO:

122260

DRAWN BY:

K.DURUKAN

CHECKED BY:

B.LIAO

PROJECT MGR:

F.BOLOURIAN

APPROVED BY:

S.LIU

SHEET TITLE

HVAC DETAILS

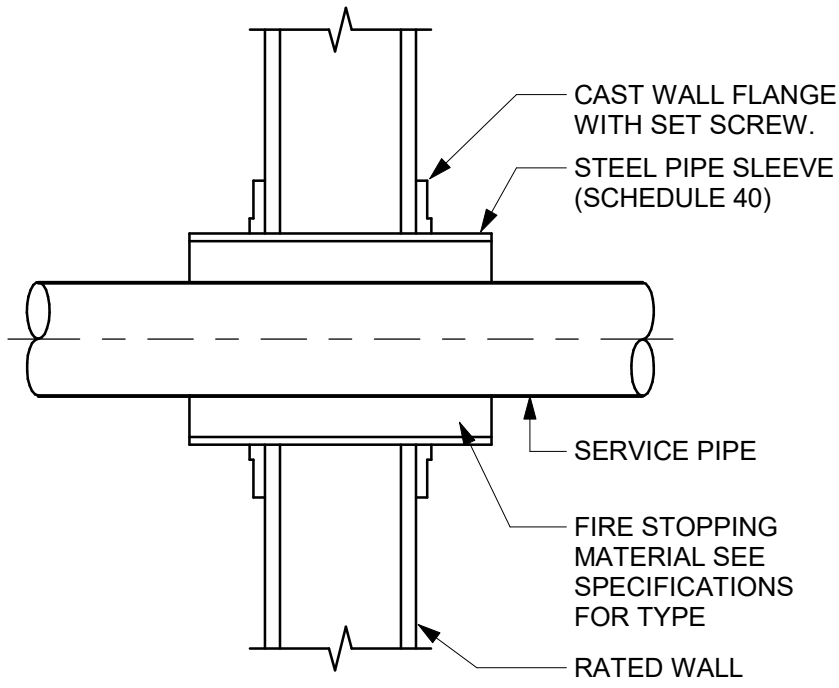
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G08-D3501

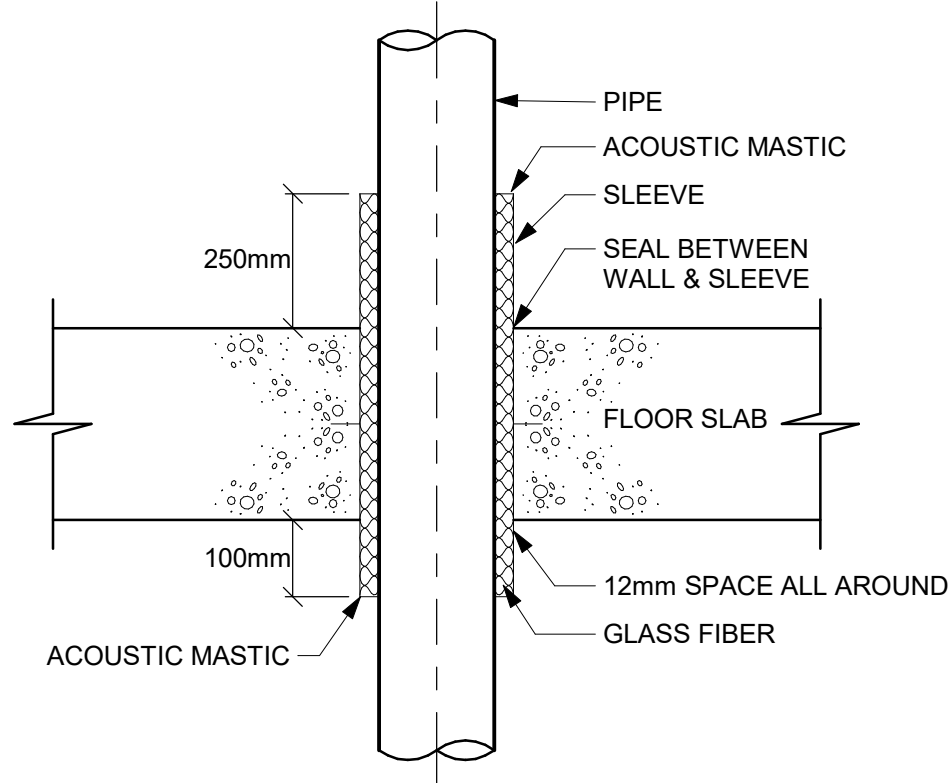
ISSUE

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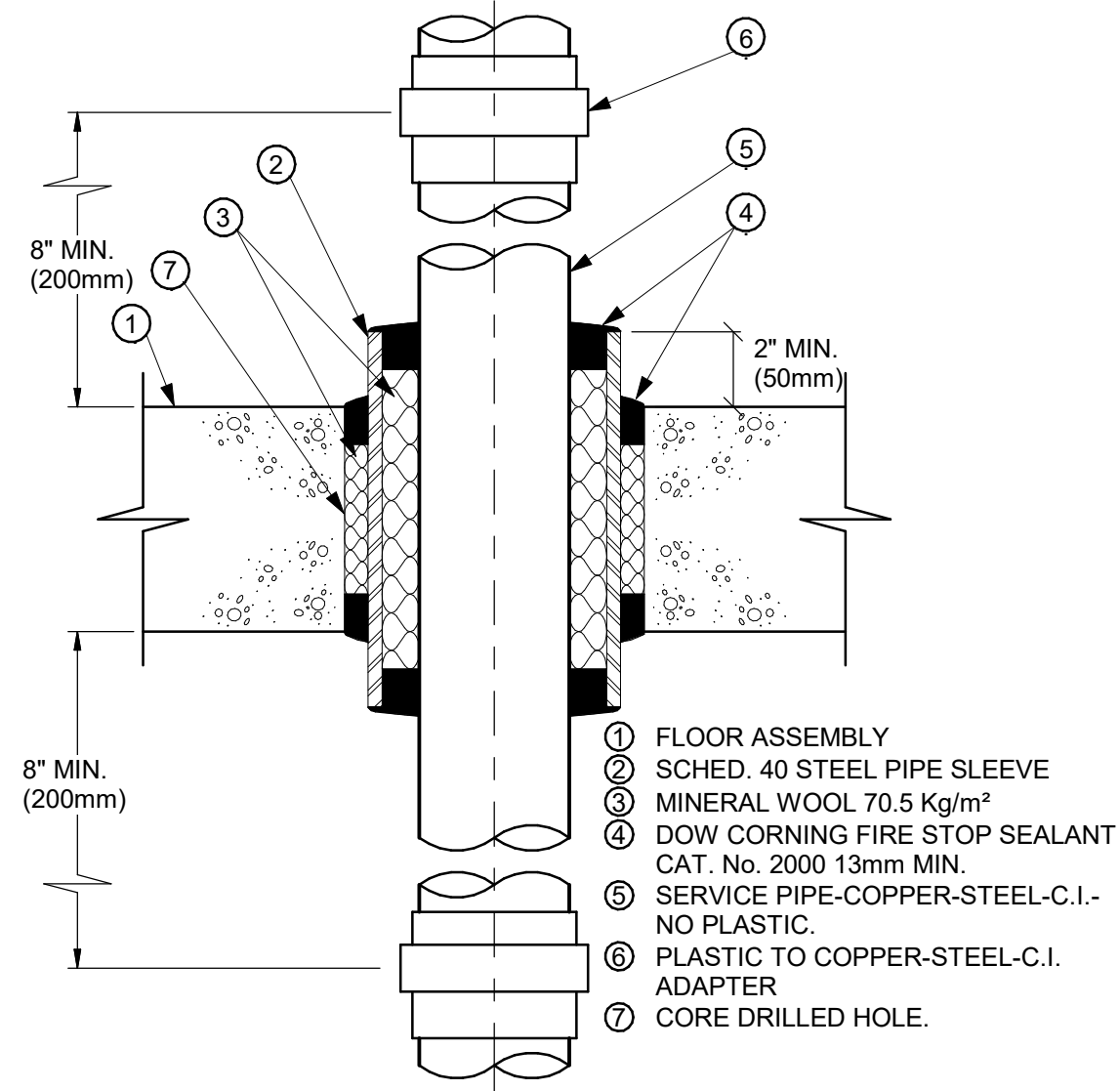




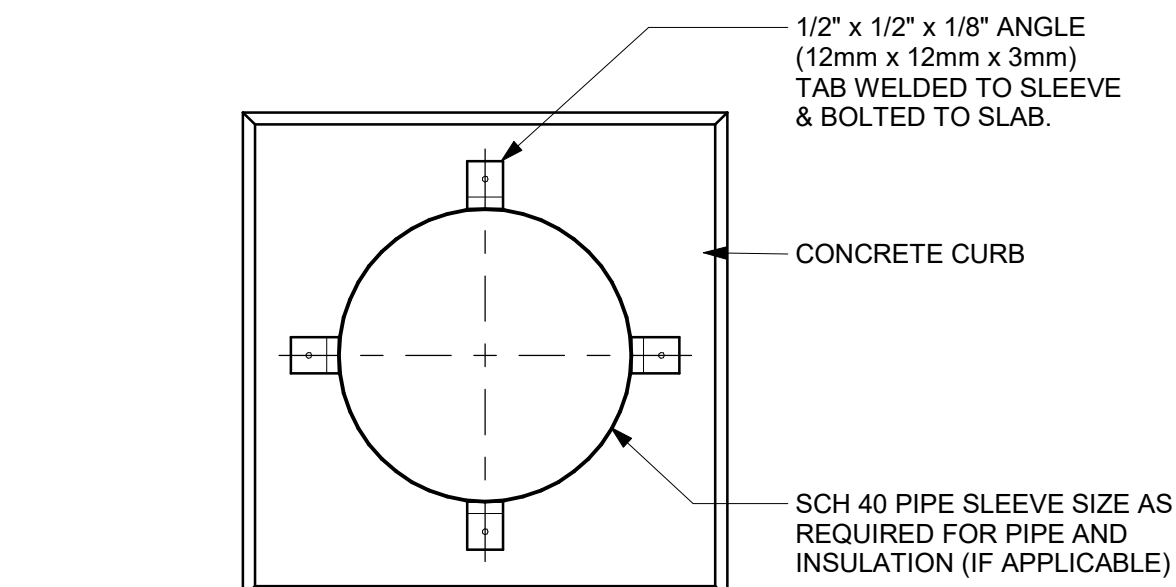
1 SLEEVE THROUGH RATED WALL  
D3601 Scale: N.T.S.



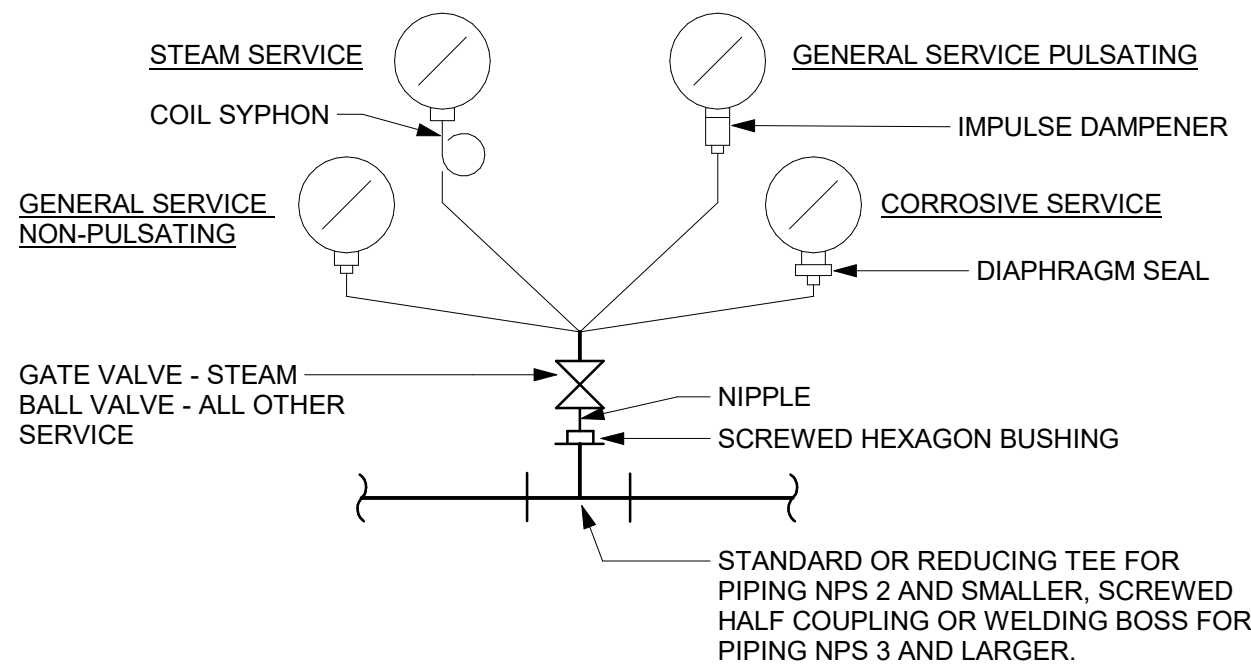
2 ACOUSTIC TREATMENT OF PIPE PENETRATION  
OF MECHANICAL ROOM FLOOR SLAB  
D3601 Scale: N.T.S.



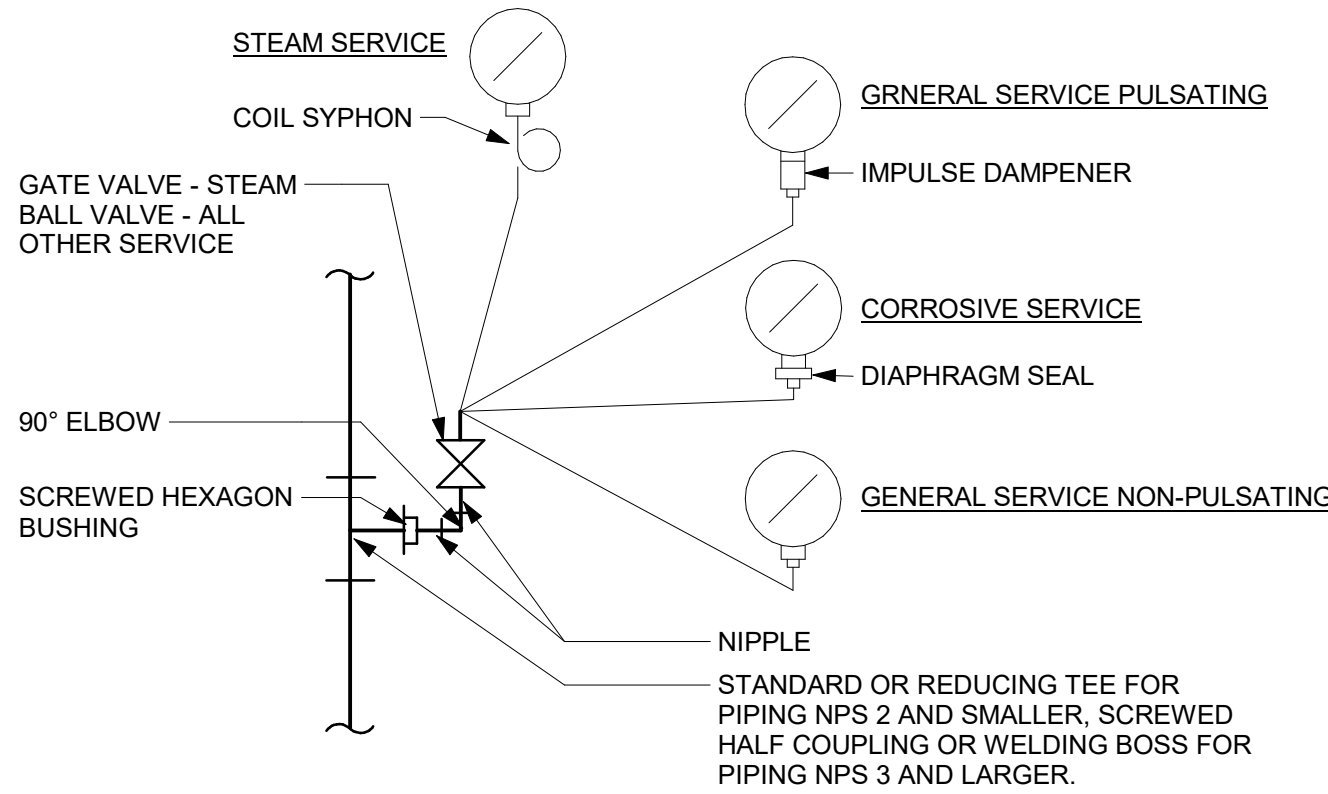
3 PIPE SLEEVE THROUGH FIRE RATED FLOOR SLAB  
D3601 Scale: N.T.S.



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

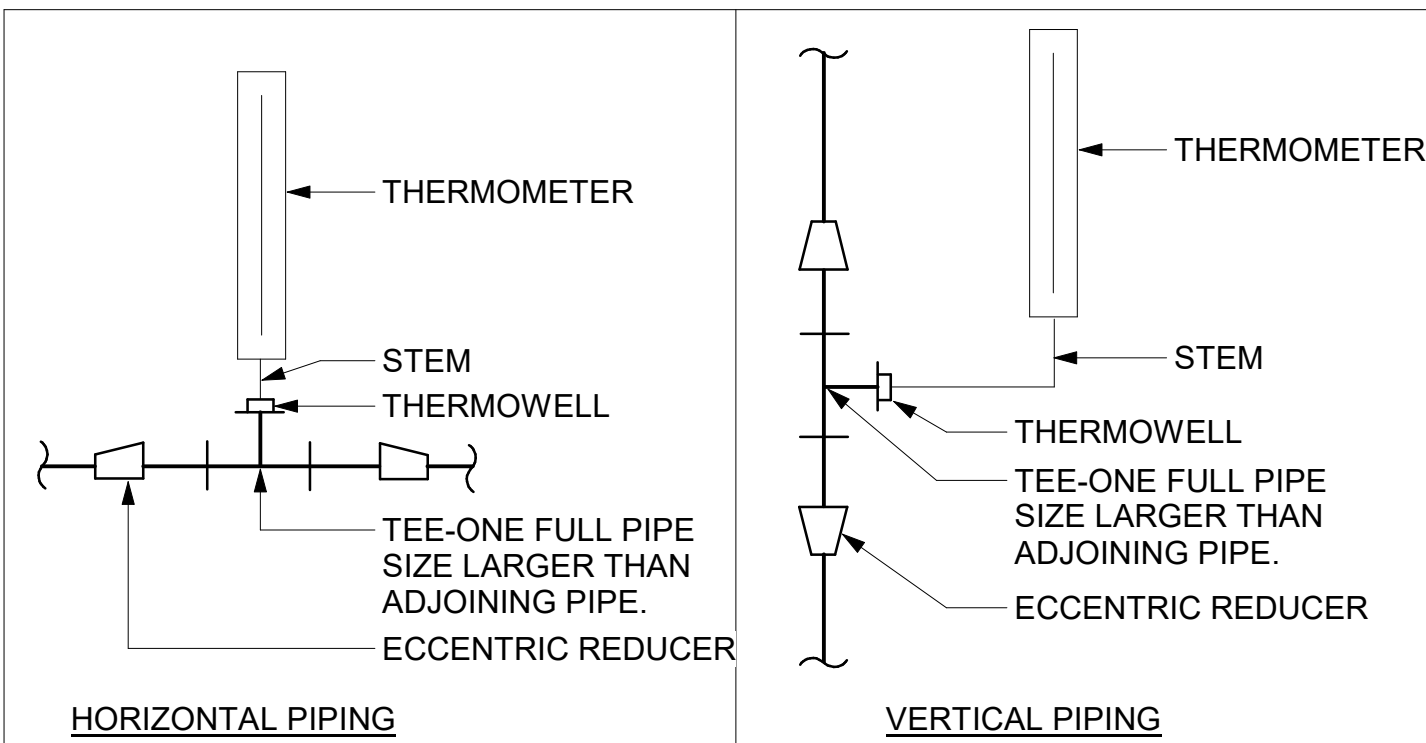


PRESSURE GAUGE MOUNTING - HORIZONTAL PIPING



PRESSURE GAUGE MOUNTING - VERTICAL PIPING

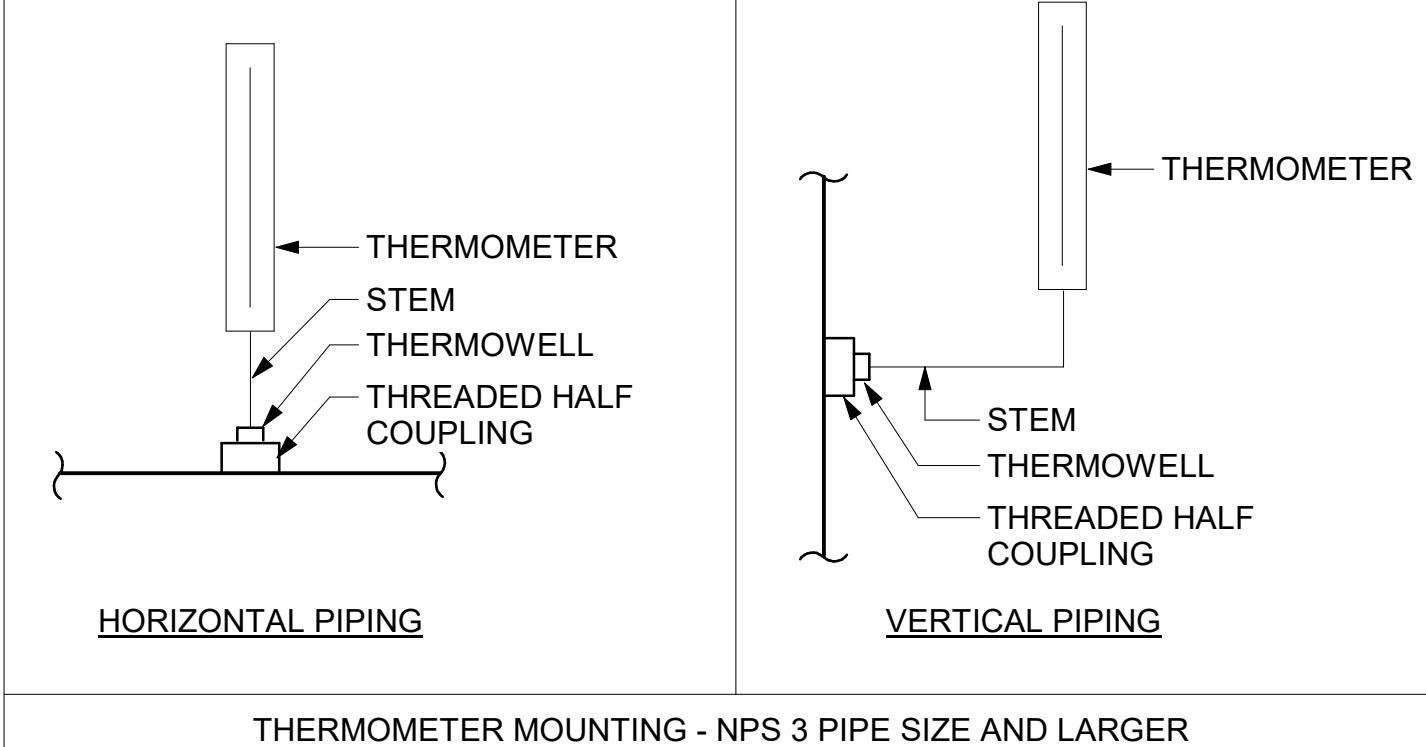
5 PRESSURE GAUGES  
D3601 Scale: N.T.S.



HORIZONTAL PIPING

VERTICAL PIPING

THERMOMETER MOUNTING - NPS 2-1/2 PIPE SIZE AND SMALLER



HORIZONTAL PIPING

VERTICAL PIPING

THERMOMETER MOUNTING - NPS 3 PIPE SIZE AND LARGER

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

ISSUES		
No.	DESCRIPTION	DATE
00	ISSUED FOR CONSTRUCTION	2021-10-19

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PROJECT TITLE  
CITY OF TORONTO  
ACCESSIBILITY UPGRADES

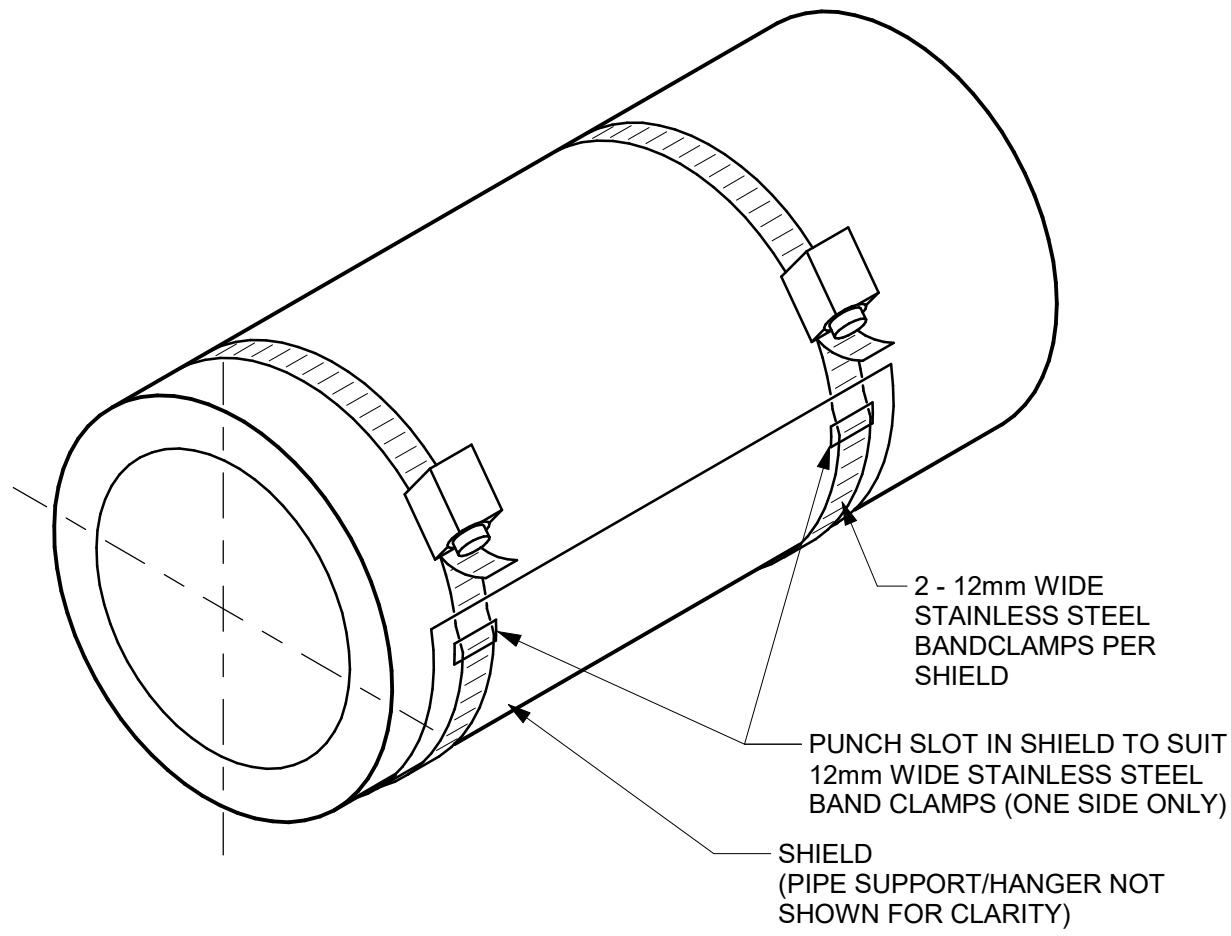
PROJECT ADDRESS  
Toronto City Hall  
100 Queen St W Toronto,  
ON M5G 1P5

PROJECT NO:  
122260  
DRAWN BY:  
K.DURUKAN  
CHECKED BY:  
B.LIAO  
PROJECT MGR:  
F.BOLOURIAN  
APPROVED BY:  
S.LIU

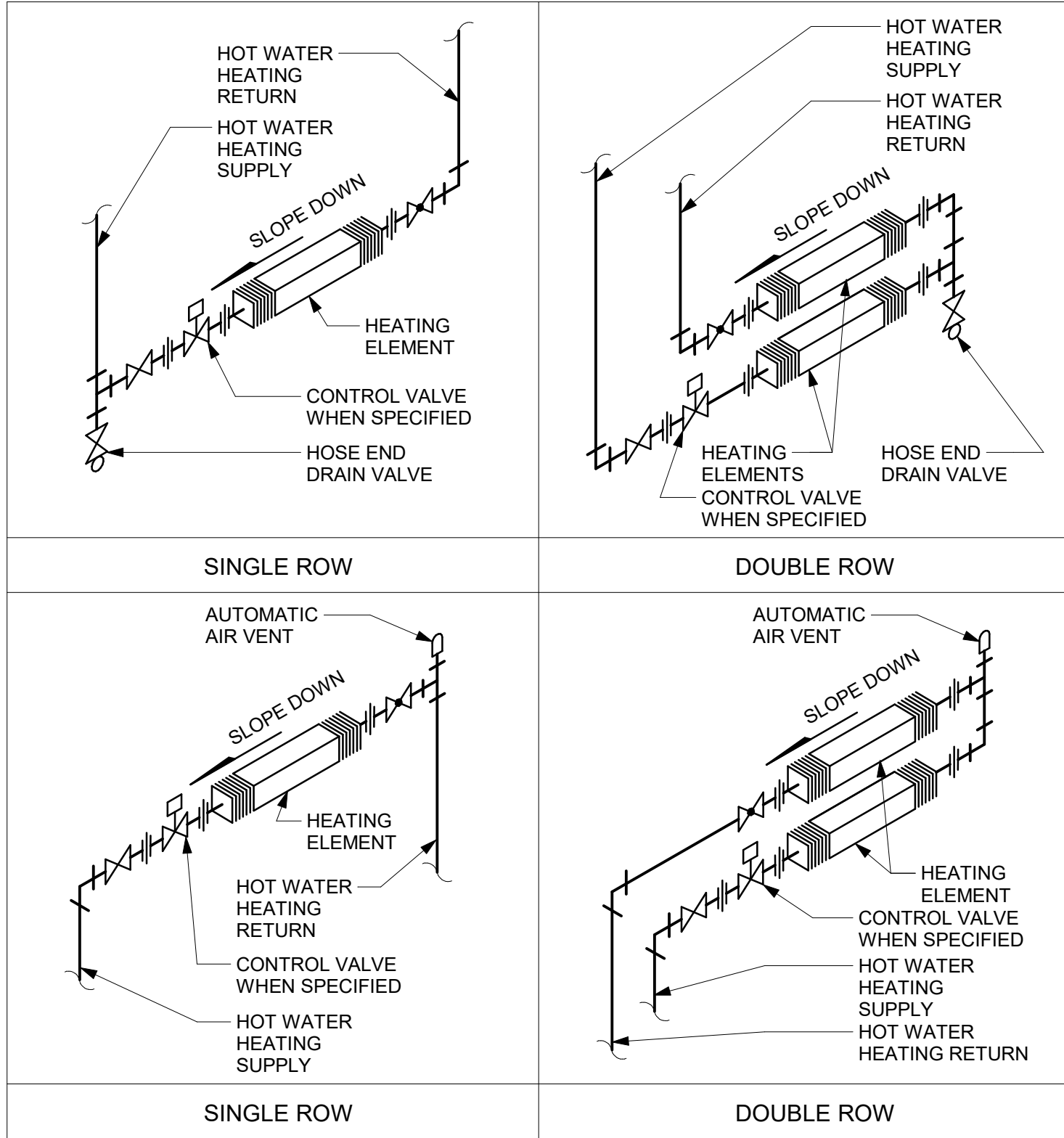
SHEET TITLE  
PIPING DETAILS  
SHEET 1 OF 2

SHEET NUMBER  
G08-D3601  
ISSUE  
00






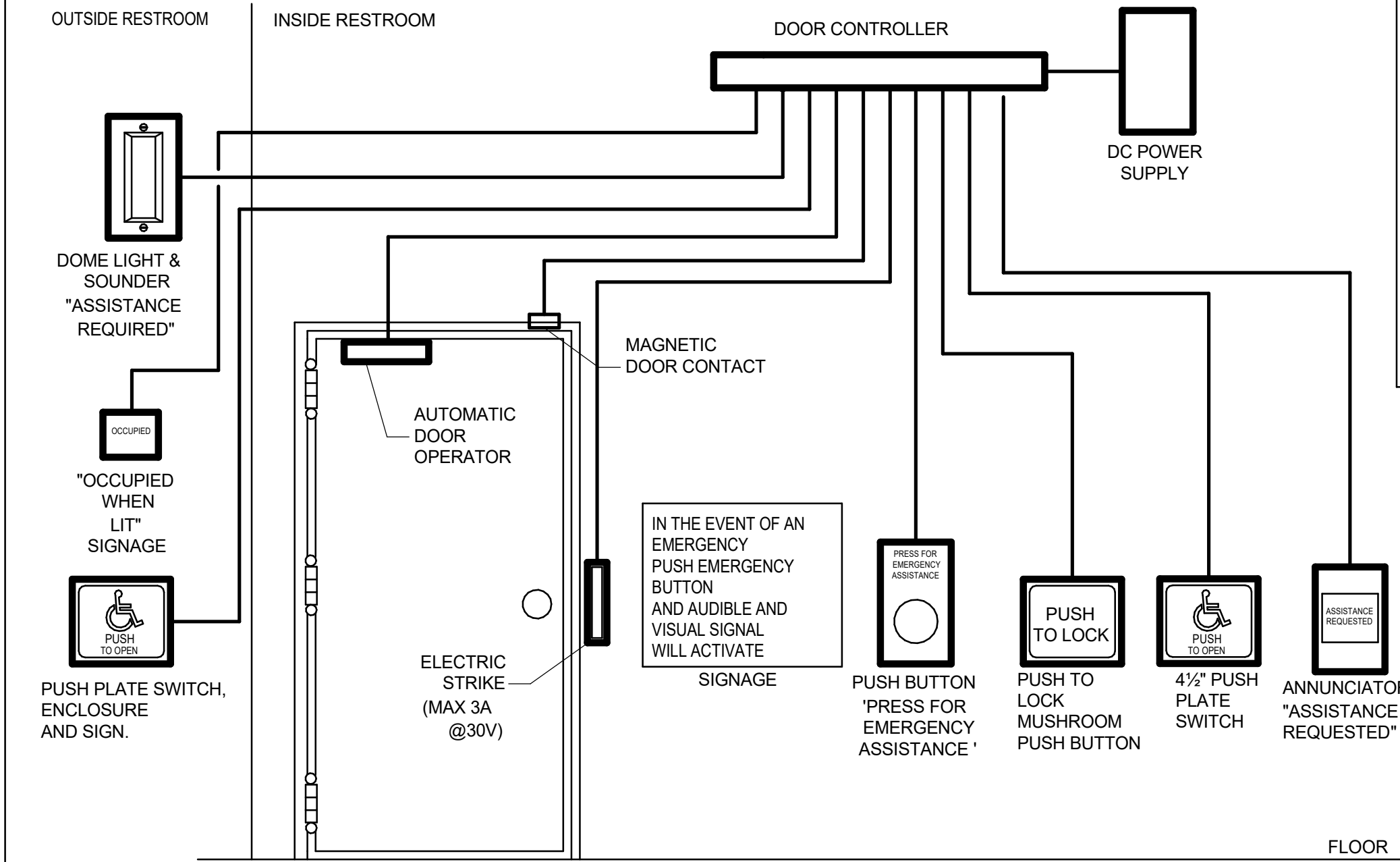


1 INSULATION SHIELD INSTALLATION  
D3602 Scale: N.T.S.



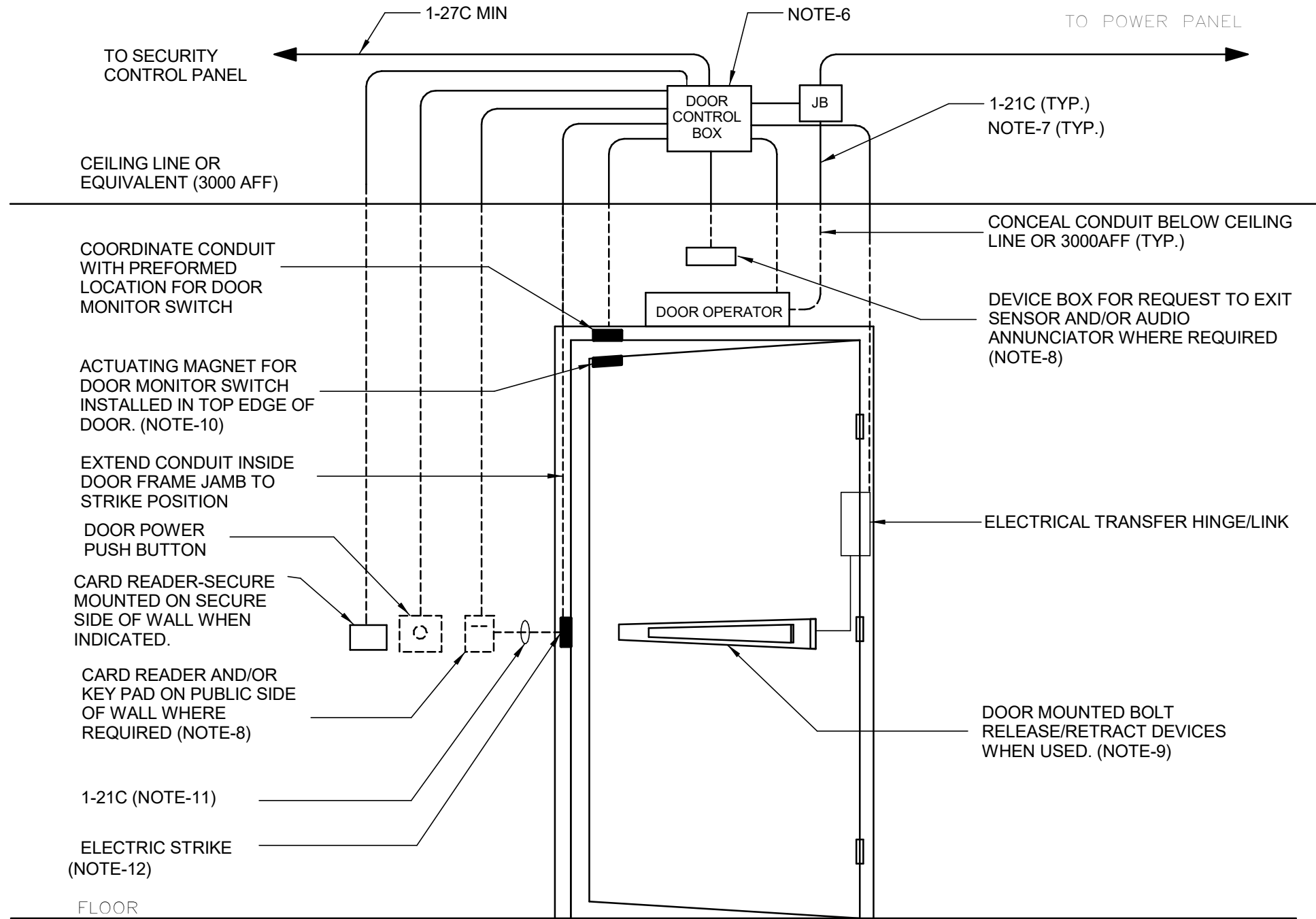
2 WALL FINNED CONVECTORS: HOT WATER  
D3602 Scale: N.T.S.

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PROJECT TITLE		
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PROJECT ADDRESS		
Toronto City Hall 100 Queen St W Toronto, ON M5G 1P5		
PROJECT NO: 122260		
DRAWN BY: K.DURUKAN		CHECKED BY: B.LIAO
PROJECT MGR: F.BOLOURIAN		APPROVED BY: S.LIU
SHEET TITLE		
PIPING DETAILS SHEET 2 OF 2		
SHEET NUMBER		ISSUE
G08-D3602		00



- NOTES**
1. PROVIDE EMERGENCY CALL SYSTEM EQUIPMENT. PROVIDE EMPTY CONDUITS ONLY. COMPLETE WITH PULL STRINGS.
  2. BACK BOXES AND CONDUITS SHALL BE ACCORDING TO APPROVED SHOP DRAWINGS. CONDUITS SHALL BE EMT, MINIMUM SIZE 21mm DIA., CONTRACTOR TO COORDINATE.
  3. LOCATIONS OF DEVICES SHALL BE ACCORDING TO ARCHITECTURAL DRAWINGS. VERIFY EXACT LOCATION WITH THE ARCHITECT PRIOR TO ROUGHING-IN.
  4. PROVIDE DOOR OPERATOR. PROVIDE 120V CIRCUIT FOR POWER AND CONDUIT FOR CONTROL CONNECTIONS TO DOOR CONTROLLER AS REQUIRED.
  5. PROVIDE ELECTRIC STRIKE AND CONDUIT FOR CONNECTION TO DOOR CONTROLLER AS REQUIRED.

- SEQUENCE OF OPERATION:**
1. UPON PRESSING THE EXTERIOR PUSH PLATE, THE DOOR SHALL OPEN.
  2. AFTER ENTRY, THE OCCUPANT SHALL PRESS THE "PUSH TO LOCK" PUSH PLATE, AND LOCK THE DOOR VIA ELECTRIC STRIKE. THE EXTERNAL SIGNAGE WILL BE IN THE "OCCUPIED" STATE. PRESSING THE EXTERIOR PUSH PLATE WILL NOT HAVE ANY EFFECT.
  3. THE OCCUPANT WILL EXIT BY PRESSING THE INTERIOR UNIVERSAL SYMBOL FOR ACCESSIBILITY, WHICH WILL UNLOCK THE STRIKE, ACTIVATE THE DOOR OPERATOR AND AND RESET THE EXTERIOR SIGNAGE TO ITS "UNOCCUPIED" STATE. SIMILARLY, THE OCCUPANT MIGHT TURN THE DOOR HANDLE, AND OPEN THE DOOR. THE MAGNETIC DOOR CONTACT WILL REGISTER THIS AS A DOOR OPEN STATUS, AND RESET THE EXTERIOR SIGNAGE TO ITS "UNOCCUPIED" STATE AND RELEASE THE ELECTRIC STRIKE.
  4. THE INTERIOR AND EXTERIOR REQUEST FOR EMERGENCY ASSISTANCE AUDIBLE AND VISUAL SIGNAL DEVICES WILL DEACTIVATE UPON RELEASE (PULL) OF THE MUSHROOM PUSHBUTTON. THE DOOR STRIKE WILL REMAIN UNLOCKED AND THE EXTERIOR SIGNAGE WILL BE IN ITS "UNOCCUPIED" STATE.



- NOTES:**
1. THIS CONSTRUCTION DETAIL IS FOR SCHEMATIC PURPOSE ONLY. REFER TO POWER AND SECURITY LAYOUT DRAWINGS AND DOOR HARDWARE SCHEDULE FOR EXACT COMPONENTS REQUIRED AND CONDUIT ROUTING.
  2. ALL CONDUITS WITH PULL STRING, JUNCTION BOXES, DEVICE BOXES AND POWER WIRES BY DIV.26.
  3. SECURITY DOOR CONTROLLER, CARD READER, ALARM BUZZER, KEYPAD, REQUEST TO EXIT SENSOR AND SECURITY WIRES BY SECURITY VENDOR WHERE REQUIRED.
  4. POWER SUPPLY, DOOR OPERATOR/CONTROLLER, DOOR POWER PUSH BUTTON, ELECTRIC STRIKE/BOLT/LATCH, DOOR CONTACT (MONITOR SWITCH), BY DOOR HARDWARE CONTRACTOR WHERE REQUIRED.
  5. PROVIDE CONTINUOUS ELECTRICAL RACEWAY CONSISTING OF CONDUIT AND/OR CABLE TRAY. NO FREE AIR RUNNING SECURITY CABLE.
  6. JUNCTION BOX SIZED TO ACCOMMODATE LOCAL DOOR CONTROL SYSTEM; MIN. 300x300x150 WITH REMOVABLE AND TAMPER RESISTANT COVER; SURFACE MOUNTED FOR SOLID WALL CONSTRUCTION. SAME WITH 100x100x54 DEVICE BOX WITH 38MM EXTENSION RING TO DEPTH OF 92MM. FLUSH MOUNT FOR CAVITY OR BLOCK WALL CONSTRUCTION. USE COMMON CONDUIT, PULL BOXES AND JUNCTION BOXES FOR INTRUSION DETECTION AND ACCESS CONTROL WIRING.
  7. USE JUNCTION BOX AT CORNER FOR BLOCK WALL CONSTRUCTION. CONCEAL VERTICAL CONDUIT. SURFACE MOUNT HORIZONTAL CONDUIT ON SOLID WALL ONLY.
  8. DEVICE BOX. MOUNTED FLUSH WITH SURFACE. PROVIDE SINGLE DEVICE COVER PLASTER RING FOR CAVITY OR BLOCK WALL CONSTRUCTION. REFER TO LAYOUT DRAWING FOR LOCATION. COORDINATE WITH DOOR HARDWARE SCHEDULE FOR EXACT SIZE. DISPENSE WITH WALL BOX WHEN MULLION MOUNT IS INDICATED IN THE DOOR HARDWARE SCHEDULE.
  9. BOLT RELEASE/RETRACT DEVICE MAY BE PUSH-BAR OR LEVER TYPE. USE TYPE INDICATED IN DOOR HARDWARE SCHEDULE.
  10. WHERE DOOR PERFORMANCE REQUIREMENTS CALL FOR INTRUSION DETECTION AND ACCESS CONTROL, USE MAY BE MADE OF 2 SEPARATE SINGLE POLE SWITCHES OR ONE COMMON 2 POLE SWITCH. MAINTAIN SEPARATION BETWEEN WIRING OF TWO SYSTEMS.
  11. USE OF BRIDGING CONDUIT ACCEPTABLE FOR CAVITY OR BLOCK WALL CONSTRUCTION WHERE SITE CONDITIONS PERMIT.
  12. OMIT WHEN ELECTRIC LATCH IS USED.
  13. ENSURE THAT WHEN CREDENTIAL IS NOT PRESENTED AND DOOR PUSH BUTTON IS TRIGGERED THAT MOTOR DOES NOT ENGAGE. SEQUENCE OF OPERATION IS TO PRESENT CREDENTIAL -> ACTIVATE DOOR OPERATOR PUSH BUTTON

**1 UNIVERSAL WASHROOM DETAIL**  
D4001 Scale: NTS

**2 DOOR SECURITY DETAIL - POWERED DOORS**  
D4001 Scale: 1 : 1

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TORONTO, ON  
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No.	DESCRIPTION	DATE
A.	50% SUBMISSION	2021-01-21
B	90% SUBMISSION	2021-04-12
C	ISSUED FOR PERMIT	2021-04-12
D	ISSUED FOR TENDER	2021-05-25

CONSULTANTS

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PROJECT TITLE  
**CITY OF TORONTO  
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

PROJECT NO:  
122260

DRAWN BY: <b>M. BOJIC</b>	CHECKED BY: <b>P.WILLIAMS</b>
PROJECT MGR: <b>F.BOLOURIAN</b>	APPROVED BY: <b>P. WILLIAMS</b>

SHEET TITLE  
**ELECTRICAL DETAILS 1**

SHEET NUMBER <b>D4001</b>	ISSUE <b>D</b>
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