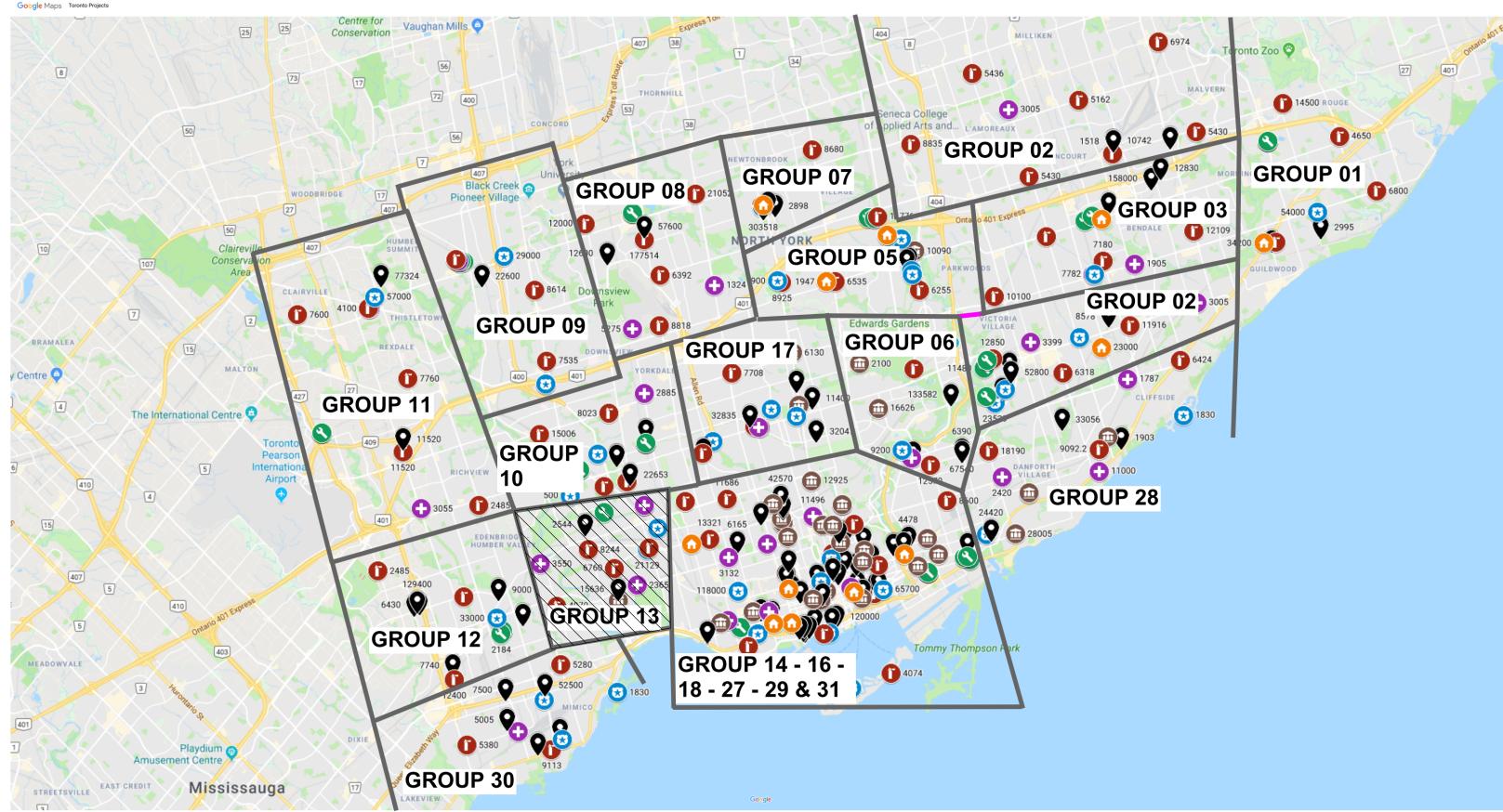
CITY OF TORONTO ACCESSIBILITY UPGRADES GROUP 3

9119-19-0162 / Arcadis 30279056



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	GENERAL LAYOU
SHEET #	
G03-GAL-G1002	ARCHITECTURAL GENERAL NO
G03-GAL-G1003	WALL TYPES
G03-GAL-G1004	DOOR TYPES
G03-GAL-G2001	STRUCTURAL GENERAL NOTES
G03-GAL-G2002	ABBREVIATIONS & SYMBOLES
G03-GAL-G3001	MECHANICAL LEGEND SHEET 1
G03-GAL-G3002	MECHANICAL LEGEND SHEET 2
G03-GAL-G4001	ELECTRICAL LEGEND SHEET 1
G03-GAL-G4002	ELECTRICAL LEGEND SHEET 2
G03-GAL-G4003	ELECTRICAL GENERAL NOTES

	GROUP 03 BUI	ILC
SERIAL #	BUILDING ADDRESS	
17	1050 ELLESMERE RD	
37	1305 ELLESMERE RD	
114	2000 MIDLAND AVE	
141	2440 LAWRENCE AVE E	
108	2 HOBSON AVE	(
231	4331 LAWRENCE AVE E	

TOUCH AND FEE

TYPICAL DETAIL

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	CITY OF TOP	RONTO
GROUP 05	<u>кл</u>	
SHEET TITLE	DA Toro	NTU
WING LIST, BUILDING LIST	55 John ST. TORONTO, ON	
	M5V 3C6	
JTS GROUP 05	ISSUES No. DESCRIPTION A 50% SUBMISSION	DATE 2022-01-20
SHEET TITLE	B 90% SUBMISSION C ISSUED FOR PERMIT D ISSUED FOR TENDER	2022-02-22 2022-03-18 2025-04-11
OTES, ABBREVIATIONS & REFERENCE SYMBOLS	D ISSUED FOR TENDER	2025-04-11
S		
S		
1 OF 2		
2 OF 2		
1 OF 2		
2 OF 2		
6		
DING INDEX		
BUILDING DESCRIPTION		
ELLESMERE YARD - BLDG D		
SQUIRRELS NEST DAYCARE CENTER		
ELLESMERE YARD - BLDG A		
POLICE - BAIL & PAROLE ENFORCEMENT OFFICE		
CORPORATE PRINTING & MULTI-MEDIA BUILDING		
POLICE NO. 43 DIVISION & EMS STATION NO. 26		
EL BOOKLET		
LS BOOKLET		
	PRIME CONSULTANT	
		סוכ
FOR CONSTRUCTION		כוט
	100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Can	ada
	tel 416 679 1930 www.arcadis.com	
	PROJECT NO: 9119- 19- 0162 / Arcadis 302790	56
	DATE: 2022-12-07]
FOR TENDER		
	G03-GAL-G00	

ABBREVIATIONS

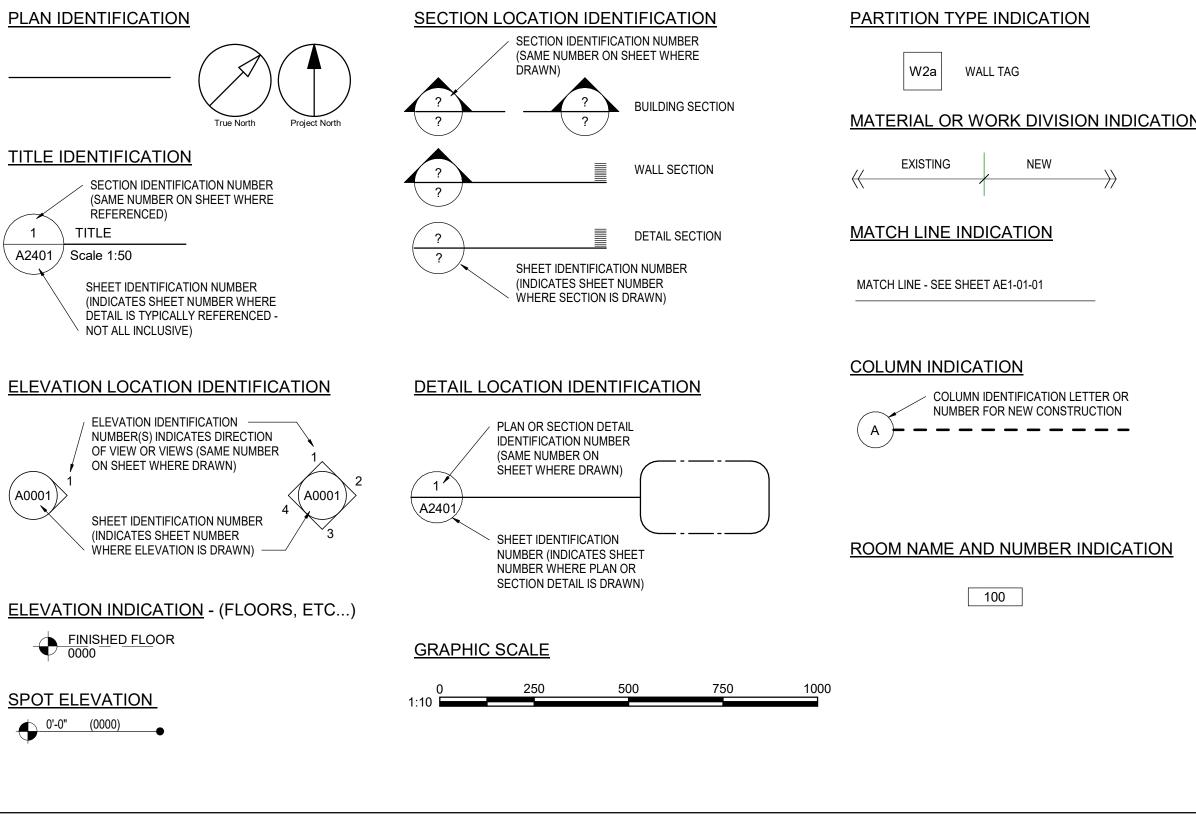
@ A	AT ANGLE	ECB ECS
A/C	AIR CONDITIONER / CONDITIONING	EF
ABV ACCS	ABOVE ACCESSORIES	EIFS
ACSDR ACSFLR		EJ EL
ACST /	ACOUSTICAL	ELEC
ACOUS ACT	ACOUSTICAL CEILING TILE	ELEV EMER
AD ADA	AREA DRAIN AMERICANS WITH DISABILITIES ACT	EMF ENCL
ADDL	ADDITIONAL	ENG
ADDM ADJ	ADDENDUM ADJUSTABLE / ADJACENT	EOD EOS
ADMIN		EQ
AFC AFF	ABOVE FINISHED COUNTER ABOVE FINISHED FLOOR	EQPT EST
AFG AFS	ABOVE FINISHED GRADE ABOVE FINISHED SLAB	EWC EXIST
AGGR	AGGREGATE	EXP
AHR AHU	ANCHOR AIR HANDLING UNIT	EXT
AL / ALUM	ALUMINUM	FA FAST
ALNMT ALT	ALIGNMENT ALTERNATE	FCO
ALT	ANODIZED	FD FDN
ANUN	ASSISTANCE REQUIRED INDICATIOR/ALARM	FE FEC
AP APC	ACCESS PANEL ACOUSTICAL PANEL CEILING	FEC (R)
	APPROXIMATELY	FEC (SI
APPVD AR-LED	APPROVED DOOR LOCK INDICATOR	FEW
ARCH	ARCHITECT(URAL)	FF
ASPH ASTM	ASPHALT AMERICAN SOCIETY FOR TESTING	FFL
AUTO	MATERIALS AUTOMATIC	FGL FIN
AVG	AVERAGE	FIXT
S	AND	FL FLASH
BD BET	BOARD BETWEEN	FLUOR FOC
BFACT	BARRIER FREE ADULT CHANGE	FOF
BFAO	TABLE BARRIE FREE AUTOMATIC OPENER	FOM FOS
BFPB BFWO	BARRIER FREE PUSH BUTTON BARRIER FREE WAVE TO OPEN	FOW FP
BG	BUMPER GUARD	FP
BITUM BL	BITUMINOUS BLACK	FR FRC
BLDG BLK	BUILDING BLOCK	FRG
BLKG	BLOCKING	FRGP
BM BMS	BEAM BALANCE MAGNETIC SWITCH	FRT FS
BOS BOT	BOTTOM OF STEEL BOTTOM	FTG FURR
BR	BACKREST	FURR
BS	BOTH SIDES	GA
CAB CAS	CABINET CASEWORK	GALV GB
CB	CATCH BASIN	GBFD
CEM CER	CEMENT CERAMIC	GC GL
CF CG	CUBIC FOOT CORNER GUARD	GND GR
CH	CEILING HEIGHT	GRV
CHAM CHBD	CHAMFER CHALKBOARD	GT GWB
CI CI	CAST IRON CONTRACTOR INSTALLED	GWG GYP
CIP	CAST IN PLACE	
CJ CL	CONTROL JOINT CENTER LINE	HB HC
CLG	CEILING	HCP
CLO CLR	CLOSET CLEAR	HD HDR
CMU CO	CONCRETE MASONRY UNIT CLEAN/CLEAR OUT	HDWR HI
COL	COLUMN	HM
CONC CONST	CONCRETE CONSTRUCTION	hmi Hndr
CONT CORR	CONTINUOUS CORRIDOR	HOR / HORIZ
CP	CONCRETE PAVER	HP
CPR CPT	COPPER CARPET(ED)(ING)	HR HT
CT CTH	CERAMIC TILE COAT HOOK	HVAC
CTR	COUNTER	HW HYD
DBL	DOUBLE	טזח
DEFS	DIRECT APPLIED EXTERIOR FINISH SYSTEM	ID IN
DEG	DEGREE	INCL
DEMO DEP	DEMOLISH DEPRESSION	INSUL INT
DET DF	DETAIL DRINKING FOUNTAIN	ITGL
DIA	DIAMETER	JAN
DIAG DIM	DIAGONAL DIMENSION	JT
DISP DIV	DISPENSER	KIT
DN	DIVISION DOWN	LAB
DR DS	DOOR DOWNSPOUT	LAM LAV
DW	DISHWASHER	LB(S) LF
DWG	DRAWING	LH
E EA	EAST EACH	LIB LKR

ECB	EMERGENCY CALL BUTTON
ECS EF	EMERGENCY CALL SIGNAGE EACH FREE
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM
EJ Fl	EXPANSION JOINT ELEVATION
ELEC	ELECTRICAL
EMER	ELEVATOR EMERGENCY
	ENGINEERED WOOD FLOORING ENCLOSED / ENCLOSURE
ENG	ENGINEER EDGE OF DECK
EOS	EDGE OF SLAB
EQ EQPT	
	ESTIMATE ELECTRIC WATER COOLER
	EXISTING EXPANSION
EXT	EXTERIOR
FA FAST	FIRE ALARM FASTEN(ER)
FCO	FLOOR CLEAN OUT
FD FDN	FLOOR DRAIN FOUNDATION
	FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET
	FIRE EXTINGUISHER CABINET, RECESSED
FEC (SR)	FIRE EXTINGUISHER CABINET, SEMI-RECESSED
FEW	FIRE EXTINGUISHER, WALL MOUNTED
FF FFL	FINISHED FLOOR FINISH FLOOR LEVEL
FGL	FIBERGLASS
FIN FIXT	FINISH(ED) FIXTURE
FL FLASH	FLOOR FLASH(ING)
	FLUORESCENT FACE OF CONCRETE
FOF	FACE OF FINISH FACE OF MASONRY
FOS	FACE OF STUDS
FP	FACE OF WALL FIREPROOF
	FIREPLACE FRAME
	FIBER REINFORCED CONCRETE FIRE RATED GLASS
	FIBER REINFORCED GYPSUM PLASTER
FRT FS	FIRE RETARDANT TREATED
FTG	FOOTING
FURR FUT	FURRING FUTURE
GA	GAUGE
GALV GB	GALVANIZE(D) GRAB BAR
GBFD GC	GRAB BAR FOLD DOWN GENERAL CONTRACTOR
GL GND	GLASS / GLAZING GROUND
GR GRV	GRADE GRAVEL
GT	GLASS TILE
GWB GWG	GYPSUM WALL BOARD GEORGIAN WIRED GLASS
GYP	GYPSUM
HB HC	HOSE BIB HOLLOW CORE
HCP HD	HANDICAPPED HEAVY DUTY
HDR	HEADER
hdwr Hi	HARDWARE HIGH
HM HMI	HOLLOW METAL HOLLOW METAL INSULATED
HNDR HOR /	HAND DRYER HORIZONTAL
HORIZ HP	HIGH POINT
HR	HANDRAIL HEIGHT
HT HVAC	HEATING / VENTILATION / AIR
HW	CONDITIONING HARDWARE
HYD	HYDRANT
ID IN	INSIDE DIAMETER INCH / INCHES
INCL INSUL	INCLUDE(D) / INCLUDING INSULATE / INSULATION
INT ITGL	INTERIOR INSULATED TEMPERED GLASS
JAN JT	JANITOR JOINT
KIT	KITCHEN
LAB	LABORATORY
LAM LAV	LAMINATE(D) LAVATORY
LB(S) LF	POUND(S) LINEAR FOOT (FEET)
LH	LEFT HAND
lib LKR	LIBRARY LOCKER

NS NT S V VR VT	LINOLEUM SHEET LINOLEUM TILE LOW POINT LIGHT LOUVER LIGHT WEIGHT
ACH AINT AT ATL AX C E ECH EZZ FR	MACHINE MAINTENANCE ANTI-FATIGUE MATTING MATERIAL MAXIMUM MEDICINE CABINET MECHANICAL EQUIPMENT MECHANICAL EQUIPMENT MECHANICAL MEZZANINE MANUFACTURE(R) MANHOLE MINIMUM MIRROR MISCELLANEOUS MOULDING MASONRY OPENING MOISTURE RESISTANT MOUNTED
TL UL W	METAL MULLION MICROWAVE NORTH
A OR /A D FPA IC O / # OM TS	NOT AVAILABLE / APPLICABLE FEMININE NAPKIN WASTE BIN NATIONAL FIRE PROTECTION ASSOCIATION NOT IN CONTRACT NUMBER NOMINAL NOT TO SCALE
A BS C CI D FCI FF PG / PNG PP Z	OVERALL OBSCURE ON CENTER OCCUPIED INDICATOR OUTSIDE DIAMETER OWNER FURNISHED CONTRACTOR INSTALLED OFFICE OPENING OPPOSITE OUNCE
ED ER ERF FT IP LAM LAS LYWD MF OP R RCST REFAB ROP RT SF SI T D	PARTIAL PATTERN PORCELAIN BASE PARTICLE BOARD PRECAST CONCRETE PEDESTAL PERIMETER PERFORATED PERFORATED PERFONDICULAR PRE-FINISHED PORCELAINE FLOOR TILE POURED-IN-PLACE PLATE PLASTIC LAMINATE PLASTIC LAMINATE PLASTER PLYWOOD PRESSED METAL FRAMES POINT OF PRESENCE PAIR PRE-CAST PREFABRICATED PROPERTY PORCELAIN TILE POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH PAINT PAPER TOWEL DISPENSER VASTE RECEPTACLE PRESSURE TREATED DOUGLAS FIR PUSH TO LOCK BUTTON PAPER TOWEL RECEPTACLE POLYVINYL CHLORIDE
T TY	QUARTZ QUARRY TILE QUANTITY
AD B CP D EF EG ESIL ESS EST EV FG FL H M O	RISER RADIUS RUBBER BASE REFLECTED CEILING PLAN ROOF DRAIN REFERENCE REFRIGERATOR REGISTER REINFORCE(D) REQUIRED RESILIENT SHEET RESILIENT SHEET RESILIENT TILE RETAINING REVISE / REVISION ROOFING REFLECTED RIGHT HAND ROOM ROUGH OPENING

RS RST RSTR RT RWB RWD RWL	RUBBER SHEET FLOORING RUBBER STAIR TREADS RUBBER STAIR TREADS & RISERS RUBBER TILE RUBBER WALL BASE REDWOOD RAIN WATER LEADER
S SCD SCHED SCN SCT SD SDC SECT SF SHLF SHTG SHWR SHWS SIM SND SNR SOG SPD SPEC SPK SQFT SQIN SS ST STA STD STDS	SCREEN STAINED CONCRETE SOAP DISPENSER / STORM DRAIN SEALED CONCRETE SECTION SQUARE FEET SHELF SHELF SHEATHING SHOWER CURTAIN AND ROD SHOWER SHOUR SEAT SIMILAR SANITARY NAPKIN DISPENSER SANITARY NAPKIN DISPENSER SANITARY NAPKIN RECEPTACLE SLAB ON GRADE SOAP DISPENSER WITH COLLECTOR SPECIFY / SPECIFICATION SPEAKER SQUARE SQUARE FEET SQUARE FEET SQUARE INCH(ES) STAINLESS STEEL STONE STATION SOUND TRANSMISSION CLASS STANDARD
STIFF STL STN STOR STRUCT SUSP SV SW SYM	STIFFENER STEEL STAINED STORAGE STRUCTURE / STRUCTURAL SUSPENDED STOVE SWITCH SYMMETRICAL SYNTHETIC SYSTEM
T&B T&G TBD TC TEL TEMP TER TGL THK THRU TOC TOS TOW TPD TPTN TV TYP	TOP OF CURB TELEPHONE TEMPORARY / TEMPERATURE TERRAZZO TEMPERED GLASS THICK
UC UG UL UNF / UNFIN UON UPS UR	UNDERCUT UNDERGROUND UNDERWRITER'S LABORATORY UNFINISHED UNIESS OTHERWISE NOTED UNINTERRUPTIBLE POWER SUPPLY URINAL
V VAC VB VCT VENT VENT VEST VIF VNR VST VSTR VSTR VTR VWC	VOLT VACUUM VAPOR BARRIER VINYL COMPOSITION TILE VENTILATE VERTICAL VESTIBULE VERIFY IN FIELD VENEER VINYL STAIR TREADS VINTYL STAIR TREADS & RISERS VENT THRU ROOF VINYL WALLCOVERING
W W/ WC WCV WD WF WH WI WIN WK WNSCT WP WPT WR WRR	WEST WITH WITHOUT WATER CLOSET WALLCOVERING WOOD WIDE FLANGE WALL HOSE / HYDRANT WROUGHT IRON WINDOW WORK WAINSCOT WATERPROOF(ING) WORK POINT WATER RESISTANT WOOD RISER

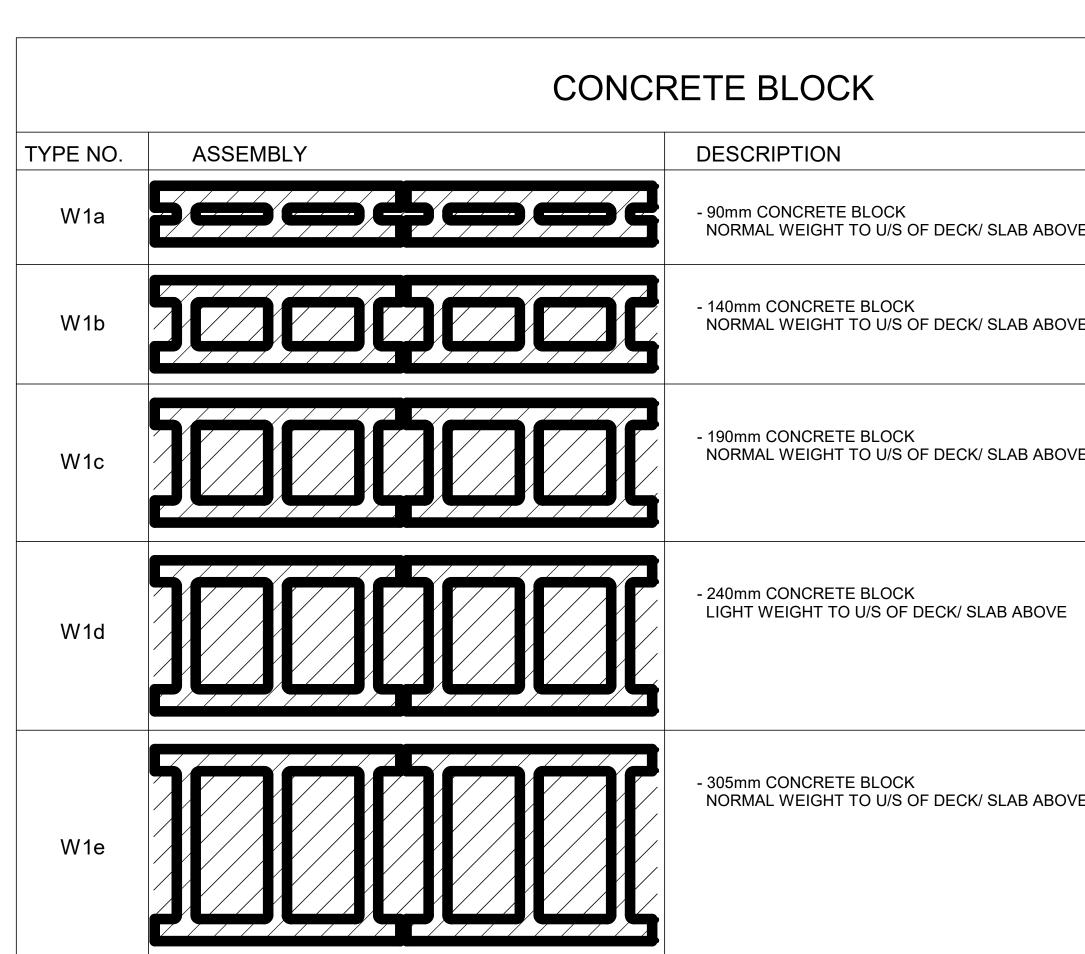
REFERENCE SYMBOLS



GENERAL NOTES

- 1. PERFORM THE WORK IN ACCORDANCE WITH THE LATEST EDITION OF THE ONTARIO BUILDING CODE, CITY OF TORONTO ACCESSIBILITY DESIGN GUIDELINES OCTOBER 7th 2016 DF AND/OR LEGISLATION, PROVIDED THAT, IN THE CASE OF CONFLICT OR DISCREPANCY.
- 2. THE CONSULTANT IS NOT RESPONSIBLE FOR INFORMATION CONCERNING THE SITE AND SURVEY INFORMATION PREPARED BY OTHERS.
- 3. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATIONS AND THE ASSOCIATED STRUCTURAL, MECHANICAL, ELECTRICAL DRAWINGS AND ALL OTHER RELEVAN 4. CONTRACTOR TO SITE VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO CONSULTANT.
- 5. CONTRACTOR SHALL VERIFY THE SITE INFORMATION PRIOR TO PROCEEDING WITH THE WORK. FAILURE TO REPORT ANY DISCREPANCIES SHALL CONSTITUTE ACCEPTANCE OF
- 6. THE CONTRACTOR SHALL REVIEW THE DRAWINGS FOR SCOPE OF DEMOLITION AND NEW WORK, INCLUDING ALL DISCIPLINES, AND SHALL COORDINATE WITH NEW WORK DRAWI
- 7. 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
- 8. ALL DIMENSIONS, INCLUDING EXISTING DIMENSIONS AND SETTING-OUT GEOMETRIES, SHALL BE SITE VERIFIED BY THE CONTRACTOR PRIOR TO PROCEEDING WITH THE WORK.
- 9. COORDINATE AND PROVIDE APPROPRIATE CUTS TO ALL PARTITIONS FOR THE INSTALLATION OF DOOR FRAMES AS REQUIRED.
- 10. PROVIDE 16-18 GA SHEET METAL REINFORCEMENT INSTALLED ON THE STUDS PRIOR TO INSTALLING THE GYPSUM BOARD IN THE LOCATIONS REQUIRED TO SUPPORT WALL MOUN 11. ISOLATE ALL MECHANICAL PIPES DUCTS AND EQUIPMENT FROM INTERIOR PARTITIONS TO AVOID ACOUSTIC NOISE TRANSFER.
- 12. MAINTAIN CONTINUITY OF BUILDING ENVELOPE AIR / VAPOUR BARRIER TRANSITIONS AND PENETRATIONS WITH MEMBRANES LAPPED AND APPROVED SEALANTS COMPATIBLE WIT
- 13. REINSTATE INTEGRITY OF FIRE SEPARATION WHEN PATCHING. PROVIDE AND INSTALL FIRE STOPPING AND SMOKE SEALS AT ALL NEW SERVICE PENETRATIONS THROUGH FLOOR REFER TO MECHANICAL DRAWINGS FOR ANY FIRE DAMPER REQUIREMENTS.
- 14. ENSURE THAT FOR ALL FIRE SEPARATIONS INDICATED ON THE DRAWINGS, ALL COMPONENTS OF THE ASSEMBLY SHALL BE OF APPROVED MATERIALS, AND INSTALLATION/FABRIC LABORATORIES OF CANADA LTD." LATEST EDITION MANUAL AND OTHERWISE MEETING THE REQUIREMENTS OF THE ONTARIO BUILDING CODE. ALL FIRE SEPARATIONS MUST BE (SEPARATIONS AND PENETRATIONS WITH APPROVED U.L.C. LISTED FIRE STOPPING SYSTEMS AND FIRE SEALANTS BOTH SIDES OF PARTITIONS.
- 15. ULC LISTED FIRE-RATED SEALANT IS TO BE APPLIED TO ALL FIRE-RATED PARTITIONS AND LEFT EXPOSED FOR INSPECTION PURPOSES
- 16. FOR ALL SUPPORTS AND CONNECTIONS OF EQUIPMENT PROVIDE SHOP DRAWINGS DESIGNED AND STAMPED BY A PROFESSIONAL ENGINEER LICENCED IN THE PROVINCE OF ON
- 17. WHERE ITEMS NOTED TO BE DEMOLISHED MEET EXISTING WALLS / CEILING AND/OR FLOOR TO REMAIN, PATCH REPAIR AND MAKE GOOD EXISTING SURFACES. PROVIDE NEW INFI 18. 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
- REINFORCING, CONDUITS, WIRING AND OTHER HIDDEN ITEMS. OBTAIN WRITTEN VERIFICATION OF PROPOSED DRILLING AND CUTTING LOCATIONS FROM THE STRUCTURAL ENGI 19. PATCH REPAIR AND MAKE GOOD EXISTING FLOOR SLAB.. IDENTIFY ON AS-BUILTS ALL LOCATIONS OF PATCH WORK
- 20. BEFORE COMMENCING WORK, ESTABLISH LOCATION AND EXTENT OF EXISTING SERVICE LINES IN AREA OF WORK AND NOTIFY CONSULTANT OF FINDINGS. WHERE UNKNOWN SE 21. PROVIDE FOR DEMOLITION OF INCLUDING BUT NOT LIMITED TO, EXISTING WALLS, FLOORS, CEILINGS, ASSOCIATED FINISHES, MECHANICAL AND ELECTRICAL FIXTURES, DEVICES, REMOVAL.
- 22. CONCEAL ALL MECHANICAL AND ELECTRICAL WORK IN WALLS AND CEILINGS, EXCEPT AS INDICATED OTHERWISE OR APPROVED.
- 23. VAPOUR BARRIER TO BE CONTINUOUS UNDER ALL NEW FLOOR SLABS. PATCH ALL CONCRETE CORE TEST AREAS, DEFECTS AND DEMOLITION LOCATIONS.
- 24. ALL SPECIFIED MATERIALS SHALL BE INSTALLED AND FINISHED IN ACCORDANCE WITH MANUFACTURERS WRITTEN INSTRUCTIONS. SHOULD SUCH INSTRUCTIONS DIFFER FROM
- 25. DETAILS MARKED "TYPICAL" SHALL APPLY IN ALL SIMILAR CONDITIONS UNLESS NOTED OR DETAILED OTHERWISE.
- 26. BRING ALL OMISSIONS AND DISCREPANCIES, INCLUDING DIMENSIONS, TO THE ATTENTION OF THE CONSULTANT PRIOR TO COMMENCEMENT OF ANY WORK.
- 27. FULLY COORDINATE ALL ADDITIONAL SUPPORT REQUIRED FOR ANCHORAGE OF MECHANICAL EQUIPMENT OR DUCTS AND ELECTRICAL FIXTURES/EQUIPMENT. PROVIDE SEISMIC I THE PROVINCE OF ONTARIO.
- 28. WALL ASSEMBLIES SHALL EXTEND TO UNDERSIDE OF ROOF OR STRUCTURE ABOVE UNLESS NOTED OR DETAILED OTHERWISE
- 29. REFER TO ELECTRICAL DRAWINGS FOR LOCATION OF ALL ELECTRICAL EQUIPMENT, CONDUIT, LIGHTING AND RECEPTACLE LOCATIONS.
- 30. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF ALL MECHANICAL EQUIPMENT AND PROVISIONS.
- 31. REFER TO STRUCTURAL DRAWINGS FOR LOCATION AND SIZING OF ALL STRUCTURAL ELEMENTS
- 32. DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE NOTED.
- 33. REMOVAL AND DISPOSAL OF HAZARDOUS MATERIALS SHALL BE IN ACCORDANCE WITH LOCAL REGULATIONS AND AUTHORITIES HAVING JURISDICTION.
- 34. UNLESS NOTED OTHERWISE, MAKE GOOD ALL AREAS DISTURBED BY EXCAVATION AND/OR INSTALLATION OF CIVIL, STRUCTURAL, MECHANICAL AND ELECTRICAL SERVICES. REFI 35. PROPER HOARDING AROUND ALL NEW EXTERIOR WORK LOCATIONS TO BE PROVIDED.

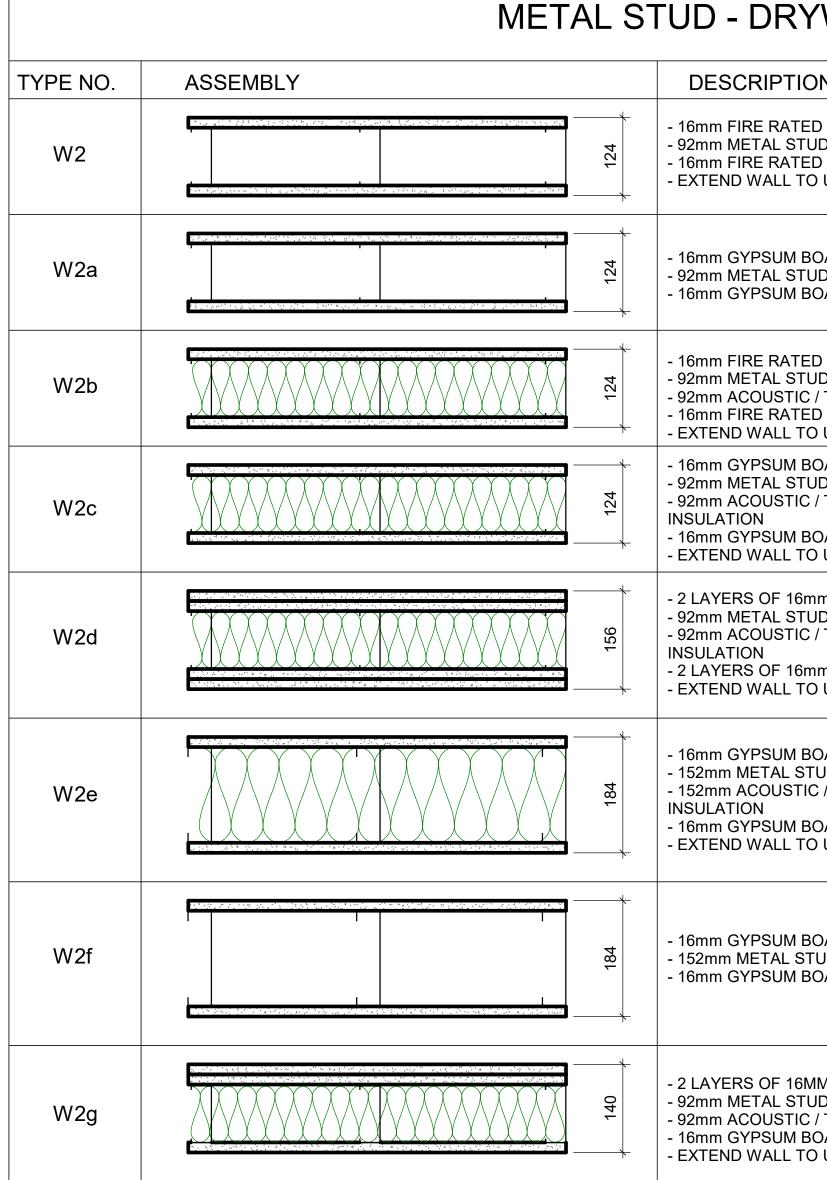
			CLIENT CITY OF TORONTO	
	NEW DOOR NUMBER INDICATION	KEYED NOTE SYMBOLS	Corporate Real Estate Management	
	(100)	1 DEMOLITION WORK	Project Management Office Metro Hall Toronto, ON M5V 3C6	
<u>1</u>	WINDOW NUMBER INDICATION	1 NEW WORK	COPYRIGHT This drawing has been prepared solely for the intended use, thus any reproduc or distribution for any purpose other than authorized by IBI Group is forbidde Written dimensions shall have precedence over scaled dimensions. Contract	n.
	(W101)		shall verify and be responsible for all dimensions and conditions on the job, and Group shall be informed of any variations from the dimensions and condition shown on the drawing. Shop drawings shall be submitted to IBI Group for gen conformance before proceeding with fabrication.	d IBI ns
	LOUVER NUMBER INDICATION	FLOOR FINISH TAG	IBI Group Professional Services (Canada) Inc. is a member of the IBI Group of companies ISSUES No. DESCRIPTION DAT	
	(L101)	CT-1	A 50% SUBMISSION 2022-0 B 90% SUBMISSION 2022-0 C ISSUED FOR PERMIT 2022-0	2-22
	CEILING TAG	REVISION INDICATION	D ISSUED FOR TENDER 2025-0	
	HEIGHT AFF			
	ROOF OR RAMP PITCH INDICATION			
	ROOF OR RAMP SLOPE INDICATION			
RAF	T AND ANY OTHER APPLICABLE REQUIREMENT OF AU	JTHORITIES HAVING JURISDICTION	CONSULTANTS	
TC	ONSULTANT DRAWINGS.			
ING	E SITE CONDITIONS. S FOR EXACT EXTENT OF DEMOLITION. IPONENTS, AND TO FACILITATE PROPER EXECUTION	OF THE WORK.		
JNTE	ED ITEMS.		SEAL	
	MEMBRANE PRODUCTS USED. WALLS AND CEILINGS IN ACCORDANCE WITH OBC. LA	TEST EDITION REQUIREMENTS.		
	TION PROCEDURES ARE PER DIRECTION OF THE INDIC ITINUOUS, AND ALL JOINTS TO BE SMOKE TIGHT. MAIN		PRIME CONSULTANT	
	RIO MATERIAL TO MATCH EXISTING AND. MAINTAIN ALL FI	IRE RATED WALL CONSTRUCTION	100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada	
N TH	E SLAB/WALL/ROOF AND COORDINATE DRILLING/CUT R.	TING TO AVOID CUTTING	tel 416 679 1930 www.arcadis.com	
	CES ARE ENCOUNTERED, IMMEDIATELY ADVISE AND JCTS TO ALLOW FOR NEW WORK TO BE INSTALLED. C		PROJECT TITLE CITY OF TORONTO ACCESSIBILITY UPGRADE	S
			PROJECT ADDRESS	
THE	SPECIFICATIONS OR DETAILS, ADVISE CONSULTANT	IMMEDIATELY FOR DIRECTION.		
RE	STRAINT DRAWINGS STAMPED BY <u>A THIRD PARTY</u> PRO	OFESSIONAL ENGINEER LICENCED IN	PROJECT NO: 9119- 19- 0162 / Arcadis 30279056 DRAWN BY: CHECKED BY: A. BOYNARIAN L. BANDIERA PROJECT MGR: APPROVED BY: F.BOLOURIAN E. FENUTA SHEET TITLE GENERAL NOTES, ABBREVIATIONS & REFERENCE SYMBOLS	
=ER	TO CIVIL, STRUCTURAL, MECHANICAL, AND ELECTRIC	AL DRAWINGS.	SHEET NUMBER ISSU	⊑)



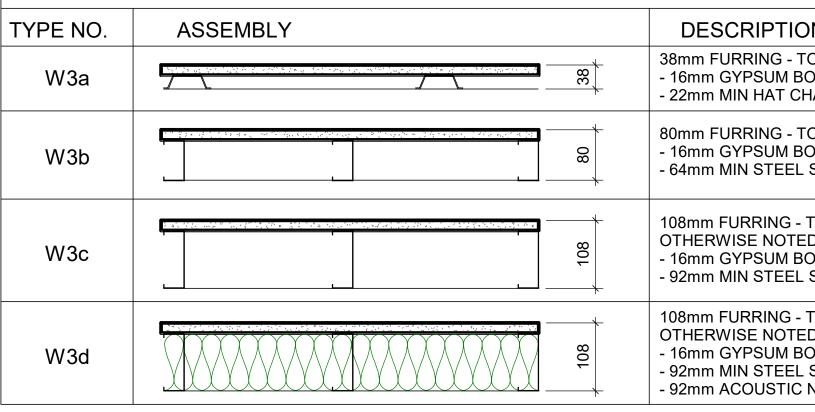
WALL TYPE NOTES:

- ACOUSTIC BATT INSULATION TO EXTEND FULL HEIGHT OF WALL ASSEMBLIES UNLESS NOTED OTHERWISE. 1.
- 2. PROVIDE MOISTURE RESISTANT GYPSUM BOARD ON ALL WALLS OF WASHROOMS, KITCHEN AREAS AND BEHIND DRINKING FOUNTAINS.
- 3. PROVIDE TILE BACKER BOARD BEHIND ALL CERAMIC TILE APPLICATIONS.
- 4. ANY PENETRATIONS THROUGH FIRE RATED WALLS SHOULD BE PROTECTED WITH ULC LISTED FIRE STOPPING.
- 5. 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".
- 6. PROVIDE FIRE BLOCKING IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS VERTICALLY AT THE CEILING AND FLOOR LEVELS AND HORIZONTALLY.
- 7. 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.

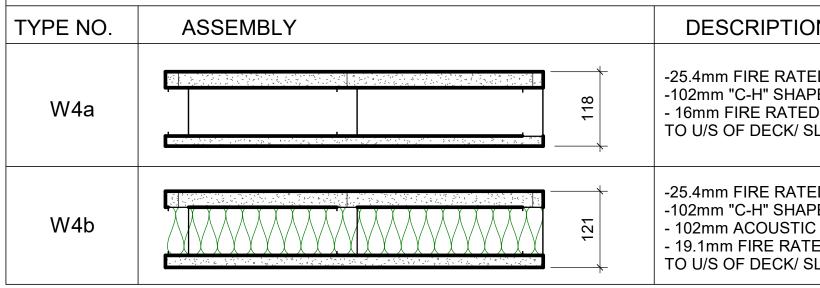
	FRR	STC
Έ		44
Έ	1.0 HR OBC SB-2	46
Έ	2.0 HR OBC SB-2	48
		49
/Ε		51



FURRING WALL TYPES - IN



SHAFT WALL TYPES - INTERNAL

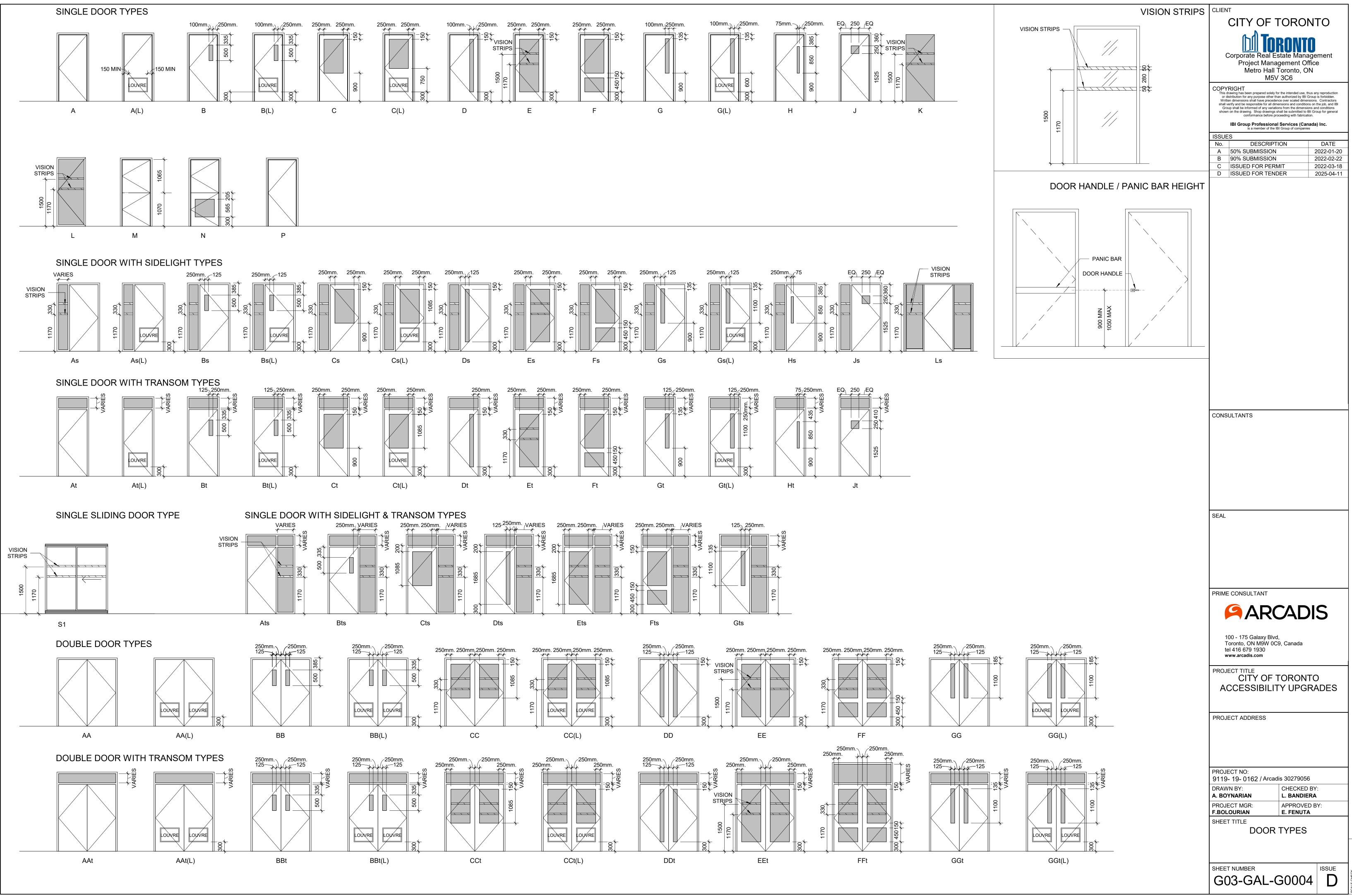


WALL		
DN	FRR	STC
D GYPSUM BOARD JDS @ 400 O.C. D GYPSUM BOARD D U/S OF DECK	1.0 HR ULC W407	38 (OBC S4C)
OARD JDS @ 400 O.C. OARD		
D GYPSUM BOARD JDS @ 400 O.C. MAXIMUM / THERMAL NON COMBUSTIBLE BATT INSULATION D GYPSUM BOARD O U/S OF DECK	1.0 HR ULC W407	45
OARD JDS @ 400 O.C. / THERMAL NON COMBUSTIBLE BATT OARD		45
D U/S OF DECK mm FIRE RATED GYPSUM BOARD JDS @ 400 O.C. MAXIMUM / THERMAL NON COMBUSTIBLE BATT nm FIRE RATED GYPSUM BOARD D U/S OF DECK	2.0 HR ULC W414	55
OARD TUDS @ 400 O.C. C / THERMAL NON COMBUSTIBLE BATT OARD D U/S OF DECK		51 (OBC S7A)
OARD TUDS @ 400 O.C. OARD		
IM GYPSUM BOARD JDS @ 400 O.C. / THERMAL NON COMBUSTIBLE BATT INSULATION OARD O U/S OF DECK		50 (OBC S5B)
TERNAL		
ON O 150mm ABOV FIN. CEILING OARD	FRR	

2IN	FKK
O 150mm ABOV FIN. CEILING OARD IANNEL @ 400 O.C.	
O 150mm ABOV FIN. CEILING OARD STUDS @ 400 O.C.	
TO 150mm ABOV FIN. CEILING UNLESS D DARD STUDS @ 400 O.C.	
TO 150mm ABOV FIN. CEILING UNLESS D OARD STUDS @ 400 O.C. NON COMBUSTIBLE BATT INSULATION	

N	FRR	STC
ED GYPSUM BOARD PED STUD @600 O.C. D GYPSUM BOARD LAB ABOVE	1.0 HR ULC W452	
ED GYPSUM BOARD PED STUD @600 O.C. C / THERMAL NON COMBUSTIBLE BATT INSULATION ED GYPSUM BOARD LAB ABOVE	2.0 HR ULC W508	52

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Metro Hall T M5V	
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shown on the drawing. Shop drawings shown on the drawings on formance before proc	nall be submitted to IBI Group for general
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PROJECT MGR: F.BOLOURIAN	APPROVED BY: E. FENUTA
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GENERAL:

- 1. DO NOT SCALE THE DRAWINGS.
- 2. THE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATIONS, ALL RELATED ARCHITECTURAL, MECHANICAL, ELECTRICAL, PROCESS & CIVIL DRAWINGS, AND OTHER RELEVANT CONTRACT DOCUMENTS.
- 3. CONTRACTOR SHALL PROVIDE COMPLETE SET OF ARCHITECTURAL, MECHANICAL, ELECTRICAL CIVIL & PROCESS DRAWINGS & APPLICABLE SPECIFICATION SECTIONS TO THE STRUCTURAL STEEL, JOIST & METAL FABRICATIONS CONTRACTORS PRIOR TO SUBMISSION OF ANY RELATED SHOP DRAWINGS.
- 4. THE DESIGN AND CONSTRUCTION OF ALL WORK ON THIS PROJECT IS TO CONFORM TO THE 2012 EDITION OF THE ONTARIO BUILDING CODE (REGULATION 332/12).
- 5. THE CONTRACTOR SHALL FIELD CHECK AND VERIFY ALL DIMENSIONS, ELEVATIONS AND CONDITIONS AT THE SITE AND REPORT TO THE ENGINEER ANY DISCREPANCIES OR UNSATISFACTORY CONDITIONS WHICH MAY ADVERSELY AFFECT THE PROPER COMPLETION, COST, SCHEDULE OR QUALITY OF WORK. COMMENCEMENT OF WORK BY THE CONTRACTOR IMPLIES ACCEPTANCE OF THE EXISTING CONDITIONS.
- 6. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, UNDERGROUND UTILITIES AND OTHER EXISTING SERVICES DURING CONSTRUCTION, AND MAKE GOOD ANY DAMAGE RESULTING FROM THE WORK ON THIS PROJECT TO THE SATISFACTION OF THE OWNER AND ENGINEER.
- 7. THE CONTRACTOR SHALL PROVIDE, MAINTAIN AND TAKE RESPONSIBILITY FOR ALL TEMPORARY BRACING AND SHORING.
- 8. TYPICAL DETAILS SHOWN ON DRAWINGS SHALL GOVERN THE WORK. IF DETAILS DIFFER ON OTHER DRAWINGS, THE MOST STRINGENT SHALL GOVERN.
- 9. WORK NOT INDICATED ON A PART OF THE DRAWINGS BUT REASONABLY IMPLIED TO BE SIMILAR TO THAT SHOWN AT CORRESPONDING PLACES SHALL BE REPEATED.
- 10. UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS, THE CORING OR CUTTING OF OPENINGS AND HOLES SHOWN ON THE STRUCTURAL DRAWINGS THROUGH THE EXISTING STRUCTURE SHALL NOT CUT ANY REINFORCING BARS. THE CONTRACTOR SHALL LOCATE THE LOCATION, SIZE, LENGTH, ORIENTATION AND POSITION OF EXISTING REINFORCING AND PROVIDE IBI WITH HARD COPIES OF SUCH FOR OUR REVIEW IN THE VICINITY OF THE HOLES AND SLEEVES TO BE CUT OR CORED, AND THE HOLES AND SLEEVES SHALL BE LOCATED TO AVOID CUTTING OF REINFORCING BARS.
- 11. NEW OPENINGS OR CORING TO BE CUT THROUGH EXISTING FLOOR SLAB OR WALLS SHALL BE CLEARLY MARKED OUT BY THE CONTRACTOR. THE CONTRACTOR SHALL NOTIFY IBI ONCE THE MARKING OUT HAS BEEN COMPLETED SO THAT IBI CAN REVIEW THE PROPOSED LOCATIONS OF ALL NEW OPENINGS. DO NOT PROCEED WITH CUTTING OF NEW OPENINGS WITHOUT THE APPROVAL OF IBI.
- 12. UNLESS NOTED OTHERWISE ON THE DRAWINGS NEW STRAIGHT SIDED OPENINGS THROUGH EXISTING SLABS AND WALLS SHALL BE SAWCUT WITH NO OVERCUTS. USE CORED HOLES AT THE CORNERS. JACKHAMMERING SHALL NOT BE PERMITTED REFER TO THE DETAILS AND PROCEDURES INDICATED ON THE STRUCTURAL DRAWINGS FOR THE NEW OPENINGS. ALTERNATES TO THE ABOVE PROCEDURE MUST BE REVIEWED BY IBI PRIOR TO THE START OF DEMOLITION OR CONSTRUCTION.

DESIGN CRITERIA:

- 1. STRUCTURE HAS BEEN DESIGNED TO RESIST WIND AND SEISMIC LOADS WHICH ARE IN ACCORDANCE WITH THE USER'S GUIDE - NBC 2015 STRUCTURAL COMMENTARIES (PART 4 OF DIVISION B), FOR THE IMPORTANCE CATEGORY STATED IN NOTE #12, THE WIND AND SEISMIC PARAMETERS FOUND IN NOTE #13, AND FOR SITE CLASS D, $F_a = 1.24$, $F_v = 1.55$, $I_E F_a S_a(0.2) = 0.271$ R_d = 1.5, R_o = 1.3 (CONVENTIONAL CONSTRUCTION OF MOMENT-RESISTING FRAMES AND BRACED FRAMES), AND NO IRREGULARITIES, USING STATIC ANALYSIS IN BOTH DIRECTIONS.
- 2. LATERAL LOADS DUE TO WIND AND SEISMIC FORCES ACT THROUGH THE METAL ROOF DECK DIAPHRAGM, AND ARE RESISTED BY MOMENT-RESISTING FRAMES IN THE NORTH-SOUTH DIRECTION AND BY BRACED FRAMES IN THE EAST-WEST DIRECTION.
- 3. ROOF ELEMENTS SUCH AS JOISTS, JOISTS GIRDERS, METAL DECK, ETC. AND THEIR CONNECTIONS TO THE SUPPORTING STRUCTURE ARE TO BE DESIGNED FOR UPWARD SUCTION DUE TO WIND.
- 4. ROOF STRUCTURE (INCLUDING JOISTS AND JOIST GIRDERS) IS TO BE DESIGNED FOR PONDING INCLUDING PONDING INSTABILITY. MAXIMUM DESIGN PONDING DEPTH AT ROOF DRAINS TO BE 150 mm.
- 5. AS A MINIMUM, WIND LOADS SHALL BE CALCULATED ON THE BASIS OF OPEN TERRAIN AND BUILDING CATEGORY 3 AS DEFINED IN THE USER'S GUIDE - NBC 2015 STRUCTURAL COMMENTARIES (PART 4 OF DIVISION B). IF OTHER PROVISIONS OF SAID COMMENTARIES RESULT IN HIGHER WIND LOADS AND/OR MORE STRINGENT WIND EFFECTS, THESE LOADS AND EFFECTS SHALL BE CONSIDERED IN THE DESIGN.
- 6. ALL LOADS SHOWN ON DRAWINGS ARE SPECIFIED (NO LOAD FACTOR APPLIED) LOADS UNLESS NOTED OTHERWISE. HOWEVER, (ULS) IMPORTANCE FACTORS ARE APPLIED, UNLESS NOTED OTHERWISE.
- 7. ALL LOAD EFFECTS (AXIAL FORCES, SHEARS. MOMENTS AND TORSIONS) ARE FACTORED, UNLESS OTHERWISE NOTED.
- 8. DESIGN SPECIFIED (UNFACTORED) DEAD AND LIVE LOADS ARE SHOWN ON THE DRAWINGS.
- 9. STRUCTURES ARE NOT STABLE UNTIL ALL COMPONENTS (INCLUDING BUT NOT LIMITED TO MOMENT CONNECTIONS, BRACING, FLOOR & ROOF DECK AND SHEATHING) ARE CONSTRUCTED.

10. MATERIALS: STRUCTURAL STEEL:	CAN/CSA-G40.20/G40.21.				
COLD-FORMED STEEL:	GRADE 350W FOR W-SECTIONS. GRADE 300W FOR OTHERS. YIELD STRENGTH = 350 MPa MIN.				
HOLLOW STRUCTURAL SECTIONS (HSS):	CONFORM TO CAN/CSA G40-20/G40.21-M GRADE 350W, CLASS C.				
WELDING:	E49XX ELECTRODES.				
BOLTS, NUTS AND WASHERS:	CONFORM TO ASTM A325.				
ANCHOR BOLTS:	CONFORM TO ASTM F1554 GRADE 36, UNLESS NOTED OTHERWISE.				
PRIMER:	SEE SPECIFICATION.				
REINFORCING STEEL:	DEFORMED CONCRETE REINFORCING BARS CONFORMING TO CAN/CSA-G30.18, GRADE 400R OR 400W, UNLESS NOTED OTHERWISE. WHERE WELDABLE REINFORCING STEEL IS SPECIFIED, IT SHALL BE GRADE 400W, UNLESS NOTED OTHERWISE.				
WOOD: LUMBER:	GRADED TO NLGA RULES NO.1/NO.2 S-DRY, UNLESS NOTED OTHERWISE. MSR GRADE FOR TRUSSES AS REQUIRED.				
GLULAM:	CSA 0122 SP GRADE 20FE BENDING STRESS, UNLESS NOTED OTHERWISE. 12CE COMPRESSION STRESS, UNLESS NOTED OTHERWISE.				
PLYWOOD:	CSA 0151 SOFTWOOD EXTERIOR GRADE.				

12. STRUCTURE HAS BEEN ASSIGNED THE 1 IMPORTANCE CATEGORY, AS DEFINED IN THE APPLICABLE EDITION OF THE ONTARIO BUILDING CODE.

WIND	WIND SEISMIC SNOW		RAIN	
q 1/50 = 0.47	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	Ss = 1.2 Sr = 0.4	ONE DAY = 92	

14. THE STRUCTURE HAS BEEN DESIGNED FOR FUTURE EXPANSION AS SHOWN.

CONCRETE:

- APPLICABLE EDITION OF THE FOLLOWING CSA STANDARDS: CSA-A23.1 "CONCRETE MATERIALS AND METHODS OF CONCRETE CONSTRUCTION": CSA-A23.2 "TEST METHODS AND STANDARD PRACTICES FOR CONCRETE"; CSA-A23.3 "DESIGN OF CONCRETE STRUCTURES"; CAN/CSA-G30.18 "BILLET-STEEL BARS FOR CONCRETE REINFORCEMENT"
- 2. UNLESS NOTED OTHERWISE, MINIMUM CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS SHALL BE AS FOLLOWS:
- LEAN CONCRETE FILL
- MUD SLAB . - FOOTINGS.
- PIERS, WALLS & CURBS
- SLABS ON GRADE (INTERIOR) - SLABS ON GRADE (EXTERIOR)
- EXTERIOR APRONS.
- 3. MINIMUM CONCRETE COVER TO REINFORCING BARS:

CONCRETE CLEAR COVER (CSA A23.1						
ONDITION	EXPOSURE CLASS					
	N	F-1	C-1			
RMANENTLY EXPOSED	75 mm	75 mm	75 mm			
MNS AND PILES	30 mm (#1)	40 mm	60 mm			
SHELLS AND FOLDED	20 mm (#1)	40 mm	60 mm			
MIMAL BAR DIAMETER	1.0 (#1)	1.5	2.0			
DMIMAL MAXIMUM	1.0 (#1 & #3)	1.5	2.0			

BEAMS, GIRDERS, COLUMNS AND PILES	

SLABS, WALLS, JOISTS, SHELLS AND FOLD	DED
PLATES	

ATIO	OF	COVER	ΤО	NOM	IMAL	BAR	DIAN	IETEI
±2)								

RATIO OF COVER TO NOM

AGGREGATE SIZE

NOTES:

- SPACE (i.e., MEMBERS ENTIRELY WITHIN THE VAPOUR BARRIER OF THE BUILDING ENVELOPE).
- #2. THE COVER FOR A BUNDLE OF BARS SHALL BE THE SAME AS THAT FOR A SINGLE BAR WITH AN EQUIVALENT AREA.
- #3. THE SPECIFIED COVER FROM SCREEDED SURFACES SHALL BE AT LEAST 1.5 TIMES THE REINFORCEMENT WHERE VARIATIONS IN BAR PLACEMENT RESULT IN A COVER SMALLER THAN SPECIFIED
- 4. DETAIL, BEND, PLACE AND SUPPORT REINFORCING STEEL IN CONFORMANCE WITH THE LATEST RSIC MANUAL OF STANDARD PRACTICE, UNLESS NOTED OTHERWISE.
- 5. ALTERNATE 90° HOOKS OF CROSSTIES END FOR END OVER HEIGHT OF ALL MEMBERS IN WHICN
- CROSSTIES ARE SPECIFIED.
- 6. ALL LAP SPLICES SHALL BE CLASS B TENSION SPLICES. FOR HORIZONTAL REINFORCEMENT THAT WILL BE PLACED IN SUCH A WAY THAT MORE THAN 300 mm OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE SPLICE, BAR LOCATION FACTOR (k/1) EQUAL TO 1.3 SHALL BE APPLIED IN DETERMINING CLASS B TENSION SPLICE LENGTH, IN ACCORDANCE WITH APPLICABLE EDITION OF CSA-A23.3.
- 7. PLAIN (UNREINFORCED) CONCRETE EXPOSED TO DEICING CHEMICALS SHALL MEET EXPOSURE CLASS C-2 IN ACCORDANCE WITH APPLICABLE EDITION OF CSA-A23.1.
- 8. REINFORCED CONCRETE EXPOSED TO CHLORIDES SHALL MEET EXPOSURE CLASSIFICATION C-1 IN SPAN DECK UNITS OVER FOUR OR MORE STRUCTURAL SUPPORTS (MINIMUM 3 CONTINUOUS SPANS) ACCORDANCE WITH APPLICABLE EDITION OF CSA-A23.1. FOR INCREASED RIGIDITY.
- 9. PROVIDE CORROSION INHIBITOR IN ALL CONCRETE OF EXPOSURE CLASS C-1. REFER TO SPECIFICATIONS FOR CORROSION INHIBITOR DOSAGE RATE.
- 10. USE TYPE GU PORTLAND CEMENT FOR ALL CONCRETE, UNLESS NOTED OTHERWISE.
- 11. ALL HORIZONTAL WALL AND GRADE BEAM REINFORCING SHALL BE CONTINUOUS THROUGH PIERS. UNLESS NOTED OTHERWISE, SPLICE TOP BARS AT MID-SPAN AND BOTTOM BARS AT SUPPORTS FOR ALL GRADE BEAMS.
- 12. WHEREVER OPENINGS OCCUR, INTERRUPTING ONE OR MORE REINFORCING BARS, IN SLABS OR WALLS, PROVIDE ADDITIONAL REINFORCING STEEL EQUAL TO THE REINFORCING STEEL DISPLACED BY THE OPENING UNLESS OTHERWISE SHOWN. DISTRIBUTE REINFORCEMENT EQUALLY ON EACH SIDE OF THE OPENING AND EXTENDING THE FULL SPAN LENGTH.
- 13. NO SLEEVES, PIPES, HOLES OR NOTCHES SHALL BE PLACED IN OR THROUGH WALLS, COLUMNS, PIERS, BEAMS, GRADE BEAMS, SLABS, FOOTINGS, OR ANY OTHER CONCRETE MEMBER, EXCEPT AS SHOWN ON THE STRUCTURAL DRAWINGS OR APPROVED BY THE ENGINEER.
- 14. DO NOT PLACE CONCRETE FOOTINGS OR ANY OTHER CONCRETE MEMBER UNTIL ALL DESIGNATED REINFORCING STEEL HAS BEEN PLACED AND INSPECTED AND ANY CONDUITS, PIPING OR OTHER EMBEDDED ITEMS ARE INSTALLED AND VERIFIED.
- 15. MAXIMUM WATER-TO-CEMENTING MATERIALS RATIO (w/cm) SHALL BE 0.55, AND MINIMUM 28-DAY COMPRESSIVE STRENGTH SHALL BE 25 MPa FOR ALL CONCRETE FLOOR SLABS (BOTH SLABS ON GRADE AND SLABS ON DECK).

13. STRUCTURES HAVE BEEN DESIGNED CONSIDERING THE FOLLOWING CLIMATIC AND SEISMIC DATA:

15. NO STRUCTURES HAVE BEEN DESIGNED FOR FUTURE EXPANSION.

1. THE DESIGN AND CONSTRUCTION OF ALL WORK ON THIS PROJECT SHALL CONFORM TO THE

#1. THIS REFERS ONLY TO CONCRETE THAT WILL BE CONTINUALLY DRY WITHIN THE CONDITIONED

NOMINAL MAXIMUM AGGREGATE SIZE TO REDUCE INTERFERENCE BETWEEN AGGREGATE AND

FOUNDATION:

- 1. ALL INT. FOOTINGS SHALL BEAR ON NATIVE MATERIAL OR ENGINEERED FILL WITH MINIMUM SLS BEARING RESISTANCE OF 150 kPa AND MINIMUM ULS BEARING RESISTANCE OF 200 kPa, NOTED OTHERWISE.
- 2. ALL EXT. FOOTINGS SHALL BEAR ON SUITABLE FOUNDING MATERIAL WITH MINIMUM SLS BEARING RESISTANCE OF 150 kPa, MINIMUM ULS BEARING RESISTANCE OF 200 kPa, FRICTION ANGLE OF AT LEAST 35 ° AND MINIMUM FACTORED SLIDING RESISTANCE OF 150 . MAX. ALLOWABLE TOTAL SETTLEMENT TO BE 25 mm. MAX. ALLOWABLE DIFFERENTIAL SETTLEMENT TO BE 25 mm.
- 3. ALL BEARING VALUES AND GEOTECHNICAL INFORMATION ARE BASED ON GEOTECHNICAL REPORT SEE PER BUILDING NOTES IF APPLICABLE
- 4. THE CONTRACTOR SHALL PROTECT SOIL FROM WATER AND FREEZING ADJACENT TO AND BELOW ALL FOOTINGS, GRADE BEAMS AND OTHER CONCRETE POURS WITH MINIMUM 1200 mm SOIL COVER OR EQUIVALENT.
- 5. ALL EXCAVATIONS AND FOUNDING MATERIAL SHALL BE INSPECTED AND APPROVED BY A QUALIFIED SOILS ENGINEER PRIOR TO CONCRETE PLACEMENT.
- 6. THE CONTRACTOR SHALL PROVIDE ALL SHORING WHERE REQUIRED DURING EXCAVATION TO PREVENT CAVE-IN.
- 7. EXCAVATION SHALL NOT EXTEND BELOW A LINE EXTENDING DOWN AND AWAY FROM ANY FOOTING EDGE OR CORNER AT A RATIO OF 7 VERTICAL TO 10 HORIZONTAL.
- 8. ANY OVER EXCAVATION NECESSITATED BY LOCAL SOFT AREAS OR OTHER DELETERIOUS CONDITIONS SHALL BE MADE GOOD WITH 15 MPa LEAN CONCRETE FILL.
- 9. FOUNDATION WALL BACKFILL SHALL BE OPSS TYPE 1 GRANULAR 'B' OR APPROVED FREE-DRAINING, IN-SITU MATERIAL COMPACTED, IN LAYERS NOT TO EXCEED 200 mm, TO 98% STANDARD PROCTOR MAXIMUM DRY DENSITY.
- 10. BACKFILL TO PROCEED SIMULTANEOUSLY ON BOTH SIDES OF FOUNDATION WALLS UNLESS TEMPORARY SUPPORT IS PROVIDED. DO NOT BACKFILL UNTIL CONCRETE HAS ATTAINED 75% OF ITS SPECIFIED 28-DAY COMPRESSIVE STRENGTH.
- 11. CONSTRUCTION JOINTS AND CONTROL JOINTS IN REINFORCED FOUNDATION WALLS SHALL BE LOCATED AT THE EDGE OF PIERS (WHERE PIERS ARE PRESENT). MAXIMUM SPACING OF CONSTRUCTION JOINTS SHALL BE AS REQUIRED, BUT NOT GREATER THAN 20 m. UNLESS NOTED OTHERWISE. MAXIMUM SPACING OF CONTROL JOINTS SHALL BE 6 m, AND 3 m FROM CORNERS.
- 12. FOUNDATIONS SHALL BE CONSTRUCTED AS SHOWN ON THE DRAWINGS, CONTRACTOR SHALL INCLUDE IN THEIR WORK ALL PROVISIONS, INCLUDING BUT NOT LIMITED TO EXCAVATION AND FORMING, AS REQUIRED TO CONSTRUCT FOUNDATIONS THUS.

SLAB ON GRADE & PAD:

- 1. SEE PLAN FOR SLAB ON GRADE & PAD THICKNESS.
- 2. PLACE SLAB ON GRADE ON MIN. 200 mm OPSS GRANULAR 'A' COMPACTED TO 100% STANDARD PROCTOR MAXIMUM DRY DENSITY.
- PRIOR TO PLACING GRANULAR FILL MATERIALS, PROOF-ROLL EXISTING SUB-GRADE TO IDENTIFY INCONSISTENCIES OR SOFT AREAS. PROCEED WITH GRANULAR PLACEMENT ONLY AFTER THESE AREAS HAVE BEEN REWORKED AND COMPACTED TO THE SATISFACTION OF THE SOILS ENGINEER.
- 4. DO NOT PLACE CONCRETE UNTIL ALL ELECTRICAL, MECHANICAL AND PROCESS CONDUITS, PIPING OR OTHER EMBEDDED SERVICES ARE INSTALLED AND VERIFIED.
- 5. AGREE ON LOCATION OF CONSTRUCTION JOINTS WITH ENGINEER PRIOR TO CONSTRUCTION
- 6. PROVIDE SAWCUT CONTROL JOINTS AS SHOWN ON PLANS.
- PROVIDE EXTERIOR COLUMN ISOLATION JOINTS AND SAWCUTTING AS PER DETAILS SHOWN.
- 8. PERFORM SAWCUTTING FOR CONTROL JOINTS USING DRY METHOD (SOFF-CUT SAW) AS SOON AS POSSIBLE AFTER CONCRETE PLACEMENT WITHOUT LEAVING TREAD MARKS, DISLODGING AGGREGATE AND BEFORE UNCONTROLLED SHRINKAGE OCCURS. FILL CONTROL JOINTS. AS SPECIFIED, NO SOONER THAN 120 DAYS AFTER CONCRETE PLACEMENT.
- 9. FLOOR FINISH: SEE SPECIFICATIONS.

METAL DECK:

- ALL METAL DECK SHALL BE NEW AND SHALL BE DESIGNED, FABRICATED AND INSTALLED TO CONFORM TO THE REQUIREMENTS OF THE APPLICABLE EDITION OF CAN/CSA-S136 "NORTH AMERICAN SPECIFICATIONS FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS (USING THE APPENDIX B PROVISIONS APPLICABLE TO CANADA)" AND THE REQUIREMENTS OF THE CANADIAN SHEET STEEL BUILDING INSTITUTE.
- ALL ROOF AND FLOOR DECK SHALL BE DESIGNED AND DETAILED BY A PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE PROVINCE OF ONTARIO, AND SHALL BE OF THICKNESS REQUIRED TO SUPPORT ALL LOADS AND EFFECTS SHOWN ON DRAWINGS BUT SHALL NOT BE LESS THAN THAT SHOWN ON DRAWINGS. AFOREMENTIONED DESIGN SHALL INCLUDE APPLICABLE SEISMIC LOADS & EFFECTS. REFER TO SPECIFICATION FOR COATING.
- 4. DESIGN AND CONNECT METAL EDGE AND CLOSURE STRIPS TO SAFELY RESIST CONSTRUCTION LOADS AND PREVENT THE LOSS OF CONCRETE/GROUT WHEN DECK IS CONCRETED.
- 5. PLACE DECK IN ACCORDANCE WITH MANUFACTURER'S SHOP DRAWINGS. END LAPS SHALL ALWAYS OCCUR OVER SUPPORTS. SIDE LAPS SHALL BE ON HALF CORRUGATION. MINIMUM ROOF DECK END LAP IS 50 mm FOR WELDED ATTACHMENT
- 6. ALL CONNECTIONS OF ROOF DECK TO SUPPORTING STRUCTURE SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE PROVINCE OF ONTARIO TO RESIST ALL LOADS AND EFFECTS SHOWN ON DRAWINGS, BUT SHALL NOT BE LESS THAN THAT SHOWN ON DRAWINGS.
- 7. ATTACH DECK UNITS TO TOP OF SUPPORTS BY FUSION WELDS WITH A MINIMUM EFFECTIVE DIAMETER OF 19 mm. MAXIMUM SPACING OF FUSION WELDS AND SIDE LAP BUTTON CLINCH SHALL **BE AS FOLLOWS:** - WELDS AT 150 C/C (EACH FLUTE) TRANSVERSE TO SPAN OF DECK AND AROUND
- PERIMETER. - LONGITUDINAL WELDS @ 600 C/C
- SIDE LAP BUTTON CLINCH @ 300 C/C
- FIELD CUTTING OF DECK UNITS SHALL BE DONE IN WORKMANLIKE MANNER. CUT OPENINGS AND REINFORCE EDGES AS REQUIRED FOR PIPES, DUCTS, ETC. THE MAXIMUM SIZE OF AN UNREINFORCED OPENING IS 150 mm SQUARE OR IN DIAMETER. ROOF OPENINGS LARGER THAN 450 mm WIDE AND FLOOR OPENINGS LARGER THAN 300 mm WIDE SHALL BE SUPPORTED BY STEEL FRAMING.
- 9. DESIGN METAL ROOF DECK FOR MAXIMUM LIVE, SNOW AND RAIN LOAD DEFLECTIONS OF L/360.

MASO

- 1. THE DESIG APPLICAB G30.18. PF CSA STAN
- 2. PROVIDE LOCATION VERTICAL CONTROL OPENING GREATER OR OTHER
- 5. FOR HIGH OF 200 mn
- 4. MASONRY
- 5. PROVIDE REINFOR BED JOIN CLASS B CORNER MINIMUM
- 6. REFER TC 7. PROVIDE ALL REINF
- CANTILEV 8. PROVIDE
- 9. LAP ALL 1 10. UNLESS N BETWEEN THIS REQ
- ON STEEL 11. WHERE P REINFORG ITEMS SH LOCATED JOINT REI REQUIREN (INCLUDIN BE DAMA
- 12. MORTAR CAN/CSA-
- 13. HOLLOW COMPRES
- 14. ALL INTER EQUIVALE
- 15. A MINIMUN WALLS IN MASONRY
- 16. CONCRET 200mm UN
- 17. PROVIDE REINFOR
- 18. PROVIDE SPECIFIED OPENING
- 19. PROVIDE TO THAT

	CLIENT
<u>IASONRY:</u>	
THE DESIGN AND CONSTRUCTION OF ALL WORK ON THIS PROJECT IS TO CONFORM TO APPLICABLE EDITION OF CSA STANDARDS CSA-S304.1, CSA-A370, CSA-A371, CSA-A179 AND CAN/CSA- G30.18. PROVIDE TYPE S MORTAR IN ACCORDANCE WITH APPLICABLE EDITION OF	Toronto
CSA STANDARD CSA-A179. PROVIDE STANDARD, HOLLOW 15 MPa CONCRETE BLOCK UNITS UNLESS NOTED OTHERWISE. AT	Corporate Real Estate Management Project Management Office
LOCATIONS WHERE VERTICALLY-REINFORCED MASONRY IS SPECIFIED, PROVIDE ONE ADDITIONAL VERTICAL BAR OF SIZE EQUAL TO DISTRIBUTED VERTICAL REINFORCING, FULL HEIGHT AT EACH SIDE OF	Metro Hall Toronto, ON M5V 3C6
CONTROL JOINTS, AND AT CORNERS, INTERSECTIONS, ENDS OF WALLS AND TO EACH SIDE OF ALL OPENINGS, UNLESS NOTED OTHERWISE. PROVIDE 2 ADDITIONAL BARS WHERE OPENING WIDTH IS GREATER THAN 1200 mm. PROVIDE MATCHING DOWELS TO FOOTING, SLAB THICKENING, SLAB ON DECK	COPYRIGHT This drawing has been prepared solely for the intended use, thus any reproduction or distribution for any purpose other than authorized by Arcadis is forbidden. Written dimensions shall have precedence over scaled dimensions. Contractors chall write, and be responsible for all dimensions and conditions on the lob, and
OR OTHER SUPPORTING STRUCTURE, FOR ALL VERTICAL WALL REINF. (TYP. U/N). FOR HIGH-LIFT GROUTING, PROVIDE CLEAN-OUT HOLES IN BOTTOM COURSE AND MINIMUM SLUMP OF 200 mm.	shall verify and be responsible for all dimensions and conditions on the job, and Arcadis shall be informed of any variations from the dimensions and conditions shown on the drawing. Shop drawings shall be submitted to Arcadis for general conformance before proceeding with fabrication. Arcadis Professional Services (Canada) Inc.
MASONRY GROUT SHALL BE FINE GROUT, AND SHALL BE PROPORTIONED ACCORDING TO, AND MEET ALL REQUIREMENTS OF APPLICABLE EDITION OF CSA-A179.	ISSUES No. DESCRIPTION DATE
PROVIDE CONTINUOUS, HORIZONTAL, STANDARD LADDER-TYPE HORIZONTAL JOINT REINFORCEMENT @ 400 mm C/C, IN BOTTOM TWO BED JOINTS, TOP TWO BED JOINTS AND FIRST	A 50% SUBMISSION 2022-04-27 B 90% SUBMISSION 2022-07-29
BED JOINT ABOVE AND BELOW ALL WALL OPENINGS. ALL SUCH REINF. SHALL BE SPLICED USING CLASS B TENSION LAP SPLICES (AS DEFINED IN APPLICABLE EDITION OF CSA-S304.1). PREFABRICATED CORNER AND INTERSECTION JOINT REINFORCING PIECES SHALL BE USED. MINIMUM WIRE DIAMETER TO BE 3.65 mm.	CISSUED FOR PERMIT2022-07-29DISSUED FOR TENDER2022-12-09EISSUED FOR TENDER2025-04-11
REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION OF ALL MASONRY WALLS. PROVIDE VERTICAL REINFORCING IN ALL MASONRY WALLS AS PER TABLE ON SPECIFIC BLD. DRAWING	
ALL REINFORCED CORES SHALL BE GROUTED SOLID FOR FULL HEIGHT OF WALLS. VERTICALLY- CANTILEVERED WALLS SHALL BE CONSTRUCTED OF SOLID-GROUTED MASONRY.	
PROVIDE VERTICAL REINFORCING AT EACH LATERAL SUPPORT LOCATION (SEE BLD. SPECIFIC DRW.) LAP ALL 15M BARS 675 mm MINIMUM. LAP ALL 20M BARS 850 mm MINIMUM.	
. UNLESS NOTED OTHERWISE, MINIMUM CLEARANCE OF XX mm SHALL BE PROVIDED BETWEEN MASONRY WALLS AND STEEL COLUMNS, BEAMS, GIRDERS, JOIST AND GIRTS.	
BETWEEN MASONRY WALLS AND STEEL COLUMNS, BEAMS, GIRDERS, JOIST AND GIRTS. THIS REQUIREMENT DOES NOT APPLY WHERE MASONRY IS INTENDED (BY DESIGN) TO BEAR ON STEEL MEMBER.	
. WHERE POST-INSTALLED ANCHORS ARE INSTALLED IN MASONRY ELEMENTS/MEMBERS, EXISTING REINFORCING STEEL (INCLUDING HORIZONTAL BED JOINT REINFORCING), CAST-INS AND EMBEDDED ITEMS SHALL BE ACCURATELY LOCATED, AND EDGE OF ANCHOR HOLES SHALL BE LOCATED A DISTANCE AWAY FROM EXISTING REINFORCING STEEL (INCLUDING HORIZONTAL BED	
JOINT REINFORCING), CAST-INS END EMBEDDED ITEM SUCH THAT AT LEAST MINIMUM CONCRETE COVER REQUIREMENTS (SEE MASONRY NOTE #1) ARE MET. EXISTING REINFORCING STEEL (INCLUDING HORIZONTAL BED JOINT REINFORCING), CAST-INS AND EMBEDDED ITEMS SHALL NOT BE DAMAGED ANCHORING ACTIVITIES, INCLUDING DRILLING.	
. MORTAR SHALL BE TYPE :S: PREPARED BY PROPORTION SPECIFICATION IN ACCORDANCE WITH CAN/CSA-A179.	
. HOLLOW CONCRETE BLOCK MASONRY WITH MORTAR TYPE "S" SHALL HAVE A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF 12.5 MPa - f'm.	
. ALL INTERSECTING MASONRY WALLS TO HAVE MASONRY BOND OR HEAVY DUTY (BLOCK-LOCK) OR EQUIVALENT AT 200mm VERTICALLY MAXIMUM.	
. A MINIMUM 50 mm WIDE ISOLATION JOINT SHALL BE PROVIDED AT ALL LOCATIONS WHERE MASONRY WALLS INTERSECT VERTICAL FACES OF CONCRETE STRUCTURE. NO POSITIVE CONNECTION BETWEEN MASONRY MASONRY WALLS AND VERTICAL FACES OF CONCRETE STRUCTURE SHALL BE MADE.	CONSULTANTS
. CONCRETE AND STEEL BEAMS BEARING ON MASONRY WALLS SHALL HAVE A MINIMUM BEARING OF 200mm UNLESS OTHERWISE NOTED ON PLAN.	
. PROVIDE 15M DOWELS WITH 150 mm MIN. EMBEDMENT TO THE EXISTING SLAB TO MATCH ALL VERTICAL REINFORCING, UNLESS NOTED OTHERWISE. SCAN EXISTING SLAB PRIOR TO DOWEL INSTALLATION.	
. PROVIDE LINTELS OVER ALL OPENINGS AND RECESSES FOR MECHANICAL AND ELECTRICAL TRADES AS SPECIFIED ON PLANS. SEE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR LOCATIONS AND SIZES OF	
OPENINGS AND RECESSES. . PROVIDE VERTICAL REINFORCEMENT IN ALL NON-LOAD BEARING CMU WALLS AS FOLLOWS IN ADDITION	
TO THAT NOTED IN (2): WALL THK. MAX HEIGHT. REINFORCEMENT. 140mm 4200mm 15M@600	
190mm 5500mm 15M@600 240mm 6000mm 15M@600	SEAL
	PRIME CONSULTANT
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	100 - 175 Galaxy Blvd, Toronto, ON M01/1 000, Conodo
	Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com
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	PROJECT ADDRESS
	PROJECT NO:
	9119- 19- 0162 / Arcadis 30279056 DRAWN BY: CHECKED BY:
	G. POULOUM. FAYAZIPROJECT MGR:APPROVED BY:N. FRISCICK. ANGER
	N. FRISCIC K. ANGER SHEET TITLE
	STRUCTURAL - GENERAL NOTES
	SHEET NUMBER ISSUE
	G03-GAL-G2000 E

REINFORCING STEEL

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

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

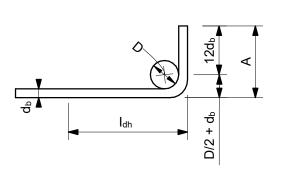
REFERENCE: CAN/CSA A23.3-14

db= MAX. OF NORMAL AND ACTUAL BAR DIAMETER * HORIZONTAL TOP BARS WITH MORE THAN 300mm OF FRESH CONCRETE POURED BELOW THE BARS. AND WALL HORIZONTAL REINFORCEMENT. ** HORIZONTAL BARS WITH NOT MORE THAN 300mm OF FRESH CONCRETE POURED BELOW THE BARS, VERTICAL BARS.

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

STANDARD 90° HOOK DIMENSION

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



90° HOOK SEE A23.3

*** SEE A23.1, TABLE 16 **** SEE A23.3, §12.5.1, §12.5.3 (b) = $0.7 \times 100 d_b / fc^{0.5} > 150 \text{ OR 8 } d_b$.

STRUCTURAL STEEL:

- CSA STANDARDS: - W47.1 FOR QUALIFICATIONS OF WELDERS
- A MINIMUM OF TWO BOLTS

- DRAWINGS.
- 15.

1. THE DESIGN AND CONSTRUCTION OF ALL WORK IN THIS PROJECT SHALL CONFORM TO THE APPLICABLE EDITION OF CAN/CSA-S16.

2. ALL SHOP CONNECTIONS SHALL BE WELDED. ALL FIELD CONNECTIONS SHALL BE WELDED OR BOLTED USING HIGH TENSILE-STRENGTH BOLTS, BEARING TYPE. WHERE APPLICABLE, AND UNLESS NOTED OTHERWISE, CONNECTIONS SHALL BE CISC DOUBLE ANGLE BEAM CONNECTIONS FOR A325 BOLTS AND E49XX FILLET WELDS, MINIMUM SIZE OF BOLTS - M20 DIAMETER.

3. ALL WELDING SHALL BE CARRIED OUT IN ACCORDANCE WITH APPLICABLE EDITION OF FOLLOWING

- W48.1 TO W48.7 FOR ELECTRODES - W59 FOR DESIGN AND WORKMANSHIP

4. ALL COLUMN ENDS SHALL BE SAWCUT AND WELDED TO BASE/CAP PLATES.

5. ALL COLUMNS TO HAVE ANGLES AT TOP TO SUPPORT STEEL DECK WHERE REQUIRED.

6. BRACING MEMBERS SHALL BE CONNECTED FOR THE FOLLOWING (WHICHEVER IS LARGER): - 50% OF THE NOMINAL TENSION CAPACITY OF THE MEMBER BASED ON GROSS AREA - FORCES AS SHOWN ON THE DRAWINGS

7. FOR DOUBLE-ANGLE BRACING (E.G. CROSS-BRACING), ANGLES SHALL HAVE INTERCONNECTING BATTENS AND/OR SPACERS SUCH THAT SLENDERNESS RATIO OF INDIVIDUAL ANGLES (BASED ON LEAST RADIUS OF GYRATION OF INDIVIDUAL ANGLES) DOES NOT EXCEED SLENDERNESS RATIO OF BUILT-UP (DOUBLE-ANGLE) MEMBER.

8. THE CONTRACTOR SHALL SUPPLY, INSTALL, MAINTAIN AND REMOVE ANY TEMPORARY BRACING REQUIRED DURING CONSTRUCTION.

9. FORCES ARE DESIGNATED BY (+) FOR TENSION AND (-) FOR COMPRESSION.

10. CONNECTIONS FOR BEAMS, GIRDERS AND JOISTS SUBJECT TO AXIAL FORCES SHALL BE DESIGNED FOR THE AXIAL FORCES IN ADDITION TO THE SHEAR FORCES, MOMENT FORCES/EFFECTS AND TORSION FORCES/EFFECTS. FORCES INDICATED ARE FACTORED AND IN kN. MOMENTS AND TORSIONS INDICATED ARE FACTORED AND IN kN-m.

11. ALL EXTERIOR STEEL, AND STEEL THAT IS NOT IN A TEMPERATURE AND HUMIDITY CONTROLLED ENVIRONMENT, SHALL BE HOT-DIPPED GALVANIZED (BOTH STRUCTURAL STEEL AND MISCELLANEOUS STEEL). THIS SHALL INCLUDE NUTS, BOLTS, WASHERS, BASE PLATES, LEVELING PLATES, ANCHOR BOLTS AND ANCHORS.

12. FILLER BEAMS AND JOISTS SHALL BE PLACED EQUALLY BETWEEN ESTABLISHED DIMENSIONS, UNLESS NOTED OTHERWISE.

13. PROVIDE WELDED STIFFENER PLATES ON BOTH SIDES OF THE WEB OF BEAMS AND GIRDERS AT POINTS OF CONCENTRATED LOAD, INCLUDING BEAMS AND GIRDERS SUPPORTING COLUMNS OR RUNNING OVER TOPS OF COLUMNS. MINIMUM STIFFENER PLATE THICKNESS SHALL BE 10 mm OR FLANGE THICKNESS OF COLUMNS ABOVE OR BELOW, WHICHEVER IS GREATER. MINIMUM SIZE OF WELD SHALL BE 5 mm DOUBLE FILLET WELD, OR SHALL BE SUFFICIENT TO DEVELOP THE FULL STRENGTH OF THE STIFFENER, WHICHEVER IS GREATER.

14. FOR LOCATIONS OF DOOR FRAMES, WALL OPENINGS, ROOF AND FLOOR OPENINGS, ETC., AND RELATED DETAILS, SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PROCESS & CIVIL

SHOWN ON PLANS DENOTES AXIAL LOADS ALONG BEAMS AND GIRDERS DUE TO WIND OR EARTHQUAKE LOADS. DESIGN BEAM-TO-BEAM, BEAM-TO-GIRDER AND GIRDER-TO-GIRDER CONNECTIONS, AS WELL AS BEAM-TO-COLUMN AND GIRDER-TO-COLUMN CONNECTIONS FOR THESE LOADS IN COMBINATION WITH APPLICABLE GRAVITY LOADS.

16. PERIMETER ROOF ANGLE SHALL BE CONTINUOUS AND BUTT WELDED TOGETHER AT JOINTS. ENSURE CONNECTION OF PERIMETER ANGLE TO SUPPORTING STRUCTURE IS SUFFICIENT TO RESIST MAXIMUM UNIT SHEAR FROM DECK DIAPHRAGM. REFER TO ROOF-DIAPHRAGM SHEAR DIAGRAM ON DRAWINGS

17. ALL WELDABLE REINFORCING STEEL ANCHORS SHALL BE WELDED TO BASE PLATES/BEARING PLATES TO FULLY DEVELOP BARS IN TENSION.

18. REFER TO SPECIFICATIONS FOR BEAM AND GIRDER CAMBER REQUIREMENTS.

ABBR

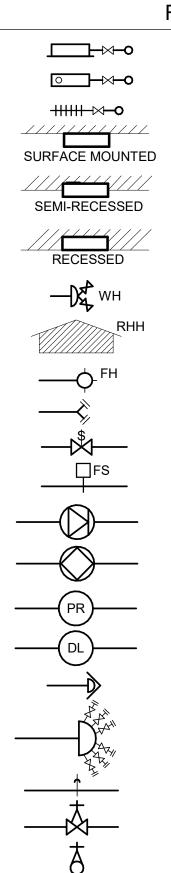
AB ADD ADJ AFF AHU ALT ANC APPROX ARCH ASTM B/B BC BET BLDG BLK BM BOF BOS BOT BRCG BRG BRKT BSMT CA CB C/C CERT CHKD PL CIP CJ CL CLJ CLR COL CONC CONN CONSTR CONT CONTR CSA СТ CTR C/W DET DIA DIAG DIM DL DO DWG DWL EA EF EL ELEC EMB EQ EQPT EW EXP EΧ EXT FDN FDNC FIN FI FLG FTG FUT GA GC GALV GENL GOL GR GRT н HEF HGR HGT ΗH HIF HOF HORIZ

/IATIONS:			
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addendum adjacent	ID ir	nside diameter	Corporate Real Estate Management
above finished floor	IF ir	nside face	Project Management Office Metro Hall Toronto, ON
air handling unit alternate	INCL ir	nches nclude	M5V 3C6
anchor approximate		nformation bint	COPYRIGHT This drawing has been prepared solely for the intended use, thus any reproduction
architectural American Society	kN k	ilonewton ilonewton meter	or distribution for any purpose other than authorized by Arcadis is forbidden. Written dimensions shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job, and
for Testing and Materials	kPa k	ilopascal	Arcadis shall be informed of any variations from the dimensions and conditions shown on the drawing. Shop drawings shall be submitted to Arcadis for general conformance before proceeding with fabrication.
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oracing	LS lo	ouver sill	D ISSUED FOR TENDER 2022-12-09
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column below	MEZZ n	nezzanine	
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Canadian Standards Association	PROJ p	rojection	
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norizontal inside face norizontal outside face	WS w	/all plate /ater stop	
norizontal		veight velded wire fabric	
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			100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada
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			PROJECT MGR:APPROVED BY:N. FRISCICK. ANGER
			SHEET TITLE
			STRUCTURAL - GENERAL
			STRUCTURAL - GENERAL NOTES, SYMBOLS &
			STRUCTURAL - GENERAL
			STRUCTURAL - GENERAL NOTES, SYMBOLS & ABBREVIATIONS
			STRUCTURAL - GENERAL NOTES, SYMBOLS &

PLUMBING & DRAINAGE

PLUM	IBING & DRAINAGE
DCW	DOMESTIC COLD WATER
————— DHW ————	DOMESTIC HOT WATER
— DHWR —	DOMESTIC HOT WATER RECIRCULATION
NPW TW	
IW	IRRIGATION WATER
BRIN	
CHEM	CHEMICAL WATER SOFT WATER
SAN	SANITARY DRAIN - ABOVE GRADE
SAN	
SAN-P	PUMPED SANITARY DRAIN STORM DRAIN - ABOVE GRADE
STM	
STM-P	
PW-P	
W	WEEPER DRAIN (SUB-DRAIN)
V	
COND DRAIN	
🖉 FD-A	FLOOR DRAIN (LETTER
	INDICATES TYPE SEE PURNELGAUOR ⁾ DRAIN (LETTER
O FFD-A	INDICATES TYPE SEE
	SPECIFICATION) ROOF DRAIN (CONVENTIONAL)
Ý	FUNNEL DRAIN - ELEVATION
	HOSE BIBB
	HYDRANT - NON-FREEZE
$-\!$	SHOWER HEAD
%	PITCH-INDICATES DOWN SLOPE
	CLEANOUT - ABOVE GRADE
<u> </u>	CLEANOUT - ABOVE GRADE
	CLEANOUT - BELOW GRADE
© CO	CLEANOUT - BELOW GRADE
Ţ	RUNNING TRAP
BFP	BACKFLOW PREVENTOR
<u> </u>	BACK WATER VALVE (FOR SEWAGE)
	BACKFLOW PREVENTER
Ž.	(ANTI-SIPHON DEVICE 25mm & LARGER)
	BACKFLOW PREVENTER
	(ANTI-SIPHON DEVICE UNDER 25mm)
	WATER CLOSET (WALL HUNG, FLUSH VALVE)
$[]\bigcirc$	WATER CLOSET (FLOOR MOUNTED, FLUSH TAN
\sim	URINAL (WALL HUNG, FLUSH VALVE)
	LAVATORY (WALL HUNG)
	LAVATORT (WALL HONG)
\bigcirc	LAVATORY (COUNTER TOP)
0	SERVICE SINK
(\Box)	GROUP WASHFOUNTAIN
DFC-1	DRINKING FOUNTAIN COOLER (NUMBER INDICATES TYPE - SEE SPECS.)
	(NUMBER INDICATES TITE - SEE SPECS.)
ESS	SAFETY SHOWER & EYE WASH STATION
©⊙ EW	EYE WASH STATION
VM	VENDING MACHINE
CB1	600 X 600 X 700 (H) CATCH BASIN
CB2	IN LINE C.B.
	TRENCH DRAIN WITH CONTINUOUS SLOPE
FIR	RE PROTECTION
FP	FIRE STANDPIPE SPRINKLER PIPE
DFP	DRY FIRE STANDPIPE
DSP	DRY SPRINKLER PIPE
PREACTION PREACTION	PRE-ACTION PIPE DELUGE PIPE
DELOGE CAG	DRY SPRINKLER PIPE
•	PENDENT SPRINKLER HEAD
0	UPRIGHT SPRINKLER HEAD
 ● ● 	
$-\nabla$	SIDEWALL SPRINKLER HEAD
×	EXISTING SPRINKLER HEAD TO BE REMOVED
A	

/B	ING & DRAINAGE
	DOMESTIC COLD WATER
	DOMESTIC HOT WATER DOMESTIC HOT WATER RECIRCULATION
	NON-POTABLE WATER
	TEMPERED HOT WATER IRRIGATION WATER
	BRINE WATER
	CHEMICAL WATER SOFT WATER
	SANITARY DRAIN - ABOVE GRADE
	SANITARY DRAIN - BELOW GRADE
	STORM DRAIN - ABOVE GRADE
	STORM DRAIN - BELOW GRADE PUMPED STORM DRAIN
	PROCESS DRAIN - ABOVE GRADE
	PROCESS DRAIN - BELOW GRADE PUMPED PROCESS DRAIN
	WEEPER DRAIN (SUB-DRAIN)
	VENT CONDENSATE DRAIN
	OVERFLOW DRAIN
	FLOOR DRAIN (LETTER INDICATES TYPE SEE
	PURNELGAUOR) INDICATES TYPE SEE
	SPECIFICATION) ROOF DRAIN (CONVENTIONAL)
	FUNNEL DRAIN - ELEVATION
	HOSE BIBB
	HYDRANT - NON-FREEZE
	SHOWER HEAD PITCH-INDICATES DOWN SLOPE
	CLEANOUT - ABOVE GRADE
	CLEANOUT - ABOVE GRADE
	CLEANOUT - BELOW GRADE
	CLEANOUT - BELOW GRADE
	RUNNING TRAP
	BACKFLOW PREVENTOR
	BACK WATER VALVE (FOR SEWAGE) BACKFLOW PREVENTER
	(ANTI-SIPHON DEVICE 25mm & LARGER)
	BACKFLOW PREVENTER (ANTI-SIPHON DEVICE UNDER 25mm)
	WATER CLOSET (WALL HUNG, FLUSH VALVE)
	WATER CLOSET (FLOOR MOUNTED, FLUSH TANK)
	URINAL (WALL HUNG, FLUSH VALVE)
	LAVATORY (WALL HUNG)
	LAVATORY (COUNTER TOP)
	SERVICE SINK
	GROUP WASHFOUNTAIN
	DRINKING FOUNTAIN COOLER (NUMBER INDICATES TYPE - SEE SPECS.)
	SAFETY SHOWER & EYE WASH STATION
	EYE WASH STATION
	VENDING MACHINE
	600 X 600 X 700 (H) CATCH BASIN
	IN LINE C.B.
	TRENCH DRAIN WITH CONTINUOUS SLOPE
ΥЬ	PROTECTION
	FIRE STANDPIPE SPRINKLER PIPE
	DRY FIRE STANDPIPE
	DRY SPRINKLER PIPE PRE-ACTION PIPE
I	DELUGE PIPE
-	DRY SPRINKLER PIPE
ę	SIDEWALL SPRINKLER HEAD



MECHANI

FIRE PROTECTION

FIRE HOSE CABINET

FIRE HOSE REEL FIRE HOSE HANGER

FIRE HOSE CABINET (FHC)

FIRE HOSE CABINET (FHC)

FIRE HOSE CABINET (FHC)

WALL HYDRANT

ROOF HOSE HOUSE

FIRE HYDRANT

FIRE DEPARTMENT CONNECTION

SUPERVISED VALVE

FLOW SWITCH

SPRINKLER ALARM CHECK WET VALVE

SPRINKLER ALARM CHECK DRY VALVE

PREACTION SPRINKLER ALARM CHECK

DELUGE SPRINKLER ALARM CHECK VAL

ALARM GONG

HOSE HEADER 6 x 62Ø c/w HOSE CAP

POST INDICATOR VALVE

O.S. & Y. VALVE

O.S. & Y. VALVE-IN RISER

INSPECTORS TEST CONNECTION

MECHANICAL PIPING

MEC	
X-YYY	"X" PIPE SIZE NPS
HWS	
	HEATING WATER RETURN
	HEATING / CHILLED WATER SUPPLY
	HEATING / CHILLED WATER RETURN
GLY-HWS	
GLY-HWR	
CHWS	CHILLED WATER SUPPLY
CHWR	CHILLED WATER RETURN
PCHWS	PROCESS CHILLED WATER SUPPLY
PCHWR	PROCESS CHILLED WATER RETURN
CTWS	COOLING WATER SUPPLY
CTWR	COOLING WATER RETURN
———— HPST ————	HIGH PRESSURE STEAM
LPST	HIGH PRESSURE STEAM
S.COND	STEAM CONDENSATE
	PUMPED STEAM CONDENSATE
RefL	REFRIGERANT LIQUID
RefG	REFRIGERANT GAS
FUEL	FUEL PIPE
FOS	
FOR	
FOV	
н	
ENGINE OIL	
SOL 'B'	
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	MACHINE COOLANT SUPPLY (HIGH PRES
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<u> </u>	NEW PIPING / DUCTWORK

🕞 FE

FE&CAB

EXPOSED FIRE EXTINGUISHER

FIRE EXTINGUISHER WITH CABINET

Image: Second	CA	٩L	LEGEND	AN	JD SY	M	BOLS)
No. Description Section of the section		VALVE	S, FITTINGS AND SPECIALTIES	VA	ALVES, FITTINGS AN	ND SPECIA	LTIES	
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Hermitian FLEXIBLE CONNECTION Image: Superior and Diffuse (See Superior and Diffuse (Se		\neg	PIPE CAP WELDED				ATTENDATOR	
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Image: Wain with the sight glass Image: Wain with glass Image: Wa		-			DAMPER ACTUATOR		VOC SENSOR	
MAIN GAUGE GLASS III TEMPERATURE SENSOR NO2 SENSOR E. MAIN OR <p< td=""> PRESSURE GAUGE F.I F.I</p<>								
MAIN DRIP PAN ELBOW F.I V THERMOMETER-STEM TYPE F.I V OR P PRESSURE GAUGE HV II THERMOSTAT GAUGE HV					TEMPERATURE SENSOR	NO2	NUZ SENSOR	
MAIN CORP PRESSURE GAUGE THERMOSTAT GAUGE F. F. HV			DRIP PAN ELBOW					
Image: Ward of the source o		v	THERMOMETER-STEM TYPE					
THERMOSTAT GAUGE	MAIN	\bigcirc or \bigcirc	PRESSURE GAUGE					
		Ţ	THERMOSTAT GAUGE					
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	CLIENT
	CITY OF TORONTO
HEATING, VENTILATION AND AIR CONDITIONING	Corporate Real Estate Management
IR DISTRIBUTION BOXES REGISTERS AND GRILLES	Project Management Office Metro Hall Toronto, ON
400 AIR <u>TYPE (SEE SIZE L/s TOTAL</u>	M5V 3C6
→ DISTRIBUTION BOX (AIR XX-400x500-450	COPYRIGHT This drawing has been prepared solely for the intended use, thus any reproduction or distribution for any purpose other than authorized by Arcadis is forbidden.
200 QUANTITIES AS 400 INDICATED)	Written dimensions shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job, and Arcadis shall be informed of any variations from the dimensions and conditions
DIFFUSERS	shown on the drawing. Shop drawings shall be submitted to Arcadis for general conformance before proceeding with fabrication. Arcadis Professional Services (Canada) Inc.
AIR DISTRIBUTION BOX (AIR AIR DISTRIBUTION BOX (AIR AIR DISTRIBUTION BOX (AIR AIR DISTRIBUTION BOX (AIR	ISSUES
QUANTITIES EQUAL IN ALL DIEACTIONS)	No. DESCRIPTION DATE
ÍNEAR DIFFUSER	B 90% SUBMISSION 2022-07-29
LENGTH No OF SLOTS PATTERN AIR PLENUM	CISSUED FOR PERMIT2022-07-29DISSUED FOR TENDER2025-04-11
LENGTTA=1/2" SLOT1=1 WAYQUANTITYSIZEB=3/4" SLOT2=2 WAY[L/s]	
D=DOWNBLAST	
3000-3A-D-250-200X150	
INNED TUBE LINEAR CONVECTORS	
TYPE FINNED ENCLOSURE KW LENGTH HEIGHT L	
A-900-600-0.9	
	-
EQUIPMENT IDENTIFICATION	
AC AIR CONDITIONING AIR COOLED CONDENSING UNIT	
BS BOILER (STEAM) BOILER (HOT WATER)	
C AIR COMPRESSOR CAC COMPUTER ROOM A/C UNIT	
CC COOLING COIL CT COOLING TOWER	
D COMPRESSED DOOR HEATER	
E EVAPORATOR REFRIGERATION EXHAUST AIR OUTLET	
EC EVAPORATOR CONDENSER EF EXHAUST FAN	
FAI FRESH AIR INTAKE	
FINNED-TUBE FLC LINEAR FC FAN COIL	CONSULTANTS
DWH DOMESTIC HC HEATING COIL WATER HEATER DOMESTIC WATER	
AHU AIR HANDELING UNIT	
M METER HEAT EXCHANGER	
MAU MAKE-UP AIR UNIT	
MZ MULTI-ZONE UNIT MS MOISTURE SEPARATOR	
GI GEASE INTERCEPTOR OI OIL INTERCEPTOR	SEAL
PHC PRE-HEAT COIL P PUMP	
REFRIGERATIONPRVPRESSURECOMPRESSOR OR CHILLERPRVREDUCING VALVE	
RF RETURN AIR FAN RV RELIEF VALVE	
RP RADIANT PANELS REHEAT COIL	
SF SUPPLY FAN ROOFTOP UNIT	
T TANK (WITHOUT BUILT- IN HEATER)	PRIME CONSULTANT
TUF TERMINAL UNIT - FAN	
WF WALL FIN RADIATION	ARCADIS
SM SNOW MELTING MANIFOLD UH UNIT HEATER	
SM SNOW MELTING MANIFOLD FAC CABINET FORCE FLOW HEATER RADIANT FLOOR HEATING MANIFOLD	100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada
	tel 416 679 1930
ABBREVIATION	
A.F.F. ABOVE FINISHED FLOOR INV. EL. INVERT ELEVATION	PROJECT TITLE CITY OF TORONTO
B.O.D.EL. BOTTOM OF DUCT N.C. NORMALLY CLOSED	ACCESSIBILITY UPGRADES
3.O.P.EL. BOTTOM OF PIPE NFRH NON-FREEZE ROOF HYDRANT	
EL. CENTER LINE OF PIPE N.I.C. NOT IN CONTRACT	PROJECT ADDRESS
C.C. COOLING COIL N.O. NORMALLY OPENED	
CO CLEANOUT O.A. OUTSIDE AIR	
CTE CONNECT TO EXISTING O.B.B. OPPOSED BLADE BALANCING	
	PROJECT NO: 9119- 19- 0162 / Arcadis 30279056
(STORAGE TANK)	DRAWN BY: CHECKED BY:
DWH-I DOMESTIC WATER R.A. RETURN AIR (INSTANTANEOUS)	K.DURUKAN B.LIAO PROJECT MGR: APPROVED BY:
E.A. EXHAUST AIR RHC REHEAT COIL	N. FRISCIC S. LIU
F.F.L. FINISHED FLOOR LEVEL RAINWATER LEADER	SHEET TITLE MECHANICAL LEGEND
F.M.S. FLOW MEASURING STATION	MECHANICAL LEGEND SHEET 1 OF 2
F.U. FUXTURE UNITS	
T.O.P. TOP OF PIPE	SHEET NUMBER ISSUE

	FIRST LETTER		SECOND LETTER		THIRD LETTER		F
A C	AIR COMPRESSED GAD	A C	H-O-A STATUS CLOSE	H	HIGH LOW	H	HIGH LOW
D	DAMPER	E	VOLTAGE	X	TRASMITTER		
E G	EQUIPMENT NATURAL GAS	F FL	FIRE (ALARM) SMOKE	Z D	INDICATING TRANSMITTER DIFFERENTIAL		
L	LIQUID	Н	HUMIDITY				
S V	STEAM VALVE		CURRENT LEVEL				
M	MISCELLANEOUS	0	OPEN				
		OL OR	OVERLOAD OVERRIDE				
		Р	PRESSURE				
		SS ST	START / STOP STATUS				
		Т	TEMPERATURE				
		V WT	VELOCITY / SPEED WINDING TEMPERATURE				
		X	POSITION				
BMS PC		Y	SERIAL COMM'S				
	POINT TYPE AI: ANALO AO: ANALO DI: DIGITA DO: DIGITA HW: HARDW	ON ABBREVIATIC G INPUT G OUTPUT L INPUT L OUTPUT VIRED . COMMINICATION		— Start / S — Equipme — Digital (NT		
			GENER	AL NOTE	ËS		
8. ALI 1. ALI 2. ALI	_ SANITARY DRAINS NPS 4 SIZE & _ PLUMBING, DRAINAGE & VENTI	NAL UNLESS PEF & LARGER SHALL NG SHALL BE IN (RMISSION FOR SHUTDOWN IS GRA	LUMBIN RAINS NPS 3 THE O.B.C. A	G & DRAINAGE & SMALLER SHALL SLOPE AT 2%. ND IS THE RESPONSIBILITY OF THE	PLUMBING (CONTRA
4. ALI	DOMESTIC COLD AND HOT WA	TER PIPING SHAL		E THERMALL	Y INSULATED.		
	_ MATERIAL SHALL BE UNDERWF		ORIES OF CANADA (ULC) LISTED	AND SHALL (COMPLY WITH THE OWNER'S INSURI	ER'S STAND	ARDS AN
2. FIF	RE PROTECTION CONTRACTOR T	O COORDINATE			ORK IS DONE. ANY SERVICE RELOC TRICAL DRAWINGS TO BE STUDIED		
RE	FLECT COORDINATED ELEVATIO	NS.			PIPING, AND LIGHTING FIXTURES, ET		
4. DE					INEER LICENSED IN ONTARIO AND T		ITTED TO
5. PR			NTARIO FIRE CODE. FINAL LOCAT HANGERS AS PER NFPA 13.	ION TO BE C	COORDINATED ON FIELD.		
7. FIF	RE PROTECTION SYSTEM SHALL	BE SUPPLIED AN	D INSTALLED IN ACCORDANCE WI THE RESULTS FOR HYDRAULIC CA				
9. HY		TART AT FIRE M	AIN BUILDING CONNECTION. MAX		S. EM PRESSURE TO BE 35KPA (5 PSI) L	ESS THAN T	HE PRE
10. PIF	PE DIMENSIONS TO BE DETERMIN	NED BY THE RESU	JLTS OF HYDRAULIC CALCULATIO		IOST REMOTE AREA AS LISTED IN T		
12. SP	RINKLER COVERAGES INDICATE	D ARE TO BE CO	NFIRMED BY FIRE PROTECTION CO	ONTRACTOR			
AN	Y OBSTRUCTIONS WIDER THAN	1200MM.					
15. US	E UPRIGHT SPRINKLER IN SPACE	E WITHOUT CEILI	NG.	IIE OPKINKL	ERS TO BE DETERMINED BY FIRE PF	VIECTION	CONTRA
17. SP		COORDINATED	WITH ARCHITECT PRIOR TO SHOP				
19. RE	FER TO EXISTING SHOP DRAWIN	IGS.			ROM SITE UNLESS OTHERWISE NOT	с .	
	LEXISTING SPRINKLERS TO BE A OVIDE FIRE WATCH DURING SHU		IT NEW BUILDING LAYOUT IN ACC	URDANCE W	/11H NEPA 13.		
			GENERAL N	NOTES:	HVAC		
			IRE DUCTWORK TO S.M.A.C.N.A. S ANIZED STEEL SHEETS WITH Z275		GNATION ZINC COATING TO ASTM A	653/A653M	

FOURTH LETTER

HIGH LOW

NG ON POINT TYPE.

CTURAL DRAWINGS. DISCREPANCIES OR UNSATISFACTORY

RACTORS RESPONSIBILITY TO ENSURE SARY DUE TO CONFLICTS WITH OTHER PROCEEDING WITH WORK.

CONTRACTOR.

DARDS AND REQUIREMENTS AND LOCAL JE TO INSUFFICIENT COORDINATION TO BE DONE AT NO PROTECTION CONTRACTOR. SHOP DRAWINGS TO

MITTED TO CONSULTANT AND AUTHORITY HAVING

N THE PRESSURE TEST RESULT AT REQUIRED FLOW

TFORMS, OVERHEAD DOORS, MEZZANINES, DUCTS OR N CONTRACTOR BASED ON HYDRAULIC CALCULATIONS.

CLIEN	TORON	то
(Corporate Real Estate Manage Project Management Offic Metro Hall Toronto, ON M5V 3C6	
This d or o Writte shall Arca	RIGHT rawing has been prepared solely for the intended use, thus a distribution for any purpose other than authorized by Arcadis en dimensions shall have precedence over scaled dimensions verify and be responsible for all dimensions and conditions of dis shall be informed of any variations from the dimensions a n on the drawing. Shop drawings shall be submitted to Arca conformance before proceeding with fabrication. Arcadis Professional Services (Canada)	is forbidden. s. Contractors on the job, and and conditions dis for general
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	CITY OF TORONTO	
PROJI	ECT ADDRESS	
	ECT NO: - 19- 0162 / Arcadis 30279056	
DRAW K.DUR	UKAN B.LIAO	/:
N. FRI	APPROVED E SCIC S. LIU T TITLE MECHANICAL LEGEI SHEET 2 OF 2	
	NUMBER 13-GAL-G3002	ISSUE D

	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	GENERAL		COMBINATION MAGNETIC STARTER		HEAT TRACING		
	NORTH ARROW			HT-STORM	DIRECT CONNECTION TO HEAT TRACING: I - HEAT TERACING	A .	
	ARROW INDICATES PROJECT NORTH		MAGNETIC STARTER MANUAL STARTER		II – PIPE SYSTEM ID STORM		INDOOR PTZ CAMERA
		\$ ™	HORSEPOWER RATED MOTOR TOGGLE SWITCH		SANITARY TPL: TRAP SEAL PRIMER	-	INDOOR FIXED CAMERA
N# E-###	NOTE REFERENCE TAG N# — DENOTES NOTE NUMBER E—### — DENOTES DRAWING NUMBER	\$ ^{HOA}	HORSEPOWER RATED MOTOR HAND/OFF/AUTO SWITCH		DCW: DOMESTIC COLD WATER		OUTDOOR/WALL/ROOF MOUNTED PTZ CAMERA
	BURIED GROUNDING CONDUCTOR		DISCONNECT SWITCH - NON-FUSIBLE		HEAT TRACING THERMOSTAT	▲●	OUTDOOR/WALL/ROOF MOUNTED FIXED CAMERA
	LIGHTNING GROUND CONDUCTOR	F	FUSED DISCONNECT SWITCH	\sim	HEAT TRACING IN LINE TEMPERATURE SENSOR	 ∢⊕	OUTDOOR FIXED CAMERA POLE MOUNTED
٢	GROUND ROD C/W INSPECTION CAN	MD	MOTORIZED DAMPER				OUTDOOR PTZ CAMERA POLE MOUNTED
■ ×	GROUNDING CONDUCTOR CONNECTION	СР	CONTROL PANEL		LIGHTING		
•	AIR TERMINAL (LIGHTNING ROD)	O	JUNCTION BOX	L01	TYPICAL LUMINAIRE NOMENCLATURE: LO1 – DENOTES LUMINAIRE TYPE	⊗ _{6m,A}	STEEL POLE BASE MOUNTED
J	CONDUCTOR DOWN TO BUILDING GROUND LOOP	M	MOTOR	L2B1-28.1	L2B1-28.1 - DENOTES CIRCUIT NUMBER L2B1 - DENOTES PANELBOARD (REFER TO POWER AND CONTROL)	oni,A	6m – DENOTES POLE HEIGHT A – DENOTES POLE BASE TYPE
	DIRECT BURIED CONDUIT(S) OR CABLE(S)	0	BLANK JUNCTION BOX		28 – DENOTES CIRCUIT NUMBER .1 – DENOTES CONTROL NUMBER		A – 900mm HIGH CONCRETE BASE, NOT HIN B – 300mm HIGH CONCRETE BASE, HINGED
	CONCRETE ENCASED CONDUIT(S)	TBS	TERMINAL BOX WITH TERMINAL STRIPS	0	CEILING OR PENDANT MOUNTED LUMINAIRE		REMOTE PANEL RP2 DENOTES REMOTE PANEL NO.2
	EXPOSED CONDUIT OR CABLE		BASEBOARD HEATING UNIT	<u> </u>	WALL MOUNTED LUMINAIRE	RP2 VD 2	CLOSED CIRCUIT TELEVISION VIDEO DISPLAY 2 DENOTES MONITOR TYPE
o	CONDUIT OR CABLE TURNING UP	СН	ELECTRIC CONVECTION HEATER	Q P01			2 DENOIES MONITOR TYPE
•	CONDUIT OR CABLE TURNING DOWN		ELECTRIC FORCE-FLOW HEATER	0	PO1-LUMINAIRE TYPE		
>	SLOPE – ARROW INDICATES DOWNWARD SLOPE			OR 🗖	CEILING, PENDANT OR WALL MOUNTED LUMINAIRE		SECURITY
			DOOR CONTROL PANEL		LIGHT SWITCH		SECURITY CONTROL PANEL
MH	MANHOLE		DOCK LEVELER		DESIGNATIONS FOR LIGHT SWITCHES 3 - 3-WAY	S	GLASS BREAK DETECTOR
ΗH	HAND HOLE	Φ	SINGLE RECEPTACLE		4 – 4–WAY D – DIMMER MC – MOMENTARY CONTACT	K	KEY PAD
PB	CONCRETE PULL BOX (MINIMUM INTERNAL DIMENSIONS: 900×610×900)	Ф	DUPLEX RECEPTACLE		MC – MOMENTARY CONTACT P – PILOT LIGHT K – KEY OPERATED LV – LOW VOLTAGE		CARD READER
P	PULL BOX	Ö	TWO DUPLEX RECEPTACLES WITH BARRIER				
H	UTILITY POLE		GFCI DUPLEX RECEPTACLE	OR Ø	LUMINAIRE ON LIFE SAFETY CIRCUIT	Ms	DOOR MONITOR SWITCH
	POWER AND CONTROL	Ш	COMBINATION DUPLEX RECEPTACLE/TELECOMMUNICATION OUTLET	(OS)	OCCUPANCY SENSOR		DATA IN
-EBA1	POWER AND/OR DISTRIBUTION PANELBOARD – SURFACE MOUNTED	Ö	(DUPLICATED ON COMMS DRAWINGS) COMBINATION TWO DUPLEX RECEPTACLES/TELECOMMUNICATION OUTLET	PE	PHOTO-ELECTRIC CONTROL	12	DATA OUT
TX	PAD MOUNT TRANSFORMER	-	(DUPLICATED ON COMMS DRAWINGS AS COMBINATION DUPLEX RCT) WITH BARRIER BETWEEN RECEPTACLES	\otimes	EXIT SIGN – CEILING MOUNTED ARROW DENOTES DIRECTION CHEVRON	P K	DOOR BY-PASS KEYED SWITCH
ТХ	SUSPENDED TRANSFORMER	ф	COMBINATION MULTI-RECEPTACLE/TELECOMMUNICATION FLOOR BOX (DUPLICATED ON COMMS DRAWINGS)	\otimes			
P-EBA1	DENOTES PANEL	⊕⊕	LINE DENOTES ABOVE COUNTER HEIGHT OUTLET 1200 AFF OR 300 ABOVE COUNTER, UNLESS OTHERWISE NOTED		EXIT SIGN — WALL MOUNTED	Ps	ELECTRIC DOOR STRIKE
	DENOTES SEQUENTIAL IDENTIFIER (1,2,3,)		DESIGNATIONS FOR RECEPTACLE TYPES	120	EMERGENCY LIGHTING BATTERY WITH 2 HEADS AND SINGLE RECEPTACLE		MAGNETIC DOOR LOCK
A L	DENOTES REDUNDANCY IDENTIFIER (A,B)		A RACK RECEPTACLE L-20R B L21-20R		EMERGENCY LIGHTING BATTERY FOR REMOTE HEADS AND SINGLE RECEPTACLE	K	ELEVATOR HALL CALL BUTTON
B	DENOTES FLOOR (B,1,2,3) *UPS PANELS DENOTE PDU SOURCE		C CEILING D DEPRESSED WITH FLOOR SLAB/ACCESS FLOOR E ENCLOSURE		DOUBLE REMOTE EMERGENCY LIGHTING HEADS	52	ELEVATOR CARD CALL BUTTON
E	DENOTES NON-LIFE SAFETY		F FURNITURE MTD GFCI GROUND FAULT CIRCUIT INTERRUPTER	(#)	SPACE TYPE FOR LIGHTING CONTROL.	К	MAGNETIC LOCK RELEASE/RESET KEY
LS L	DENOTES LIFE SAFETY DENOTES LIGHTING		H 5–30R S MTD ON SURFACE OF FLOOR U UNDERFLOOR		REFER TO SCHEDULE IN SPECIFICATION SECTION 16590		PUSH TO EXIT
U*	DENOTES UNINTERRUPTIBLE POWER SUPPLY *U2A1 DENOTES FROM PDU-U2A		DIRECT CONNECTION TO EQUIPMENT		COMMUNICATIONS		
DP PP	DISTRIBUTION PANEL Power panel		THERMOSTAT		COMMUNICATION OUTLET: - SOLID DENOTES COPPER CONDUCTORS		TRANSOM REQUEST TO EXIT
RP LP	RECEPTACLE PANEL LIGHTING PANEL		SWITCH HEATER/BLOWER		- OPEN DENOTES OPTICAL FIBRE CONDUCTORS		
SW	SWITCHBOARD TRANSFORMER	1	SWITCH HEATER/ BLOWER		- BOXED DENOTES INDUSTRIAL OUTLET		AUDIBLE ANNUNCIATOR
PDU	POWER DISTRIBUTION UNIT		HIGH/LOW TEMPERATURE THERMOSTAT	∇	FLUSH WITH SURFACE COMMUNICATIONS PASS TROUGH		POWER ASSIST
EF	MECHANICAL OR ELECTRICAL EQUIPMENT		WEATHERPROOF PUSHBUTTON FOR POWER OPERATED DOOR		F - DENOTES FLOOR MOUNTED		POWER ASSIST CONNECTION
1	TAG NUMBER AC — AIR CONDITIONING UNIT		FURNITURE FEED — POWER	山山山	COMBINATION DUPLEX RECEPTACLE(S)/TELECOMMUNICATION OUTLET/FLOOR BOX (DUPLICATED ON POWER DRAWINGS)	R	DOOR RELEASE
	ACC – AIR COOLED CONDENSER UNIT C – COMPRESSOR CH – CABINET UNIT HEATER		MISCELLANEOUS		TELECOMMUNICATIONS ENCLOSURE		
	CU – CONDENSER UNIT DH – DOOR HEATER	wc	DYNAMIC GLASS WINDOW CONTROLLER		DESIGNATIONS FOR COMMUNICATION OUTLETS		PUSH BUTTON REMOTE RELEASE
	EF – EXHAUST FAN ETU – EXHAUST TERMINAL UNIT EW – EYE WASH	WC ZC	DYNAMIC GLASS ZONE CONTROLLER	$\mathbf{\nabla}_{\#}^{XXX}$	XXX CABLE TERMINATION # QUANTITY M MOUNTING STYLE		PUSH BUTTON DURESS
	H – HUMIDIFIER HV – HEATING AND VENTILATING UNIT HW – HOT WATER HEATER	1		М	S – SURFACE MTD P – PENDANT		PUSH BAR BOLT RETRACT
	MD – MOTORIZED DAMPER P – PUMP		NETWORK ATTACHED POE CLOCK WITH NETWORK CONNECTION 'C' – CEILING/PENDANT 'W' – WALL/SURFACE MOUNT		F – FURNITURE R – RACK MOUNT PATCH PANEL		PUSH BAR ELECTRIC BOLT RETRACT
	RAF – RETURN AIR FAN SF – SUPPLY FAN UH – UNIT HEATER		'S' – SINGLE SIDE 'D' – DOUBLE SIDE 2.5'' 2.5''(64MM) DIGIT DISPLAY		W - FLUSH WITH SURFACE WALL MOUNTED D - DEPRESSED WITH FLOOR SLAB/ACCESS FLOOR		PASSIVE INFRARED MOTION DETECTOR
	V – VENTILATING UNIT		4" 4" (100MM) DIGIT DISPLAY		C - CEILING		

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			CLIENT CITY OF TORONTO TORONTO Corporate Real Estate Management Project Management Office Metro Hall Toronto, ON M5V 3C6
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A		PUBLIC ADDRESS & INTERCOM INTERCOM - C – AUDIO E – EMERGENCY CALL H – HANDSET P – PANEL	Arcadis Professional Services (Canada) Inc. ISSUES No. DESCRIPTION A 50% SUBMISSION 2022-01-20 B 90% SUBMISSION 2022-02-22 C ISSUED FOR PERMIT D ISSUED FOR TENDER
, NOT HINGED HINGED	S PCZA A ED	S – SERVER V – VIDEO A – AUDIO SIREN & STROBE D – WITH IMAGE DISPLAY E – ELEVATOR F – FURNITURE MTD M – MAINTENANCE S – COMMUNICATION STATUS INDICATOR PA SPEAKER HORN/CONE SPEAKER ZA – DENOTES ZONE A AMPLIFIER END OF LINE DEVICE FIRE ALARM FIRE ALARM CONTROL PANEL	
	ANN AZ-## A C C C S C S	REMOTE ANNUNCIATOR PANEL FIRE ALARM ZONE NUMBER CO2 ABORT STATION ACTIVE FIELD DEVICE - COMBINATION CONTROL AND MONITOR MODULE COMBINATION HEAT AND SMOKE DETECTOR CO2 DUMP STATION MAGNETIC DOOR HOLDER DEVICE	
	$ \underbrace{ $	EMERGENCY POWER OFF STATION SPRINKLER SYSTEM FLOW ALARM SWITCH COMBINATION RATE OF RISE AND FIXED TEMPERATURE HEAT DETECTOR DUCT SMOKE DETECTOR ISOLATOR MODULE INFRA RED DETECTOR ALARM MONITOR CONTACT	CONSULTANTS
	$ \begin{array}{c} \begin{array}{c} \begin{array}{c} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \\ \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \\ \end{array} $	POST INDICATOR VALVE PRESSURE SWITCH FIRE ALARM RELAY AREA SMOKE DETECTOR A DENOTES ASPIRATION TYPE U DENOTES BELOW RAISED FLOOR AREA SMOKE DETECTOR COMPLETE WITH REMOTE ALARM LIGHT	SEAL
		SPRINKLER SYSTEM SUPERVISED VALVE AIR SAMPLING SMOKE DETECTOR FIRE ALARM BELL FIRE ALARM HORN FIRE ALARM MINI HORN C/W STROBE LIGHT STROBE LIGHT	PRIME CONSULTANT PRIME CONSULTANT 100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com
		WARNING LIGHT FIRE ALARM MANUAL PULL STATION (RED) MANUAL RELEASE PULL STATION (BLUE) ABORT PUSH BUTTON END OF LINE DEVICE FIREMAN'S TELEPHONE HANDSET	PROJECT TITLE CITY OF TORONTO ACCESSIBILITY UPGRADES PROJECT ADDRESS
		ND LEGEND AS APPLICABLE	PROJECT NO:
			9119- 19- 0162 / Arcadis 30279056 DRAWN BY: CHECKED BY: V. MAC M. BOJIC PROJECT MGR: APPROVED BY: F.BOLOURIAN P. WILLIAMS SHEET TITLE ELECTRICAL LEGEND 1
			SHEET NUMBER ISSUE D

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SINGLE LINE		
	POWER TRANSFORMER		DRAWOUT LOW VOLTAGE CIRCUIT BREAKER
WW	TRANSFORMER	\checkmark	
/30A	LOW VOLTAGE DISCONNECT SWITCH (NUMBER DENOTES AMPERE RATING)	600AF LSIG	LOW VOLTAGE CIRCUIT BREAKER WITH SOLID STATE TRIP UNIT AF- BREAKER FRAME UNIT AT - TRIP RATING MO - MANUALLY OPERATED EO - ELECTRICALLY OPERATED L - LONG TIME TRIP FUNCTION S - SHORT TIME TRIP FUNCTION
/30A	LOW VOLTAGE FUSED DISCONNECT SWITCH (NUMBER DENOTES AMPERE RATING)		I - INSTANTANEOUS A - GROUND FAULT ALARM G - GROUND FAULT TRIP FUNCTION CONTACTOR, NUMBER DENOTES SIZE OR RATING
		Y Y	GENERATOR
15A T 0 \	FUSE (NUMBER DENOTES AMPERE RATING)		POWER FACTOR CORRECTION CAPACITOR
。)	CIRCUIT BREAKER	A L-O L-O	KEY INTERLOCKS
	NORMALLY OPEN CONTACTS	20	MOTOR - NUMBER DENOTES SIZE (HP)
	RELAY COIL	\Diamond	NEON LIGHT VOLTAGE INDICATOR
	DRAWOUT OR PLUG-IN CONNECTION		MANUAL MOTOR STARTER
600A	MEDIUM VOLTAGE LOAD INTERRUPTER SWITCH - NUMBER DENOTES SWITCH RATING		MAGNETIC MOTOR STARTER
 ●	GROUND CONNECTION	SF	
	LIGHTNING ARRESTER OR SURGE DIVERTER NUMBER DENOTES QUANTITY		TWO-SPEED MAGNETIC MOTOR STARTER
\diamond	STRESS CONE		SURGE SUPRESSOR
	DELTA/WYE TRANSFORMER CONNECTION WITH WYE POINT RESISTANCE GROUNDED		
△ ≩	DELTA/WYE TRANSFORMER CONNECTION WITH WYE POINT GROUNDED		
> > >	WYE/WYE TRANSFORMER CONNECTION		
	DELTA/DELTA TRANSFORMER CONNECTION		
ATS	AUTOMATIC TRANSFER SWITCH		
SYMBOLS A	AND LEGEND AS APPLICABLE	SYMBOLS	AND LEGEND AS APPLICABLE

SYMBOL	DESCRIPTION		ABBREVIATIONS	
	METERING AND PROTECTION DEVICES	AFF	ABOVE FINISHED FLOOR	
\cup	CONTROL TRANSFORMER	BIX	BIX TYPE PUNCH DOWN IDC TERMINATION	
\frown		BKR	CIRCUIT BREAKER	
3		BLDG	BUILDING	
100:5	CURRENT TRANSFORMER, NUMBERS DENOTE QUANTITY AND RATIO	BLR	BOILER	
		вот	BOTTOM OF TRAY	
ST	ZERO SEQUENCE CURRENT TRANSFORMER	BR	BRIDGE	
14- 1-		СС	CONCENTRATOR COMPLEX	
4		CD	CANDELA	
	FIXED FUSE AND FIXED POTENTIAL TRANSFORMER (PT) NUMBER DENOTES QUANTITY	СР	CONTROL PANEL	
		CTL	CONTROL	
Ê		C/W	COMPLETE WITH	
\wedge		CAT6	CATEGORY 6 CABLE	
	WITHDRAWABLE FUSE AND WITHDRAWABLE POTENTIAL	COMMS	COMMUNICATIONS	
	TRANSFORMER (PT) NUMBER DENOTES QUANTITY	СР	CONTROL PANEL	
\mathcal{V}		DISC	DISCONNECT	
		DIV	DIVISION	
		DSP	GROUND FAULT PROTECTION SYSTEM	
\wedge		DSP-CA	CABLE ADAPTER MODULE	
	WITHDRAWABLE FUSE AND FIXED POTENTIAL TRANSFORMER	DSP-CAS	CABLE ADAPTER MODULE	
	(PT) NUMBER DENOTES QUANTITY	DSP-DFM	DSP FEEDER MODULE	
		E	EXISTING TO REMAIN	
		EL	ELEVATION	
		ELEV	ELEVATOR	
		EMS	ENERGY MANAGEMENT SYSTEM	
0 0	SELECTOR SWITCH - HAND-OFF-AUTO	EO	ELECTRICALLY OPERATED BREAKER	
0 0		ETSP	ELECTRONIC TRAP SEAL PRIMER	
	STOP	EX	EXISTING	
		FB#1	FEEDER CIRCUIT BREAKER (#1 DENOTES NUMBER)	
	START	FEPO	FIREMAN EMERGENCY POWER OFF	
0 0		GFR	GROUND FAULT RELAY	
D	PILOT LIGHT	GND	GROUND	
<u>(</u> ,		НТ	HEAT TRACING	
X	OVERLOAD	HTR	HEATER	
		НОА	HAND-OFF-AUTO	
СМ	DIGITAL CIRCUIT MONITOR	HVAC	HEATING - VENTILATION AND AIR CONDITIONING	
×	VARIABLE FREQUENCY DRIVE	IAM	INDIVIDUAL ADDRESSABLE MODULE	
		LAV	LAVATORY	
		LCD	LIQUID CRYSTAL DISPLAY	
		LED	LIGHT EMITTING DIODE	
		LSIA	LONG TIME TRIP; SHORT TIME TRIP; INSTANTANEOUS TRIP;	
			GROUND FAULT ALARM	
		LSIG	LONG TIME TRIP; SHORT TIME TRIP; INSTANTANEOUS TRIP; GROUND FAULT TRIP	
		LVL	LEVEL	
		LVR	LAYOVER	
		MB	MAIN CIRCUIT BREAKER	
 SYMBOLS A	ND LEGEND AS APPLICABLE	MBPS SYMBOLS /	UPS - MAINTENANCE BY-PASS SWITCH - EXTERNAL AND LEGEND AS APPLICABLE	+
	-		-	

		CLIENT
		CITY OF TORONTO
	ABBREVIATIONS	
MCC	MOTOR CONTROL CENTRE	Corporate Real Estate Management
MCOV	MAXIMUM CIRCUIT OPERATING VOLTAGE	Project Management Office Metro Hall Toronto, ON
MECH	MECHANICAL	M5V 3C6 COPYRIGHT
mm	MILLIMETER	This drawing has been prepared solely for the intended use, thus any reproduction or distribution for any purpose other than authorized by Arcadis is forbidden. Written dimensions shall have precedence over scaled dimensions. Contractors
mmC	TRADE SIZE CONDUIT IN MILLIMETERS	shall verify and be responsible for all dimensions and conditions on the job, and Arcadis shall be informed of any variations from the dimensions and conditions shown on the drawing. Shop drawings shall be submitted to Arcadis for general conformance before proceeding with fabrication.
MO	MANUALLY OPERATED	Arcadis Professional Services (Canada) Inc.
M/W	MICROWAVE	ISSUES No. DESCRIPTION DATE
MTD	MOUNTED	A 50% SUBMISSION 2022-01-20
NC	NORMALLY CLOSED	B 90% SUBMISSION 2022-02-22 C ISSUED FOR PERMIT 2022-03-18
NGR	NEUTRAL GROUNDING RESISTOR	D ISSUED FOR TENDER 2025-04-11
NIC	NOT IN CONTRACT	
NO	NORMALLY OPEN	
O/H	OVER HEAD	
00		
OESC		
OVP PLATF	OVER VOLTAGE PROTECTION PLATFORM	
PPT	PATCH PANEL TERMINATION	
R	REMOVE	
RCT	RECEPTACLE	
RJ	U/UTP RJ45 CONNECTION	
RM	ROOM	
RR	REMOVE AND RELOCATE	
SC	SHORT CIRCUIT	
SLD	SINGLE LINE DIAGRAM	
SP	SPARE	
SRP	SUPPRESSION RELEASE PERIPHERAL	
ST	SHUNT TRIP	CONSULTANTS
STN	STATION	
STP	SHIELDED TWISTED PAIR CABLE	
STS	STATIC TRANSFER SWITCH	
SW	SWITCH	
SWBD	SWITCH BOARD	
SWGR		
TB TVSS	TIE CIRCUIT BREAKER TRANSIENT VOLTAGE SURGE SUPPRESSOR	SEAL
TYP	TYPICAL	
U/G	UNDER GROUND	
UON	UNLESS OTHERWISE NOTED	
VFD	VARIABLE FREQUENCY DRIVE	
WP	WEATHER PROOF	
XP	EXPLOSION PROOF	PRIME CONSULTANT
*	REFER TO A-002 FOR ABBREVIATIONS NOT INCLUDED IN THIS LIST	ARCADIS
		100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada
		tel 416 679 1930 www.arcadis.com
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		PROJECT NO:
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		DRAWN BY: CHECKED BY: V. MAC M. BOJIC
		PROJECT MGR:APPROVED BY:F.BOLOURIANP. WILLIAMS
		SHEET TITLE ELECTRICAL LEGEND 2
		SHEET NUMBER ISSUE
		G03-G4002 D

MOUNTING HEIGHTS SCHEDULE

LIGHT SWITCH	1050mm
RECEPTACLE - FINISHED AREAS	460mm
RECEPTACLE - UNFINISHED AREAS	1050mm
RECEPTACLE - ABOVE COUNTER	
DATA OUTLET - FINISHED AREA	460mm
DATA OUTLET - UNFINISHED AREA	1050mm
FIRE ALARM MANUAL PULL STATION	1200mm
FIRE ALARM HORN/STROBE	2460mm
FIRE ALARM STROBE	2460mm
FIRE ALARM END OF LINE DEVICE	1500mm
FIRE ALARM HEAT DETECTOR	CEILING
FIRE ALARM SMOKE DETECTOR	CEILING
FIRE ALARM REMOTE ANNUNCIATOR	2000mm
PANEL — — — — — — — — — — —	2000mm
CONTROL PANEL	2000mm
MOTOR STARTER	1800mm
DISCONNECT SWITCH	1800mm
PUSH BUTTON STATION	1050mm
DOOR ACCESS CONTROL CARD READER	1050mm
	AS PER MANUF. INSTRUCTIO
DOOR BY-PASS KEYED SWITCH	1050mm
BATTERY OPERATED EMERGENCY LIGHT	— — — 2700mm
EMERGENCY LIGHT BATTERY UNIT —	2700mm
THERMOSTAT	1200mm

MOUNTING HEIGHTS AS APPLICABLE

<u>GENERAL NOTES:</u>

- 1. PROVIDE 1-#6 GND WIRE FOR ALL UNDERGROUND EMPTY CO WITHOUT METAL WIRING/CABLES TO FACILITATE FUTURE DE
- 2. NO SPLICES ARE ALLOWED FOR COMMUNICATION CABLES.
- 3. NO SPLICES ARE ALLOWED BELOW GRADE FOR POWER WIF
- 4. THERE MUST BE A BREAK IN ALL UNDERGROUND CONDUITS BUILDING/TOWERS/ELECTRICAL/COMMUNICATIONS/BOILER F BEFORE ENTERING THE ROOMS.
- 5. PROVIDE LAYOUT (WITH DIMENSIONS) OF ALL UNDERGROUN HOLES AND CONCRETE PULL BOXES TO THE CONSULTANT F
- 6. INSTALL HAND HOLES AWAY FROM MAJOR TRAFFIC AREAS (
- 7. PROVIDE HEAT TRACING PROTECTION FOR WATER PIPES, S ON ELECTRICAL DRAWINGS. REFER TO MECHANICAL DRAWI BE RAYCHEM MODEL #8XL-TRACE, 208V, 1PH, SELF REGULAT EQUIVALENT, C/W POWER SUPPLY MODULE, THERMOSTAT A FUNCTIONING SYSTEM. STARTUP TEMPERATURE -29°C (-20°F
- 8. WHERE CONDUITS ARE INSTALLED ACROSS EXPANSION JOI EXPANSION/CONTRACTION FITTINGS.
- 9. <u>ELEVATOR FIRE ALARM AUTOMATIC RECALL:</u> ELEVATOR LOBBY MOUNTED FIRE DETECTORS AND SECURI DESIGNATED LEVEL UPON FIRE ALARM. SHOULD DETECTOR INDICATE FIRE, ELEVATOR TO BE DIRECTED TO ALTERNATE RECAL SCHEDULE. ELEVATOR CONTRACTOR TO COORDINAT DESIGNATED/ALTERNATE LEVELS.
- 10. SMOKE DETECTOR AT TOP OF ELEVATOR SHAFT TO BE AIR S CONTROL UNIT IN A TAMPER PROOF ENCLOSURE (NEMA 4X) SAMPLING SMOKE DETECTOR TO BE EST READY SET BY EDV
- 11. SITE PLAN DRAWINGS INDICATE UNDERGROUND POWER CO (CONCRETE PULL BOXES, HAND HOLES OR MAN HOLES). WH FOR WIRING SEPARATION, PROVIDE ADDITIONAL CONCRETE AN ADDITIONAL MAN HOLE IS REQUIRED, IT IS PREFERRED T CONCRETE PULL BOX IF POSSIBLE.

		CITY OF TORONTO
		Project Management Office Metro Hall Toronto, ON
	CONDUITS AND COMMUNICATIONS CONDUITS DETECTION.	COPYRIGHT This drawing has been prepared solely for the intended use, thus any reproduction or distribution for any purpose other than authorized by Arcadis is forbidden. Written dimensions shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job, and
		shown on the drawing. Shop drawings shall be submitted to Arcadis for general conformance before proceeding with fabrication.
	S OUTSIDE THE	
	ROOM TO ALLOW DRAINAGE OF RACEWAY	A 50% SUBMISSION 2022-01-20
	IND PULL POINTS INCLUDING HAND HOLES, MAN FOR APPROVAL PRIOR TO INSTALLATION.	
INCREMENTATION LANCES CONSULTATIONS SHALL INCREMENTATION CONSULTS WITH INTREMENTATION CONTINUES TO INTREMENTATION CONTINUES TO I	(TYPICAL).	
NY YANG, TO RECALLE EVANOR 9 TO SA ALESIMANTICIDAE HAVA CHILITORY IN YANG, TO RECALLE EVANOR 9 TO IN YANG, TO RECALLE EVANOR IN YANG AND TO RECALLE EVANOR IN YANG AND TO RECALLE EVANOR IN YANG AND TO RECALLE EVANOR IN	STORM PIPES AND SANITARY PIPES AS SHOWN /INGS FOR PIPING LAYOUT. HEAT TRACING SHALL ATING TRACING CABLE OR APPROVED AND ALL ACCESSORIES FOR A COMPLETE AND °F).	
	DINTS, PROVIDE CONDUITS WITH	
SOUTINE OF ELEVATOR BLORET. AR WARKING OR APPROVE RULLIA HER ODE REGISTRATIONEL FOR IS EN OLD BOX ON MARKING HALL FOR	RITY PANEL TO RECALL ELEVATORS TO R AT DESIGNATED LEVEL ELEVATOR LOBBY E LEVEL. REFER TO ELEVATOR AUTOMATIC FIRE ATE WITH TSSA AND CONFIRM	
HERE OD ERGURES ADDITIONAL FULL POINTS TO PROVIDE AN ADDITIONAL LINKS HOLE OF CONSULTANTS CONSULTANTS CONSULTANTS SEAL PRIME CONSULTANTS CONSULTANTS CONSULTANTS SEAL PRIME CONSULTANT CONSULTANTS CONSULTANTS SEAL PRIME CONSULTANT CONSULTANTS CONSULTANTS SEAL PRIME CONSULTANT CONSULTANTS CONSULTANTS PRIME CONSULTANT CONSULTANTS PRIME CONSULTANT CONSULTANTS PRIME CONSULTANT CONSULTANTS PRIME CONSULTANTS PRIME CONSULTANTS	R SAMPLING SMOKE DETECTOR TYPE. INSTALL () OUTSIDE OF ELEVATOR CLOSET. AIR DWARDS OR APPROVED EQUAL.	
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CITY OF TORONTO ACCESSIBILITY UPGRADES TYPICAL DETAILS BOOKLET

9119-19-0162 / Arcadis 30279056

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		D3601	PIPING DETAILS SHEET 1 OF 2			

PIPING DETAILS SHEET 2 OF 2

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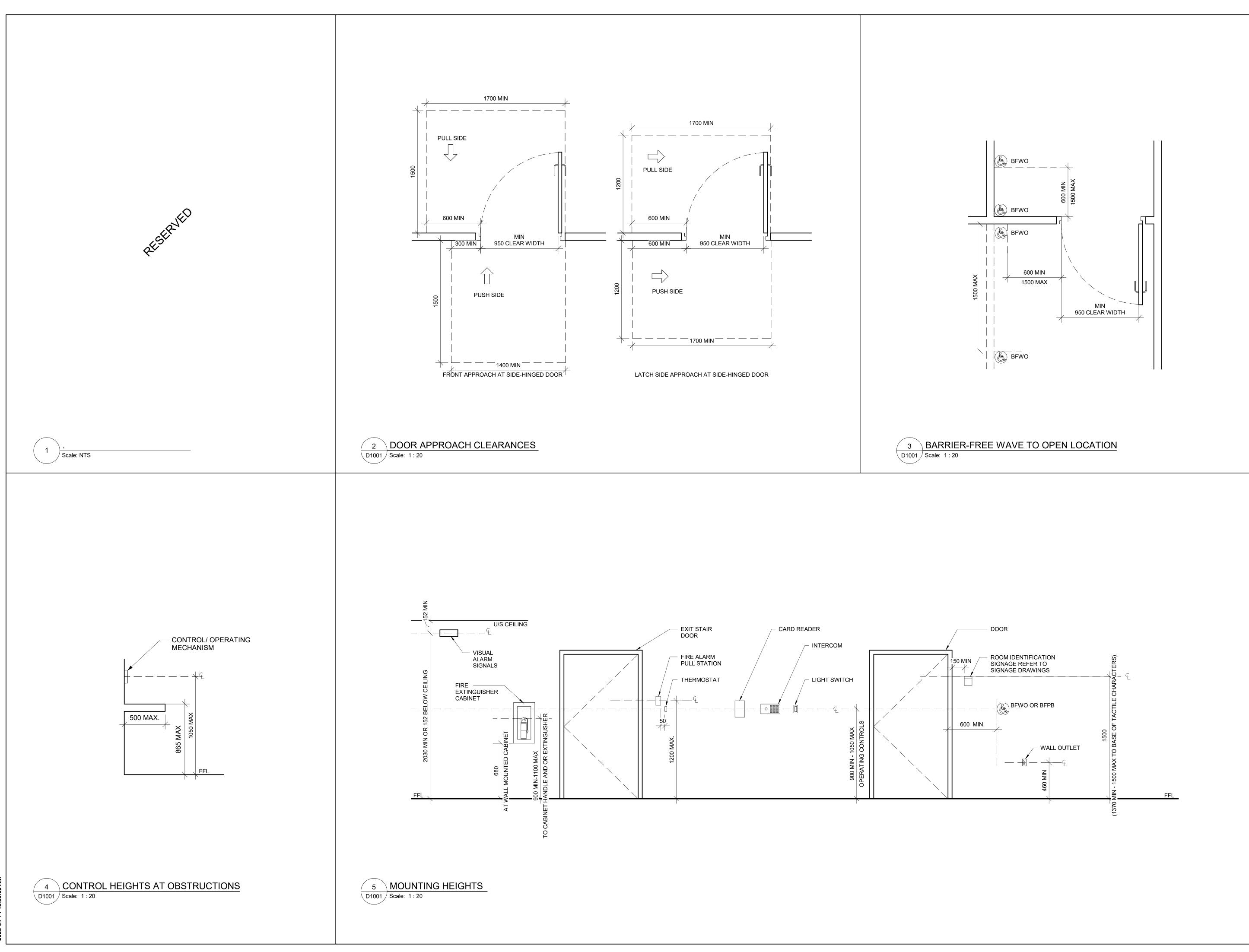
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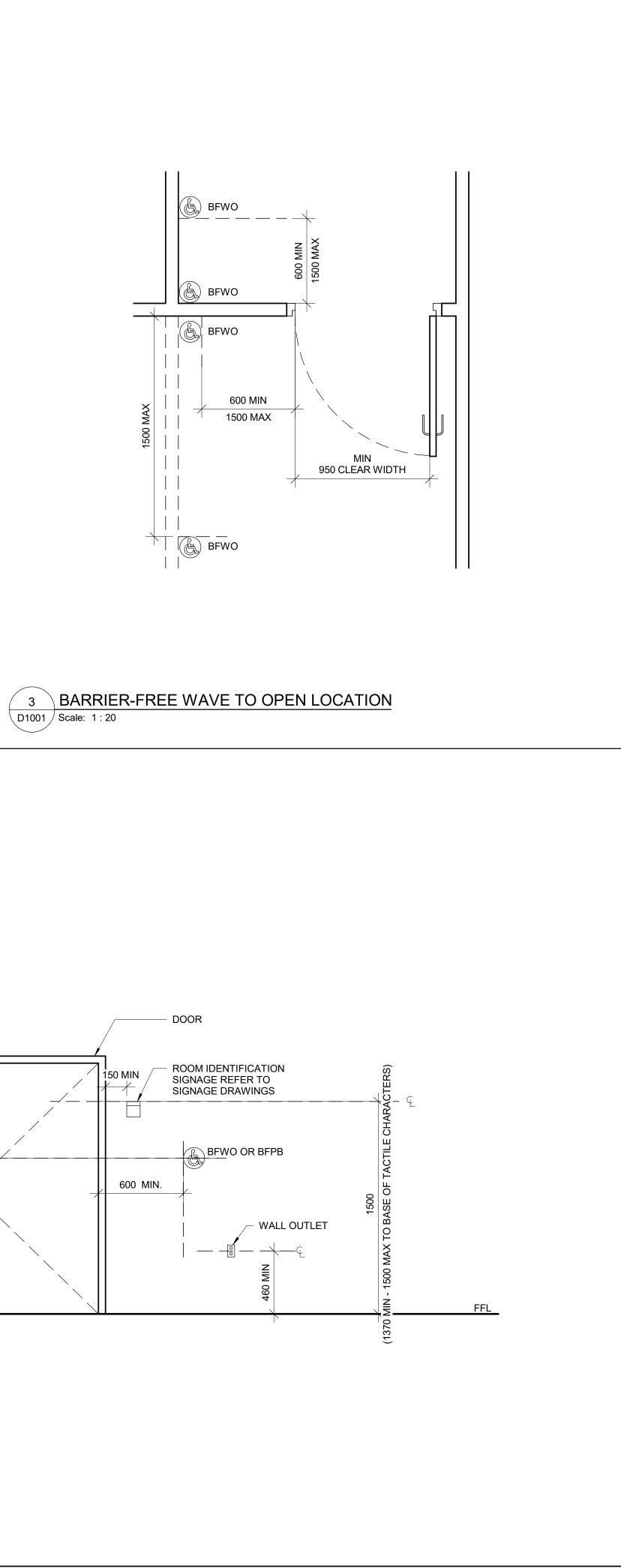
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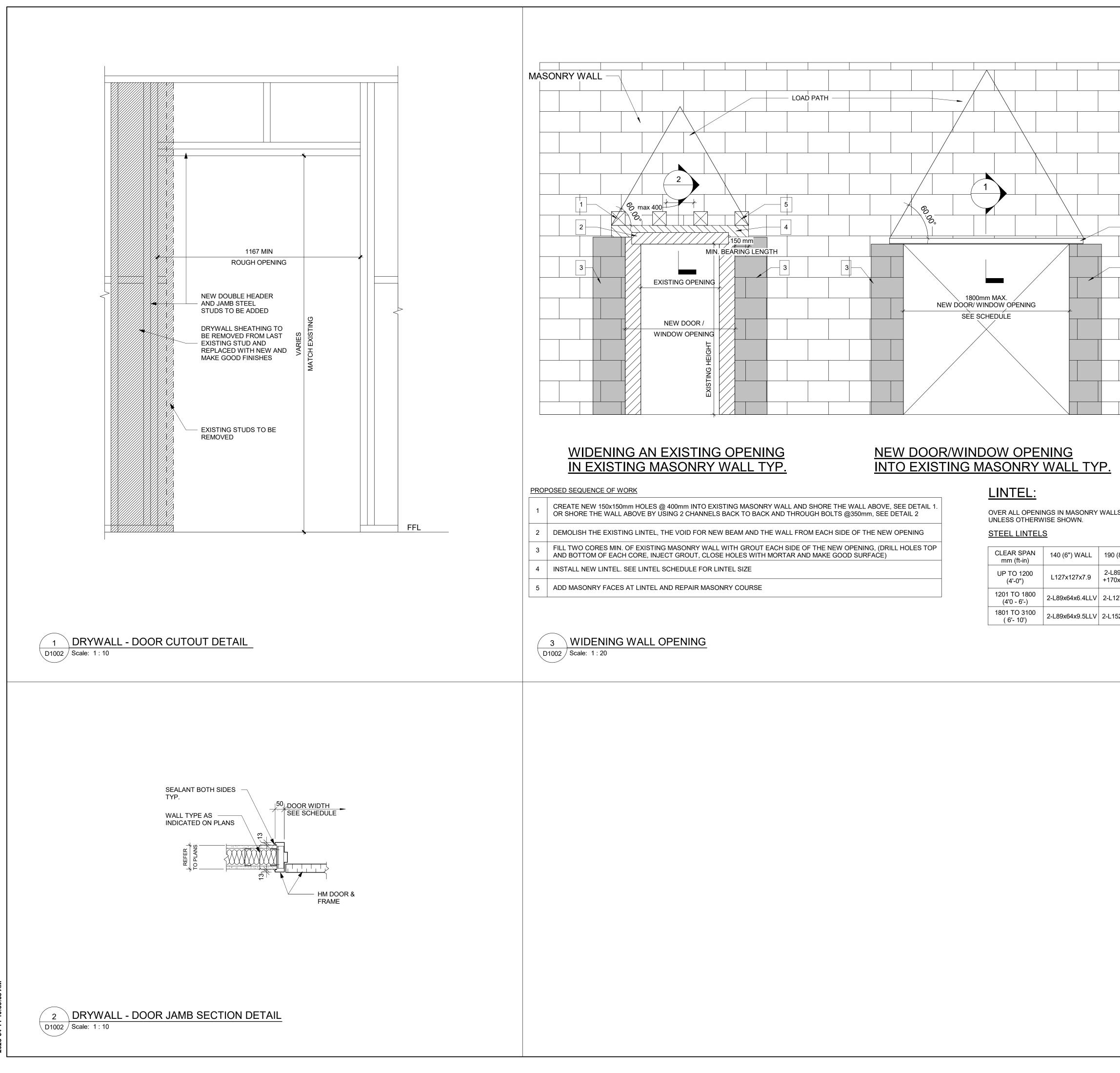
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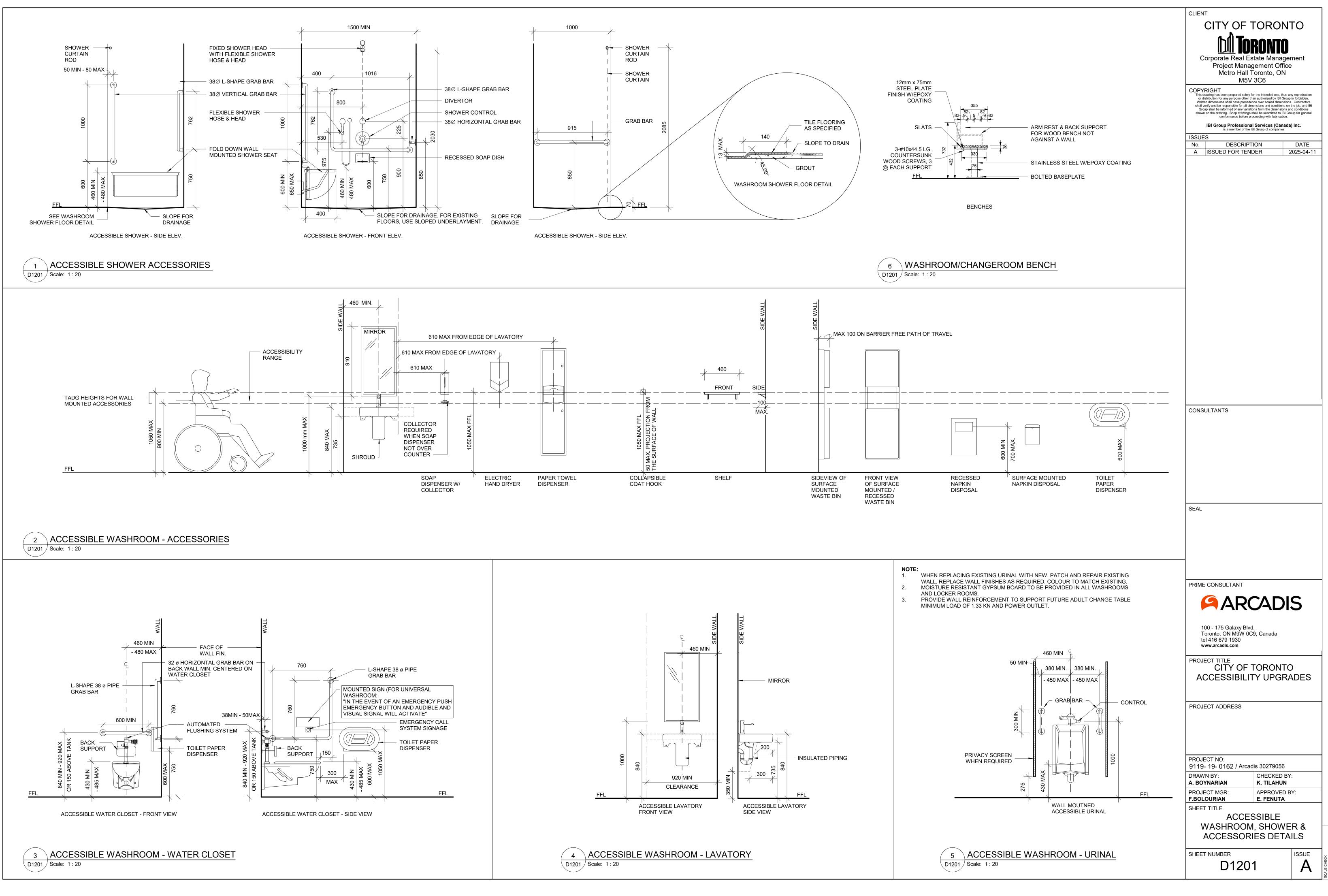
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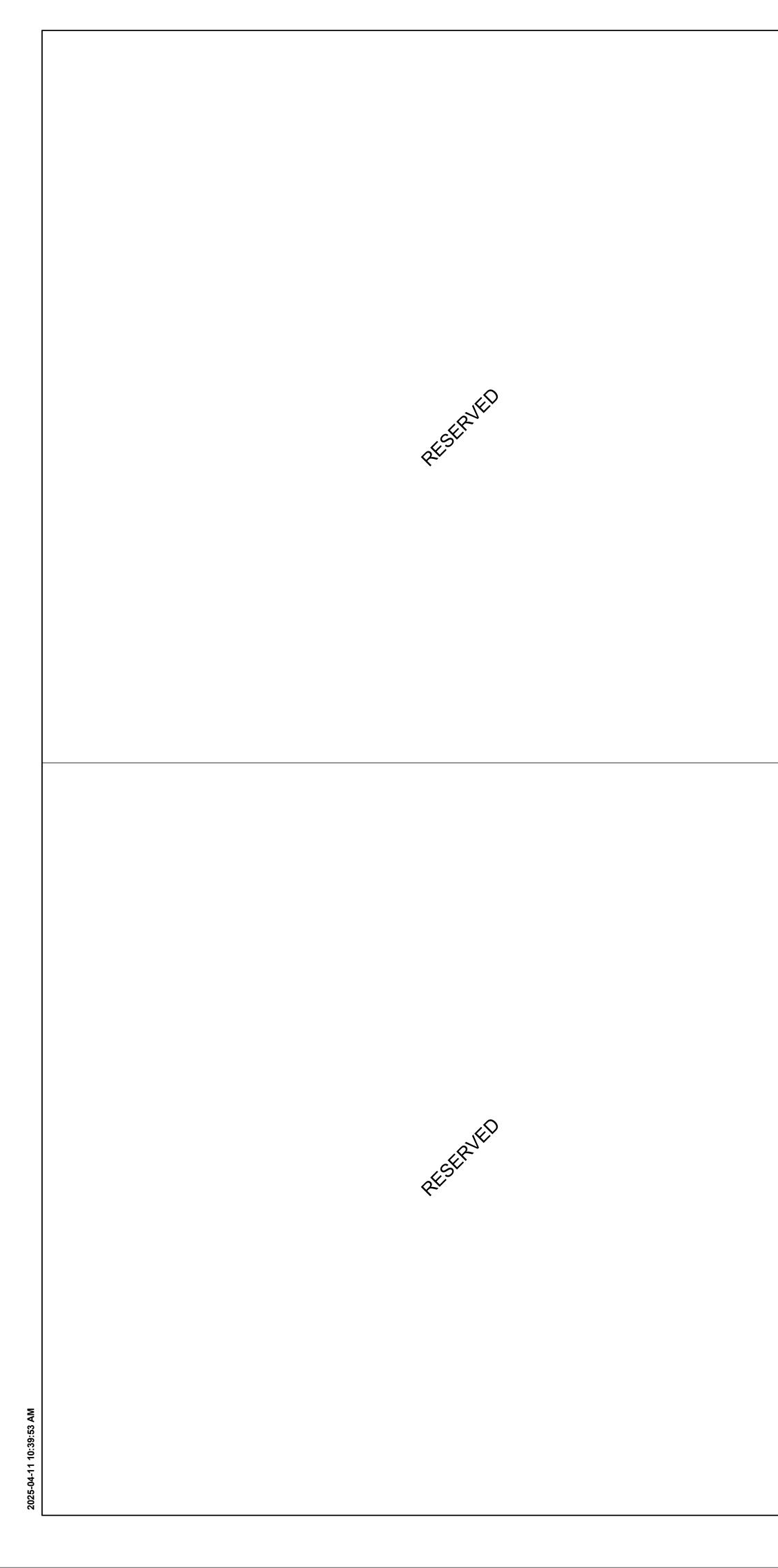


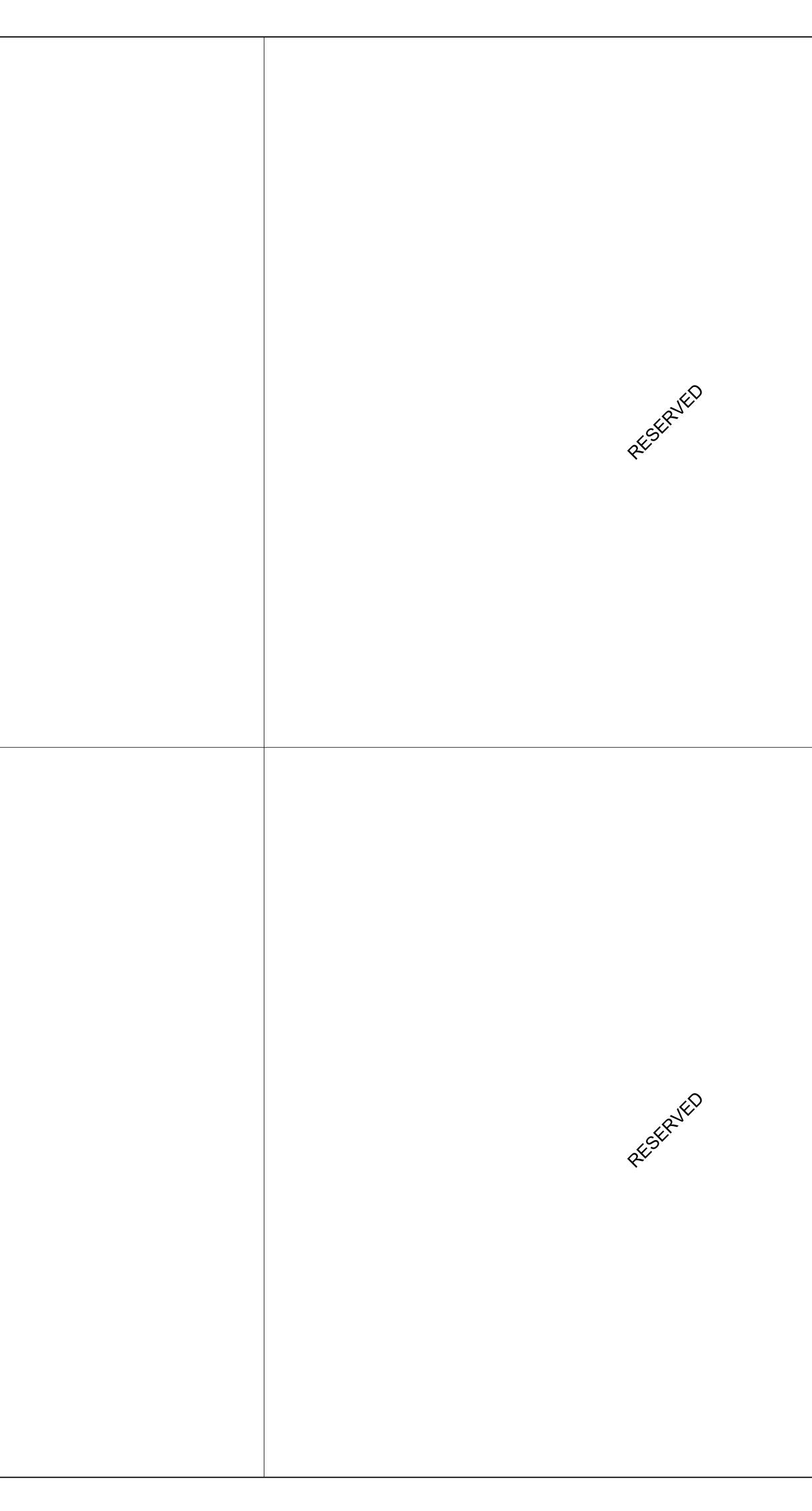
1	CREATE NEW 150x150mm HOLES @ 400mm INTO EXISTING MASONRY WALL AND SHORE THE WALL ABOVE, SEE DETAIL 1 OR SHORE THE WALL ABOVE BY USING 2 CHANNELS BACK TO BACK AND THROUGH BOLTS @350mm, SEE DETAIL 2
2	DEMOLISH THE EXISTING LINTEL, THE VOID FOR NEW BEAM AND THE WALL FROM EACH SIDE OF THE NEW OPENING
3	FILL TWO CORES MIN. OF EXISTING MASONRY WALL WITH GROUT EACH SIDE OF THE NEW OPENING, (DRILL HOLES TOF 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

CLEAR SPAN mm (ft-in)	140 (6") WALL	190 (8
UP TO 1200 (4'-0")	L127x127x7.9	2-L89 +170x
1201 TO 1800 (4'0 - 6'-)	2-L89x64x6.4LLV	2-L12
1801 TO 3100 (6'- 10')	2-L89x64x9.5LLV	2-L152

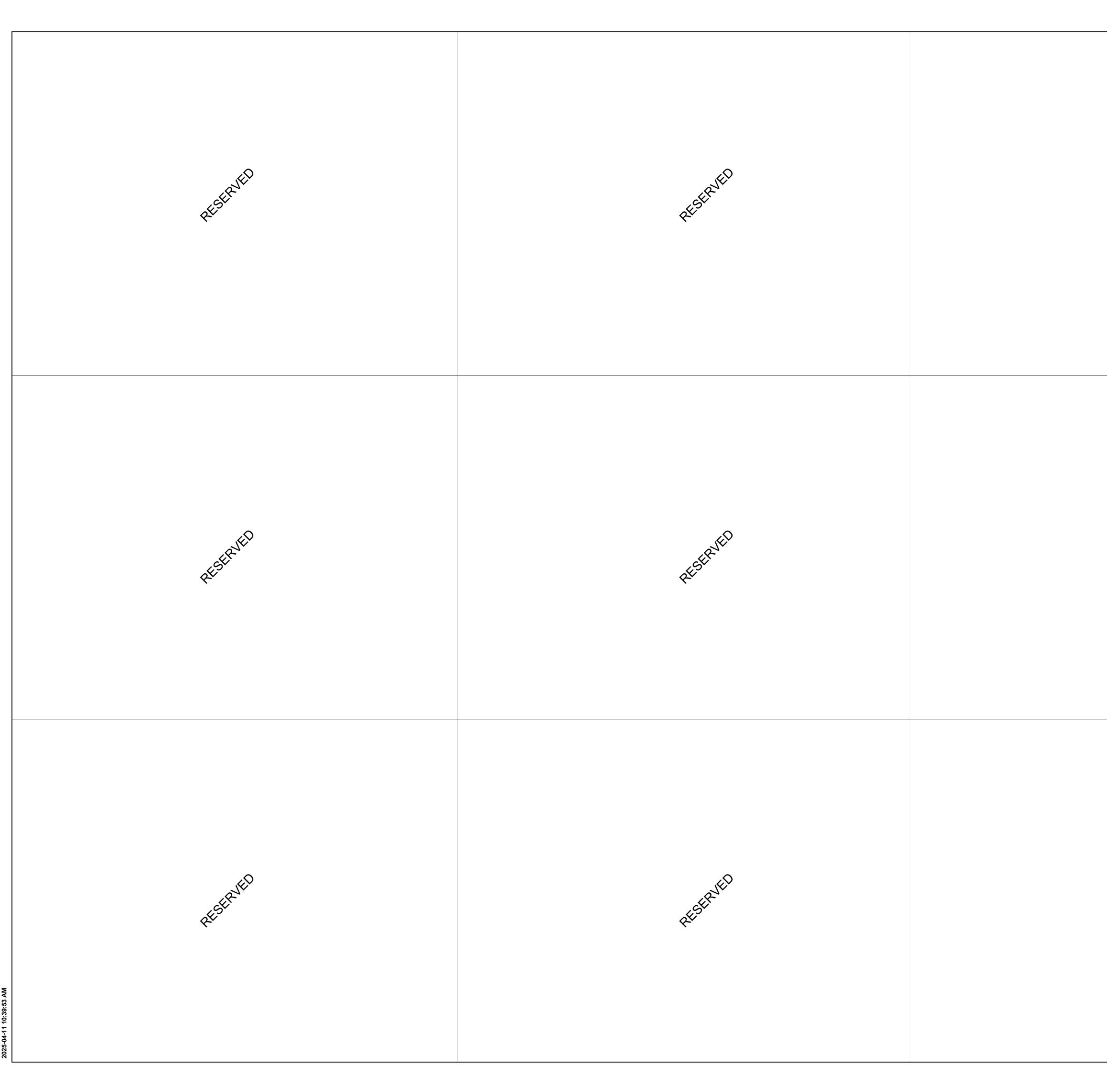
		SUPPORT / SHORE MASONRY WALL ABOVE THE LINTEL	ECTION 2	SECTION 2 DOUBLE ANGLE DETAIL 2	Corporate Real Es Project Manag Metro Hall T M5V COPYRIGHT This drawing has been prepared solely fo or distribution for any purpose other tha Written dimensions shall have preceden shall verify and be responsible for all dime Group shall be informed of any variatio shown on the drawing. Shop drawings sl conformance before pro	r the intended use, thus any reproduction an authorized by IBI Group is forbidden. ice over scaled dimensions. Contractors ensions and conditions on the job, and IBI ins from the dimensions and conditions hall be submitted to IBI Group for general ceeding with fabrication. Services (Canada) Inc. BI Group of companies
(8") WALL 39x89x7.9 0x6mm PL 27x89x7.9LLV	HE FOLLOWING 240 (10") WAL L89x89x7.9 +L127x89x7.9 L +220x6mm Pl L127x89x7.9LI +L127x127x7.	LV 3-L89x89x7.9 +270x6mm PL -V 9 3-L127x89x7.9LLV	BELOW 350 WALL 3-L127X89X7.9 (LLV)	430 WALL 3-L127X127X7.9 +410X6mm PL	CONSULTANTS	
JZAU9X9.3LLV	2-L152x89x9.5L	LV 3-L152x89x9.5LLV				,
				ASONRY WALL CUT OUT, RUCTURAL DETAIL	PROJECT NO: 9119- 19- 0162 / Arcad DRAWN BY: A. BOYNARIAN PROJECT MGR: F.BOLOURIAN SHEET TITLE DRYWALL SHEET NUMBER D1002	CHECKED BY: K. TILAHUN APPROVED BY: E. FENUTA CUT OUT



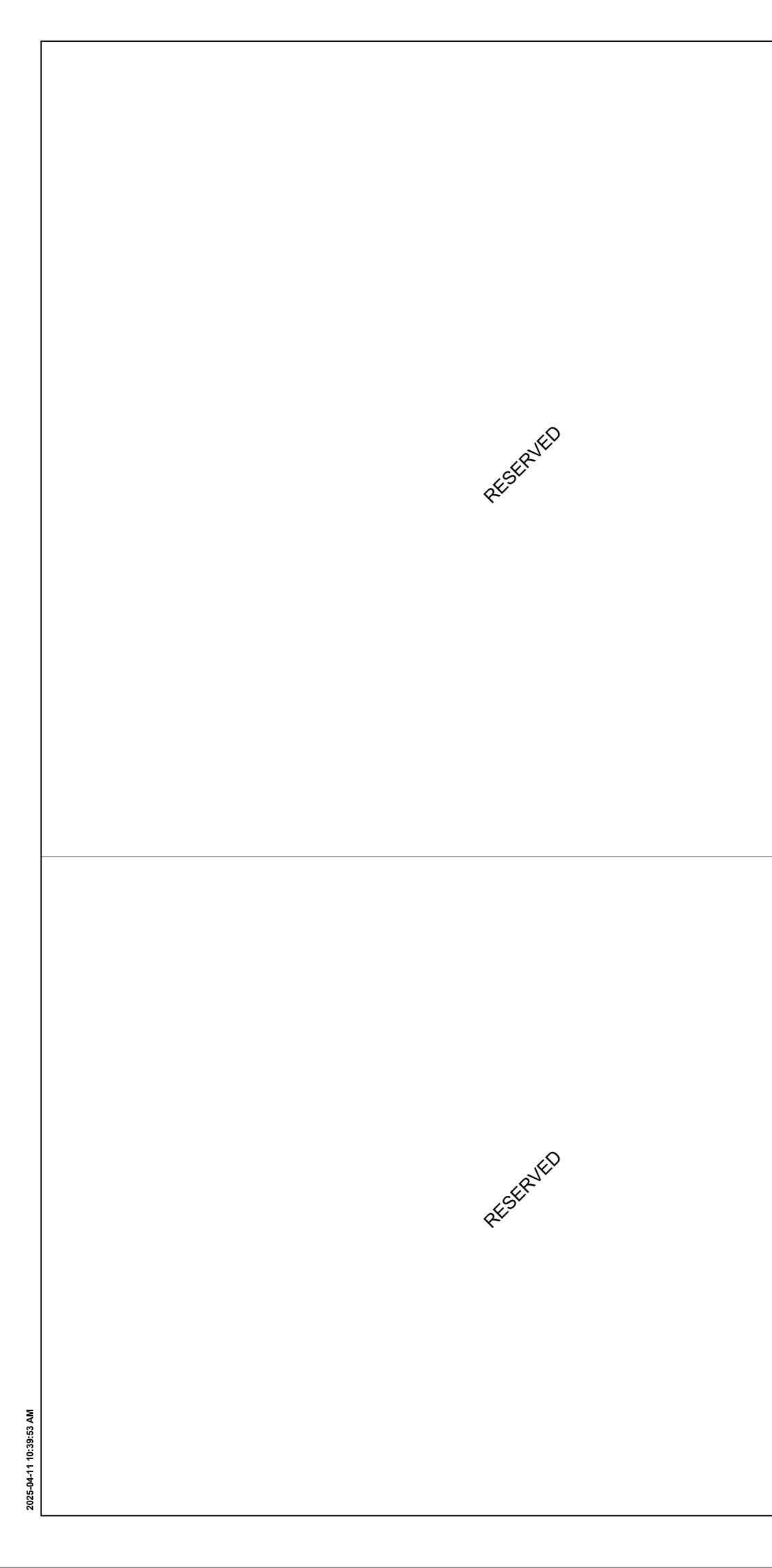


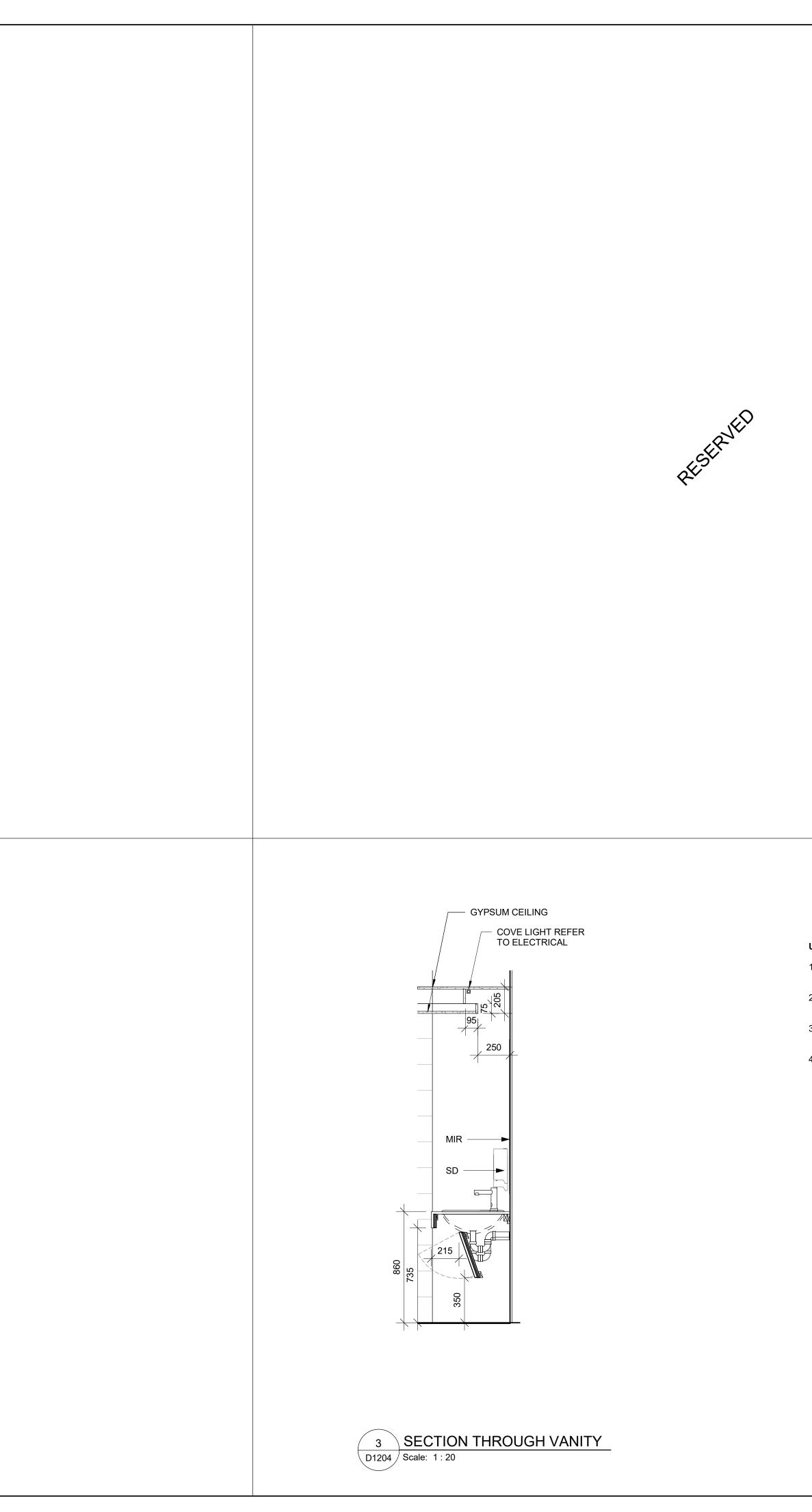


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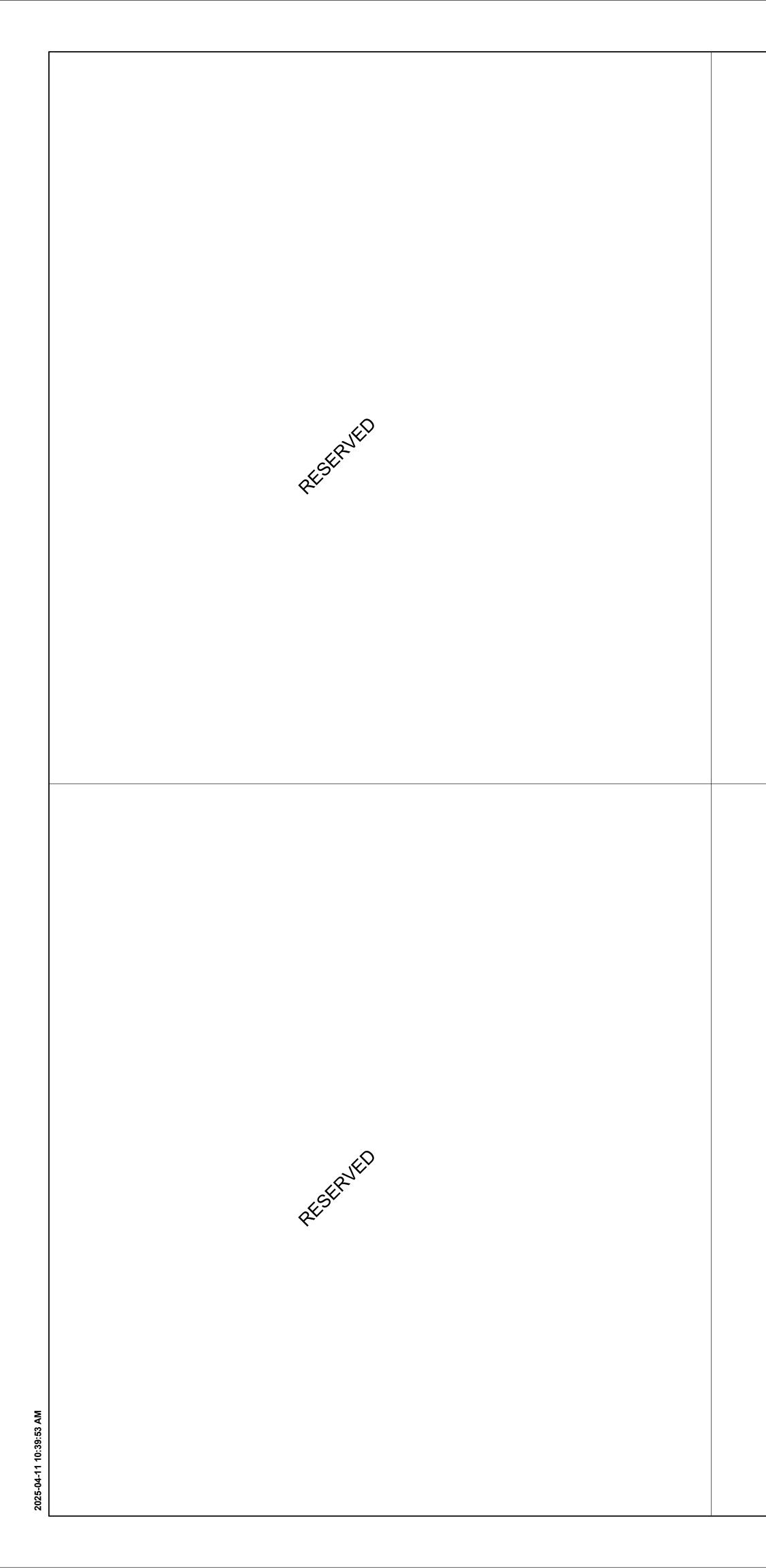




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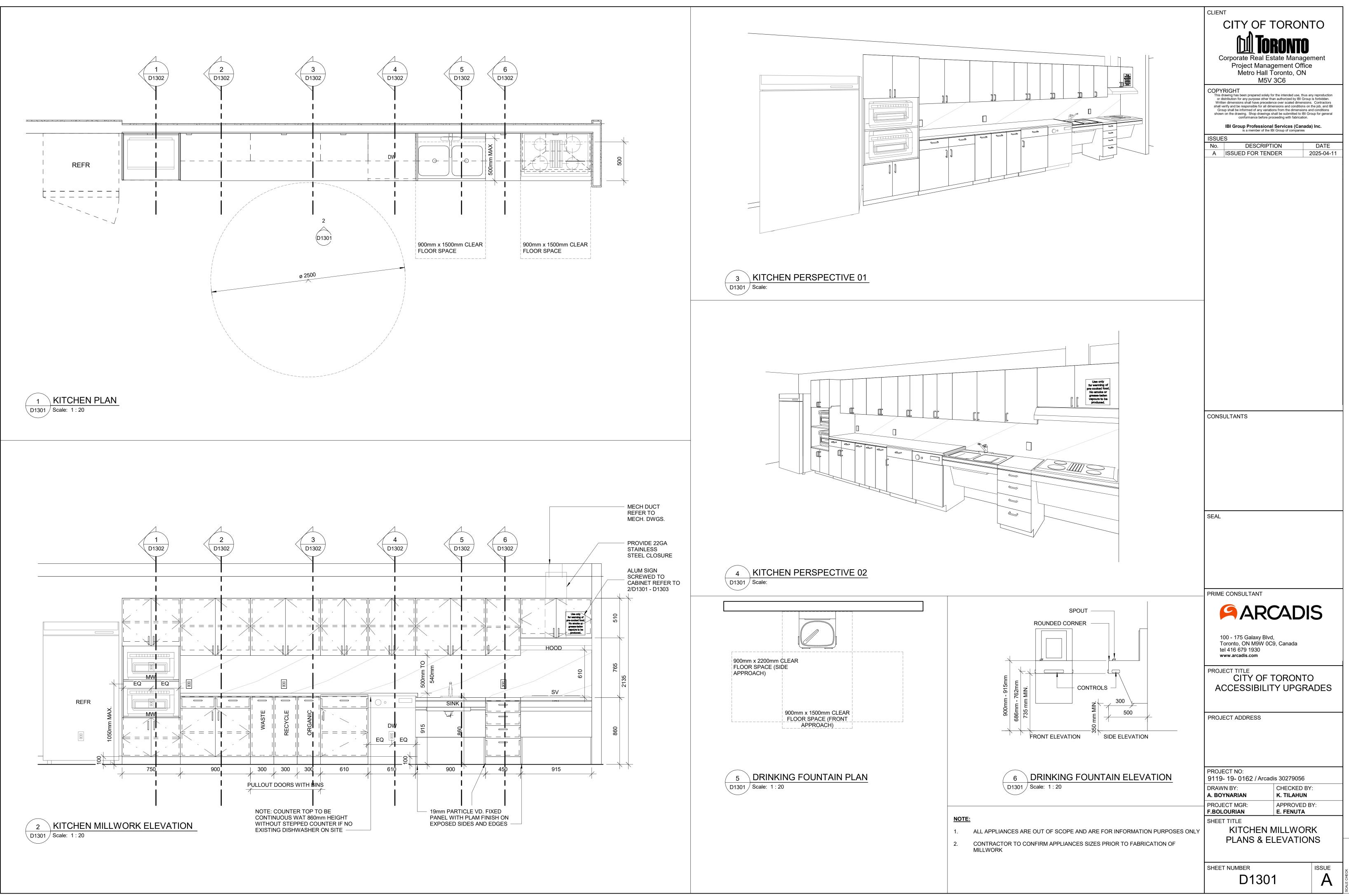
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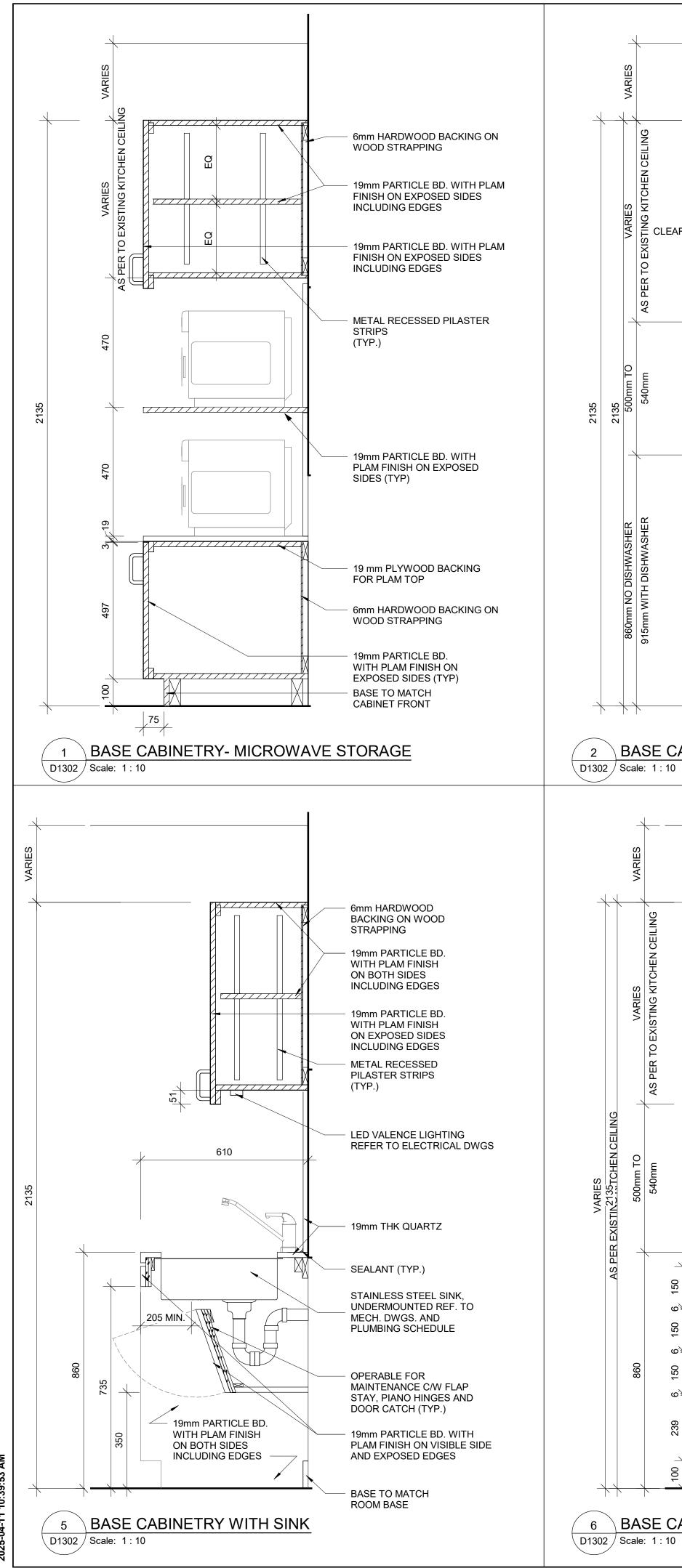
- 1. ALL DIMENSIONS ARE TAKEN FROM FINISH FLOOR SURFACE.
- 2. MOISTURE RESISTANT GYPSUM BOARD TO BE PROVIDED IN ALL WASHROOMS AND LOCKER ROOMS.
- 3. SEE STANDARD MOUNTING HEIGHT DETAILS 2/D1201, 3/D1201, 4/D1201 & 5/D1202
- 4. WASHROOM ARRANGMENTS FOR ILLUSTRATION PURPOSES - REFER TO EACH BUILDING ENLARGED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

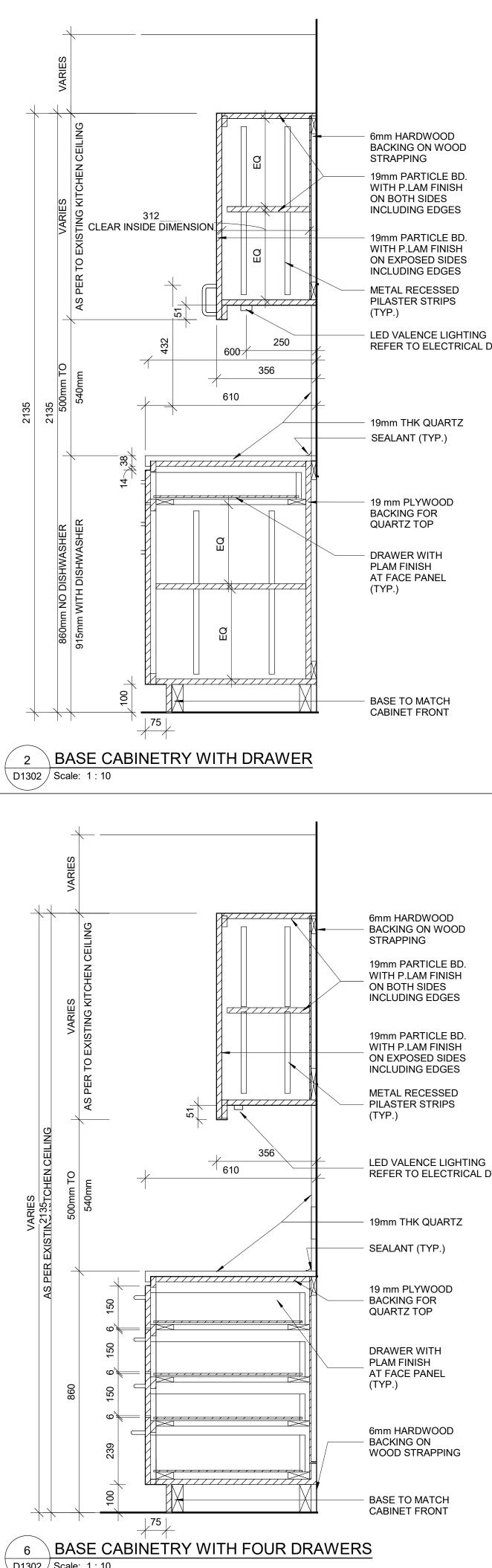


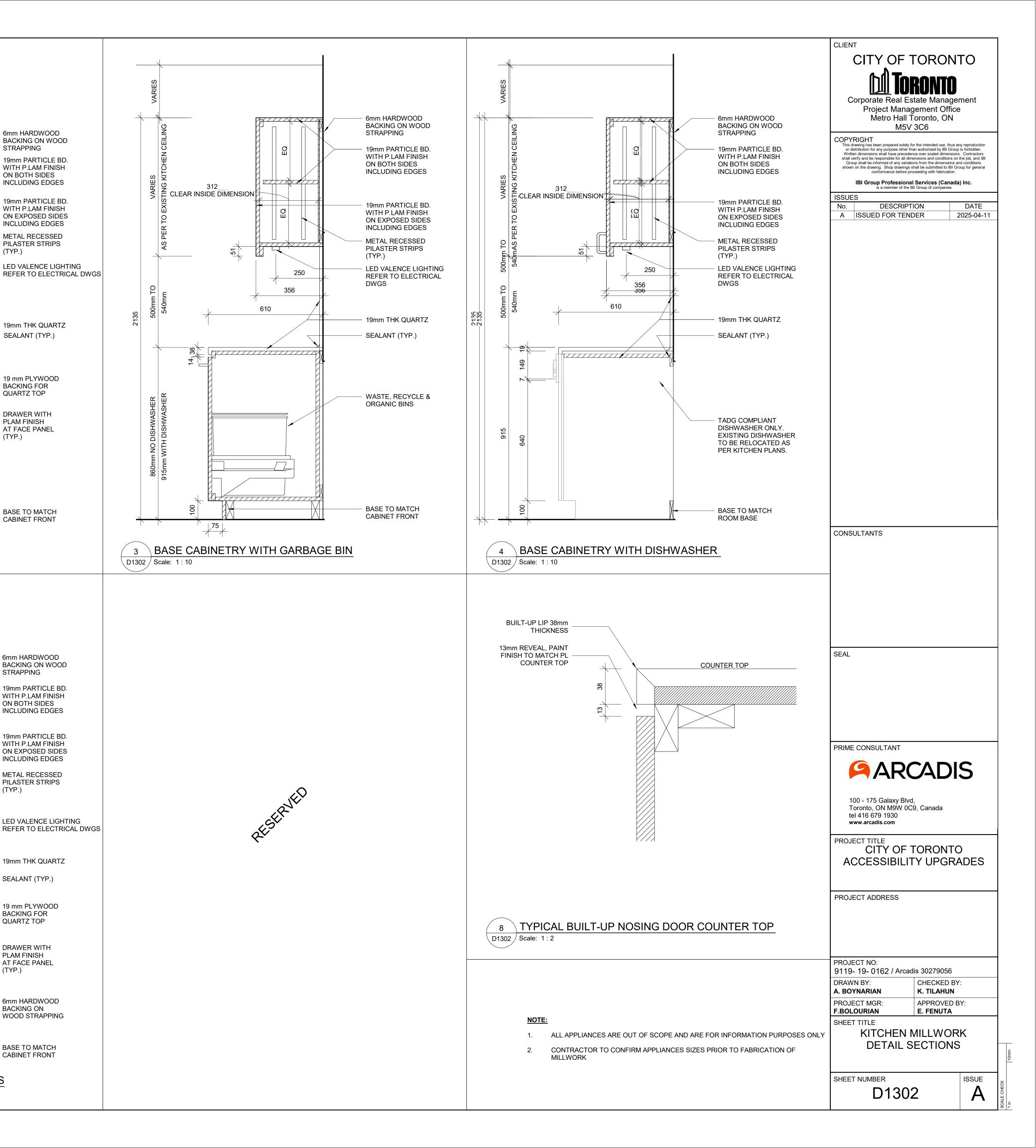
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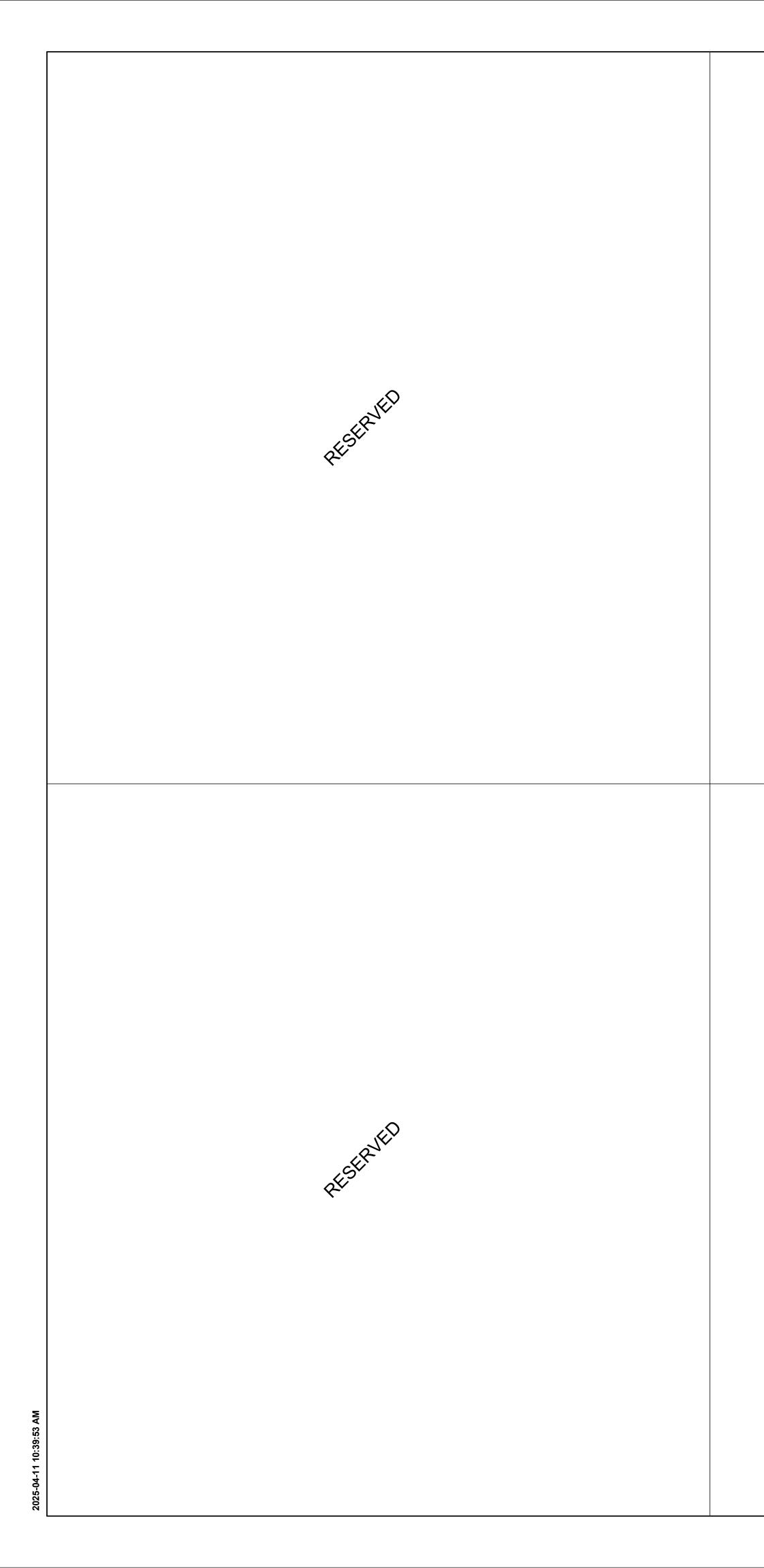
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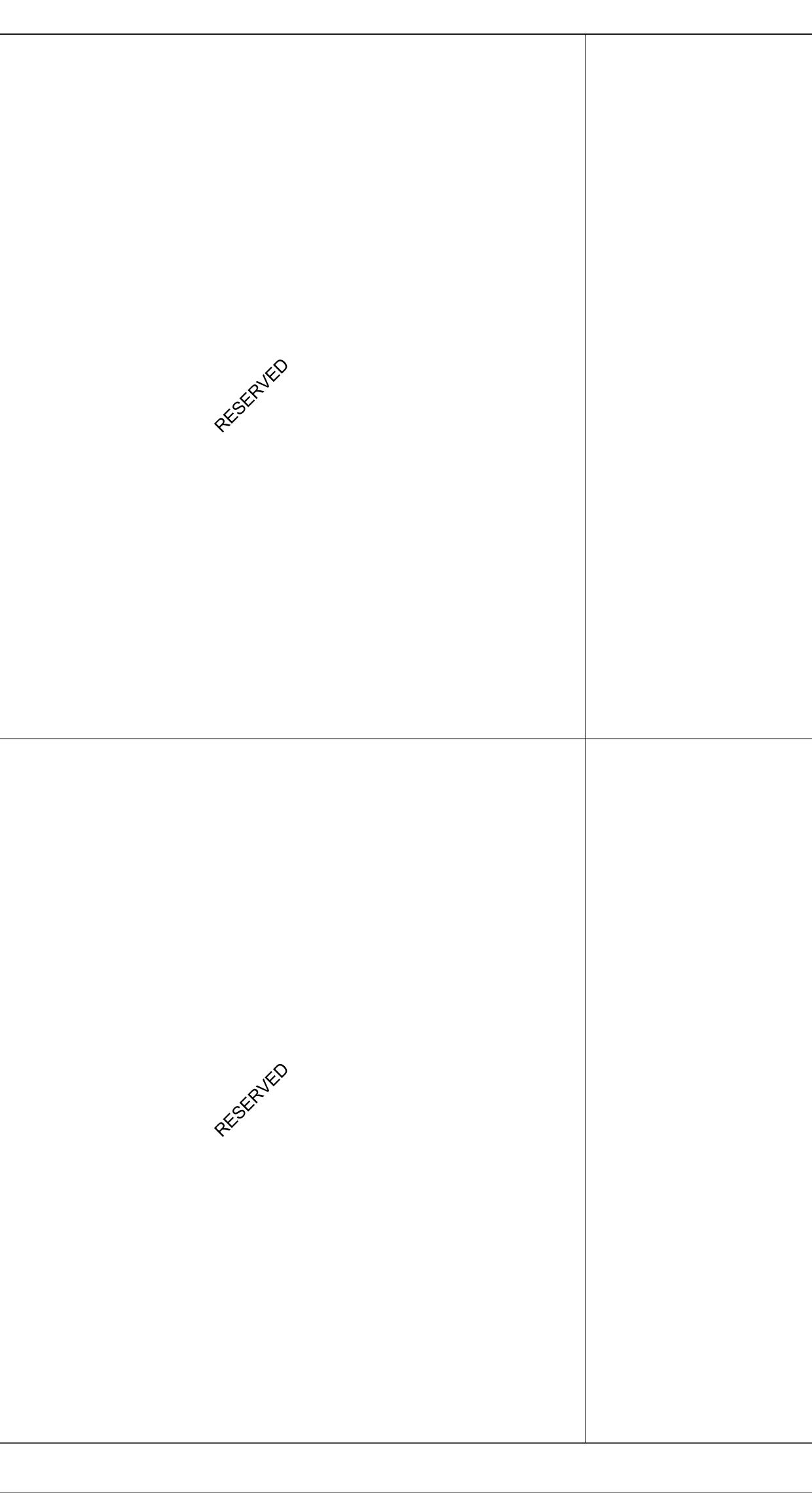




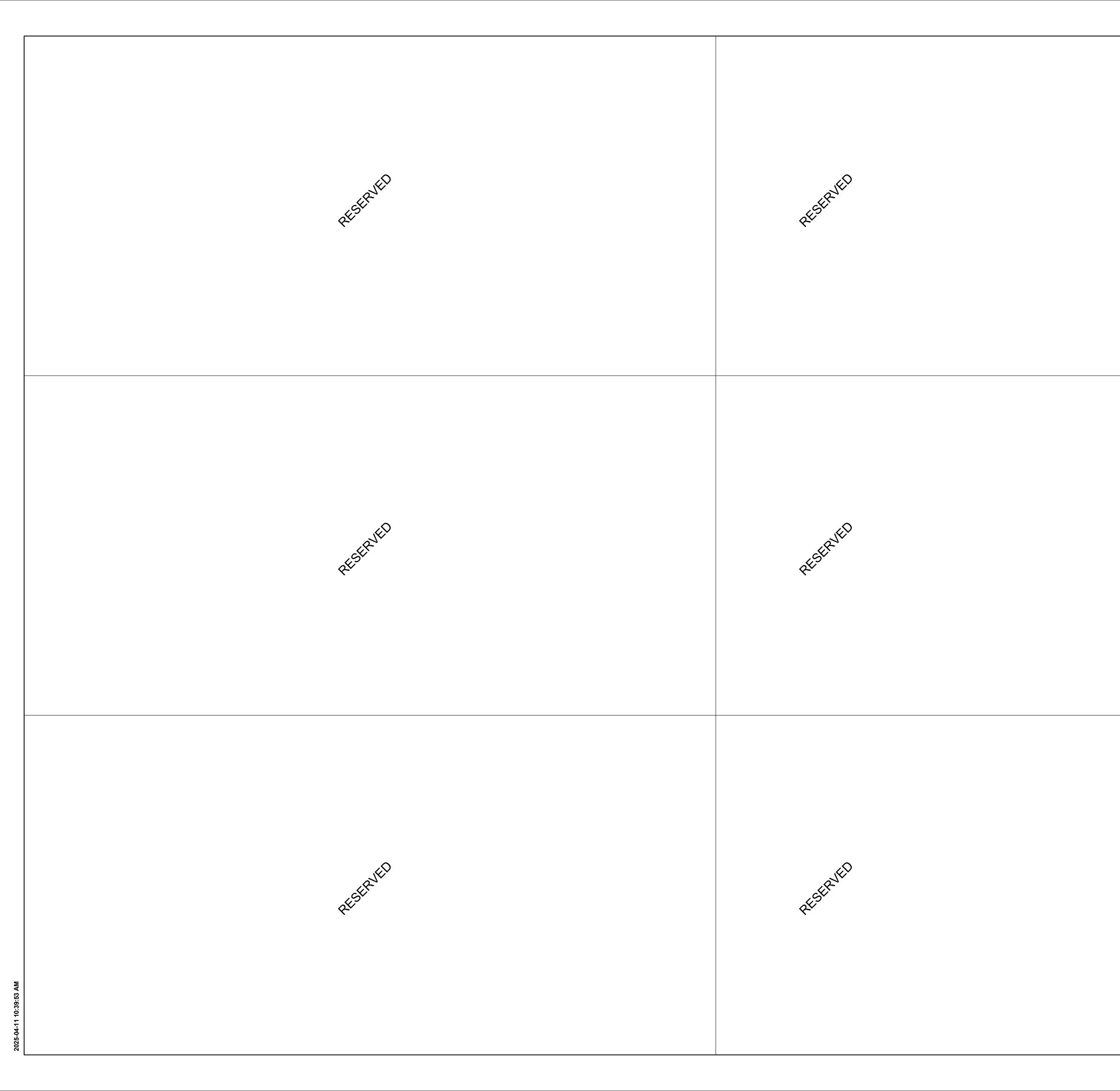




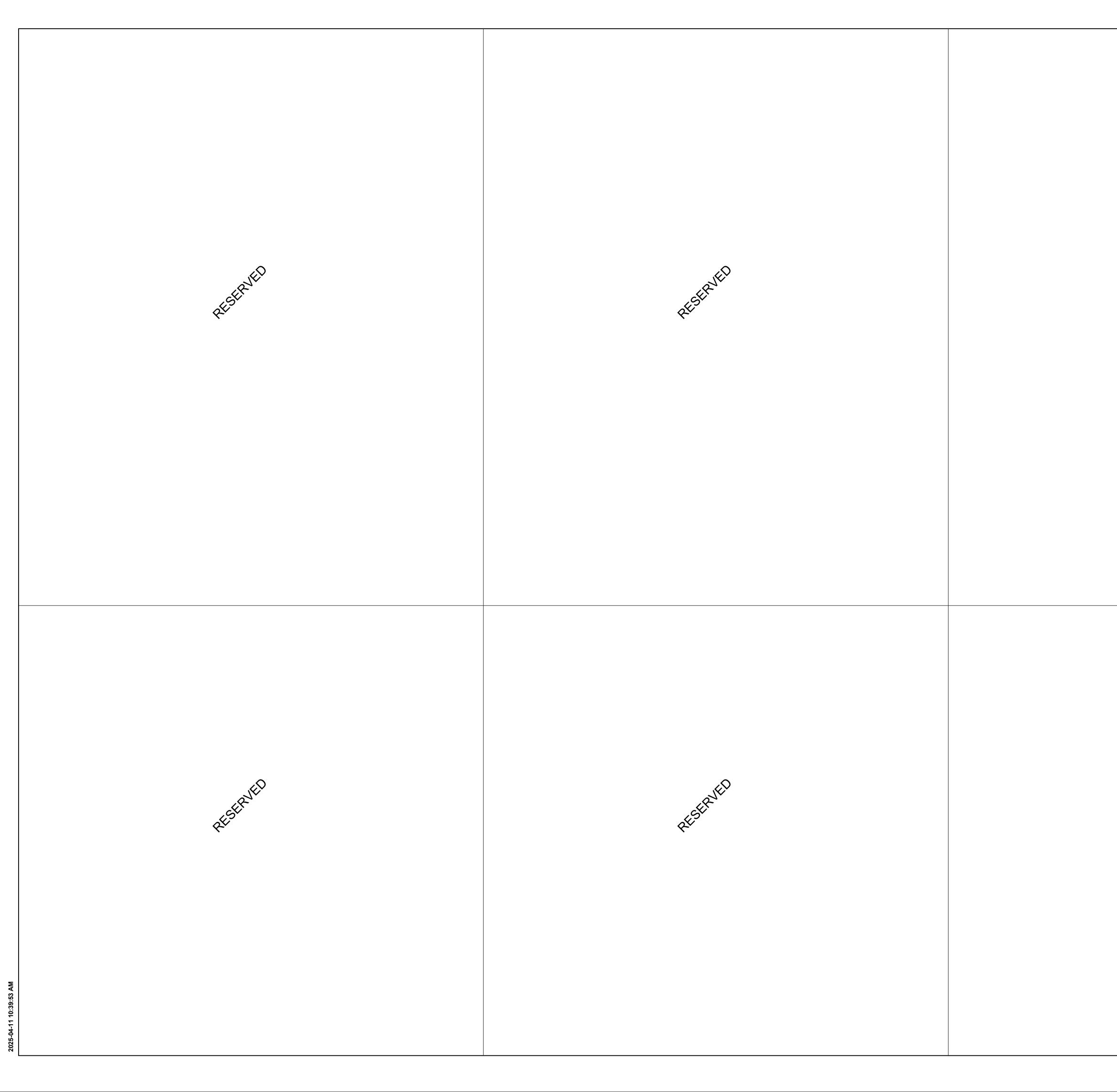




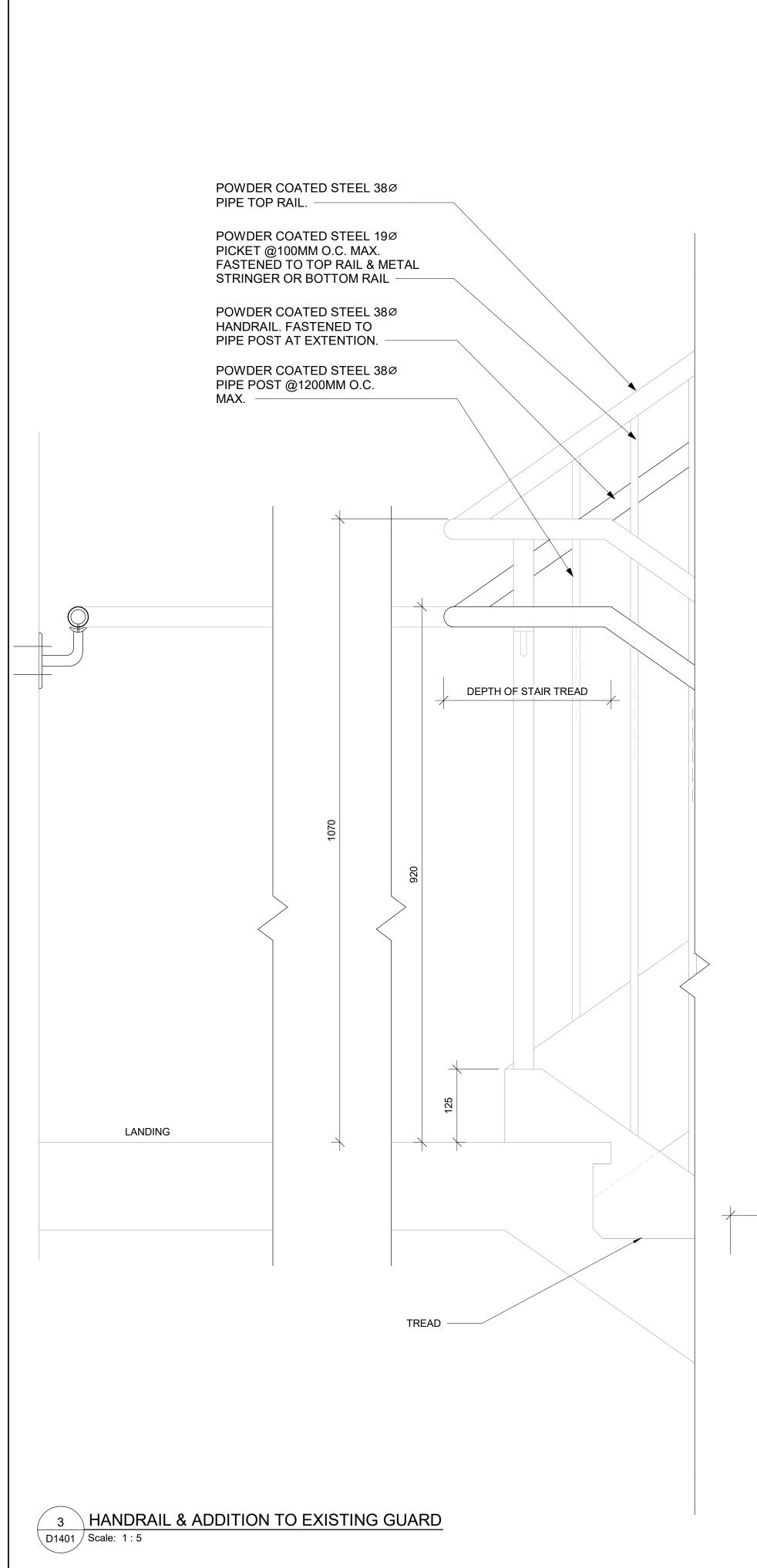
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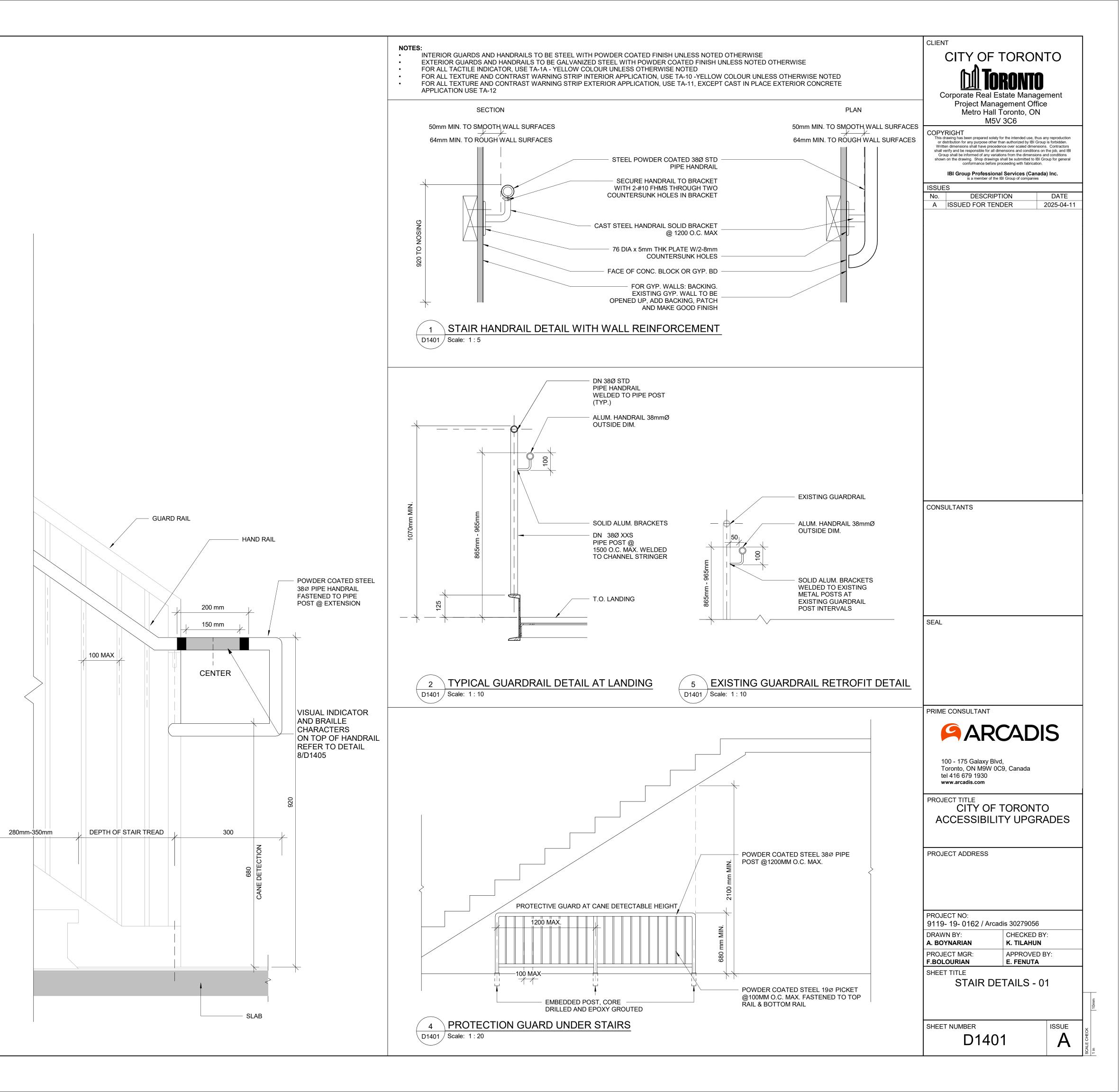


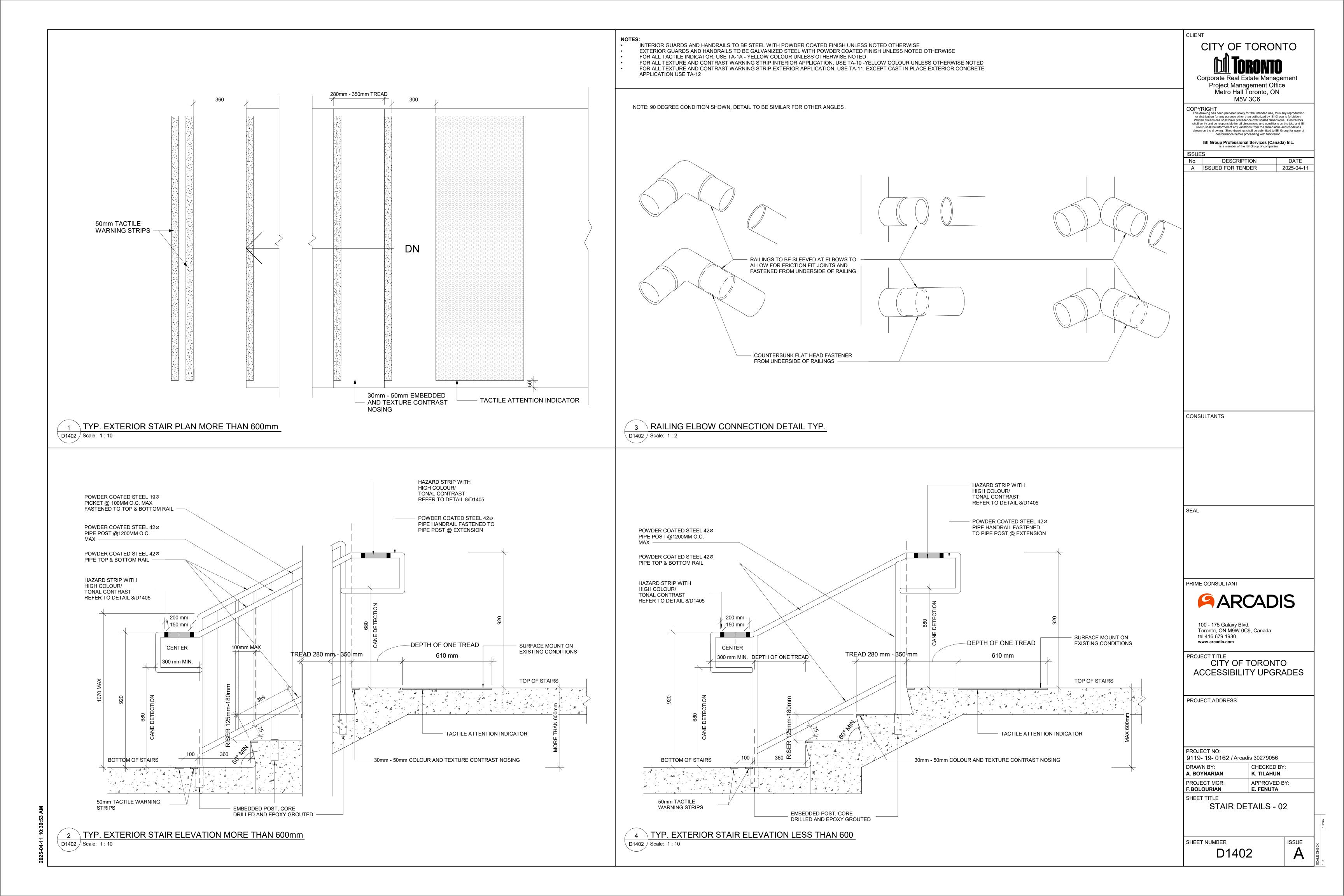
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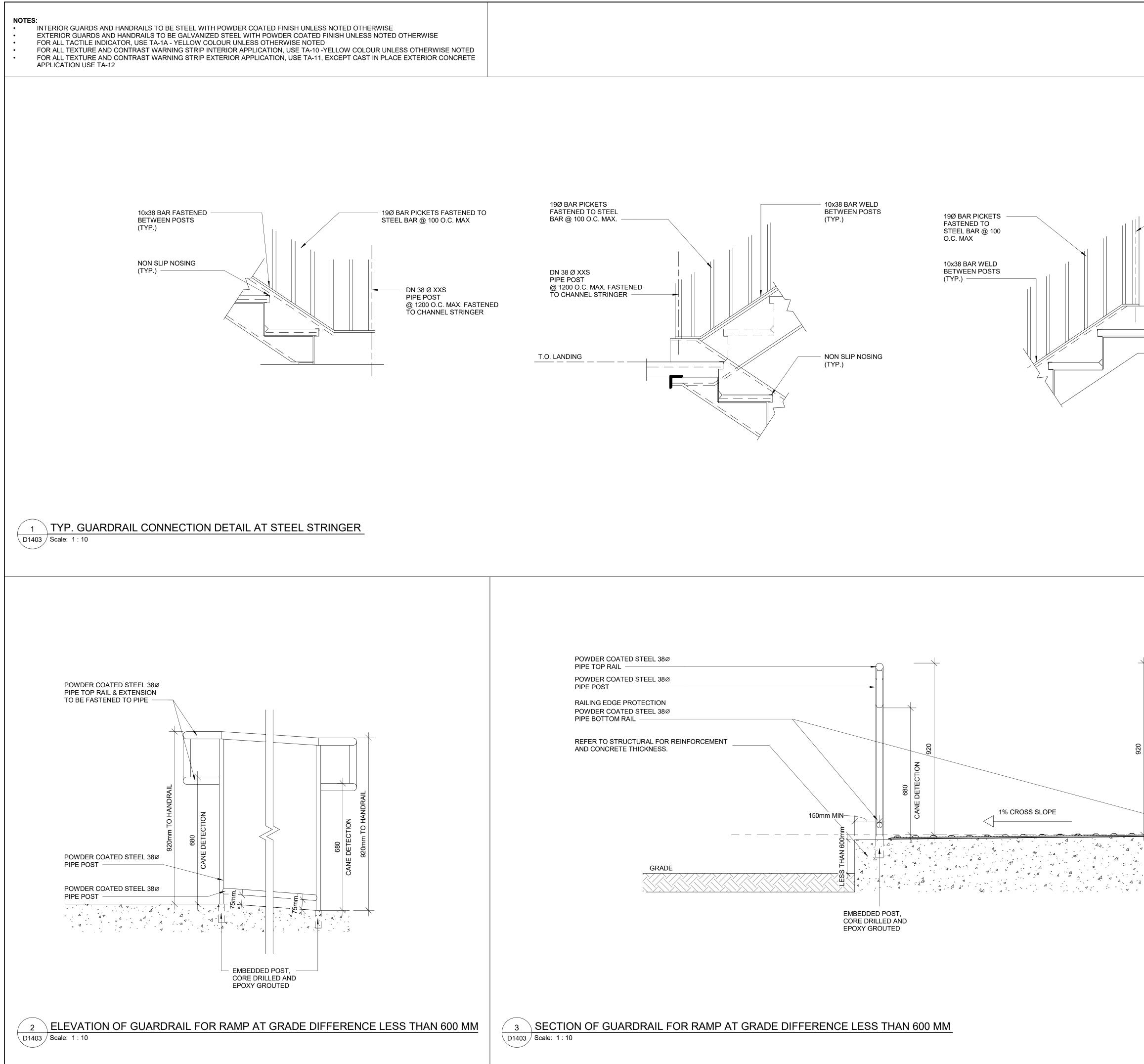


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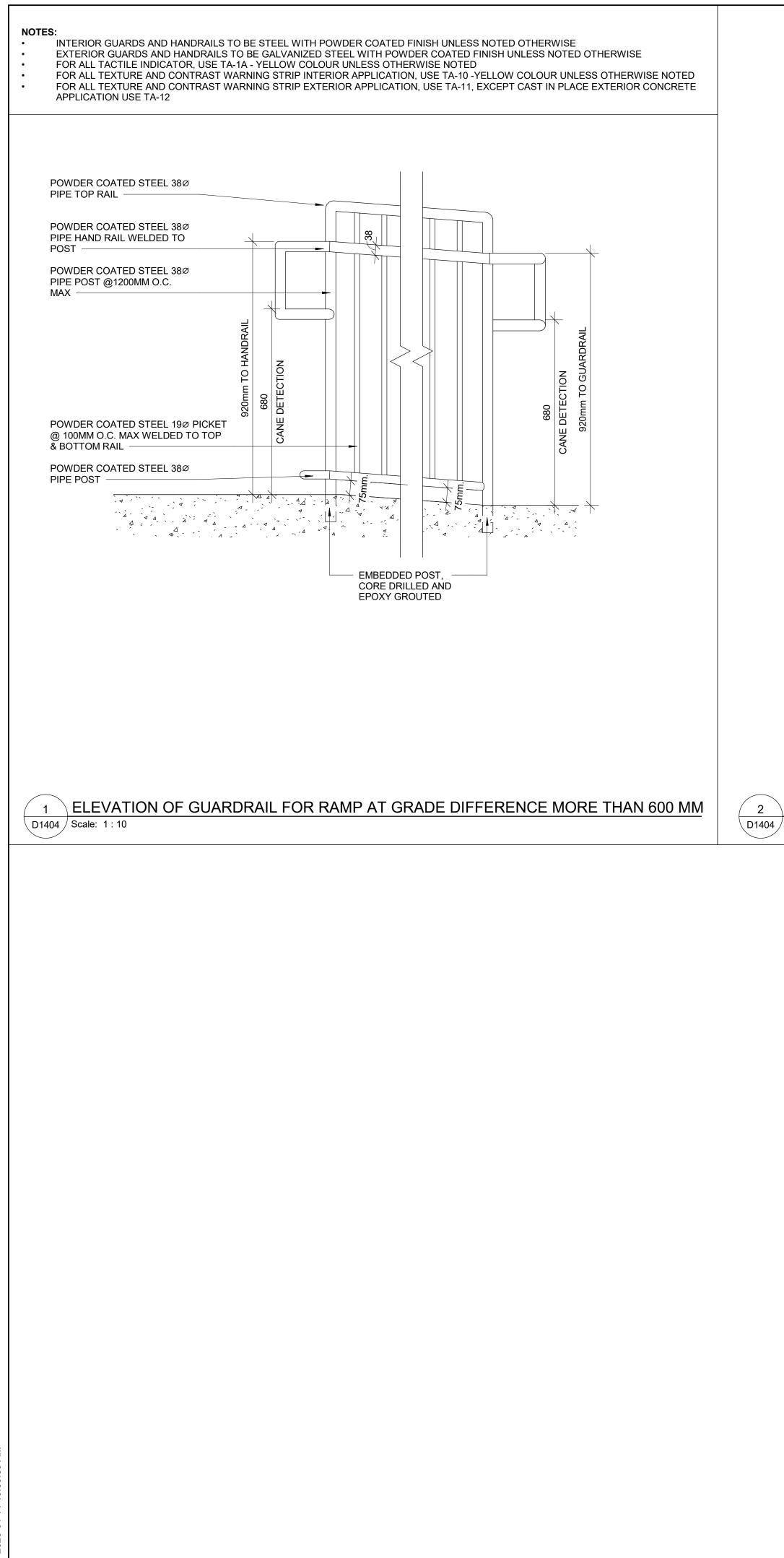


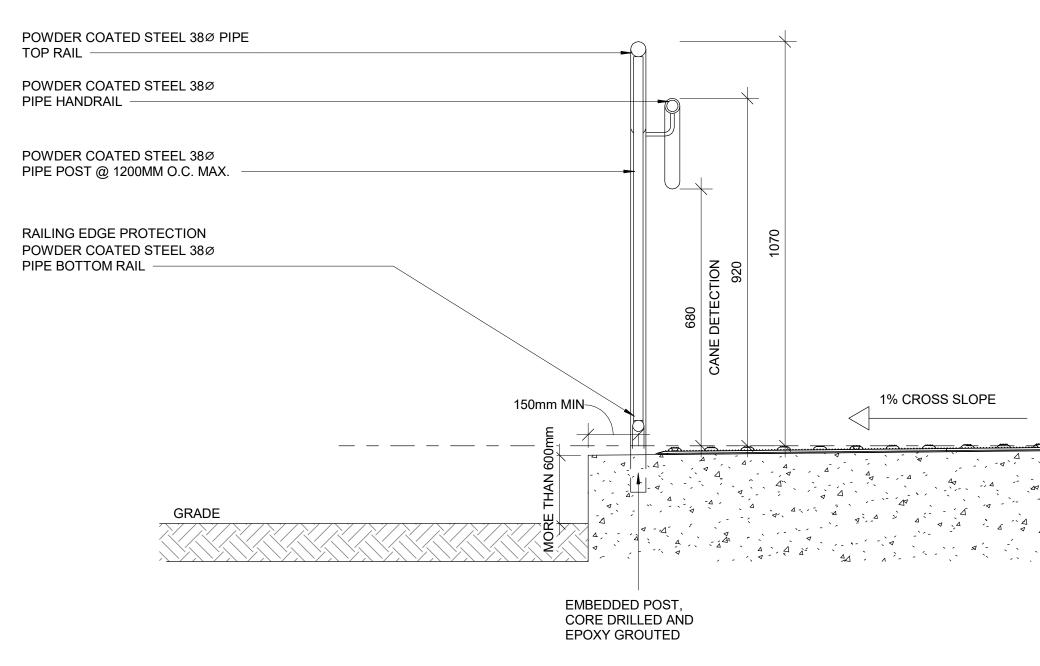




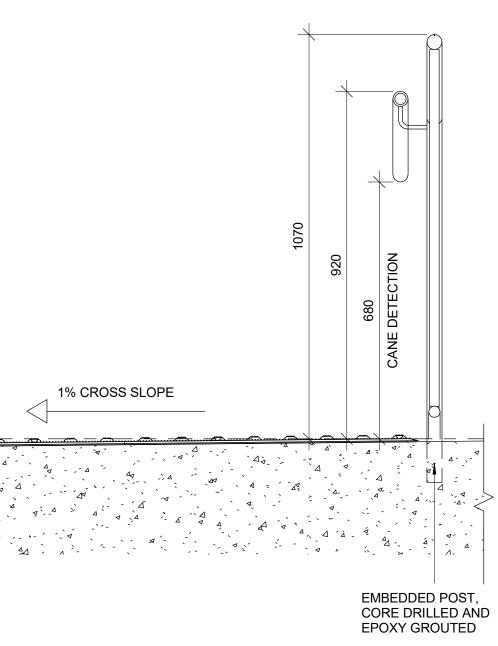


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	D1403 A





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



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This of or d Writt shall v Gro	RIGHT Irawing has been prepared a istribution for any purpose c en dimensions shall have pi erify and be responsible for up shall be informed of any n on the drawing. Shop dra conformance be	solely for the inten other than authoriz recedence over so r all dimensions an v variations from th wings shall be sub fore proceeding w	red by IBI Group aled dimensions id conditions on t e dimensions an omitted to IBI Gro ith fabrication.	is forbidden. . Contractors the job, and IBI id conditions oup for general
ISSUE	IBI Group Profess is a member of S	of the IBI Group of	ເວລາເບັດກາສິດີສິ companies	, me.
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TA - 1a EXTERIOR AND INTERIOR APPLICATION

	VARIES (610mm - 915mm - 1220mm)														
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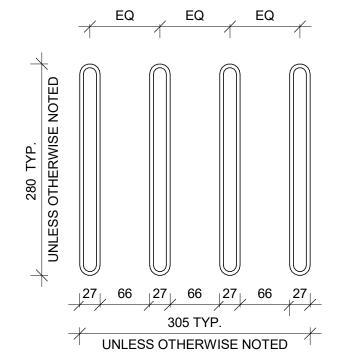
1 TACTILE ATTENTION INDICATOR D1405 Scale: 1:5

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TA-8 INTERIOR APPLICATION



2 GUIDANCE BARS PLAN D1405 Scale: 1:5





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

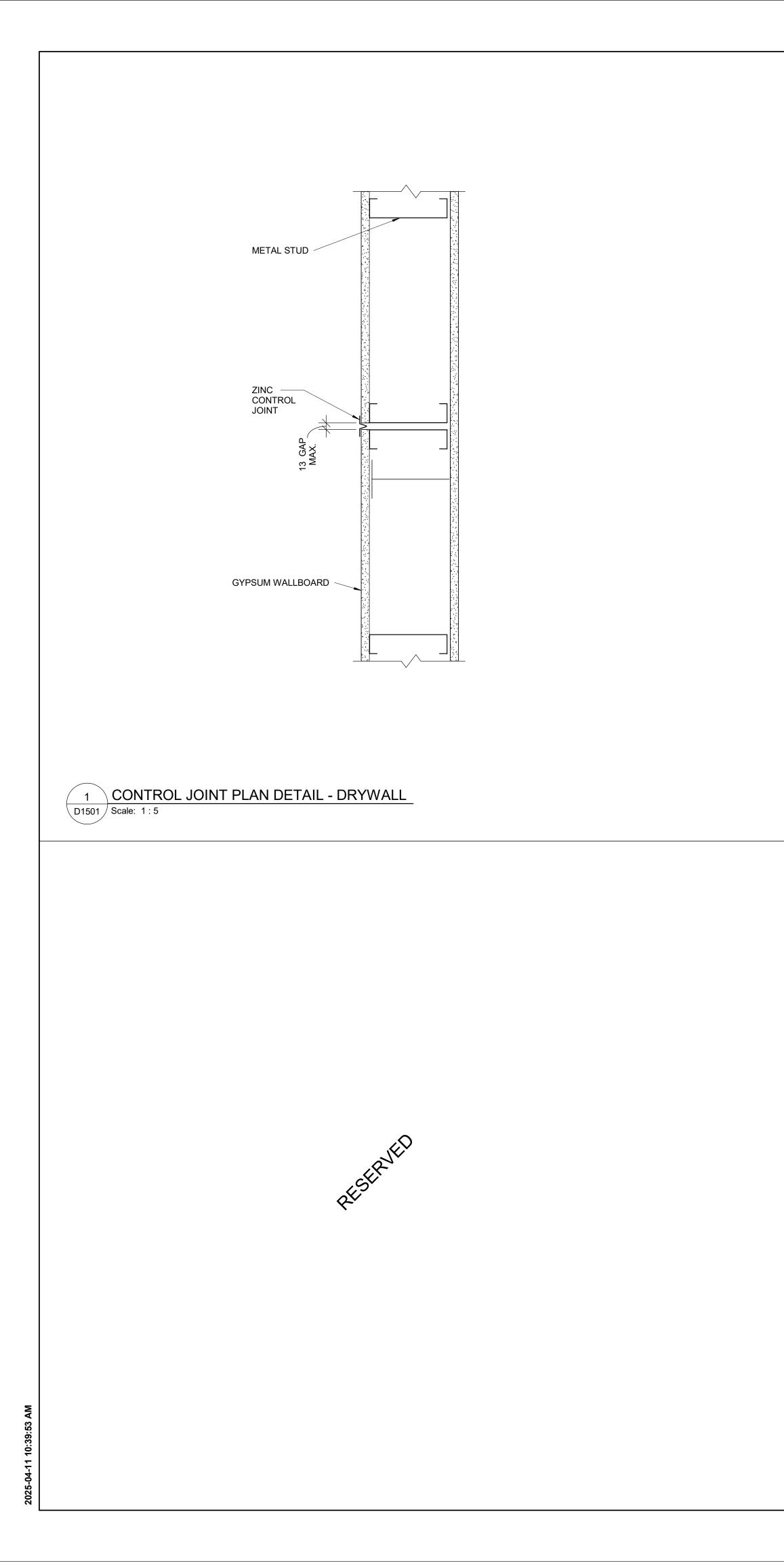
> BRAILLE INDICATES FLOOR LEVEL AND NUMBER ON TOP OF RAILING. SEE 10/D1405

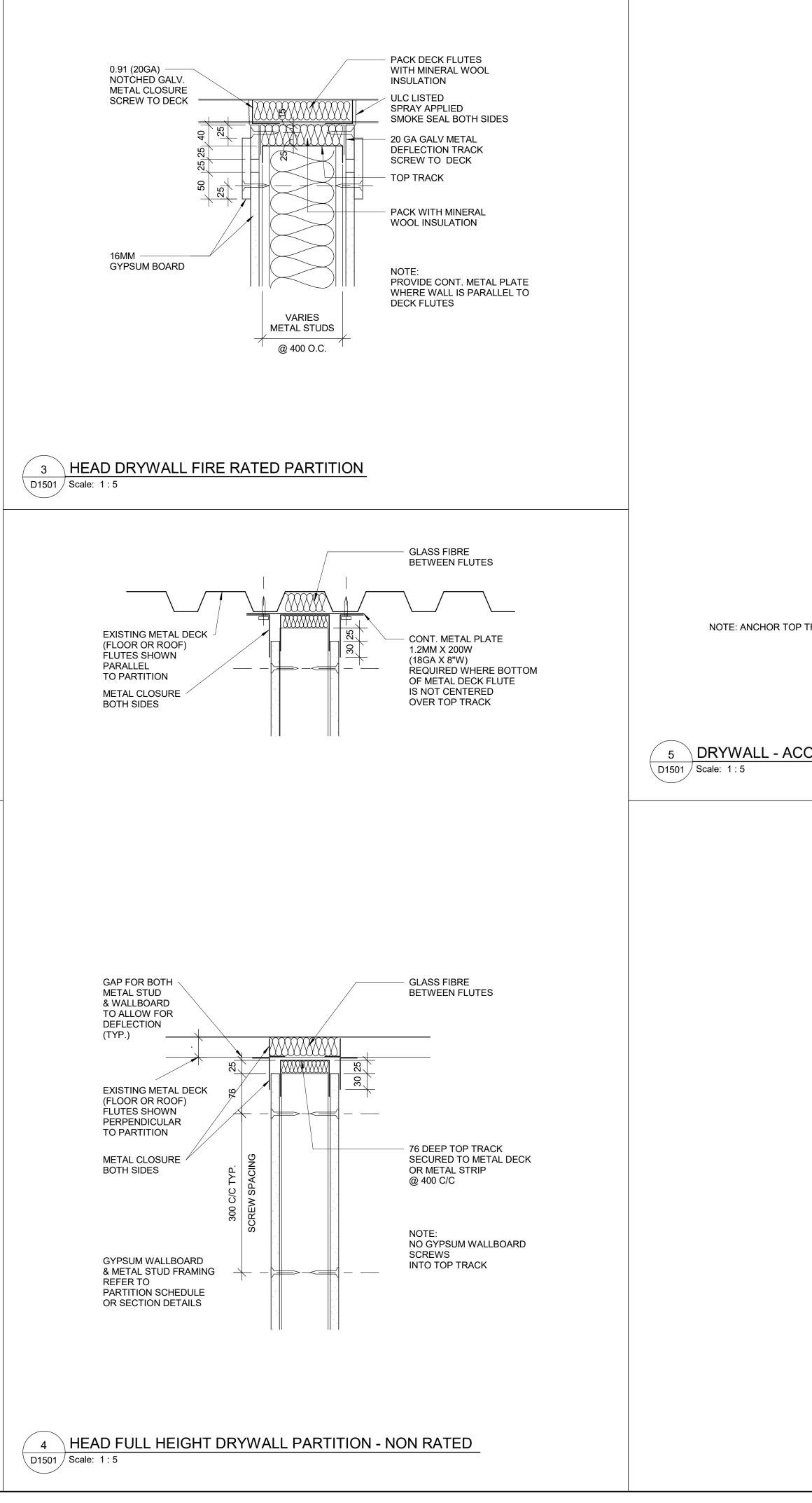
8 HANDRAIL WARNI. D1405 Scale: 1:10

> 150mm LONG YELLOW CO WAYFINDING SIGN WITH 25mm WIDE RED COLOUF SIDE OF THE SIGN

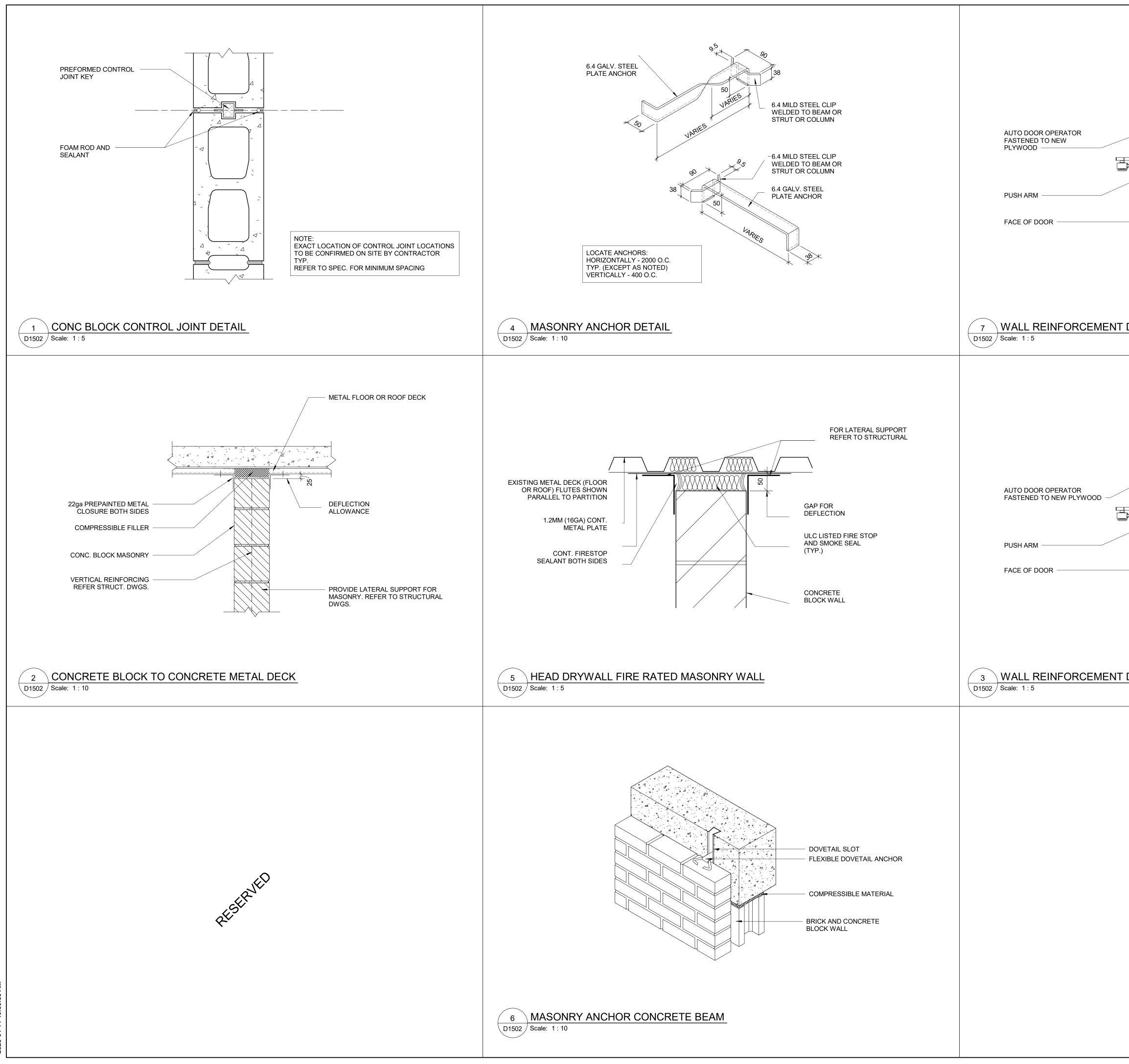


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	Project Management Office
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	tel 416 679 1930 www.arcadis.com
	CITY OF TORONTO ACCESSIBILITY UPGRADES
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	PROJECT NO: 9119- 19- 0162 / Arcadis 30279056
CENTER	DRAWN BY: A. BOYNARIAN K. TILAHUN
	PROJECT MGR: APPROVED BY:
	F.BOLOURIAN E. FENUTA
VEL AND NUMBER ON TOP	SHEET TITLE
VEL AND NUMBER ON TOP	SHEET TITLE TACTILE DETAILS
/EL AND NUMBER ON TOP	
RAILLE INDICATES FLOOR EVEL AND NUMBER ON TOP FRAILING.	

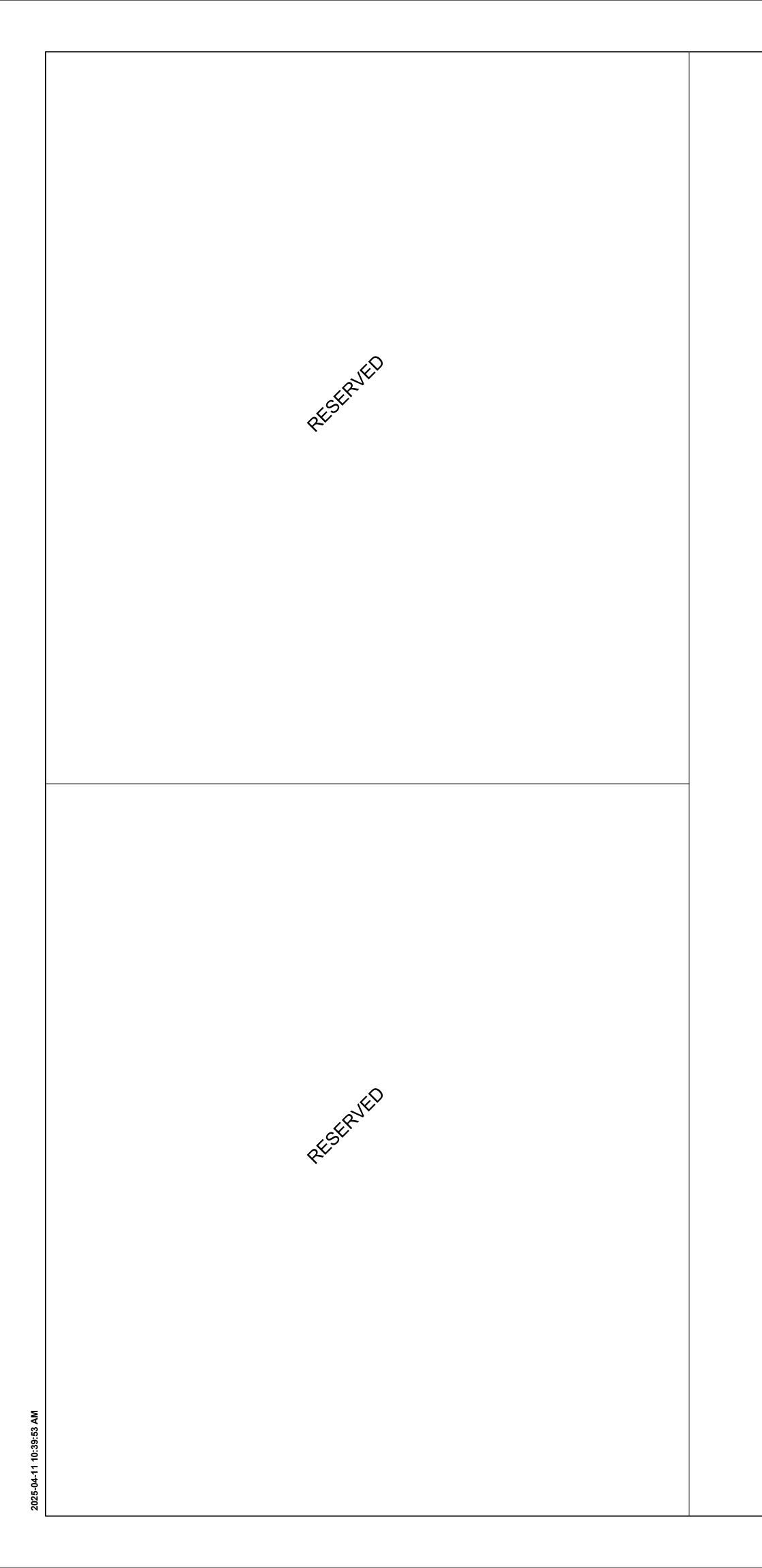


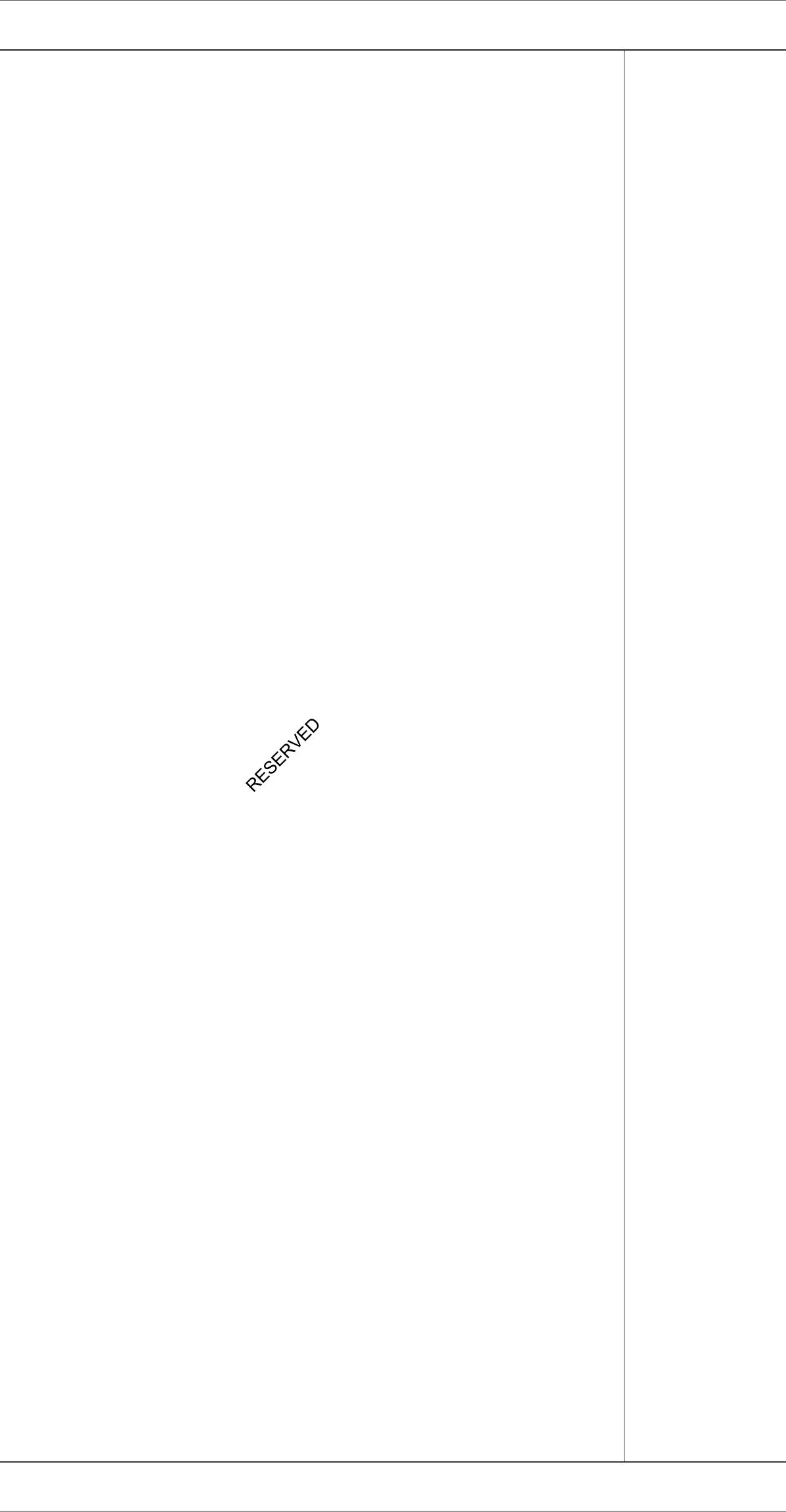


TRACK TO T-BAR WITH CLIPS OR FASTENERS	 U/S OF SLAB OR DECK PROVIDE ACOUSTIC SEALANT WHERE BAFFLE MEETS SURFACE 2 SHETS 1" RIGID INSULATION W/ FOIL BACKING. FOIL TAPE ALL EXPOSED EDGES OF MINERAL WOOL INSULATION FINISHED CEILING AS SPECIFIED CLOSED CELL FOAM TAPE CENTER PARTITION ON T-BAR UNLESS NOTED SINGLE LAYER 16MM GWB ONE SIDE 2 12.7MM METAL STUDS AT 400MM O/C 51MM BATT INSULATION SOUND ATTENUATION BLANKET APPLIED BASE AS SPECIFIED ACOUSTIC SEALANT FINISHED FLOOR 5 DO NOT SCREW TO MAIN T'S 	<text><text><text><text><text><text><text><text></text></text></text></text></text></text></text></text>
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		PRIME CONSULTANT
		100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com
		PROJECT TITLE CITY OF TORONTO ACCESSIBILITY UPGRADES
		PROJECT ADDRESS
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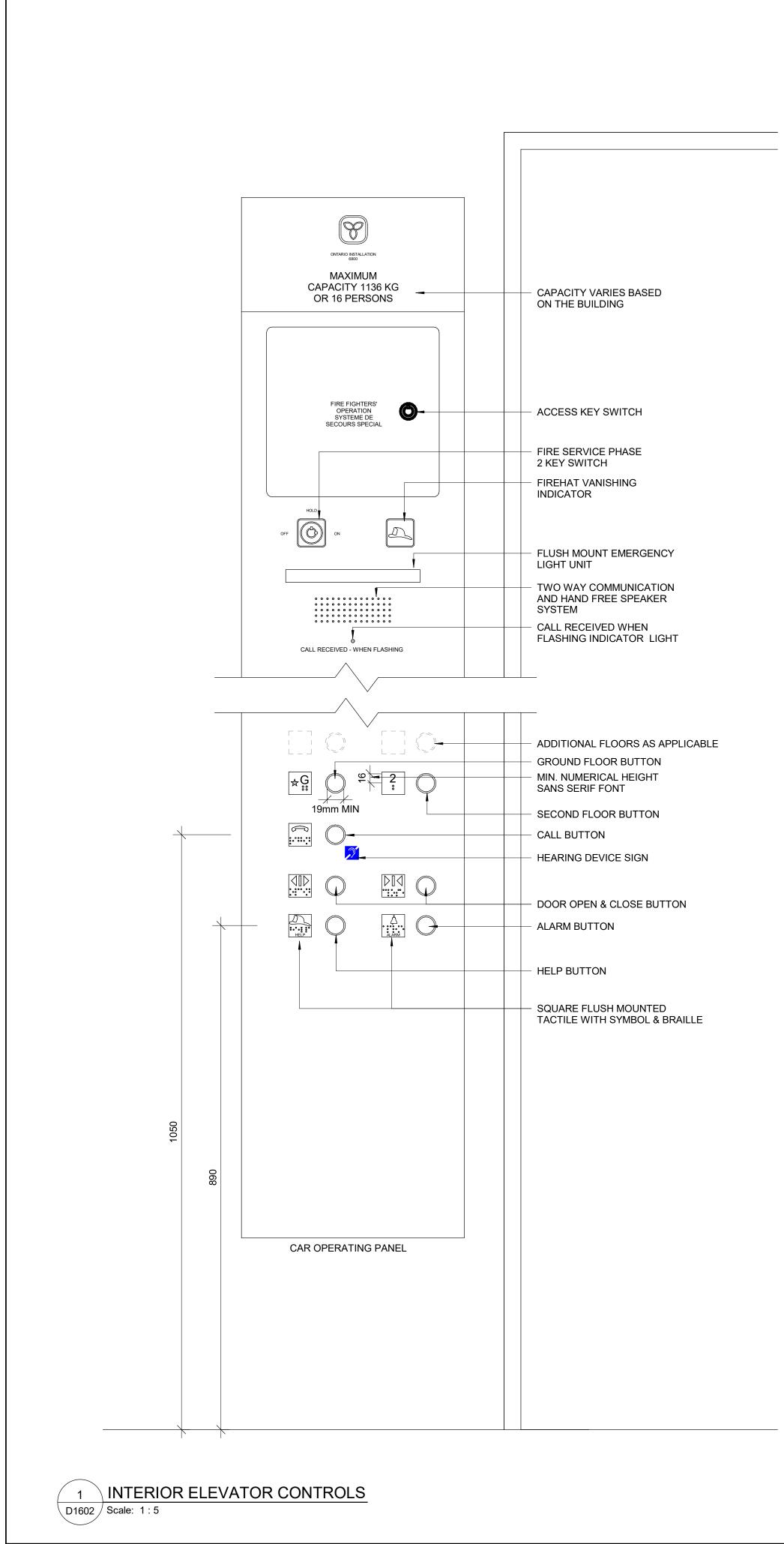
EXISTING GYPSUM WALL BOARD. REFER TO FLOOR PLAN. NEW 12mm FIRE-RETARDENT TREATED PLVWOOD FILLER PLATE. SAND, PAINT AND SEAL EXPOSED EDGES TO MATCH PT3. EXISTING STUDS. TO BE SITE VERIFIED MIN. 10 SCREWS IN A STAGGERED PATTERN, EQUALLY SPACED ACROSS THE FRAME WIDTH	<section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header>
T DETAIL FOR DOOR OPERATOR AT EXISTING GB PARTITION	
GYPSUM WALL BOARD. REFER TO FLOOR PLAN. NEW 12mm FIRE-RETARDENT TREATED PLYWOOD FILLER PLATE. SAND, PAINT AND SEAL EXPOSED EDGES TO MATCH PAINTED WALL. GALVANIZED 18Ga SHEET METAL REINFORCEMENT SECURED TO METAL STUDS STEEL STUDS. SIZES VARY REFER TO WALL TYPE	CONSULTANTS
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T DETAIL FOR DOOR OPERATOR AT NEW GB PARTITION	PRIME CONSULTANT PRIME CONSULTANT 100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com
	PROJECT TITLE CITY OF TORONTO ACCESSIBILITY UPGRADES PROJECT ADDRESS
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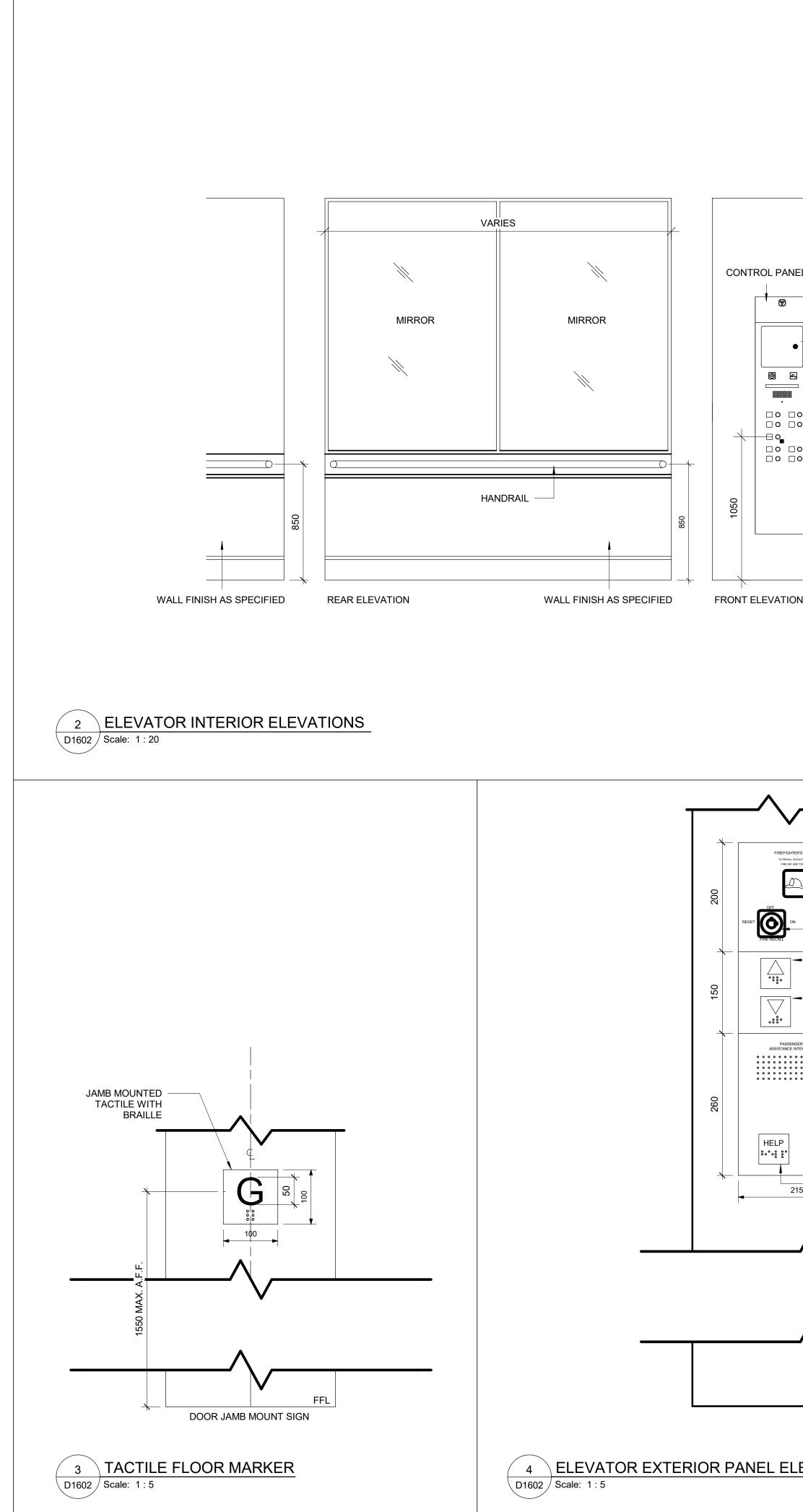


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Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com
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CITY OF TORONTO
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9119- 19- 0162 / Arcadis 30279056 DRAWN BY: CHECKED BY:
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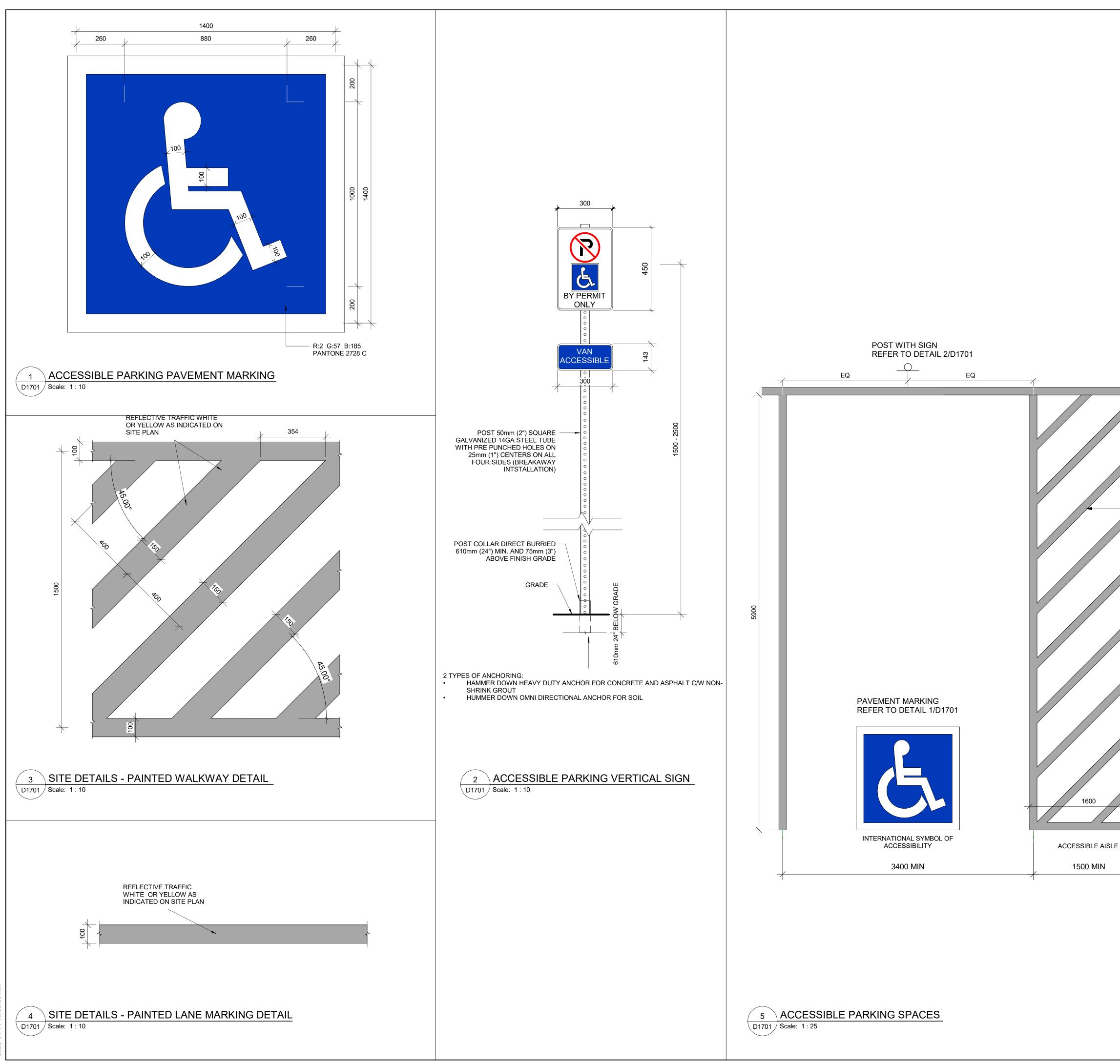




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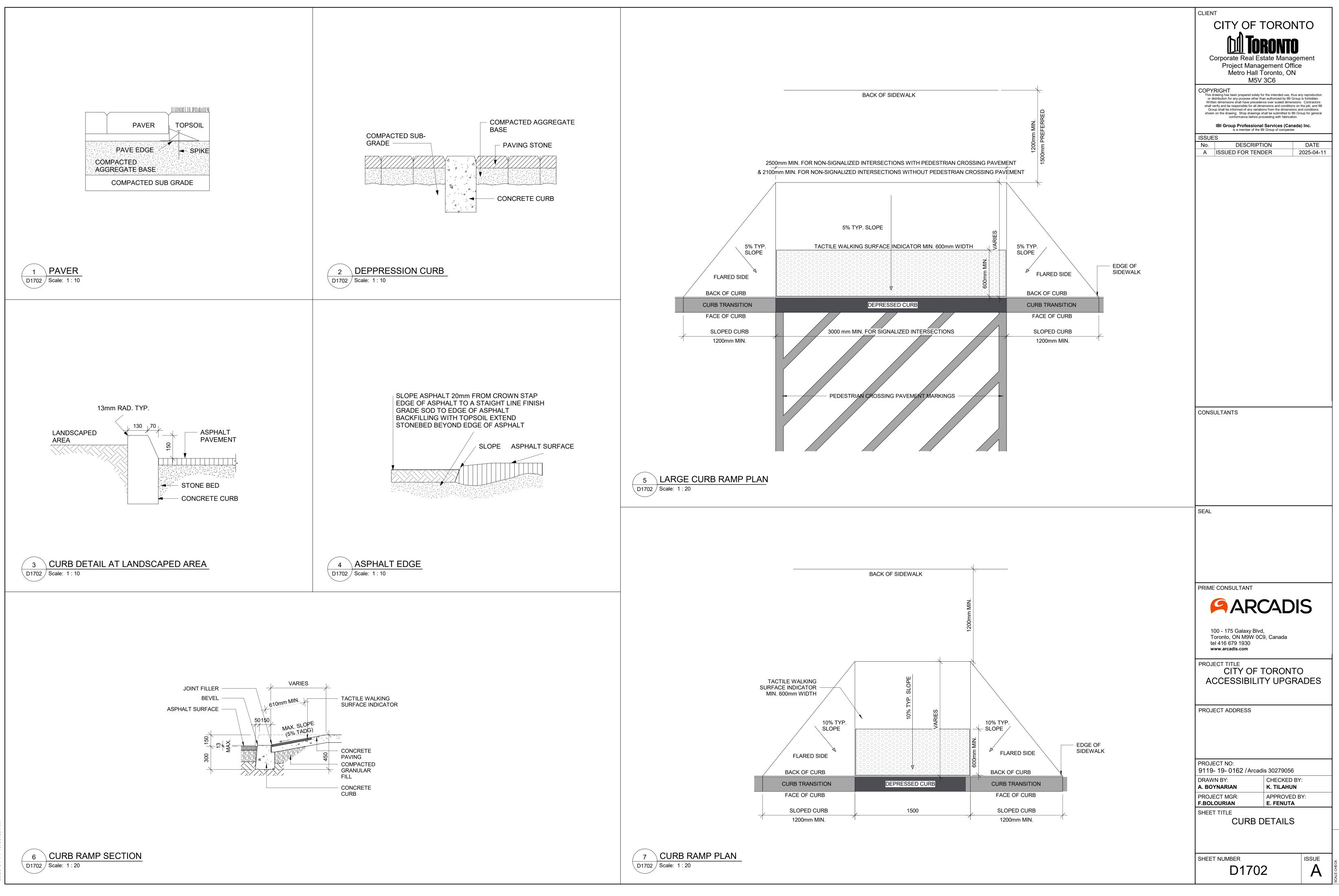


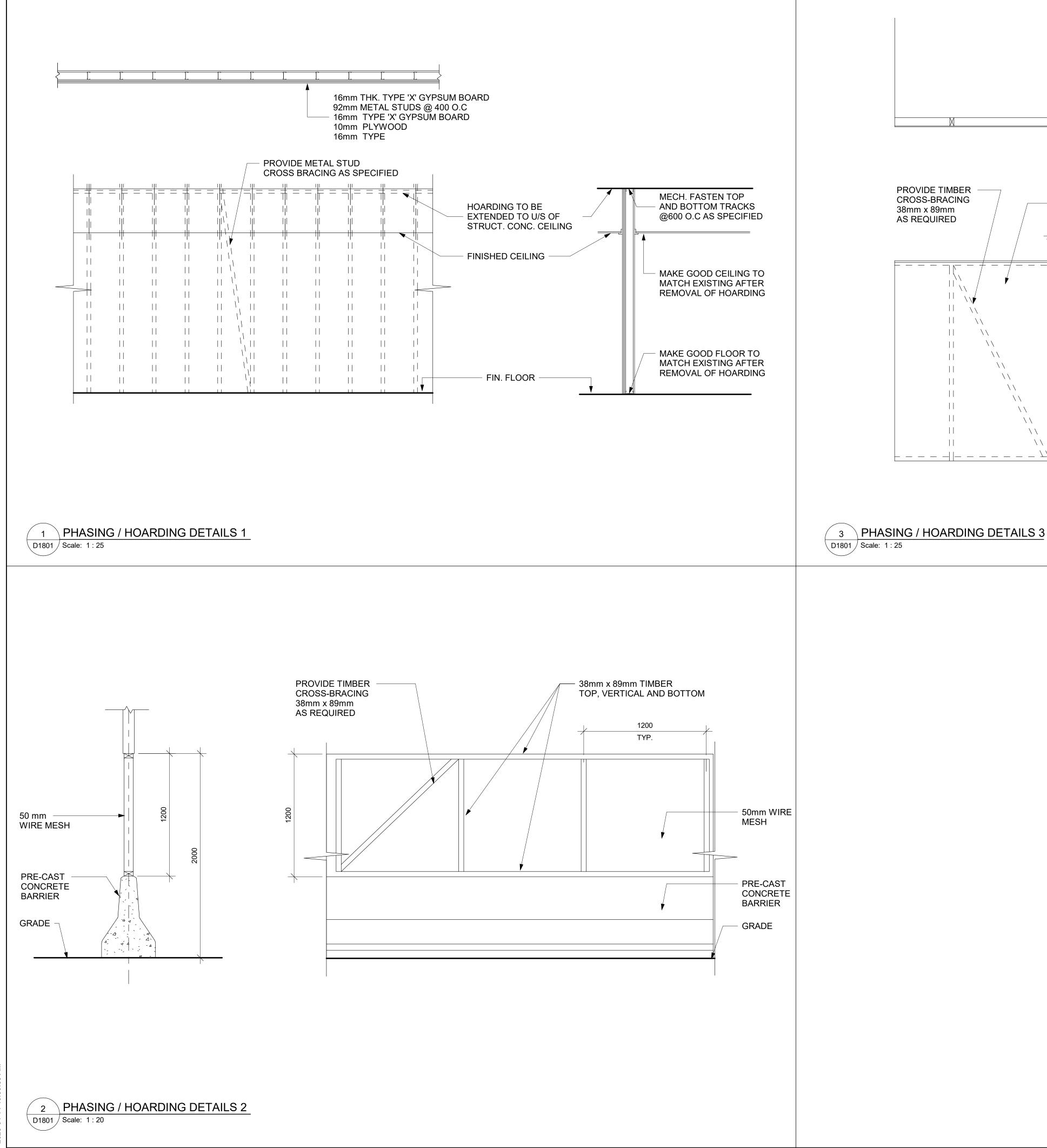
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SQUARE FLUSH MODINED TACTLE UP & DOWN ELEVATOR CALL BUTTON UP & DOWN ELEVATOR COMMUNICATION AND HAND FREE SPEAKER SYSTEM HELP BUTTON SQUARE FLUSH MOUNTED TACTLE WITH SYMBOL & BRAILLE PROJECT NO: 9119-19-0162 / Arcadis 30279056 DRAWN BY: CHECKED BY: A BOYNARIAN K. TILAHUN PROJECT NO: 9119-19-0162 / Arcadis 30279056 DRAWN BY: CHECKED BY: A BOYNARIAN K. TILAHUN PROJECT NO: 9119-19-0162 / Arcadis 30279056 DRAWN BY: CHECKED BY: A BOYNARIAN K. TILAHUN PROJECT NO: 9119-19-0162 / Arcadis 30279056 DRAWN BY: CHECKED BY: A BOYNARIAN K. TILAHUN PROJECT NO: 9119-19-0162 / Arcadis 30279056 DRAWN BY: CHECKED BY: A BOYNARIAN K. TILAHUN	FIREHAT VANISHING INDICATOR FIRE SERVICE PHASE 2 KEY SWITCH SQUARE FLUSH MOUNTED TACTILE	
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MOUNTED TACTILE WITH SYMBOL & BRAILLE PROJECT ADDRESS PROJECT NO: 9119-19-0162 / Arcadis 30279056 DRAWN BY: A. BOYNARIAN K. TILAHUN PROJECT MGR: DETAILS		CITY OF TORONTO
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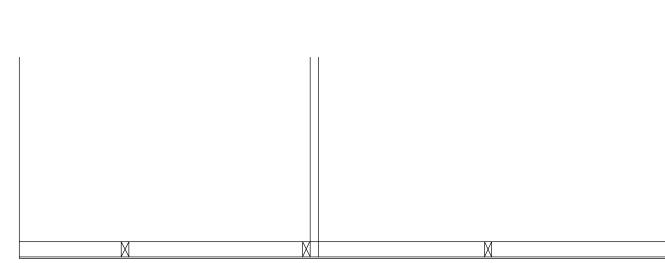
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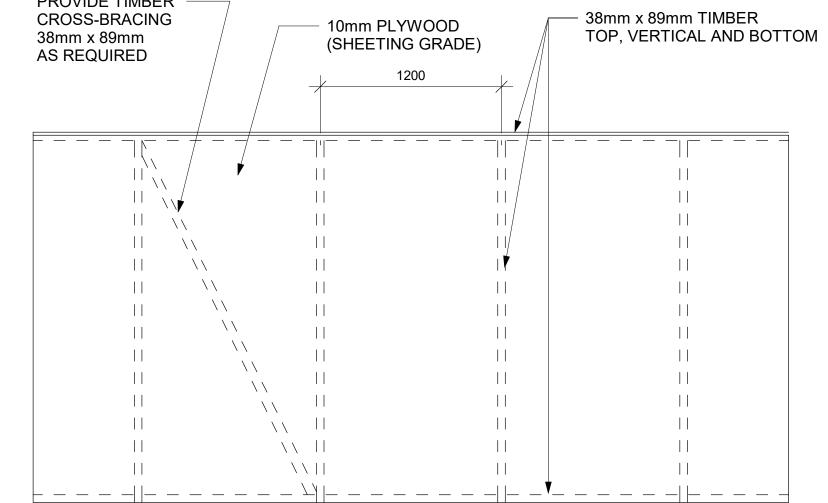
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 POST WITH SIGN REFER TO DETAIL 2/D1701	
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	SEAL
PAVEMENT MARKING REFER TO DETAIL 1/D1701	PRIME CONSULTANT
	100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com
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 ACCESSIBILITY 3400 MIN	 PROJECT ADDRESS
	PROJECT NO:9119-19-0162 / Arcadis 30279056DRAWN BY:CHECKED BY:A. BOYNARIANK. TILAHUNPROJECT MGR:APPROVED BY:F.BOLOURIANE. FENUTA
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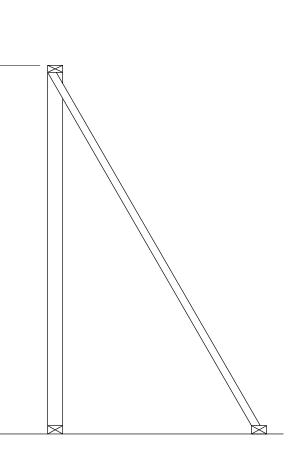












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PROJECT NO: 9119- 19- 0162 /Arcadis 30279056 DRAWN BY: A. BOYNARIAN PROJECT MGR: F.BOLOURIAN SHEET TITLE	
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UNIVERS - CONDENSED Base font used throughout the signage for the City of Toronto

UNIVERS - BOLD CONDENSED Used for numeric identifiers, eg: Stairwell IDs or Building Street Number

GRADE 1 BRAILLE

ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 1234567890

ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz 1234567890

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WHITE

Matthews Acrylic: MP-32071 White Wonder MP-11183 Franco Blue Brushed Aluminum Semi-Gloss Finish

Vinyl 3M7725-20



Pantone 647C

Semi-Gloss Finish Vinyl Avery SC95750

Matthews Acrylic:

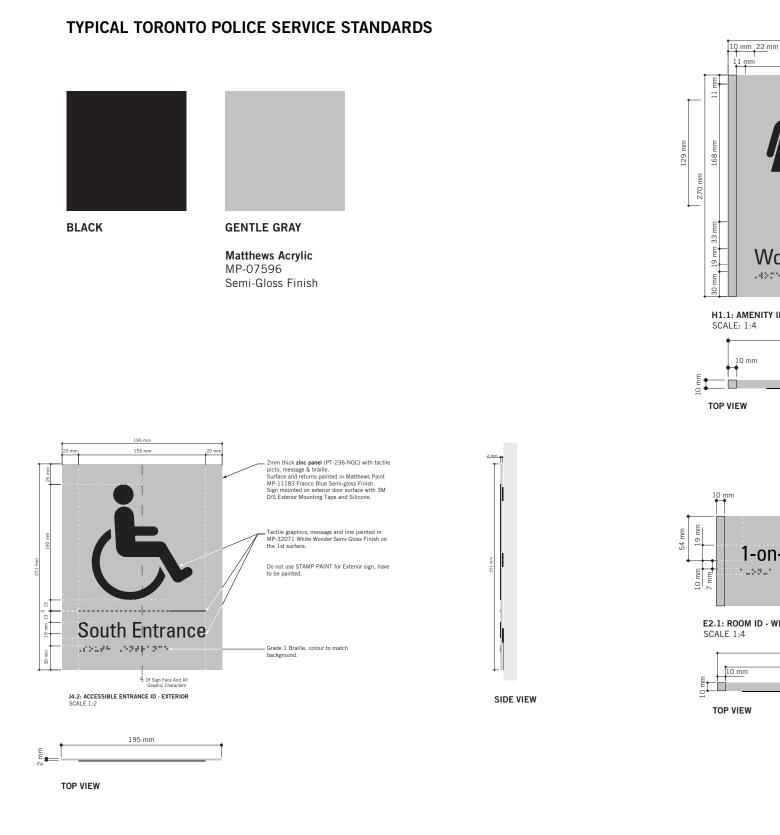


Semi-Gloss Finish Vinyl

3M 180C-220 Opaque Matte White Opaque Interstate Blue Opaque Light Silver Metallic Vinyl

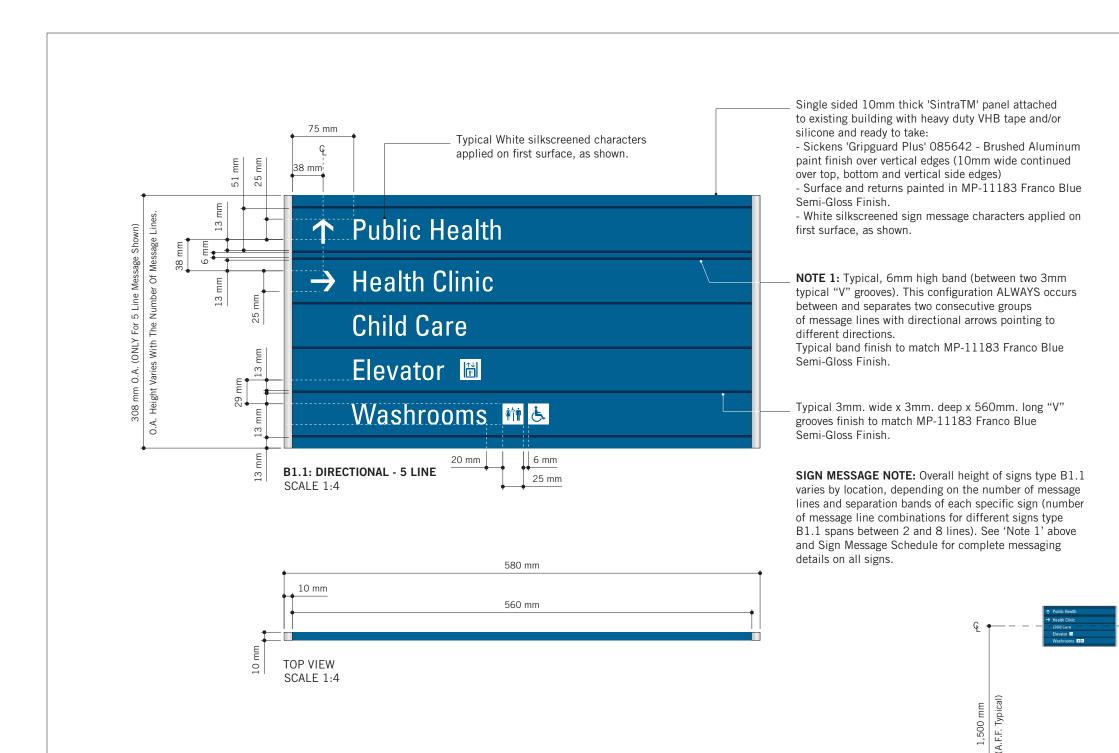




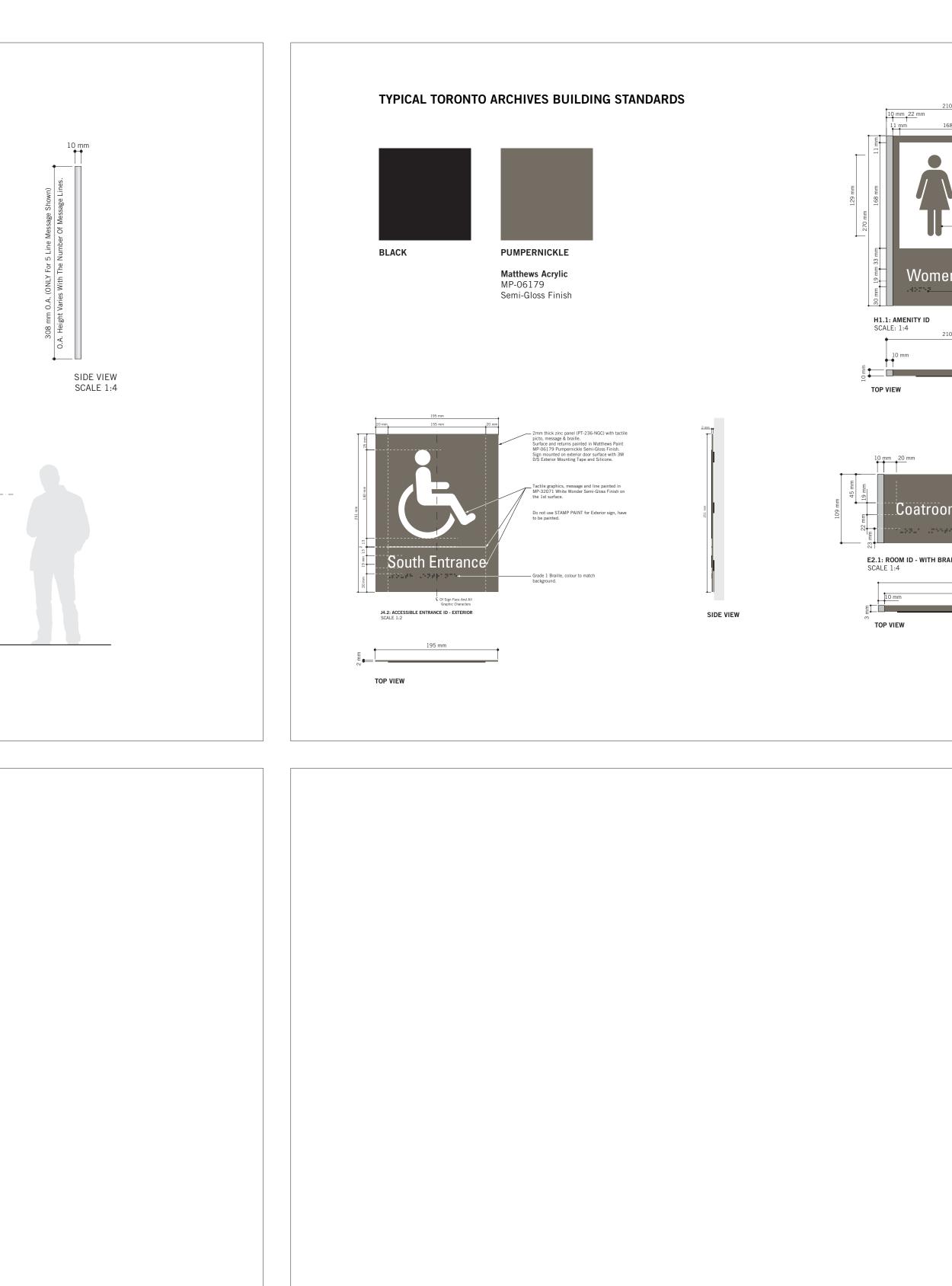


	CITY OF TORON	
	55 John ST. TORONTO, ON M5V 3C6	J
Stairs Down on the Stairs Down	COPYRIGHT This drawing has been prepared solely for the intended use, thus or distribution for any purpose other than authorized by IBI Grou Written dimensions shall have precedence over scaled dimensio shall verify and be responsible for all dimensions and conditions o Group shall be informed of any variations from the dimensions shown on the drawing. Shop drawings shall be submitted to IBI C conformance before proceeding with fabrication. IBI Group Professional Services (Canad is a member of the IBI Group of companies	up is forbidden. ns. Contractors on the job, and IBI and conditions Group for general
Top Level Area Image: Area Area Image: Changeroom Elevator Freight Elevator Accessible Information	ISSUES No. DESCRIPTION A ISSUED FOR TENDER 2	DATE 2025-04-11
At CheckHigh Density Filing RoomCopy Room PhotocopierStaff DirectoryMeeting Room		
	CONSULTANTS	
210 mm 1 22 mm 10 mm m 168 mm 11 mm 10 mm		
10 x 10mm MP-07596 Gentle Gray Semi-Gloss FinishBar on both ends to match sign wall 10mm thick Novacryl panel (PT-236-NGC) with tactile picto, message & braille. In MP-07596 Gentle Gray Semi-Gloss Finish Sign mounted on wall surface with 3M D-S Clear Silicone Mounting Tape & Silicone Tactile picto silkscreened in Black	SEAL	
Women Tactile message silkscreened in Black Semi-Gloss Finish on the 1st surface Grade 1 Braille, colour to match background ENITY ID SIDE VIEW		
210 mm 10 mm	100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com	
-on-1 Meeting Room	PROJECT TITLE CITY OF TORONT ACCESSIBILITY UPGR	
Grade 1 Braille, colour to match background. I ID - WITH BRAILLE Sign mounted on interior Door surface with 3M D/S Clear Silicone Mounting Tape. 275 mm If mounted on Glass Surface: apply same size MP-07596 Gentle Gray Semi-Gloss Finish	PROJECT ADDRESS GROUP 03 BUILDIN	IGS
on the 1st surface of glass before applying sign on top. Sign mounted on vinyl surface with 3M D/S VHB Foam Tape. Do not use Silicone.	PROJECT NO: 9119 – 19 – 0162 / Arcadis 30279056 DRAWN BY: CHECKED B C.D. SCHN PROJECT MGR: APPROVED	Y: IOBB
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	GENERAL SPECIFIC	

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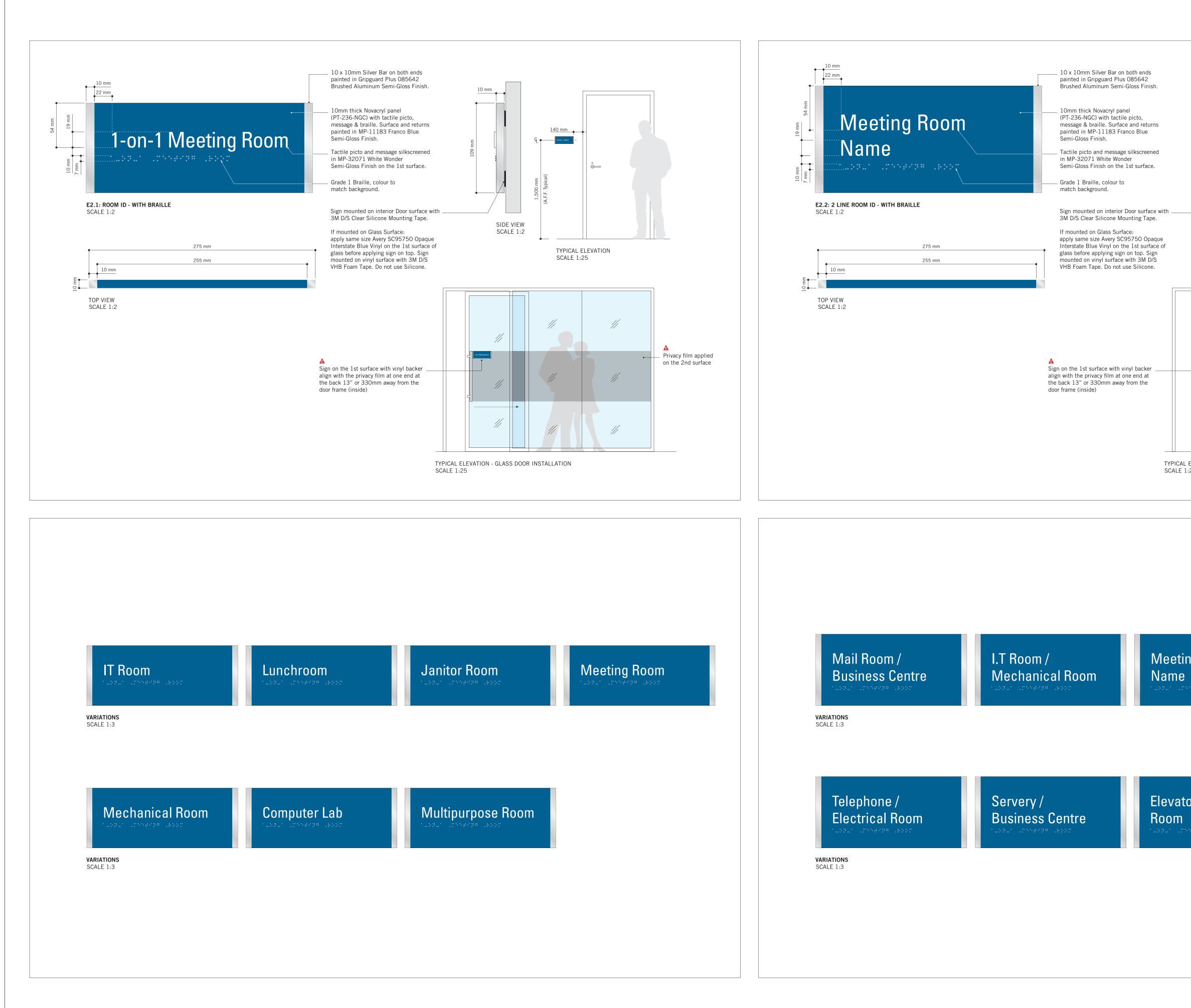


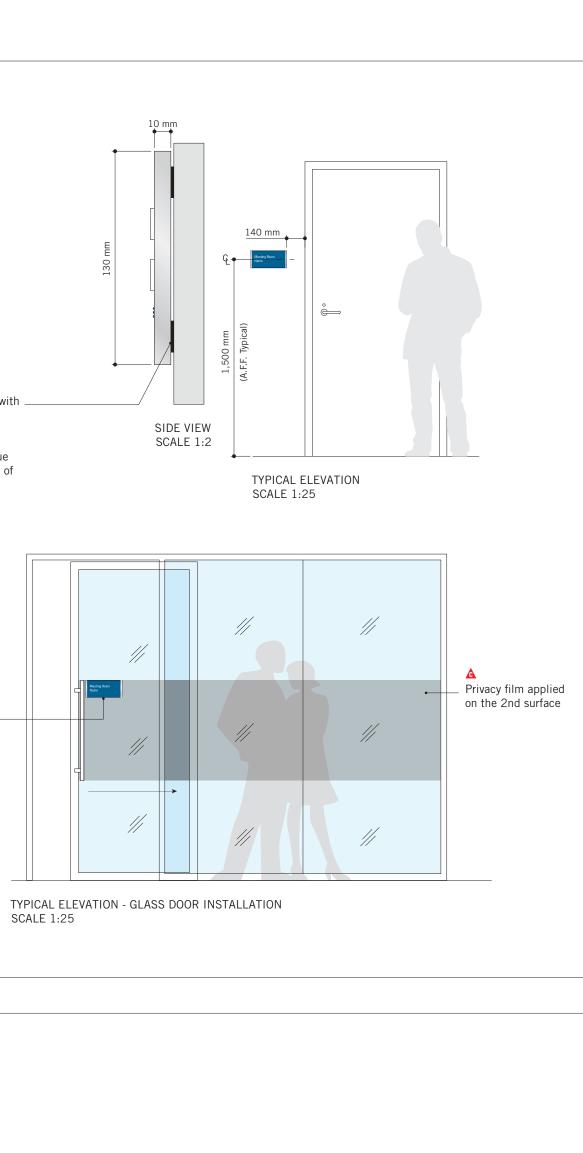
TYPICAL ELEVATION SCALE 1:25



Gripg finish 10mm MP-0 Sign Silicc 168n MP-3 Tactii Pump	10mm silver bars on both ends painted in uard Plus 085642 brushed aluminum matte In thick Novacryl panel (PT-236-NGC) In 6179 Pumpernickle Semi-Gloss Finish mounted on wall surface with 3M D-S Clear ine Mounting Tape & Silicone Im x 168mm Inside area painted area in 2071 White Wonder Semi-Gloss Finish e picto silkscreened in MP-06179 pernickle Semi-Gloss Finish e message silkscreened in MP-32071 White er matte finish on the 1st surface	
10 mm	I Braille, colour to match background SIDE VIEW 10 x 10mm silver bars on both ends painted in Gripguard Plus 085642 brushed aluminum matte finish 10mm thick Novacryl panel (PT-236-NGC) with tactile message & braille. In MP-06179	
mm	Pumpernickle Semi-Gloss Finish Tactile message silkscreened in MP-32071 White Wonder matte finish on the 1st surface. Grade 1 Braille, colour to match background. Sign mounted on interior Door surface with 3M D/S Clear Silicone Mounting Tape. If mounted on Glass Surface: apply same size MP-06179 Pumpernickle Semi-Gloss Finish on the 1st surface of glass before applying sign on top. Sign mounted on vinyl surface with 3M D/S VHB Foam Tape. Do not use Silicone.	
	Note: Typical colours for Toronto Archives Building Standards building upgrades.	

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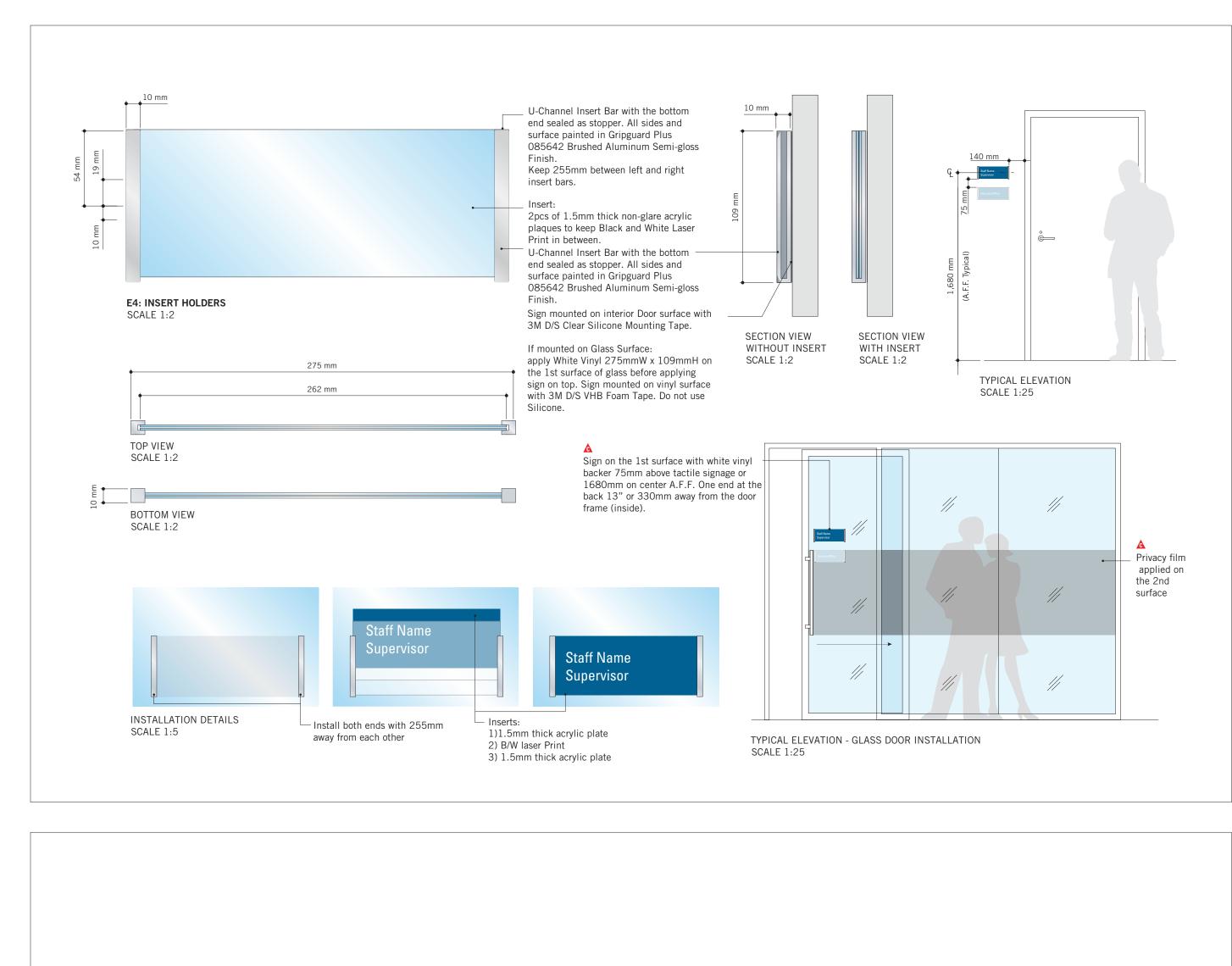




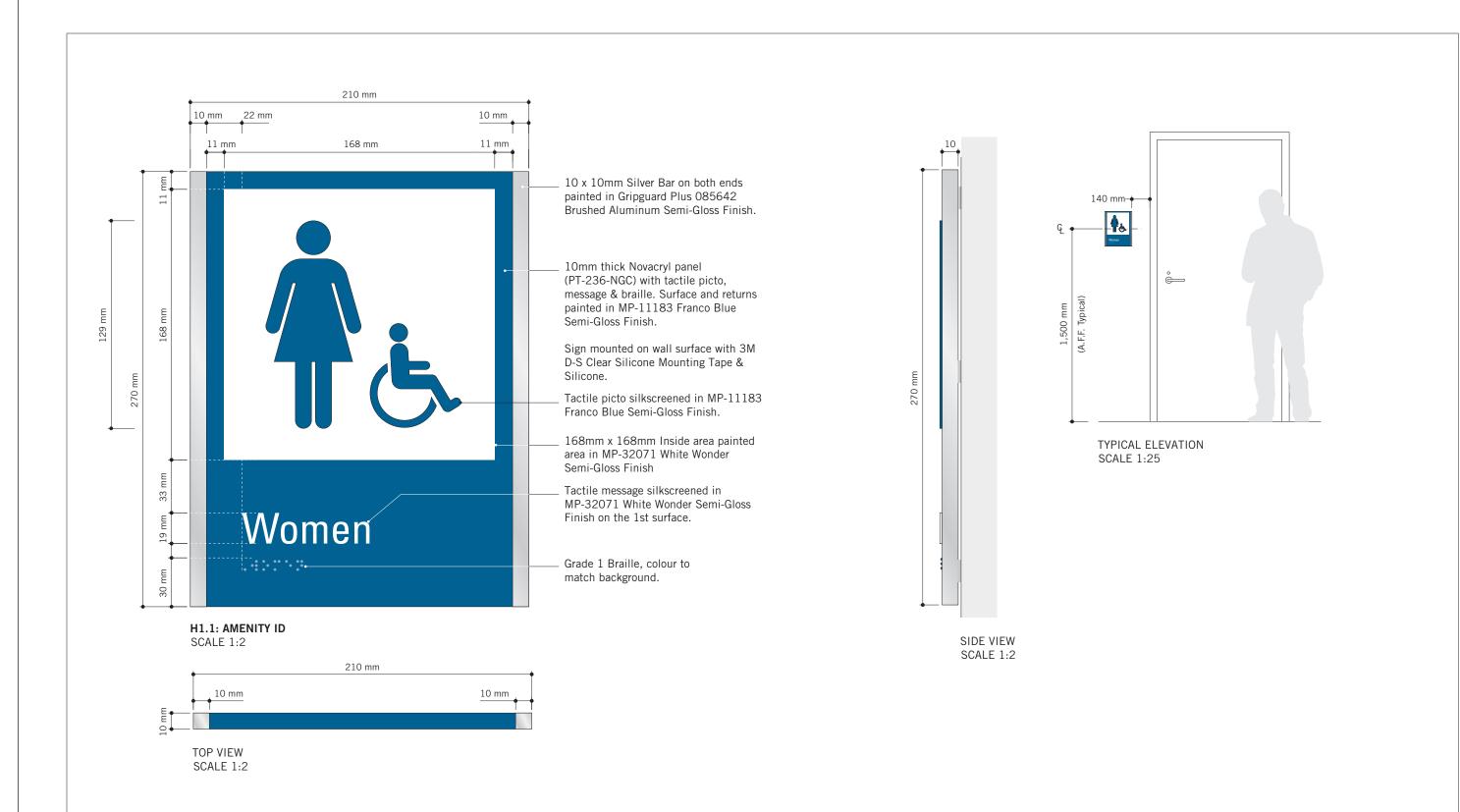
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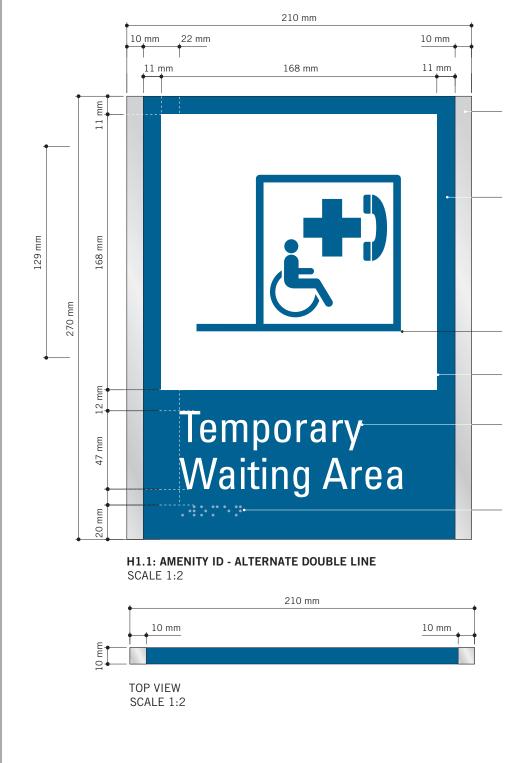
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10 x 10mm Silver Bar on both ends painted in Gripguard Plus 085642 Brushed Aluminum Semi-Gloss Finish.

10mm thick Novacryl panel (PT-236-NGC) with tactile picto, message & braille. Surface and returns painted in MP-11183 Franco Blue Semi-Gloss Finish.

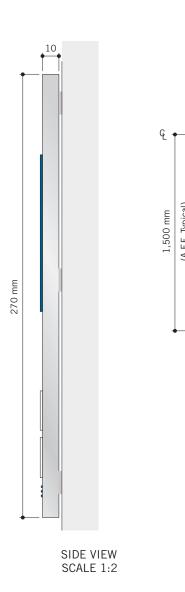
Sign mounted on wall surface with 3M D-S Clear Silicone Mounting Tape & Silicone.

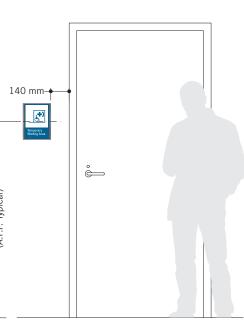
Tactile picto silkscreened in MP-11183 Franco Blue Semi-Gloss Finish.

168mm x 168mm Inside area painted area in MP-32071 White Wonder Semi-Gloss Finish

Tactile message silkscreened in MP-32071 White Wonder Semi-Gloss Finish on the 1st surface.

Grade 1 Braille, colour to match background.





TYPICAL ELEVATION SCALE 1:25



VARIATIONS SCALE 1:3



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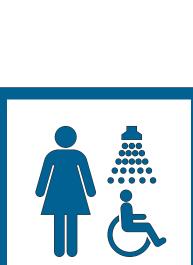
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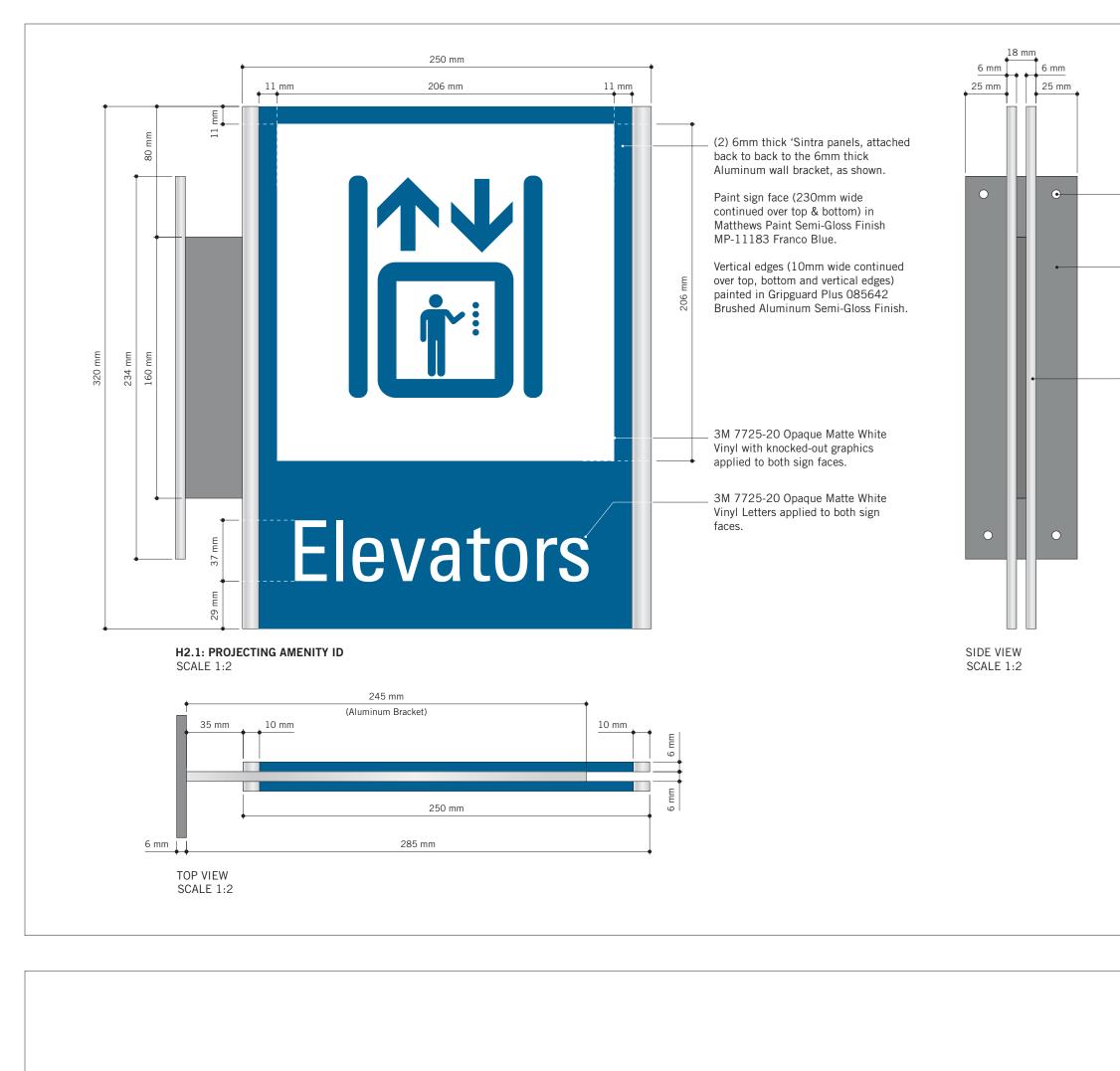
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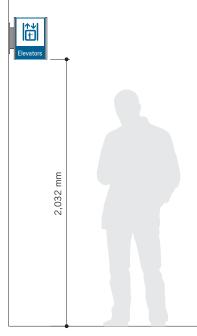




 (4) 1/4" C/S Toggle bolts into existing drywall (TBC). Heads painted to match.

6mm (1/4") thick Aluminum Wall Plate
 Painted in Gripguard Plus 085642
 Brushed Aluminum.
 C/W (2) grooves to accept aluminum
 support bracket - welded through plate.

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



TYPICAL ELEVATION SCALE 1:25



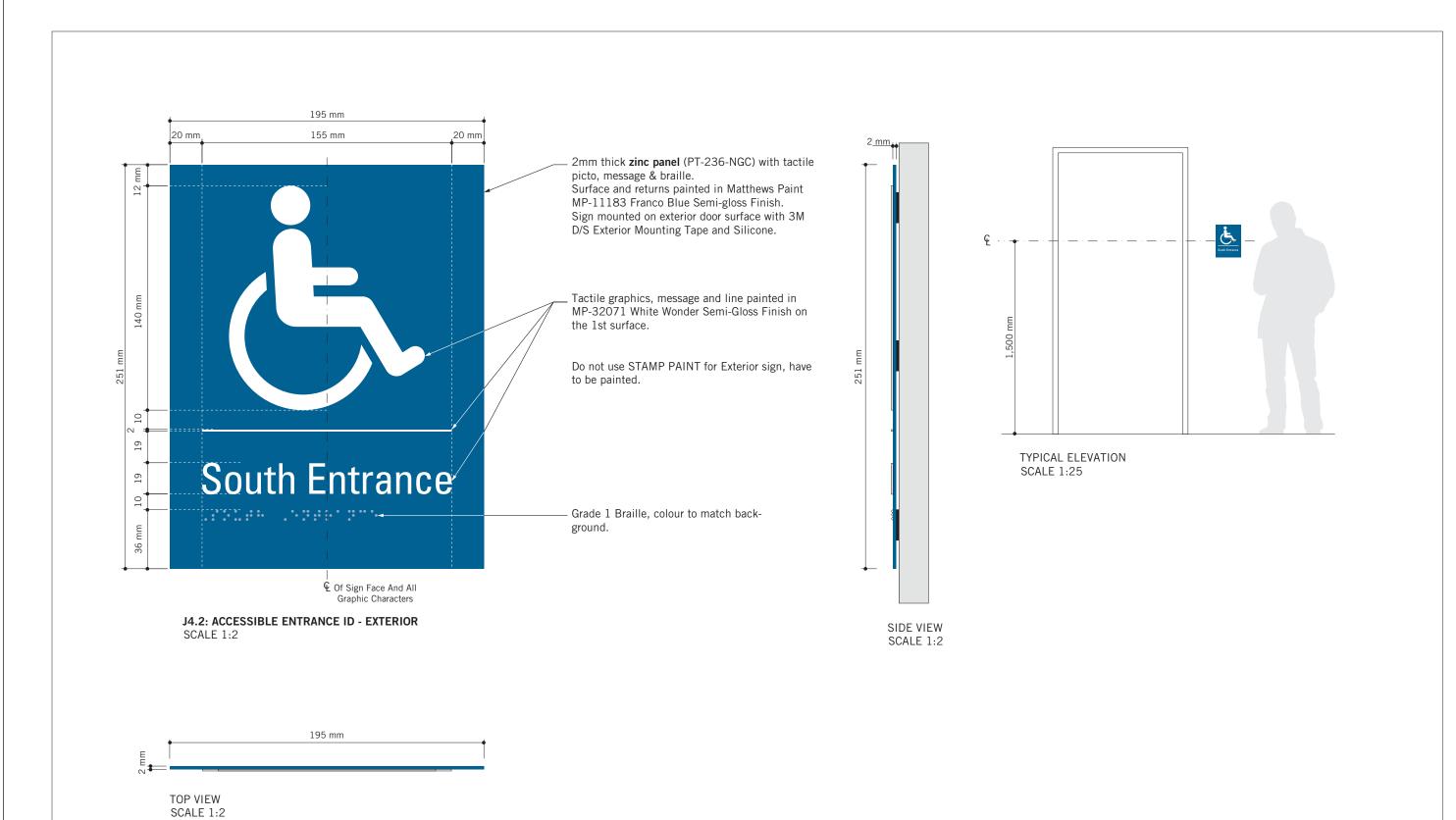
VARIATIONS SCALE 1:4

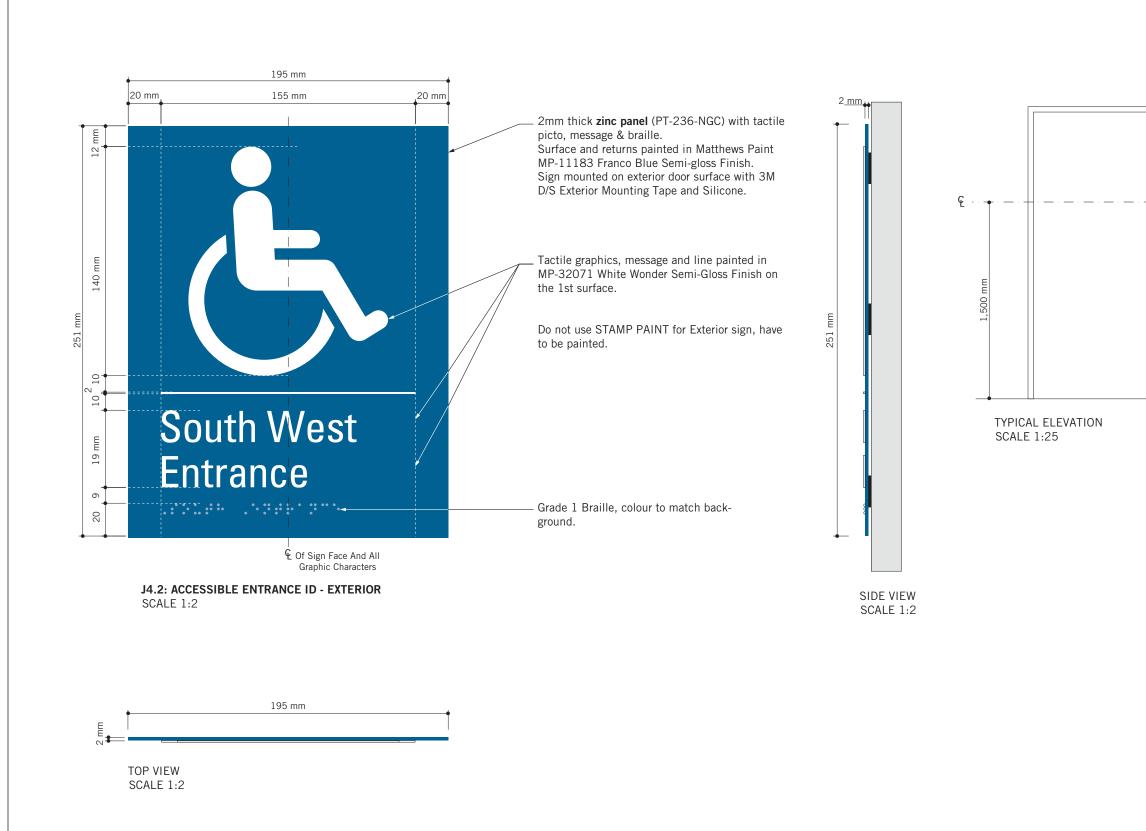




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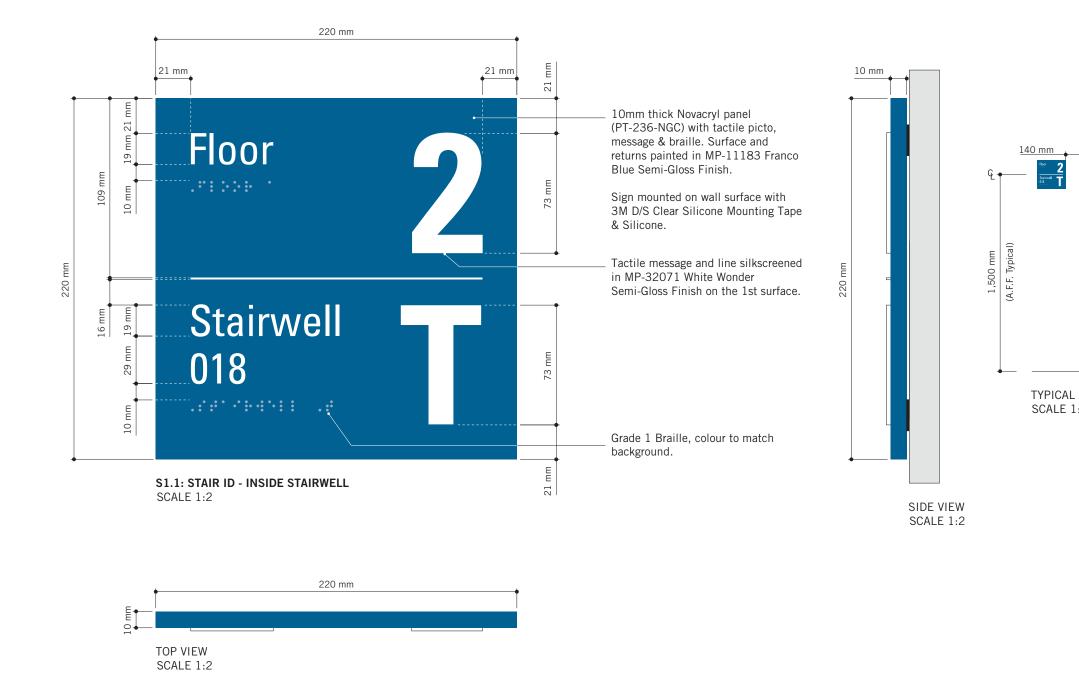
VARIATIONS SCALE 1:3

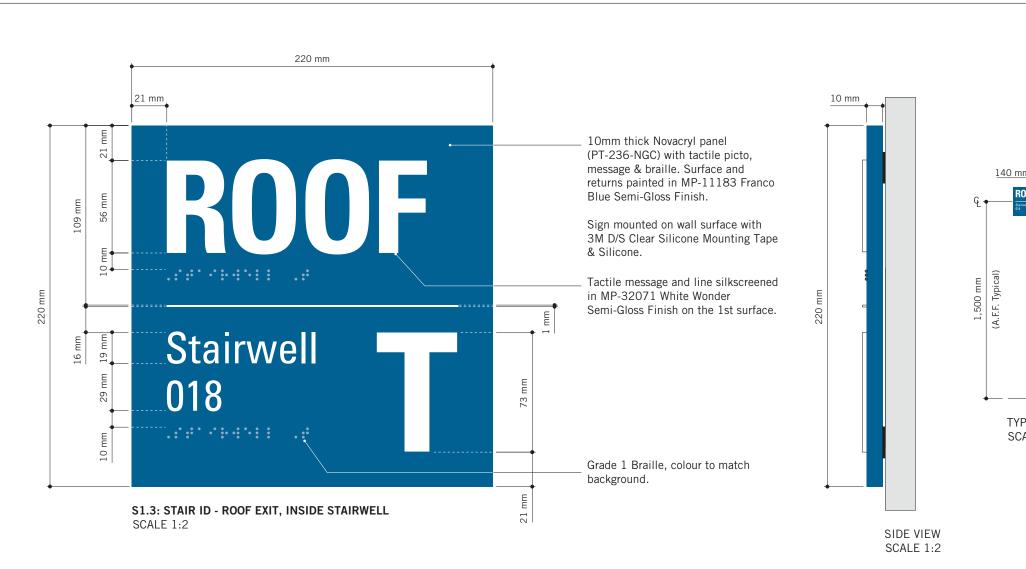
South West Entrance

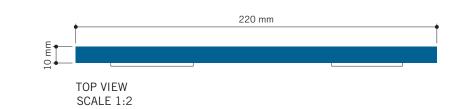
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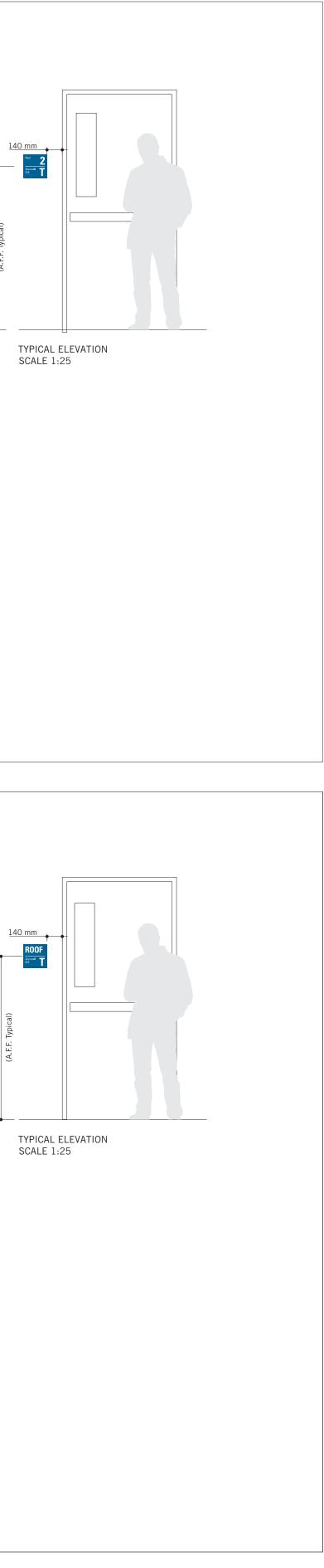


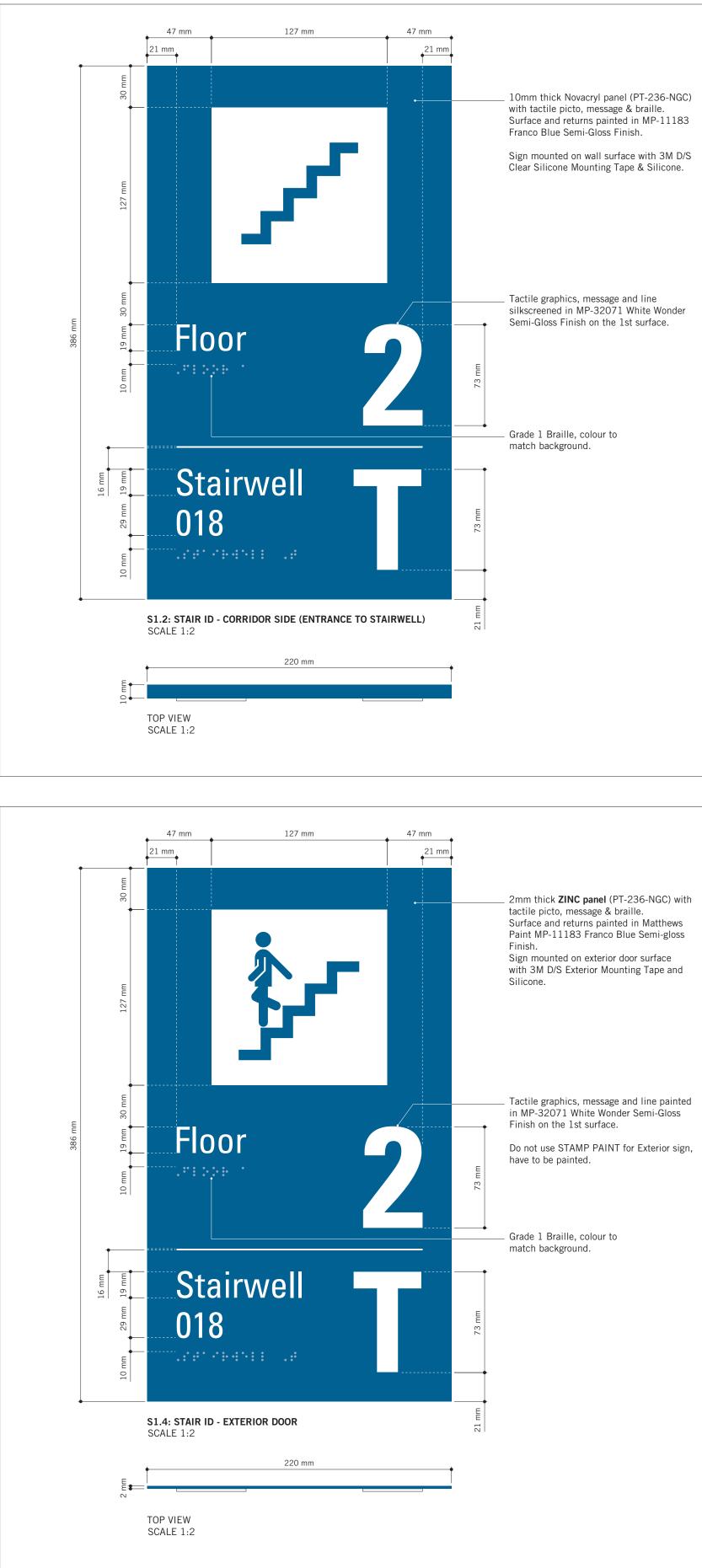






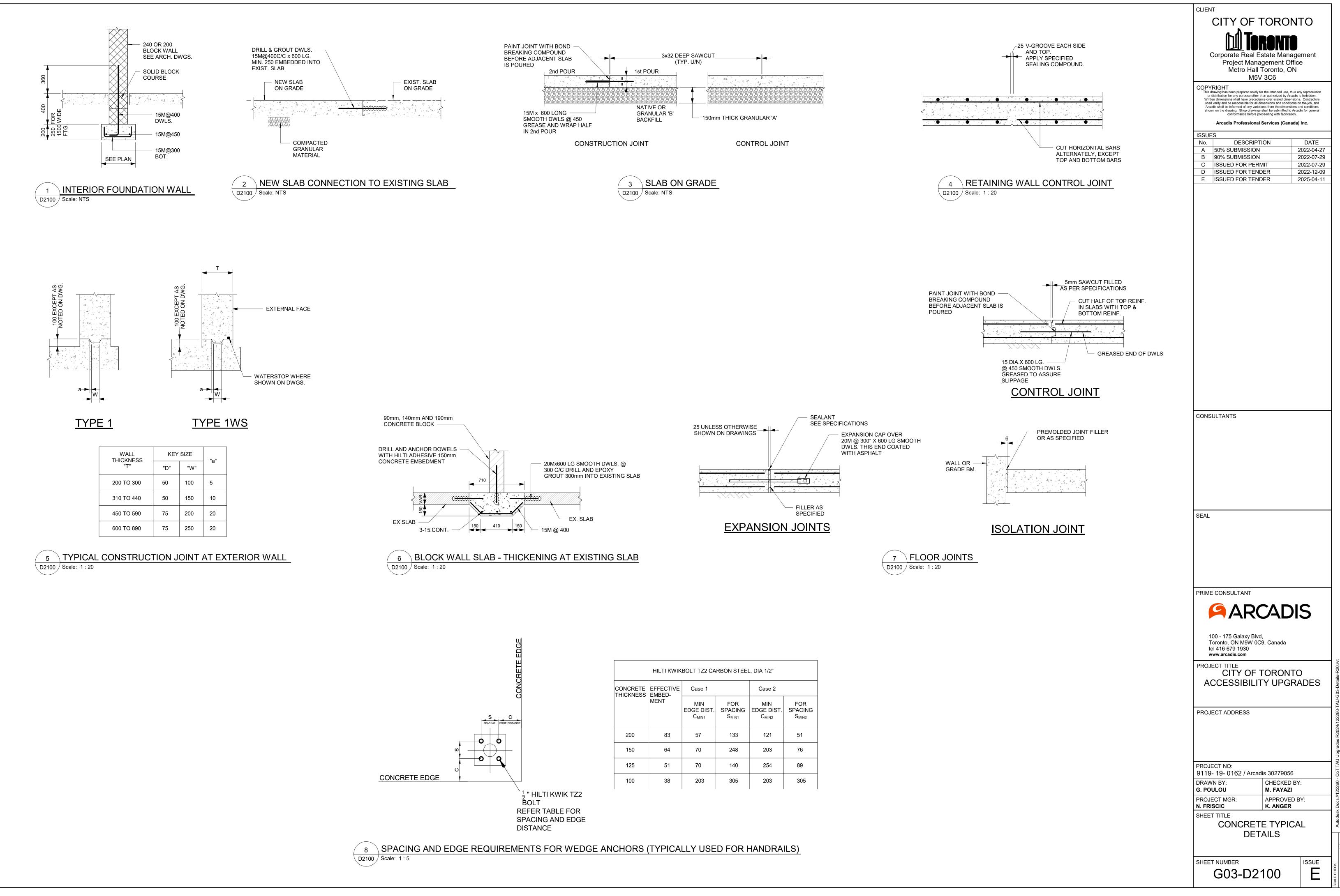






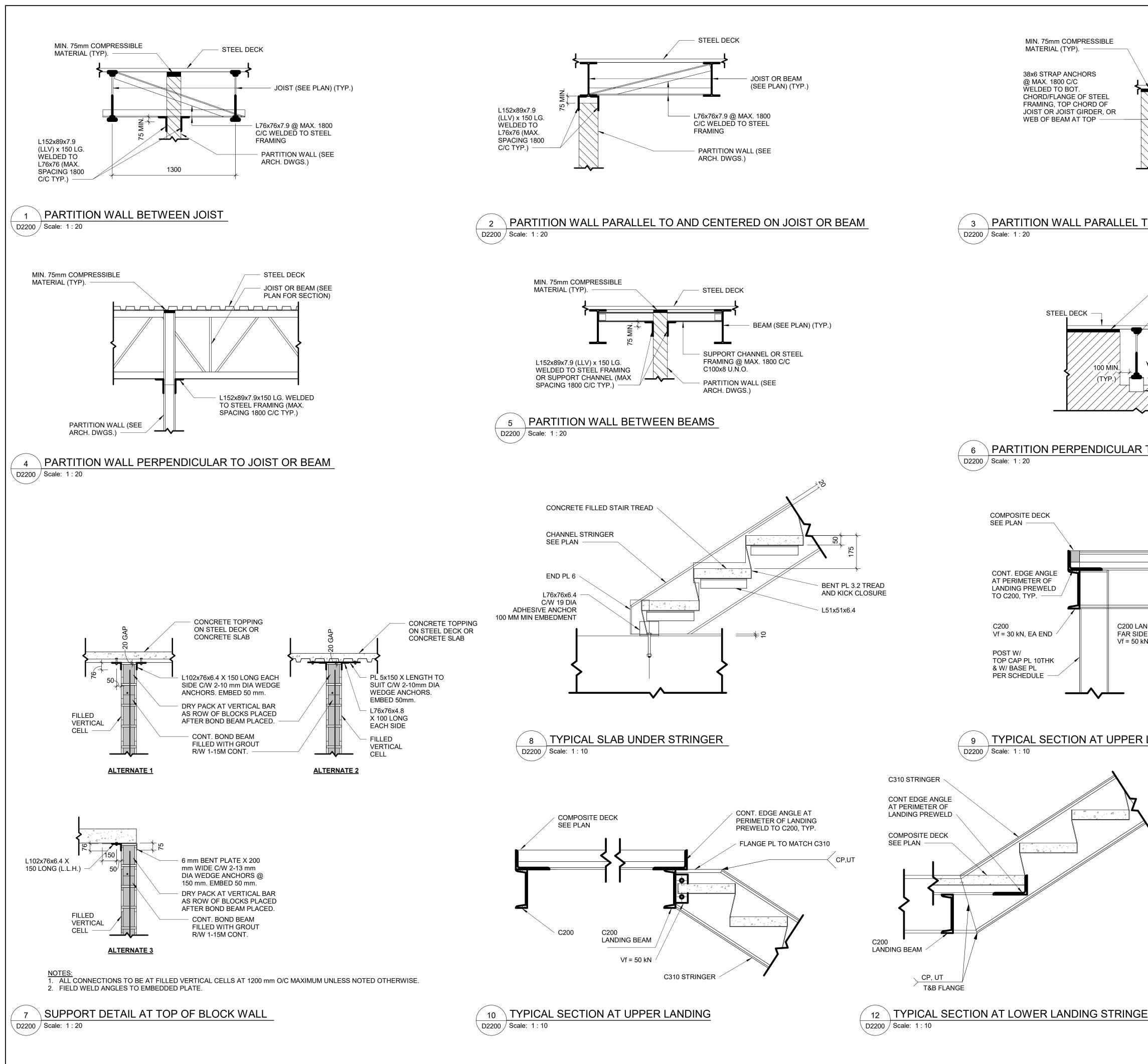
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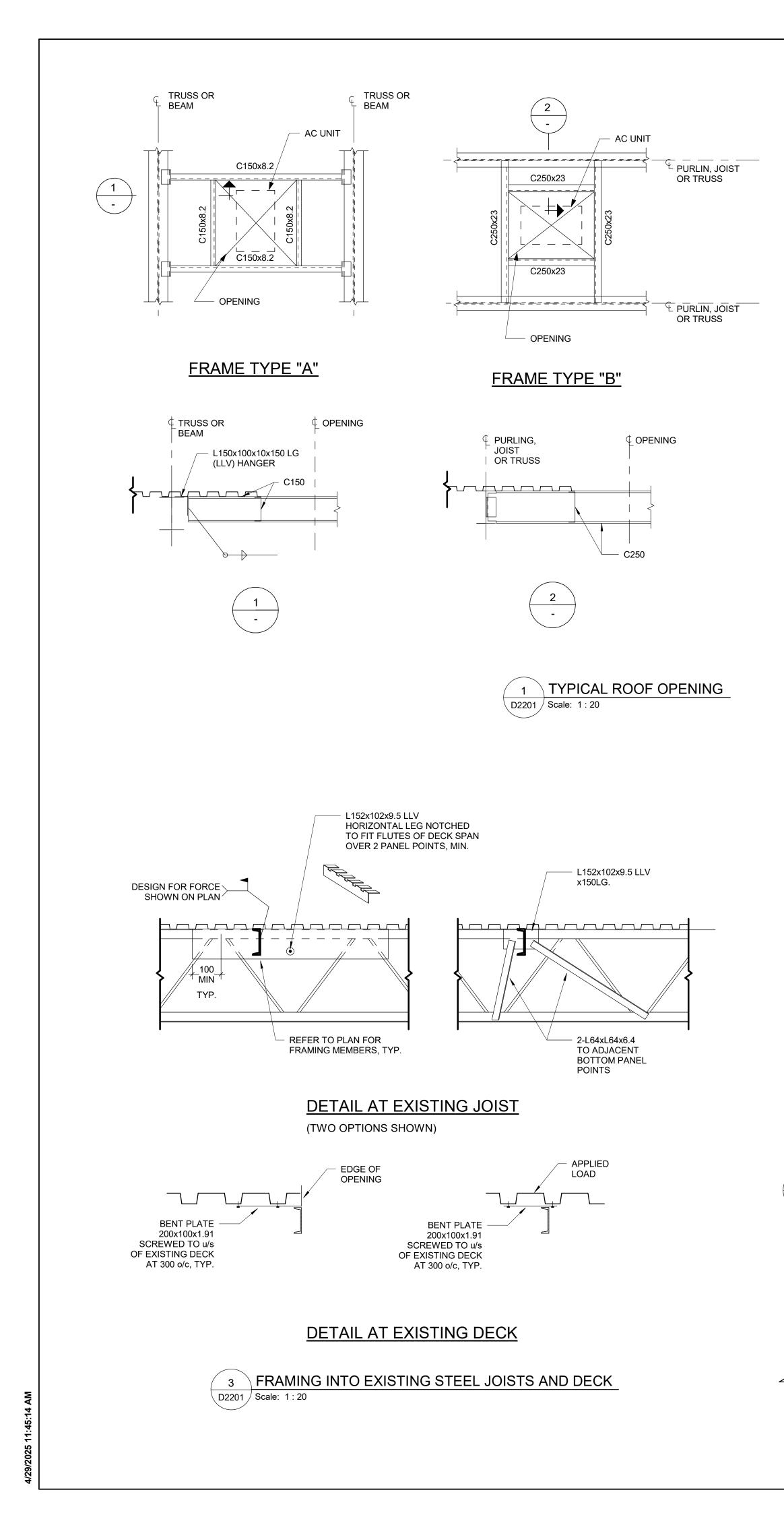


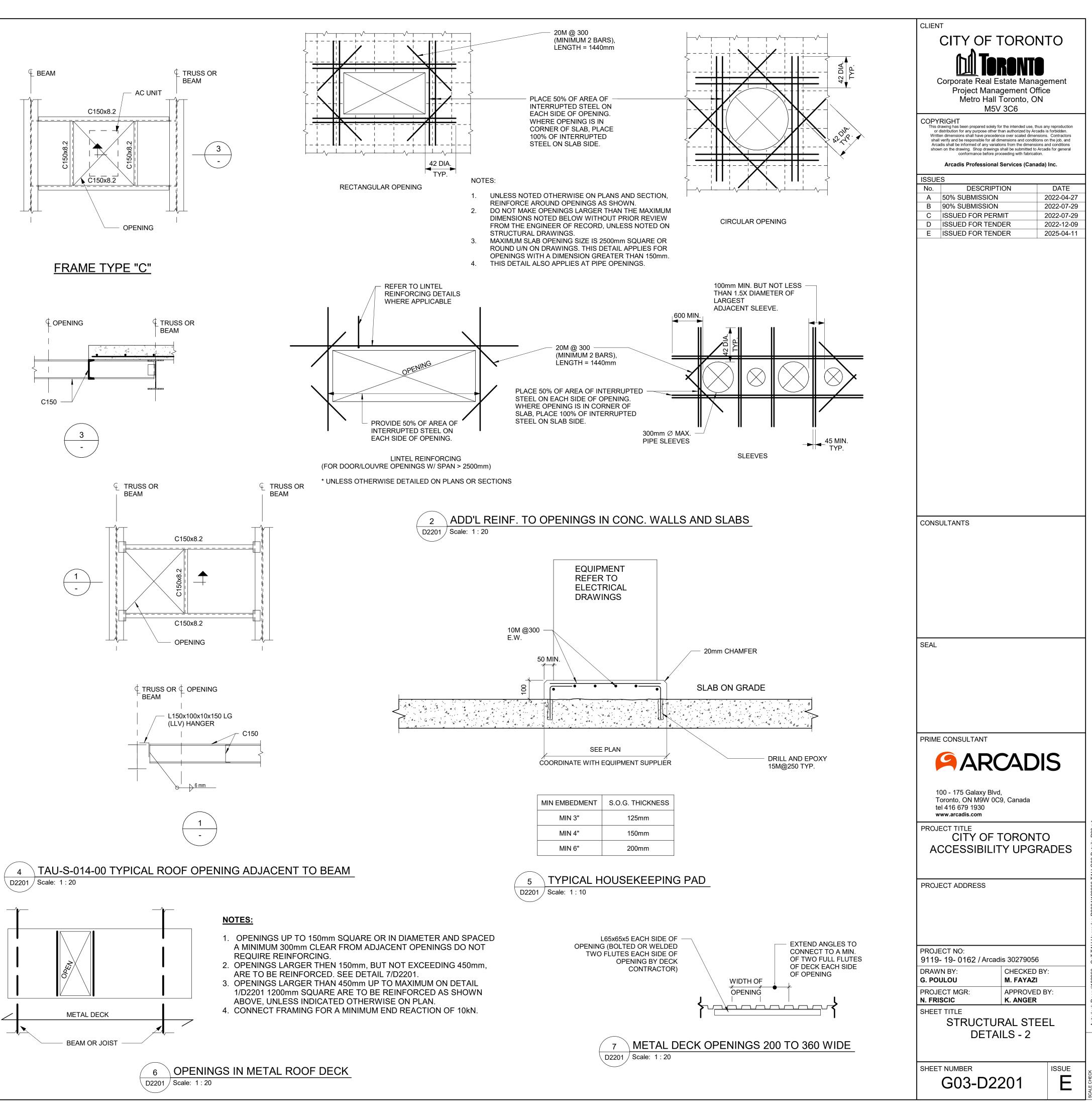
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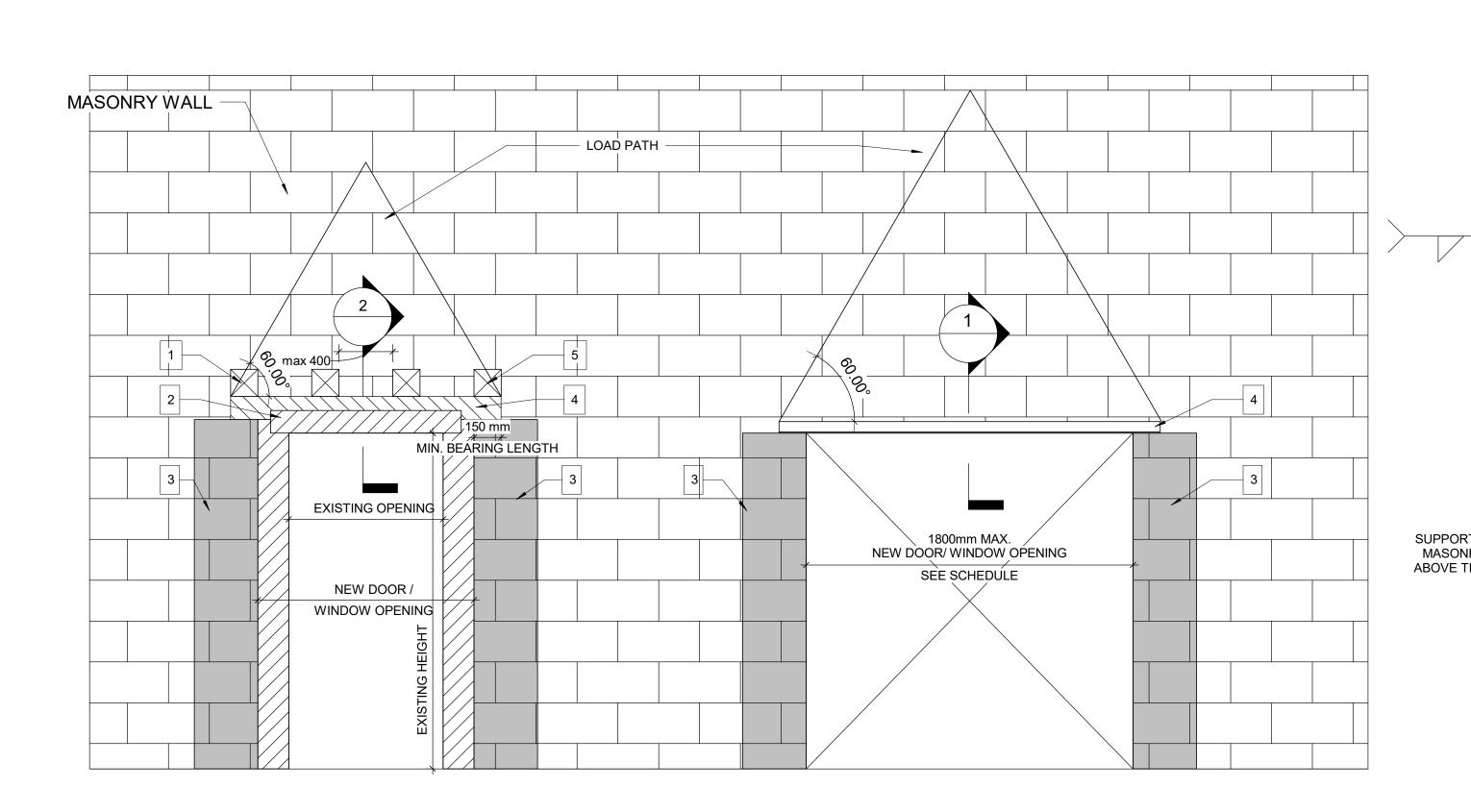


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L76x76x7.9 @ MAX. 1800 C/C WELDED TO STEEL FRAMING	Arcadis Professional Services (Canada) Inc.
PARTITION WALL (SEE ARCH. DWGS.)	ISSUES No. DESCRIPTION DATE A 50% SUBMISSION 2022-04-27 B 90% SUBMISSION 2022-07-29
O JOISTS OR BEAM	CISSUED FOR PERMIT2022-07-29DISSUED FOR TENDER2022-12-09EISSUED FOR TENDER2025-04-11
MIN. 75mm COMPRESSIBLE	
MATERIAL (TYP). JOIST OR BEAM (SEE PLAN FOR SECTION)	
PARTITION WALL (SEE ARCH. DWGS.)	
L152x89x7.9 (LLV) x 300 LG. WELDED TO STEEL FRAMING (MAX SPACING 2000 C/C TYP.)	
SEE SPEC FOR FIREPROOFING	
O JOIST OR BEAMS	
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C200 LANDING BEAM	9119- 19- 0162 / Arcadis 30279056 DRAWN BY: CHECKED BY: G. POULOU M. FAYAZI PROJECT MGR: APPROVED BY: N. FRISCIC K. ANGER
R	SHEET TITLE STRUCTURAL STEEL DETAILS - 1







WIDENING AN EXISTING OPENING IN EXISTING MASONRY WALL TYP.

NEW DOOR/WINDOW OPENING INTO EXISTING MASONRY WALL TYP.

PROPOSED SEQUENCE OF WORK

- 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
- DEMOLISH THE EXISTING LINTEL, THE VOID FOR NEW BEAM AND THE WALL FROM EACH SIDE OF THE NEW OPENING
- 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)
- INSTALL NEW LINTEL. SEE LINTEL SCHEDULE FOR LINTEL SIZE
- ADD MASONRY FACES AT LINTEL AND REPAIR MASONRY COURSE

CLEA mm UP 1201 -

(4'0 1801 -

> OPENING, CUT A GROOVE THROUGH THE EXISTING BLOCK WALL AT THE TOP OF THE NEW OPENING AND INSTALL THE ANGLE FROM ONE SIDE OF THE WALL FOR SINGLE SNGLE OR FROM BOTH SIDES OF THE WALL FOR DOUBLE ANGLE AND THEN CUT THE OPENING.

MINIMUM BEARING FOR STEEL LINTELS SHALL BE 150mm

UNLESS REVIEWED BY THE CONSULT. • VERIFY THE FOLLOWING: I) NO CONTROL OR MOVEMENT JOINTS ABOVE THE LINTEL AND/OR BEYOND THE OPENING.

• STRENGTHEN BEARING POINTS TO FOUNDATION, OR 400 DEEP WHEN SPAN BELOW 3600, GROUT CMU OR STONE MASONRY. BRICK IN AND GROUT VOIDS IN MULTI-WY THE BRICK, REPORT MORTAR JOINTS.

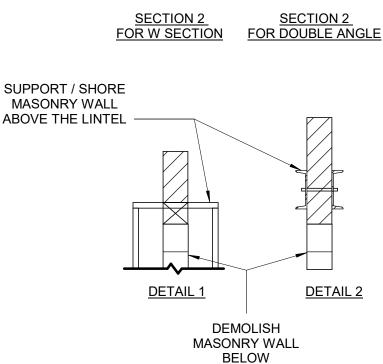
 DRYPACK WITH NON-SHRINK GROUT WHERE NECESSARY TO ACHIEVE UNIFORM BEARING THROUGHOUT. ENSURE EVEN BEARING BELOW LINTEL ENDS.

SEE GENERAL NOTES FOR OTHER REQUIREMENTS (i.e. GROUT BEARING POINTS).

 HOT-DIP GALVANIZE LINTELS IN EXTERIOR WALLS EXPOSED TO WEATHER. • SEE ARCH FOR STEEL FIRE PROTECTION.

 DOUBLE BEARING LENGTH FOR SOFT OR MEDIUM BRICK IN LIME MORTAR, AND FOR RUBBLE STONE IN LIME MORTAR OR LIME AND CEMENT MORTAR.

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



LINTEL:

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

STEEL LINTELS

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

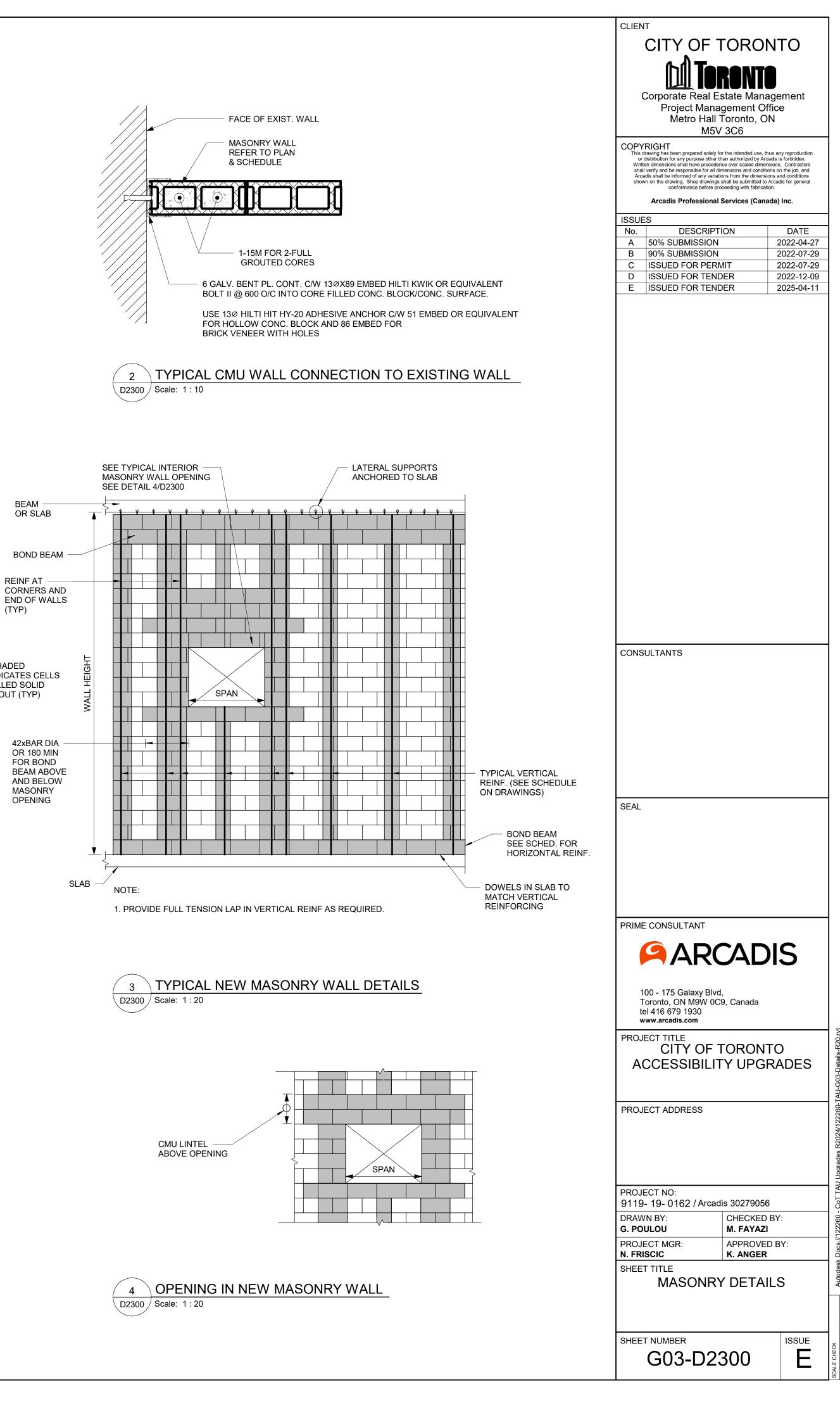
• TO INSTALL A LINTEL TO THE EXISTING BLOCK WALL FOR A NEW

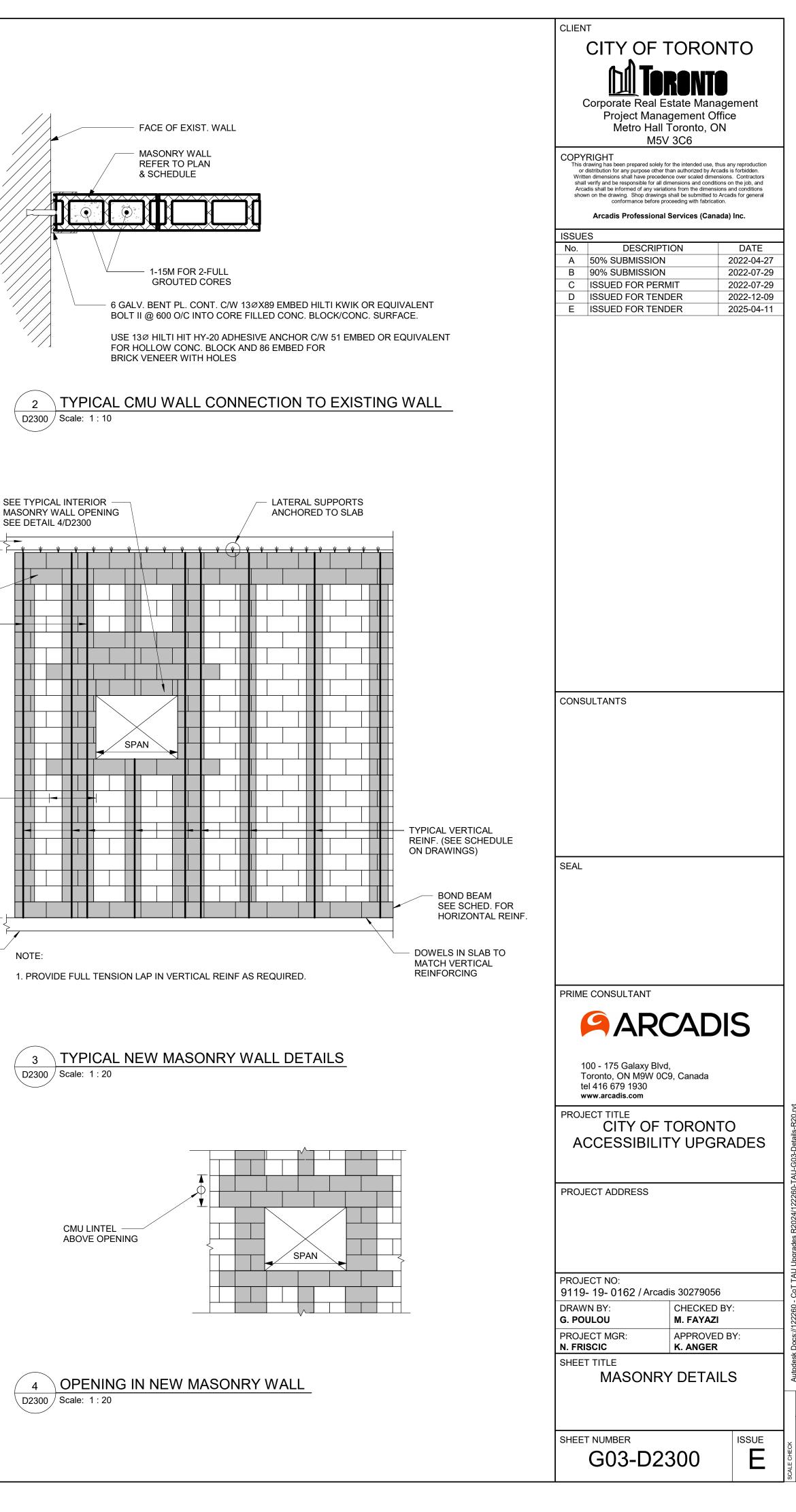
 ALL STEEL LINTELS AND SHELF ANGLES IN THE EXTERIOR MASONRY SHALL BE HOT DIP GALVANIZED

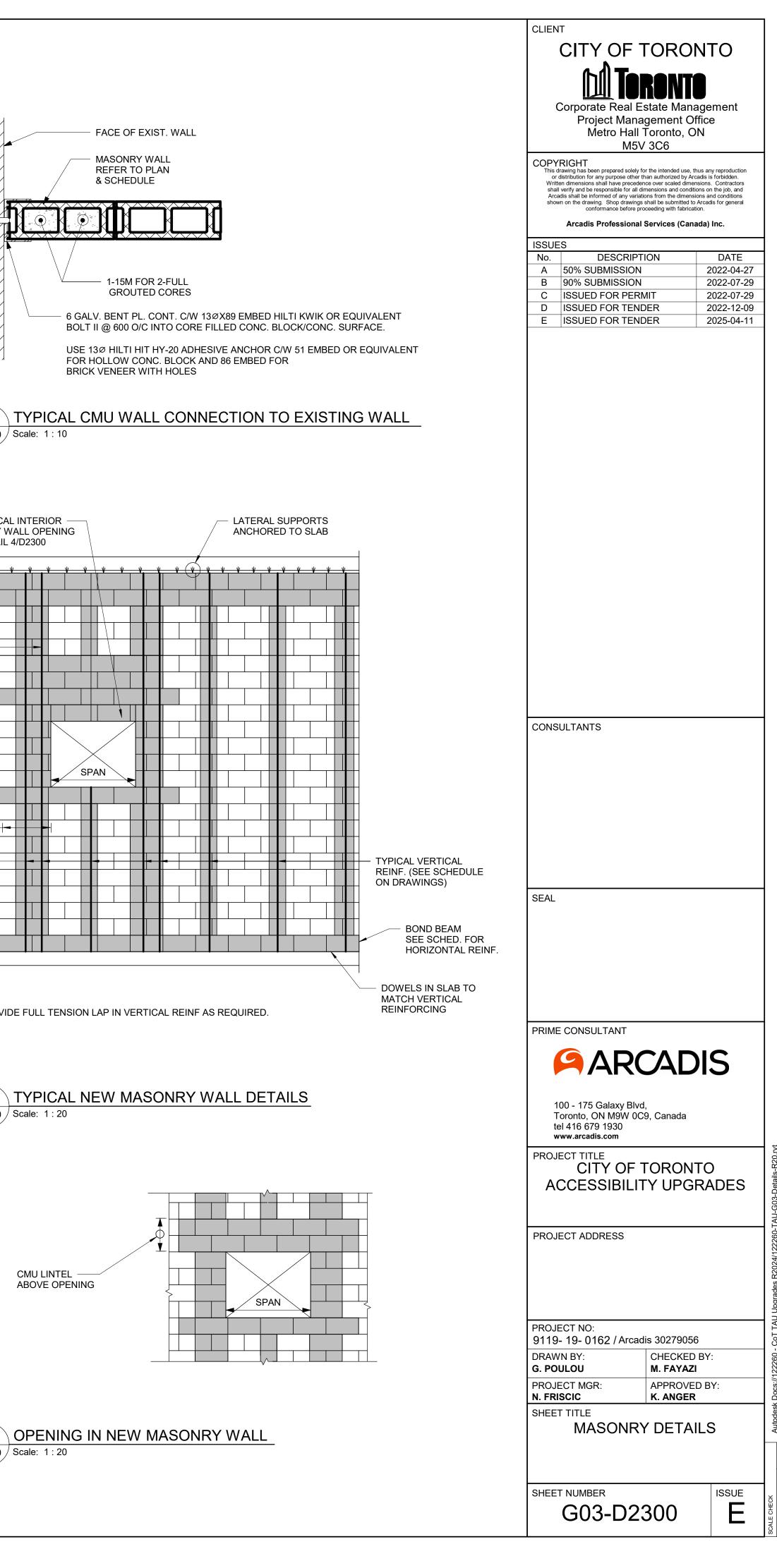
 THESE LINTELS ARE FOR NON-LOAD BEARING WALLS. VERIFY THE WALLS DO NOT SUPPORT FLOOR OR ROOF FRAMING. DO NOT IN LOAD BEARING WALLS

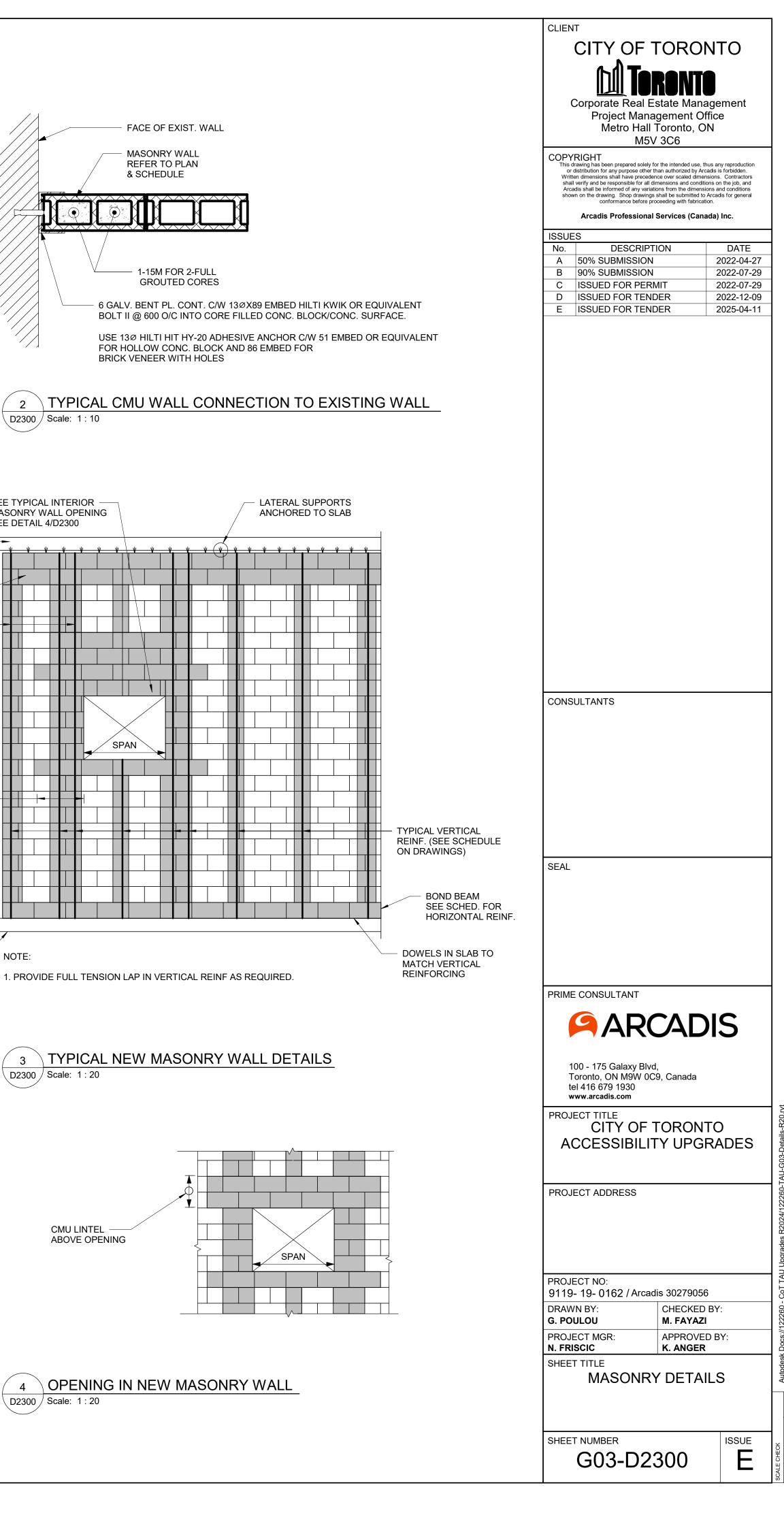
II) WALL EXTENDS MINIMUM 50% OF SPAN (AND 50% OF OPENING HEIGHT) BEYOND THE OPENING.

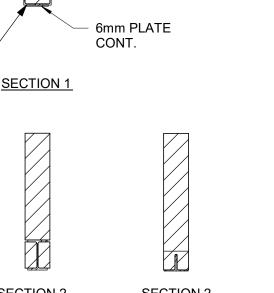
III) WALL EXTENDS MINIMUM 70% OF SPAN ABOVE THE OPENING.





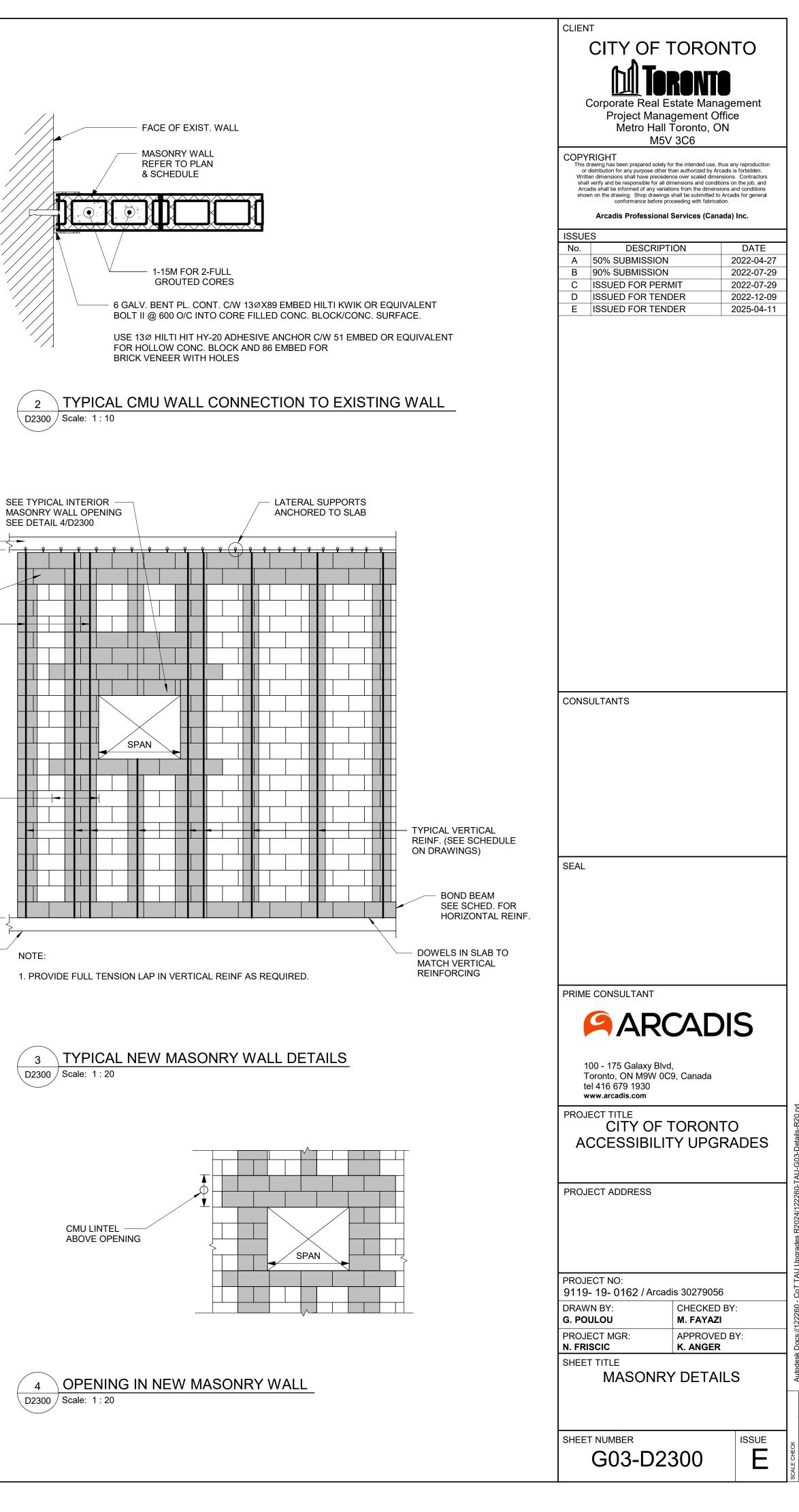






EXISTING MASONRY WALL

NEW LINTEL SEE SCHEDULE



SHADED AREA INDICATES CELLS TO BE FILLED SOLID WITH GROUT (TYP)

> 42xBAR DIA OR 180 MIN FOR BOND **BEAM ABOVE**

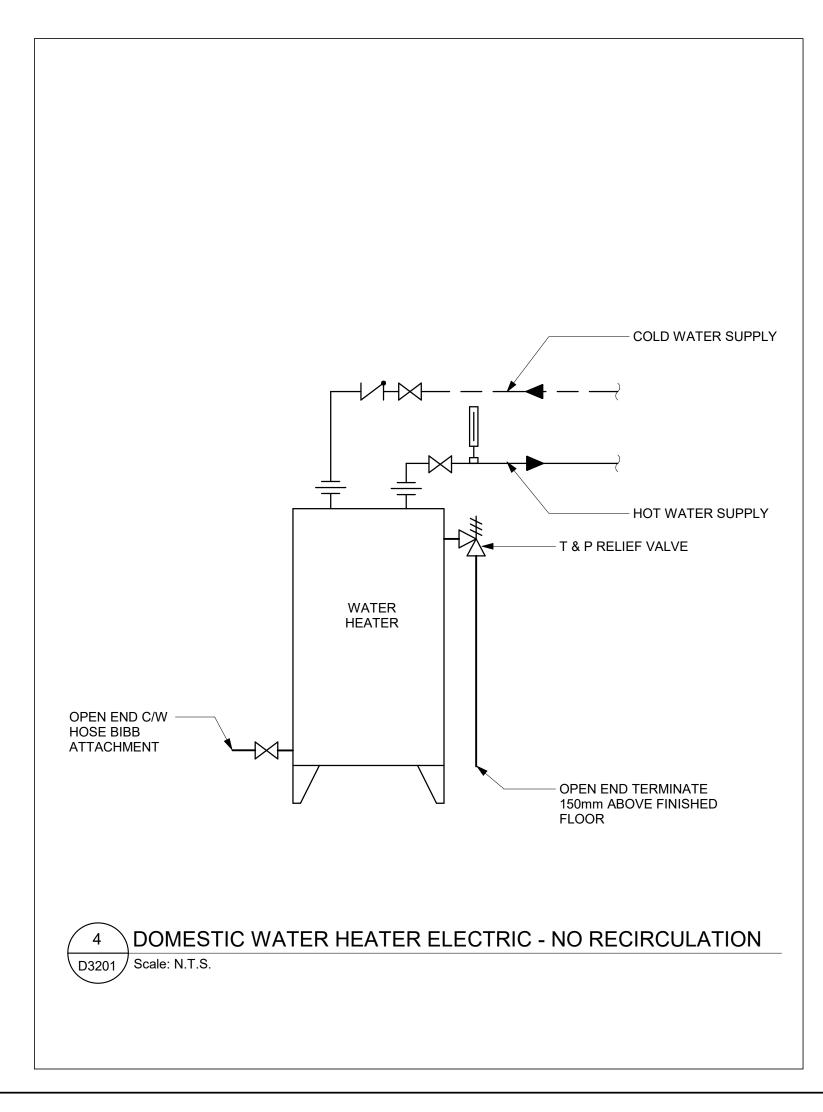
PLUMBING FIXTURE SCHEDULE

	1				
DESCRIPTION		SERV			
DESCRIPTION	CW	HW	WASTE	VENT	REMARKS
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	

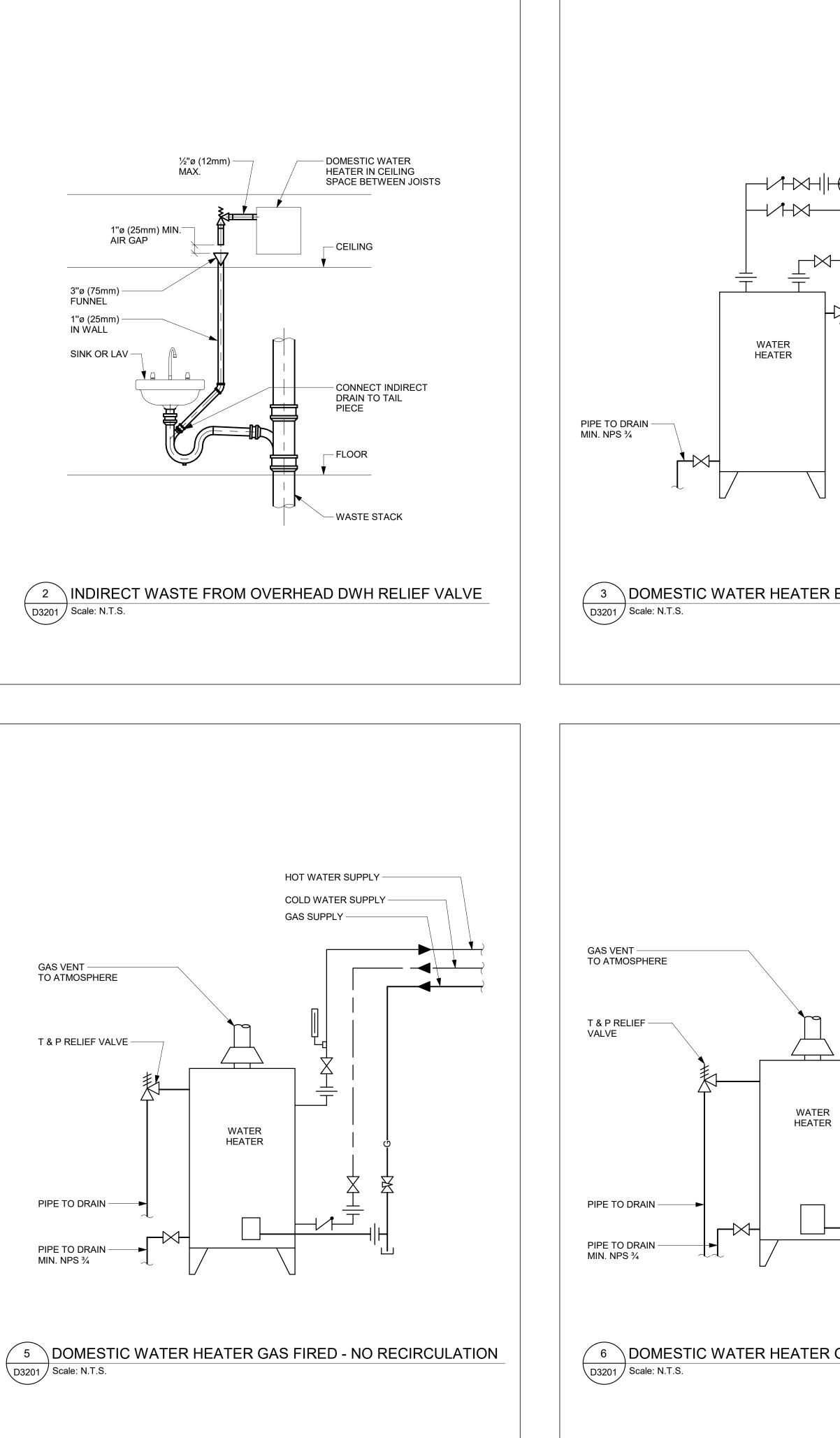
NOTES:

- 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.

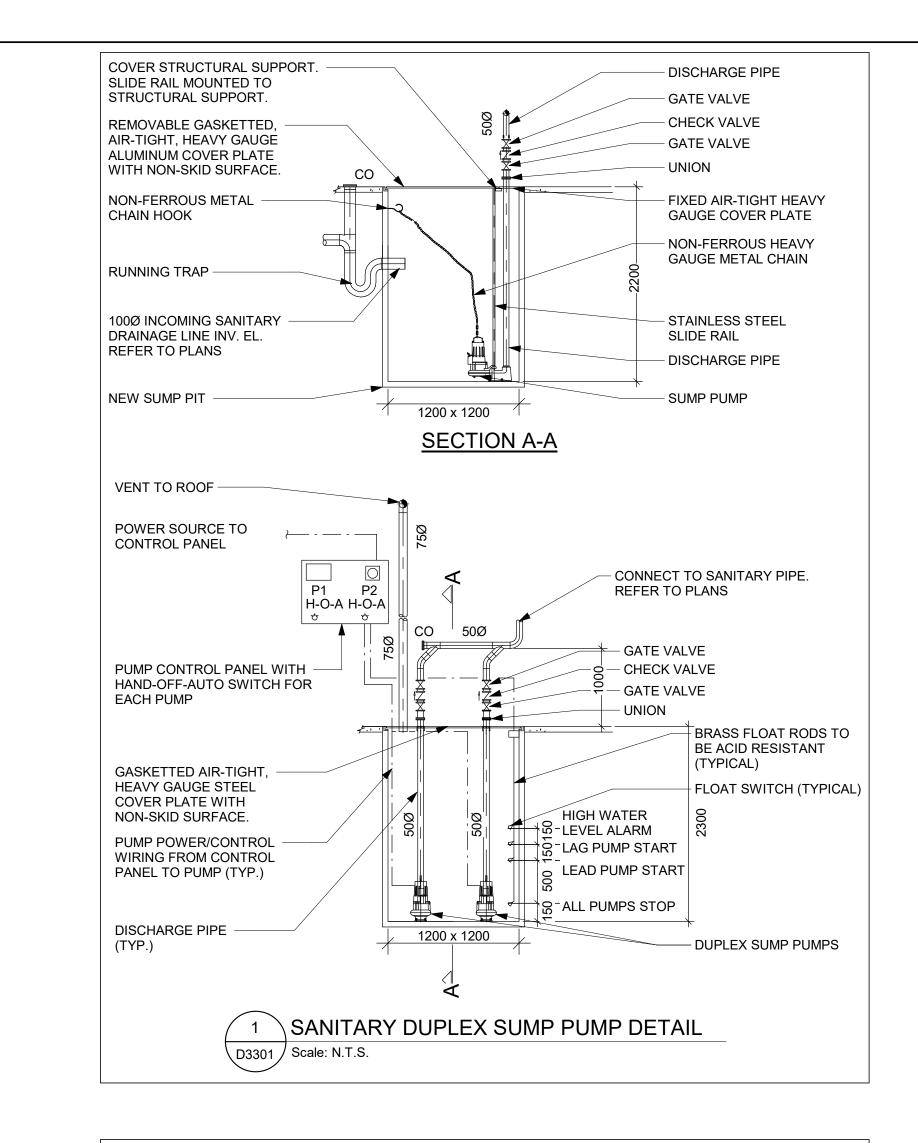


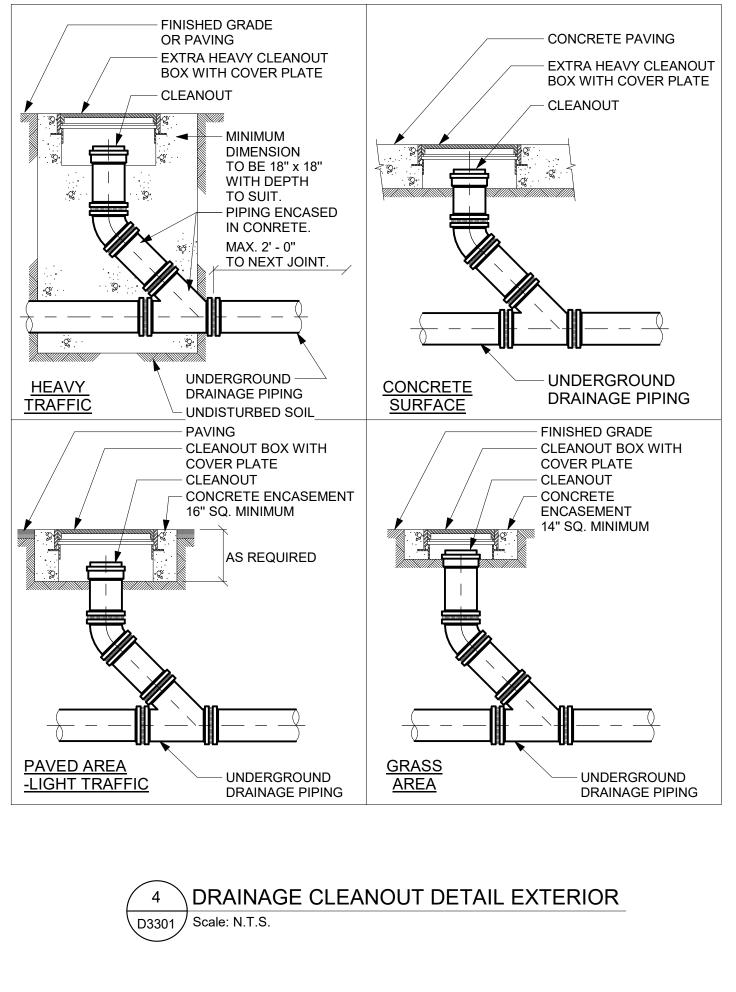


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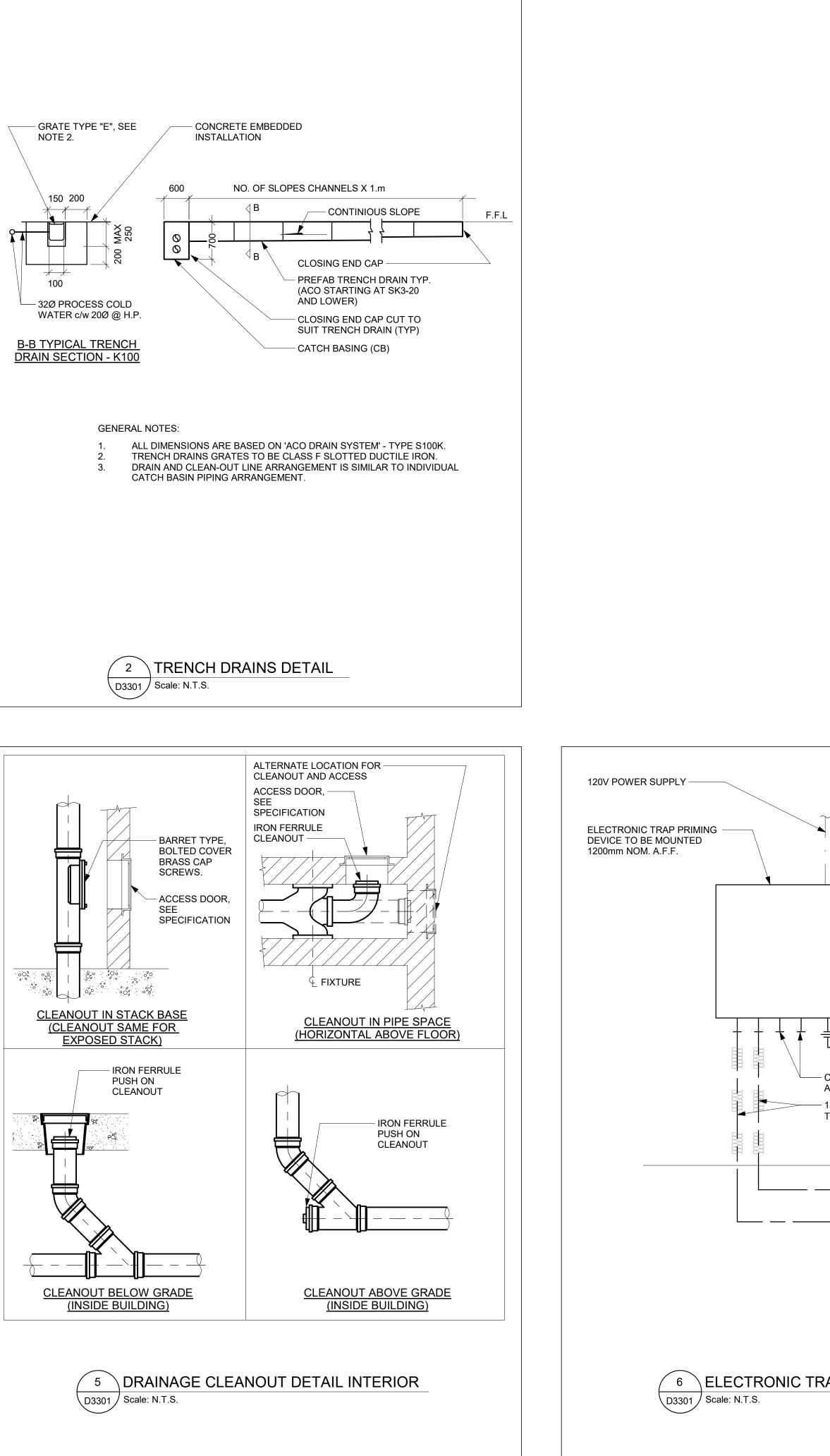


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	Project Management Office
	Metro Hall Toronto, ON M5V 3C6
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HOT WATER	conformance before proceeding with fabrication.
	Arcadis Professional Services (Canada) Inc.
	ISSUES No. DESCRIPTION DATE
	A 50% SUBMISSION 2021-11-19
	B 90% SUBMISSION 2022-02-22 C ISSUED FOR PERMIT 2022-03-18
	D ISSUED FOR TENDER 2022-12-07
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	F ISSUED FOR TENDER 2025-04-11
→ HOT WATER SUPPLY	
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ELECTRIC WITH RECIRCULATION	
	CONSULTANTS
	SEAL
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	PRIME CONSULTANT
	ARCADIS
	100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada
	tel 416 679 1930 www.arcadis.com
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	9119- 19- 0162 / Arcadis 30279056
	DRAWN BY: CHECKED BY:
	K. DURUKANB. LIAOPROJECT MGR:APPROVED BY:
	PROJECT MGR:APPROVED BY:F. BOLOURIANS. LIU
	SHEET TITLE
GAS FIRED WITH RECIRCULATION	PLUMBING DETAILS
	SHEET NUMBER ISSUE
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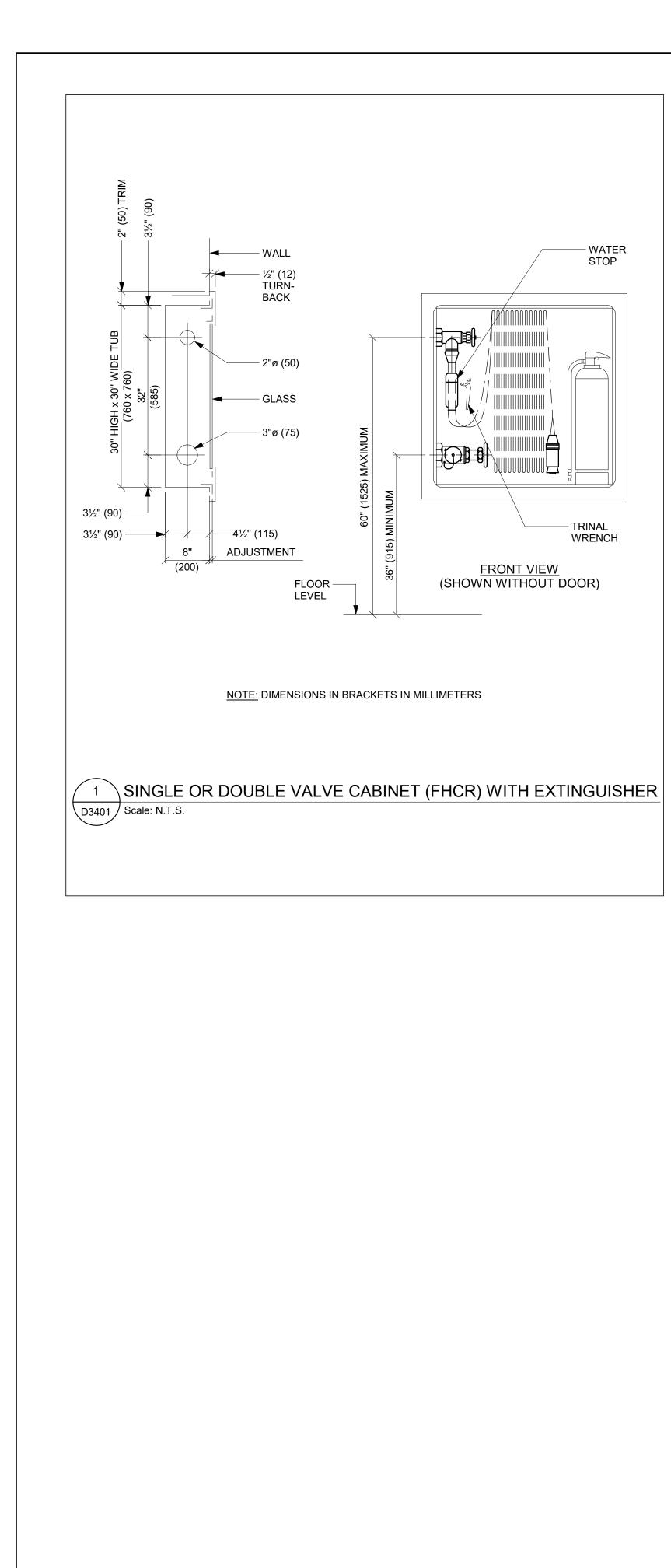




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— WATER STOP

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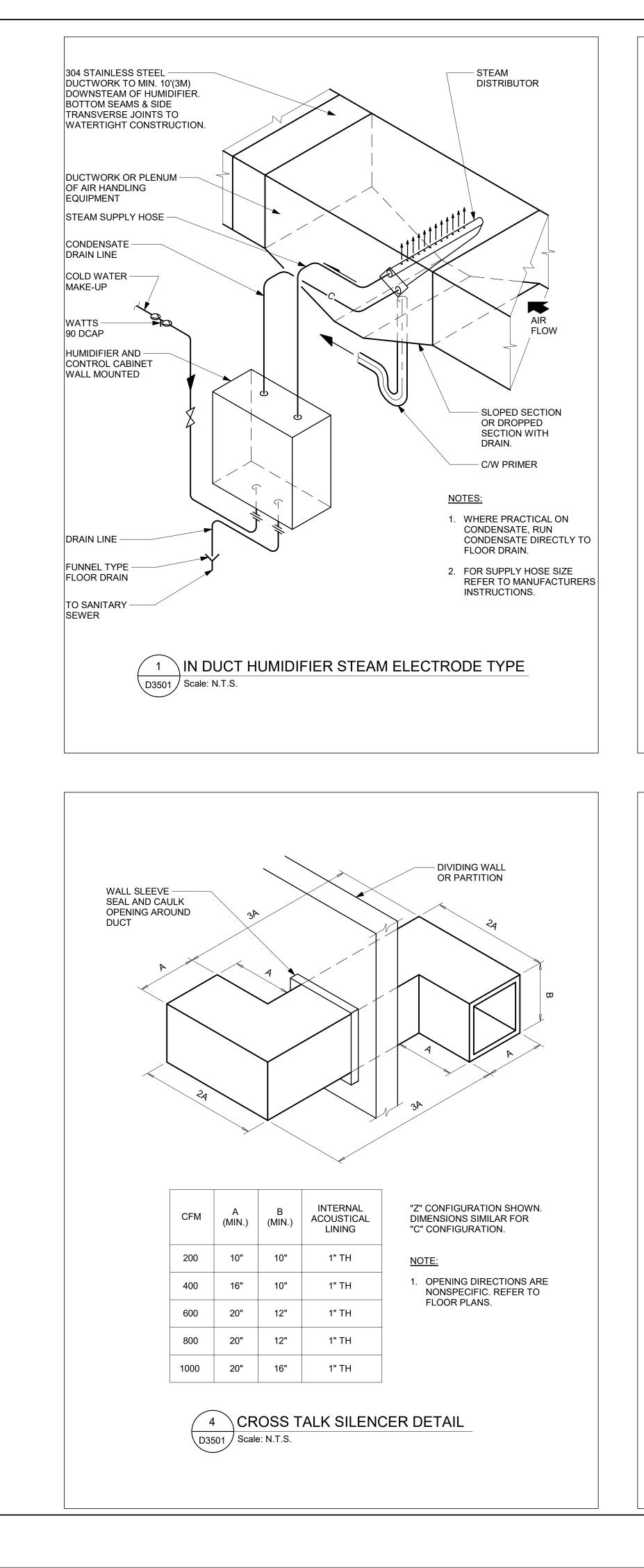
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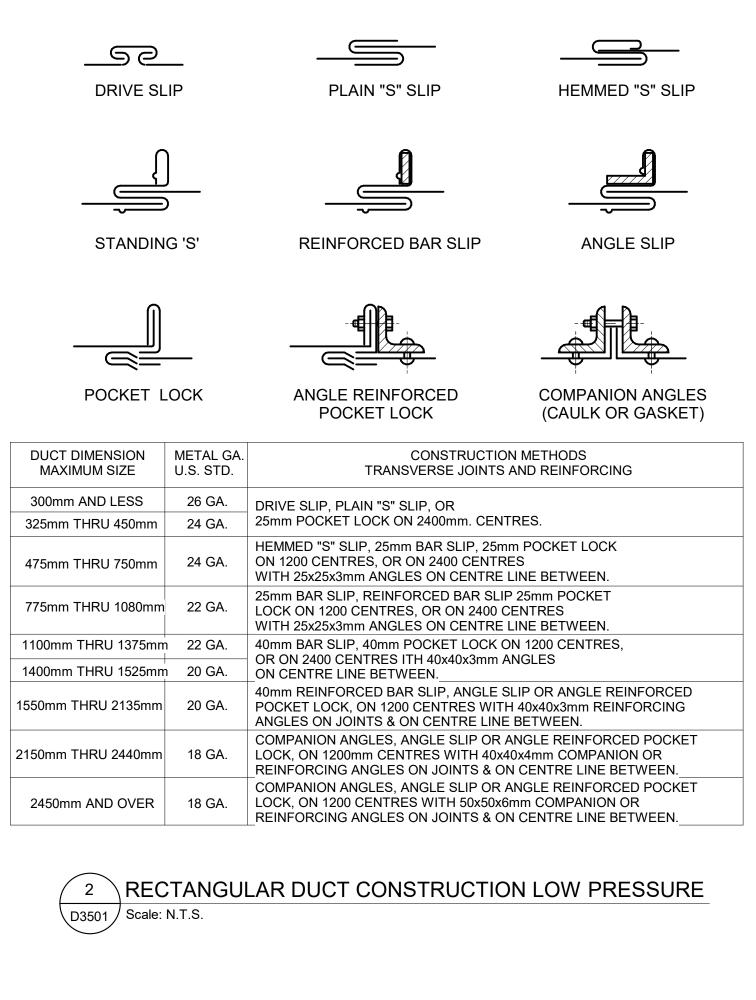
— TRINAL WRENCH

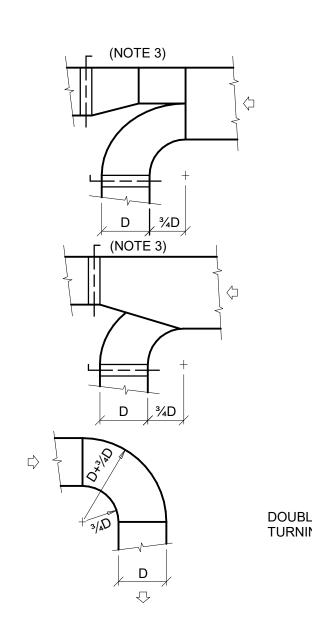
<u>FRONT VIEW</u> (SHOWN WITHOUT DOOR)

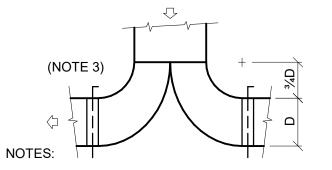


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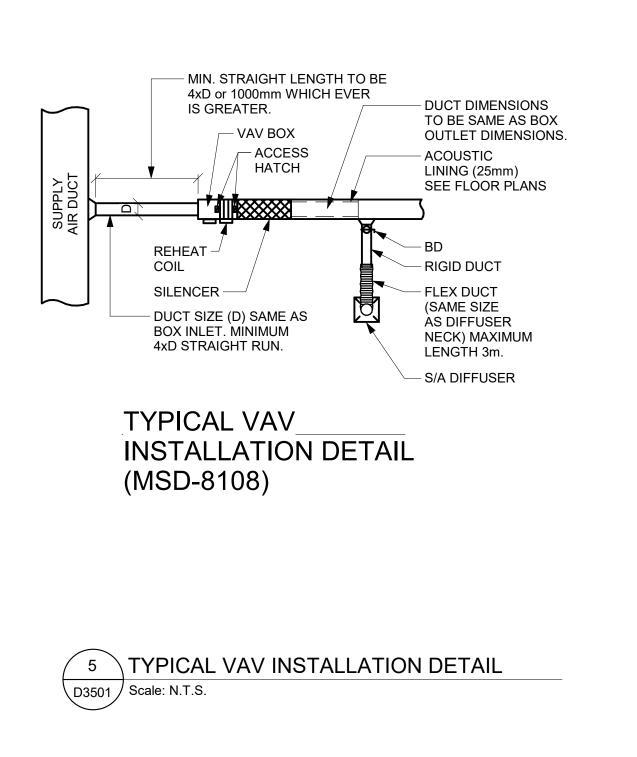


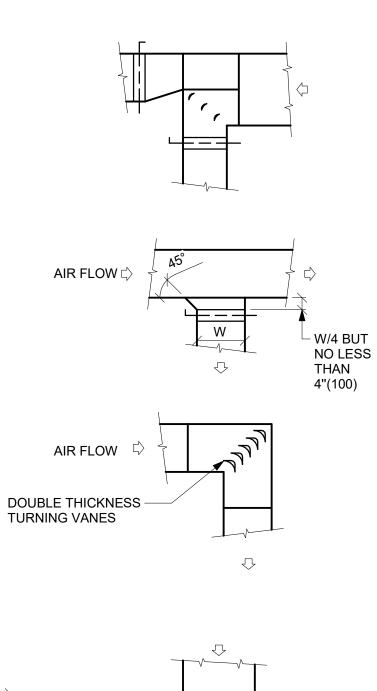


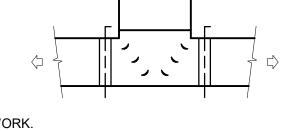


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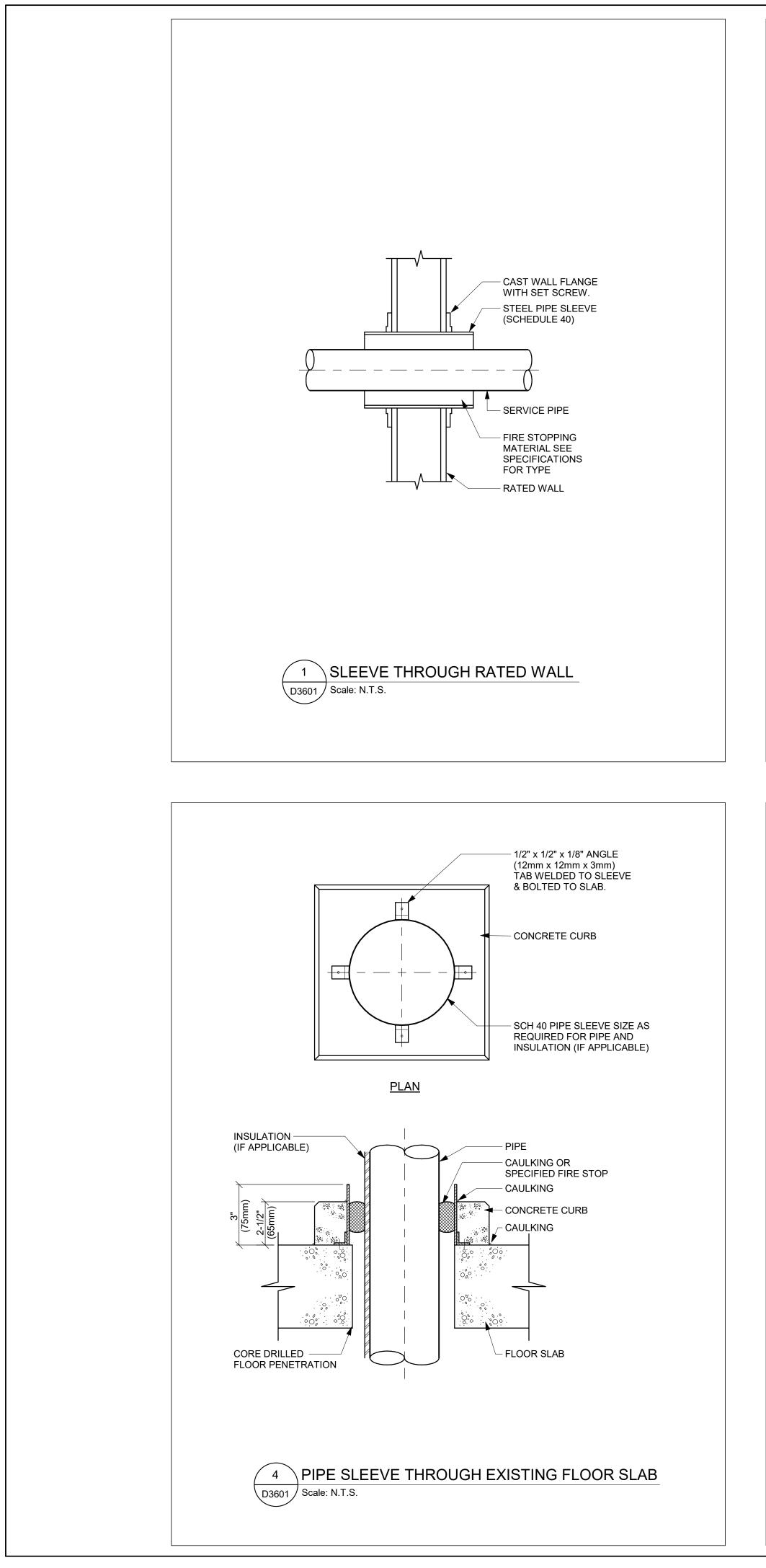
 \checkmark 3 \land LOW PRESSURE SUPPLY AND RETURN AIR DUCT TAKE-OFFS D3501 / Scale: N.T.S.



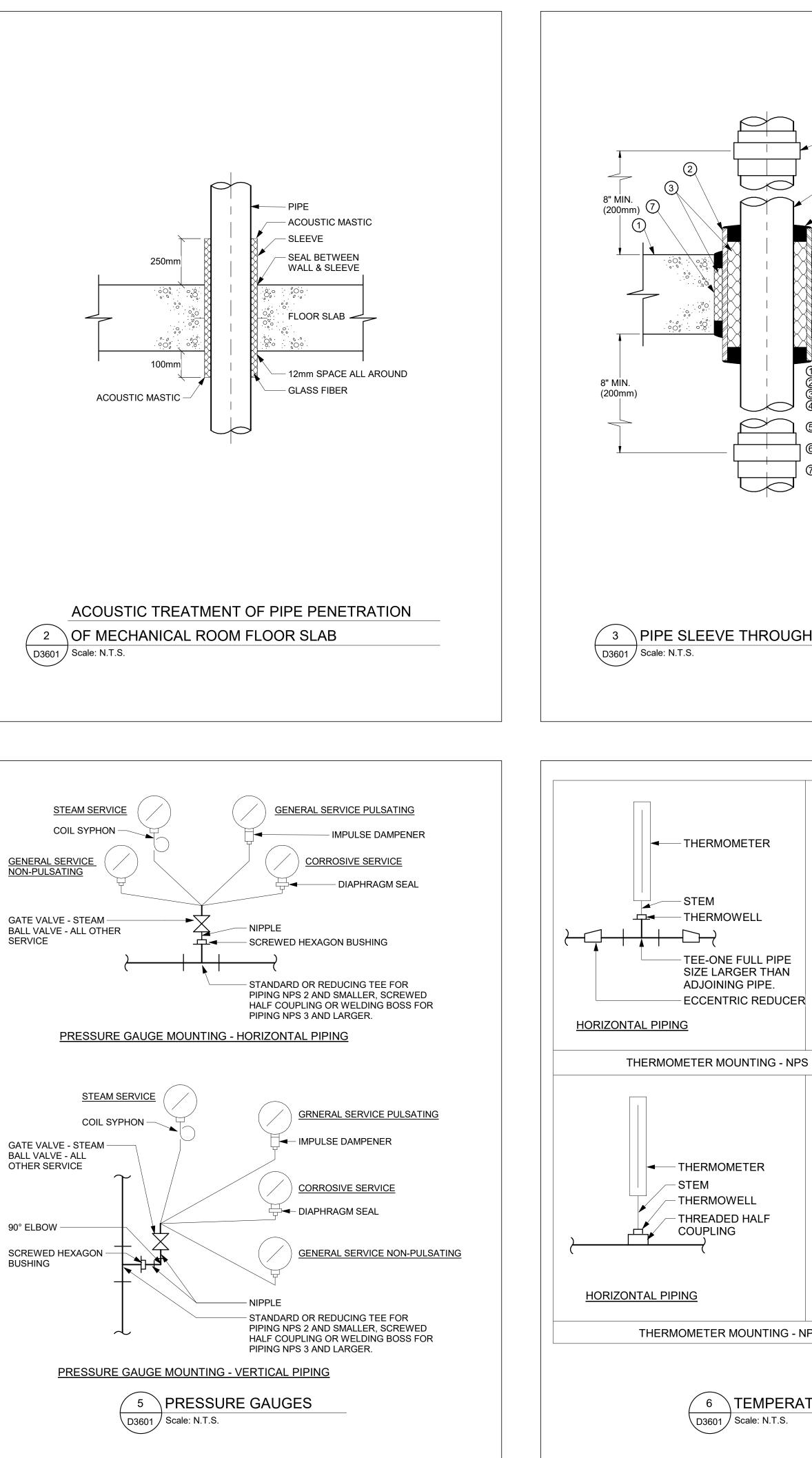




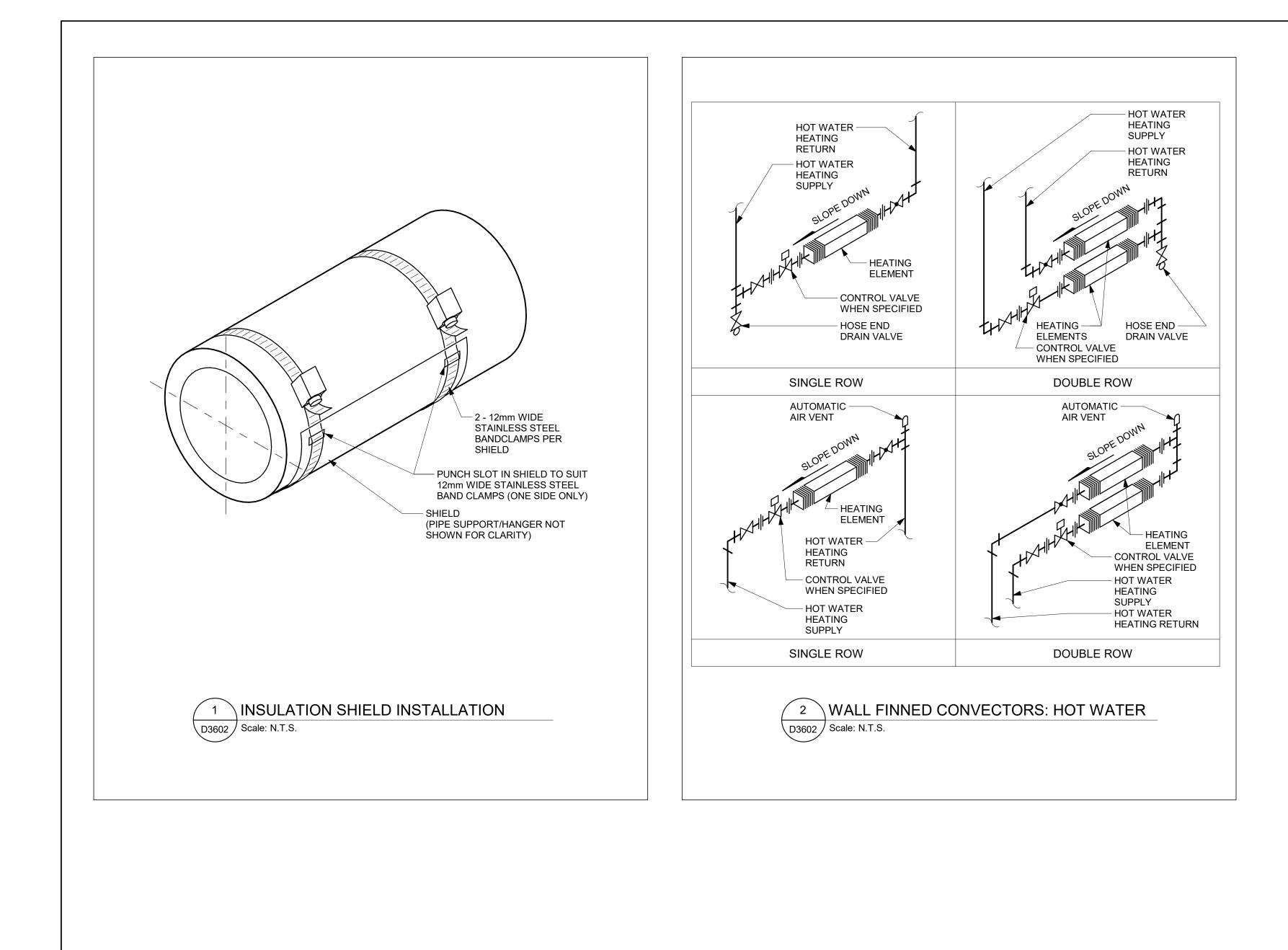
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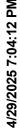


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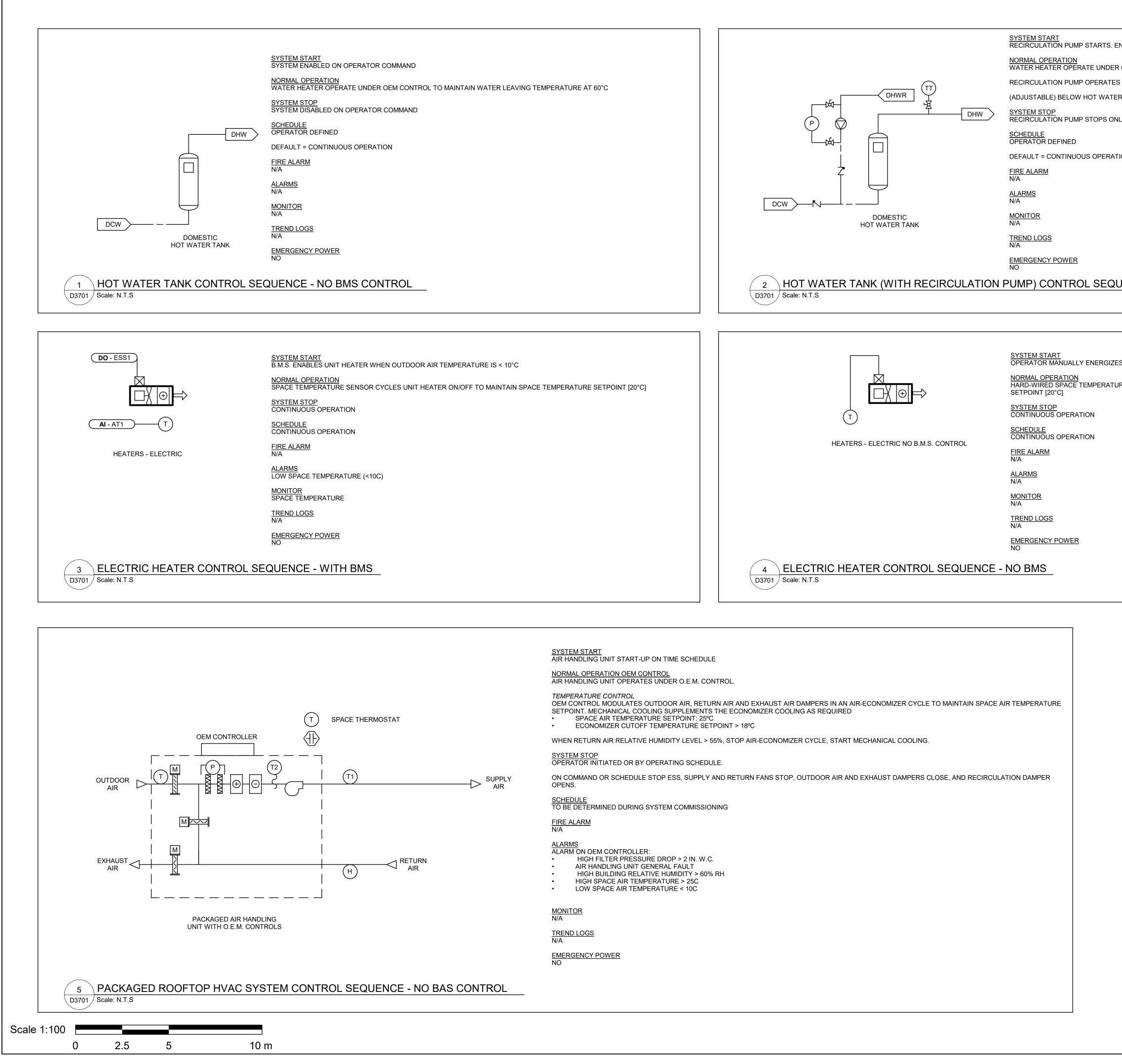


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 FLOOR ASSEMBLY SCHED. 40 STEEL PIPE SLEEVE MINERAL WOOL 70.5 Kg/m² DOW CORNING FIRE STOP SEALANT CAT. No. 2000 13mm MIN. SERVICE PIPE-COPPER-STEEL-C.I NO PLASTIC. PLASTIC TO COPPER-STEEL-C.I. ADAPTER CORE DRILLED HOLE. 	C ISSUED FOR PERMIT 2022-03-18 D ISSUED FOR TENDER 2022-12-07 E ISSUED FOR REVISED 2024-06-14 PERMIT F ISSUED FOR TENDER
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THERMOMETER THERMOWELL TEE-ONE FULL PIPE SIZE LARGER THAN ADJOINING PIPE. ECCENTRIC REDUCER	SEAL PRIME CONSULTANT
VERTICAL PIPING	100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com PROJECT TITLE CITY OF TORONTO
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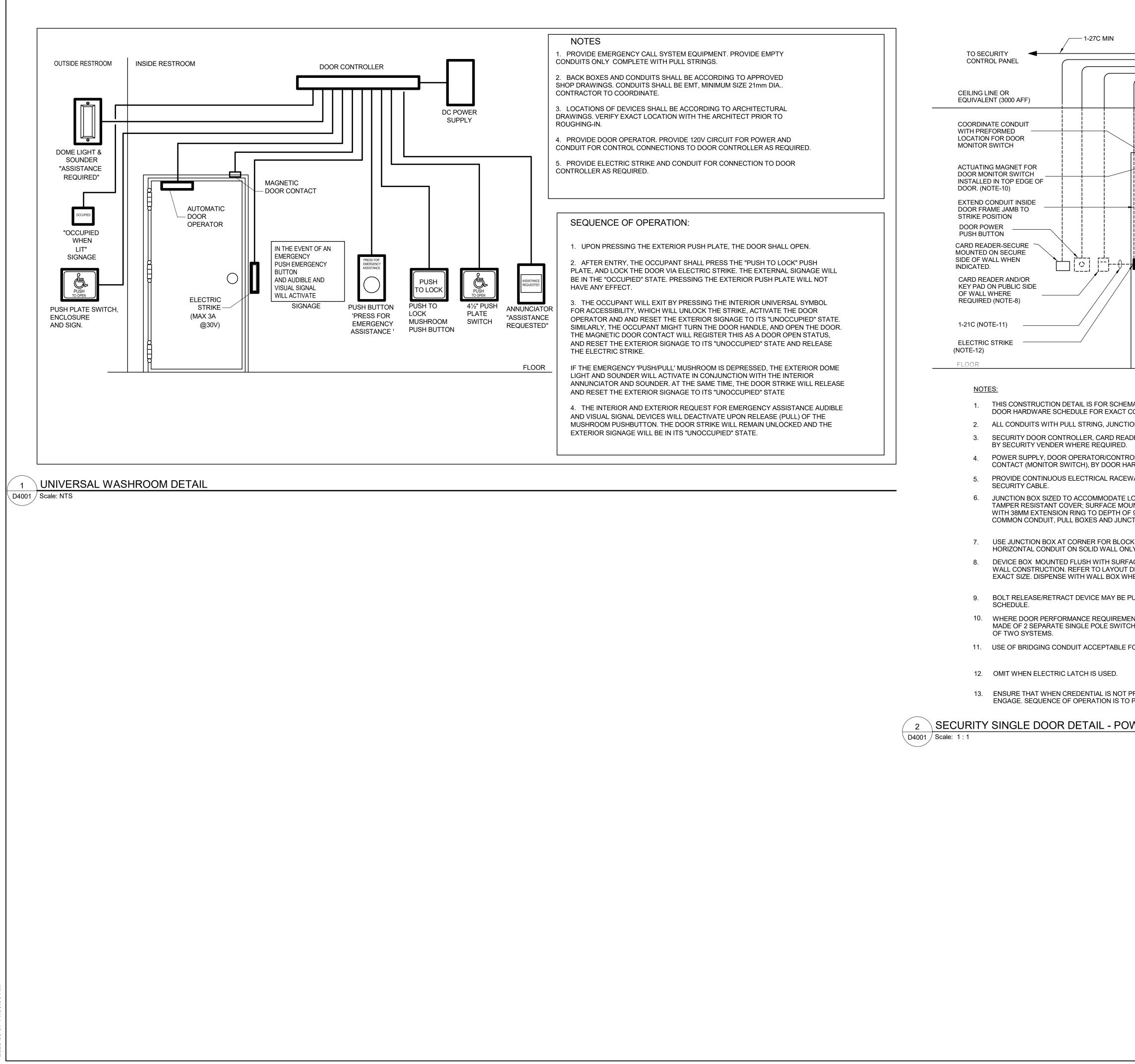




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ENABLE HOT WATER TANK		Corporate Real Estate Ma	nagement	
R OEM CONTROL TO MAINTAIN WATER LEAVING TEMPERATURE AT 60°C		Project Management Metro Hall Toronto, M5V 3C6	Office ON	
S WHEN REMOTE RECIRCULATION WATER TEMPERATURE IS 50°C		COPYRIGHT This drawing has been prepared solely for the intended us or distribution for any purpose other than authorized by	se, thus any reproduction	
ILY ON OPERATOR COMMAND		Written dimensions shall have precedence over scaled di shall verify and be responsible for all dimensions and co Arcadis shall be informed of any variations from the dim	ce over scaled dimensions. Contractors nensions and conditions on the job, and ons from the dimensions and conditions	
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JRE SWITCH CYCLES UNIT HEATER ON/OFF TO MAINTAIN SPACE TEMPERATURE				
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13. ENSURE THAT WHEN CREDENTIAL IS NOT PF ENGAGE. SEQUENCE OF OPERATION IS TO P

DOOR CONTROL BOX	TO POWER PANEL 1-21C (TYP.) NOTE-7 (TYP.)	CLIENT CITY OF TORONTO TORONTO Corporate Real Estate Management Project Management Office Metro Hall Toronto, ON M5V 3C6
DOOR OPERATOR	CONCEAL CONDUIT BELOW CEILING LINE OR 3000AFF (TYP.) DEVICE BOX FOR REQUEST TO EXIT SENSOR AND/OR AUDIO ANNUNCIATOR WHERE REQUIRED (NOTE-8)	When been prepared solely for the intended use, thus any reproduction or distribution for any purpose other than authorized by Arcadis is forbidden. Written dimensions shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job, and Arcadis shall be informed of any variations from the dimensions and conditions shown on the drawing. Shop drawings shall be submitted to Arcadis for general conformance before proceeding with fabrication. Arcadis Professional Services (Canada) Inc. ISSUES No. DESCRIPTION DATE A 50% SUBMISSION 2022-04-27 B 90% SUBMISSION 2022-07-29 C ISSUED FOR PERMIT 2022-07-29 D ISSUED FOR TENDER 2025-04-11
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IEN MULLION MOUNT IS INDICATED IN TH USH-BAR OR LEVER TYPE. USE TYPE INI NTS CALL FOR INTRUSION DETECTION A	Dx300x150 WITH REMOVABLE AND N. SAME WITH 100x100x54 DEVICE BOX NEOCK WALL CONSTRUCTION. USE N AND ACCESS CONTROL WIRING. TICAL CONDUIT. SURFACE MOUNT ASTER RING FOR CAVITY OR BLOCK WITH DOOR HARDWARE SCHEDULE FOR HE DOOR HARDWARE SCHEDULE. DICATED IN DOOR HARDWARE	CONSULTANTS
OR CAVITY OR BLOCK WALL CONSTUCT	S TRIGGERED THAT MOTOR DOES NOT	
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		PROJECT NO: 9119- 19- 0162 / Arcadis 30279056 DRAWN BY: CHECKED BY: V. MAC M. BOJIC PROJECT MGR: APPROVED BY: N. FRISCIC P. WILLIAMS SHEET TITLE ELECTRICAL DETAILS 1
		SHEET NUMBER ISSUE D4001 D

MOUNTING HEIGHTS SCHEDULE

LIGHT SWITCH	1050mm
RECEPTACLE - FINISHED AREAS	460mm
RECEPTACLE - UNFINISHED AREAS	1050mm
RECEPTACLE - ABOVE COUNTER	
DATA OUTLET - FINISHED AREA	460mm
DATA OUTLET - UNFINISHED AREA	1050mm
FIRE ALARM MANUAL PULL STATION	1200mm
FIRE ALARM HORN/STROBE	2460mm
FIRE ALARM STROBE	2460mm
FIRE ALARM END OF LINE DEVICE	1500mm
FIRE ALARM HEAT DETECTOR	CEILING
FIRE ALARM SMOKE DETECTOR	CEILING
FIRE ALARM REMOTE ANNUNCIATOR	2000mm
PANEL — — — — — — — — — — — —	2000mm
CONTROL PANEL	2000mm
MOTOR STARTER	1800mm
DISCONNECT SWITCH	1800mm
PUSH BUTTON STATION	1050mm
DOOR ACCESS CONTROL CARD READER	1050mm
VIDEO INTERCOM	AS PER MANUF. INSTRUCTIO
DOOR BY-PASS KEYED SWITCH	1050mm
BATTERY OPERATED EMERGENCY LIGHT	— — — 2700mm
EMERGENCY LIGHT BATTERY UNIT —	2700mm
THERMOSTAT	1200mm

MOUNTING HEIGHTS AS APPLICABLE

<u>general notes:</u>

- 1. PROVIDE 1-#6 GND WIRE FOR ALL UNDERGROUND EMPTY CON WITHOUT METAL WIRING/CABLES TO FACILITATE FUTURE DET
- 2. NO SPLICES ARE ALLOWED FOR COMMUNICATION CABLES.
- 3. NO SPLICES ARE ALLOWED BELOW GRADE FOR POWER WIRE
- 4. THERE MUST BE A BREAK IN ALL UNDERGROUND CONDUITS O BUILDING/TOWERS/ELECTRICAL/COMMUNICATIONS/BOILER RO BEFORE ENTERING THE ROOMS.
- 5. PROVIDE LAYOUT (WITH DIMENSIONS) OF ALL UNDERGROUND HOLES AND CONCRETE PULL BOXES TO THE CONSULTANT FO
- 6. INSTALL HAND HOLES AWAY FROM MAJOR TRAFFIC AREAS (T
- 7. PROVIDE HEAT TRACING PROTECTION FOR WATER PIPES, STO ON ELECTRICAL DRAWINGS. REFER TO MECHANICAL DRAWING BE RAYCHEM MODEL #8XL-TRACE, 208V, 1PH, SELF REGULATIN EQUIVALENT, C/W POWER SUPPLY MODULE, THERMOSTAT AN FUNCTIONING SYSTEM. STARTUP TEMPERATURE -29°C (-20°F).
- 8. WHERE CONDUITS ARE INSTALLED ACROSS EXPANSION JOINT EXPANSION/CONTRACTION FITTINGS.
- 9. <u>ELEVATOR FIRE ALARM AUTOMATIC RECALL:</u> ELEVATOR LOBBY MOUNTED FIRE DETECTORS AND SECURITY DESIGNATED LEVEL UPON FIRE ALARM. SHOULD DETECTOR A INDICATE FIRE, ELEVATOR TO BE DIRECTED TO ALTERNATE LI RECAL SCHEDULE. ELEVATOR CONTRACTOR TO COORDINATE DESIGNATED/ALTERNATE LEVELS.
- 10. SMOKE DETECTOR AT TOP OF ELEVATOR SHAFT TO BE AIR SA CONTROL UNIT IN A TAMPER PROOF ENCLOSURE (NEMA 4X) C SAMPLING SMOKE DETECTOR TO BE EST READY SET BY EDW/
- 11. SITE PLAN DRAWINGS INDICATE UNDERGROUND POWER CON (CONCRETE PULL BOXES, HAND HOLES OR MAN HOLES). WHE FOR WIRING SEPARATION, PROVIDE ADDITIONAL CONCRETE F AN ADDITIONAL MAN HOLE IS REQUIRED, IT IS PREFERRED TO CONCRETE PULL BOX IF POSSIBLE.

	CITY OF TORONTO TORONTO Corporate Real Estate Management Project Management Office Metro Hall Toronto, ON M5V 3C6
ONDUITS AND COMMUNICATIONS CONDUITS TECTION.	COPYRIGHT This drawing has been prepared solely for the intended use, thus any reproduction or distribution for any purpose other than authorized by Arcadis is forbidden. Written dimensions shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job, and Arcadis shall be informed of any variations from the dimensions and conditions shown on the drawing. Shop drawings shall be submitted to Arcadis for general conformance before proceeding with fabrication.
E AND CABLE.	Arcadis Professional Services (Canada) Inc.
OUTSIDE THE ROOM TO ALLOW DRAINAGE OF RACEWAY	ISSUES DESCRIPTION DATE
COMITO ALLOW DRAINAGE OF RACEWAT	A50% SUBMISSION2022-01-20B90% SUBMISSION2022-02-22
ID PULL POINTS INCLUDING HAND HOLES, MAN OR APPROVAL PRIOR TO INSTALLATION.	CISSUED FOR PERMIT2022-03-18DISSUED FOR TENDER2025-04-11
TYPICAL).	
TORM PIPES AND SANITARY PIPES AS SHOWN NGS FOR PIPING LAYOUT. HEAT TRACING SHALL TING TRACING CABLE OR APPROVED ND ALL ACCESSORIES FOR A COMPLETE AND	
NTS, PROVIDE CONDUITS WITH	
TY PANEL TO RECALL ELEVATORS TO AT DESIGNATED LEVEL ELEVATOR LOBBY LEVEL. REFER TO ELEVATOR AUTOMATIC FIRE TE WITH TSSA AND CONFIRM	
SAMPLING SMOKE DETECTOR TYPE. INSTALL OUTSIDE OF ELEVATOR CLOSET. AIR VARDS OR APPROVED EQUAL.	
NDUITS AND CORRESPONDING PULL POINTS ERE OEC REQUIRES ADDITIONAL PULL POINTS PULL BOX (OR HAND HOLE) AS REQUIRED. IF O PROVIDE AN ADDITIONAL HAND HOLE OR	
	CONSULTANTS
	SEAL
	PRIME CONSULTANT
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	PROJECT TITLE CITY OF TORONTO ACCESSIBILITY UPGRADES
	PROJECT ADDRESS
	PROJECT NO:9119- 19- 0162 / Arcadis 30279056DRAWN BY:CHECKED BY:V. MACM. BOJICPROJECT MGR:APPROVED BY:F.BOLOURIANP. WILLIAMSSHEET TITLEELECTRICAL GENERAL NOTES
	SHEET NUMBER ISSUE OF CONTRACT
	G03-G4003 D

CLIENT

CITY OF TORONTO ACCESSIBILITY UPGRADES

	TOUCH AND FEEL INDEX
SHEET #	SHEET TITLE
Т00	COVER PAGE
T01	WASHROOM
T02	WASHROOM ACCESSORIES
T02.1	WASHROOM ACCESSORIES
Т03	WASHROOM FIXTURES & DRINKING FOUNTAIN
T04	KITCHEN MATERIALS AND FIXTURES
T05	RESERVED
T06	TACTILE ATTENTION INDICATORS
Т07	TEXTURAL & COLOUR CONTRAST WARNING STRIP AND NOSING
T08	DOOR THRESHOLDS

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



CITY OF TORONTO ACCESSIBILITY UPGRADES



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TOUCH AND FEEL INTERIOR FIXTURES AND MATERIALS

Project Number: 9119- 19- 0162 / Arcadis 30279056 Date: 2025-04-11

VVA	SHROOM 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

FOR WASHROOMS WHERE ALL FIXTURES AND WALLS ARE BEING REMOVED ONLY



CWT-4



PFT-4

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



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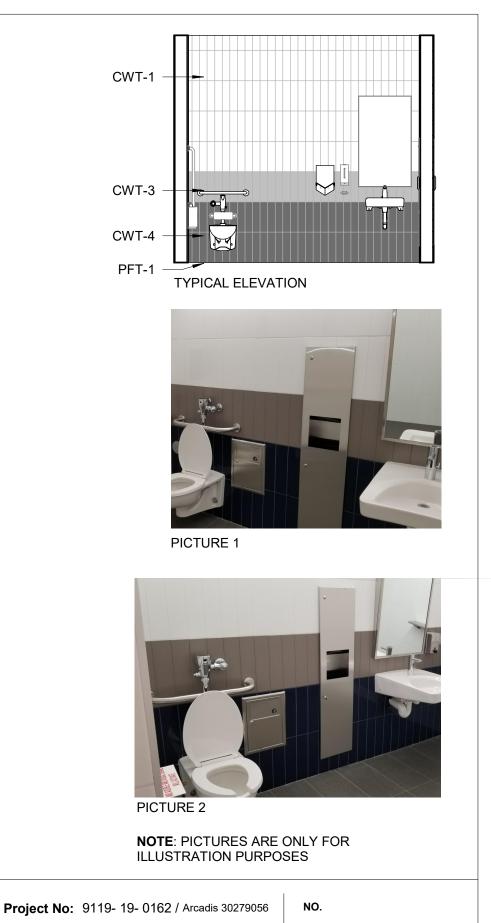
ACCESSIBILITY UPGRADES

DRAWING TITLE:

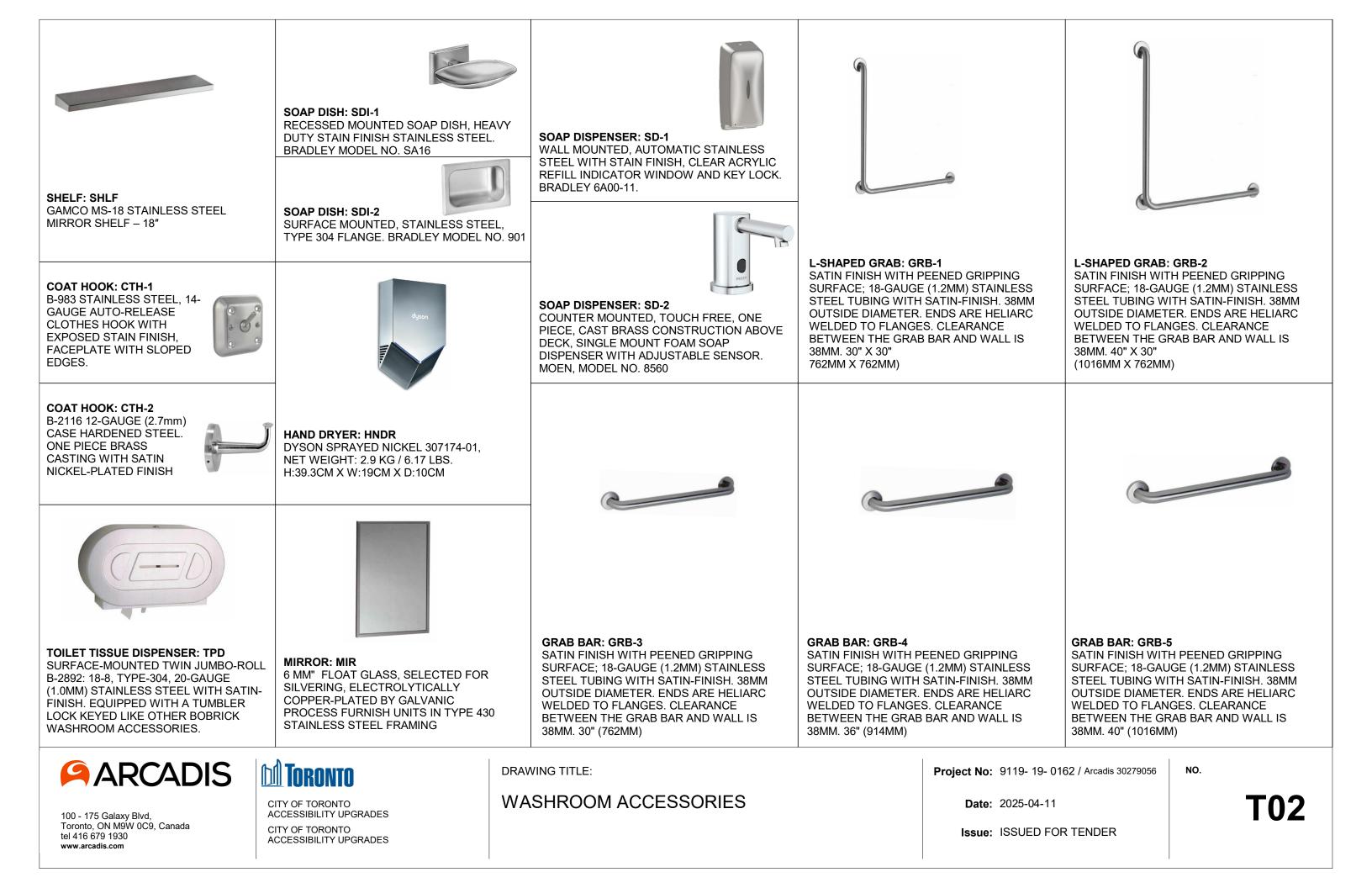
WASHROOM

Date: 2025-04-11

Issue: ISSUED FOR TENDER



T01



x			
WASTE RECEPTACLE: PTD/WR (SR) <u>SEMI-RECESSED</u> B-38032: 18-8, TYPE 304, HEAVY-GAUGE STAINLESS STEEL. ALL-WELDED	PAPER TOWEL DISPENSER AND WASTE RECEPTACLE: PTD/WR (R) RECESSED CONVERTIBLE B-3940: 18-8, TYPE 304, HEAVY-GAUGE STAINLESS STEEL. EXPOSED SURFACES HAVE STAIN-FINISH.	PAPER TOWEL DISPENSER AND WASTE RECEPTACLE: PTD/WR (S) SURFACE-MOUNTED B-3699: 18-8, TYPE 304, 22-GAUGE (0.8mm) STAINLESS STEEL. ALL-WELDED CONSTRUCTION. EXPOSED SURFACES HAVE STAIN-FINISH.	
304, 18 GUAGE STAINLESS STEEL. ALL-WELDED CONSTRUCTION.	PAPER TOWEL DISPENSER: PTD (R) <u>RECESSED</u> B-35903: TYPE 304, HEAVY-GAUGE STAINLESS STEEL. ALL-WELDED CONSTRUCTION. EXPOSED SURFACES HAVE STAIN- FINISH.		
100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com	CITY OF TORONTO ACCESSIBILITY UPGRADES CITY OF TORONTO ACCESSIBILITY UPGRADES	DRAWING TITLE: WASHROOM AC	CESSORIES

Project No: 9119- 19- 0162 / Arcadis 30279056

NO.

T02.1

Date: 2025-04-11



FAUCET: TO BE USED WITH ALL LAVATORY TYPES

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



TOILET: W1H WALL HUNG - WHITE FINISH - VITREOUS CHINA WITH EVERCLEAN ANTIMICROBIAL SURFACE. NO. 3351.101.002



TOILET: W2H

FLOOR MOUNTED WHITE FINISH - VITREOUS CHINA WITH EVERCLEAN ANTIMICROBIAL SURFACE. NO. 3461.001.020



TOILET WITH TANK: W3H FLOOR MOUNTED WHITE FINISH - VITREOUS CHINA

WITH EVERCLEAN ANTIMICROBIAL SURFACE. PA TANK, 1.1 GPF WHITE

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CITY OF TORONTO ACCESSIBILITY UPGRADES CITY OF TORONTO ACCESSIBILITY UPGRADES DRAWING TITLE:

WASHROOM FIXTURES & **DRINKING FOUNTAIN**

Project No: 9119- 19- 0162 / Arcadis 30279056

Date: 2025-04-11

DRINKING FOUNTAIN



DRINKING FOUNTAIN: DF

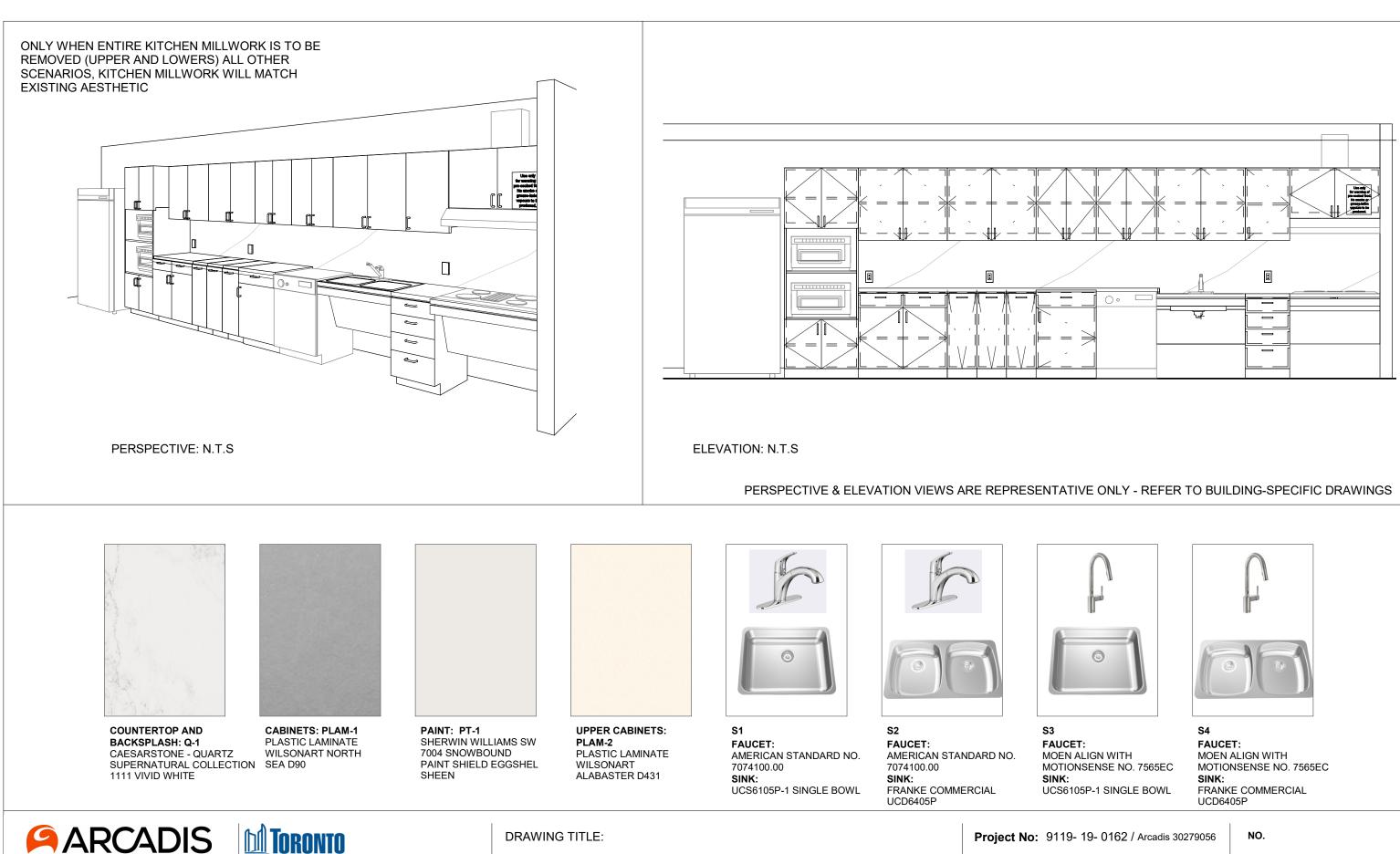
EZSDWSLK GALVANIZED STEEL WALL MOUNTED, WHEELCHAIR TYPE WATER COOLER WITH STAINLESS STEEL TOP, FRONT AND SIDE MOUNTED PUSH TO OPERATE LEVER(S), SENSOR, TOUCHLESS ACTIVATION WITH AUTO SHUT OFF BOTTLE FILLER, FLEXI-GUARD SAFETY BUBBLER, AND TRAP PACKAGE.



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

NO.

T03



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KITCHEN MATERIALS AND FIXTURES

Date: 2025-04-11



RESERVED RESERVED

RESERVED



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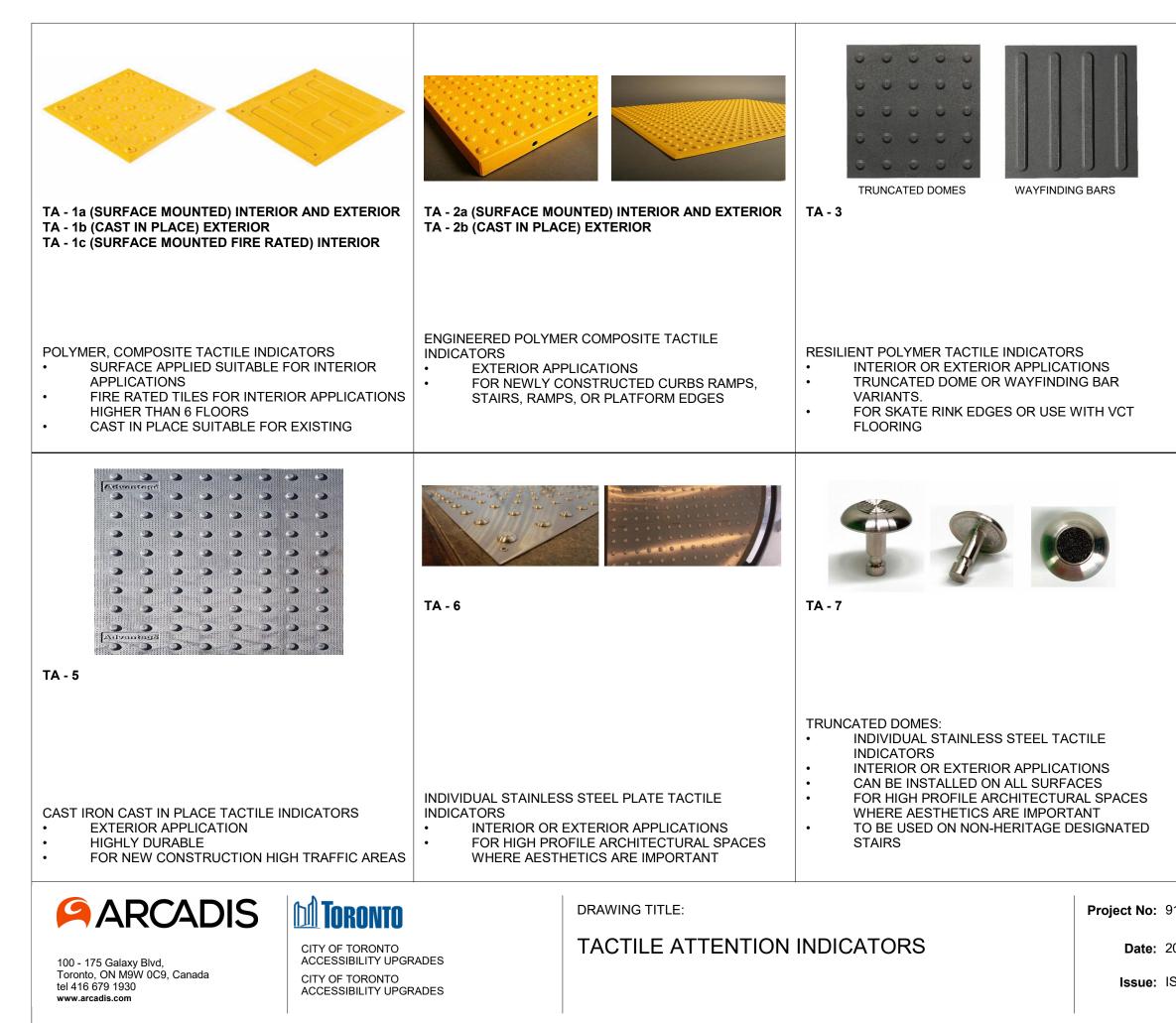


Project No: 9119- 19- 0162 / Arcadis 30279056

NO.

T05

Date: 2025-04-11





TRUNCATED DOMES



WAYFINDING BARS

TA - 4

PORCELAIN TACTILE INDICATORS

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



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 HEBITAGE DESIGNATED
- TO BE USED ON NON-HERITAGE DESIGNATED
 STAIRS

Project No: 9119- 19- 0162 / Arcadis 30279056

NO.

T06

Date: 2025-04-11

ISSUED FOR TENDER

A - 11 INTERIOR AND EXTERIOR EXTURAL WARNING STRIP	TA - 12 EXTERIOR CAST IN PLACE CONTRAST AND TEXTURAL WARNING STRIP	TA - 16 INTERIOR AND EXTERIOR USE (ON EXISTING) ON SMOOTH SURFACES STAIR NOSING FOR: TILE, CONC, WOOD, CARPET, VINYL.
AFFIXED WITH ADHESIVE AND SCREWS SIZES: 50.8MM X 203MM REFER TO DRAWINGS FOR REQUIRED LENGTH AND WIDTH	 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 	 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 - 19 EXTERIOR USE ON POURED CONCRETE. STAIR NOSING.	TA - 20 INDOOR AND OUTDOOR USE ON NEW POURED CONCRETE STAIR NOSING.
A - 18 INTERIOR USE ON NEW CARPETED LOORING. STAIR NOSING. ANODIZED ALUMINUM NOSE, SPECIFICALLY DESIGNED FOR CARPETED STAIRS, INSTALLED WITH EITHER NON-SLIP STRIP OR WITH PHOTOLUMINESCENCE CONTRAST STRIP INSTALLED WITH SCREWS SIZES: 66MM - 89MM REFER TO DRAWINGS FOR REQUIRED LENGTH AND WIDTH	 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 	 INSTALL INTO WET CONCRETE. USED ON CONCRETE CONCRETE-FILLED STEEL PAN STAIRS, AND PRECONCRETE STAIRS. AVAILABLE IN CUT TO LENGTH SIZES. (TOLERANCI STANDARD LENGTHS ARE 8FT AND 10FT. INSERTS ATTACHED OR UNATTACHED – INSERTS CAN BE INSTALLED LATER TO ENSURE THE PRODUAND HAS NOT BEEN DAMAGED DURING CONSTRUCTIONARE INSTALLED WITH A PREMIUM POLYURETHANE A CLEAR PROTECTIVE TAPE WRAPS AROUND THE KEEP THE PRODUCT CLEAN DURING INSTALLATIO CUT THE TAPE ALONG THE EDGES AND PEEL AWARD
	DRAWING TITLE: TEXTURAL & COLOU	Project No: 9 R CONTRAST Date: 20

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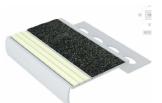
ACCESSIBILITY UPGRADES CITY OF TORONTO ACCESSIBILITY UPGRADES

WARNING STRIP AND NOSING

Date: 2025-04-11

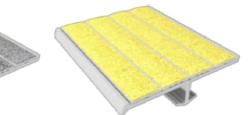
Issue: ISSUED FOR TENDER





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

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



RETE STAIRS, E-CAST

ICE +OR- 1/8")

IS UNATTACHED DUCT IS CLEAN RUCTION. INSERTS NE ADHESIVE. IE PRODUCT TO ION. TO REMOVE, NAY.

9119- 19- 0162 / Arcadis 30279056

NO.

T07

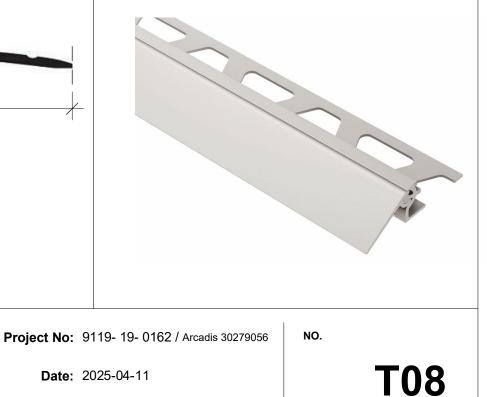


ANODIZED ALUMINUM TRANSITION STRIP BETWWEEN NEW AND EXISTING FLOOR



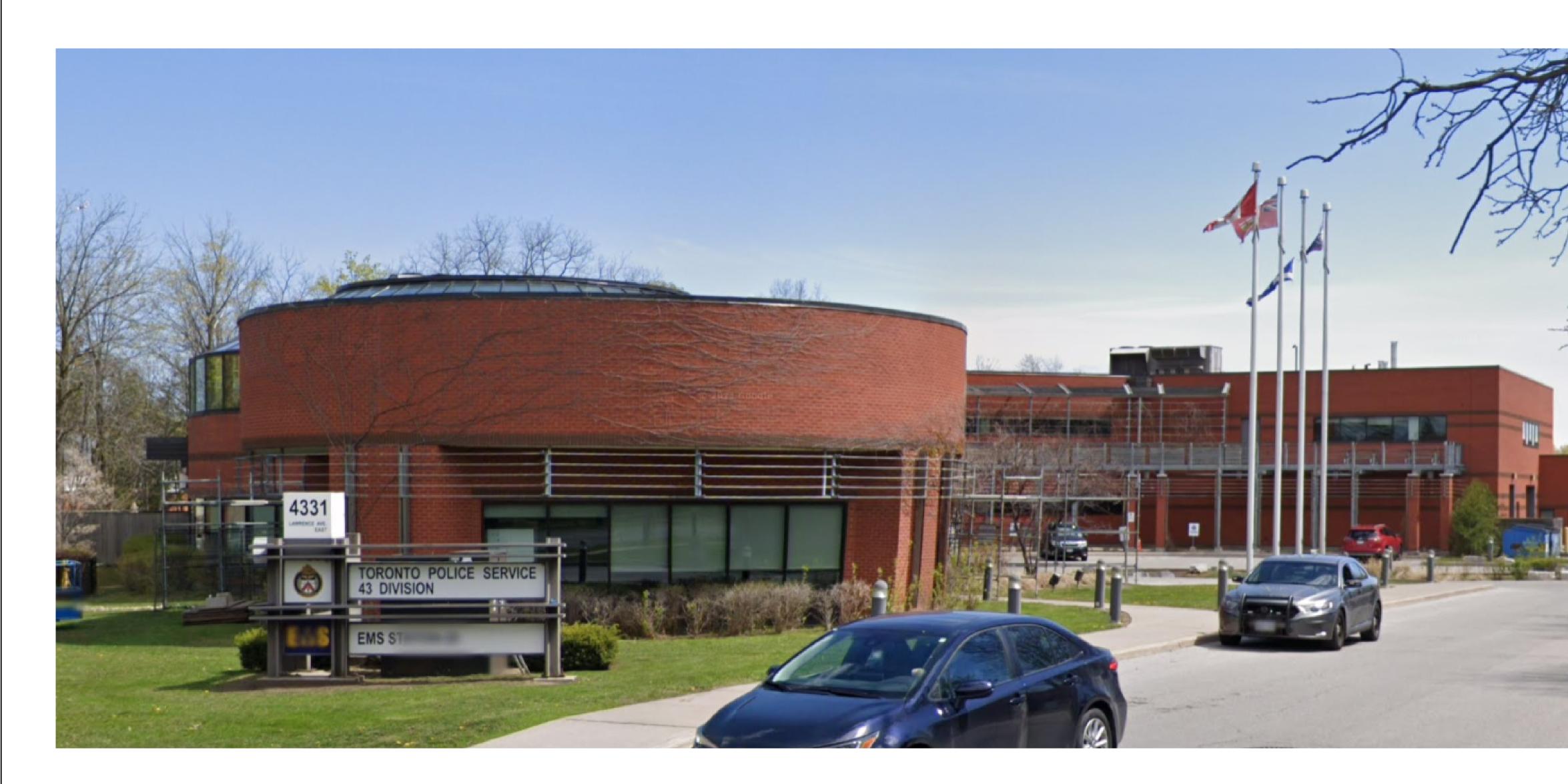
TH-5a

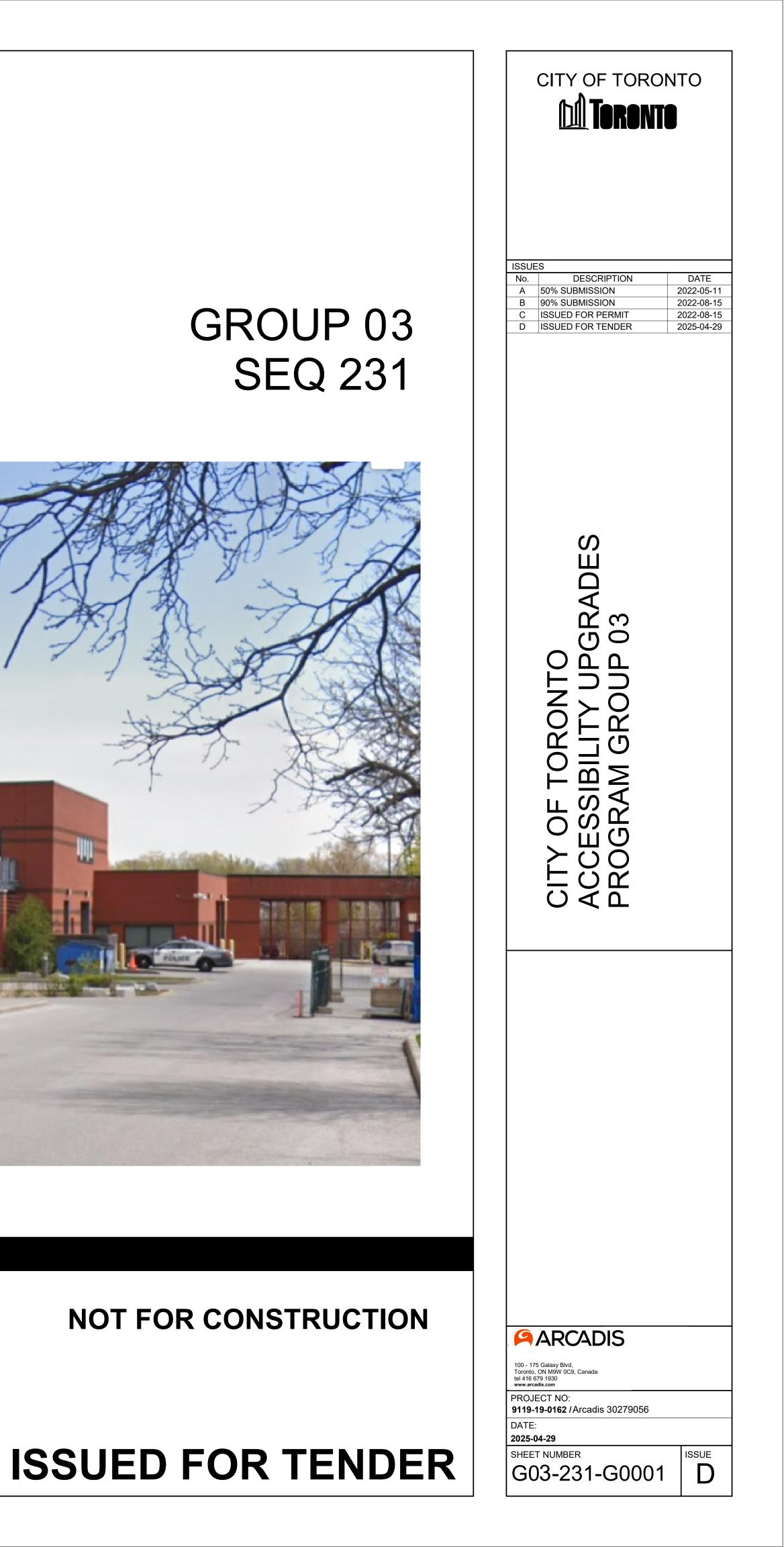
SATIN ANODIZED ALUMINUM TRANSITION STRIP FOR NEW FLOORING ON BOTH SIDE VARIES HEIGHTS (TILE TO ANY FLOOR SURFACE)



CITY OF TORONTO ACCESSIBILITY UPGRADES 9119-19-0162 / Arcadis 30279056

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





GENERAL DRAWING INDEX

SHEET NAME

COVER SHEET G0002 DRAWING LIST

SHEET NUMBER

G0001

GENERAL DETAILS DRAWING INDEX

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

ARCHITECTURAL DRAWING INDEX

SHEET NUMBER	SHEET NAME
A1201	SITE PLANS
A2001	BASEMENT AND SITE STAGING AND EXITING PLAN
A2011	FIRST FLOOR STAGING AND EXITING PLAN NORTH
A2012	FIRST FLOOR STAGING AND EXITING PLAN SOUTH
A2021	SECOND FLOOR STAGING AND EXITING PLANS
A2101	BASEMENT DEMOLITION PLAN
A2111	FIRST FLOOR DEMOLITION PLAN NORTH
A2112	FIRST FLOOR DEMOLITION PLAN SOUTH
A2121	SECOND FLOOR DEMOLITION PLANS
A2401	BASEMENT PROPOSED PLAN
A2411	FIRST FLOOR PROPOSED PLAN NORTH
A2412	FIRST FLOOR PROPOSED PLAN SOUTH
A2421	SECOND FLOOR PROPOSED PLANS
A2601	PARTIAL FINISH PLANS
A2801	PARTIAL REFLECTED CEILING PLAN
A5011	WASHROOM PLANS AND ELEVATIONS
A5012	MULTISTALL WASHROOM AND PENAL WARE PLANS
A5013	MULTISTALL WASHROOMS ELEVATIONS
A5014	UNIVERSAL WASHROOM PLANS AND ELEVATIONS
A5111	DOOR ENLARGED PLAN AND ELEVATIONS
A5211	STAIR PLANS AND SECTIONS
A5212	STAIR PLANS AND SECTIONS
A7111	KITCHEN MILLWORK PLAN AND ELEVATIONS
A7112	KITCHEN MILLWORK PLAN AND ELEVATIONS
A9001	DOOR AND ROOM FINISH SCHEDULES
A8000	SIGNAGE & WAYFINDING DETAILS - BASEMENT LOCATION PLAN
A8010	SIGNAGE & WAYFINDING DETAILS - LEVEL 1 NORTH LOCATION PLAN
A8011	SIGNAGE & WAYFINDING DETAILS - LEVEL 1 SOUTH LOCATION PLAN
A8020	SIGNAGE & WAYFINDING DETAILS - LEVEL 2 LOCATION PLAN
A8100	SIGNAGE & WAYFINDING DETAILS - MESSAGE SCHEDULE
A8101	SIGNAGE & WAYFINDING DETAILS - MESSAGE SCHEDULE
A8102	SIGNAGE & WAYFINDING DETAILS - MESSAGE SCHEDULE
A8103	SIGNAGE & WAYFINDING DETAILS - MESSAGE SCHEDULE

Firm Name: IBI GROUP CERTIFICATE OF PRAC		A) INC.			VISION & EMS STATIO	ON NO.26	ITEM	Ontario's 2012 Building Data Matrix Part 3 or 9	Code			OBC REFEREN References are to Divisio (A) for Division A or (C) for
100-175 Galaxy Boulevar Toronto, ON M9W OC9 T 416 679 1930 F 416 67	I			ACCESSIBILITY Location 4331 LAWARENCE A SCARBOROUGH TO			18b. REQUIRED FIRE RESISTANCE RATING	2	LISTED DESIGN NO. OR DESCRIPTION (SB-2)		SB-2 TABLE 2	
ITEM	Ontario's	2012 Building Code ix Part 3 or 9		OBC	REFERENCE are to Division B unless noted on A or (C) for Division C	REMARKS	(FRR)	FLOORS <u>NO CHANGE</u>				2.1.1.
1. PROJECT DESCRIPT		⊠ PART 11		PART 3	D PART 9			ROOF <u>NO CHANGE</u> MEZZANINE			 SB-2 TABLE 2	211
	GE OF USE Alteration	11.1 to 11.4		1.1.2. [A]	1.1.2. [A] & 9.10.1.3.							
2. MAJOR OCCUPANCY		L EDIUM HAZARD INDUSTRIA	AL OCCUPANCY	3.1.2.1. (1)	9.10.2.		19. SPATIAL SEPARATIO	N - CONSTRUCTION OF EXTERIOR W	ALLS		3.2.3.	9.10.1
SUBSIDIARY OCCUP	NCY(S) GROUP D - BI	SINESS AND PERSONAL SI	ERVICE OCCUPANCY			EXISTING NO CHANGE	EBF (m ²) NORTH	LD L/H OR PERMITTED MAX. (M) H/L % OF OPENINGS	PROPOSED % OF OPENINGS (HOURS) - 0	LISTED DESIGN OR DESCRIPTION		B. CONST. NON- - CLADDING CONS -
3. BUILDING AREA (m ²)	EXISTING - 2544.0	EXIS	TING NO CHANGE	1.4.1.2. [A]	1.4.1.2. [A]		SOUTH EAST		- 0 - 0	-	-	-
4. GROSS AREA (m ²)	EXISTING - 4791.3	EXIS	TING NO CHANGE	1.4.1.2. [A]	1.4.1.2. [A]	EXISTING NO CHANGE	20. PLUMBING FIXTURE		- 0	-	-	-
5. NUMBER OF STOREY	S ABOVE GRAD	E - 2 BELOW GRADE	- <u>1 PARTIAL</u>	1.4.1.2. [A] & 3.2.1.1.	1.4.1.2. [A] & 9.10.4.							
6. NUMBER OF STREET	S/FIRE FIGHTER ACCE	55 - 1 <u>EXIS</u>	TING NO CHANGE	3.2.2.10. & 3.2.5.	9.10.20.		MALE / FEMALE COU	•	EXISTING NO CHANGE			
7. BUILDING CLASSIFIC	ATION - EXISTING	NO CHANGE		3.2.2.67.	9.10.2.		EXCEPT AS NOTED (DTHERWISE	OCCUPANT LOAD	OBC TABLE NUN	IBER FIXTURE REQUIR	
8. SPRINKLER SYSTEM		FIRE BUILDING		3.2.2.67	9.10.8.2	EXISTING NO CHANGE		·	X MALE	3.7.4.9.	X	×
	□ SE	ECTED COMPARTMENTS	EXISTING NO CHANGE	3.2.1.5					X FEMALE	3.7.4.9.	Х	X
		ECTED FLOOR AREAS		3.2.2.17			21. EXITS/ ACCESS TO E	XIT-				I
		SEMENT	□ IN LIEU OF ROOF RATING	INDEX	INDEX							
9. STANDPIPE REQUIRE			EXISTING NO CHANGE	3.2.9.	N/A	EXISTING NO CHANGE						
							22. OTHER (DESCRIBE)	-				
10. FIRE ALARM REQUIR FIRE ALARM PROVID		-	EXISTING NO CHANGE	3.2.4.	9.10.18.	EXISTING NO CHANGE		Ontario Building Code Data Matrix	- Part 11 - Renovation of Exis	tina Buildina		OBC RE
11. WATER SERVICE/SU	PLY 🛛 YE	S 🗆 NO		3.2.5.7.	N/A	EXISTING NO CHANGE	11.1 EXISTING BUILDI					11.2.1.
12. HIGH BUILDING		S 🛛 NO		3.2.6.	N/A		CLASSIFICATION					TABLE 11.2
13. CONSTRUCTION RES		BUSTIBLE INON-COMBI	USTIBLE 🛛 BOTH	3.2.2.67.	9.10.6.	EXISTING NO CHANGE		HAZARD INDEX:				TABLE 11.2
ACTUAL CONSTRUC		BUSTIBLE IN NON-COMBI	JSTIBLE 🗆 BOTH				11.2 ALTERATION TO		BLE (NO CHANGE OF MAJOR			TON
							BUILDING IS:	EXISTING BASIC RENOVATIO				11.3.3.1. 11.3.3.2.
14. MEZZANINE (S) AREA		2001	<u>N/A</u>	3.2.1.1. (3) - (8)	9.10.4.1.		11.3 REDUCTION IN					
15. OCCUPANT LOAD BA	SED ON 🛛 m²/PE	RSUN	☑ DESIGN OF BUILDING	3.1.17.	4.9.13.	EXISTING NO CHANGE	PERFORMANCE L	EVEL: STRUCTURAL: BY INCREASE IN O		⊠ NC ⊠ NC		11.4.2. 11.4.2.1.
1ST FLOOR:	OCCUPANCY							BY CHANGE OF MA		⊠ NC ⊠ NC		11.4.2.2.
2ND FLOOR:	-							PLUMBING:		⊠ NC		11.4.2.3.
2ND FLOOR: MEZZANINE FLOOR	OCCUPANCY _ OCCUPANCY		_ LOAD PERSONS _ LOAD PERSONS					SEWAGE SYSTEM:		⊠ NC) 🗆 YES	
	OCCOPANCE_		LUAD PERSUNS				11.4 COMPENSATING CONSTRUCTION:	STRUCTURAL:		🛛 NC	, 🗆 YES (EX	(PLAIN) 11.4.3 (PLAIN) 11.4.3.2
16. BARRIER FREE DESI	GN 🛛 YE	S 🗆 NO (EXPLAIN)		3.8.	9.5.2.	ONLY PROPOSED AREA OF WORK - COMPLIANT WITH CITY OF TORONTO		BY INCREASE IN O	CCUPANT LOAD:	⊠ NC	🗆 YES (EX	XPLAIN) 11.4.3.3
						ACCESSIBILITY DESIGN GUIDELINE DRAFT 2016 WHEN POSSIBLE		BY CHANGE OF MA	JOR OCCUPANCY:	🛛 NC	□ YES (EX	XPLAIN) 11.4.3.4
17. HAZARDOUS SUBST		S 🖾 NO		3.3.1.2 & 3.3.1.19	9.10.1.3.(4)			PLUMBING:		🛛 NC) 🗌 YES (EX	XPLAIN) 11.4.3.5
	HORIZONTAL ASS	MBLIES LISTED DESI OR DESCRIP		3.2.2.67. & 3.2.1.4.	9.10.8. 9.10.9.							
18a. REQUIRED FIRE	FRR (HOURS)		v = 7					SEWAGE SYSTEM:		🛛 NC	🗸 🗌 🗌 YES (EX	XPLAIN) 11.4.3.6
18a. REQUIRED FIRE RESISTANCE RATING	FRR (HOURS) FLOORS <u>NO CH</u>	NGE										
	. ,						11.5 COMPLIANCE ALTERNATIVES	⊠ NO □ YES (GIVE NUM				11.5.1

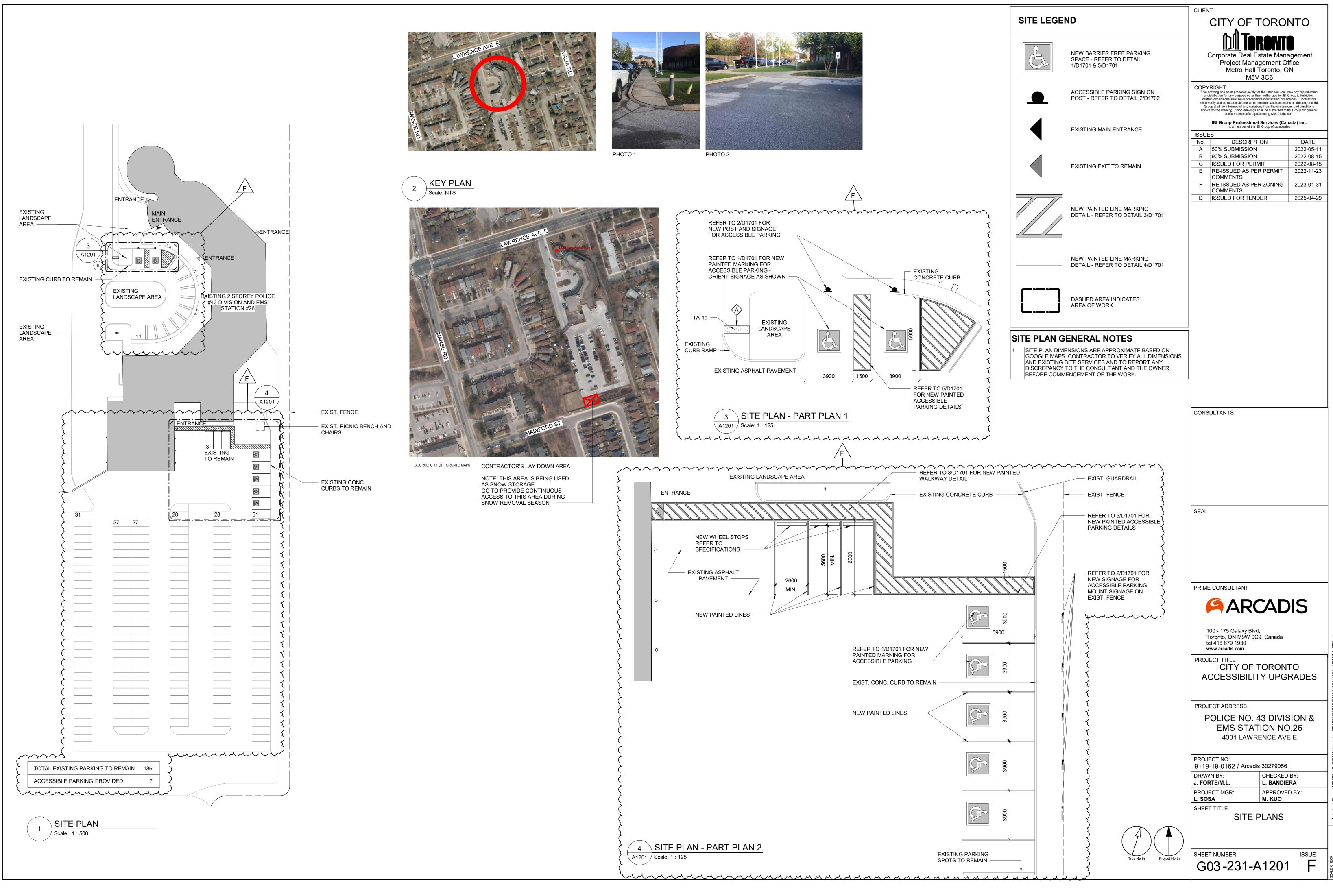
MECHANICAL DRAWING INDEX

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

ELECTRICAL DRAWING INDEX

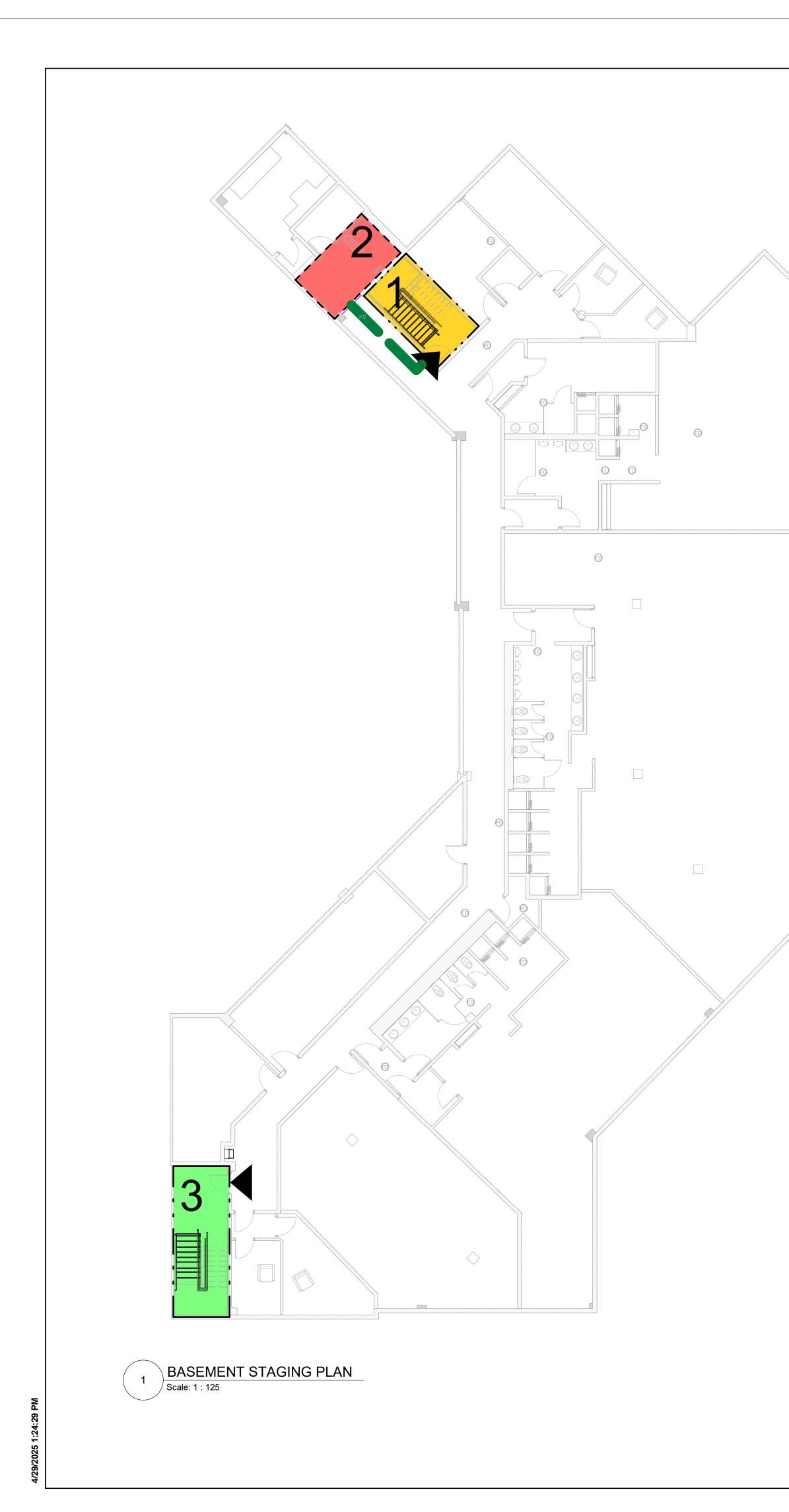
SHEET NUMBER	SHEET NAME
E0000	DRAWING LIST
E1100	ELECTRICAL DEMOLITION PLAN BASEMENT
E1101	ELECTRICAL DEMOLITION PLAN 1ST FLOOR
E1102	ELECTRICAL DEMOLITION PLAN 2ND FLOOR
E2100	POWER & SYSTEMS PLAN BASEMENT
E2101	POWER & SYSTEMS PLAN 1ST FLOOR
E2102	POWER & SYSTEMS PLAN 2ND FLOOR

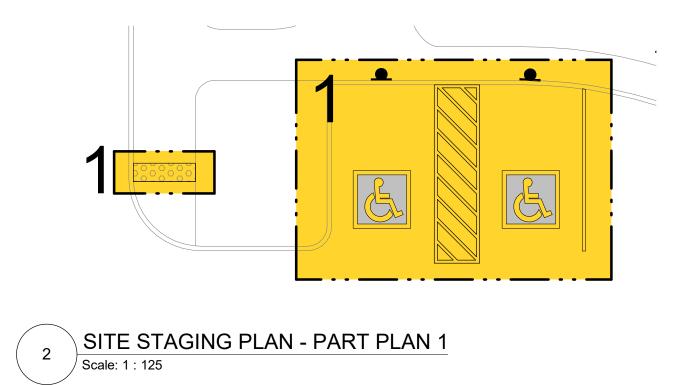
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										Real Estate	Manage	ement
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2 TABLE 2.1.1.												
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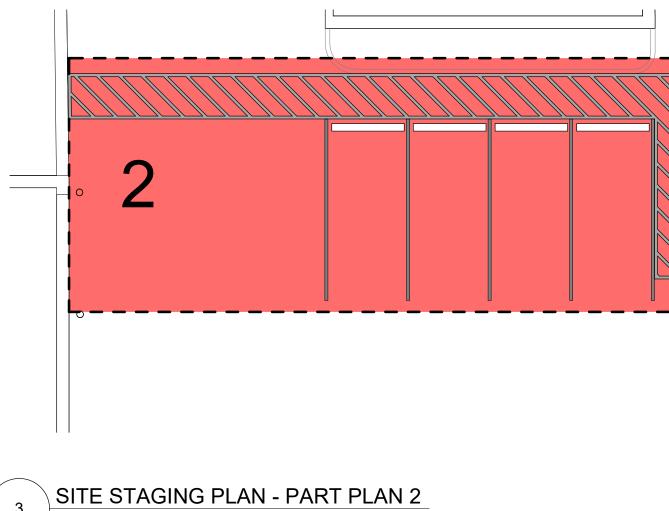






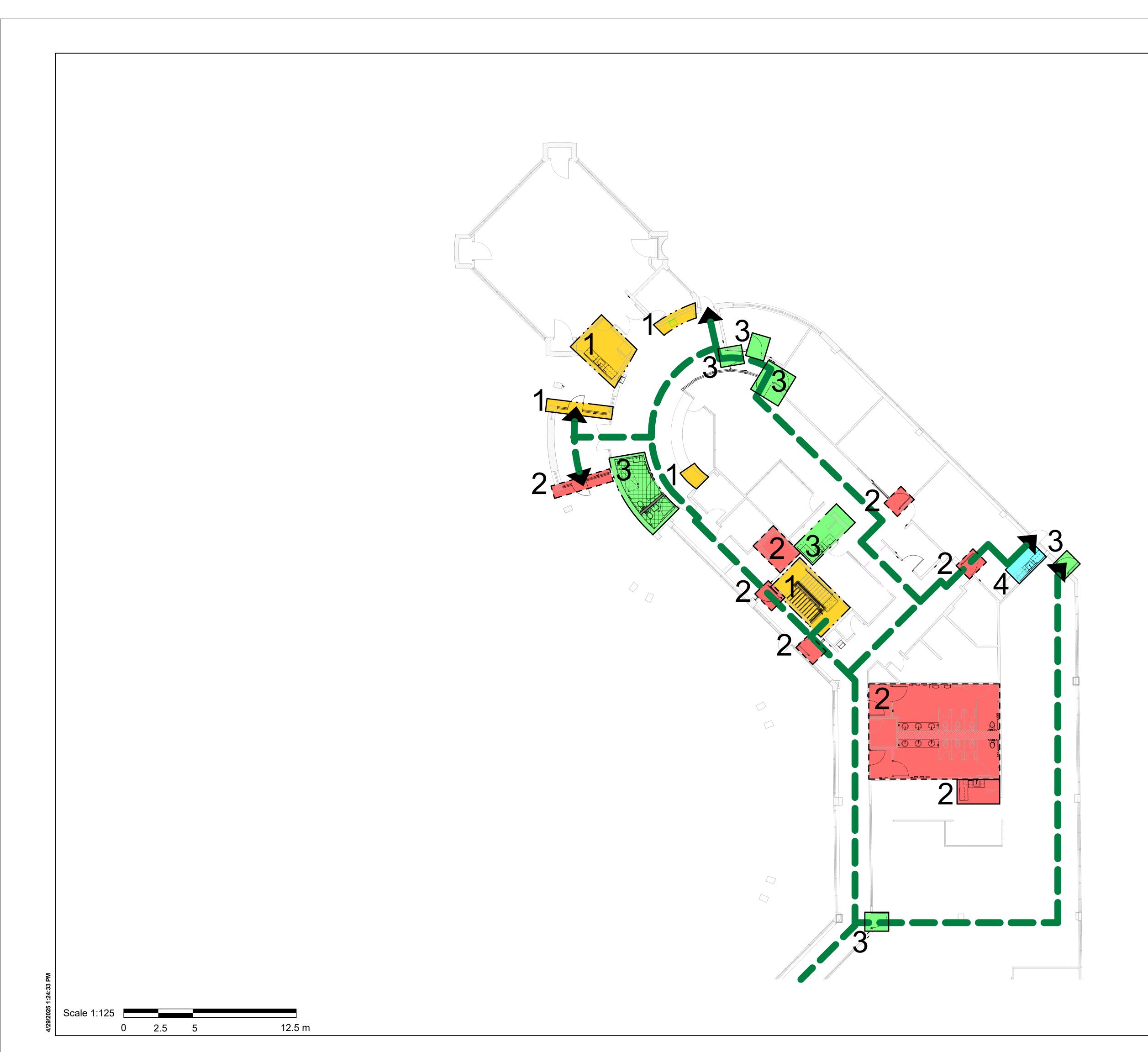






3 SITE STAGING PLAN - PART PLAN 2 Scale: 1 : 125

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	TRAVEL PATH	
ST	AGING GENERAL NOTES	
1	EXISTING FACILITY WILL REMAIN OPERATIONAL DURING CONSTRUCTION. CONSTRUCTION WORK CANNOT IMPACT FACILITY OPERATION WITHOUT FIRST NOTIFYING AND CONSULTING WITH THE OWNER.	
2 3	ALL STAGES ARE TO BE COMPLETED IN SEQUENTIAL ORDER. IF AN EXISTING EXIT WILL BE BLOCKED DUE TO CONSTRUCTION THE GC IS TO PROVIDE A TEMPORARY EXIT BASED ON THE ARCHITECTS APPROVED DESIGN AND LOCATION. SHOULD THE WORK BE ABLE TO BE COMPLETED OVER THE COURSE OF A WEEKEND OR AFTER HOURS THE GC IS TO OBTAIN APPROVAL FROM THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.	
4	IF EXISTING FIRE ALARM SYSTEM NEEDS TO BE TEMPORARILY INTERRUPTED TO COMPLETE THE WORK, A FULL TIME FIRE WATCH SHALL BE PROVIDED. CONTRACTOR SHALL ALLOW FOR THE FOLLOWING:	
6	A) TEMPORARY SIGNAGE B) TEMPORARY ACCESS WITH ACCESSIBLE RAMPS AS REQUIRED BY ONTARIO REGULATION 191/11 80.13. ALL STAGING INCLUDES BOTH DEMOLITION AND NEW SCOPE OF WORK.	
7	PROVIDE AND MODIFY CONSTRUCTION BARRIER/SIGNAGE ETC. TO SUIT SITE CONDITION AND CONSTRUCTION SEQUENCE.	
8	WORK LISTED IN STAGES IS FOR REFERENCE ONLY. EACH STAGE MUST BE COMPLETED AS PER CONTRACT DOCUMENTS BEFORE STARTING THE NEXT STAGE AND SHALL NOT AFFECT NORMAL OPERATION OR EXITING OF THE FACILITY.	CONSULTANTS
9 10	FOR ALL OTHER REQUIREMENTS - REFER TO SPECIFICATIONS. KEEP EXITS CLEAR FROM OBSTRUCTIONS DURING CONSTRUCTION.	
	CONSTRUCTION.	
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		PROJECT NO: 9119-19-0162 / Arcadis 30279056
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		SHEET TITLE BASEMENT AND SITE STAGING AND EXITING
	True North Project North	PLAN SHEET NUMBER ISSUE
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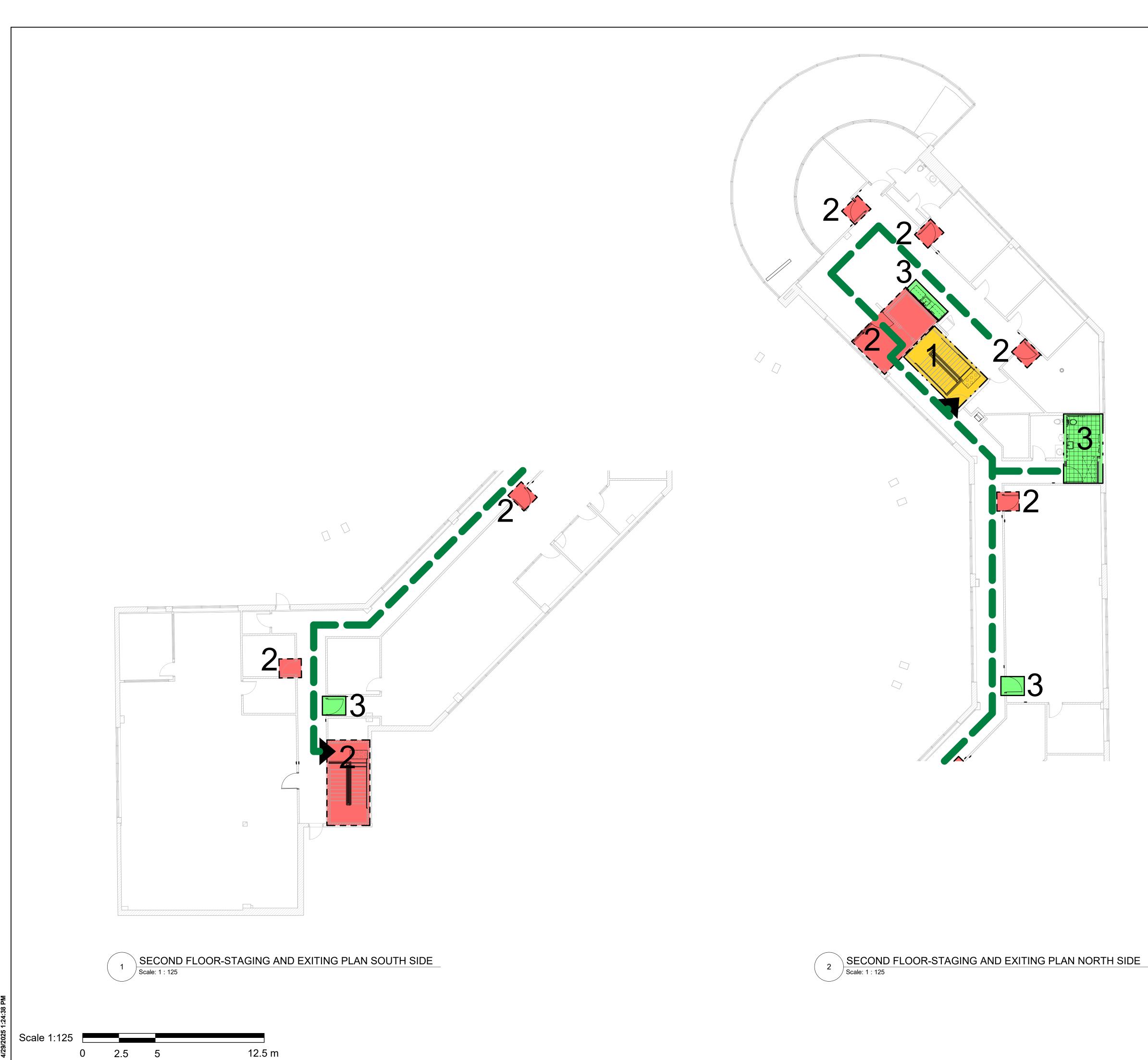


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EMERGENCY EXIT	B 90% SUBMISSION 2022-08-15 C ISSUED FOR PERMIT 2022-08-15 D ISSUED FOR TENDER 2025-04-29
TRAVEL PATH	
STAGING GENERAL NOTES 1 EXISTING FACILITY WILL REMAIN OPERATIONAL DURING CONSTRUCTION. CONSTRUCTION WORK CANNOT IMPACT	
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LOCATION. SHOULD THE WORK BE ABLE TO BE COMPLETED OVER THE COURSE OF A WEEKEND OR AFTER HOURS THE GC IS TO OBTAIN APPROVAL FROM THE ARCHITECT PRIOR	KEYPLAN
TO PROCEEDING WITH THE WORK. 4 IF EXISTING FIRE ALARM SYSTEM NEEDS TO BE TEMPORARILY INTERRUPTED TO COMPLETE THE WORK, A	
FULL TIME FIRE WATCH SHALL BE PROVIDED. 5 CONTRACTOR SHALL ALLOW FOR THE FOLLOWING: A) TEMPORARY SIGNAGE	
 B) TEMPORARY ACCESS WITH ACCESSIBLE RAMPS AS REQUIRED BY ONTARIO REGULATION 191/11 80.13. 6 ALL STAGING INCLUDES BOTH DEMOLITION AND NEW SCOPE 	
OF WORK. 7 PROVIDE AND MODIFY CONSTRUCTION BARRIER/SIGNAGE ETC. TO SUIT SITE CONDITION AND CONSTRUCTION	
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 9 FOR ALL OTHER REQUIREMENTS - REFER TO SPECIFICATIONS. 10 KEEP EXITS CLEAR FROM OBSTRUCTIONS DURING CONSTRUCTION. 	
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	DRAWN BY: CHECKED BY: J. FORTE L. BANDIERA
	PROJECT MGR:APPROVED BY:L. SOSAM. KUOSHEET TITLE
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STAGE 4	IBI Group Professional Services (Canada) Inc. is a member of the IBI Group of companies ISSUES No. DESCRIPTION
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TRAVEL PATH	D ISSUED FOR TENDER 2025-04-29
STAGING GENERAL NOTES 1 EXISTING FACILITY WILL REMAIN OPERATIONAL DURING	
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A) TEMPORARY SIGNAGE B) TEMPORARY ACCESS WITH ACCESSIBLE RAMPS AS REQUIRED BY ONTARIO REGULATION 191/11 80.13.	
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 9 FOR ALL OTHER REQUIREMENTS - REFER TO SPECIFICATIONS. 10 KEEP EXITS CLEAR FROM OBSTRUCTIONS DURING 	
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	DRAWN BY: CHECKED BY: J. FORTE L. BANDIERA
	PROJECT MGR: APPROVED BY: L. SOSA M. KUO
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	AND EXITING PLAN SOUTH
	SUOTH SHEET NUMBER ISSUE
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	TRAVEL PATH	D ISSUED FOR TENDER 2025-04-29
SI	AGING GENERAL NOTES	
1	EXISTING FACILITY WILL REMAIN OPERATIONAL DURING CONSTRUCTION. CONSTRUCTION WORK CANNOT IMPACT FACILITY OPERATION WITHOUT FIRST NOTIFYING AND	
2	CONSULTING WITH THE OWNER. ALL STAGES ARE TO BE COMPLETED IN SEQUENTIAL ORDER.	
3	IF AN EXISTING EXIT WILL BE BLOCKED DUE TO CONSTRUCTION THE GC IS TO PROVIDE A TEMPORARY EXIT	
	BASED ON THE ARCHITECTS APPROVED DESIGN AND LOCATION. SHOULD THE WORK BE ABLE TO BE COMPLETED	KEYPLAN
	OVER THE COURSE OF A WEEKEND OR AFTER HOURS THE GC IS TO OBTAIN APPROVAL FROM THE ARCHITECT PRIOR	
4	TO PROCEEDING WITH THE WORK. IF EXISTING FIRE ALARM SYSTEM NEEDS TO BE	
	TEMPORARILY INTERRUPTED TO COMPLETE THE WORK, A FULL TIME FIRE WATCH SHALL BE PROVIDED.	
5	CONTRACTOR SHALL ALLOW FOR THE FOLLOWING: A) TEMPORARY SIGNAGE B) TEMPORARY ACCESS WITH ACCESSIBLE RAMPS AS	
6	REQUIRED BY ONTARIO REGULATION 191/11 80.13.	
6 7	ALL STAGING INCLUDES BOTH DEMOLITION AND NEW SCOPE OF WORK. PROVIDE AND MODIFY CONSTRUCTION BARRIER/SIGNAGE	
,	ETC. TO SUIT SITE CONDITION AND CONSTRUCTION SEQUENCE.	
8	WORK LISTED IN STAGES IS FOR REFERENCE ONLY. EACH STAGE MUST BE COMPLETED AS PER CONTRACT	
	DOCUMENTS BEFORE STARTING THE NEXT STAGE AND SHALL NOT AFFECT NORMAL OPERATION OR EXITING OF	
9	THE FACILITY. FOR ALL OTHER REQUIREMENTS - REFER TO	
10	SPECIFICATIONS. KEEP EXITS CLEAR FROM OBSTRUCTIONS DURING	
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		EMS STATION NO.26 4331 LAWRENCE AVE E
		PROJECT NO: 9119-19-0162 / Arcadis 30279056
		DRAWN BY: CHECKED BY:
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		L. SOSA M. KUO
		SECOND FLOOR
		STAGING AND EXITING
		PLANS
	True North Project North	SHEET NUMBER ISSUE
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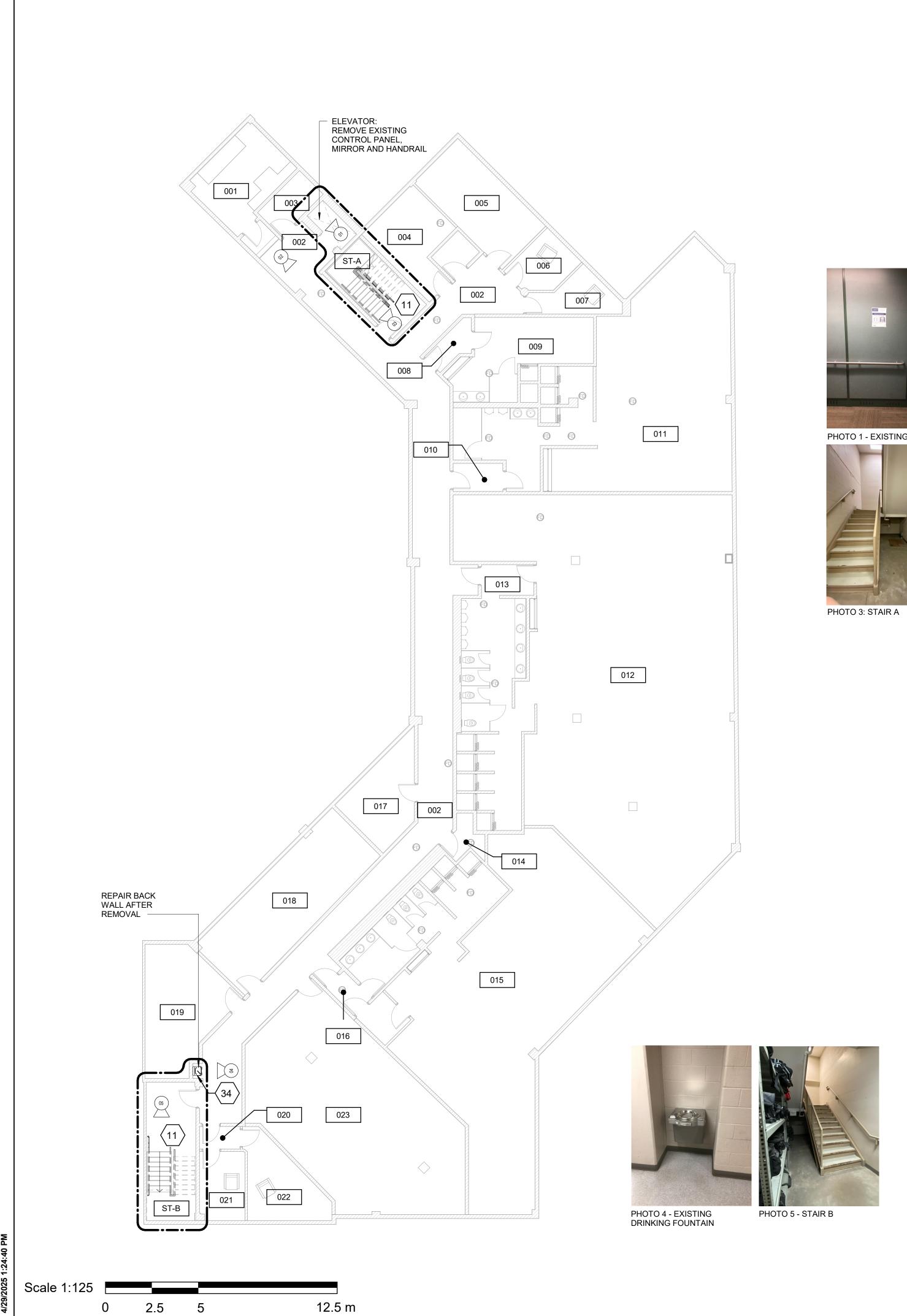


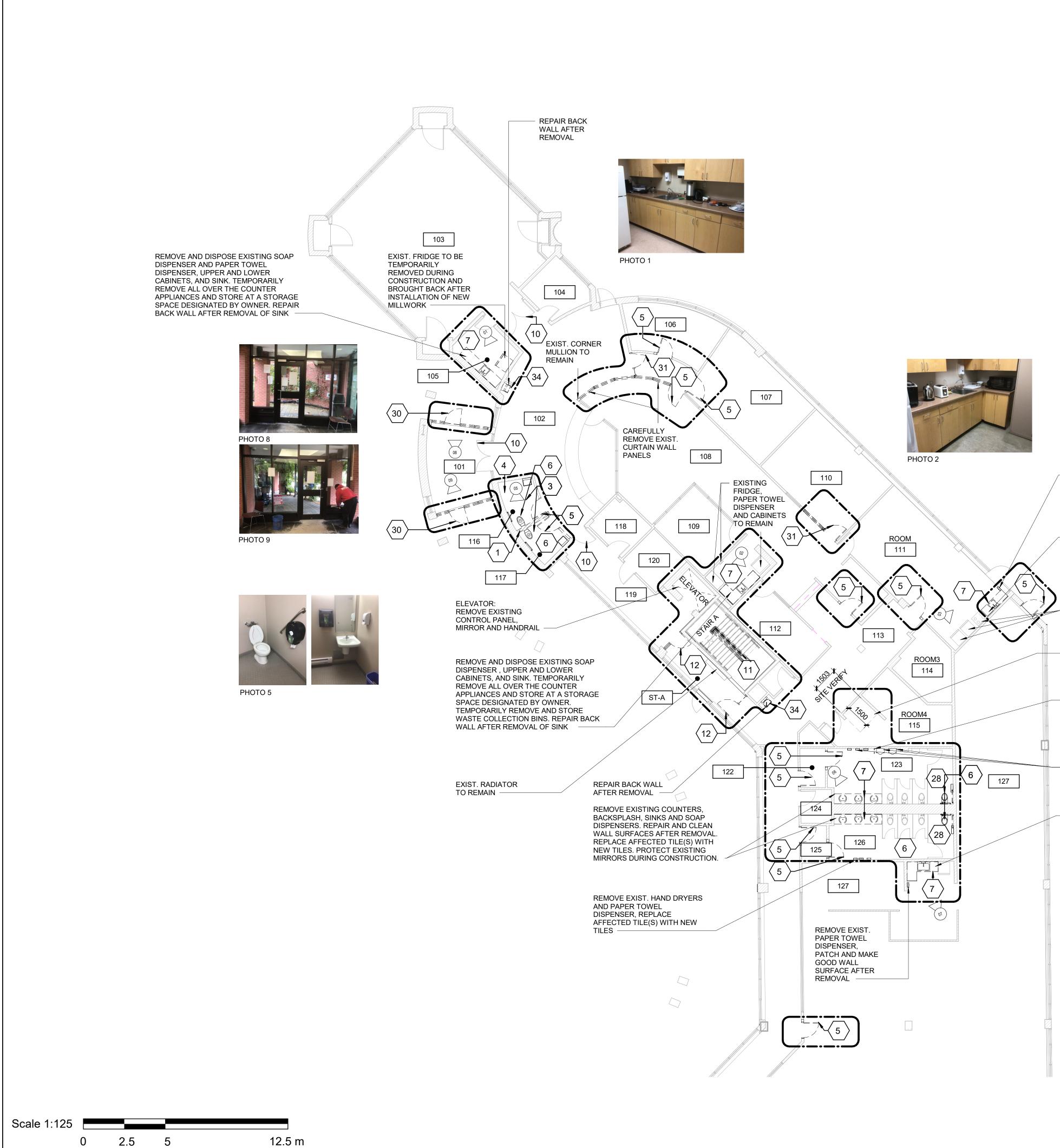






PHOTO 1 - EXISTING ELEVATOR OF TEMPORARY WAITING AREA

DEMOLITIC		
	ON KEY LEGEND	
	EXISTING TO BE DEMOLISHED	TORONTO
	EXISTING INTERIOR PARTITION TO BE DEMOLISHED	Corporate Real Estate Management Project Management Office
7//////////////////////////////////////	EXISTING EXTERIOR WALL	Metro Hall Toronto, ON M5V 3C6
	TO REMAIN EXISTING PARTITION TO REMAIN	COPYRIGHT This drawing has been prepared solely for the intended use, thus any reproduction or distribution for any purpose other than authorized by IBI Group is forbidden. Written dimensions shall have precedence over scaled dimensions. Contractors
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	EXISTING DOOR, FRAME, AND ASSOCIATED HARDWARE TO BE REMOVED	IBI Group Professional Services (Canada) Inc. is a member of the IBI Group of companies
Ì		ISSUES No. DESCRIPTION DATE
	EXISTING DOOR TO REMAIN	A 50% SUBMISSION 2022-05-11 B 90% SUBMISSION 2022-08-15
		CISSUED FOR PERMIT2022-08-15DISSUED FOR TENDER2025-04-29
	DASHED AREA INDICATES AREA OF WORK	
	GENERAL NOTES	
(WALKING ATTI STRIP, NOSING INCLUDING AD MAKE GOOD SI INDICATORS IN EXTENT OF EX	XISTING TACTILE SURFACE INDICATORS ENTION INDICATOR, TEXTURAL WARNING STRIP AND HAZARD STRIP ON HANDRAIL) HESIVE MATERIAL AND FASTENING SYSTEM. JRFACE TO RECEIVE NEW TACTILE SURFACE I LOCATIONS SHOWN. INCREASE DEPTH AND ISTING FLOOR DEPRESSIONS AND/OR CUT & FLOOR FINISH AS APPLICABLE TO SUIT THE TION.	
	KEY NOTES	
)	DESCRIPTION	
POST BASE. RE	ING GUARDRAIL, HANDRAIL AND/OR HANDRAI EPAIR AND MAKE GOOD ALL SURFACES. ING DRINKING FOUNTAIN TO ACCOMMODATE	
NEW WATER F	UUNTAIN.	
		CONSULTANTS
		CONSULTANTS
		SEAL
		SEAL PRIME CONSULTANT FOR FOR FOR FOR FOR FOR FOR FOR FOR FOR
		SEAL PRIME CONSULTANT PRIME CONSULTANT PRIME CONSULTANT PROSECONSULTANT 100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com PROJECT TITLE CITY OF TORONTO
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		SEAL PRIME CONSULTANT PRIME CONSULTANT PROJECT NDL PROJECT ADDRESS PROJECT ADDRESS PROJECT ADDRESS PROJECT NDL PROJECT NDL PROJECT NDL PROJECT NDL PROJECT NDL PROJECT NDL CHECKED BY: L. BANDIERA
		SEAL PRIME CONSULTANT PRIME CONSULTANT PROJECT NO: 100-175 Galaxy Bud, Taronto, ON MOW OCG, Canada Toroto, ON MOW OCG, Canada 1419 679 1930 www.arcadb.com PROJECT TILE CITY OF TORONTO ACCESSIBILITY UPGRADES PROJECT ADDRESS POLICE NO. 43 DIVISION & EMS STATION NO.26 4331 LAWRENCE AVE E PROJECT NO: 9119-19-0162 / Arcadis 30279056 DRAWN BY: CHECKED BY: J. FORTE/MLL L. BANDIERA PROJECT MGR: APPROVED BY: L. SOSA M. KUO





REMOVE EXISTING PAPER TOWEL DISPENSER, PATCH AND MAKE GOOD WALL SURFACE AFTER REMOVAL

REMOVE AND DISPOSE EXISTING SOAP DISPENSER, UPPER AND LOWER CABINETS, AND SINK. TEMPORARILY REMOVE ALL OVER THE COUNTER APPLIANCES AND STORE AT A STORAGE SPACE DESIGNATED BY OWNER. REPAIR BACK WALL AFTER REMOVAL OF SINK

EXISTING STOVE AND FRIDGES TO REMAIN

REMOVE PORTION OF EXISTING CEILING FOR WASHROOM 212 PIPE INSTALLATION

CAREFULLY REMOVE PARTITION AND RE-INSTALL AFTER INSTALLATION OF NEW URINAL AT NEW LOCATION, REFER TO A5013

REMOVE EXIST. HAND DRYERS PAPER TOWEL DISPENSER AND TWO URINAL, REPAIR WALL AND REPLACE AFFECTED TILE(S) WITH NEW

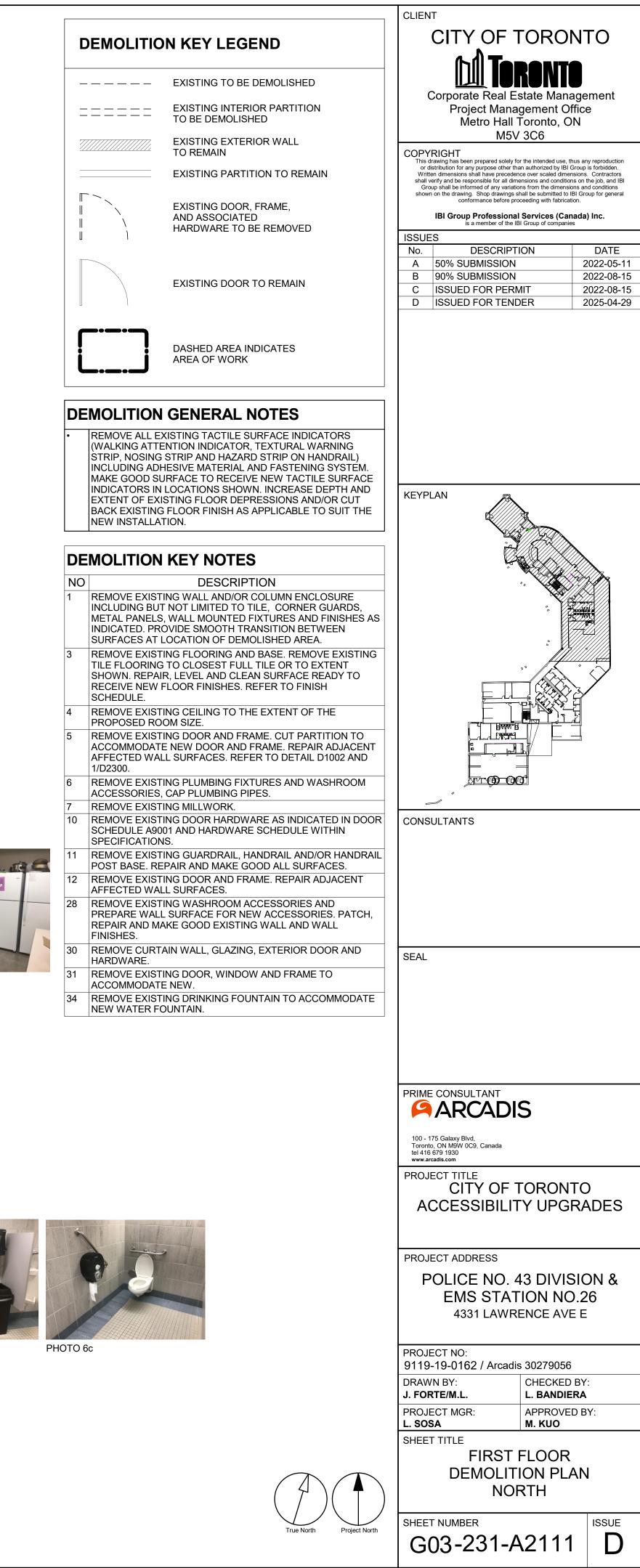
REMOVE AND DISPOSE EXISTING SOAP DISPENSER, UPPER AND LOWER CABINETS, AND SINK. TEMPORARILY REMOVE ALL OVER THE COUNTER APPLIANCES AND STORE AT A STORAGE SPACE DESIGNATED BY OWNER.REPAIR BACK WALL AFTER REMOVAL OF SINK

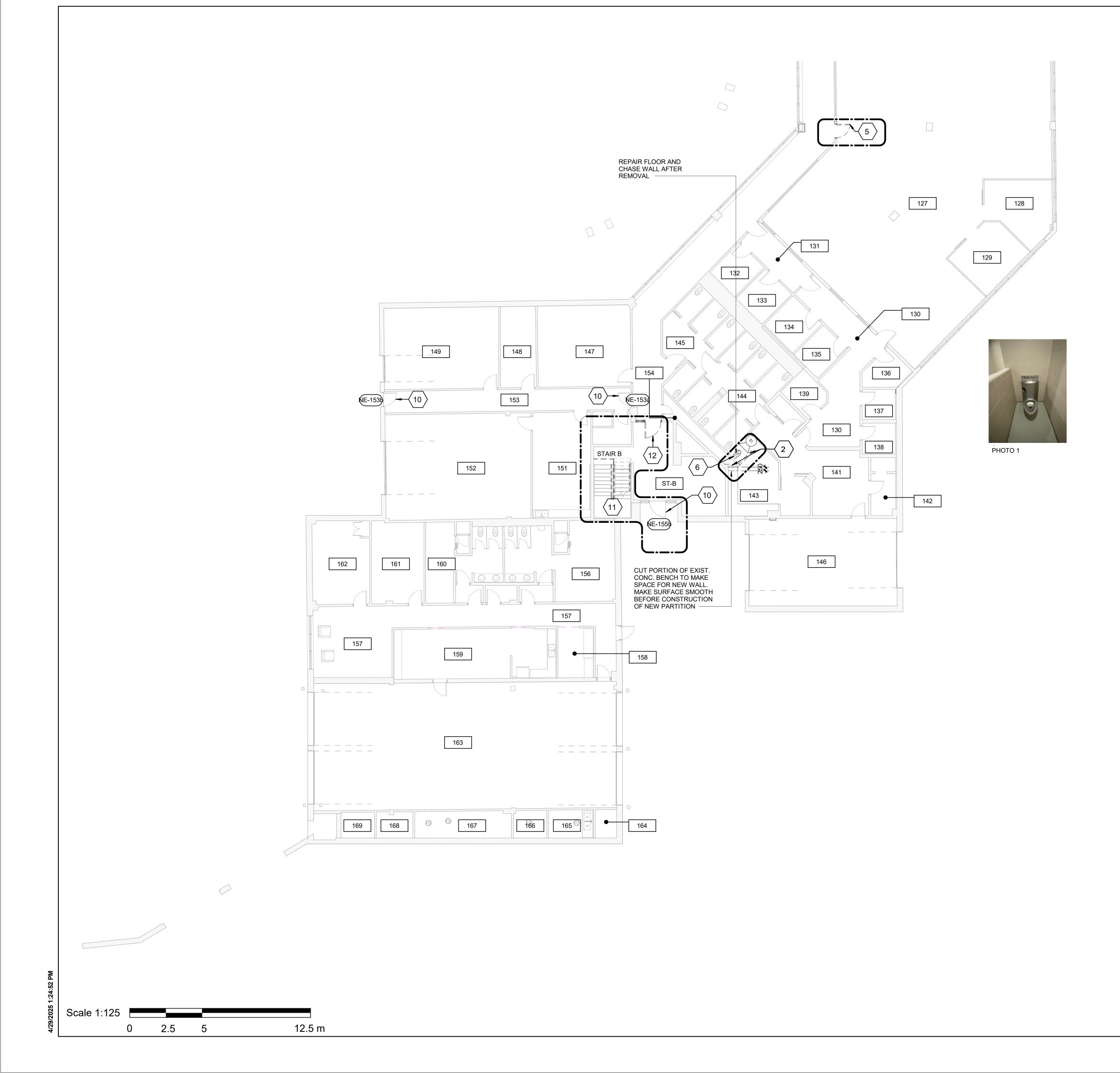




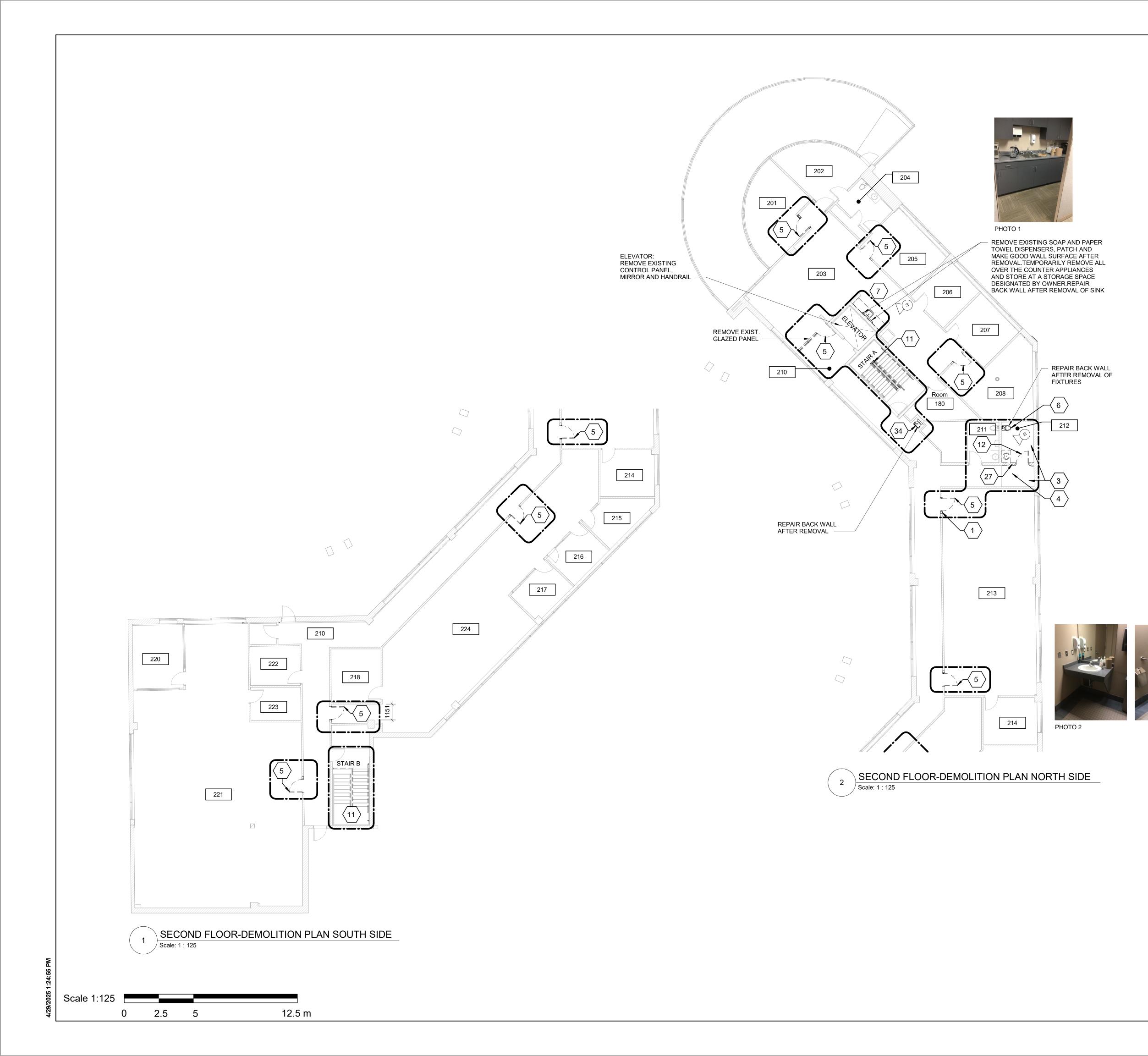
PHOTO 7





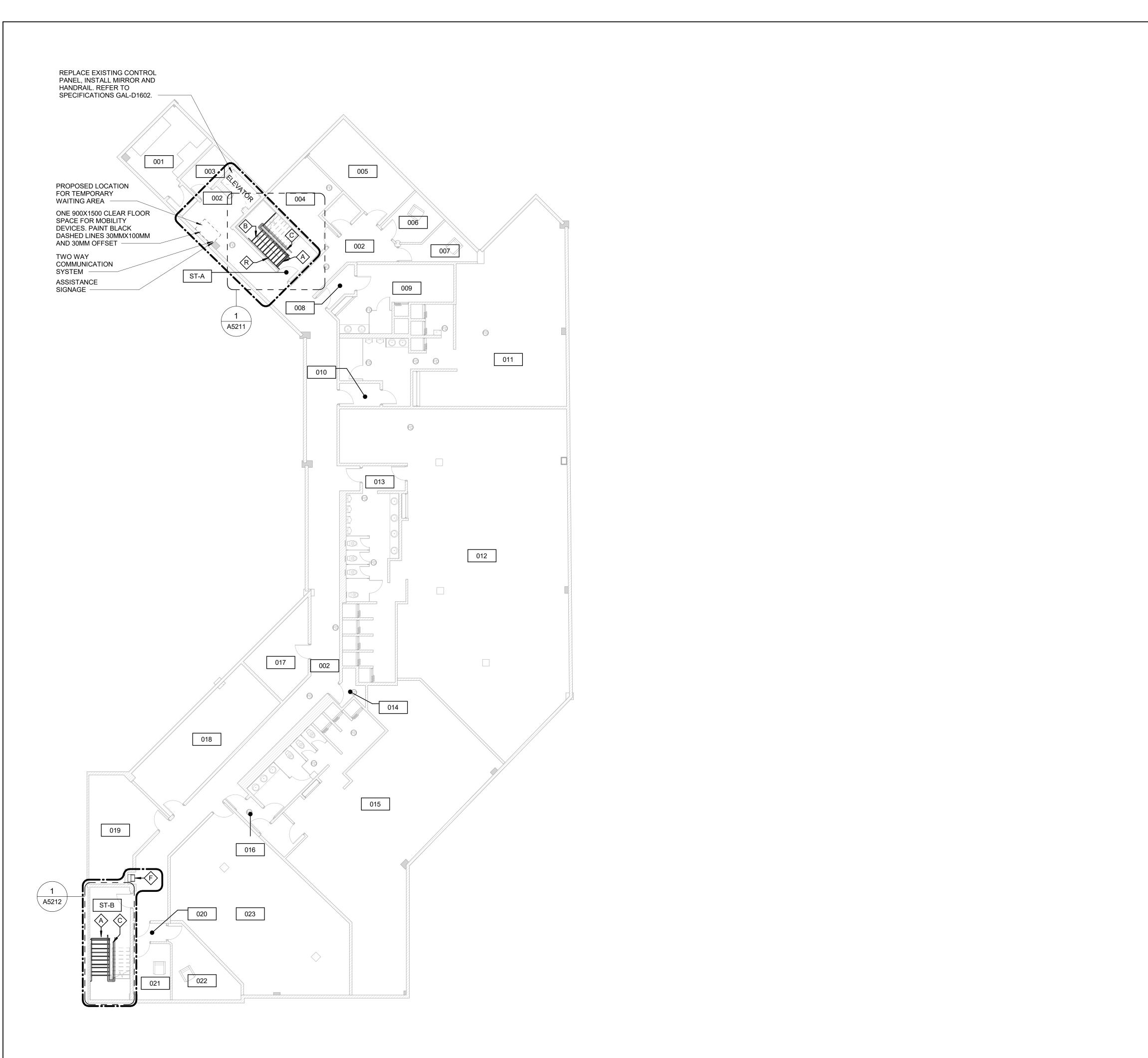


		CLIENT
DEMOLITIC	ON KEY LEGEND	
	EXISTING TO BE DEMOLISHED	IRENTS
======	EXISTING INTERIOR PARTITION TO BE DEMOLISHED	Corporate Real Estate Management Project Management Office Metro Hall Toronto, ON
	EXISTING EXTERIOR WALL TO REMAIN	M5V 3C6 COPYRIGHT
	EXISTING PARTITION TO REMAIN	This drawing has been prepared solely for the intended use, thus any reproduction or distribution for any purpose other than authorized by IBI Group is forbidden. Written dimensions shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job, and IBI
	EXISTING DOOR, FRAME,	Group shall be informed of any variations from the dimensions and conditions shown on the drawing. Shop drawings shall be submitted to IBI Group for general conformance before proceeding with fabrication.
	AND ASSOCIATED HARDWARE TO BE REMOVED	IBI Group Professional Services (Canada) Inc. is a member of the IBI Group of companies
	EXISTING DOOR TO REMAIN	No. DESCRIPTION DATE A 50% SUBMISSION 2022-05-11 B 90% SUBMISSION 2022-08-15 C ISSUED FOR PERMIT 2022-08-15 D ISSUED FOR TENDER 2025-04-29
	DASHED AREA INDICATES AREA OF WORK	
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DEMOLITION	KEY NOTES	
NO 2 REMOVE EXIST	DESCRIPTION ING CONC. BLOCK WALL PATCH AND REPAIR	
CEILINGS AS R	RFACES AT FLOOR, WALLS, COLUMNS AND EQUIRED. ING DOOR AND FRAME. CUT PARTITION TO	
ACCOMMODAT	E NEW DOOR AND FRAME. REPAIR ADJACEN LL SURFACES. REFER TO DETAIL D1002 AND	
ACCESSORIES	ING PLUMBING FIXTURES AND WASHROOM , CAP PLUMBING PIPES.	
SCHEDULE A90 SPECIFICATION		
POST BASE. RE	ING GUARDRAIL, HANDRAIL AND/OR HANDRA PAIR AND MAKE GOOD ALL SURFACES. ING DOOR AND FRAME. REPAIR ADJACENT	
AFFECTED WA		
		CONSULTANTS
		SEAL
		100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada
		tel 416 679 1930 www.arcadis.com
		CITY OF TORONTO ACCESSIBILITY UPGRADES
		PROJECT ADDRESS
		POLICE NO. 43 DIVISION & EMS STATION NO.26 4331 LAWRENCE AVE E
		PROJECT NO: 9119-19-0162 / Arcadis 30279056 DRAWN BY: CHECKED BY:
		J. FORTE/M.L.L. BANDIERAPROJECT MGR:APPROVED BY:L. SOSAM. KUO
		L. SOSA M. KUO SHEET TITLE
		FIRST FLOOR DEMOLITION PLAN
	$\begin{pmatrix} -\frac{1}{2} \end{pmatrix} \begin{pmatrix} -\frac{1}{2} \end{pmatrix}$) SOUTH
	True North Project Nor	боз-231-А2112 D



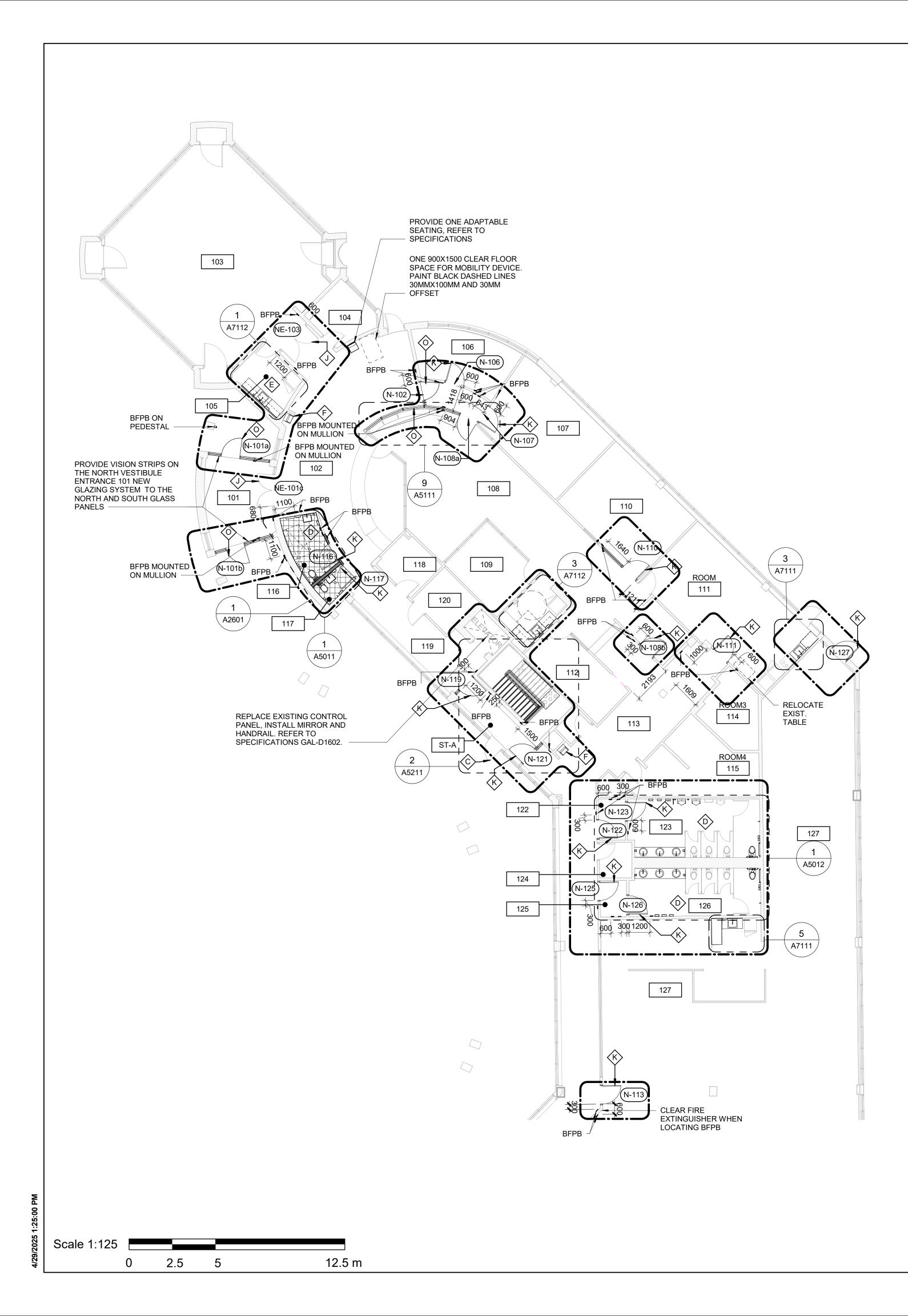
ſ		N KEY LEGEND		CLIENT CITY OF TORONTO
-		EXISTING TO BE DEMOLISHED		Corporate Real Estate Management
_		TO BE DEMOLISHED		Project Management Office Metro Hall Toronto, ON M5V 3C6
2		EXISTING EXTERIOR WALL TO REMAIN		COPYRIGHT This drawing has been prepared solely for the intended use, thus any reproduction or distribution for any purpose other than authorized by IBI Group is forbidden.
-		EXISTING PARTITION TO REMAIN		or distribution for any purpose other than authorized by IBI Group is forbidden. Written dimensions shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job, and IBI Group shall be informed of any variations from the dimensions and conditions shown on the drawing. Shop drawings shall be submitted to IBI Group for general
		EXISTING DOOR, FRAME, AND ASSOCIATED HARDWARE TO BE REMOVED		IBI Group Professional Services (Canada) Inc. is a member of the IBI Group of companies
		EXISTING DOOR TO REMAIN		No. DESCRIPTION DATE A 50% SUBMISSION 2022-05-11 B 90% SUBMISSION 2022-08-15 C ISSUED FOR PERMIT 2022-08-15 D ISSUED FOR TENDER 2025-04-29
[DASHED AREA INDICATES AREA OF WORK		
DE		GENERAL NOTES		
•	(WALKING ATTE STRIP, NOSING INCLUDING ADE MAKE GOOD SL INDICATORS IN EXTENT OF EXI	KISTING TACTILE SURFACE INDICATO ENTION INDICATOR, TEXTURAL WARN STRIP AND HAZARD STRIP ON HAND HESIVE MATERIAL AND FASTENING S' JRFACE TO RECEIVE NEW TACTILE SI LOCATIONS SHOWN. INCREASE DEP STING FLOOR DEPRESSIONS AND/OF FLOOR FINISH AS APPLICABLE TO S TION.	IING RAIL) YSTEM. URFACE TH AND ₹ CUT	KEYPLAN
DE	EMOLITION	KEY NOTES		
NC	REMOVE EXIST INCLUDING BUT METAL PANELS INDICATED. PRO	DESCRIPTION ING WALL AND/OR COLUMN ENCLOS NOT LIMITED TO TILE, CORNER GU/ , WALL MOUNTED FIXTURES AND FIN OVIDE SMOOTH TRANSITION BETWEE OCATION OF DEMOLISHED AREA.	ARDS, ISHES AS	
	TILE FLOORING SHOWN. REPAI	ING FLOORING AND BASE. REMOVE E TO CLOSEST FULL TILE OR TO EXTE R, LEVEL AND CLEAN SURFACE READ FLOOR FINISHES. REFER TO FINISH	NT	
		ING CEILING TO THE EXTENT OF THE OM SIZE.		
;	ACCOMMODAT	ING DOOR AND FRAME. CUT PARTITIC E NEW DOOR AND FRAME. REPAIR AL LL SURFACES. REFER TO DETAIL D10	JACENT	
6	1/D2300. REMOVE EXIST	ING PLUMBING FIXTURES AND WASH		
, 1	REMOVE EXIST	CAP PLUMBING PIPES. ING MILLWORK.		CONSULTANTS
1 2	POST BASE. RE	ING GUARDRAIL, HANDRAIL AND/OR I PAIR AND MAKE GOOD ALL SURFACE ING DOOR AND FRAME. REPAIR ADJA	S.	
7		L SURFACES. ING WALL TILE. REPAIR, LEVEL AND (DY TO RECEIVE NEW WALL TILE. REFI		
4	FINISH SCHEDU	ILE. ING DRINKING FOUNTAIN TO ACCOM		
				SEAL
5	0			
H				
				100 - 175 Galaxy Blvd,
				Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com
				PROJECT TITLE CITY OF TORONTO ACCESSIBILITY UPGRADES
				PROJECT ADDRESS
				POLICE NO. 43 DIVISION & EMS STATION NO.26 4331 LAWRENCE AVE E
				PROJECT NO: 9119-19-0162 / Arcadis 30279056 DRAWN BY: J. FORTE/M.L. CHECKED BY: L. BANDIERA
				PROJECT MGR: APPROVED BY: L. SOSA M. KUO
				SHEET TITLE SECOND FLOOR DEMOLITION PLANS
		True North	Project North	SHEET NUMBER ISSUE
				G03-231-A2121 D

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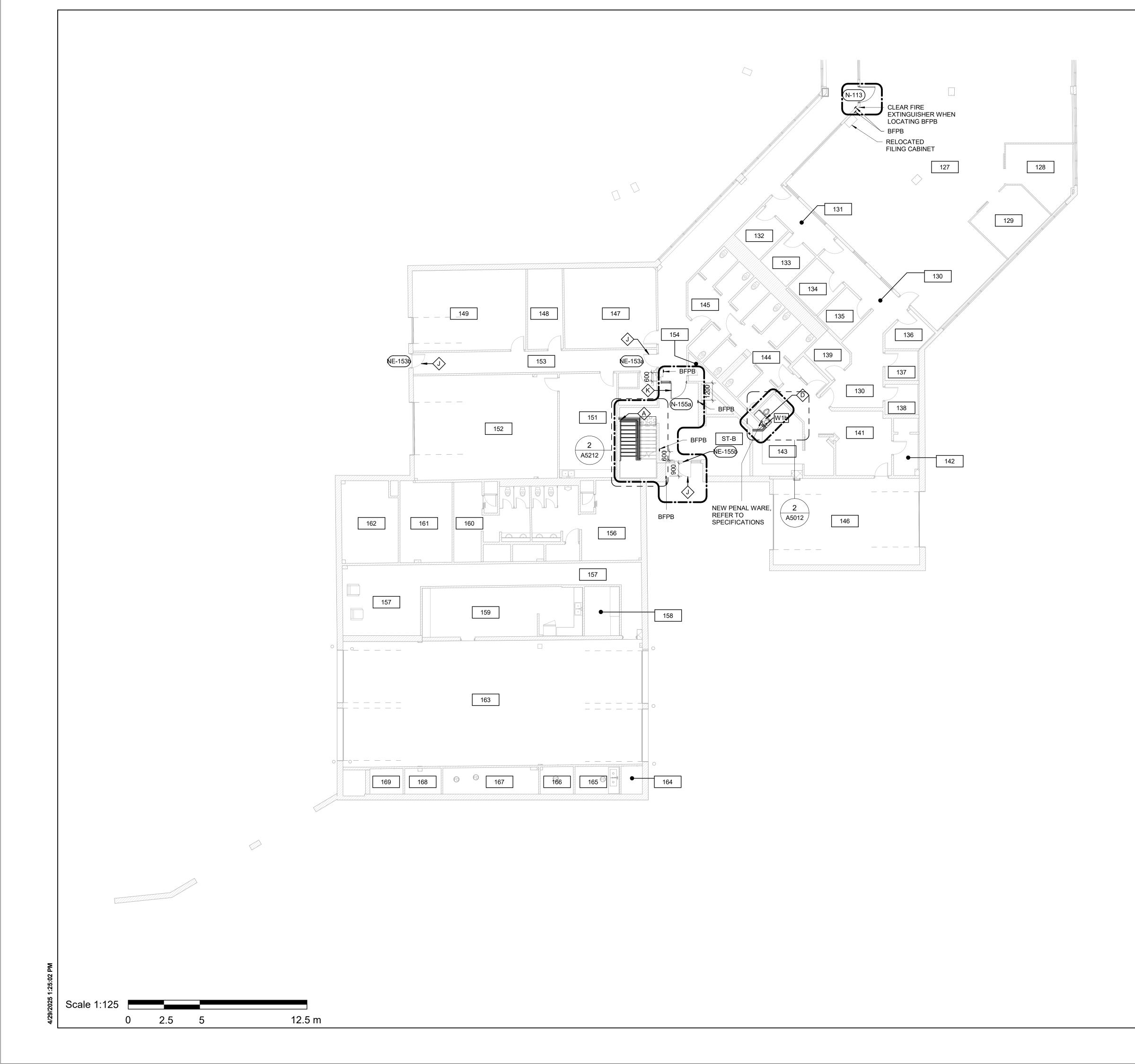


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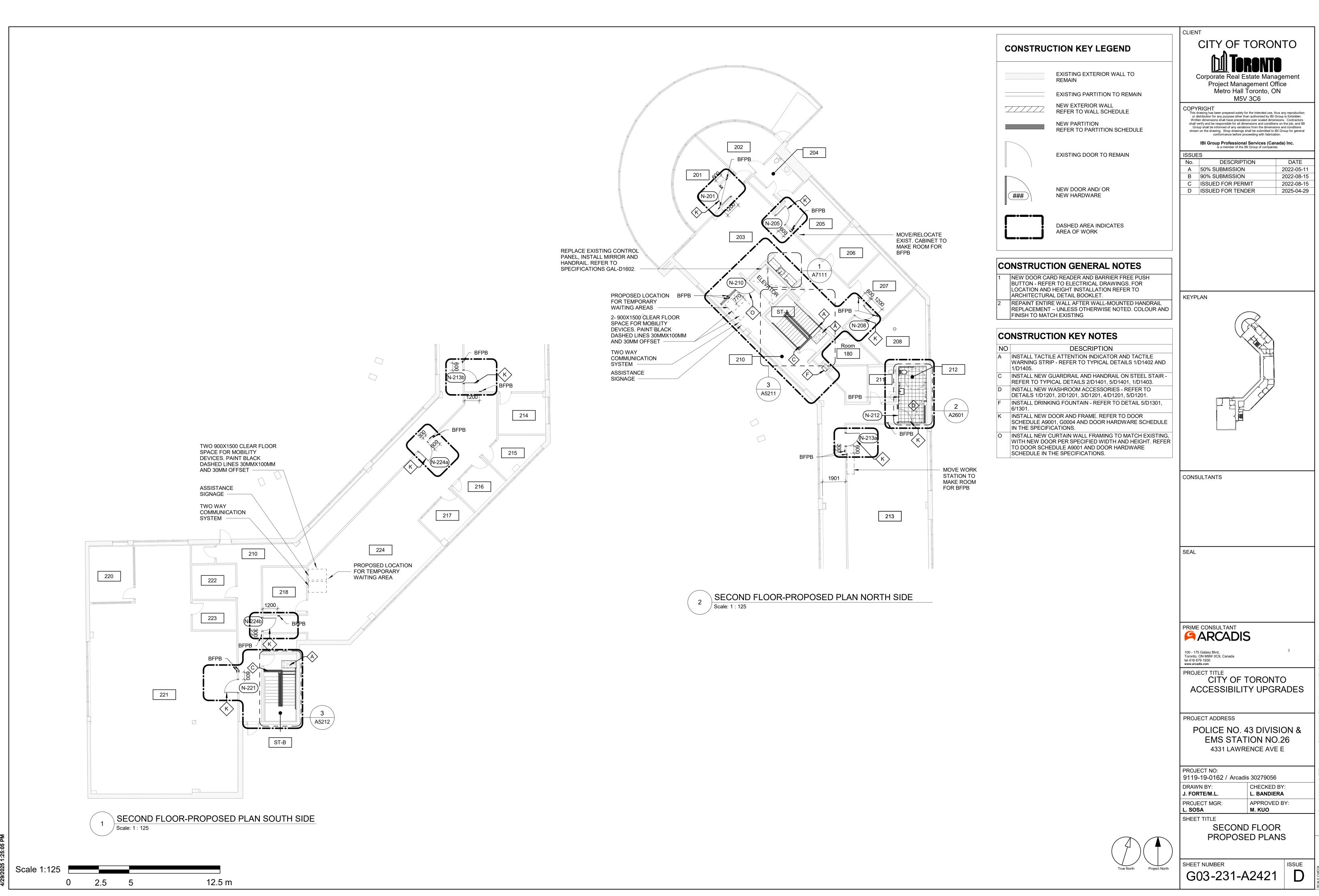
	CLIENT
CONSTRUCTION KEY LEGEND	
EXISTING EXTERIOR WALL TO REMAIN	Corporate Real Estate Management
EXISTING PARTITION TO REMAIN	Project Management Office Metro Hall Toronto, ON
NEW EXTERIOR WALL REFER TO WALL SCHEDULE	M5V 3C6 COPYRIGHT This drawing has been prepared solely for the intended use, thus any reproduction
NEW PARTITION REFER TO PARTITION SCHEDULE	or distribution for any purpose other than authorized by IBI Group is forbidden. Written dimensions shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job, and IBI Group shall be informed of any variations from the dimensions and conditions shown on the drawing. Shop drawings shall be submitted to IBI Group for general conformance before proceeding with fabrication.
EXISTING DOOR TO REMAIN	IBI Group Professional Services (Canada) Inc. is a member of the IBI Group of companies ISSUES
	No. DESCRIPTION DATE A 50% SUBMISSION 2022-05-11 B 90% SUBMISSION 2022-08-15
NEW DOOR AND/ OR ### NEW HARDWARE	DCISSUED FOR PERMIT2022-08-15DISSUED FOR TENDER2025-04-29
DASHED AREA INDICATES AREA OF WORK	
NEW DOOR CARD READER AND BARRIER FREE PUSH NUTTON DESCRIPTION	
BUTTON - REFER TO ELECTRICAL DRAWINGS. FOR LOCATION AND HEIGHT INSTALLATION REFER TO ARCHITECTURAL DETAIL BOOKLET. REPAINT ENTIRE WALL AFTER WALL-MOUNTED HANDRAIL REPLACEMENT – UNLESS OTHERWISE NOTED. COLOUR AND FINISH TO MATCH EXISTING	
ONSTRUCTION KEY NOTES	
O DESCRIPTION INSTALL TACTILE ATTENTION INDICATOR AND TACTILE WARNING STRIP - REFER TO TYPICAL DETAILS 1/D1402 AND	
1/D1405.INSTALL COLOUR AND TEXTURE NOSING STRIP - REFER TO	
TYPICAL DETAIL 1/D1402. INSTALL NEW GUARDRAIL AND HANDRAIL ON STEEL STAIR - REFER TO TYPICAL DETAILS 2/D1401, 5/D1401, 1/D1403.	
INSTALL DRINKING FOUNTAIN - REFER TO DETAIL 5/D1301, 6/1301.	
INSTALL NEW HANDRAIL - REFER TO DETAILS 1/D1401, 3/D1401, 2/1403, 3/1403, 4/D1402.	
	CONSULTANTS
	054
	SEAL
	PRIME CONSULTANT
	PROJECT TITLE
	100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com PROJECT TITLE CITY OF TORONTO ACCESSIBILITY UPGRADES PROJECT ADDRESS POLICE NO. 43 DIVISION & EMS STATION NO.26
	PROJECT ADDRESS
	POLICE NO. 43 DIVISION & EMS STATION NO.26 4331 LAWRENCE AVE E
	PROJECT NO:
	9119-19-0162 / Arcadis 30279056 2 DRAWN BY: CHECKED BY:
	J. FORTE/M.L.L. BANDIERAPROJECT MGR:APPROVED BY:
	4331 LAWRENCE AVE E 4331 LAWRENCE AVE E PROJECT NO: 9119-19-0162 / Arcadis 30279056 DRAWN BY: CHECKED BY: J. FORTE/M.L. L. BANDIERA PROJECT MGR: APPROVED BY: L. SOSA M. KUO SHEET TITLE BASEMENT PROPOSED
	BASEMENT PROPOSED
	PLAN
True North Project North	PLAN SHEET NUMBER G03-231-A2401 D

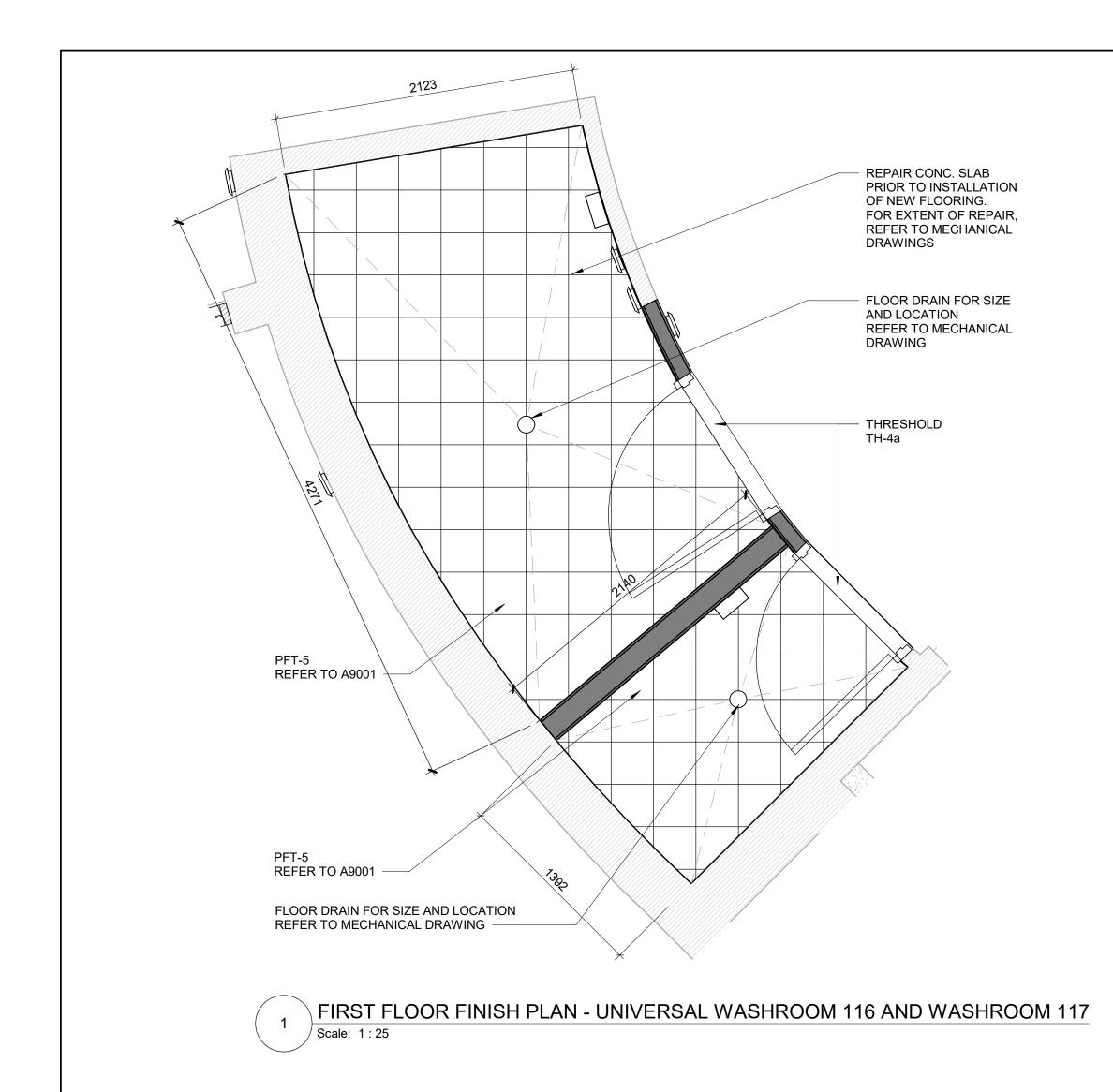


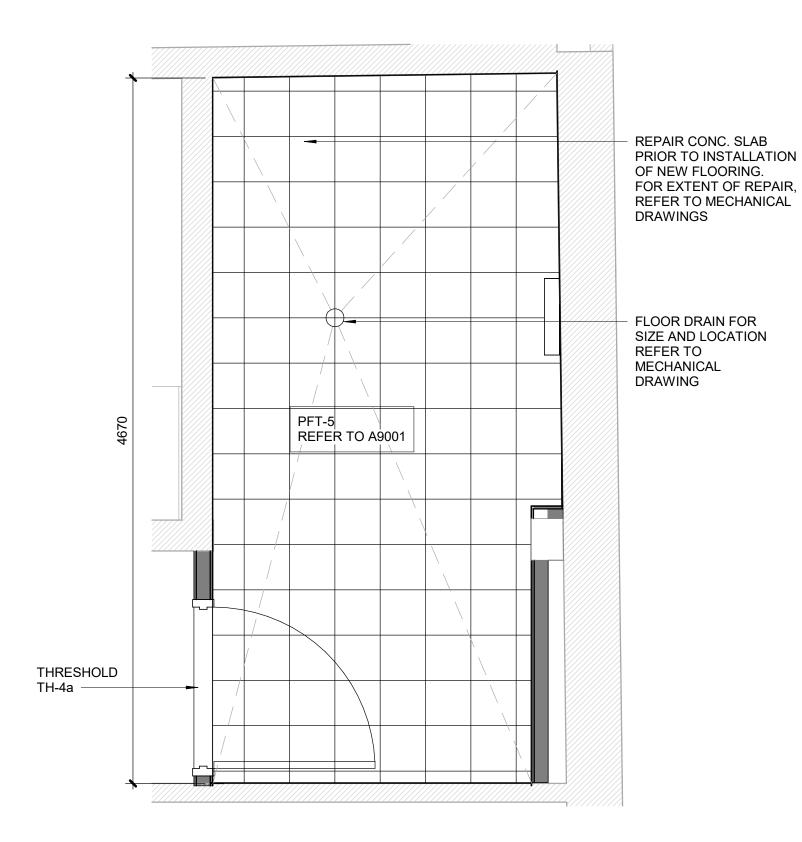
	CLIENT
CONSTRUCTION KEY LEGEND	
	TORONTO
EXISTING EXTERIOR WALL TO REMAIN	Corporate Real Estate Management Project Management Office Metro Hall Toronto, ON
EXISTING PARTITION TO REMAIN	M5V 3C6
Image: Market Arrow Control of the second	This drawing has been prepared solely for the intended use, thus any reproduction or distribution for any purpose other than authorized by IBI Group is forbidden. Written dimensions shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job, and IBI
REFER TO PARTITION SCHEDULE	Group shall be informed of any variations from the dimensions and conditions shown on the drawing. Shop drawings shall be submitted to IBI Group for general conformance before proceeding with fabrication. IBI Group Professional Services (Canada) Inc.
EXISTING DOOR TO REMAIN	ISSUES No. DESCRIPTION DATE
	A 50% SUBMISSION 2022-05-11 B 90% SUBMISSION 2022-08-15
NEW DOOR AND/ OR (###) NEW HARDWARE	CISSUED FOR PERMIT2022-08-15DISSUED FOR TENDER2025-04-29
DASHED AREA INDICATES AREA OF WORK	
CONSTRUCTION GENERAL NOTES	
1 NEW DOOR CARD READER AND BARRIER FREE PUSH BUTTON - REFER TO ELECTRICAL DRAWINGS. FOR LOCATION AND HEIGHT INSTALLATION REFER TO	
ARCHITECTURAL DETAIL BOOKLET. 2 REPAINT ENTIRE WALL AFTER WALL-MOUNTED HANDRAIL REPLACEMENT – UNLESS OTHERWISE NOTED. COLOUR AND ENVIOL	KEYPLAN
FINISH TO MATCH EXISTING	
CONSTRUCTION KEY NOTES NO DESCRIPTION	
DESCRIPTION C INSTALL NEW GUARDRAIL AND HANDRAIL ON STEEL STAIR - REFER TO TYPICAL DETAILS 2/D1401, 5/D1401, 1/D1403.	
D INSTALL NEW WASHROOM ACCESSORIES - REFER TO DETAILS 1/D1201, 2/D1201, 3/D1201, 4/D1201, 5/D1201.	
E CONSTRUCT NEW KITCHEN MILLWORK. REFER TO MILLWORK DETAILS 1/D1301, 2/D1301, 3/D1301, 4/D1301, 1/D1302, 2/D1302, 3/D1302, 4/1302, 5/D1302, 6/D1302, 8/D1302.	
INSTALL DRINKING FOUNTAIN - REFER TO DETAIL 5/D1301, 6/1301.	
EXISTING DOOR TO REMAIN. DOOR HARDWARE TO BE CHANGED AS PER DOOR SCHEDULE ON A9001 AND DOOR HARDWARE SCHEDULE IN THE SPECIFICATIONS.	
INSTALL NEW DOOR AND FRAME. REFER TO DOOR SCHEDULE A9001, G0004 AND DOOR HARDWARE SCHEDULE	
IN THE SPECIFICATIONS. D INSTALL NEW CURTAIN WALL FRAMING TO MATCH EXISTING, WITH NEW DOOR PER SPECIFIED WIDTH AND HEIGHT. REFER	NTO OC
TO DOOR SCHEDULE A9001 AND DOOR HARDWARE SCHEDULE IN THE SPECIFICATIONS.	
	CONSULTANTS
	SEAL
	PRIME CONSULTANT
	ARCADIS
	100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com
	PROJECT TITLE CITY OF TORONTO
	ACCESSIBILITY UPGRADES
	PROJECT ADDRESS
	POLICE NO. 43 DIVISION &
	EMS STATION NO.26 4331 LAWRENCE AVE E
	PROJECT NO:
	9119-19-0162 / Arcadis 30279056 DRAWN BY: CHECKED BY:
	J. FORTE/M.L. L. BANDIERA PROJECT MGR: APPROVED BY:
	L. SOSA M. KUO
	FIRST FLOOR PROPOSED PLAN NORTH
True North Project North	SHEET NUMBER ISSUE
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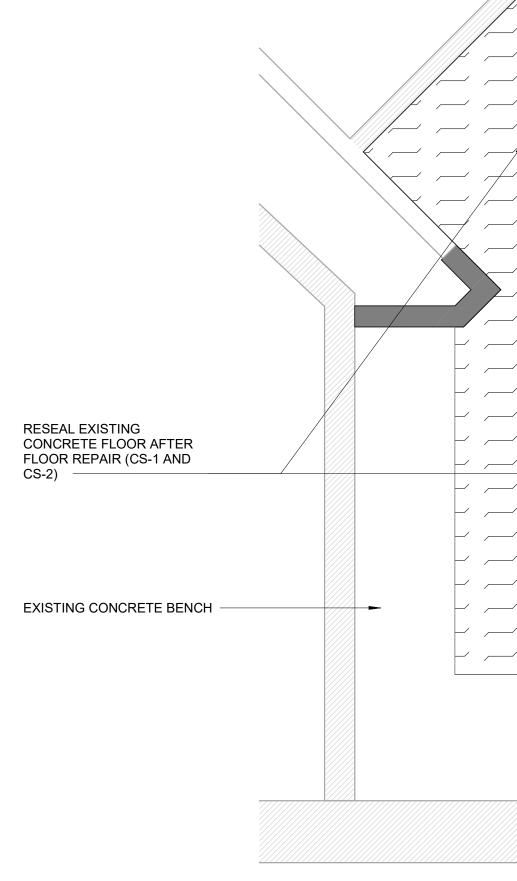
		CLIENT
	CONSTRUCTION KEY LEGEND	
		Project Management Office Metro Hall Toronto, ON
		COPYRIGHT
		Written dimensions shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job, and IBI Group shall be informed of any variations from the dimensions and conditions shown on the drawing. Shop drawings shall be submitted to IBI Group for general
	EXISTING DOOR TO REMAIN	No. DESCRIPTION DATE
		B 90% SUBMISSION 2022-08-15
AEEA OF WORK OUNSTRUCTION GENERAL NOTES Instruction GENERAL INCRESS Instruction GENERAL INCRESS Instruction GENERAL INCOMEST Instruction GENERAL INCOMESTION Instruction GENERATION GENERAL INFORMATION GENERAL Instruction Instruction		D ISSUED FOR TENDER 2025-04-29
AEEA OF WORK OUNSTRUCTION GENERAL NOTES Instruction GENERAL INCRESS Instruction GENERAL INCRESS Instruction GENERAL INCOMEST Instruction GENERAL INCOMESTION Instruction GENERATION GENERAL INFORMATION GENERAL Instruction Instruction		
Import		
PROJECT ADDRESS PROJECT ADDRESS POLICE NO. 43 DIVISION & EMS STATION NO.26 4331 LAWRENCE AVE E PROJECT NO: 9119-19-0162 / Arcadis 30279056 DRAWN BY: CHECKED BY: J. FORTE/NL. L. BANDIERA PROJECT MGR: APPROVED BY: J. FORTE/NL. K. BANDIERA PROJECT TITLE FIRST FLOOR	1 NEW DOOR CARD READER AND BARRIER FREE PUSH BUTTON - REFER TO ELECTRICAL DRAWINGS. FOR LOCATION AND HEIGHT INSTALLATION REFER TO ARCHITECTURAL DETAIL BOOKLET. 2 REPAINT ENTIRE WALL AFTER WALL-MOUNTED HANDRAIL REPLACEMENT - UNLESS OTHERWISE NOTED. COLOUR AND FINISH TO MATCH EXISTING CONSTRUCTION KEY NOTES NO DESCRIPTION A INSTALL TACTILE ATTENTION INDICATOR AND TACTILE WARNING STRIP - REFER TO TYPICAL DETAILS 1/D1402 AND 1/D1405. D INSTALL NEW WASHROOM ACCESSORIES - REFER TO DETAILS 1/D1201, 2/D1201, 3/D1201, 4/D1201, 5/D1201. J EXISTING DOOR TO REMAIN. DOOR HARDWARE TO BE CHANGED AS PER DOOR SCHEDULE ON A9001 AND DOOR HARDWARE SCHEDULE IN THE SPECIFICATIONS. K INSTALL NEW DOOR AND FRAME. REFER TO DOOR SCHEDULE A9001, G0004 AND DOOR HARDWARE SCHEDULE	CONSULTANTS
True North Project North SHEET NUMBER ISSUE		Image: Second

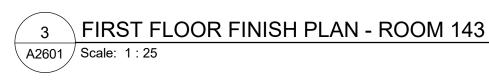


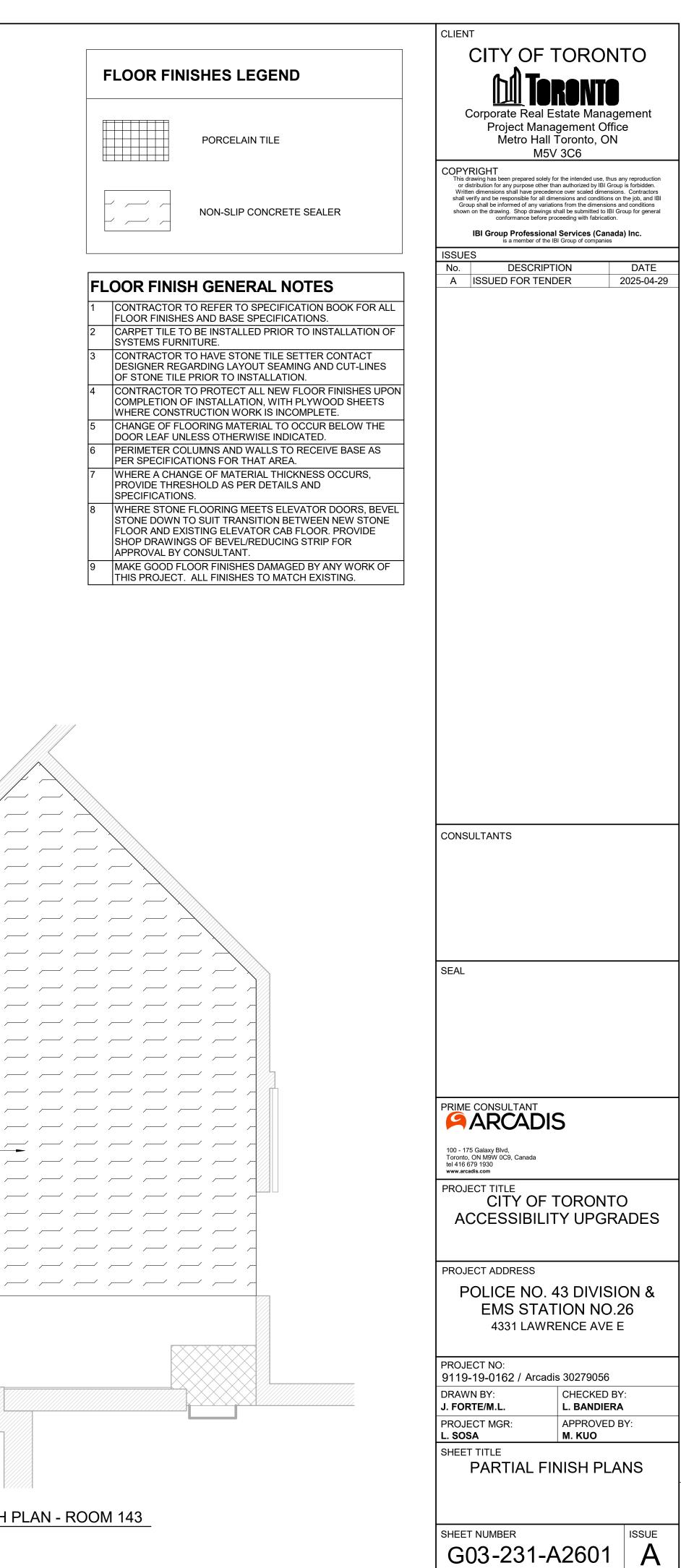


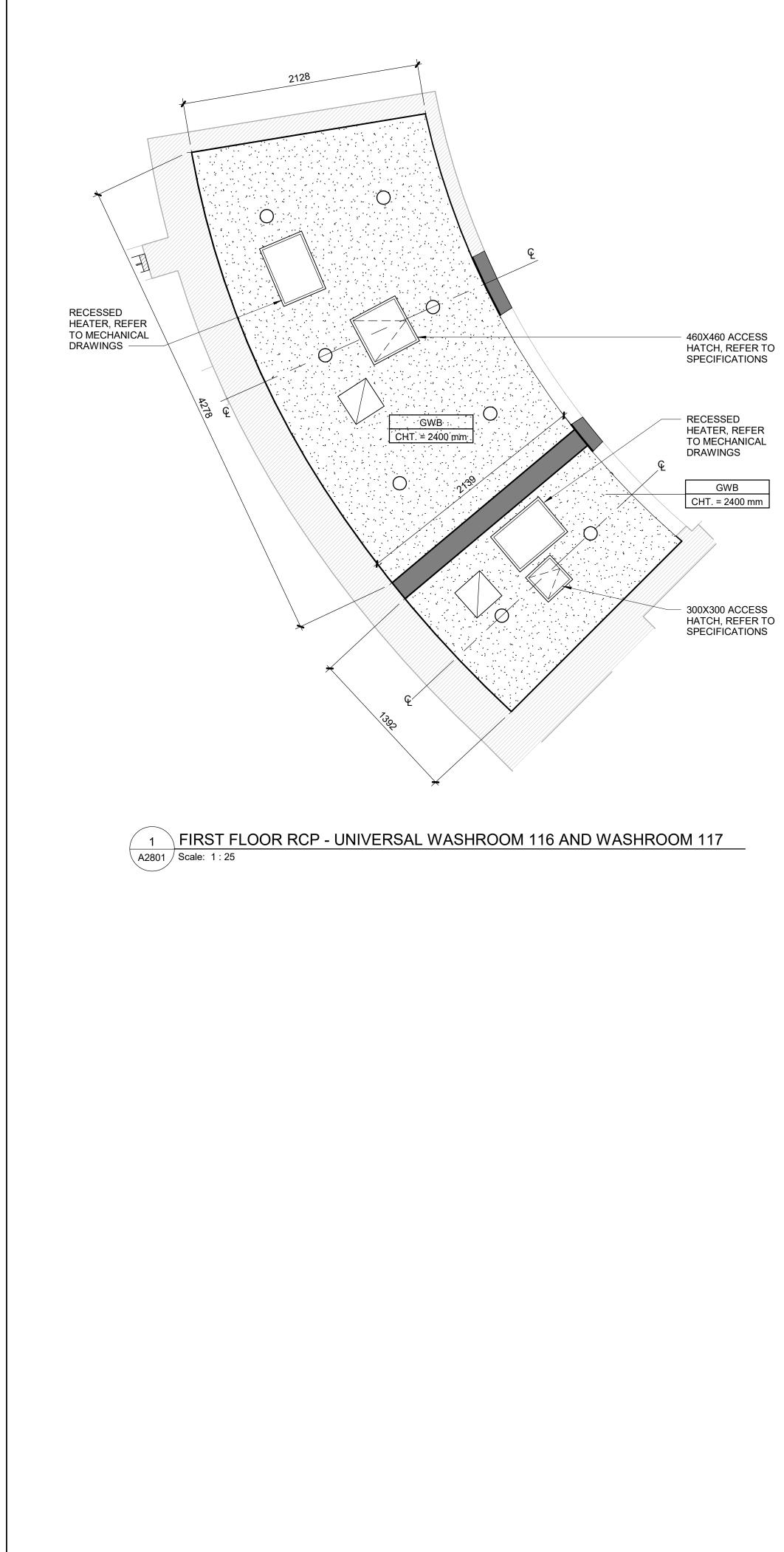


2 SECOND FLOOR FINISH PLAN - UNIVERSAL WASHROOM 212 Scale: 1:25

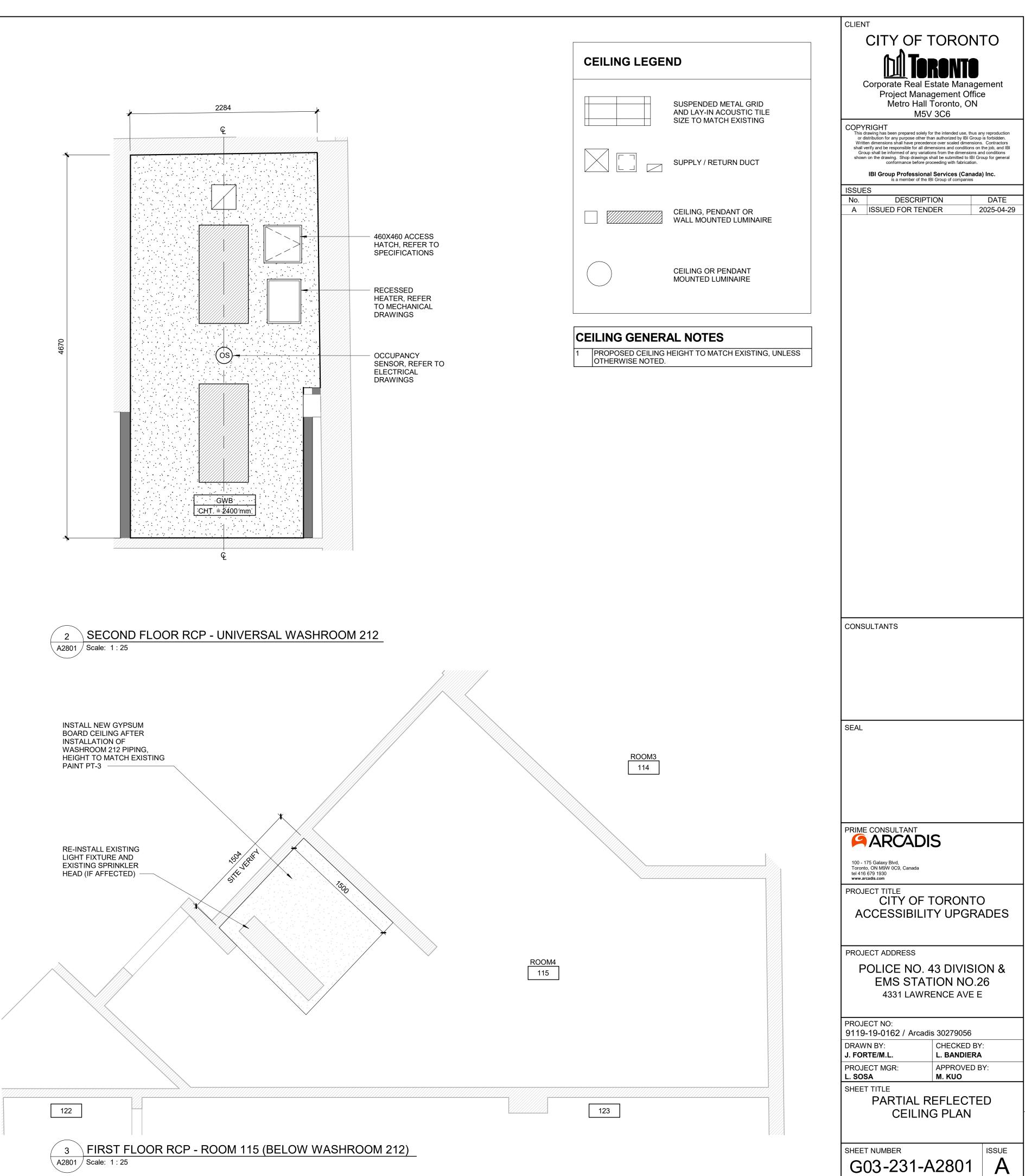






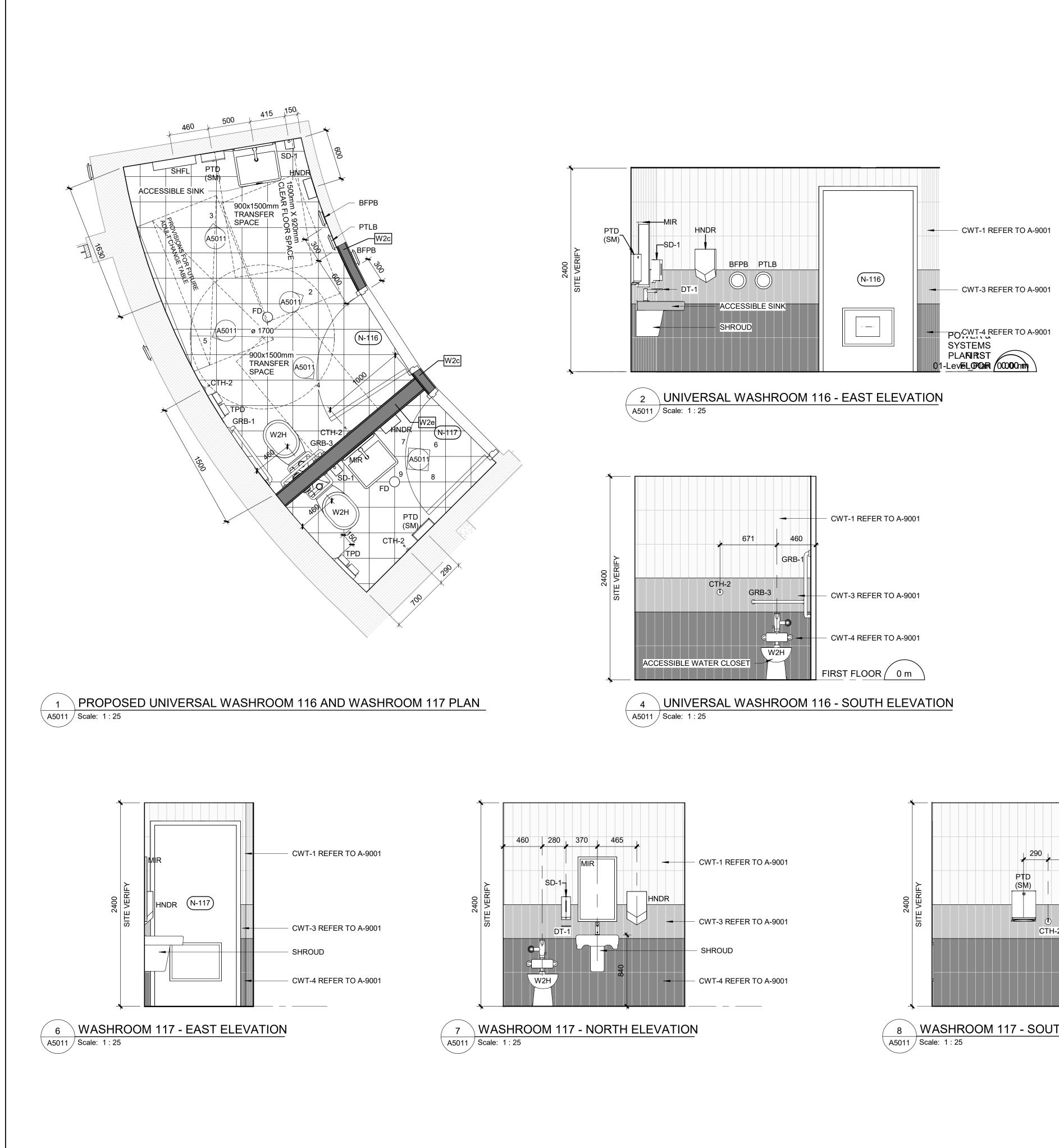


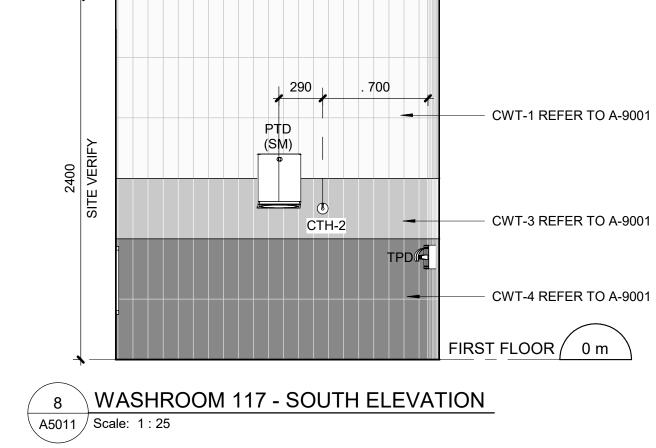
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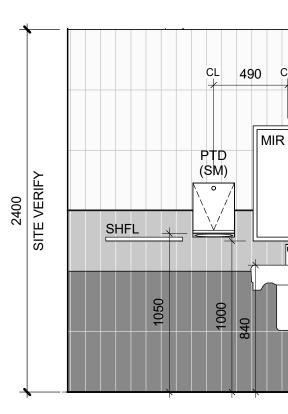


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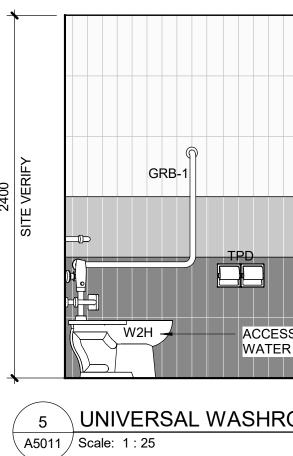
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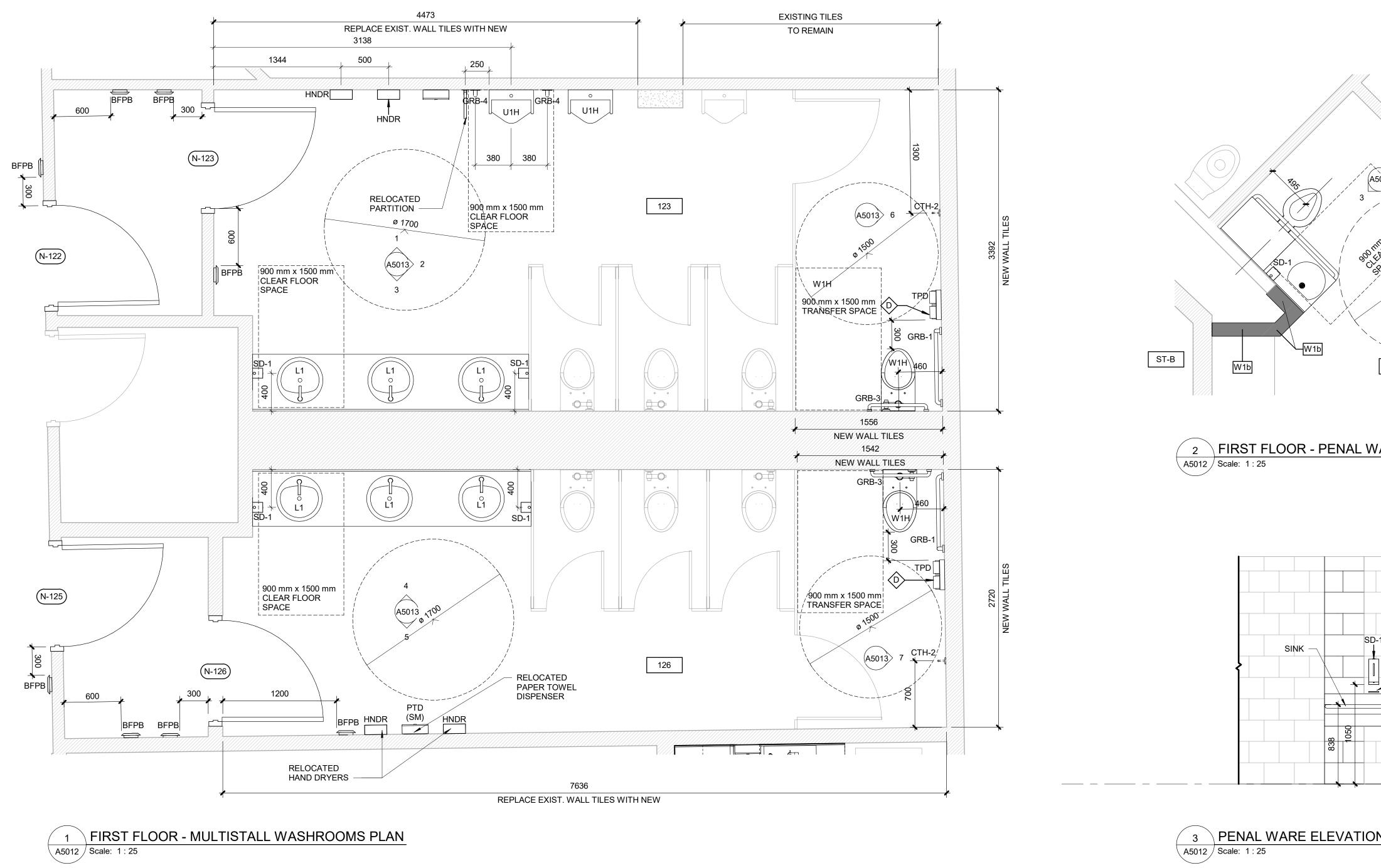






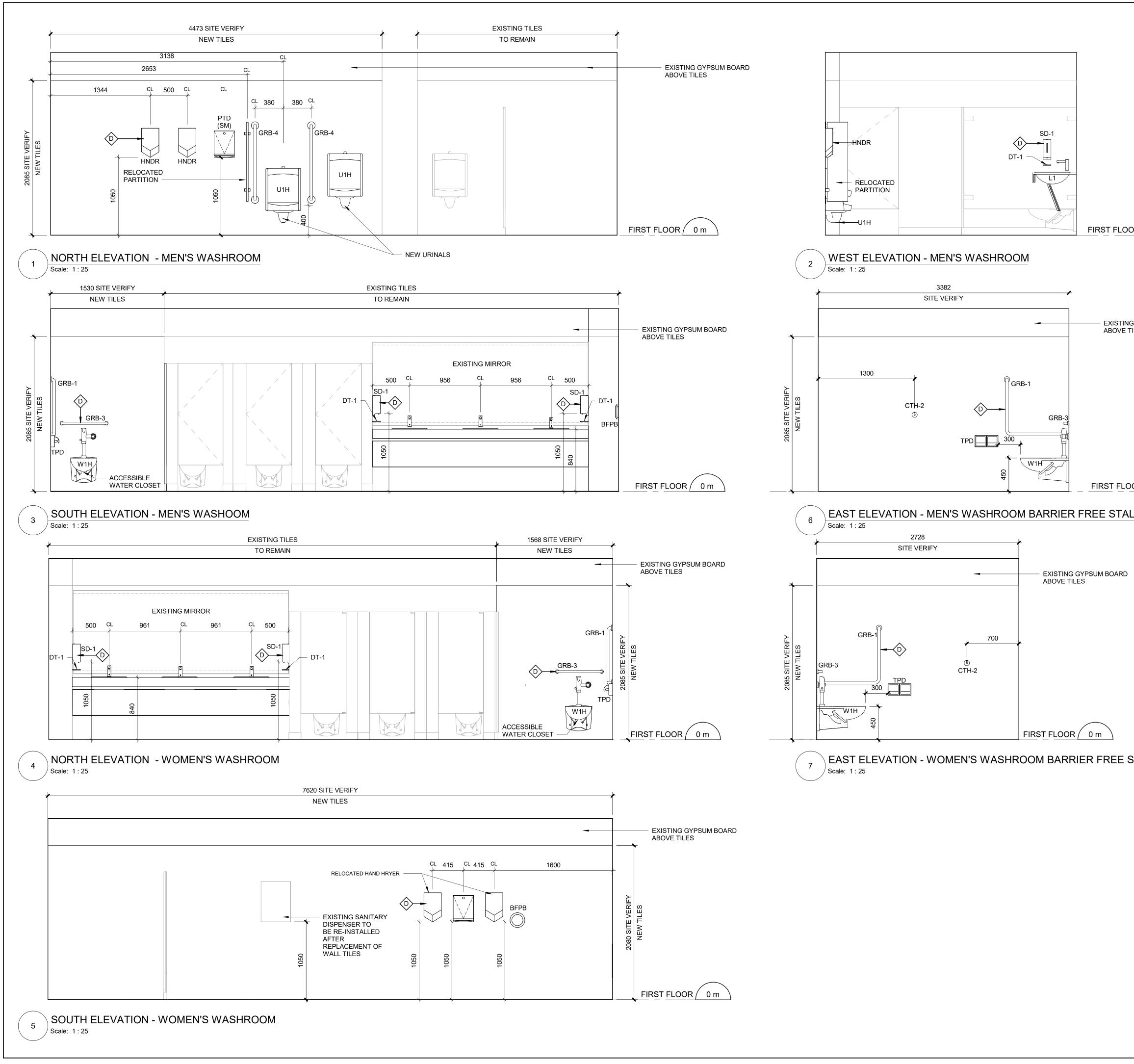


	CLIENT
WASHROOM GENERAL NOTES 1 ALL EXISTING SOAP DISPENSERS AND MIRRORS TO BE	
1 ALL EXISTING SOAP DISPENSERS AND MIRRORS TO BE LOWERED. REFER TO 2/D1201, 4/D1201. 2 ALL WASHROOM ACCESSORIES TO BE INSTALLED AFTER	I III TORONTO
SPECIFIED WALL FINISH HAS BEEN APPLIED. NEW SOAP COLLECTORS TO BE ADDED TO ALL SOAP DISPENSERS.	Corporate Real Estate Management Project Management Office
REFER TO 2/D1201. 3 MOISTURE RESISTANT GYPSUM BOARD TO BE PROVIDED IN ALL WASHROOMS AND LOCKER ROOMS	Metro Hall Toronto, ON M5V 3C6
	COPYRIGHT This drawing has been prepared solely for the intended use, thus any reproduction or distribution for any purpose other than authorized by IBI Group is forbidden.
1 PROVIDE WALL REINFORCEMENT TO SUPPORT FUTURE ADULT	Written dimensions shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job, and IBI Group shall be informed of any variations from the dimensions and conditions shown on the drawing. Shop drawings shall be submitted to IBI Group for general
CHANGE TABLE MINIMUM LOAD OF 1.33 KN AND POWER OUTLET	conformance before proceeding with fabrication. IBI Group Professional Services (Canada) Inc. is a member of the IBI Group of companies
	ISSUES No. DESCRIPTION DATE
	A 50% SUBMISSION 2022-05-11 B 90% SUBMISSION 2022-08-15
5 CL 145	CISSUED FOR PERMIT2022-08-15DISSUED FOR TENDER2025-04-29
CWT-1 REFER TO A-9001	
SD-1	
CWT-3 REFER TO A-9001	
DT-1	
SHROUD	
CWT-4 REFER TO A-9001	
M 116 - NORTH ELEVATION	
CWT-1 REFER TO A-9001	
О СWT-3 REFER TO A-9001	CONSULTANTS
BFACT	
CWT-4 REFER TO A-9001	
E DSET	
FIRST FLOOR (0 m)	
M 116 - WEST ELEVATION	SEAL
	
	PRIME CONSULTANT
	100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada
CWT-1 REFER TO A-9001	tel 416 679 1930 www.arcadis.com PROJECT TITLE
	CITY OF TORONTO
007 (SM) CWT-3 REFER TO A-9001	ACCESSIBILITY UPGRADES
CWT-3 REFER TO A-9001	PROJECT ADDRESS
CWT-4 REFER TO A-9001	POLICE NO. 43 DIVISION &
POWER &	EMS STATION NO.26 4331 LAWRENCE AVE E
W2H SYSTEMS PLANIRST 01-LE4RELTORED 08000mb m	
	PROJECT NO: 9119-19-0162 / Arcadis 30279056
9 WASHROOM 117 - WEST ELEVATION A5011 Scale: 1:25	DRAWN BY: CHECKED BY: J. FORTE K. TILAHUN
	PROJECT MGR: APPROVED BY: L. SOSA M. KUO
	SHEET TITLE WASHROOM PLANS AND
	ELEVATIONS
True North Project North	SHEET NUMBER ISSUE
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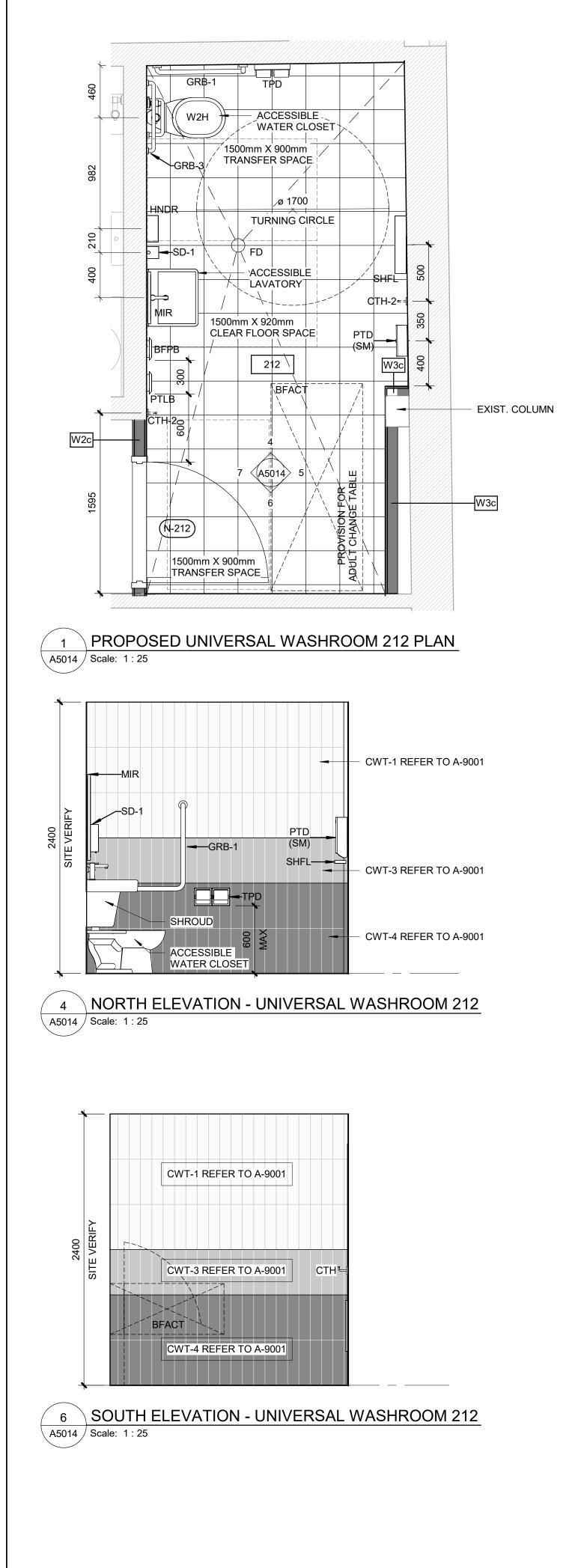


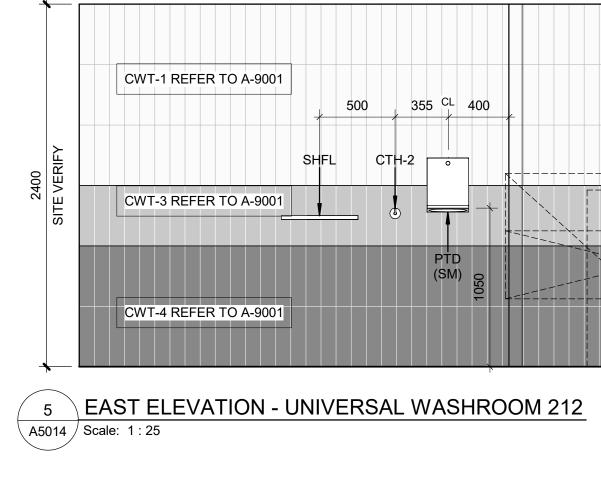
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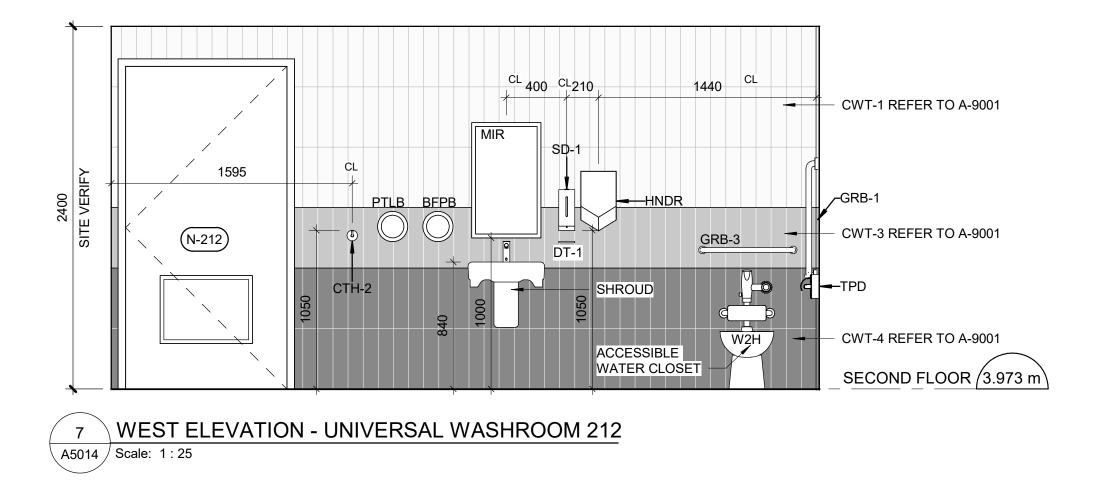
Image: Strain			CLIENT
		CONSTRUCTION KEY NOTES	CITY OF TORONTO
			Corporate Real Estate Management
		WASHROOM GENERAL NOTES	Project Management Office
		1 ALL EXISTING SOAP DISPENSERS AND MIRRORS TO BE	M5V 3C6
		2 ALL WASHROOM ACCESSORIES TO BE INSTALLED AFTER	This drawing has been prepared solely for the intended use, thus any reproduction or distribution for any purpose other than authorized by IBI Group is forbidden.
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	CONSTRUCTION KEY NOTES	CITY OF TORONTO
	D INSTALL NEW WASHROOM ACCESSORIES - REFER TO DETAILS 1/D1201, 2/D1201, 3/D1201, 4/D1201, 5/D1201.	Corporate Real Estate Management
	WASHROOM GENERAL NOTES	Project Management Office Metro Hall Toronto, ON
	1 ALL EXISTING SOAP DISPENSERS AND MIRRORS TO BE LOWERED. REFER TO 2/D1201, 4/D1201.	M5V 3C6 COPYRIGHT
	2 ALL WASHROOM ACCESSORIES TO BE INSTALLED AFTER SPECIFIED WALL FINISH HAS BEEN APPLIED. NEW SOAP	This drawing has been prepared solely for the intended use, thus any reproduction or distribution for any purpose other than authorized by IBI Group is forbidden. Written dimensions shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job, and IBI
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	3 MOISTURE RESISTANT GYPSUM BOARD TO BE PROVIDED IN ALL WASHROOMS AND LOCKER ROOMS	IBI Group Professional Services (Canada) Inc. is a member of the IBI Group of companies
	NOTE: FOR NEW WASHROOM ACCESSORIES MOUNTING	ISSUES No. DESCRIPTION DATE A 90% SUBMISSION 2022 08 15
	HEIGHT REFER TO : DETAILS 1/D1201, 2/D1201, 3/D1201, 4/1201, 5/1201.	A 90% SUBMISSION 2022-08-15 B ISSUED FOR PERMIT 2022-08-15 C ISSUED FOR TENDER 2025-04-29
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		CONSULTANTS
		SEAL
		PRIME CONSULTANT
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		tel 416 679 1930 www.arcadis.com
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		EMS STATION NO.26
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		J. FORTE/M.L. K. TILAHUN
		PROJECT MGR: APPROVED BY: L. SOSA M. KUO
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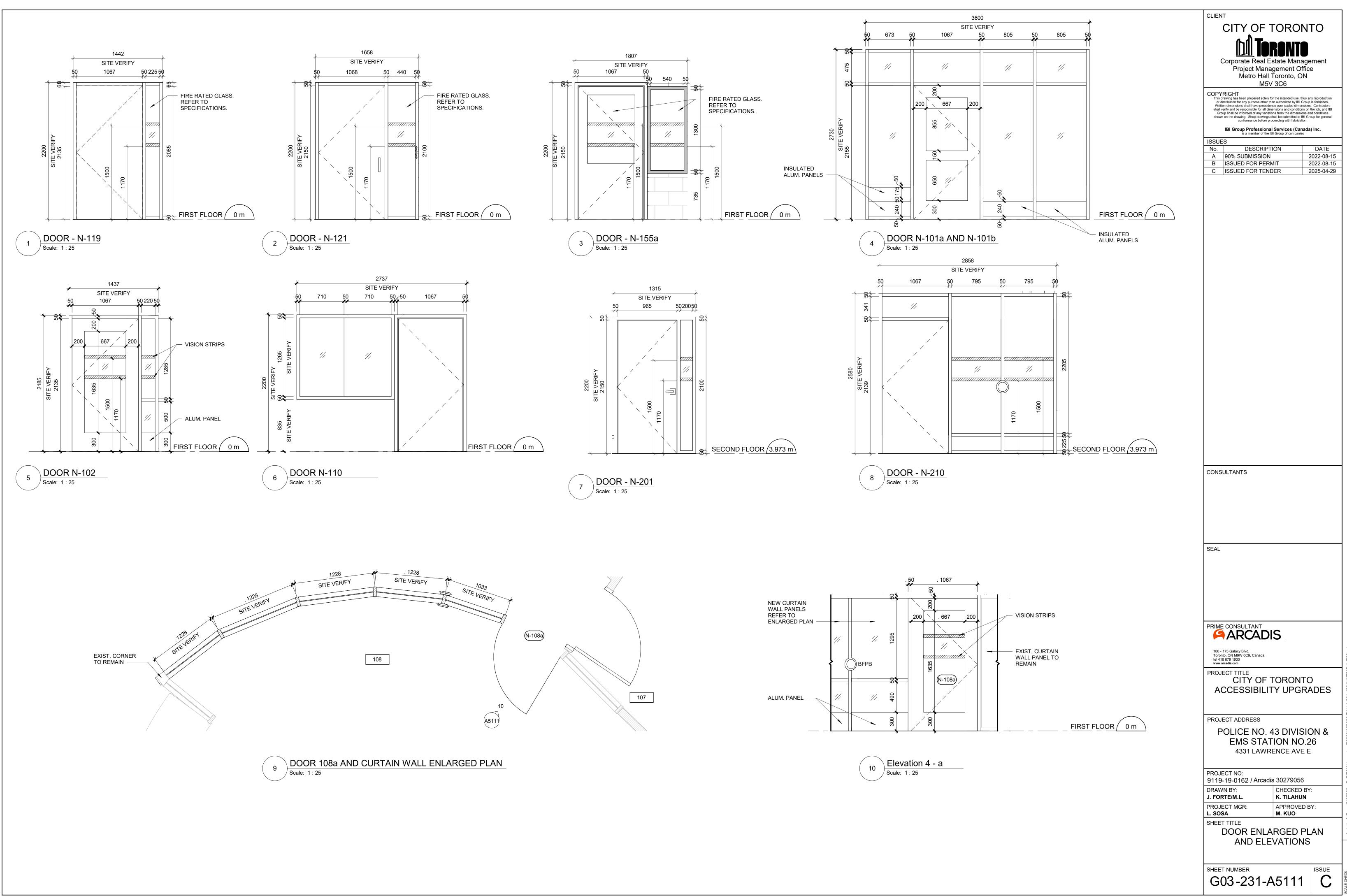


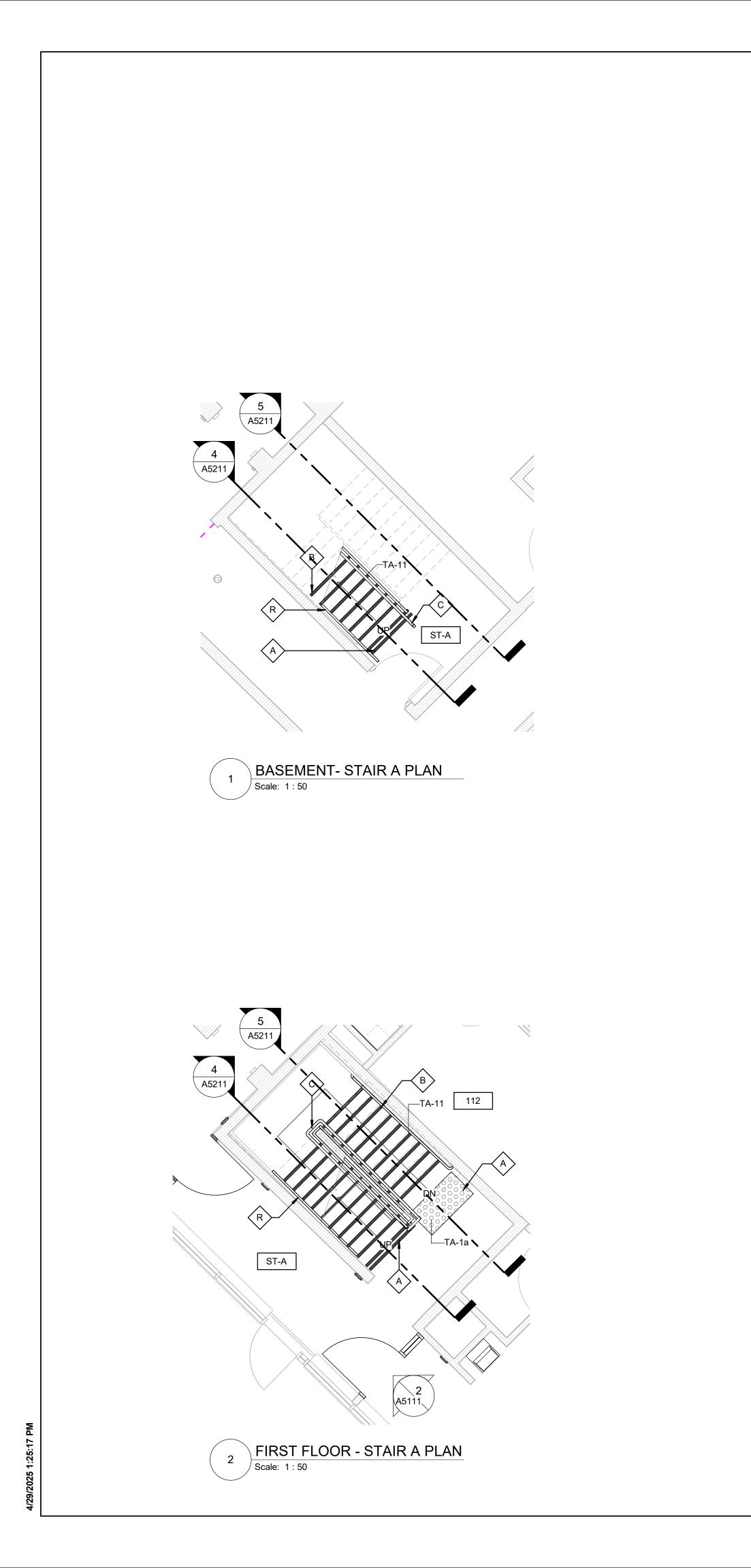


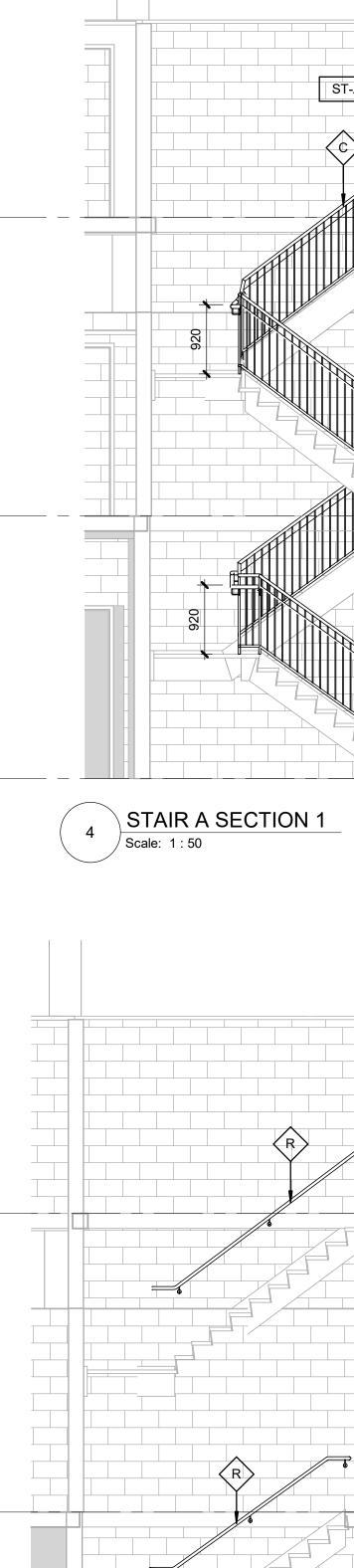


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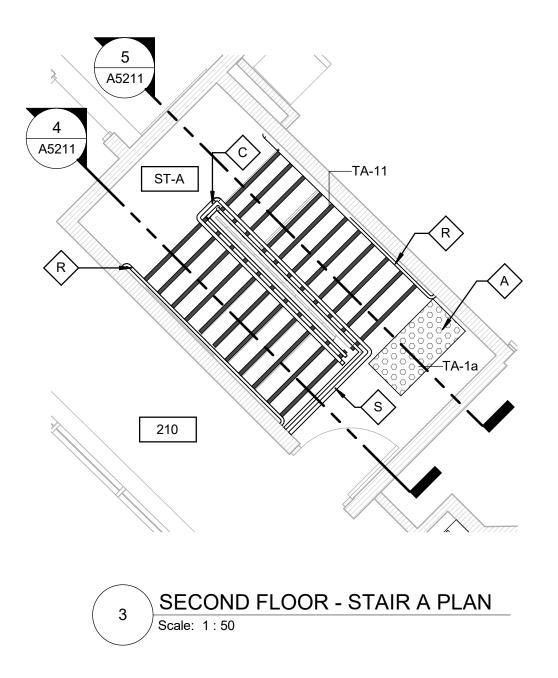
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WASHROOM GENERAL NOTES	CITY OF TORONTO
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REFER TO 2/D1201. 3 MOISTURE RESISTANT GYPSUM BOARD TO BE PROVIDED IN	Project Management Office Metro Hall Toronto, ON
ALL WASHROOMS AND LOCKER ROOMS	M5V 3C6
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UNIVERSAL WASHROOM GENERAL NOTES	Written dimensions shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job, and IBI Group shall be informed of any variations from the dimensions and conditions
1 PROVIDE WALL REINFORCEMENT TO SUPPORT FUTURE ADULT CHANGE TABLE MINIMUM LOAD OF 1.33 KN AND POWER OUTLET	shown on the drawing. Shop drawings shall be submitted to IBI Group for general conformance before proceeding with fabrication.
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	BISSUED FOR PERMIT2022-08-15CISSUED FOR TENDER2025-04-29
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	CITY OF TORONTO
	ACCESSIBILITY UPGRADES
	PROJECT ADDRESS
	POLICE NO. 43 DIVISION &
	EMS STATION NO.26 4331 LAWRENCE AVE E
	PROJECT NO:
	9119-19-0162 / Arcadis 30279056
	DRAWN BY: CHECKED BY: J. FORTE/M.L. K. TILAHUN
	J. FORTE/M.L.K. TILAHUNPROJECT MGR:APPROVED BY:
	L. SOSA M. KUO
	UNIVERSAL WASHROOM
	SHEET NUMBER ISSUE
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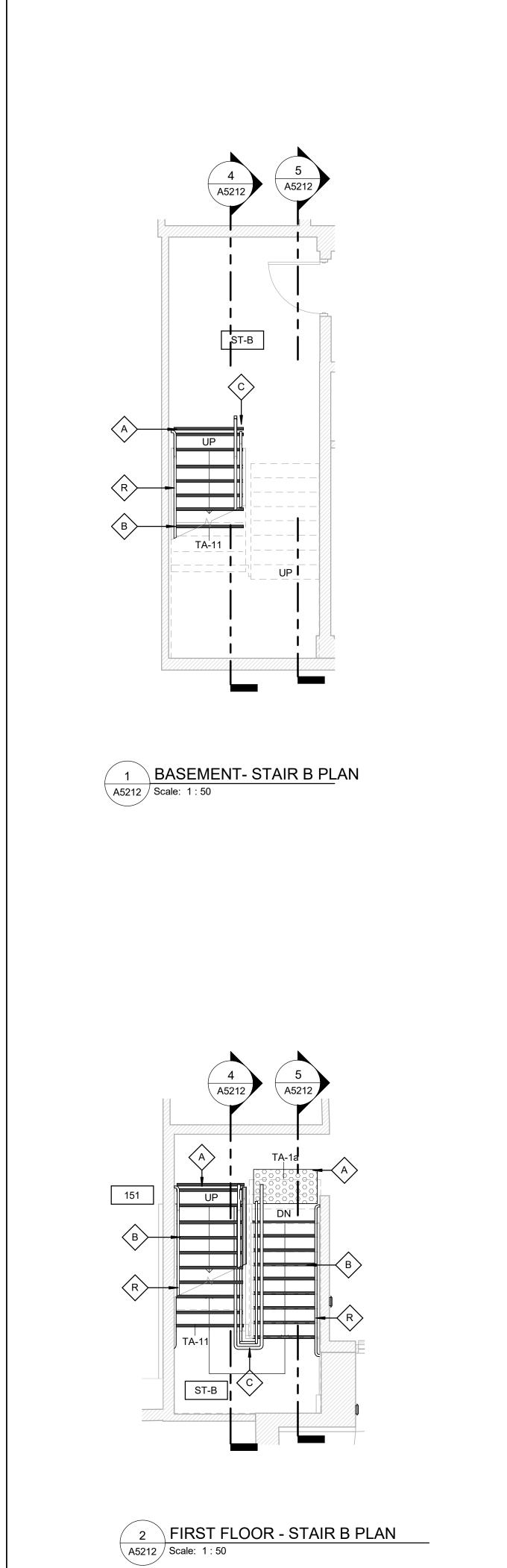


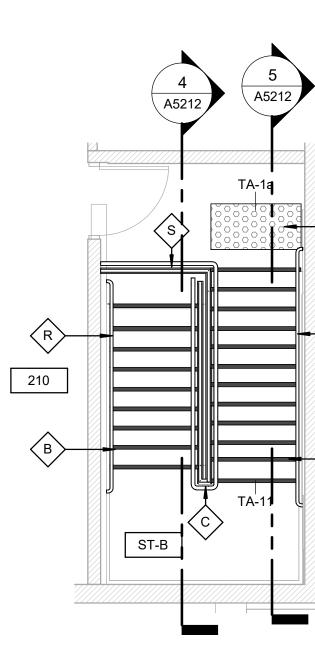


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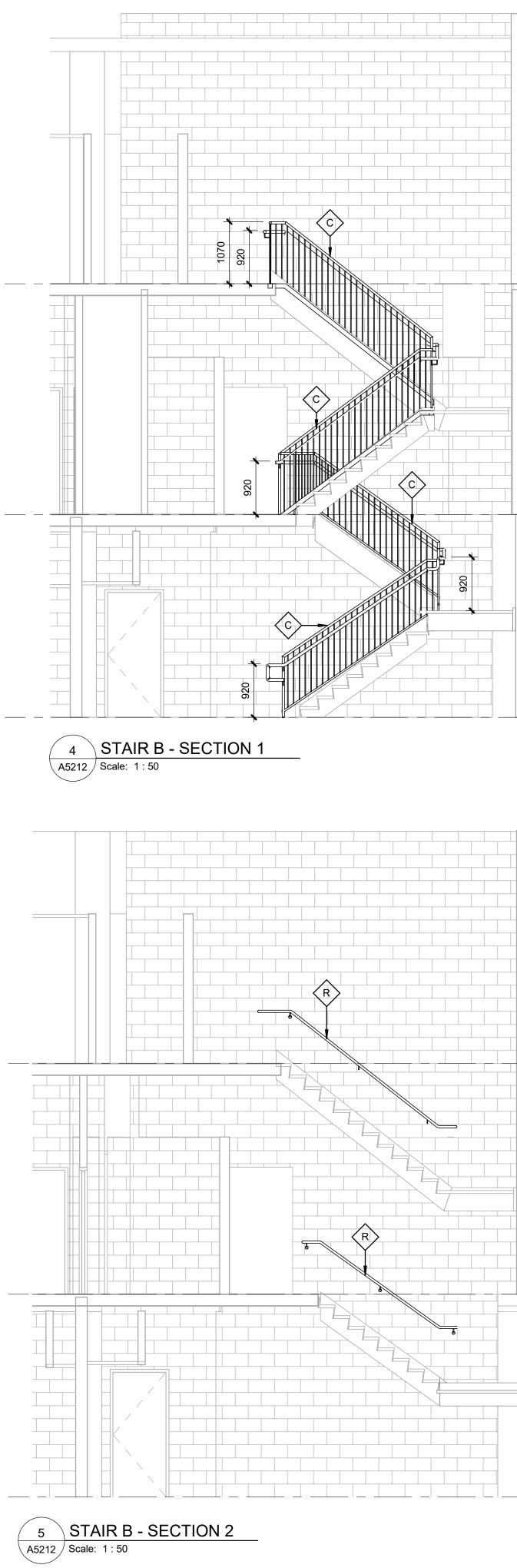


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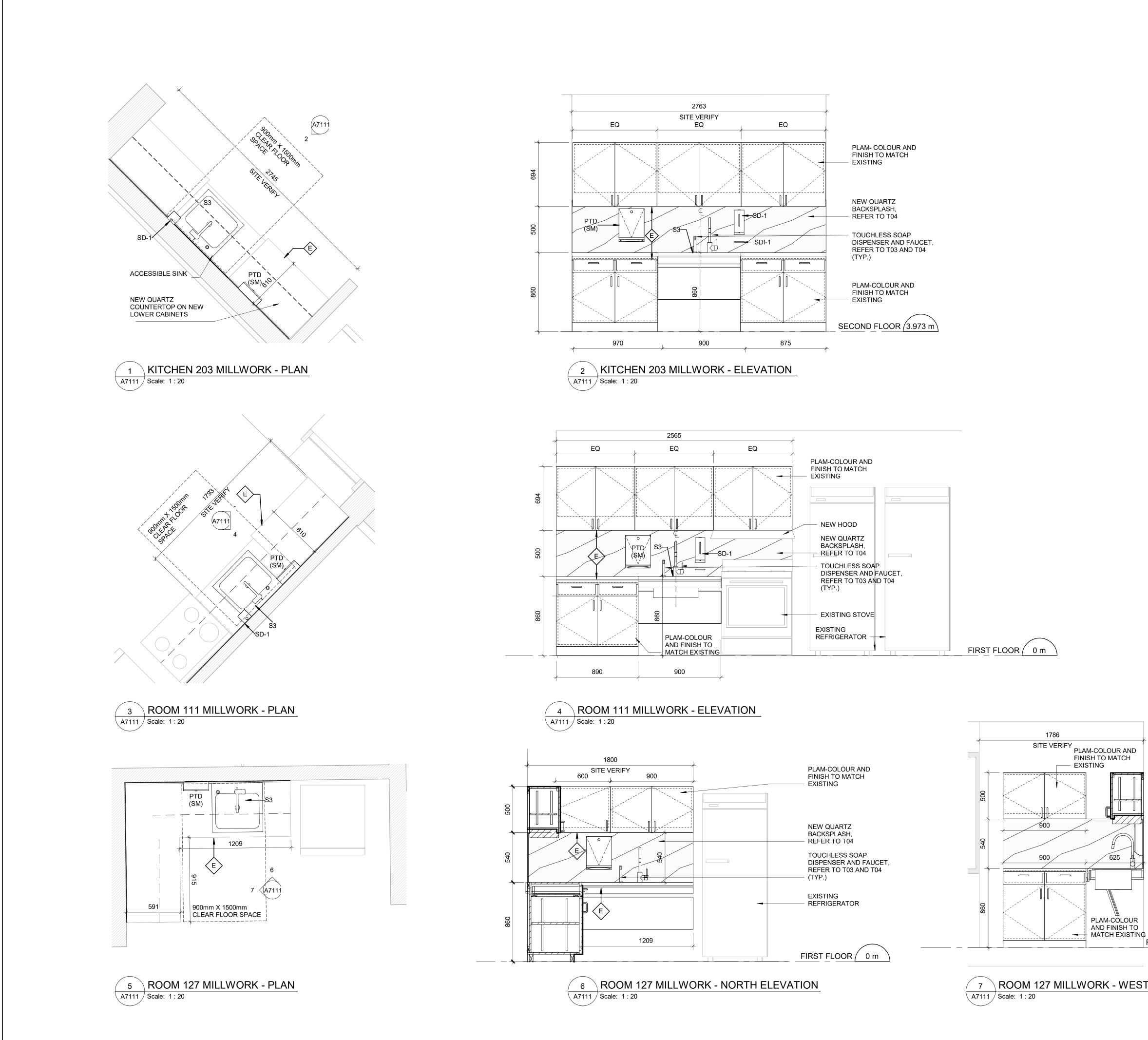




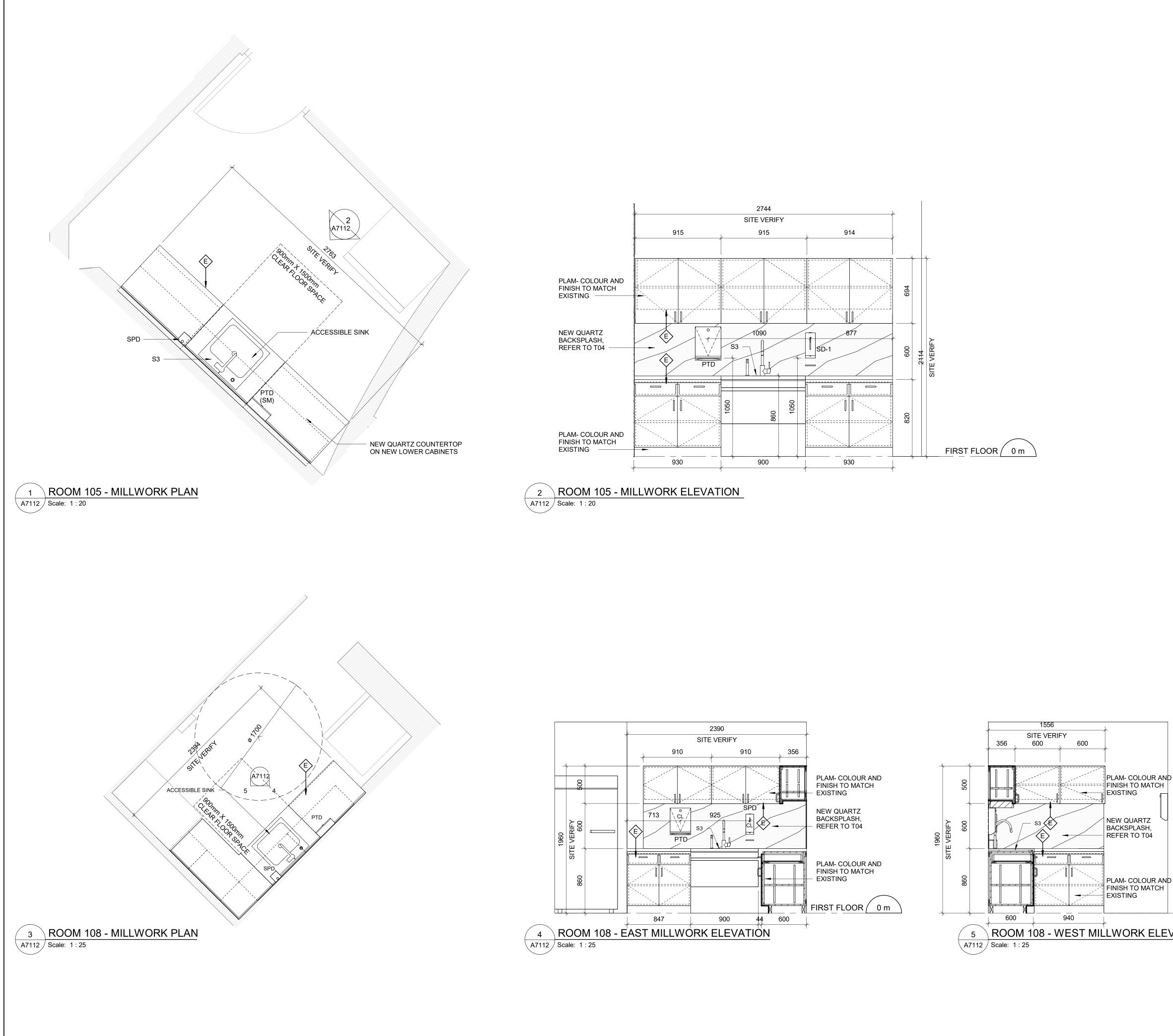


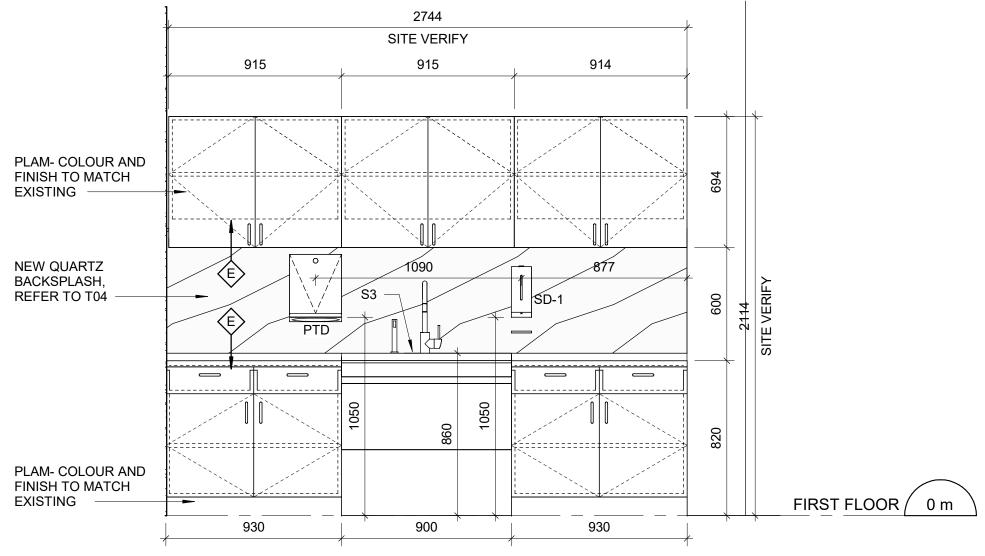


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	Project Management Office
	Metro Hall Toronto, ON
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	ISSUES No. DESCRIPTION DATE
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	B ISSUED FOR PERMIT 2022-08-15
	C ISSUED FOR TENDER 2025-04-29
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FIRST FLOOR 0 m	SEAL PRIME CONSULTANT CONSULTATION CONSULTA
FIRST FLOOR 0 m	SEAL PRIME CONSULTANT CONSULTATION CONSULTATIO



		CLIENT
	CONSTRUCTION KEY NOTES NO DESCRIPTION	
	E CONSTRUCT NEW KITCHEN MILLWORK. REFER TO MILLWORK DETAILS 1/D1301, 2/D1301, 3/D1301, 4/D1301, 1/D1302, 2/D1302, 3/D1302, 4/1302, 5/D1302, 6/D1302, 8/D1302.	Corporate Real Estate Management Project Management Office
I	KITCHEN GENERAL NOTES	Metro Hall Toronto, ON M5V 3C6
-	NODESCRIPTION1REFER TO 1/D1301, 2/D1301 & 5/D1302 FOR ACCESSIBLE SINK DETAILS AND MOUNTING HEIGHT.	COPYRIGHT This drawing has been prepared solely for the intended use, thus any reproduction or distribution for any purpose other than authorized by IBI Group is forbidden. Written dimensions shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job, and IBI Course the bit information for all dimensions and conditions on the job.
	 2 REFER TO 1/D1301, 2/D1301, 2/D1302 & 6/D1302 FOR DETAILS OF CABINETRY WITH DRAWERS. 3 REFER TO 8/D1302 FOR TYP. BUILT-UP NOSING DOOR 	Group shall be informed of any variations from the dimensions and conditions shown on the drawing. Shop drawings shall be submitted to IBI Group for general conformance before proceeding with fabrication. IBI Group Professional Services (Canada) Inc. is a member of the IBI Group of companies
	COUNTER TOP DETAILS.	ISSUES No. DESCRIPTION DATE
		A 90% SUBMISSION 2022-08-15 B ISSUED FOR PERMIT 2022-08-15 C ISSUED FOR TENDER 2025-04-29
		CONSULTANTS
		SEAL
,		
		100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada
		tel 416 679 1930 www.arcadis.com PROJECT TITLE
		CITY OF TORONTO ACCESSIBILITY UPGRADES
		PROJECT ADDRESS
<u>~</u>		POLICE NO. 43 DIVISION & EMS STATION NO.26
		4331 LAWRENCE AVE E
		PROJECT NO: 9119-19-0162 / Arcadis 30279056
; FIRST FLOOR (0 m	DRAWN BY: CHECKED BY: R.REZAEI CHECKED BY: K. TILAHUN PROJECT MGR: APPROVED BY:
		L. SOSA M.KUO SHEET TITLE
	N	KITCHEN MILLWORK PLAN AND ELEVATIONS
		SHEET NUMBER ISSUE
		G03-231-A7111







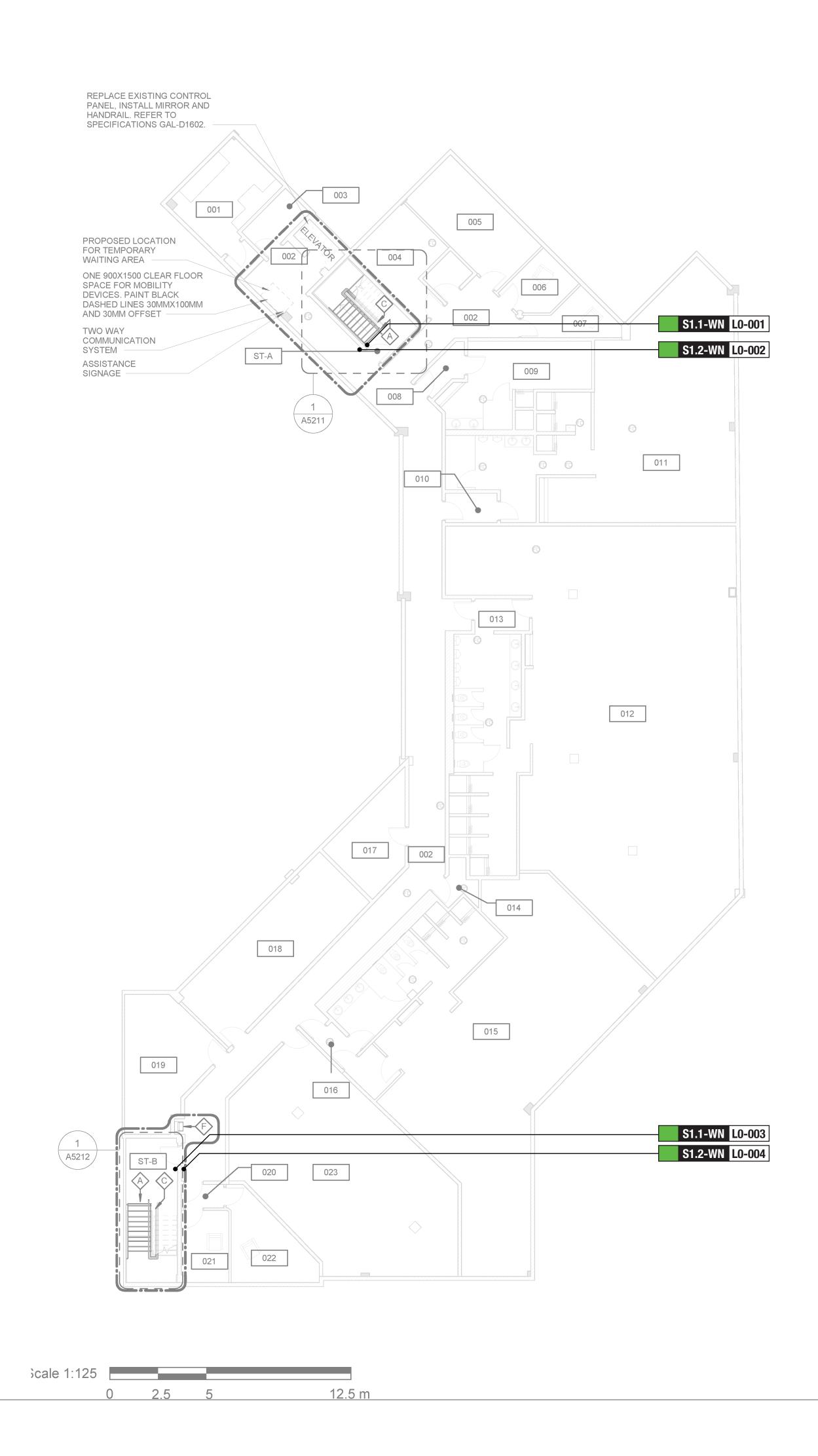
		CLIENT
	CONSTRUCTION KEY NOTES	CITY OF TORONTO
	NO DESCRIPTION	
	E CONSTRUCT NEW KITCHEN MILLWORK. REFER TO MILLWORK DETAILS 1/D1301, 2/D1301, 3/D1301, 4/D1301, 1/D1302, 2/D1302, 3/D1302, 4/1302, 5/D1302, 6/D1302, 8/D1302.	Corporate Real Estate Management Project Management Office
	KITCHEN GENERAL NOTES	Metro Hall Toronto, ON M5V 3C6
	NODESCRIPTION1REFER TO 1/D1301, 2/D1301 & 5/D1302 FOR ACCESSIBLE SINK	COPYRIGHT This drawing has been prepared solely for the intended use, thus any reproduction or distribution for any purpose other than authorized by IBI Group is forbidden.
	DETAILS AND MOUNTING HEIGHT.	Written dimensions shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job, and IBI Group shall be informed of any variations from the dimensions and conditions shown on the drawing. Shop drawings shall be submitted to IBI Group for general
	2 REFER TO 1/D1301, 2/D1301, 2/D1302 & 6/D1302 FOR DETAILS OF CABINETRY WITH DRAWERS.	IBI Group Professional Services (Canada) Inc. is a member of the IBI Group of companies
	3 REFER TO 8/D1302 FOR TYP. BUILT-UP NOSING DOOR COUNTER TOP DETAILS.	ISSUES
		No. DESCRIPTION DATE A 90% SUBMISSION 2022-08-15
		BISSUED FOR PERMIT2022-08-15CISSUED FOR TENDER2025-04-29
		CONSULTANTS
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ND		100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com
		CITY OF TORONTO ACCESSIBILITY UPGRADES
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		PROJECT ADDRESS
		POLICE NO. 43 DIVISION &
		EMS STATION NO.26 4331 LAWRENCE AVE E
FIRST FLOO	R 0 m	
		PROJECT NO: 9119-19-0162 / Arcadis 30279056
EVATION		DRAWN BY: CHECKED BY: J. FORTE K. TILAHUN
		PROJECT MGR: APPROVED BY: L. SOSA M. KUO
		SHEET TITLE
		KITCHEN MILLWORK PLAN AND ELEVATIONS
		SHEET NUMBER ISSUE
		G03-231-A7112 C

								DO	OR SCHE	DULE				
		DO	OR			PANEL		FR	AME	DC	OOR HARDWA	RE		
DOOR NO. ROOM NO.	TYPE	WIDTH	HEIGHT	THICKNESS	MAT.	FIN.	GLASS	MAT.	FIN.	SECURITY ACCESS CONTOL DEVICE	BFPB	PANIC DEVICE	FIRE RATING (MINUTES)	REMARKS
RST FLOOR		1	I					I						
N-101a 101	NA	1067	2135	45	ALUM	ANOD	ITGL	ALUM	ANOD		YES		NA	NEW CURTAIN WALL PANEL - REFER TO ELEVATION (IN PROGRESS)
N-101b 101	NA	1067	2135	45	ALUM	ANOD	ITGL	ALUM	ANOD		YES		NA	NEW CURTAIN WALL PANEL - REFER TO ELEVATION (IN PROGRESS)
N-102 102	NA	1067	2150	45	ALUM	ANOD	TGL	ALUM	ANOD	YES	YES		NA	NEW CURTAIN WALL PANEL - REFER TO ELEVATION (IN PROGRESS)
N-106 106	A	1067	2150	45	HM	PT3	<>	HM	PT3		YES		NA	
N-107 107	A	1067	2150	45	HM	PT3	<>	HM	PT3		YES		NA	
N-108a 108	NA	1067	2150	45	ALUM	ANOD	TGL	ALUM	ANOD		YES		NA	NEW CURTAIN WALL PANEL - REFER TO ELEVATION (IN PROGRESS)
N-108b 108	A	1067	2150	45	HM	PT3	<>	HM	PT3		YES		NA	
N-110 110	A	1067	2150	45	HM	PT3	<>	HM	PT3		YES		NA	FOR GLAZED PANEL DIMENSIONS REFER TO DOOR ELEVATION (IN PROGRES
N-111 111	A	1067	2150	45	HM	PT3	<>	HM	PT3		YES		NA	
N-113 127	F	1067	2150	45	HM	PT3	TGL	HM	PT3		YES		NA	
N-116 116	A(L)	1067	2135	45	HM	PT3	<>	HM	PT3		YES		NA	
N-117 117	A(L)	965	2135	45	HM	PT3	<>	HM	PT3				NA	
N-119 ST-A	NA	1067	2150	45	HM	PT3	<>	HM	PT3	YES	YES		45	FIRE-RATED GLASS, REFER TO DOOR ELEVATION (A5111)
N-121 ST-A	NA	1067	2150	45	HM	PT3	<>	HM	PT3		YES		45	FIRE-RATED GLASS, REFER TO DOOR ELEVATION (A5111)
N-122 122	A(L)	1067 1067	2135 2135	45 45	HM HM	PT3 PT3	<>	HM HM	PT3 PT3		YES YES		NA	
N-123 123 N-125 125	A(L) A(L)	1067	2135	45	HM	PT3 PT3	<>	HM	PT3 PT3		YES		NA NA	
N-126 126	A(L)	1067	2135	45	HM	PT3 PT3	<>	HM	PT3		YES		NA	
N-127 127		1007	2155	45	HM	PT3	<>	HM	PT3		125	YES	NA	INSULATED DOOR
N-155a ST-B	<u> </u>	1067	2150	45	HM	PT3	GWG	HM	PT3	YES	YES		45	FIRE-RATED GLASS, REFER TO DOOR ELEVATION (A5111)
NE-101c 101	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	120	YES		EXIST	NEW BFPB AT A COMPLIANT HEIGHT (MAX. 1050mm A.F.F.)
NE-103 103	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST		YES		EXIST	NEW BFPB, REFER TO HARDWARE SCHEDULE
NE-153a 153	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST				EXIST	NEW HARDWARE, REFER TO HARDWARE SCHEDULE
NE-153b 153	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	YES			EXIST	NEW HARDWARE, REFER TO HARDWARE SCHEDULE
NE-155b ST-B	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	YES	YES	YES	EXIST	NEW BFPB, REFER TO HARDWARE SCHEDULE
ECOND FLOOR														
N-201 201	NA	965	2150	45	HM	PT3	<>	HM	<>		YES		NA	REFER TO DOOR ELEVATION (A5111)
N-205 205	A	1067	2150	45	HM	PT3	<>	HM	PT3		YES		NA	
N-208 208	A	1067	2150	45	HM	PT3	<>	HM	PT3		YES		NA	
N-210 210	NA	1067	2150	45	ALUM	ANOD	TGL	ALUM	ANOD	YES	YES	YES	NA	FOR GLAZED PANEL DIMENSIONS REFER TO DOOR ELEVATION (A5111)
N-212 212	A(L)	1067	2135	45	HM	PT3	<>	HM	PT3		YES		NA	
N-213a 213	At	1067	2150	45	HM	PT3	<>	HM	PT3		YES		NA	OVERALL OPENING HEIGHT 2470mm
N-213b 213	At	1067	2150	45	HM	PT3	<>	HM	PT3		YES		NA	OVERALL OPENING HEIGHT 2470mm
N-221 221	А	1067	2150	45	HM	PT3	<>	HM	PT3	YES	YES		NA	
N-224a 224	А	1067	2150	45	HM	PT3	<>	HM	PT3		YES		NA	
N-224b 224	А	1067	2150	45	HM	PT3	<>	HM	PT3		YES		NA	

								ROOM FINI	SH SCHE	DULE					
	FL	OOR	BA	SE											CEILING
ROOM NUMBER	MAT.	FIN.	MAT.	FIN.		NORTH		EAST		SOUTH		WEST	MAT.	FIN.	неюнт
NOMBER	MAT.	FIIN.	WAT.		MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	MAT.	FIN.		FIIN.	HEIGHT
FIRST FLOOR		l l			·					•					
115	EXIST	EXIST	EXIST		EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST/GB	PT-3	FOR EXTENT OF NEW GB CEILING REFER TO A2801
116	EXIST	PFT-1	EXIST		EXIST	CWT-1, CWT-3, CWT-4	EXIST,GB	CWT-1, CWT-3, CWT-4	GB	CWT-1, CWT-3, CWT-4	EXIST	CWT-1, CWT-3, CWT-4			
117	EXIST	PFT-1	EXIST		GB	CWT-1, CWT-3, CWT-4	EXIST,GB	CWT-1, CWT-3, CWT-4	EXIST	CWT-1, CWT-3, CWT-4	EXIST	CWT-1, CWT-3, CWT-4			
123	EXIST	PFT-1	EXIST		EXIST	CWT-1, CWT-3, CWT-4	EXIST	CWT-1, CWT-3, CWT-4	EXIST	CWT-1, CWT-3, CWT-4	EXIST	CWT-1, CWT-3, CWT-4			
126	EXIST	PFT-1	EXIST		EXIST	CWT-1, CWT-3, CWT-4	EXIST	CWT-1, CWT-3, CWT-4	EXIST	CWT-1, CWT-3, CWT-4	EXIST	CWT-1, CWT-3, CWT-4			
143	EXIST	CS-1, CS-2	EXIST		EXIST/CMU	PT-3	EXIST	PT-3	EXIST	PT-3	EXIST/CMU	PT-3			
SECOND FLOOF	२	<u> </u>		·			I			•					•
212	EXIST	PFT-1	EXIST		EXIST	CWT-1, CWT-3, CWT-4	EXIST,GB	CWT-1, CWT-3, CWT-4	EXIST	CWT-1, CWT-3, CWT-4	EXIS, GB	CWT-1, CWT-3, CWT-4			

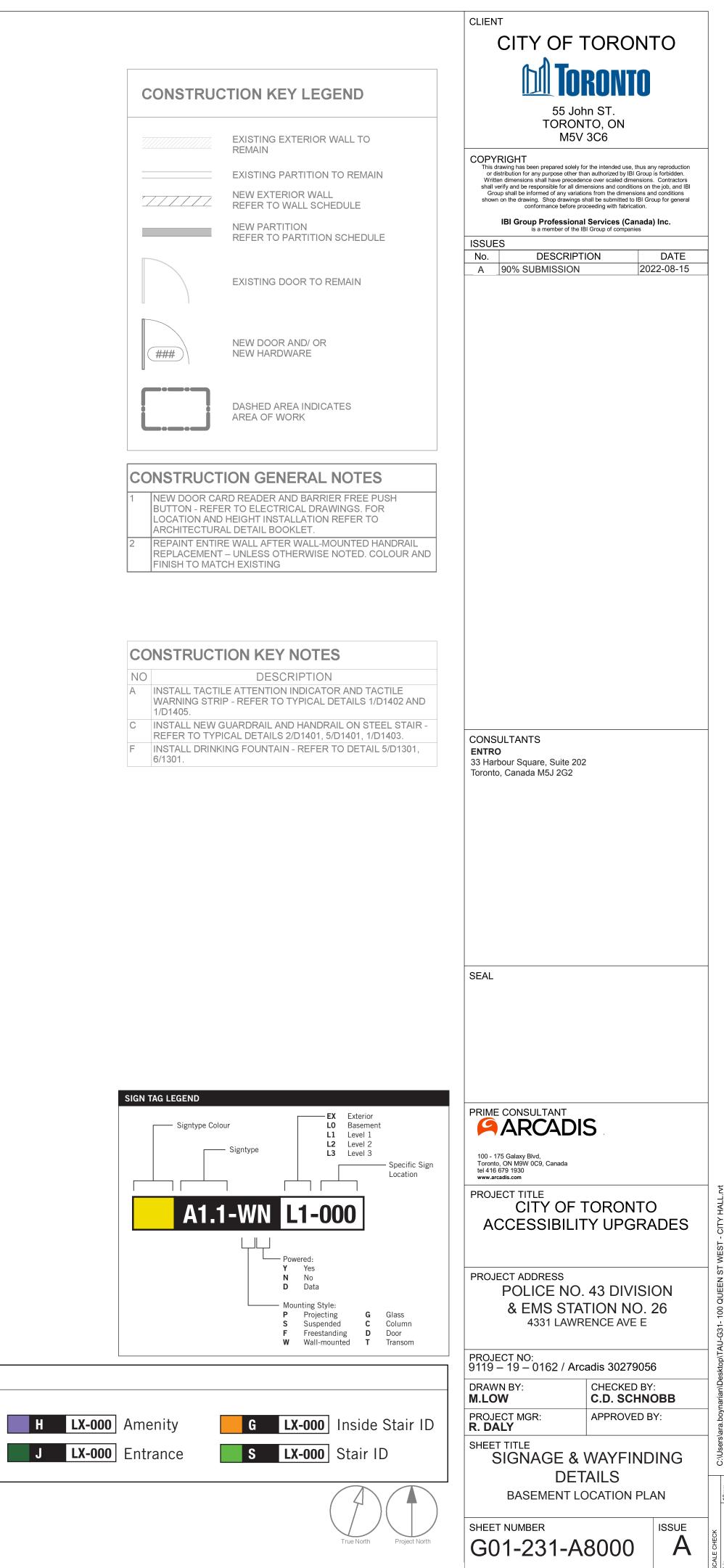
				ROOM FINIS	SH KEY SCHEDULE		
ABBRV	MATERIAL	COLOUR	FINISH	SIZE	REF	SUPPLIER	NOTES
CS -1	CONCRETE SEALER (BELLATRIX)	MATCH EXISTING	NON-SLIP FINISH	N/A		W.R.MEADOWS	
CS -2	CONCRETE SEALER (DECRA-SEAL)	COLOURLESS	NON-SLIP FINISH	N/A		W.R.MEADOWS	
CWT-2	CERAMIC WALL TILE	MATCH EXISTING	MATCH EXISTING	MATCH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

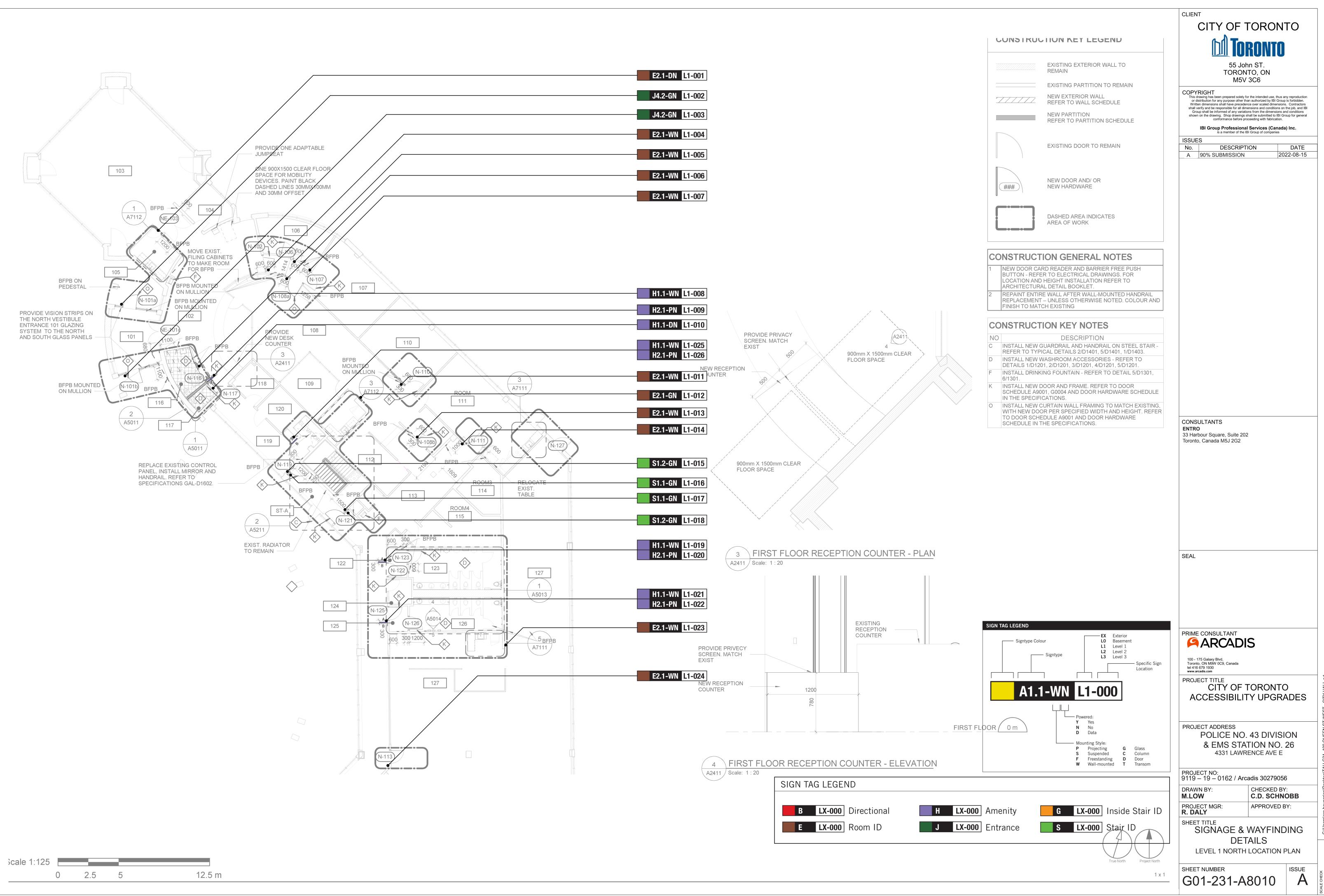
OOR SCHEDULE GENERAL NOTES DOOR HEIGHT IS FOR INFO ONLY DOOR HEIGHT TO MATCH EXISTING DOOR HEIGHT AND IS TO BE SITE MEASURED. REFER TO ELECTRICAL DRAWINGS FOR DOOR CARD READER LOCATION ON EXISTING DOORS.	CITY OF TORONTO
EXISTING DOOR HEIGHT AND IS TO BE SITE MEASURED. REFER TO ELECTRICAL DRAWINGS FOR DOOR CARD READER LOCATION ON EXISTING DOORS.	
READER LOCATION ON EXISTING DOORS.	
	Corporate Real Estate Management
REFER TO DOOR HARDWARE SCHEDULE AND TO THE SPECIFICATIONS FOR A COMPLETE SET OF DOOR	Project Management Office
HARDWARE.	Metro Hall Toronto, ON M5V 3C6
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DENOTES YES LUM ALUMINUM	conformance before proceeding with fabrication.
NOD ANODIZED FAO BARRIER-FREE AUTOMATIC OPENER	IBI Group Professional Services (Canada) Inc. is a member of the IBI Group of companies
FPBBARRIER-FREE PUSH BUTTONFWOBARRIER-FREE WAVE TO OPENRCARD READER	No.DESCRIPTIONDATEA50% SUBMISSION2022-05-11
XIST EXISTING BM FINGER BIOMETRIC	B 90% SUBMISSION 2022-08-15
B GYPSUM BOARD WG GEORGIAN WIRE GLASS	CISSUED FOR PERMIT2022-08-15DISSUED FOR TENDER2025-04-29
M HOLLOW METAL IM INSULATED HOLLOW METAL	
GLINSULATED TEMPERED (SAFETY) GLASSPKEY PADBMOCULAR BIOMETRIC	
F PRE FINISHED LAM PLASTIC LAMINATE	
T PAINT IM SIMILAR	
S STAINLESS STEEL GL TEMPERED GLASS	
/D WOOD	
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	CITY OF TORONTO
	ACCESSIBILITY UPGRADES
	PROJECT ADDRESS
	POLICE NO. 43 DIVISION &
	EMS STATION NO.26 4331 LAWRENCE AVE E
	PROJECT NO:
	9119-19-0162 / Arcadis 30279056 DRAWN BY: CHECKED BY:
	ML/RR/JF L. BANDIERA
	PROJECT MGR:APPROVED BY:L. SOSAM. KUO
	SHEET TITLE
	DOOR AND ROOM
	DOOR AND ROOM FINISH SCHEDULES
	DOOR AND ROOM



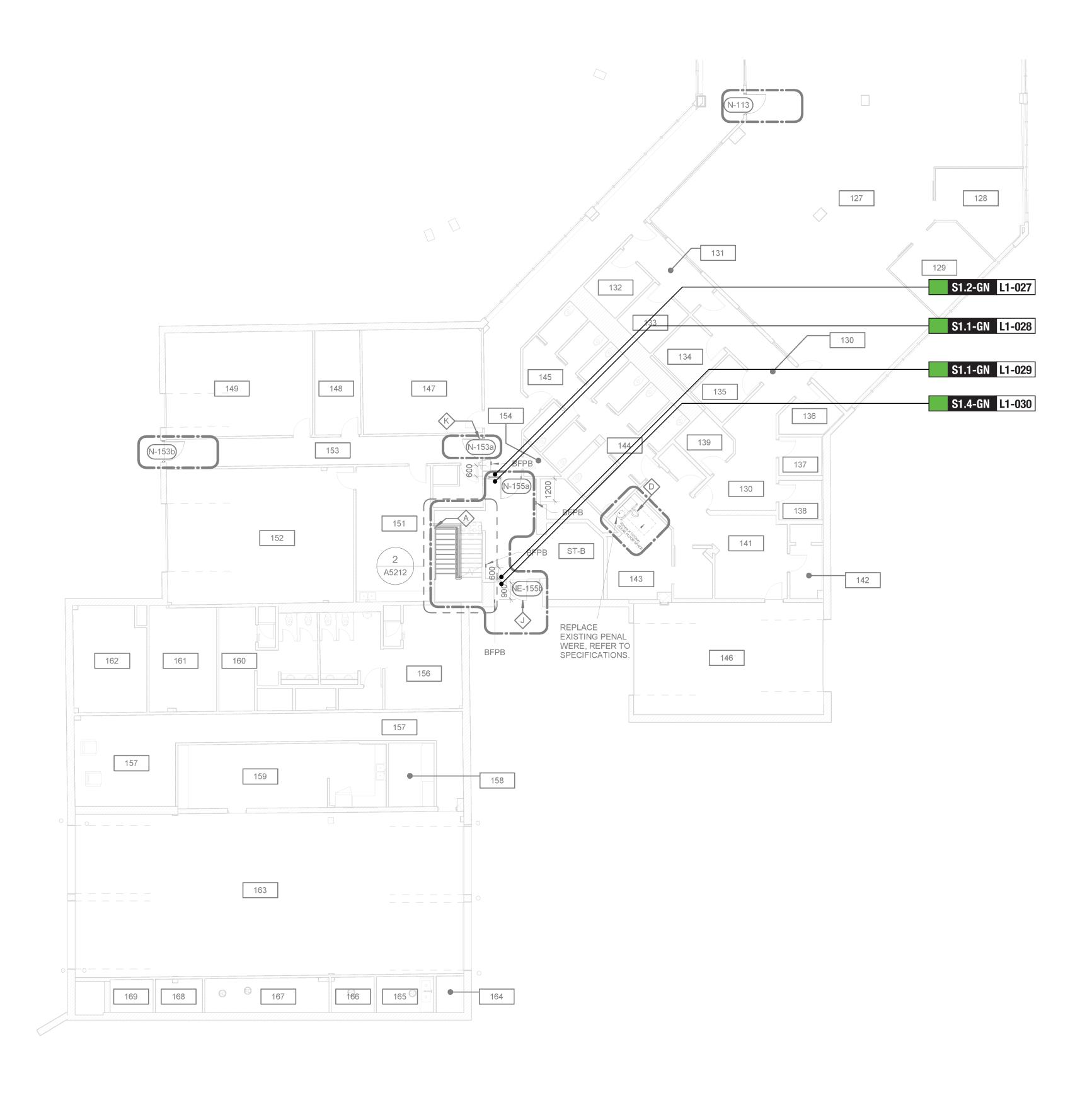


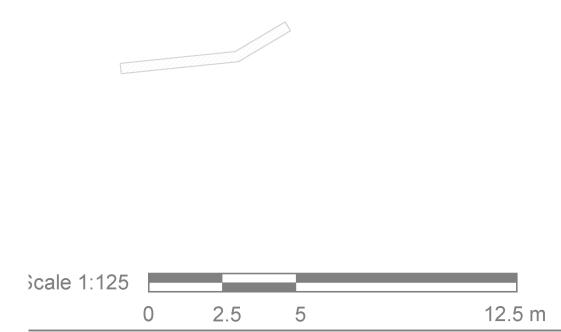


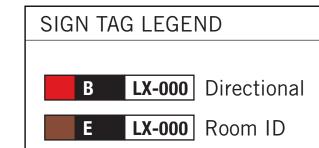




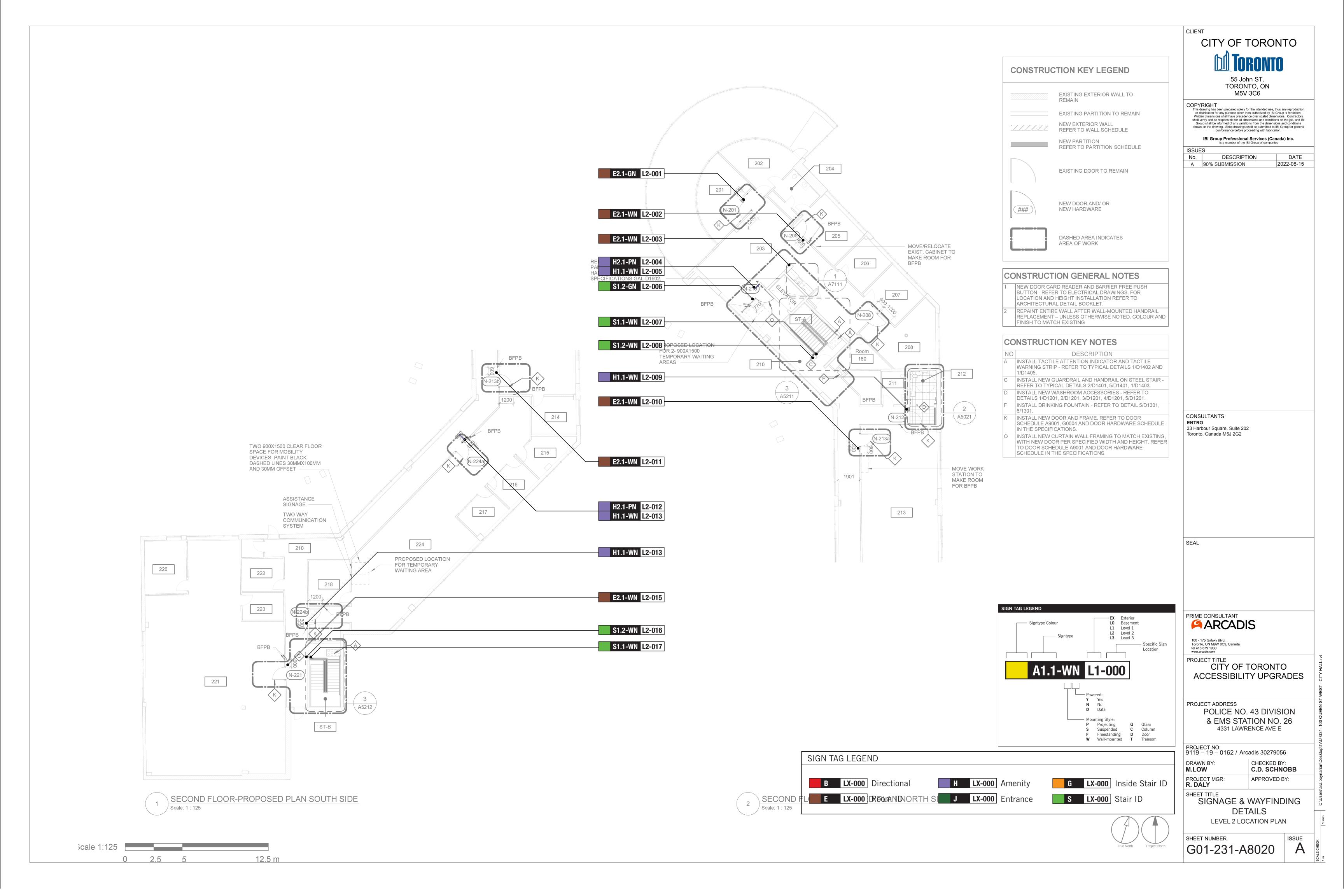
Scale 1:125				
	0	2.5	5	12.5 n







	CONSTRUCTION RET LEGEND	TORONTO
	EXISTING EXTERIOR WALL TO REMAIN	55 John ST. TORONTO, ON
	EXISTING PARTITION TO REMAIN	M5V 3C6 COPYRIGHT
	NEW EXTERIOR WALL REFER TO WALL SCHEDULE	This drawing has been prepared solely for the intended use, thus any reproduction or distribution for any purpose other than authorized by IBI Group is forbidden. Written dimensions shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job, and IBI
	NEW PARTITION REFER TO PARTITION SCHEDULE	Group shall be informed of any variations from the dimensions and conditions shown on the drawing. Shop drawings shall be submitted to IBI Group for general conformance before proceeding with fabrication.
	EXISTING DOOR TO REMAIN	IBI Group Professional Services (Canada) Inc. is a member of the IBI Group of companies ISSUES
		No.DESCRIPTIONDATEA90% SUBMISSION2022-08-15
	NEW DOOR AND/ OR	
	NEW HARDWARE	
	DASHED AREA INDICATES	
	AREA OF WORK	
	CONSTRUCTION GENERAL NOTES 1 NEW DOOR CARD READER AND BARRIER FREE PUSH 0 DUITTON 0 DEFEND TO ELECTRICAL DRAWINGS	
	BUTTON - REFER TO ELECTRICAL DRAWINGS. FOR LOCATION AND HEIGHT INSTALLATION REFER TO ARCHITECTURAL DETAIL BOOKLET.	
	2 REPAINT ENTIRE WALL AFTER WALL-MOUNTED HANDRAIL REPLACEMENT – UNLESS OTHERWISE NOTED. COLOUR AND FINISH TO MATCH EXISTING	
	CONSTRUCTION KEY NOTES	
	NO DESCRIPTION A INSTALL TACTILE ATTENTION INDICATOR AND TACTILE	
	WARNING STRIP - REFER TO TYPICAL DETAILS 1/D1402 AND 1/D1405.	
	 D INSTALL NEW WASHROOM ACCESSORIES - REFER TO DETAILS 1/D1201, 2/D1201, 3/D1201, 4/D1201, 5/D1201. J EXISTING DOOR TO REMAIN. DOOR HARDWARE TO BE 	
	CHANGED AS PER DOOR SCHEDULE ON A9001 AND DOOR HARDWARE SCHEDULE IN THE SPECIFICATIONS.	
	K INSTALL NEW DOOR AND FRAME. REFER TO DOOR SCHEDULE A9001, G0004 AND DOOR HARDWARE SCHEDULE IN THE SPECIFICATIONS.	
		33 Harbour Square, Suite 202 Toronto, Canada M5J 2G2
		Toronto, Canada M5J 2G2
		Toronto, Canada M5J 2G2
		Toronto, Canada M5J 2G2
	SIGN TAG LEGEND	Toronto, Canada M5J 2G2 SEAL
	Signtype Colour L0 Basement L1 Level 1	Toronto, Canada M5J 2G2
	Signtype Colour Signtype Colour Signtype Si	Toronto, Canada M5J 2G2 SEAL PRIME CONSULTANT
	Signtype Colour Signtype Colour Signtype Signtyp	SEAL PRIME CONSULTANT CONSULTANT CONSULTANT CONSULTANT CONSULTANT CONSULTANT CONSULTANT CONSULTANT CONSULTANT PROJECT TITLE PROJECT TITLE
	Signtype Colour Signtype Colour Signtype Si	SEAL PRIME CONSULTANT CONSUL
	Signtype Colour Signtype Colour Signtype Signtyp	Toronto, Canada M5J 2G2 SEAL PRIME CONSULTANT CONSULTAN
	Signtype Colour Signtype Colour Signtype Si	Toronto, Canada M5J 2G2 SEAL PRIME CONSULTANT CONSULTANT CONTON MAN 0009, Canada tel 46 679 1930 WW.arcada.com PROJECT TITLE CITY OF TORONTO ACCESSIBILITY UPGRADES PROJECT ADDRESS
	Signtype Colour Exterior Signtype L1 L2 Level 2 L3 Level 3 Cocation Specific Sign L0 Basement L1 Level 2 L3 Level 3 Cocation Location L0 Powered: Y Yes N No D Data Mounting Style: Projecting G Glass	Toronto, Canada M5J 2G2 SEAL PRIME CONSULTANT CONSULTANT CONTONE, ON MOW 009, Canada Id 16 679 1930 WW.arcada.com PROJECT TITLE CITY OF TORONTO ACCESSIBILITY UPGRADES PROJECT ADDRESS POLICE NO. 43 DIVISION & EMS STATION NO. 26
	Signtype Colour EX Exterior Signtype L1 L2 Level 2 L3 Level 3 Cocation Specific Sign Location Location Powered: Y Y Yes N No D Data Mounting Style: Mounting Style:	Toronto, Canada M5J 2G2 SEAL PRIME CONSULTANT CONSULTAN
	Signtype Colour Exterior Signtype I L1 Level 1 L2 Level 2 L3 Level 3 Specific Sign Location A1.1-WN L1-0000 Image: Powered: Y Y Yes N No D Data Mounting Style: P Projecting G Glass S Suspended C F Freestanding D	Toronto, Canada M5J 2G2 SEAL PRIME CONSULTANT CONSULTANT CONTONE, ON MOW 009, Canada Id 16 679 1930 WW.arcada.com PROJECT TITLE CITY OF TORONTO ACCESSIBILITY UPGRADES PROJECT ADDRESS POLICE NO. 43 DIVISION & EMS STATION NO. 26
	Signtype Colour Exterior Signtype I L1 Level 1 L2 Level 2 L3 Level 3 Specific Sign Location A1.1-WN L1-0000 Image: Powered: Y Y Yes N No D Data Mounting Style: P Projecting G Glass S Suspended C F Freestanding D	Toronto, Canada M5J 2G2 SEAL PRIME CONSULTANT CONSULTAN
	Signtype Colour Exterior Signtype Signtype Signtype Specific Sign A1.1-WN L1-0000 Powered: Yes No Data Mounting Style: Column Projecting Column Freestanding Door Wall-mounted Transom	Toronto, Canada M5J 2G2 SEAL PRIME CONSULTANT PROJECT TITLE PROJECT TITLE PROJECT ADDRESS POLICE NO. 43 DIVISION & EMS STATION NO. 26 4331 LAWRENCE AVE E PROJECT NO: 9119 – 19 – 0162 / Arcadis 30279056 DRAWN BY: CHECKED BY: MLOW CAPROVED BY: R. DALY APPROVED BY:
LX-000	Amenity G LX-000 Signtype Signty	Toronto, Canada M5J 2G2 SEAL PRIME CONSULTANT PROJECT NO: PROJECT ADDRESS PROJECT ADDRESS POLICE NO. 43 DIVISION & EMS STATION NO. 26 4331 LAWRENCE AVE E PROJECT NO: 9119 - 19 - 0162 / Arcadis 30279056 DRAWN BY: CHECKED BY: MLOW CHECKED BY: R. DALY APPROVED BY: SHEET TITLE SIGNAGE & WAYFINDING
	Amenity G LX-000 Signtype Signty	Toronto, Canada M5J 2G2 SEAL PRIME CONSULTANT PROJECT NDIA Toronto, ON MONY DOL, Canada Www.aradia.com PROJECT ADDRESS PROJECT ADDRESS POLICE NO. 43 DIVISION & EMS STATION NO. 26 4331 LAWRENCE AVE E PROJECT NO: 9119 - 19 - 0162 / Arcadis 30279056 DRAWN BY: CHECKED BY: M.LOW CHECKED BY: SHEET TITLE



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



ΝΤΥΡΕ	SIGN TYPE DESCRIPTION	COUNT
31.1	Directional	0
E2.1	Room ID	17
E2.2	Line Room ID	0
E4	Insert Holder	
		0
41.1	Amenity ID	
		9
42.1	Projecting Amenity ID	
16.1	Trojecting Amenity 12	6
J4.2	Accessible Entrance ID - Exterior	
	Exterior	3
\$1.1	Stair ID - Inside Stairwell	8
51.2	Stair ID - Corridor Side	8
51.2 51.3	Stair ID - Corridor Side Stair ID - Roof Exit,	0
51.5	Inside Stairwell	0
51.4	Stair ID - Exterior Door	0
al		51

55 John ST. TORONTO, ON M5V 3C6	
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ISSUES No. DESCRIPTION	DATE 022-08-15
CONSULTANTS	
ENTRO 33 Harbour Square, Suite 202 Toronto, Canada M5J 2G2	
SEAL	
PRIME CONSULTANT PRIME CONSULTANT PRIME CONSULTANT 100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930	
www.arcadis.com PROJECT TITLE CITY OF TORONT(ACCESSIBILITY UPGR)	
PROJECT ADDRESS POLICE NO. 43 DIVIS & EMS STATION NO. 4331 LAWRENCE AVE E	
PROJECT NO: 9119 – 19 – 0162 / Arcadis 3027905 DRAWN BY: CHECKED B' M.LOW C.D. SCHN	Y: IOBB
PROJECT MGR: R. DALY SHEET TITLE SIGNAGE & WAYFINE DETAILS	
MESSAGE SCHEDU SHEET NUMBER G01-356-A8100	

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

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ISSUES No. DESCRIPTION A 90% SUBMISSION	DATE 2022-08-15
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SEAL	
PRIME CONSULTANT	
100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com PROJECT TITLE CITY OF TORC ACCESSIBILITY UP	-
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	279056 ED BY: CHNOBB
PROJECT MGR: APPRO R. DALY SHEET TITLE SIGNAGE & WAYF DETAILS MESSAGE SCHE	
SHEET NUMBER G01-356-A810	1 ISSUE

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

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SEAL	
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PROJECT TITLE CITY OF TORONT ACCESSIBILITY UPGR	-
PROJECT ADDRESS POLICE NO. 43 DIVIS & EMS STATION NO. 4331 LAWRENCE AVE E	
PROJECT NO: 9119 – 19 – 0162 / Arcadis 3027905 DRAWN BY: M.LOW C.D. SCHN	Y:
PROJECT MGR: R. DALY SHEET TITLE SIGNAGE & WAYFINE	
DETAILS MESSAGE SCHEDU	
sheet NUMBER G01-356-A8102	ISSUE

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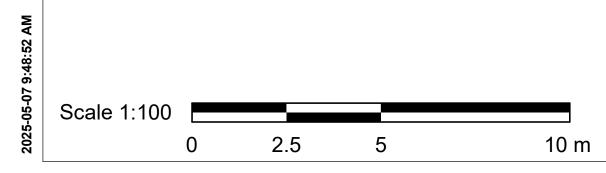
					SIDE A	SIDE B		
KEYPLAN	SIGN CODE	LEVEL	LOC #	SIGN TYPE DESCRIPTION	MESSAGE (English)	MESSAGE (English)	STATUS	REV. DATE
	S1.2	L2	016		[stairs picto] Floor 2 Braille Stairwell B TBD Braille			
	S1.1	L2	017		Floor 2 Braille Stairwell B TBD Braille			

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Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com PROJECT TITLE CITY OF TORON ACCESSIBILITY UPGI	_
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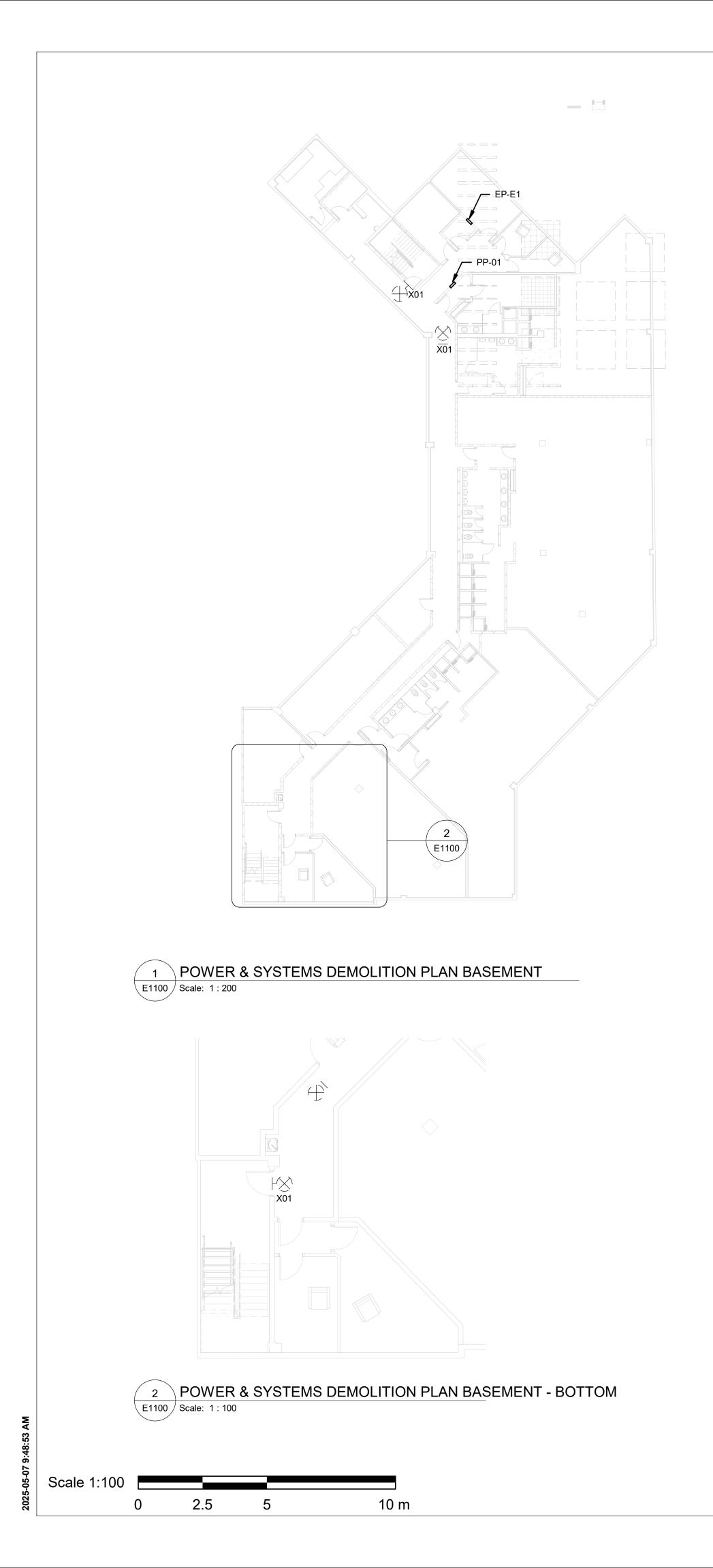
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ELECTRICAL DRAWING LIST

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



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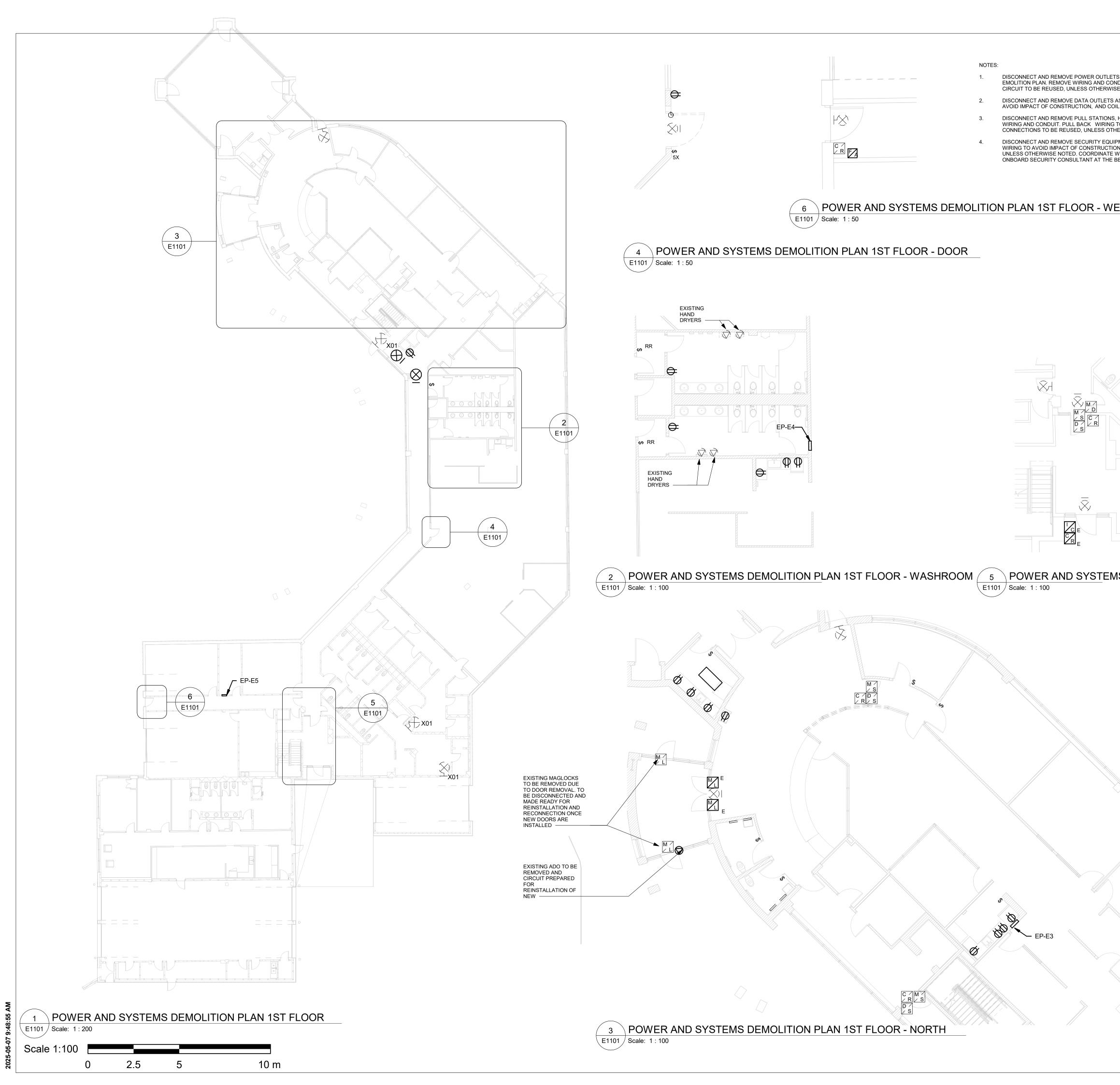
1. DISCONNECT AND REMOVE POWER OUTLETS, EXIT SIGNS, LIGHTS, OCCUPANCY SENSORS, AND LIGHT SWITCHES, AS NOTED ON ELECTRICAL DEMOLITION PLAN. REMOVE WIRING AND CONDUIT. PULL BACK WIRING TO NEAREST JUNCTION BOX, AND COIL UP. MAKE SAFE. EXISTING WIRING AND CIRCUIT TO BE REUSED, UNLESS OTHERWISE NOTED.

 DISCONNECT AND REMOVE DATA OUTLETS AS NOTED ON ELECTRICAL DEMOLITION PLAN. REMOVE WIRING AND CONDUIT. PULL BACK WIRING TO AVOID IMPACT OF CONSTRUCTION, AND COIL UP. MAKE SAFE. EXISTING WIRING TO BE REUSED, UNLESS OTHERWISE NOTED.
 DISCONNECT AND REMOVE PULL STATIONS, HEAT DETECTORS, AND STROBE DETECTORS AS NOTED ON ELECTRICAL DEMOLITION PLAN. REMOVE WIRING AND CONDUIT. PULL BACK WIRING TO AVOID IMPACT OF CONSTRUCTION, AND COIL UP. MAKE SAFE. EXISTING DEVICE AND EXISTING CONNECTIONS TO BE REUSED, UNLESS OTHERWISE NOTED.

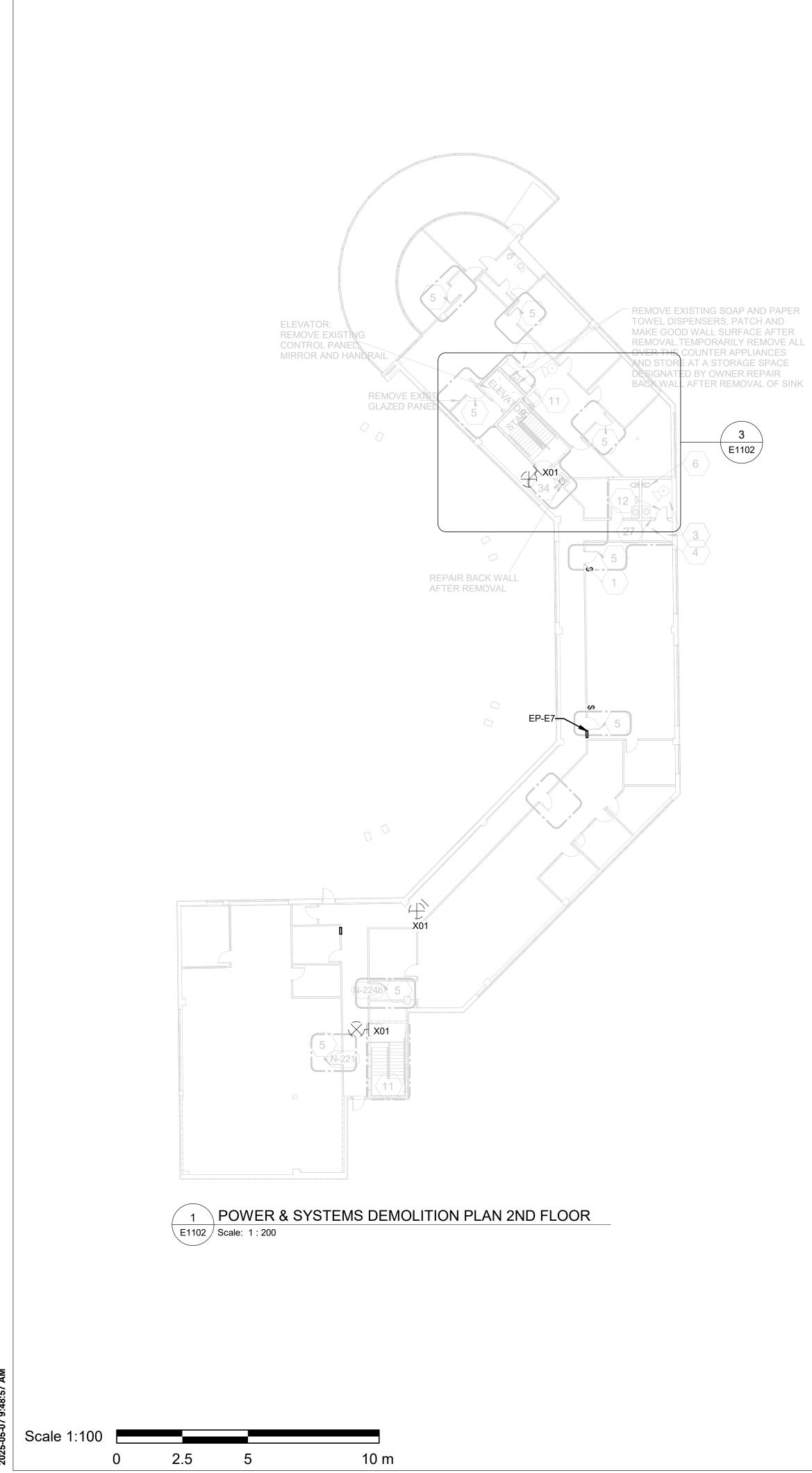
WIRING AND CONDUIT. PULL BACK WIRING TO AVOID IMPACT OF CONSTRUCTION, AND COLL UP. MAKE SAFE. EXISTING DEVICE AND EXISTING CONNECTIONS TO BE REUSED, UNLESS OTHERWISE NOTED.
 4. DISCONNECT AND REMOVE CARD READERS AS NOTED ON ELECTRICAL DEMOLITION PLAN. REMOVE WIRING AND CONDUIT. PULL BACK WIRING TO AVOID IMPACT OF CONSTRUCTION, AND COLL UP. MAKE SAFE. EXISTING DEVICE AND EXISTING CONNECTIONS TO BE REUSED, UNLESS OTHERWISE NOTED.
 4. DISCONNECT AND REMOVE CARD READERS AS NOTED ON ELECTRICAL DEMOLITION PLAN. REMOVE WIRING AND CONDUIT. PULL BACK WIRING TO AVOID IMPACT OF CONSTRUCTION, AND COLL UP. MAKE SAFE. EXISTING DEVICE AND EXISTING CONNECTIONS TO BE REUSED, UNLESS OTHERWISE NOTED. COORDINATE WITH CORPORATE SECURITY BEFORE DISCONNECTING AND RELOCATING SECURITY DEVICES. ONBOARD SECURITY CONSULTANT AT THE DEVINUE.

BEGINNING OF CONSTRUCTION.

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C	Corporate Real Estate Man Project Management O	ffice
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AS NOTED ON ELECTRICAL DEMOLITION PLAN. REMOVE WIRING AND CONDUIT. PULL BACK WIRING TO IL UP. MAKE SAFE. EXISTING WIRING TO BE REUSED, UNLESS OTHERWISE NOTED.	Corporate Real Estate Management Project Management Office Metro Hall Toronto, ON
, HEAT DETECTORS, AND STROBE DETECTORS AS NOTED ON ELECTRICAL DEMOLITION PLAN. REMOVE TO AVOID IMPACT OF CONSTRUCTION, AND COIL UP. MAKE SAFE. EXISTING DEVICE AND EXISTING HERWISE NOTED.	M5V 3C6 COPYRIGHT This drawing has been prepared solely for the intended use, thus any reproduction or distribution for any purpose other than authorized by IBI Group is forbidden.
PMENT AS NOTED ON ELECTRICAL DEMOLITION PLAN. REMOVE WIRING AND CONDUIT. PULL BACK ON, AND COIL UP. MAKE SAFE. EXISTING DEVICE AND EXISTING CONNECTIONS TO BE REUSED, WITH CORPORATE SECURITY BEFORE DISCONNECTING AND RELOCATING SECURITY DEVICES. BEGINNING OF CONSTRUCTION.	or distribution for any purpose other than authorized by IBI Group is forbidden. Written dimensions shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job, and IBI Group shall be informed of any variations from the dimensions and conditions shown on the drawing. Shop drawings shall be submitted to IBI Group for general conformance before proceeding with fabrication.
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EST DOOR	ISSUES No. DESCRIPTION DATE A 50% SUBMISSION 2022-05-11
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	CONSULTANTS
IS DEMOLITION PLAN 1ST FLOOR - SOUTHERN DOORS	
	SEAL
	PRIME CONSULTANT
	100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com
	PROJECT TITLE CITY OF TORONTO ACCESSIBILITY UPGRADES
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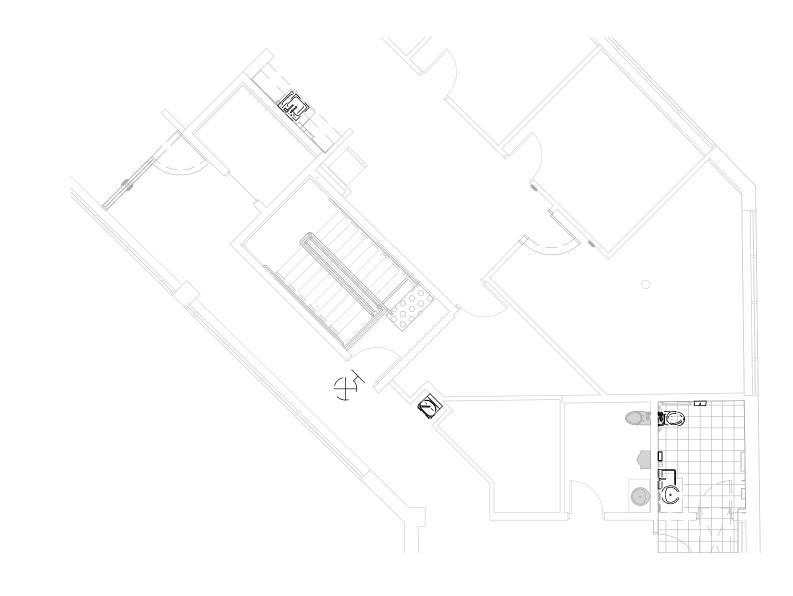


NOTES:

1. DISCONNECT AND REMOVE POWER OUTLETS, EXIT SIGNS, LIGHTS, OCCUPANCY SENSORS, AND LIGHT SWITCHES, AS NOTED ON ELECTRICAL DEMOLITION PLAN. REMOVE WIRING AND CONDUIT. PULL BACK WIRING TO NEAREST JUNCTION BOX, AND COIL UP. MAKE SAFE. EXISTING WIRING AND CIRCUIT TO BE REUSED, UNLESS OTHERWISE NOTED. 2. DISCONNECT AND REMOVE DATA OUTLETS AS NOTED ON ELECTRICAL DEMOLITION PLAN. REMOVE WIRING AND CONDUIT. PULL BACK WIRING TO AVOID IMPACT OF CONSTRUCTION, AND COIL UP. MAKE SAFE. EXISTING WIRING TO BE REUSED, UNLESS OTHERWISE NOTED.

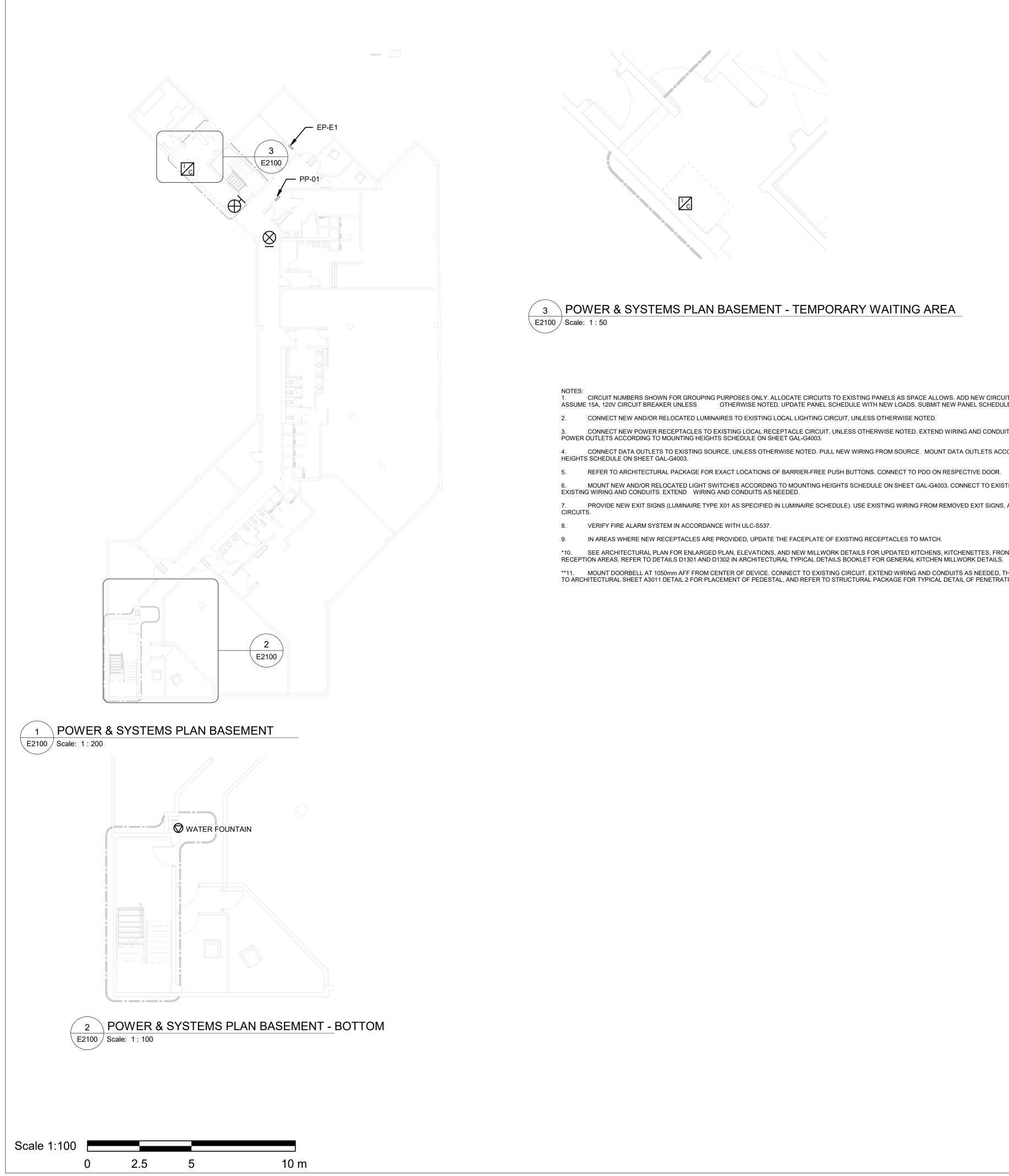
3. DISCONNECT AND REMOVE PULL STATIONS, HEAT DETECTORS, AND STROBE DETECTORS AS NOTED ON ELECTRICAL DEMOLITION PLAN. REMOVE WIRING AND CONDUIT. PULL BACK WIRING TO AVOID IMPACT OF CONSTRUCTION, AND COIL UP. MAKE SAFE. EXISTING DEVICE AND EXISTING CONNECTIONS TO BE REUSED, UNLESS OTHERWISE NOTED.

4. DISCONNECT AND REMOVE CARD READERS AS NOTED ON ELECTRICAL DEMOLITION PLAN. REMOVE WIRING AND CONDUIT. PULL BACK WIRING TO AVOID IMPACT OF CONSTRUCTION, AND COIL UP. MAKE SAFE. EXISTING DEVICE AND EXISTING CONNECTIONS TO BE REUSED, UNLESS OTHERWISE NOTED. COORDINATE WITH SECURITY BEFORE DISCONNECTING AND RELOCATING SECURITY DEVICES. ONBOARD SECURITY CONSULTANT AT THE BEGINNING OF CONSTRUCTION.





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ISSUE	IBI Group Professional S is a member of the IBI G	Group of companies) INC.
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3 POWER & SYSTEMS PLAN BASEMENT - TEMPORARY WAITING AREA

 1.
 CIRCUIT NUMBERS SHOWN FOR GROUPING PURPOSES ONLY. ALLOCATE CIRCUITS TO EXISTING PANELS AS SPACE ALLOWS. ADD NEW CIRCUIT BREAKERS AS REQUIRED

 ASSUME 15A, 120V CIRCUIT BREAKER UNLESS
 OTHERWISE NOTED. UPDATE PANEL SCHEDULE WITH NEW LOADS. SUBMIT NEW PANEL SCHEDULE AS SHOP DRAWING.

3. CONNECT NEW POWER RECEPTACLES TO EXISTING LOCAL RECEPTACLE CIRCUIT, UNLESS OTHERWISE NOTED. EXTEND WIRING AND CONDUITS AS NEEDED. MOUNT POWER OUTLETS ACCORDING TO MOUNTING HEIGHTS SCHEDULE ON SHEET GAL-G4003.

4. CONNECT DATA OUTLETS TO EXISTING SOURCE, UNLESS OTHERWISE NOTED. PULL NEW WIRING FROM SOURCE. MOUNT DATA OUTLETS ACCORDING TO MOUNTING

5. REFER TO ARCHITECTURAL PACKAGE FOR EXACT LOCATIONS OF BARRIER-FREE PUSH BUTTONS. CONNECT TO PDO ON RESPECTIVE DOOR.

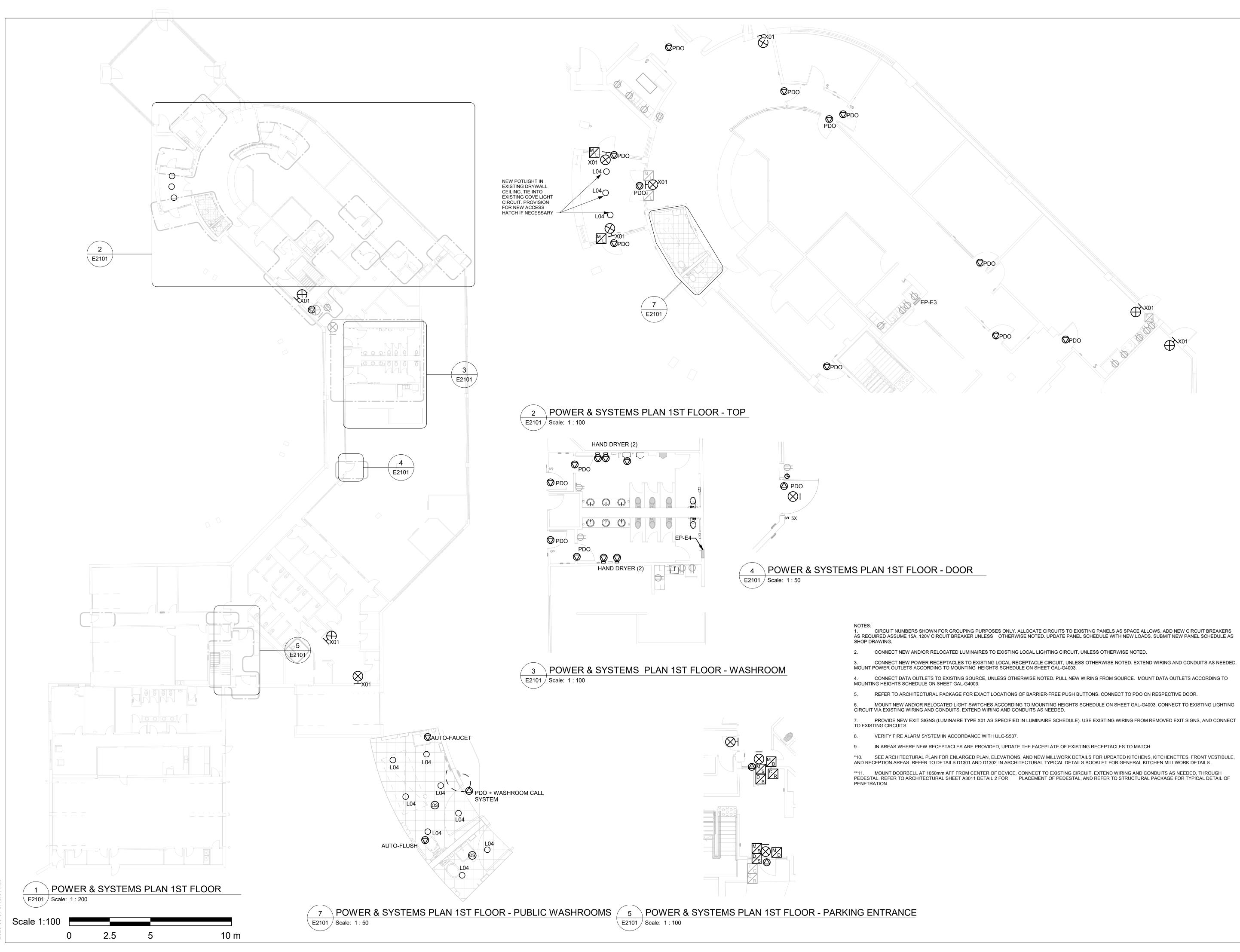
6. MOUNT NEW AND/OR RELOCATED LIGHT SWITCHES ACCORDING TO MOUNTING HEIGHTS SCHEDULE ON SHEET GAL-G4003. CONNECT TO EXISTING LIGHTING CIRCUIT VIA EXISTING WIRING AND CONDUITS. EXTEND WIRING AND CONDUITS AS NEEDED. PROVIDE NEW EXIT SIGNS (LUMINAIRE TYPE X01 AS SPECIFIED IN LUMINAIRE SCHEDULE). USE EXISTING WIRING FROM REMOVED EXIT SIGNS, AND CONNECT TO EXISTING

IN AREAS WHERE NEW RECEPTACLES ARE PROVIDED, UPDATE THE FACEPLATE OF EXISTING RECEPTACLES TO MATCH.

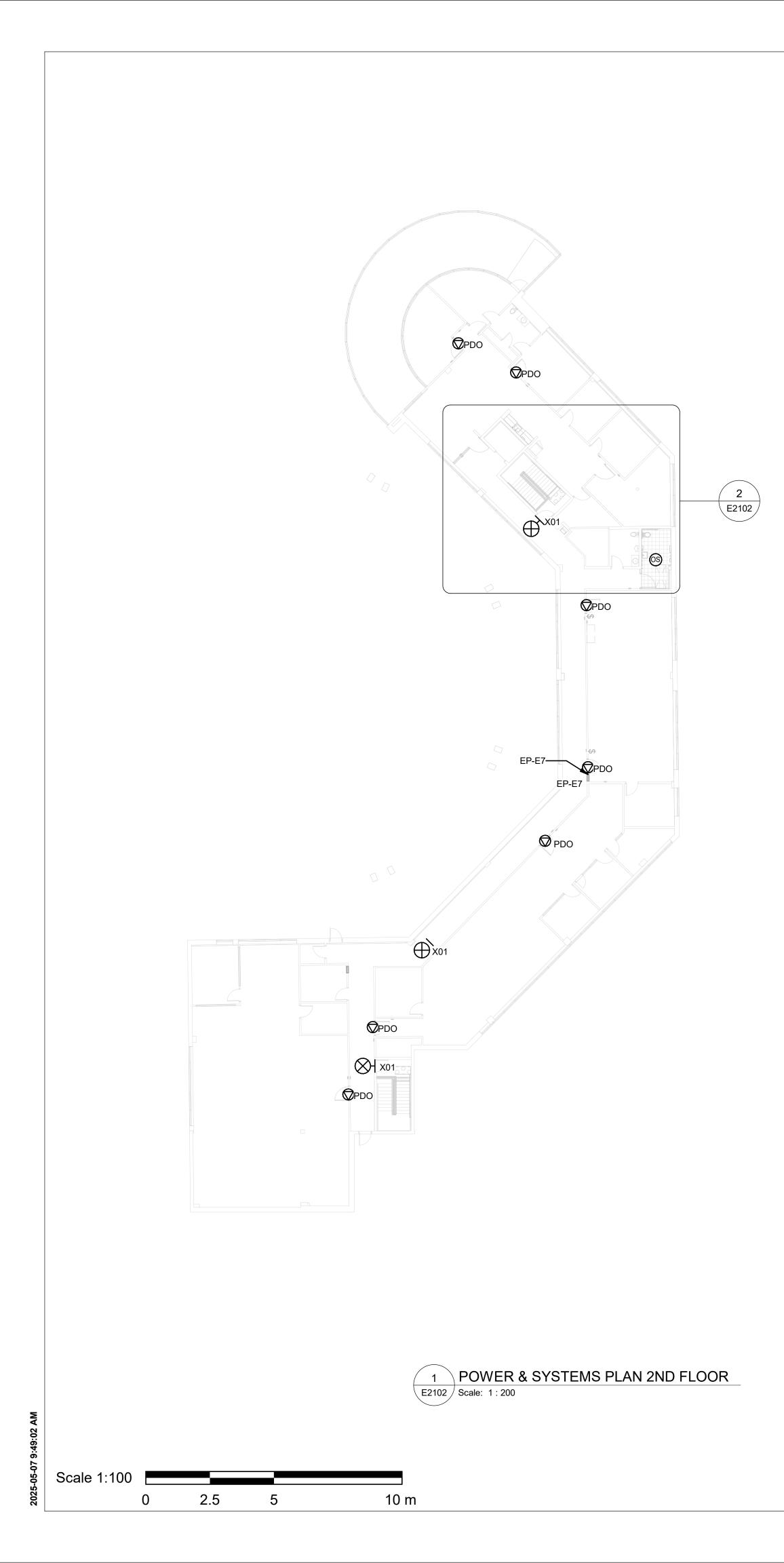
*10. SEE ARCHITECTURAL PLAN FOR ENLARGED PLAN, ELEVATIONS, AND NEW MILLWORK DETAILS FOR UPDATED KITCHENS, KITCHENETTES, FRONT VESTIBULE, AND

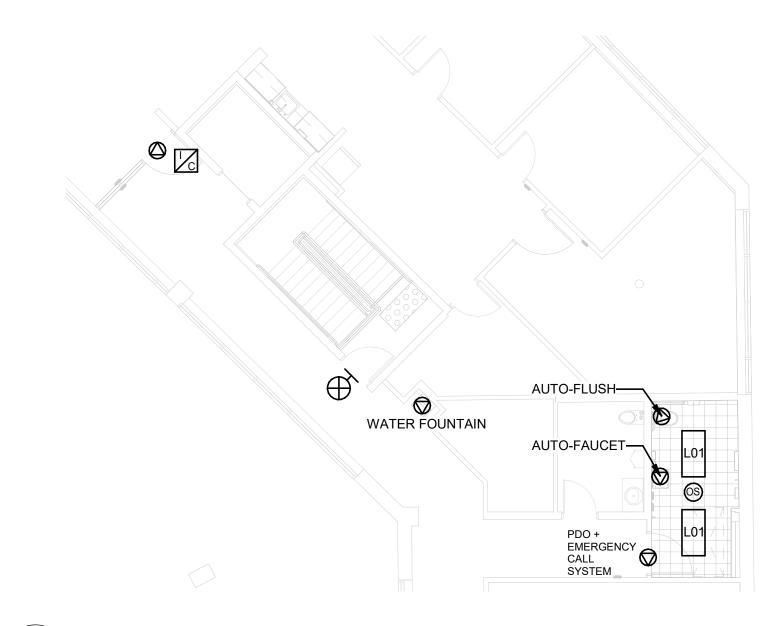
**11. MOUNT DOORBELL AT 1050mm AFF FROM CENTER OF DEVICE. CONNECT TO EXISTING CIRCUIT. EXTEND WIRING AND CONDUITS AS NEEDED, THROUGH PEDESTAL. REFER TO ARCHITECTURAL SHEET A3011 DETAIL 2 FOR PLACEMENT OF PEDESTAL, AND REFER TO STRUCTURAL PACKAGE FOR TYPICAL DETAIL OF PENETRATION.

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

NOTES: 1. CIRCUIT NUMBERS SHOWN FOR GROUPING PURPOSES ONLY. ALLOCATE CIRCUITS TO EXISTING PANELS AS SPACE ALLOWS. ADD NEW CIRCUIT BREAKERS AS REQUIRED ASSUME 15A, 120V CIRCUIT BREAKER UNLESS OTHERWISE NOTED. UPDATE PANEL SCHEDULE WITH NEW LOADS. SUBMIT NEW PANEL SCHEDULE AS SHOP DRAWING.

2. CONNECT NEW AND/OR RELOCATED LUMINAIRES TO EXISTING LOCAL LIGHTING CIRCUIT, UNLESS OTHERWISE NOTED.

3. CONNECT NEW POWER RECEPTACLES TO EXISTING LOCAL RECEPTACLE CIRCUIT, UNLESS OTHERWISE NOTED. EXTEND WIRING AND CONDUITS AS NEEDED. MOUNT POWER OUTLETS ACCORDING TO MOUNTING HEIGHTS SCHEDULE ON SHEET GAL-G4003.

4. CONNECT DATA OUTLETS TO EXISTING SOURCE, UNLESS OTHERWISE NOTED. PULL NEW WIRING FROM SOURCE. MOUNT DATA OUTLETS ACCORDING TO MOUNTING HEIGHTS SCHEDULE ON SHEET GAL-G4003.

5. REFER TO ARCHITECTURAL PACKAGE FOR EXACT LOCATIONS OF BARRIER-FREE PUSH BUTTONS. CONNECT TO PDO ON RESPECTIVE DOOR.

MOUNT NEW AND/OR RELOCATED LIGHT SWITCHES ACCORDING TO MOUNTING HEIGHTS SCHEDULE ON SHEET GAL-G4003. CONNECT TO EXISTING LIGHTING CIRCUIT VIA EXISTING WIRING AND CONDUITS. EXTEND WIRING AND CONDUITS AS NEEDED.
 PROVIDE NEW EXIT SIGNS (LUMINAIRE TYPE X01 AS SPECIFIED IN LUMINAIRE SCHEDULE). USE EXISTING WIRING FROM REMOVED EXIT SIGNS, AND CONNECT

7. PROVIDE NEW EXIT SIGNS (LUMINAIRE TYPE X01 AS SPECIFIED IN LUMINAIRE SCHEDULE). USE EXISTING WIRING FROM REMOVED EXIT SIGNS, AND CONNECTO EXISTING CIRCUITS.

8. VERIFY FIRE ALARM SYSTEM IN ACCORDANCE WITH ULC-S537 WHEN IMPACTING EXISTING CIRCUITS

9. IN AREAS WHERE NEW RECEPTACLES ARE PROVIDED, UPDATE THE FACEPLATE OF EXISTING RECEPTACLES TO MATCH.

*10. SEE ARCHITECTURAL PLAN FOR ENLARGED PLAN, ELEVATIONS, AND NEW MILLWORK DETAILS FOR UPDATED KITCHENS, KITCHENETTES, FRONT VESTIBULE, AND RECEPTION AREAS. REFER TO DETAILS D1301 AND D1302 IN ARCHITECTURAL TYPICAL DETAILS BOOKLET FOR GENERAL KITCHEN MILLWORK DETAILS.
 **11. MOUNT DOORBELL AT 1050mm AFF FROM CENTER OF DEVICE. CONNECT TO EXISTING CIRCUIT. EXTEND WIRING AND CONDUITS AS NEEDED, THROUGH PEDESTAL, REFER TO ARCHITECTURAL SHEET A3011 DETAIL 2 FOR PLACEMENT OF PEDESTAL, AND REFER TO STRUCTURAL PACKAGE FOR TYPICAL

PEDESTAL. REFER TO ARCHITECTURAL SHEET A3011 DETAIL 2 FOR PLACEMENT OF PEDESTAL, AND REFER TO STRUCTURAL PACKAGE FOR TYPICAL DETAIL OF PENETRATION.

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