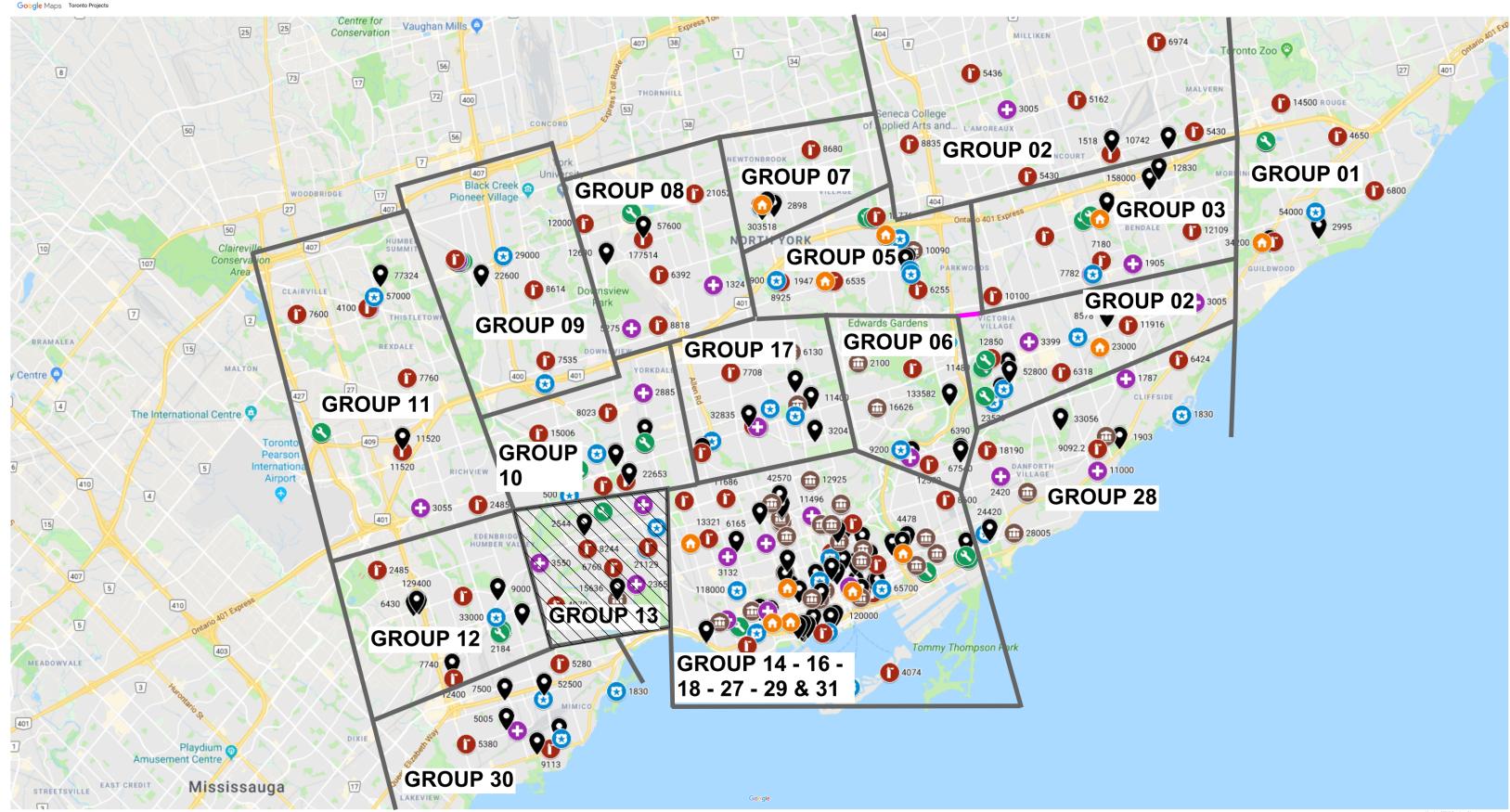
CITY OF TORONTO ACCESSIBILITY UPGRADES GROUP 5

9119- 19- 0162 / Arcadis 30279056



022-12-07 5-47-18 F

	COVER PAGE (
SHEET #	
G05-GAL-G1001	COVER PAGE, GENERAL DRAW

GENERAL LAYOU	
	SHEET #
ARCHITECTURAL GENERAL NO	G05-GAL-G1002
WALL TYPES	G05-GAL-G1003
DOOR TYPES	G05-GAL-G1004
STRUCTURAL GENERAL NOTE	G05-GAL-G2001
ABBREVIATIONS & SYMBOLES	G05-GAL-G2002
MECHANICAL LEGEND SHEET	G05-GAL-G3001
MECHANICAL LEGEND SHEET	G05-GAL-G3002
ELECTRICAL LEGEND SHEET 1	G05-GAL-G4001
ELECTRICAL LEGEND SHEET 2	G05-GAL-G4002
ELECTRICAL GENERAL NOTES	G05-GAL-G4003

	GROUP 05 BUI	LC
SERIAL #	BUILDING ADDRESS	
1	10 WILLIAM CARSON CRESCENT	
10	1026 FINCH AVE. W	
30	125 MOATFIELD DR	
48	14 DYAS RD	
59	143 BOND AVE.	
83	160 DUNCAN MILL RD.	
143	2545 BAYVIEW AVE.	
175	300 LESMILL RD.	
249	50 UPJOHN RD.	

TOUCH AND FEE

TYPICAL DETAIL

Map data 62019 Google 2 km._____

NOT



	CITY OF TORONTO
ROUP 05	
SHEET TITLE	TORONTO
IG LIST, BUILDING LIST	
	55 John ST. TORONTO, ON M5V 3C6
GROUP 05	ISSUES No. DESCRIPTION DATE
SHEET TITLE	A 50% SUBMISSION 2022-01-20 B 90% SUBMISSION 2022-02-22 C ISSUED FOR PERMIT 2022-03-18
S, ABBREVIATIONS & REFERENCE SYMBOLS	D ISSUED FOR TENDER 2025-04-11
0F 2	
DF 2	
F 2	
= 2	
NG INDEX	
BUILDING DESCRIPTION	
FIRE HALL NO. 121	
FINCH YARD BLDG A	
DAVID DUNCAN HOUSE - RESTAURANT	
CITY CLERK'S RECORDS CENTRE	
FIRE HALL NO. 123	
BUILDING	
FIRE HALL NO. 122	
BUILDING	
POLICE NO. 33 DIVISION	
BOOKLET	
BOOKLET	
	PRIME CONSULTANT
OR CONSTRUCTION	100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com
	PROJECT NO: 9119- 19- 0162 / Arcadis 30279056
	DATE: 2025-04-11
FOR TENDER	SHEET NUMBER ISSUE

ABBREVIATIONS

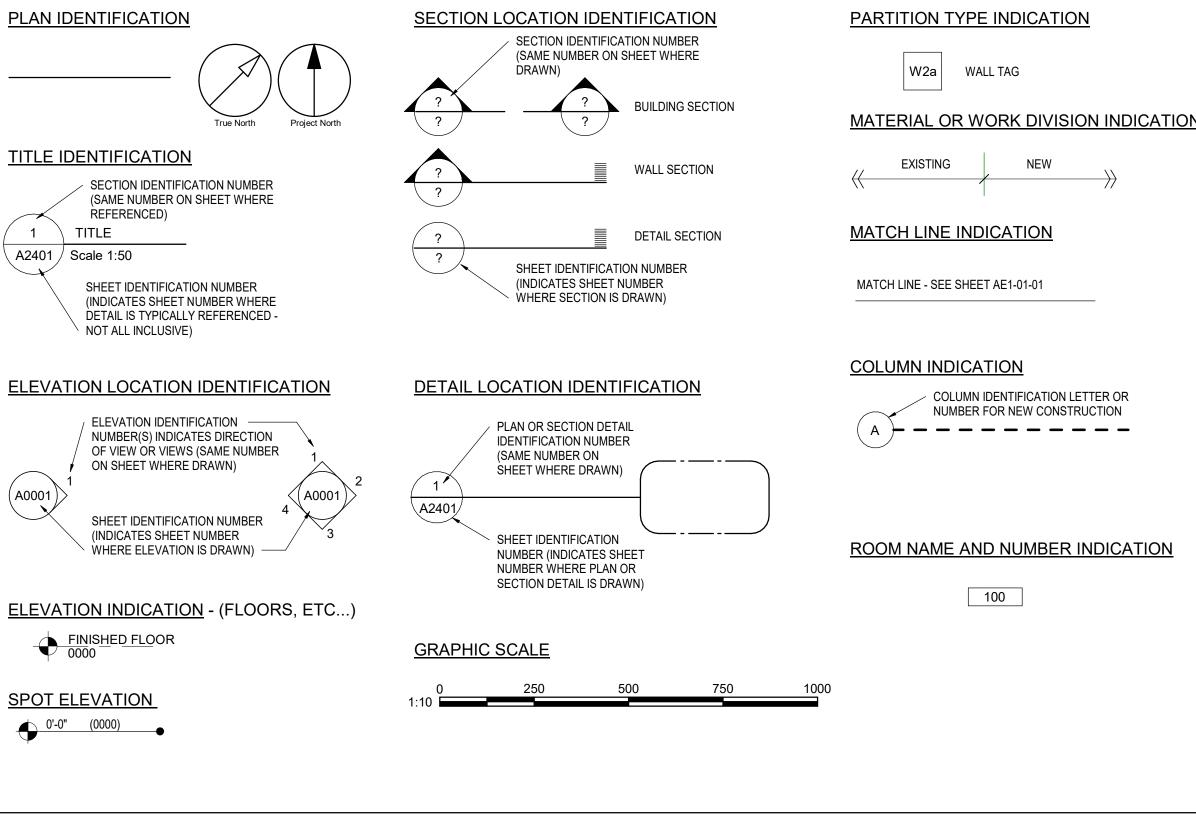
@ A	AT ANGLE	ECB ECS
A/C	AIR CONDITIONER / CONDITIONING	EF
ABV ACCS	ABOVE ACCESSORIES	EIFS
ACSDR ACSFLR		EJ EL
ACST /	ACOUSTICAL	ELEC
ACOUS ACT	ACOUSTICAL CEILING TILE	ELEV EMER
AD ADA	AREA DRAIN AMERICANS WITH DISABILITIES ACT	EMF ENCL
ADDL	ADDITIONAL	ENG
ADDM ADJ	ADDENDUM ADJUSTABLE / ADJACENT	EOD 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 FOOT POUNDS PER SQUARE INCH PAINT PAPER TOWEL DISPENSER PAPER TOWEL DISPENSER & WASTE 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

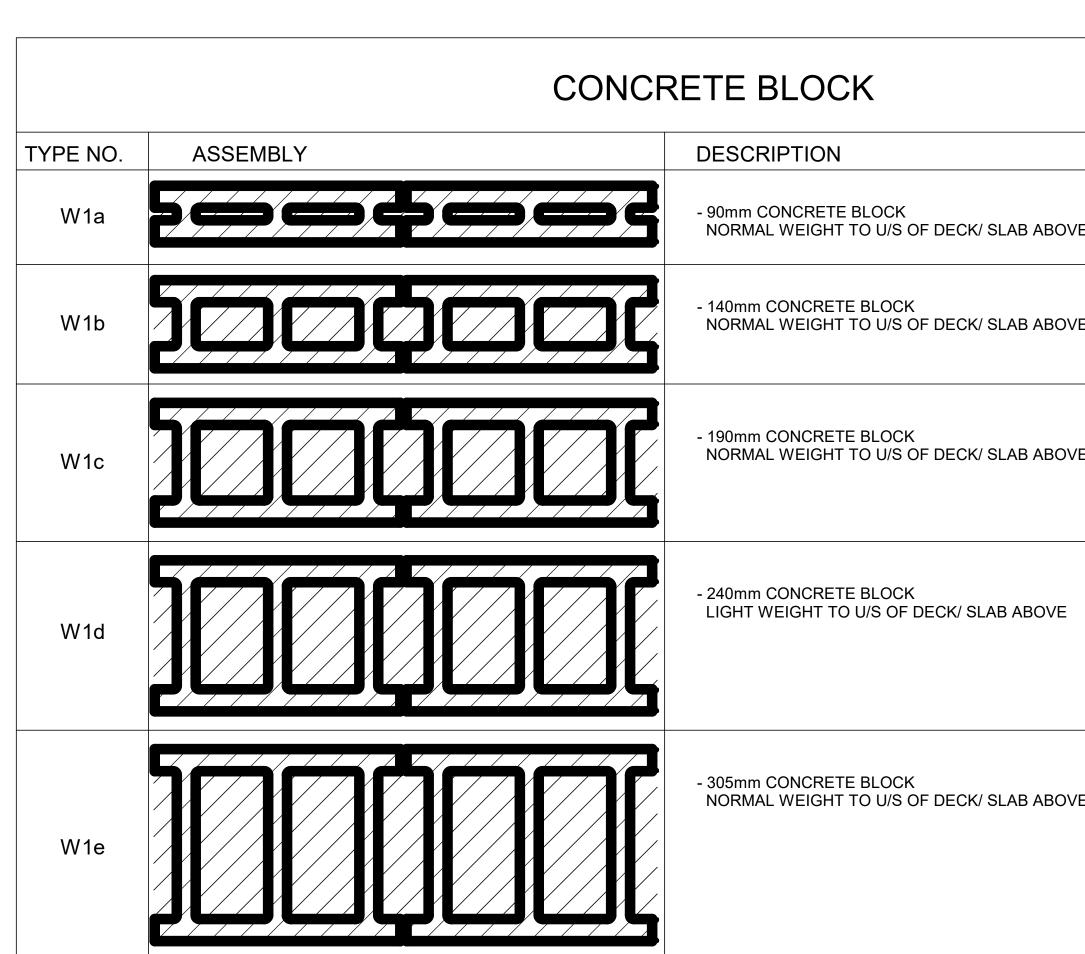
REFERENCE SYMBOLS



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.

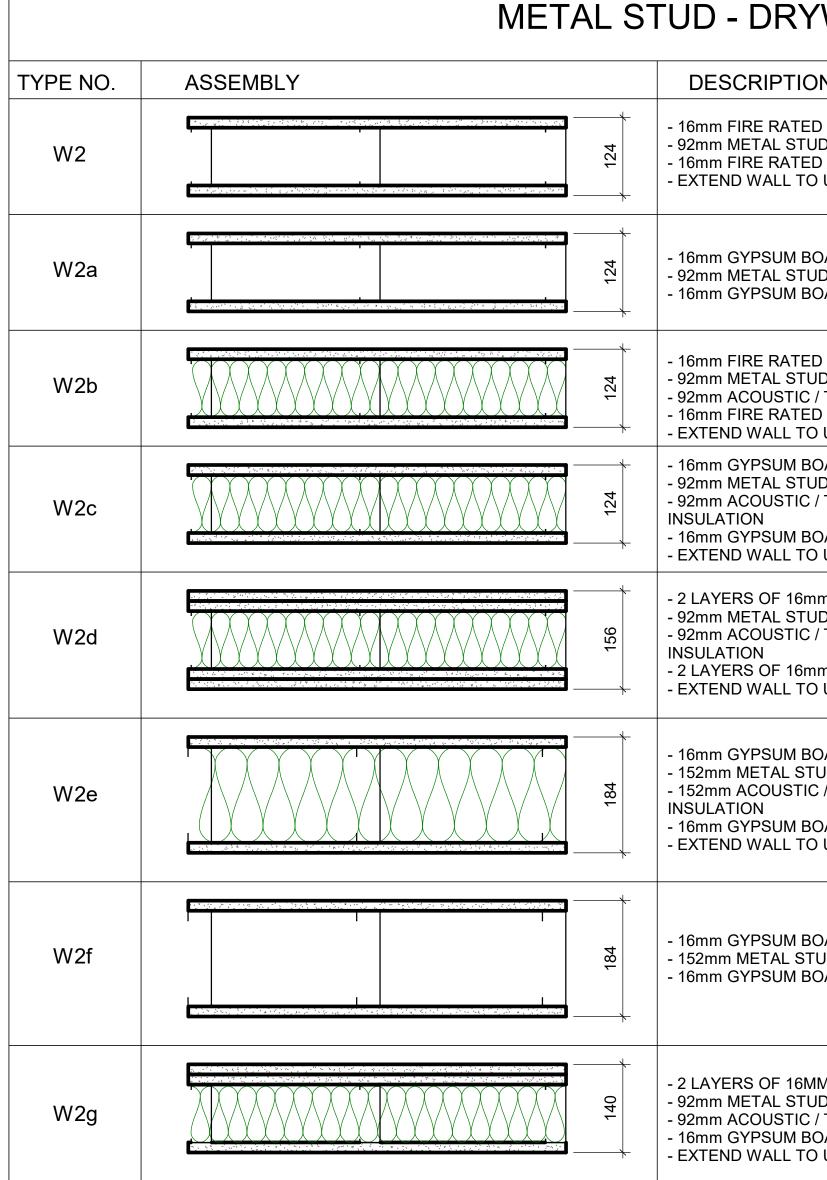
	NEW DOOR NUMBER INDICATION	KEYED NOTE SYMBOLS	Corporate Real Estate Management	
	(100)	1 DEMOLITION WORK	Project Management Office Metro Hall Toronto, ON M5V 3C6	
<u>1</u>	WINDOW NUMBER INDICATION	1 NEW WORK	COPYRIGHT This drawing has been prepared solely for the intended use, thus any reproduction or 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	
	(W101)		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.	
	LOUVER NUMBER INDICATION	FLOOR FINISH TAG	is a member of the IBI Group of companies ISSUES No. DESCRIPTION DATE A 50% SUBMISSION 2022-01-2	
	CEILING TAG		A 30% SOBMISSION 2022-01-2 B 90% SUBMISSION 2022-02-2 C ISSUED FOR PERMIT 2022-03-1 D ISSUED FOR TENDER 2025-04-7	22 18
	HEIGHT AFF	<u></u>		
	ROOF OR RAMP PITCH INDICATION			
	6			
	ROOF OR RAMP SLOPE INDICATION	ET NUMBER		
RAF	T AND ANY OTHER APPLICABLE REQUIREMENT OF AU	ITHORITIES HAVING JURISDICTION	CONSULTANTS	
T C	ONSULTANT DRAWINGS.			
ING	E SITE CONDITIONS. S FOR EXACT EXTENT OF DEMOLITION. MPONENTS, AND TO FACILITATE PROPER EXECUTION	OF THE WORK.	SEAL	
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			
FILL	RIO MATERIAL TO MATCH EXISTING AND. MAINTAIN ALL FI E SLAB/WALL/ROOF AND COORDINATE DRILLING/CUT ^T ER.		100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com	
	ICES ARE ENCOUNTERED, IMMEDIATELY ADVISE AND JCTS TO ALLOW FOR NEW WORK TO BE INSTALLED. C		PROJECT TITLE CITY OF TORONTO ACCESSIBILITY UPGRADES	
THE	SPECIFICATIONS OR DETAILS, ADVISE CONSULTANT	IMMEDIATELY FOR DIRECTION.	PROJECT ADDRESS	
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 ISSUE	1



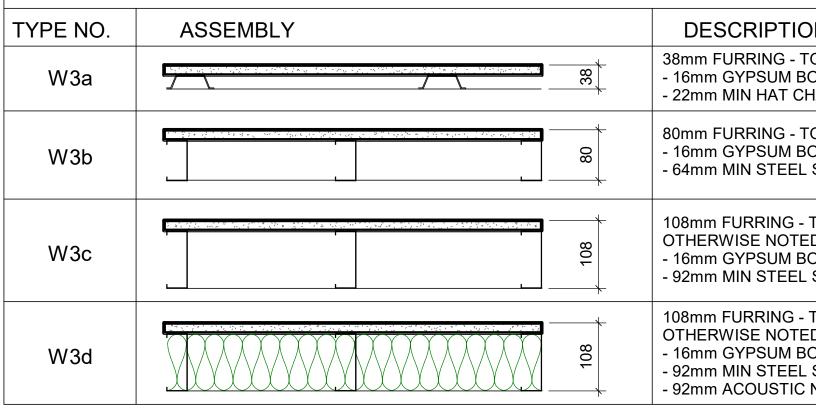
WALL TYPE NOTES:

- 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.

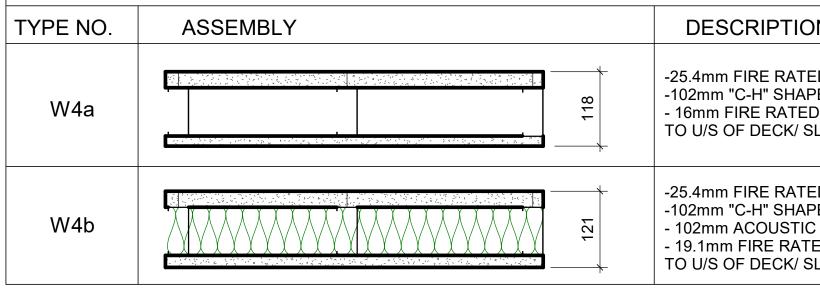
	FRR	STC
Έ		44
Έ	1.0 HR OBC SB-2	46
Έ	2.0 HR OBC SB-2	48
		49
/Ε		51



FURRING WALL TYPES - IN



SHAFT WALL TYPES - INTERNAL

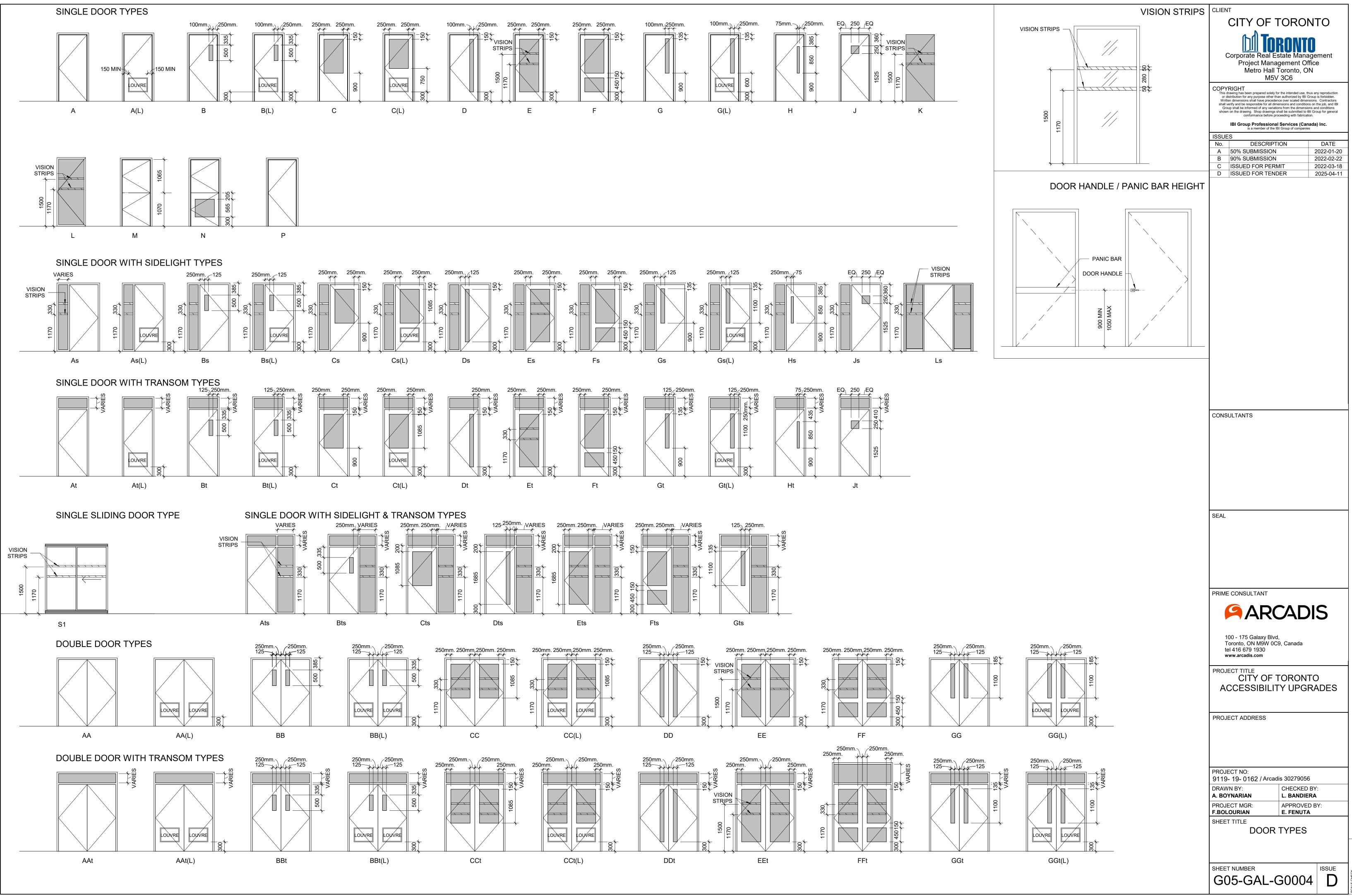


YWALL		
ON	FRR	STC
ED GYPSUM BOARD UDS @ 400 O.C. ED GYPSUM BOARD O U/S OF DECK	1.0 HR ULC W407	38 (OBC S4C)
30ARD UDS @ 400 O.C. 30ARD		
ED GYPSUM BOARD UDS @ 400 O.C. MAXIMUM C / THERMAL NON COMBUSTIBLE BATT INSULATION ED GYPSUM BOARD O U/S OF DECK	1.0 HR ULC W407	45
BOARD UDS @ 400 O.C. 7 THERMAL NON COMBUSTIBLE BATT BOARD O U/S OF DECK		45
mm FIRE RATED GYPSUM BOARD UDS @ 400 O.C. MAXIMUM C / THERMAL NON COMBUSTIBLE BATT mm FIRE RATED GYPSUM BOARD O U/S OF DECK	2.0 HR ULC W414	55
BOARD TUDS @ 400 O.C. C / THERMAL NON COMBUSTIBLE BATT BOARD O U/S OF DECK		51 (OBC S7A)
BOARD TUDS @ 400 O.C. BOARD		
MM GYPSUM BOARD UDS @ 400 O.C. 7 / THERMAL NON COMBUSTIBLE BATT INSULATION 30ARD O U/S OF DECK		50 (OBC S5B)
ITERNAL		
	FRR	
TO 150mm ABOV FIN. CEILING		

N	FRR
O 150mm ABOV FIN. CEILING DARD IANNEL @ 400 O.C.	
O 150mm ABOV FIN. CEILING DARD STUDS @ 400 O.C.	
TO 150mm ABOV FIN. CEILING UNLESS D DARD STUDS @ 400 O.C.	
TO 150mm ABOV FIN. CEILING UNLESS D DARD STUDS @ 400 O.C. NON COMBUSTIBLE BATT INSULATION	

N	FRR	STC
ED GYPSUM BOARD PED STUD @600 O.C. O GYPSUM BOARD LAB ABOVE	1.0 HR ULC W452	
ED GYPSUM BOARD PED STUD @600 O.C. 7 THERMAL NON COMBUSTIBLE BATT INSULATION ED GYPSUM BOARD LAB ABOVE	2.0 HR ULC W508	52
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CLIENT CITY OF TORON Corporate Real Estate Manage Project Management Offi Metro Hall Toronto, ON M5V 3C6	jement ce
This drawing has been prepared solely for the intended use, thus or distribution for any purpose other than authorized by IBI Gro Written dimensions shall have precedence over scaled dimensions shall verify and be responsible for all dimensions and conditions of Group shall be informed of any variations from the dimensions shown on the drawing. Shop drawings shall be submitted to IBI conformance before proceeding with fabrication IBI Group Professional Services (Canaa is a member of the IBI Group of companies	up is forbidden. ons. Contractors on the job, and IBI and conditions Group for general
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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	$\begin{array}{rll} Sa(0.2) = & 0.190\\ Sa(0.5) = & 0.110\\ Sa(1.0) = & 0.068\\ Sa(2.0) = & 0.022\\ PGA = & 0.076 \end{array}$	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

IASONRY:	
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 CSA STANDARD CSA-A179.	Corporate Real Estate Management Project Management Office
PROVIDE STANDARD, HOLLOW 15 MPa CONCRETE BLOCK UNITS UNLESS NOTED OTHERWISE. AT 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
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	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.
OF 200 mm. MASONRY GROUT SHALL BE FINE GROUT, AND SHALL BE PROPORTIONED ACCORDING	Arcadis Professional Services (Canada) Inc.
TO, AND MEET ALL REQUIREMENTS OF APPLICABLE EDITION OF CSA-A179. PROVIDE CONTINUOUS, HORIZONTAL, STANDARD LADDER-TYPE HORIZONTAL JOINT	No. DESCRIPTION DATE A 50% SUBMISSION 2022-04-27 B 90% SUBMISSION 2022-07-29
REINFORCEMENT @ 400 mm C/C, IN BOTTOM TWO BED JOINTS, TOP TWO BED JOINTS AND FIRST 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.	DCISSUED 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.	
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
	100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930
	PROJECT TITLE CITY OF TORONTO ACCESSIBILITY UPGRADES
	PROJECT ADDRESS
	PROJECT NO: 9119- 19- 0162 / Arcadis 30279056
	DRAWN BY: CHECKED BY: G. POULOU M. FAYAZI
	PROJECT MGR: APPROVED BY: N. FRISCIC K. ANGER
	SHEET TITLE STRUCTURAL - GENERAL
	NOTES
	G05-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			ON STEEL	
BAR SIZE	HORIZONTAL TO)P BARS*	ALL OTHER E	BARS**	COMPRESSI		
	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	-	

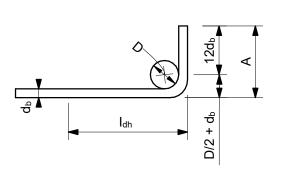
REFERENCE: CAN/CSA A23.3-14

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' = 35	бMРа	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

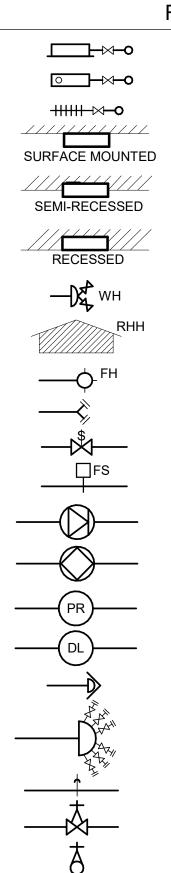
AB ADD ADJ AFF AHU ALT ANC APPROX ARCH ASTM B/B BC BET BLDG BLK BM BOF BOS BOT BRCG BRG BRKT BSMT CA CB C/C CERT CHKD PL CIP CJ CL CLJ CLR COL CONC CONN CONSTR CONT CONTR CSA СТ CTR C/W DET DIA DIAG DIM DL DO DWG DWL EA EF EL ELEC EMB EQ EQPT EW EXP EΧ EXT FDN FDNC FIN FI FLG FTG FUT GA GC GALV GENL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

<u>/IATIONS:</u>	I		
wo angles anchor bolt	HP HS	high point high strength	III IIRONTO
addendum adjacent	ID IE	inside diameter invert elevation	Corporate Real Estate Management Project Management Office
above finished floor air handling unit	IF IN	inside face inches	Metro Hall Toronto, ON
alternate	INCL INFO	include information	M5V 3C6
approximate architectural	JT kN	joint kilonewton	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.
American Society	kNm	kilonewton meter	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
for Testing and Materials back to back	kPa L	kilopascal length	shown on the drawing. Shop drawings shall be submitted to Arcadis for general conformance before proceeding with fabrication.
oottom chord oetween	LB LG	pound long	Arcadis Professional Services (Canada) Inc.
building block	LL LLBB	live load long legs back-to-back	ISSUES
beam	LLH	long leg horizontal	No. DESCRIPTION DATE A 50% SUBMISSION 2022-04-27
pottom of footing pottom of steel	LLV LO	long leg vertical louver opening	B 90% SUBMISSION 2022-07-29
pottom pracing	LP LS	low point louver sill	CISSUED FOR PERMIT2022-07-29DISSUED FOR TENDER2022-12-09
pearing pracket	m MACH	metre machine	E ISSUED FOR TENDER 2025-04-11
pasement	MAX	maximum	
column above column below	MECH MEZZ	mechanical mezzanine	
center to center certified	MFR MIN	manufacturer minimum	
checkered plate cast in place	MISC mm	miscellaneous millimetre	
construction joint	MT	metric ton	
centerline control joint	NIC NO	not in contract number	
column	NTS O/O	not to scale out to out	
concrete connection	OPNG OPP	opening opposite	
construction continuation (continuous)	PC PEN	piece	
contractor	PL	plate	
Canadian Standards Association cooling tower	PROJ PSF	projection pounds per square foot	
complete with	PSI R	pounds per square inch radius	
letail Jiameter	RCB REF	reinforced concrete beam reference	
liagonal	REINF	reinforcement	
limension lead load	REMV REQD	removable required	
door opening drawing	RR R/W	railroad reinforced with	
lowel each	SCH SECT	schedule section	
each face elevation	SIM	similar slab on grade	
electrical	SP	space	
embedment equal	SPEC SQ	specifications square	
equipment each way	SSC STAGG	structural steel contract staggered	CONSULTANTS
expansion existing	STD STIFF	standard stiffener	
exterior	STL	steel	
oundation oundation contract	SYM	structural symmetrical	
inish Ioor	t T	thickness tread	
lange eet	T&B TC	top and bottom top chord	
ooting	TEMP	temperature	
uture gauge	THK TL	thick total load	
general contract galvanized	TOF TOS	top of footing top of steel	
general gauge outstanding leg	TYP UON	typical unless otherwise noted	SEAL
grade grating	VERT VIF	vertical vertical inside face	
nigh norizontal each face	VOF W	vertical outside face	
nanger	W/	width (wide) with	
neight nooked-hooked	W/O WP	without working point	
norizontal inside face norizontal outside face	WPL WS	wall plate water stop	
norizontal	WT WWF	weight welded wire fabric	
			PRIME CONSULTANT
			ARCADIS
			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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			PROJECT MGR: APPROVED BY: N. FRISCIC K. ANGER
			N. FRISCIC K. ANGER SHEET TITLE
			STRUCTURAL - GENERAL
			NOTES, SYMBOLS &
			ABBREVIATIONS
			SHEET NUMBER ISSUE

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'	
HONE	
GASO	
	MACHINE COOLANT SUPPLY (LOW PRESS
	-
	MACHINE COOLANT SUPPLY (HIGH PRES
N.GAS	
PR	
CA	
VACU	
MDG	
02	
NO	
N	
CO2	
co	
He	
———— H2 ————	HYDROGEN
ARGON	
—	DIRECTION OF FLOW
	NEW PIPING / DUCTWORK
	EXISTING PIPING / DUCTWORK TO REMAI
<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	
No Object Works Signed State Processing State Sta		\bowtie	GATE VALVE	M	METER			AIF
Image: Section of the section of t			GLOBE VALVE	WM	WATER METER			
Image: Second		¶∕\	CHECK VALVE	GM	N.GAS METER			
Bit Market Water Bit Start FERM Market According Start FERM Market According Start FERM Market According Start Bit Start FERM Market According Start FERM Market According Start FERM Market According Start FERM Market According Start Bit Start FERM Market According Start FERM Market According Start FERM Market According Start FERM Market According Start Bit Start FERM Market According Start FERM Market According Start FERM Market According Start FERM Market According Start Bit According Start FERM Market According Start FERM Market According Start FERM Market According Start FERM Market According Start Bit According Start FERM Market According Start FERM Market According Start FERM Market According Start FERM Market According Start Bit According Start FERM Market According Start FERM Market According Start FERM Market According Start FERM Market According Start Bit According According Market FERM Market According Start Bit According Market FERM Market According Mark			PLUG VALVE	CAM	COMPRESSED AIR METER			
No. 10.4.10.4.2019 ID Transmission ID Transmission ID No. 10.4.10.4.10.4.10.10.10.10.10.10.10.10.10.10.10.10.10.			BUTTERFLY VALVE		PUMP			
Part Post Post Post Post Post Post Post Pos			BALL VALVE	F&T	STEAM TRAP - FLOAT & TH	ERMOSTATIC		
No. 100-000-000-000-000-000-000-000-000-000				В	STEAM TRAP - INVERTED B	BUCKET		
Image: Second				Т	STEAM TRAP - THERMOST	ATIC		
NUMER Solution Number Solu		FS FS		🛛 тн	STEAM TRAP - THERMODY	NAMIC		
Math An Elements An Elements An Elements Math Pressure Repression Survey Math Mat				ADT	AUTOMATIC DRAIN TRAP -	COMPRESSED A	IR	
Pressure produced with the produce support of the produce suppo		lri —O≯		- AE				
A MODELS RULL WALL LEVEN ON PRESIDE RELEVANT. MODELS CARENALS MODELS CARENALS MODELS CARENALS WALL PRESIDE RELEVANT. MODELS CARENALS MODELS CARENALS MODELS CARENALS		\bowtie	PRESSURE REDUCING VALVE		WATER HAMMER ARRESTC)R		
Proceedings and and transmitter Proceedings and and transmitter Proceedings and t		Ā	PRESSURE RELIEF VALVE - ELEVATION	L Ц нs	HYDRAULIC SEPERATOR			FIN
Proceedings and any and any and any			PRESSURE RELIEF VALVE		AUTOMATIC AIR VENT			
P P/D P/D at 2011/07 (0000) P P/D P/D at 2011/07 (0000) P/D P P/D P/D at 2011/07 (0000) P/D P/D </td <th></th> <td></td> <td>PRESSURE RELIEF VALVE - PLAN</td> <td></td> <td></td> <td></td> <td></td> <td></td>			PRESSURE RELIEF VALVE - PLAN					
PRODUCT PRODUCTION WITH CONSTRUCTION NOVE PRODUCTION CONSTRUCTION	Έ	口						
NUMBER Description along the source in accurate accurate source in accurate source in accurate accura	_	M	FLOAT OPERATED VALVE	HEATI	NG, VENTILATION A	ND AIR CO	NDITIONING	
NULLY CONTROL ALLO PRESERVED A PARTY OF THE CONTROL AND PARTY OF THE CO	E		BACK PRESSURE VALVE					
ALVER SQ BLANDERS MANS HUM STERIOS FOTTING (UNDER TAND) HUM STERIOS FOTT	K VALVE	• • •	DIFFERENTIAL BACK PRESSURE VALVE			£	DUCTWORK (ROUND)	
LOW METERNO FITTING (JANDAR REPORT LOW METERNO FITING				<u> </u>		$\times \times \times \times \times$		
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LENGTH No OF SLOTS PATTERN AIR PLENUM Mathematical State B=3/4" SLOT 1=1 WAY QUANTITY SIZE B=3/4" SLOT 2=2 WAY D=DOWNBLAST ILest SIZE INNED TUBE LINEAR CONVECTORS 3000-3A-D-250-200X150 INNED TUBE LINEAR CONVECTORS TYPE FINNED ENCLOSURE KW A-900-600-0.9 ITEM A-900-600-0.9 UNIT COUNTER AC AIR CONDITIONING ACCU UNIT BS BOILER (STEAM) BW BS BOILER (STEAM) BW BOILER (HOT WATER) C AIR COMPRESSOR CAC COMPUTER ROOM C COOLING COIL CT COOLING TOWER	C ISSUED FOR PERMIT 2022-07-29
LENGTH A=1/2" SLOT 1=1 WAY QUANTITY SIZE B=3/4" SLOT 2=2 WAY [L/s] D=DOWNBLAST 0=00WNBLAST [L/s] NNED TUBE LINEAR CONVECTORS 3000-3A-D-250-200X150 INNED TUBE LINEAR CONVECTORS TYPE FINNED ENCLOSURE KW A-900-600-0.9 A-900-600-0.9 ITEM UNIT COUNTER AC AIR CONDITIONING ACCU AIR COOLED UNIT BS BOILER (STEAM) BW BOILER (HOT WATER) C AIR COMPRESSOR CAC COMPUTER ROOM C COOLING COIL CT COOLING TOWER	D ISSUED FOR TENDER 2025-04-11
B=3/4" SLOT 2=2 WAY U/S D=DOWNBLAST 1/S 3000-3A-D-250-200X150 1/S INNED TUBE LINEAR CONVECTORS ENCLOSURE TYPE FINNED ENCLOSURE A-900-600-0.9 A-900-600-0.9 UNIT COUNTER AC AIR CONDITIONING AC AIR CONDITIONING AC AIR CONDITIONING AC BS BOILER (STEAM) BW BW BOILER (HOT WATER) C AIR COMPRESSOR CAC COMPUTER ROOM AC COLING COIL	
INNED TUBE LINEAR CONVECTORS TYPE FINNED ENCLOSURE KW A-900-600-0.9 EQUIPMENT IDENTIFICATION ITEM UNIT COUNTER XX-XXX AC AIR CONDITIONING ACCU AIR COOLED UNIT CONDENSING UNIT BS BOILER (STEAM) BW BOILER (HOT WATER) C AIR COMPRESSOR CAC COMPUTER ROOM A/C UNIT CC COOLING COIL CT COOLING TOWER	
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TYPE FINNED ENCLOSURE KW A-900-600-0.9 A-900-600-0.9 Image: Constraint of the second s	
Image: Length Height Image: Length Height A-900-600-0.9 EQUIPMENT IDENTIFICATION Item Unit counter VIT VIT AC AIR CONDITIONING AC AIR CONDITIONING BS BOILER (STEAM) BS BOILER (STEAM) C AIR COMPRESSOR C COOLING COIL	
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C AIR COMPRESSOR CAC COMPUTER ROOM A/C UNIT CC COOLING COIL CT COOLING TOWER	
C AIR COMPRESSOR CAC A/C UNIT CC COOLING COIL CT COOLING TOWER	
CC COOLING COIL CT COOLING TOWER	
D COMPRESSED DOOR HEATER	
B AIR DRYER E EVAPORATOR E EVAPORATOR E EFFICERATION	
CONDENSER	
FAI FRESH AIR INTAKE EH ELECTRIC HEATER FINNED-TUBE FINNED-TUBE FINNED-TUBE	
FLC LINEAR FC FAN COIL	CONSULTANTS
H HUMIDIFIER GV GRAVITY VENTILATOR (ROOF VENTILATOR)	
DWH DOMESTIC WATER HEATER HEATING COIL	
AHU AIR HANDELING UNIT OWH-I HEATER	
M METER INSTANTANEOUSLY HX HEAT EXCHANGER	
MAU MAKE-UP AIR UNIT	
MZ MULTI-ZONE UNIT	
GI GEASE INTERCEPTOR	SEAL
PHC PRE-HEAT COIL P PUMP	
RC REFRIGERATION COMPRESSOR OR CHILLER PRV PRESSURE REDUCING VALVE	
RF RETURN AIR FAN	
RP RADIANT PANELS REHEAT COIL	
SF SUPPLY FAN ROOFTOP UNIT	
T TANK (WITHOUT BUILT- SL SILENCER	
T IN HEATER)	PRIME CONSULTANT
TUF TERMINAL UNIT - FAN	ARCADIS
WF WALL FIN RADIATION	
SM SNOW MELTING MANIFOLD UH UNIT HEATER	100 - 175 Galaxy Blvd,
FAC CABINET FORCE FLOW HEATER RFH RADIANT FLOOR HEATING MANIFOLD	Toronto, ON M9W 0C9, Canada
ABBREVIATION	tel 416 679 1930 www.arcadis.com
A.F.F. ABOVE FINISHED FLOOR INV. EL. INVERT ELEVATION	PROJECT TITLE
	CITY OF TORONTO
B.O.D.EL. ELEVATION N.C. NORMALLY CLOSED	ACCESSIBILITY UPGRADES
B.O.P.EL. ELEVATION NFRH HYDRANT	
CENTER LINE OF PIPE ELEVATIONN.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
DWH DOMESTIC WATER HEATER PHC PREHEAT COIL (STORAGE TANK)	9119- 19- 0162 / Arcadis 30279056 DRAWN BY: CHECKED BY:
	K.DURUKAN B.LIAO
	PROJECT MGR: APPROVED BY: N. FRISCIC S. LIU
	SHEET TITLE
F.L. FINISHED FLOOR LEVEL S.A. SUPPLY AIR	MECHANICAL LEGEND
F.M.S. FLOW MEASURING STATION	SHEET 1 OF 2
F.U. FUXTURE UNITS T.O.P. TOP OF PIPE	
	SHEET NUMBER ISSUE
HWR HOT WATER RETURN U/S UNDER SIDE	G05-GAL-G3001

	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	NOTECTION !	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.

	CITY OF TORON TORONTO Corporate Real Estate Manage	ement
	Project Management Offic Metro Hall Toronto, ON M5V 3C6	e
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 dimension verify and be responsible for all dimensions and conditions of dis shall be informed of any variations from the dimensions a rn on the drawing. Shop drawings shall be submitted to Arcadis conformance before proceeding with fabrication. Arcadis Professional Services (Canada)	is forbidden. s. Contractors in the job, and ind conditions dis for general
ISSUE No.	DESCRIPTION	DATE
A B C	90% SUBMISSION	2022-04-27 2022-07-29 2022-07-29
	ISSUED FOR TENDER	2025-04-11
CONS	ULTANTS	
SEAL		
	CONSULTANT	
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	CITY OF TORONTO	
PROJ	ECT ADDRESS	
9119	ECT NO: - 19- 0162 / Arcadis 30279056	/.
	RUKAN B.LIAO	
N. FRI	ECT MGR: APPROVED E SCIC S. LIU T TITLE MECHANICAL LEGEI SHEET 2 OF 2	
	TNUMBER 05-GAL-G3002	D ISSUE

	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
ΓX	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		

25-05-07 11:09:33 AN

			CLIENT CITY OF TORONTO TORONTO Corporate Real Estate Management Project Management Office Metro Hall Toronto, ON M5V 3C6
	SYMBOL	DESCRIPTION	 COP TRIGHT 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.
RA ERA , NOT HINGED , HINGED	S P ZA A ED XZA A ED	PUBLIC ADDRESS & INTERCOM INTERCOM C = AUDIO E = EMERGENCY CALL H = HANDSET P = PANEL 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 REMOTE ANNUNCIATOR PANEL FIRE ALARM ZONE NUMBER CO2 ABORT STATION ACTIVE FIELD DEVICE = COMBINATION CONTROL AND MONITOR MODULE	Arcadis Professional Services (Canada) Inc. ISSUES No. DESCRIPTION DATE A 50% SUBMISSION 2022-01-20 B 90% SUBMISSION 2022-02-22 C ISSUED FOR PERMIT 2022-03-18 D ISSUED FOR TENDER 2025-04-11
	$ \begin{array}{c} & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & & \\ & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & $	COMBINATION HEAT AND SMOKE DETECTOR CO2 DUMP STATION MAGNETIC DOOR HOLDER DEVICE 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 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	CONSULTANTS SEAL
	N S S S S S S S S S S S S S S S S S S S	SPRINKLER SYSTEM SUPERVISED VALVE AIR SAMPLING SMOKE DETECTOR FIRE ALARM BELL FIRE ALARM HORN FIRE ALARM MINI HORN C/W STROBE LIGHT STROBE LIGHT WARNING LIGHT FIRE ALARM MANUAL PULL STATION (RED) MANUAL RELEASE PULL STATION (BLUE)	PRIME CONSULTANT PRIME CONSULTANT PROJECT TITLE CITY OF TORONTO ACCESSIBILITY UPGRADES
	ED F A	ABORT PUSH BUTTON END OF LINE DEVICE FIREMAN'S TELEPHONE HANDSET ND LEGEND AS APPLICABLE	PROJECT ADDRESS
	STMDULS A		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
			G05-G4001 D

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SINGLE LINE		
	POWER TRANSFORMER		DRAWOUT LOW VOLTAGE CIRCUIT BREAKER
	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

25-05-07 11:09:33 AN

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
mm	MILLIMETER	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
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
МО	MANUALLY OPERATED	conformance before proceeding with fabrication. Arcadis Professional Services (Canada) Inc.
M/W	MICROWAVE	ISSUES
MTD	MOUNTED	No. DESCRIPTION DATE A 50% SUBMISSION 2022-01-20
NC	NORMALLY CLOSED	B 90% SUBMISSION 2022-02-22
NGR	NEUTRAL GROUNDING RESISTOR	CISSUED FOR PERMIT2022-03-18DISSUED FOR TENDER2025-04-11
NIC	NOT IN CONTRACT	
NO	NORMALLY OPEN	
O/H	OVER HEAD	
OC	ON CENTRE	
OESC	ONTARIO ELECTRICAL SAFETY CODE	
OVP	OVER VOLTAGE PROTECTION	
PLATF	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	SWITCH GEAR	
ТВ	TIE CIRCUIT BREAKER	
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR	SEAL
TYP	TYPICAL	
U/G	UNDER GROUND	
UON	UNLESS OTHERWISE NOTED	
VFD	VARIABLE FREQUENCY DRIVE	
WP	WEATHER PROOF	PRIME CONSULTANT
XP	EXPLOSION PROOF	
*	REFER TO A-002 FOR ABBREVIATIONS NOT INCLUDED IN THIS LIST	ARCADIS
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		V. MAC M. BOJIC
		PROJECT MGR:APPROVED BY:F.BOLOURIANP. WILLIAMS
		ELECTRICAL LEGEND 2
		SHEET NUMBER ISSUE
		G05-G4002

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.

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S OUTSIDE THE	ISSUES No. DESCRIPTION DATE
ROOM TO ALLOW DRAINAGE OF RACEWAY	A 50% SUBMISSION 2022-01-20 B 90% SUBMISSION 2022-02-22
IND PULL POINTS INCLUDING HAND HOLES, MAN FOR APPROVAL PRIOR TO INSTALLATION.	CISSUED FOR PERMIT2022-03-18DISSUED FOR TENDER2025-04-11
(TYPICAL).	
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	
RITY PANEL TO RECALL ELEVATORS TO R AT DESIGNATED LEVEL ELEVATOR LOBBY E LEVEL. REFER TO ELEVATOR AUTOMATIC FIRE ATE WITH TSSA AND CONFIRM	
R SAMPLING SMOKE DETECTOR TYPE. INSTALL () OUTSIDE OF ELEVATOR CLOSET. AIR DWARDS OR APPROVED EQUAL.	
ONDUITS AND CORRESPONDING PULL POINTS HERE OEC REQUIRES ADDITIONAL PULL POINTS E PULL BOX (OR HAND HOLE) AS REQUIRED. IF TO PROVIDE AN ADDITIONAL HAND HOLE OR	
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CITY OF TORONTO ACCESSIBILITY UPGRADES TYPICAL DETAILS BOOKLET

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SHEET #	SHEET TITLE	Sł	
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D1001	ACCESSIBILITY DESIGN STANDARDS AND DOOR CLEARANCES		
D1002	DOOR ENLARGEMENT		
D1201	ACCESSIBLE WASHROOM, SHOWER & ACCESSORIES DETAILS		
D1202	UNIVERSAL WASHROOM & SHOWER PLANS		
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SHEET # SHEET TITLE		SHEET #	SHEET TITLE	SHEET #	
D2100	CONCRETE - TYPICAL DETAIL	D3201	PLUMBING DETAILS	D4001	ELECTRICAL DET
D2200	STRUCTURAL STEEL DETAILS - 1	D3301	DRAINAGE DETAILS		
D2201	STRUCTURAL STEEL DETAILS - 2	D3401	FIRE PROTECTION DETAILS		
D2300	MASONRY DETAILS	D3501	HVAC DETAILS		
		D3601	PIPING DETAILS SHEET 1 OF 2		
				1	

D3602 PIPING DETAILS SHEET 2 OF 2

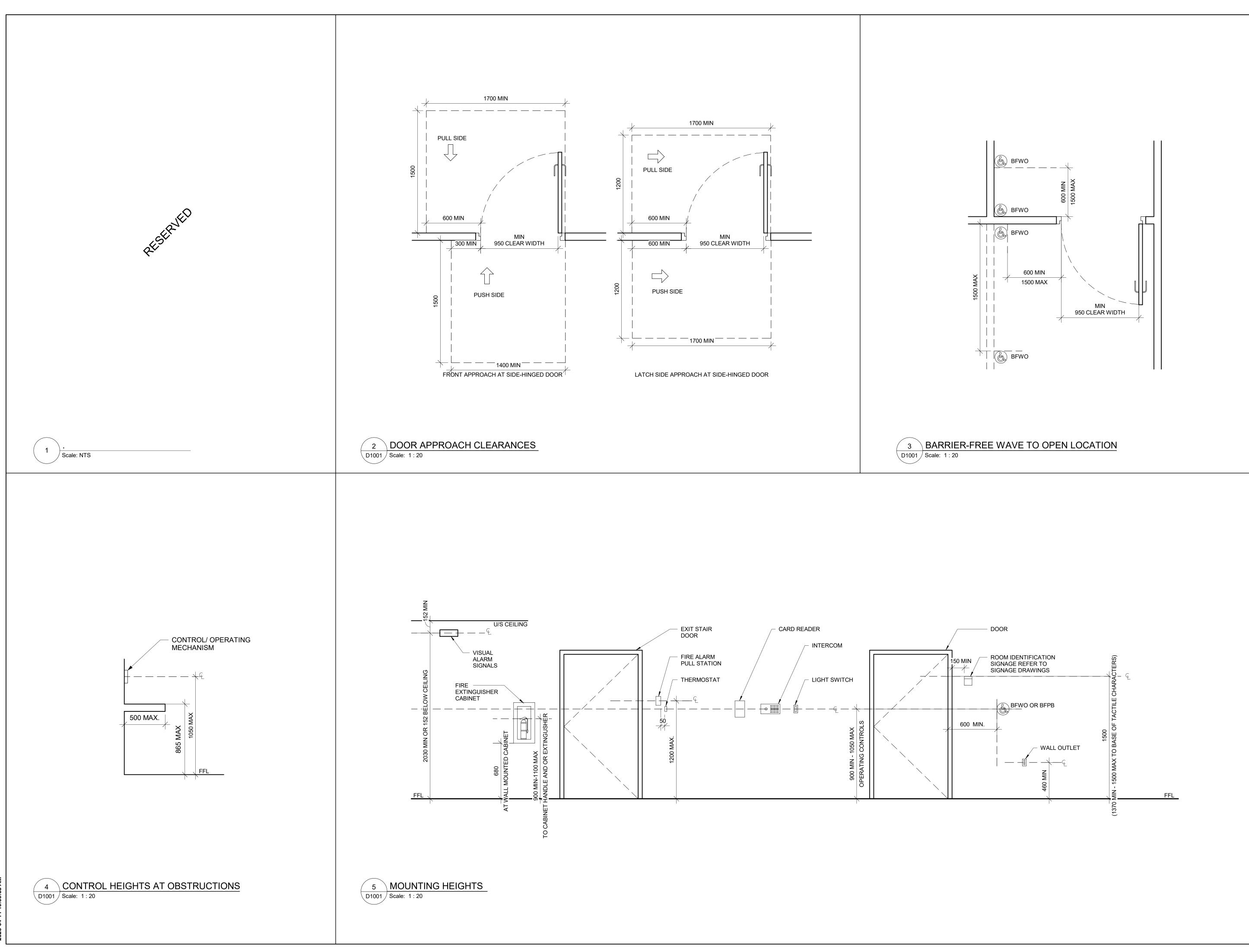
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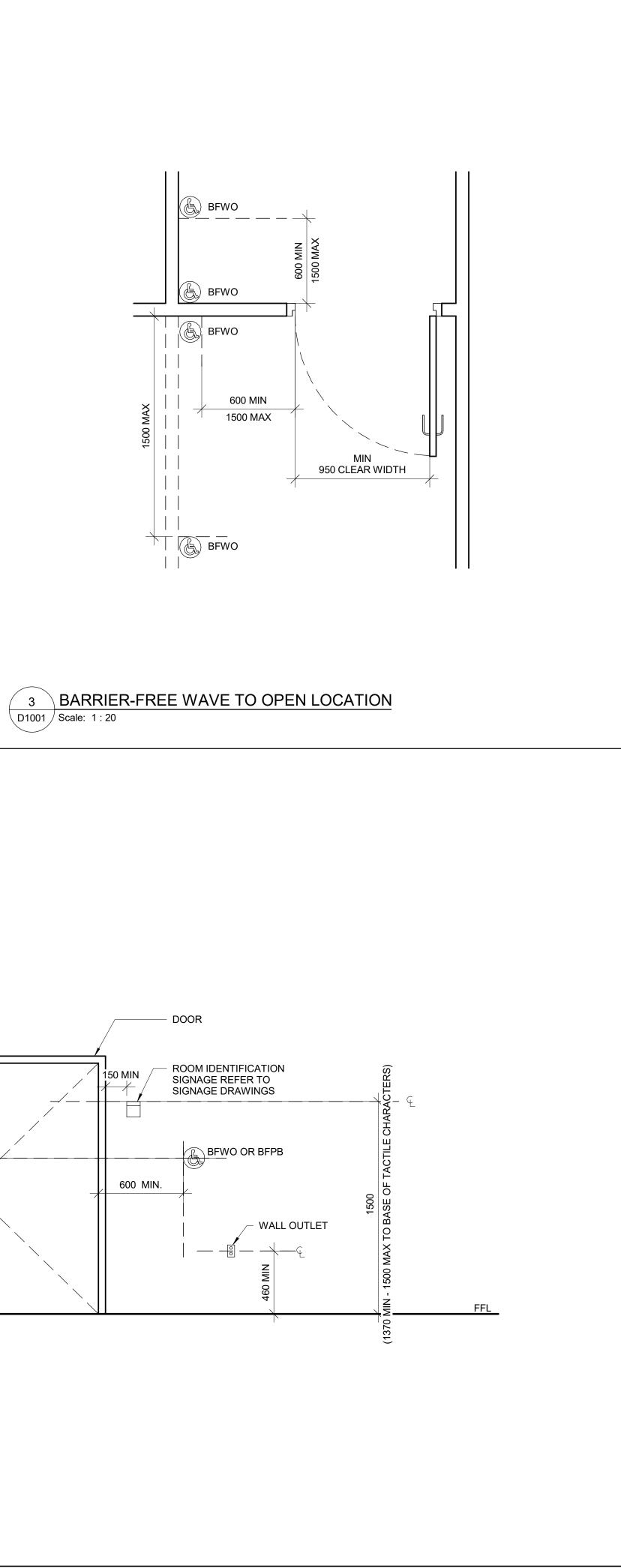
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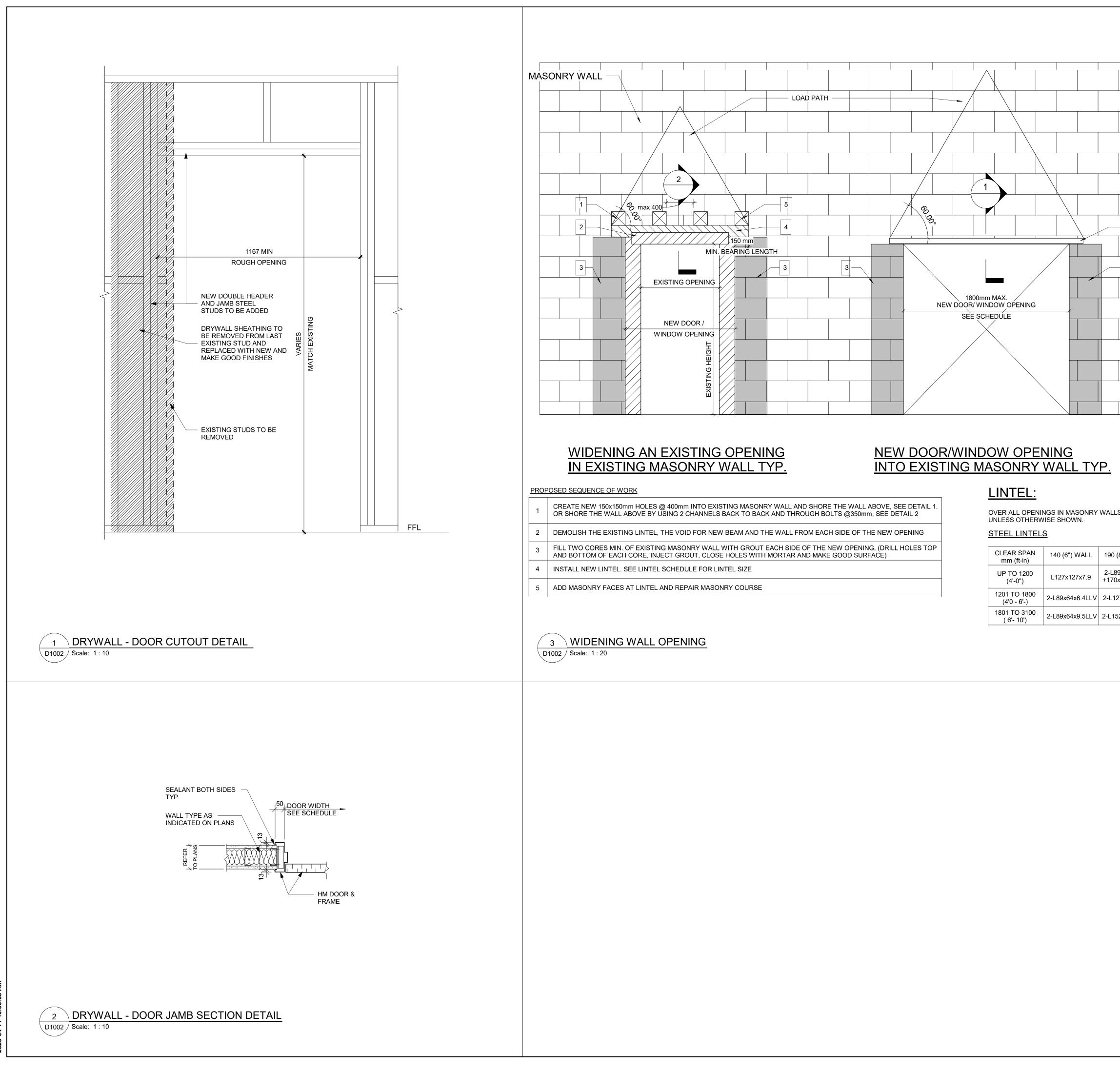
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DETAILS 1





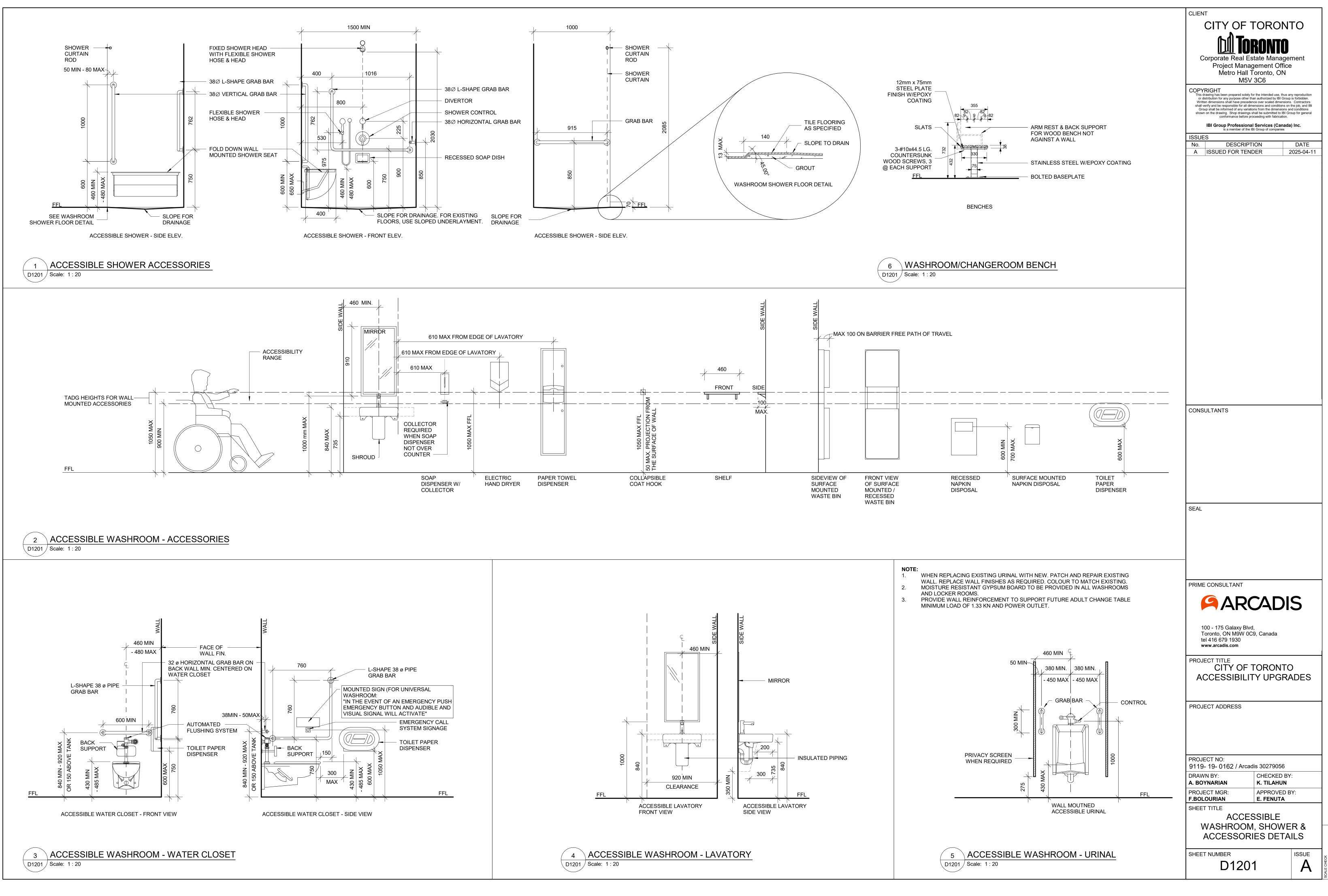
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F.BOLOURIAN E. FENUTA SHEET TITLE ACCESSIBILITY DESI STANDARDS AND DO CLEARANCES	GN
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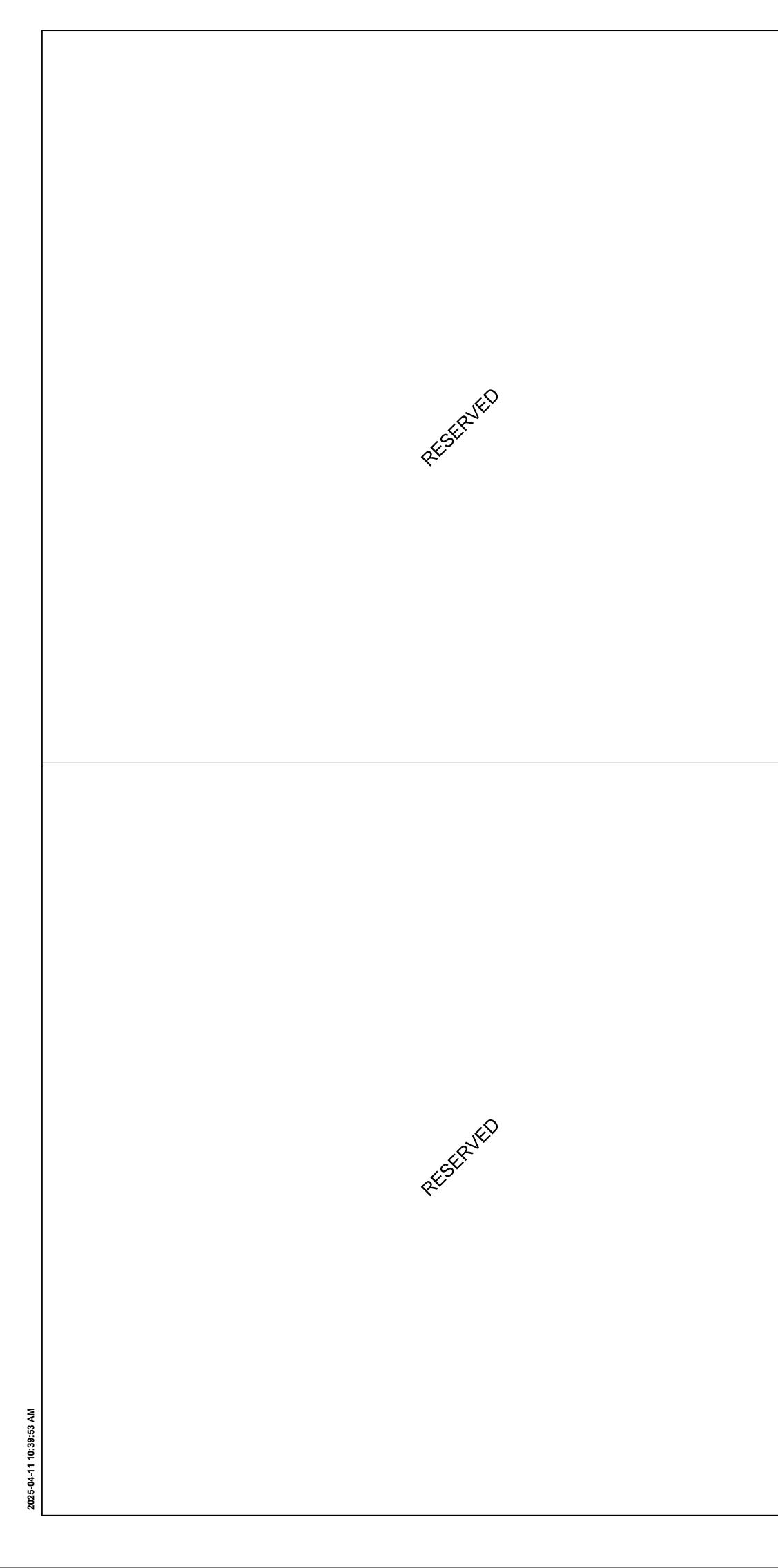


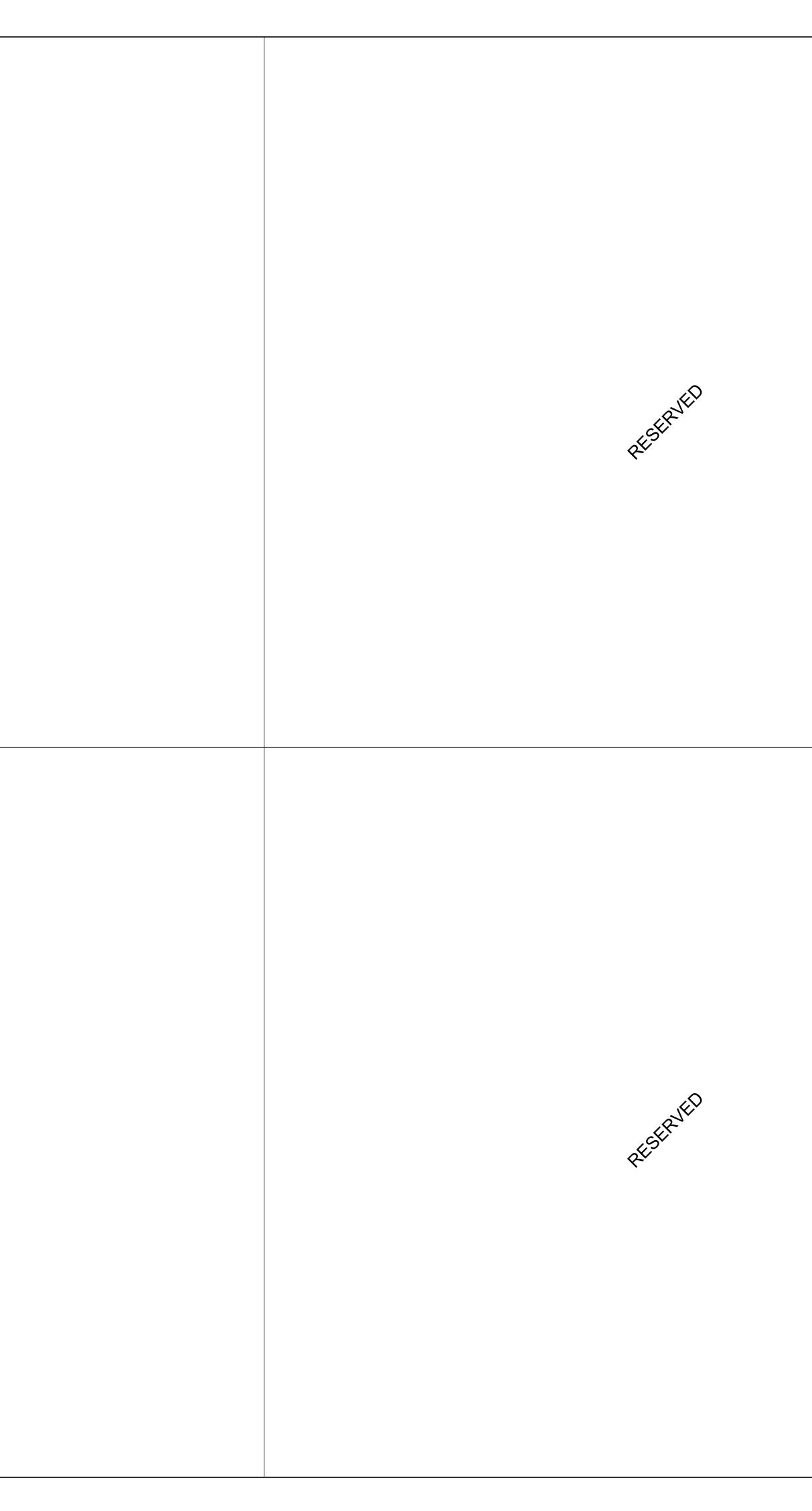
1	CREATE NEW 150x150mm HOLES @ 400mm INTO EXISTING MASONRY WALL AND SHORE THE WALL ABOVE, SEE DETAIL 1 OR SHORE THE WALL ABOVE BY USING 2 CHANNELS BACK TO BACK AND THROUGH BOLTS @350mm, SEE DETAIL 2
2	DEMOLISH THE EXISTING LINTEL, THE VOID FOR NEW BEAM AND THE WALL FROM EACH SIDE OF THE NEW OPENING
3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

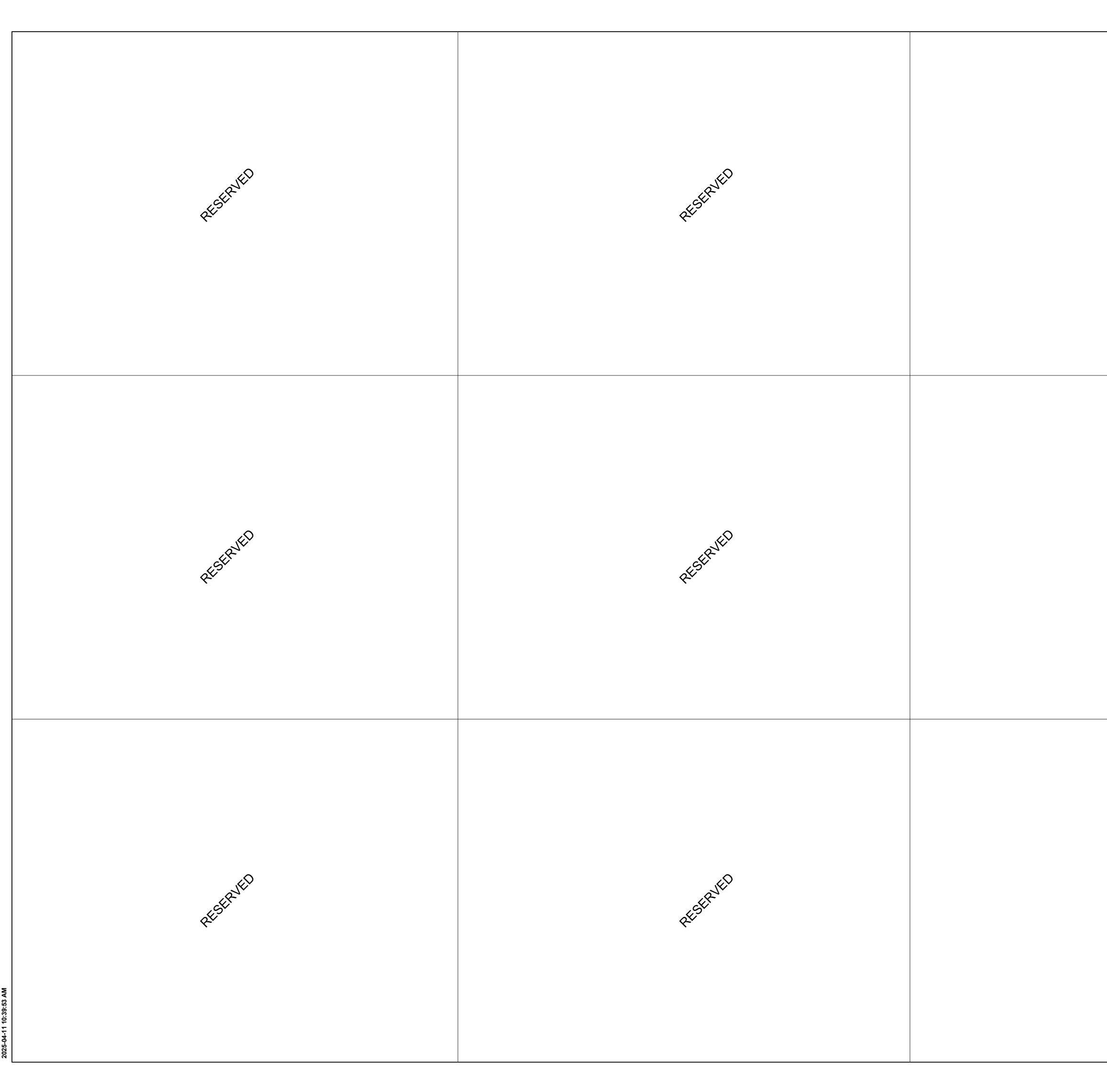
		SUPPORT / SHORE MASONRY WALL ABOVE THE LINTEL	ECTION 2	SECTION 2 DOUBLE ANGLE DETAIL 2	Corporate Real Es Project Manag Metro Hall T M5V COPYRIGHT This drawing has been prepared solely fo or distribution for any purpose other tha Written dimensions shall have preceden shall verify and be responsible for 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



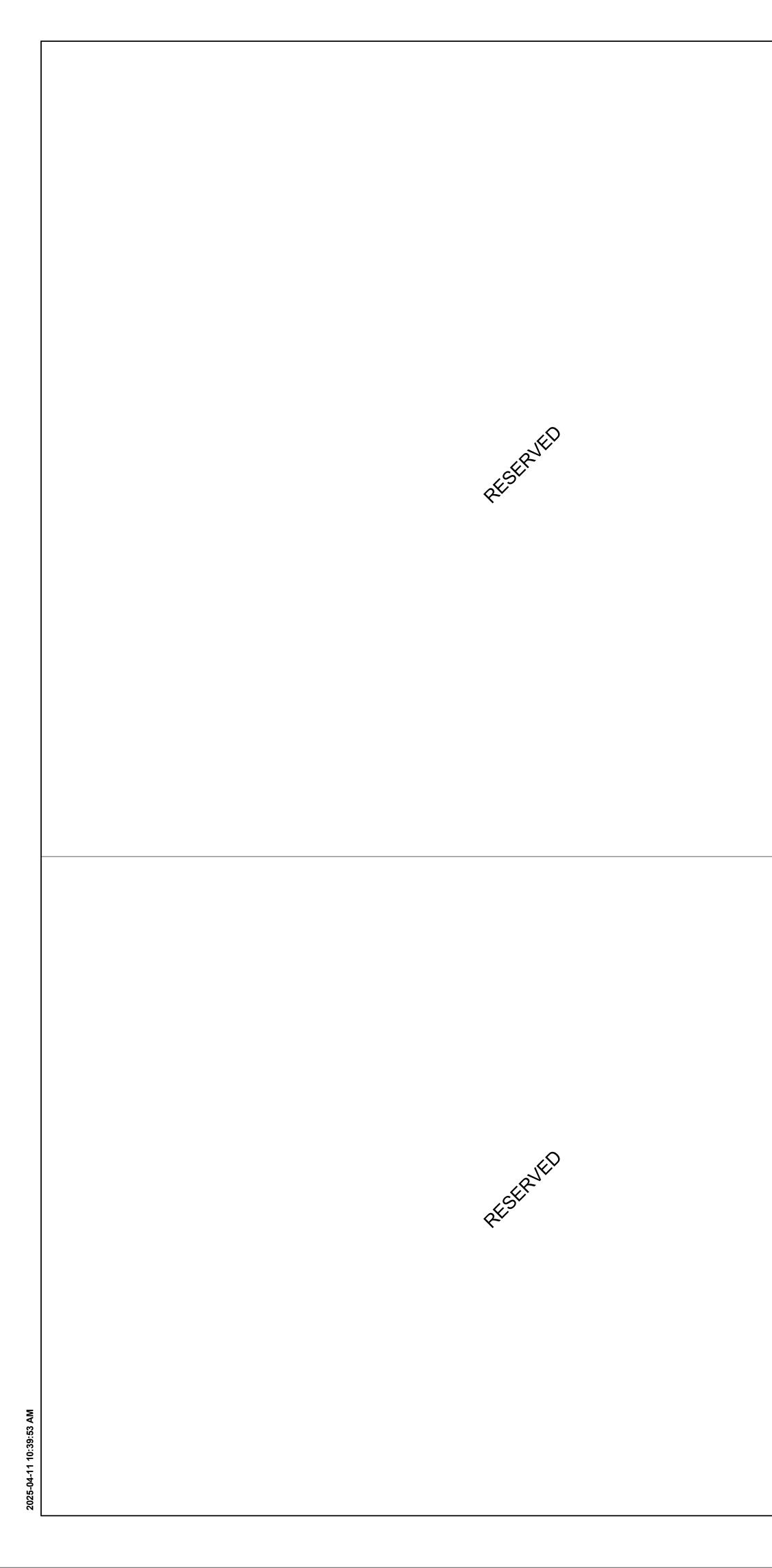


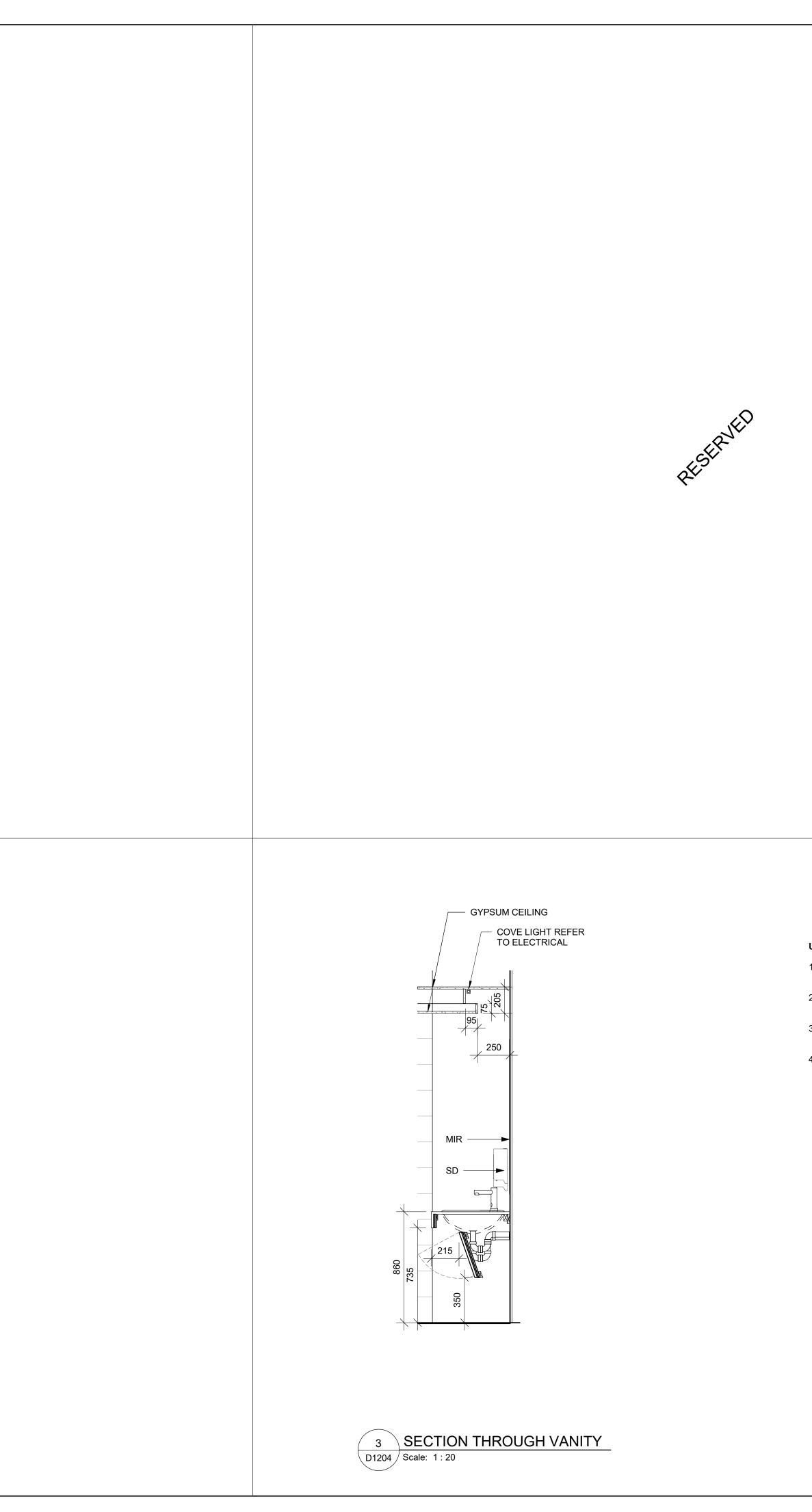


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F.BOLOURIANE. FENUTASHEET TITLE	
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& SHOWER PLANS	
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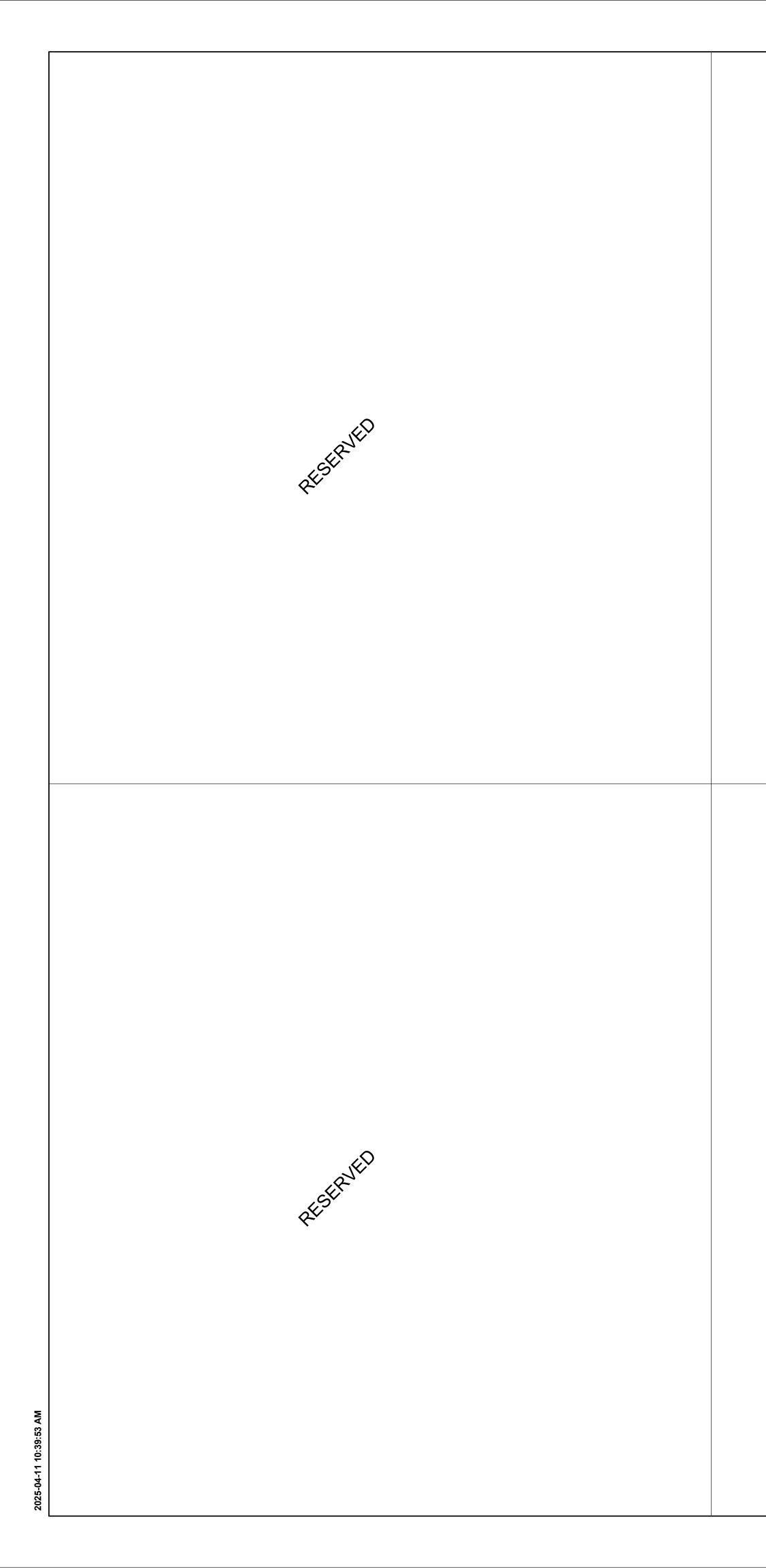




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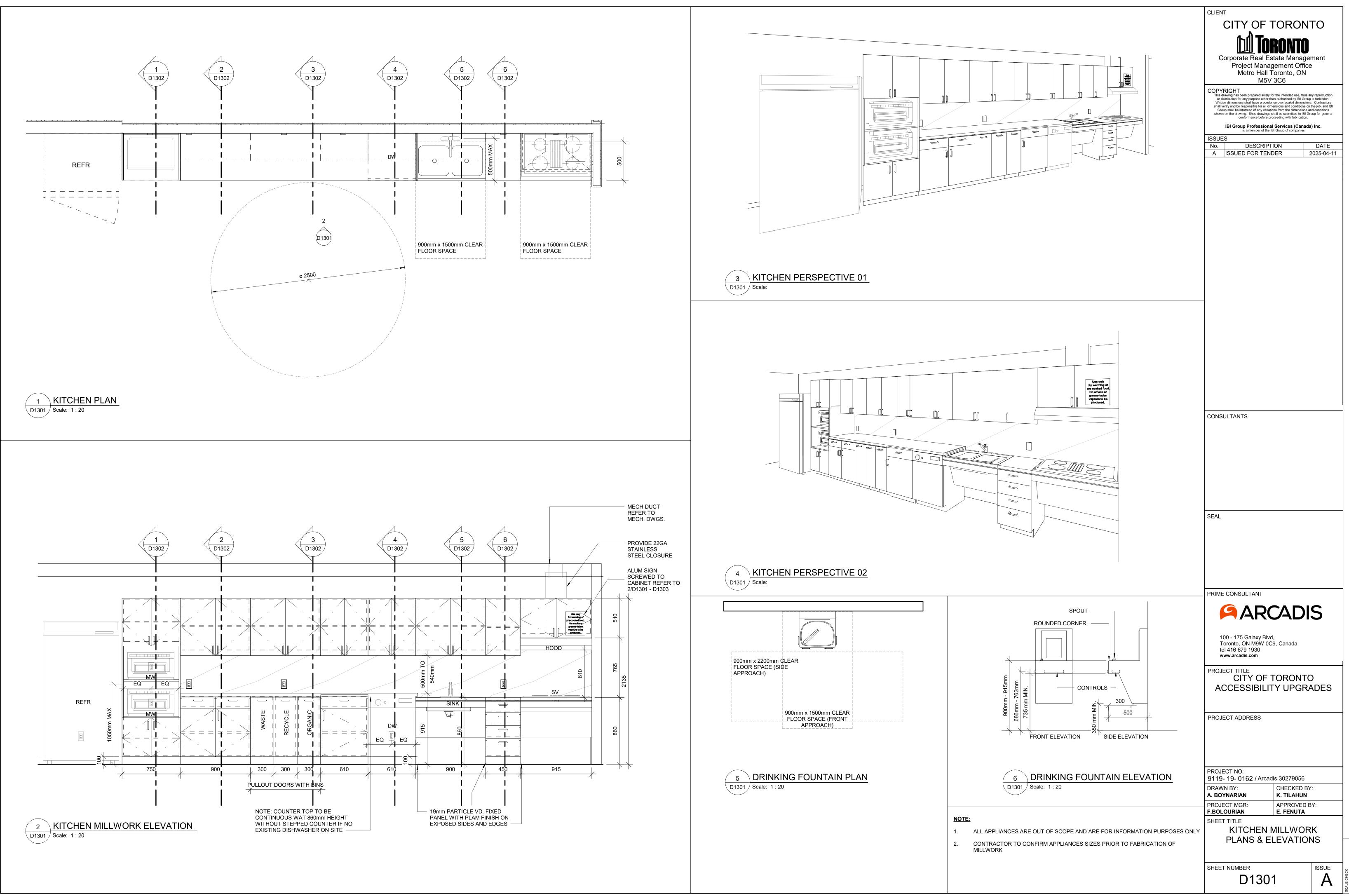
UNIVERSAL WASHROOM GENERAL NOTES:

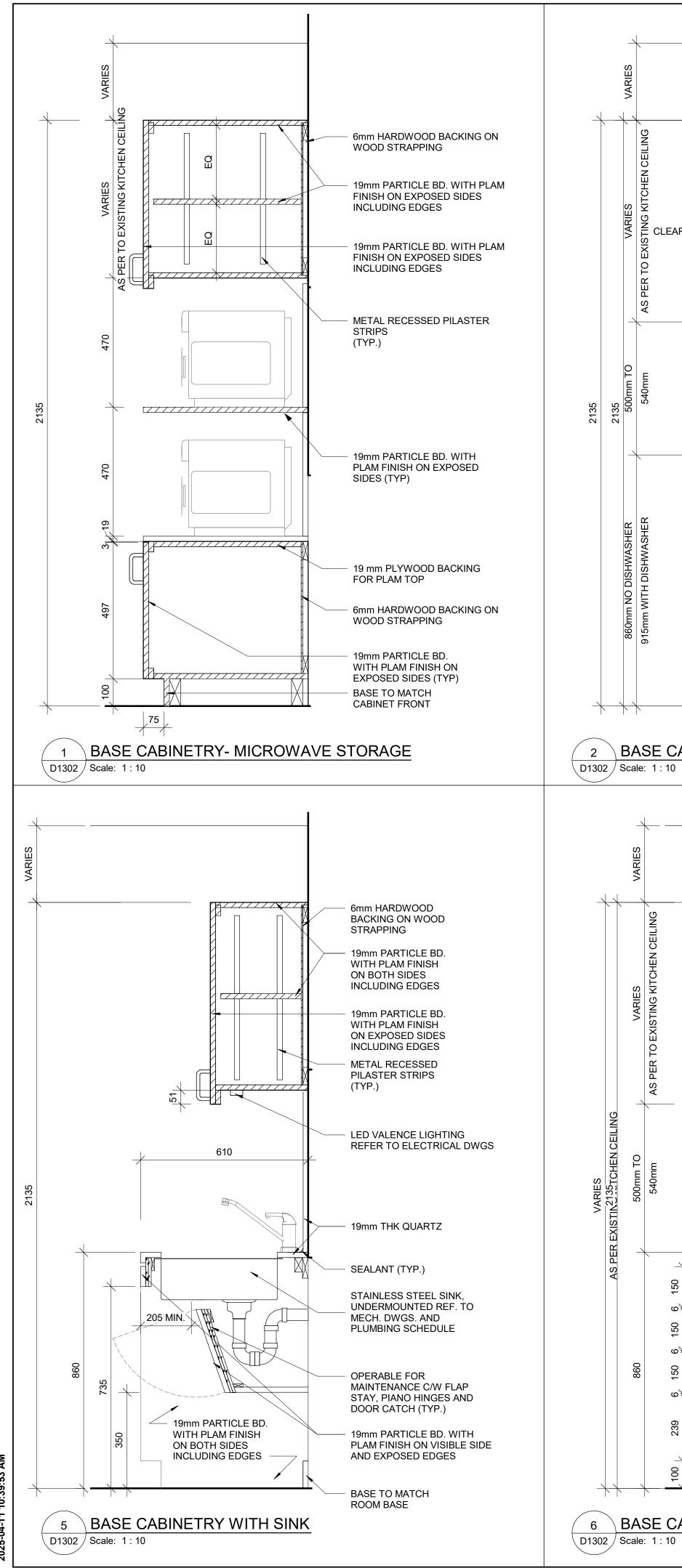
- 1. ALL DIMENSIONS ARE TAKEN FROM FINISH FLOOR SURFACE.
- 2. MOISTURE RESISTANT GYPSUM BOARD TO BE PROVIDED IN ALL WASHROOMS AND LOCKER ROOMS.
- 3. SEE STANDARD MOUNTING HEIGHT DETAILS 2/D1201, 3/D1201, 4/D1201 & 5/D1202
- 4. WASHROOM ARRANGMENTS FOR ILLUSTRATION PURPOSES - REFER TO EACH BUILDING ENLARGED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

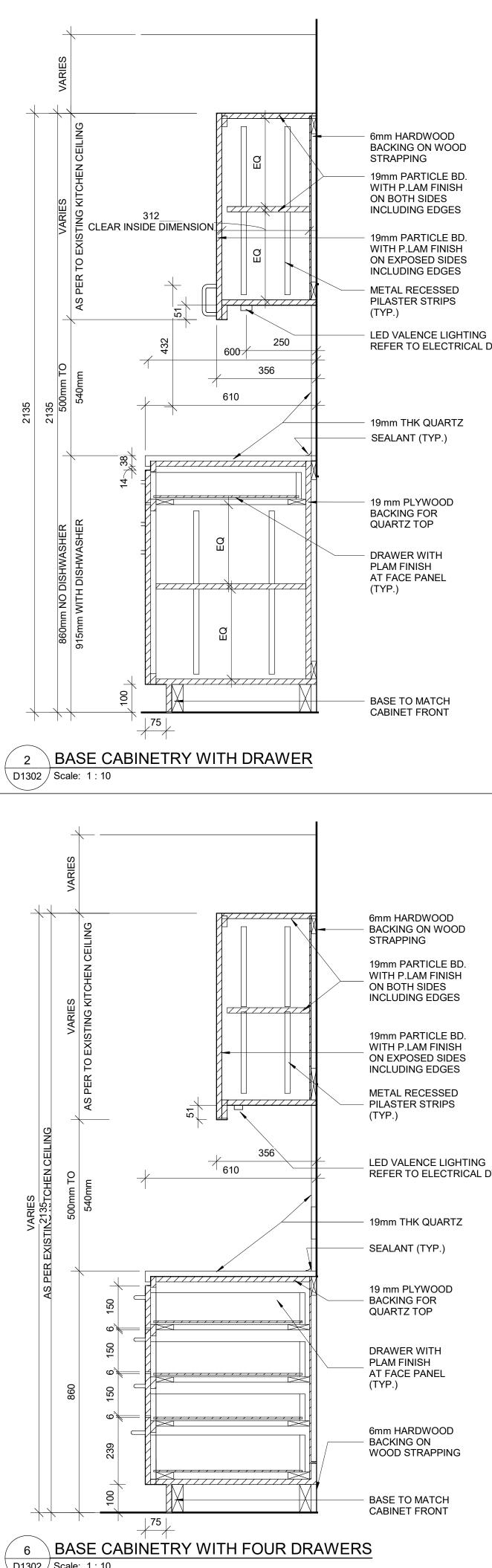


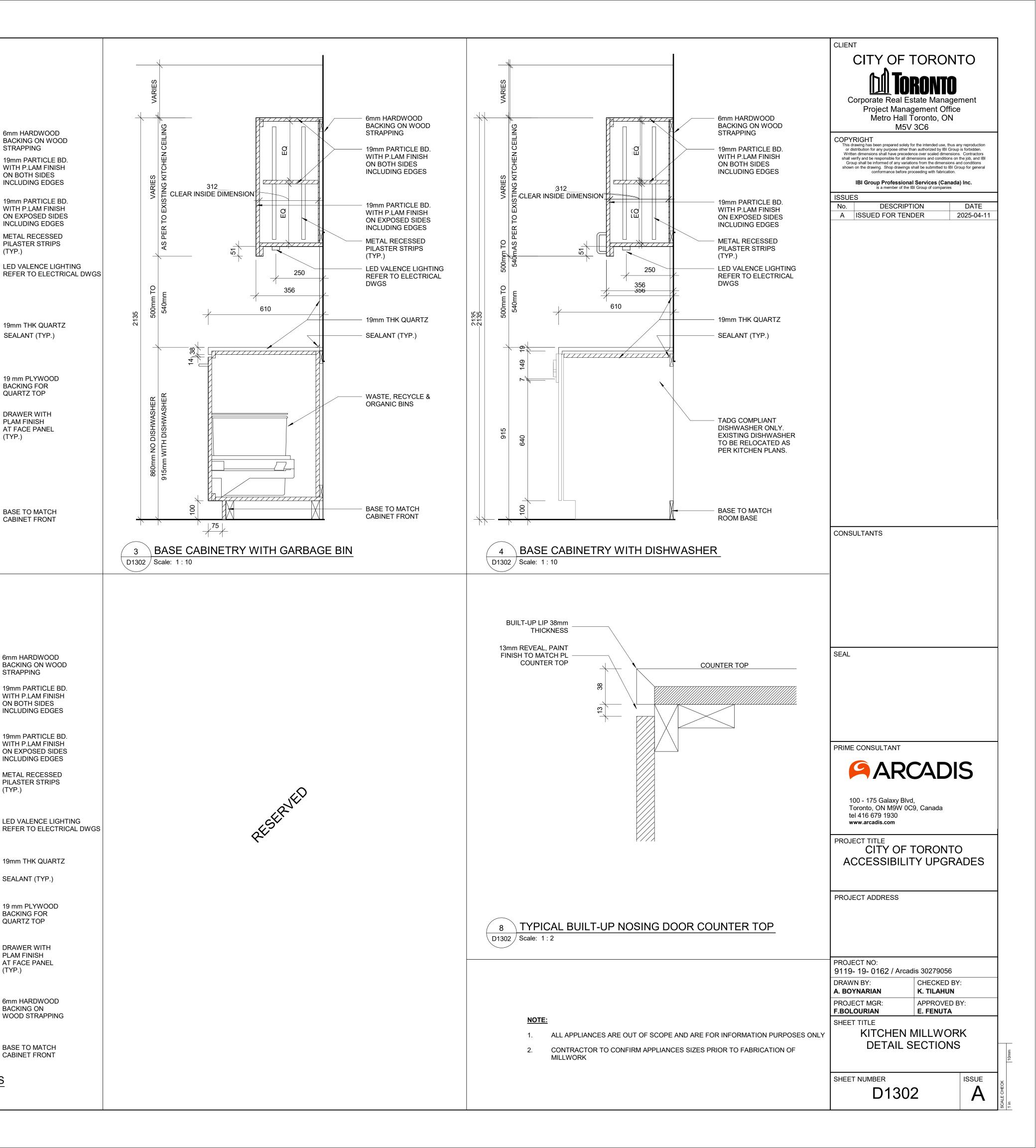
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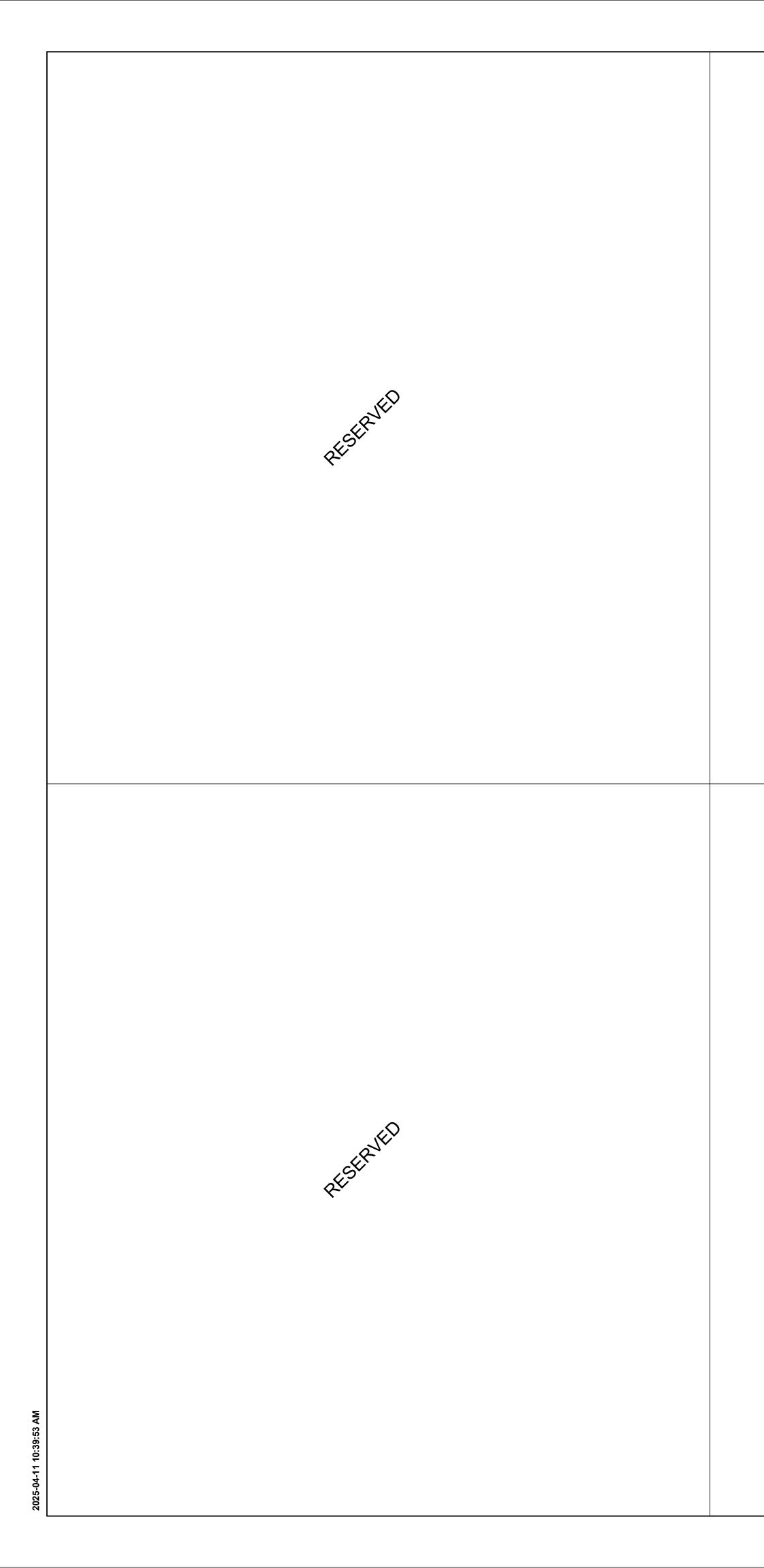
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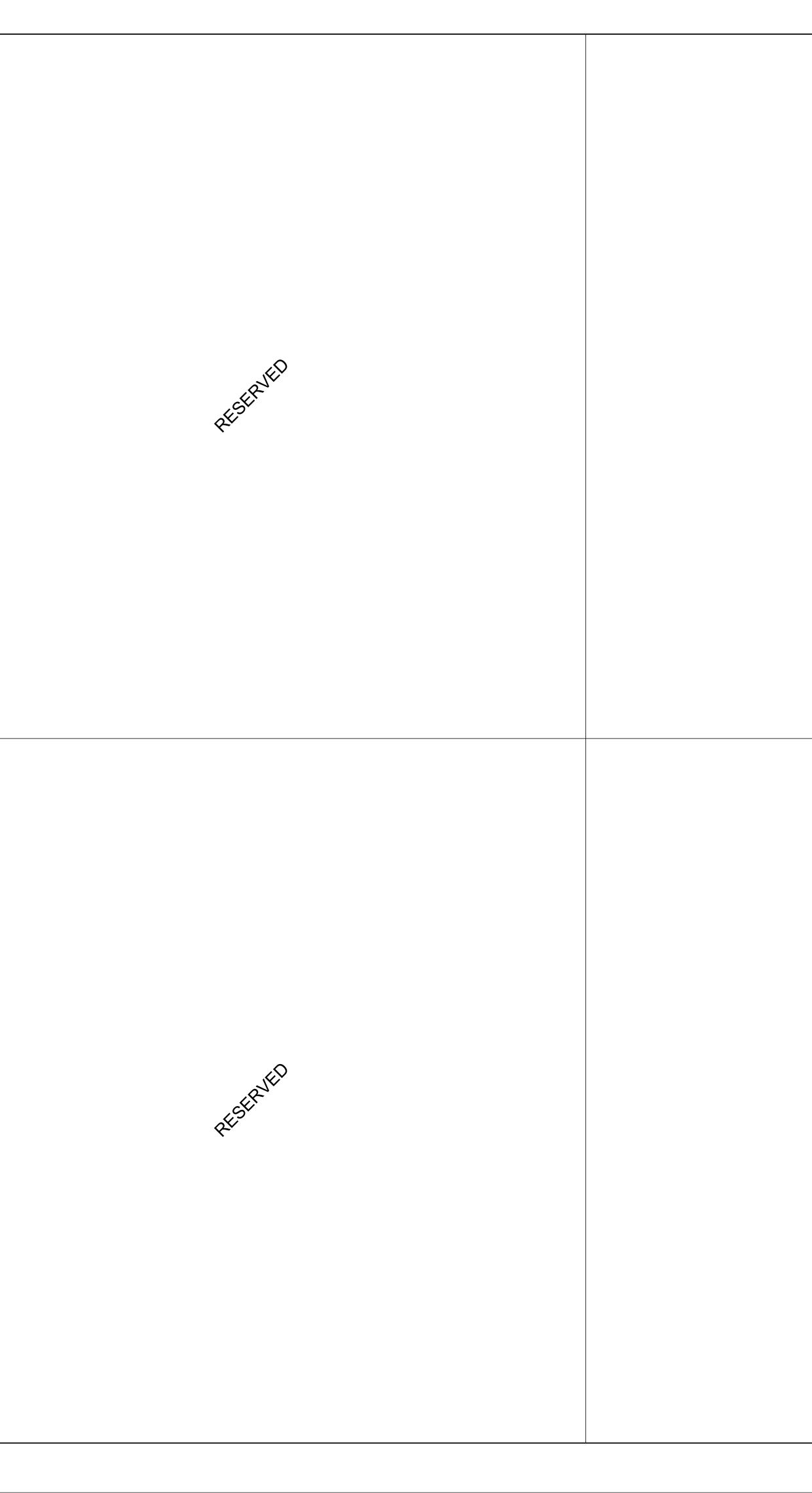




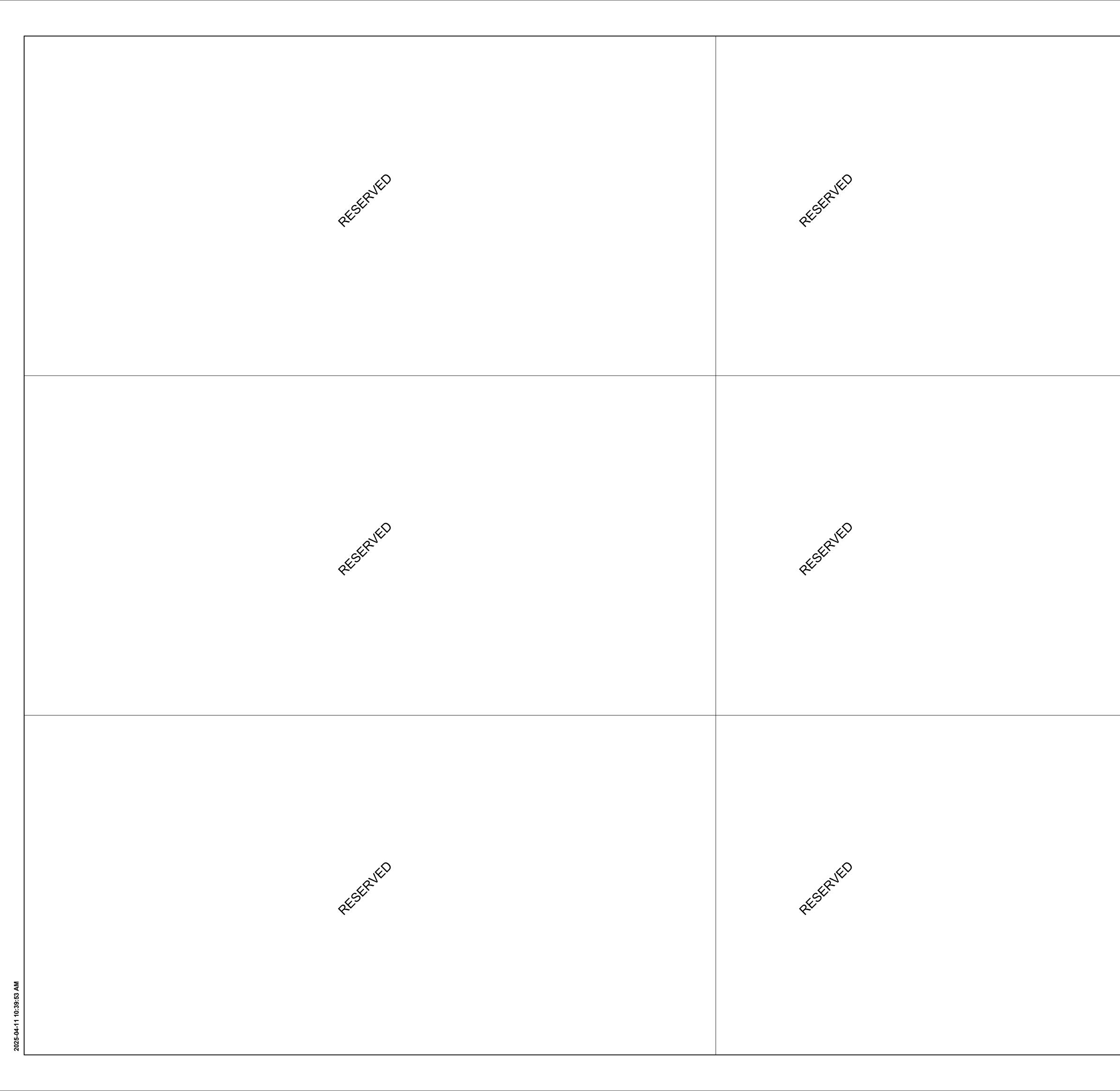




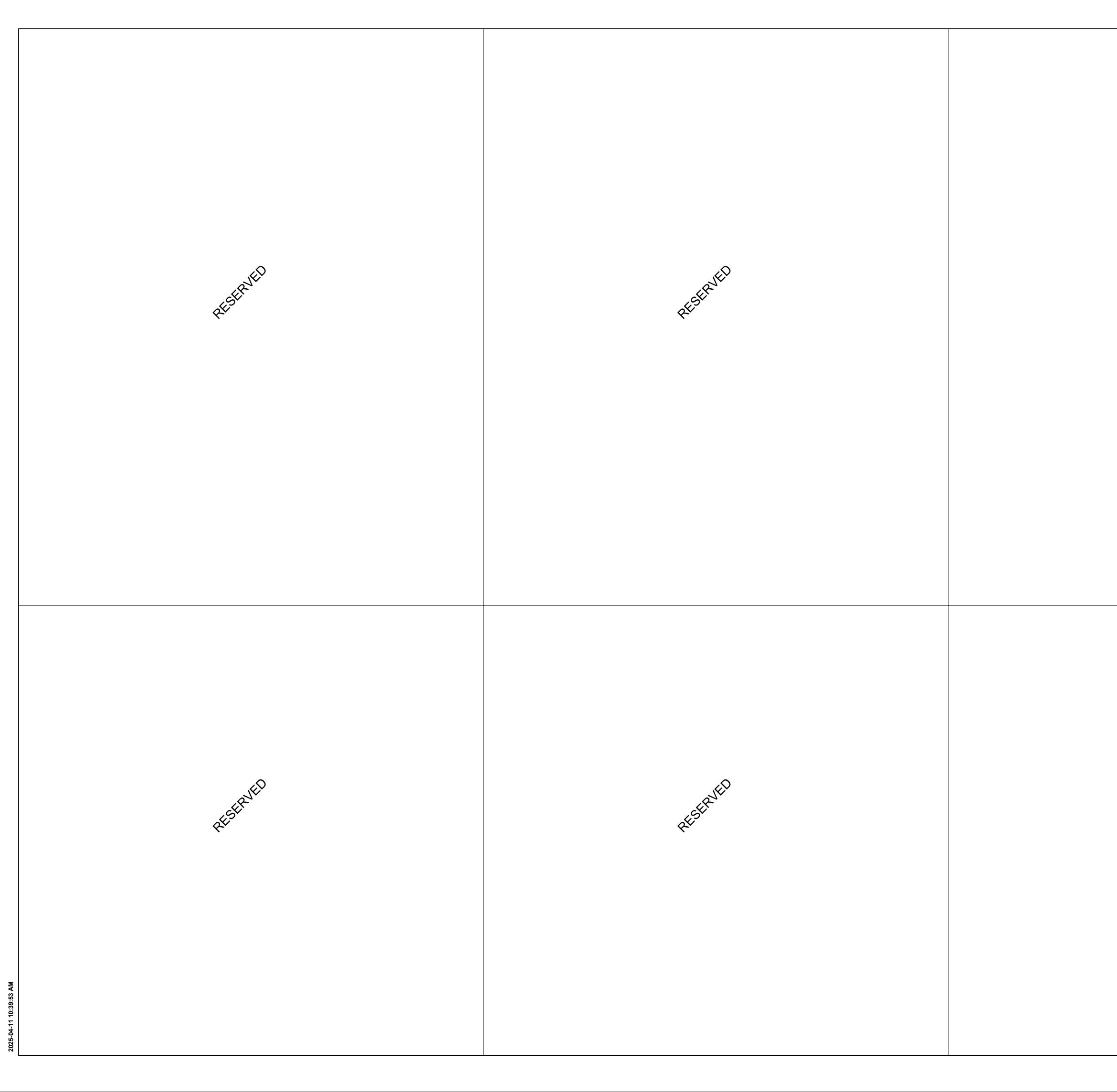




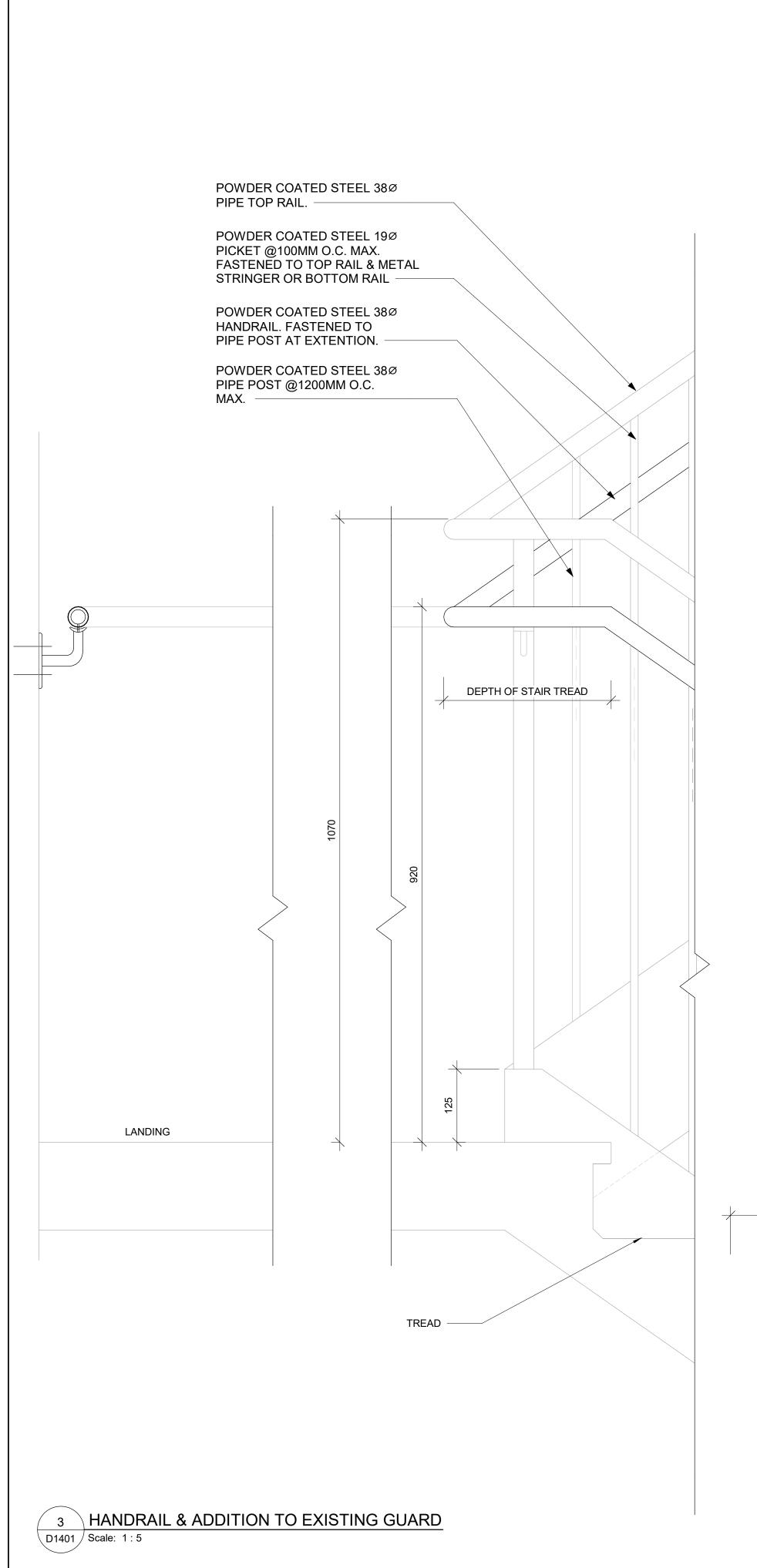
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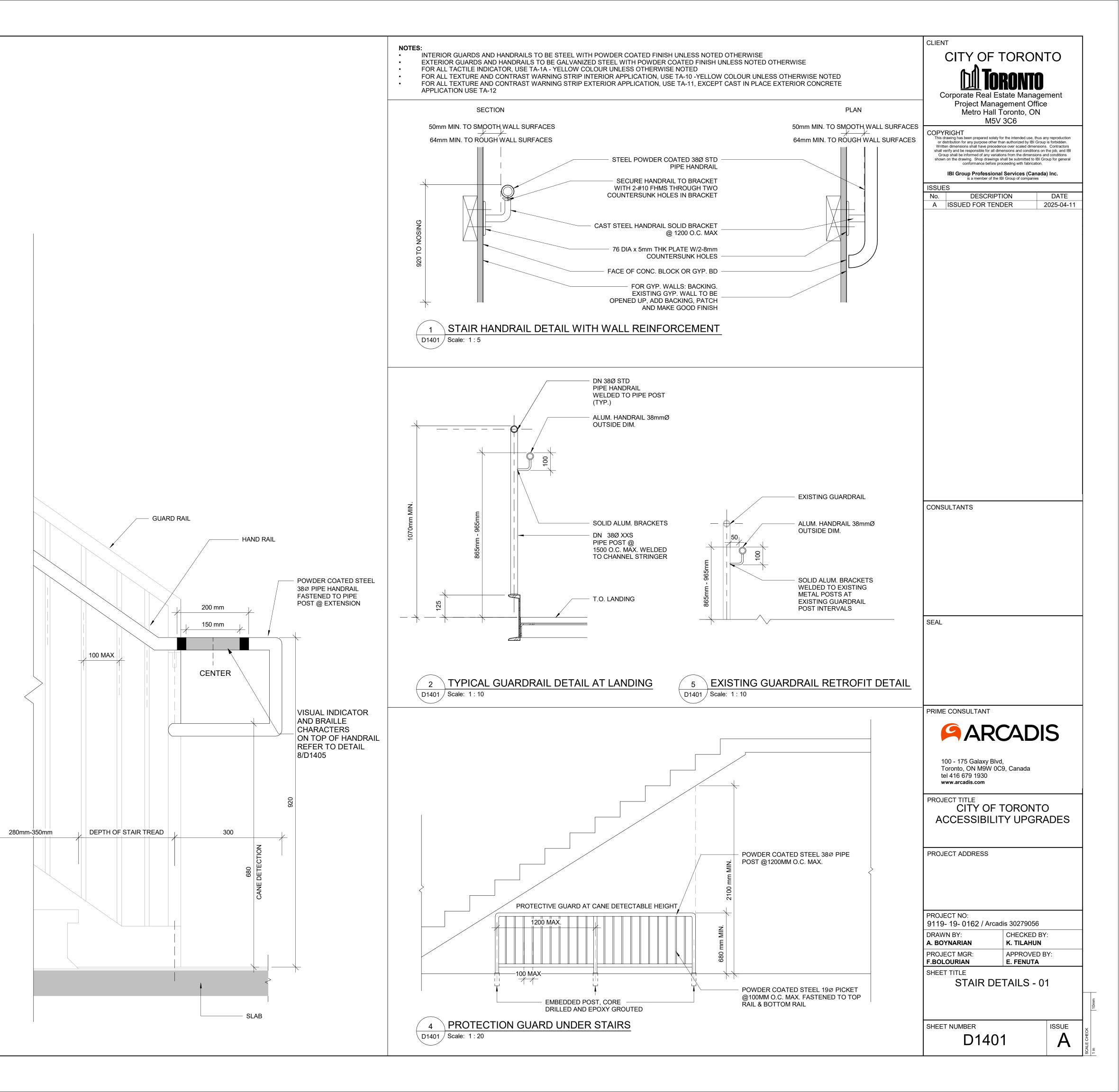


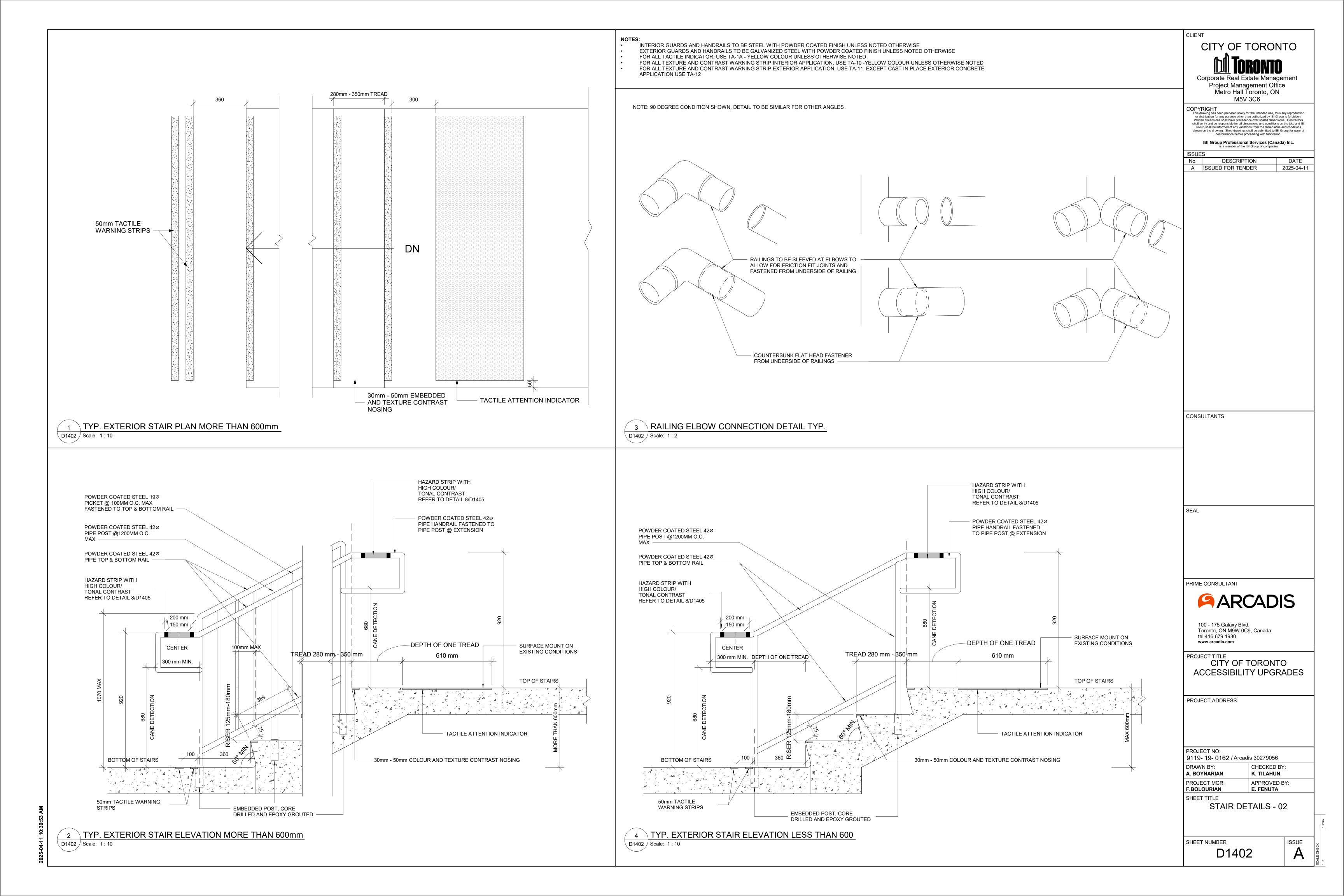
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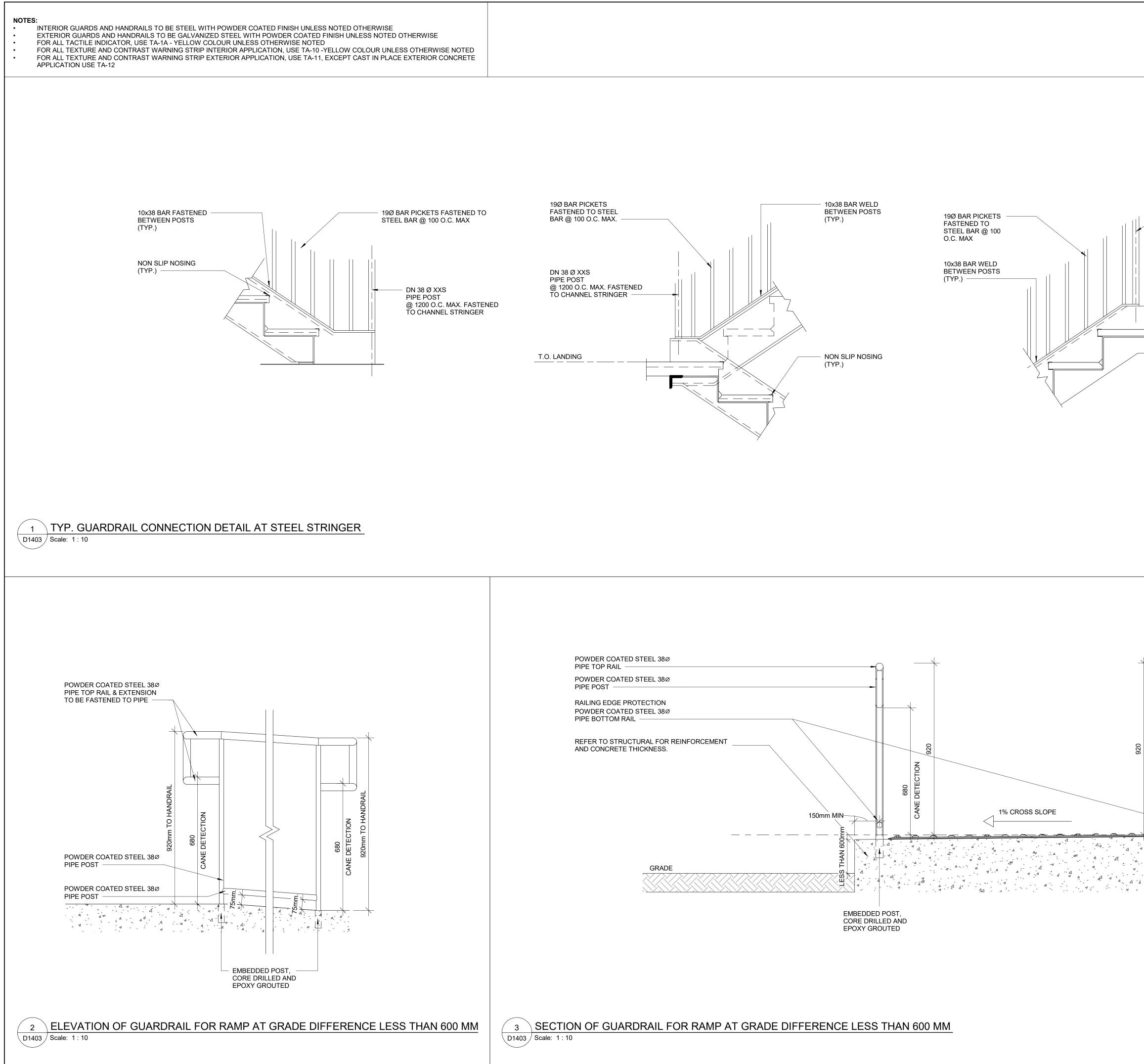


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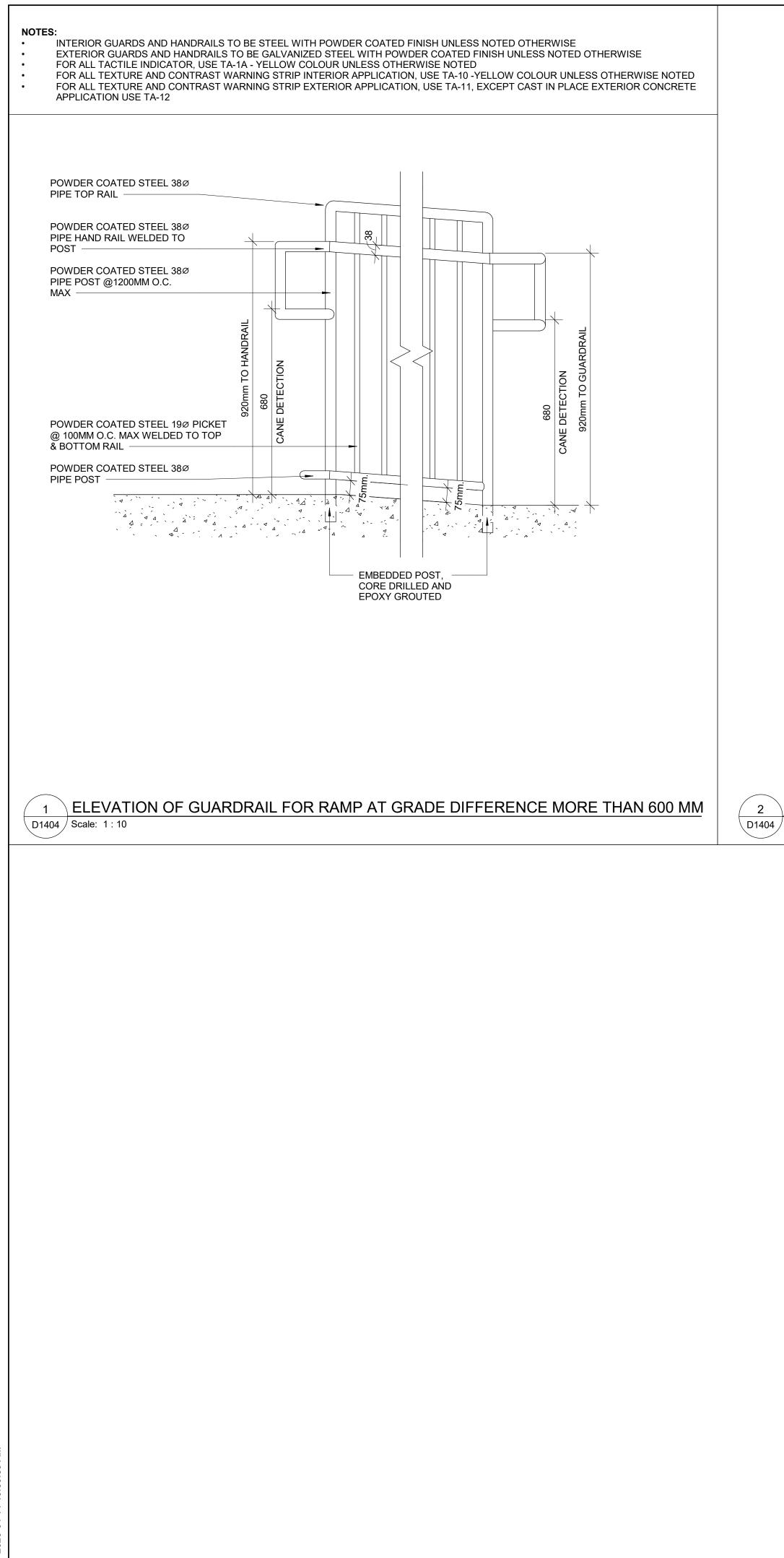


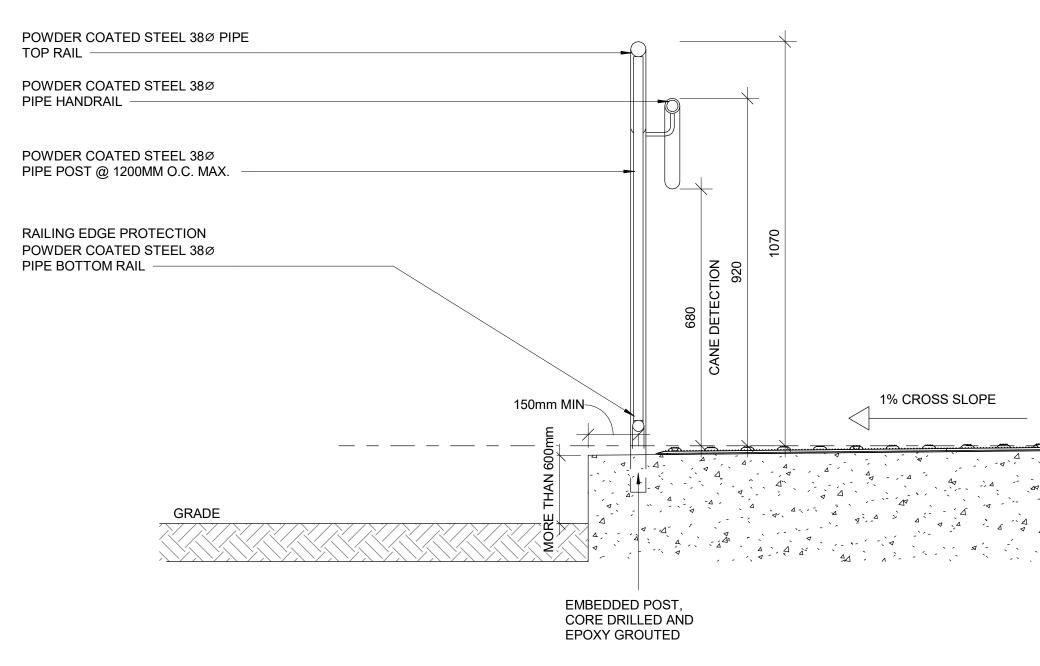




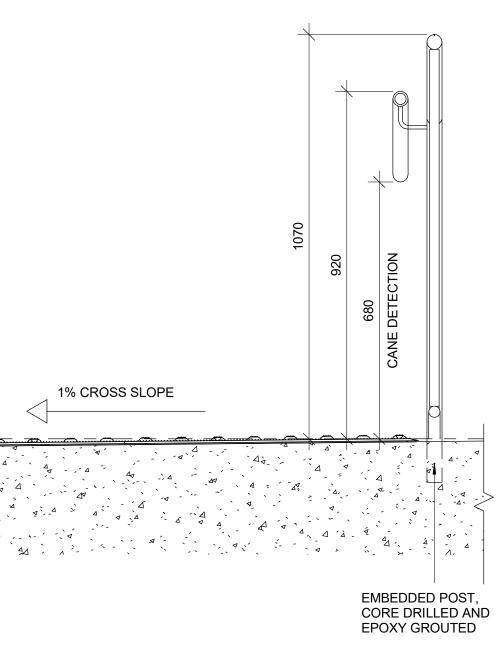


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2 SECTION OF GUARDRAIL FOR RAMP AT GRADE DIFFERENCE MORE THAN 600 MM D1404 Scale: 1:10



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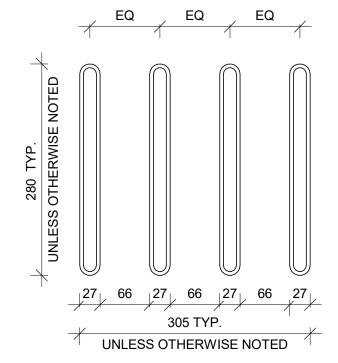
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TA-8 INTERIOR APPLICATION



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

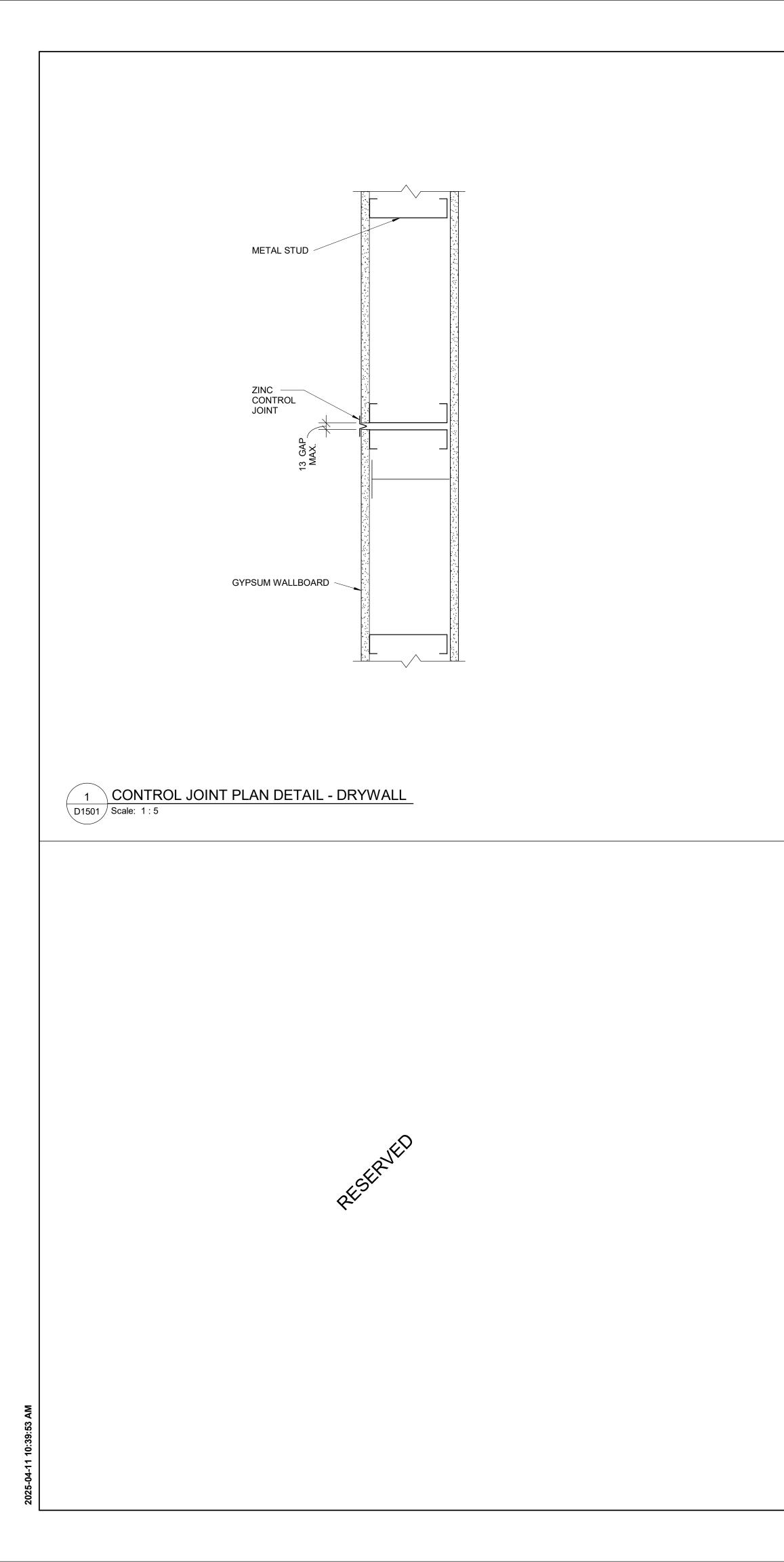
> BRAILLE INDICATES FLOOR LEVEL AND NUMBER ON TOP OF RAILING. SEE 10/D1405

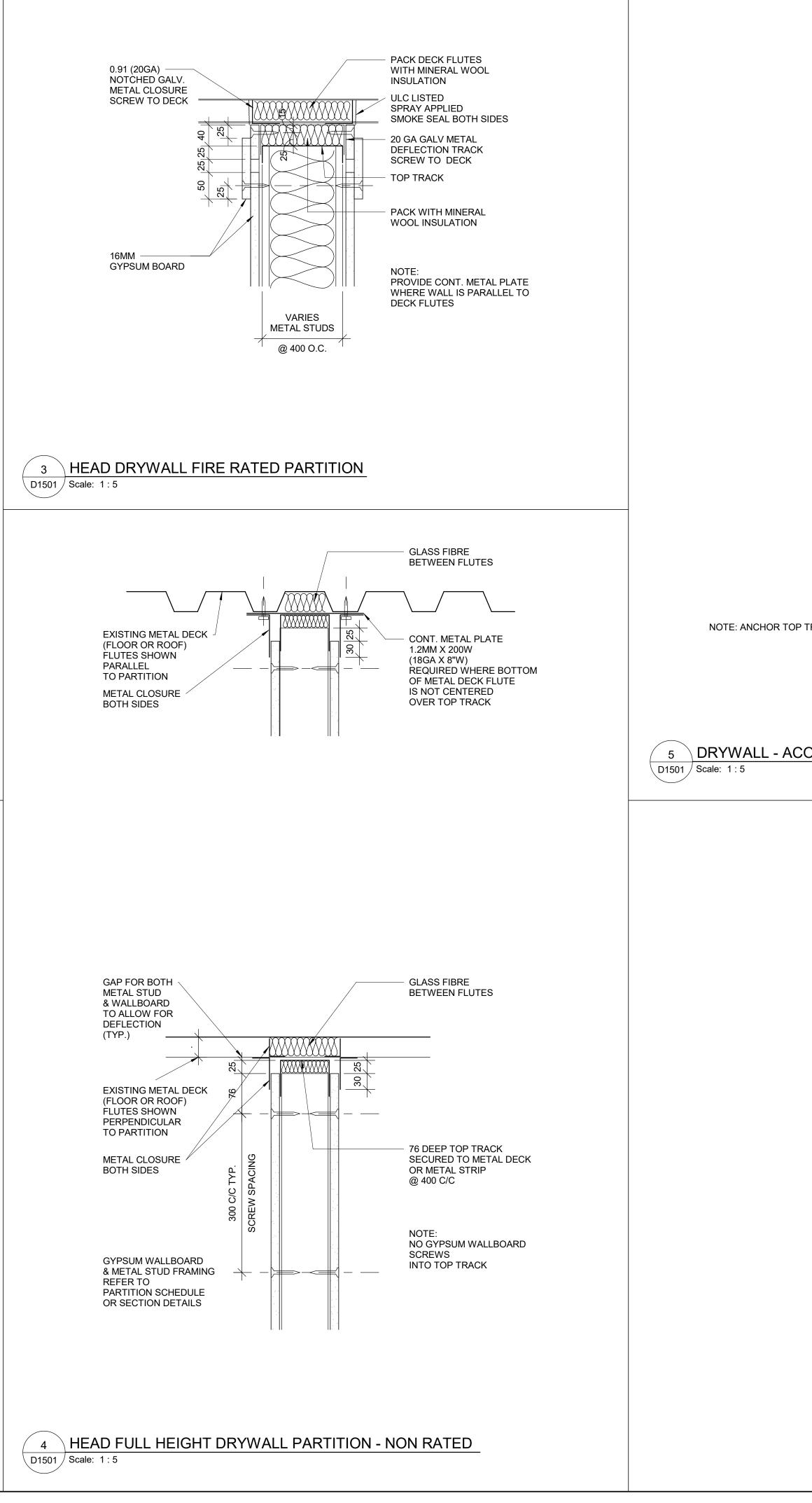
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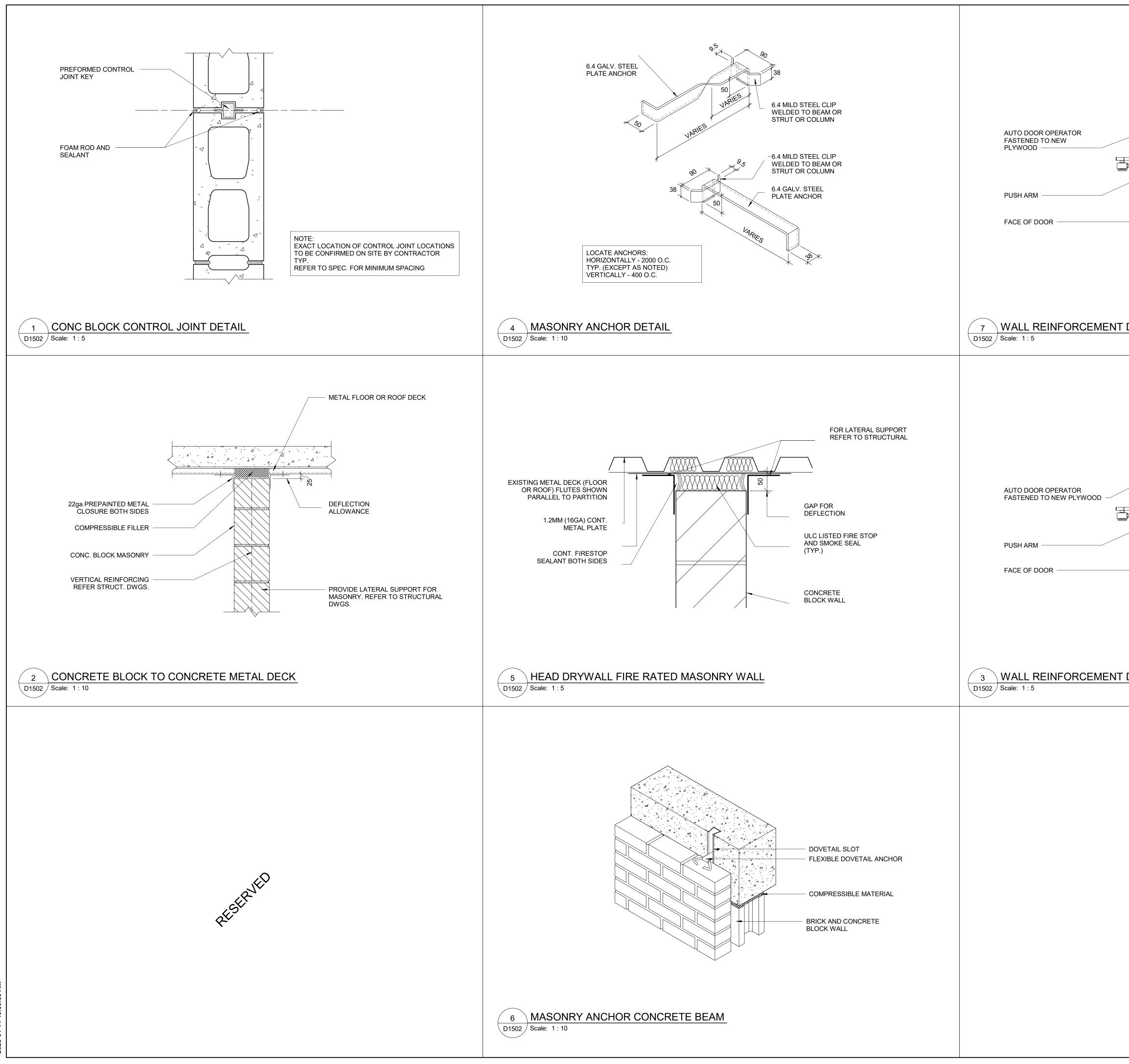


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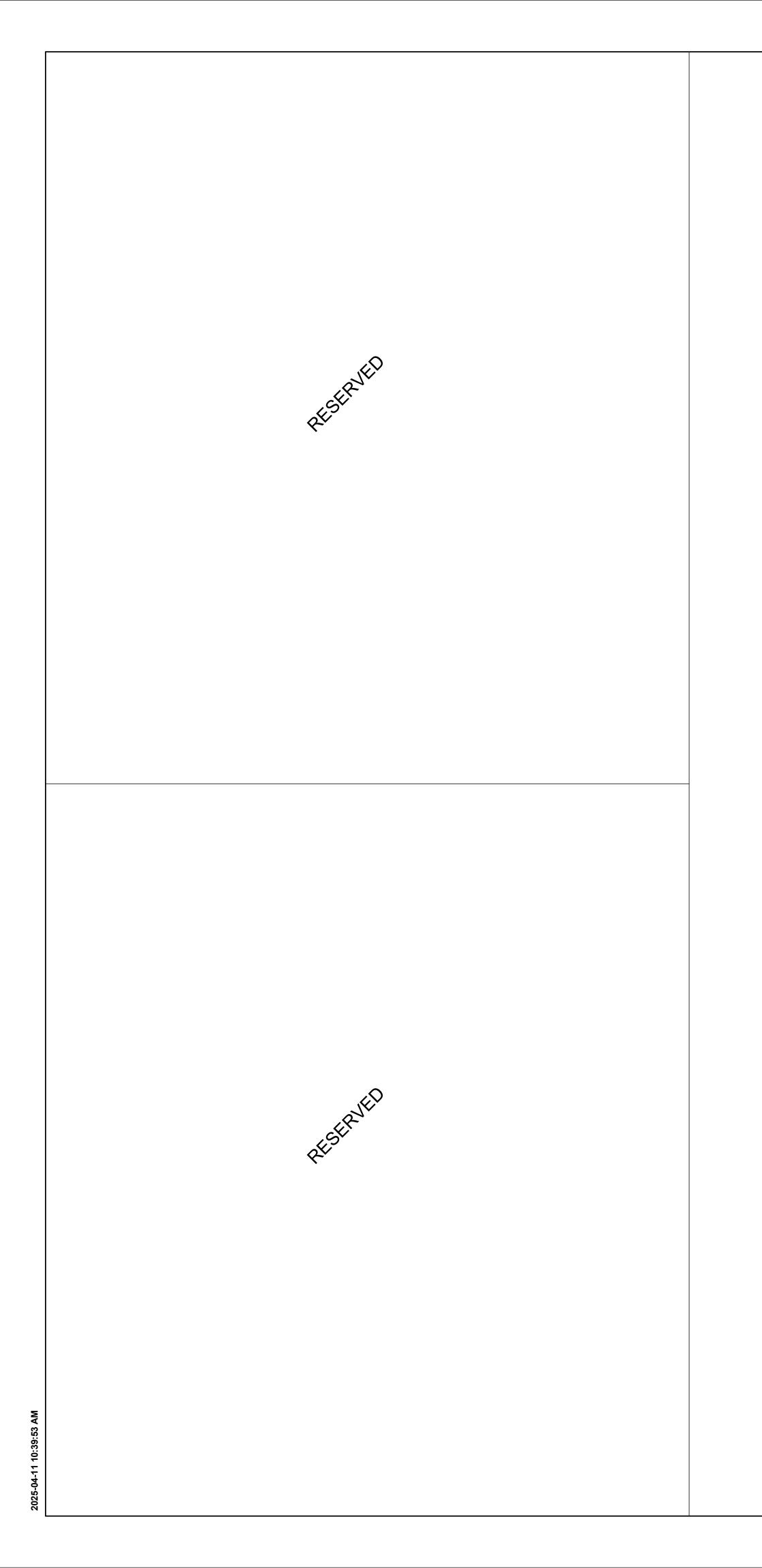


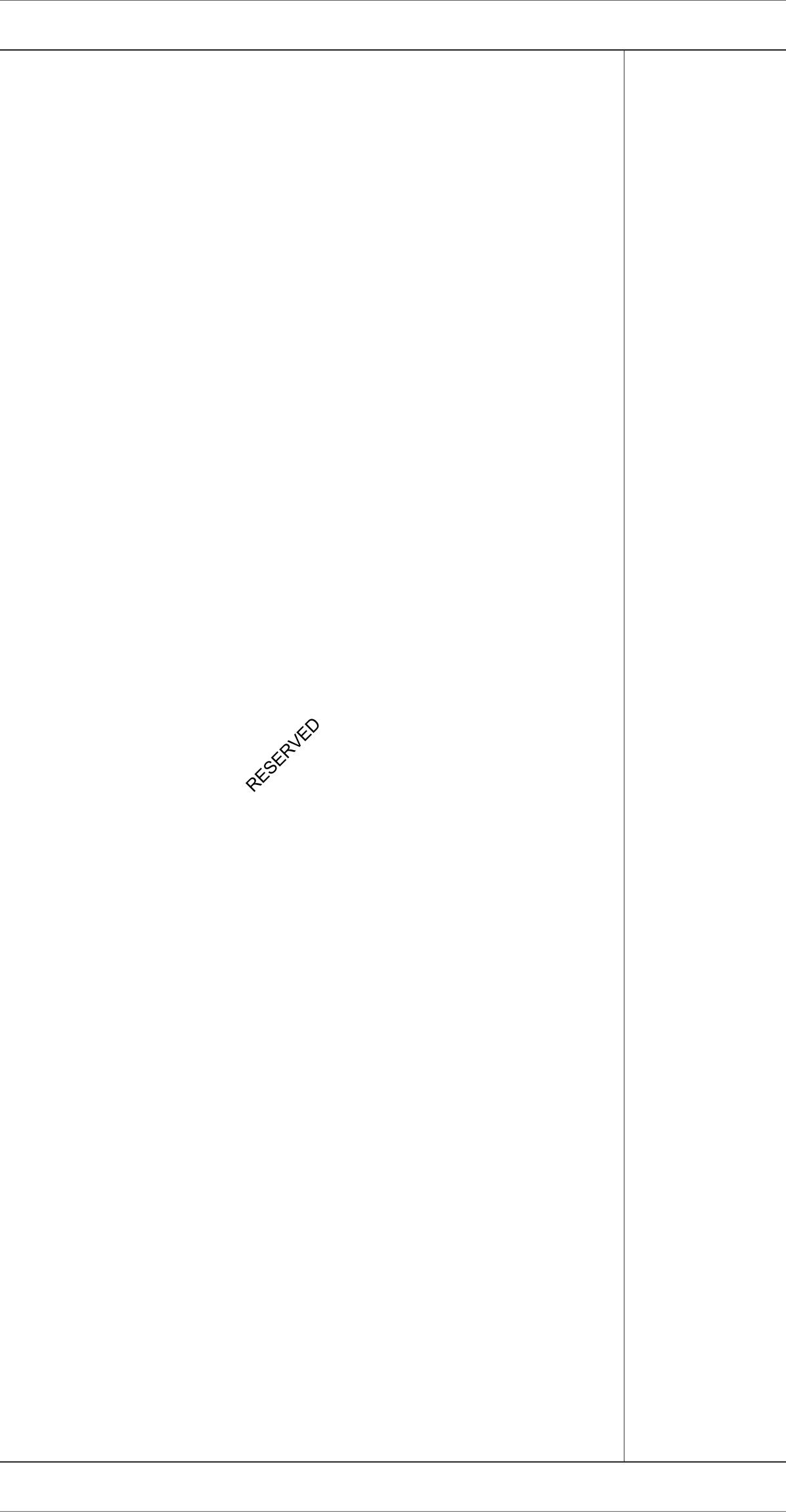


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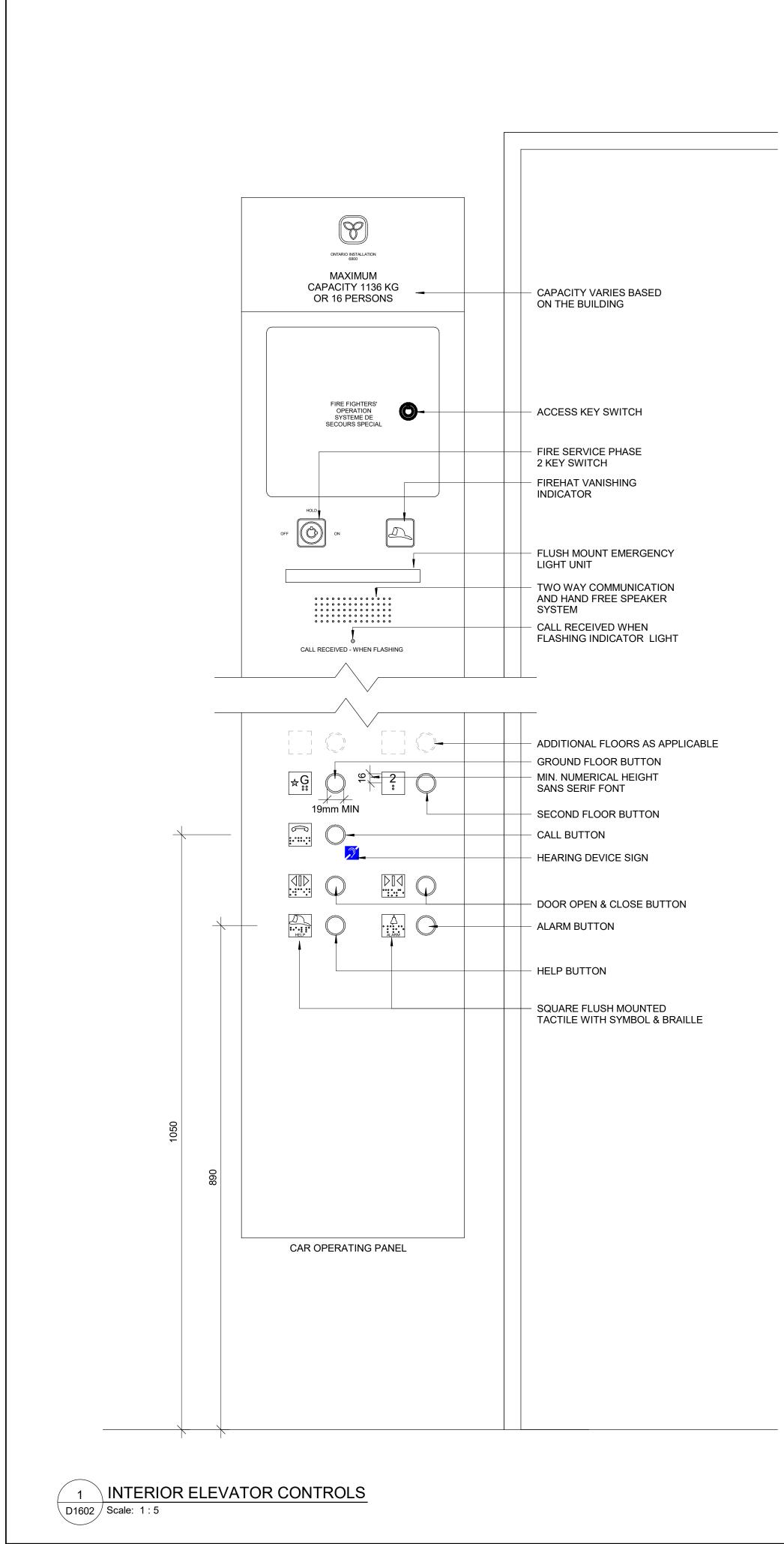
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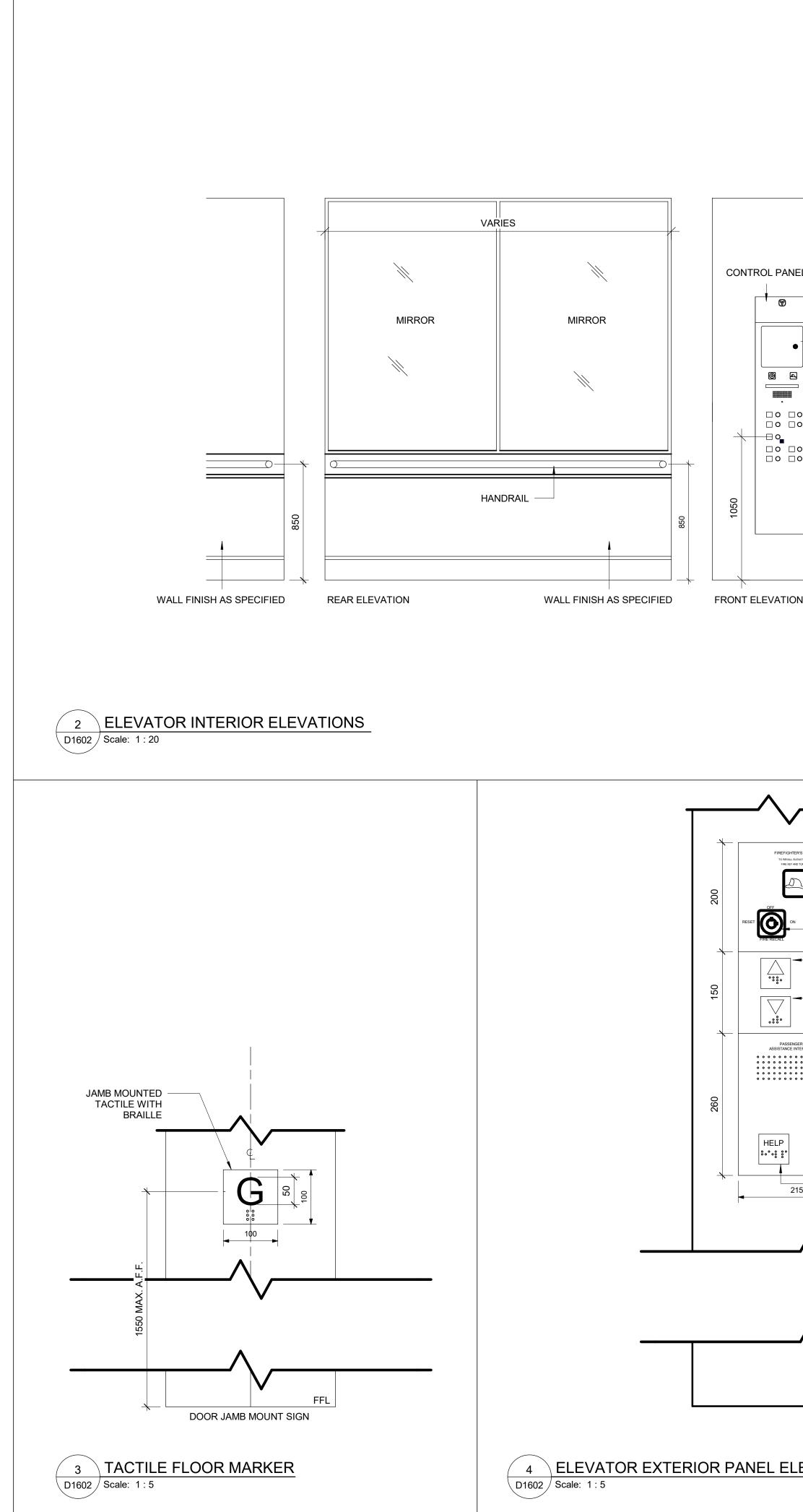


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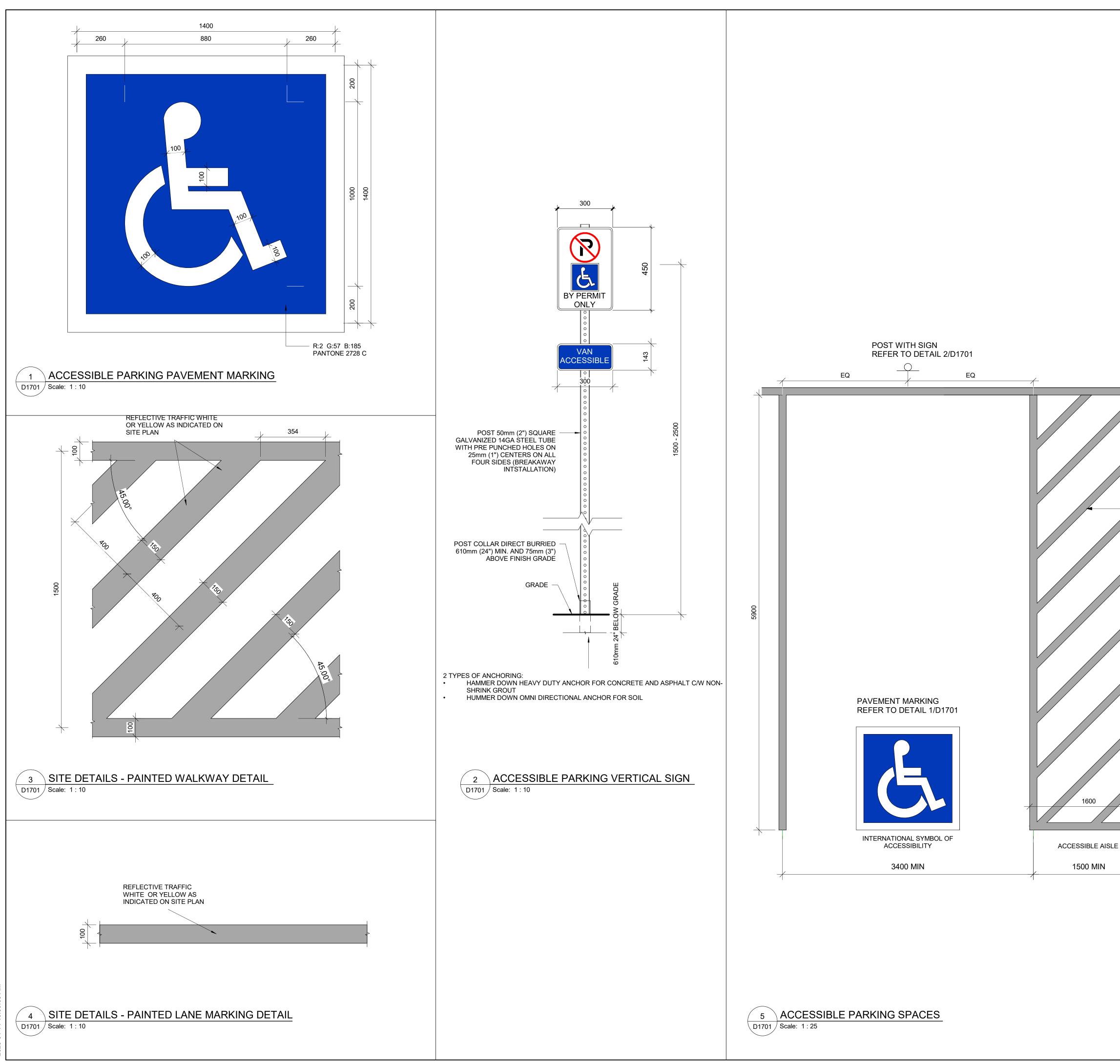




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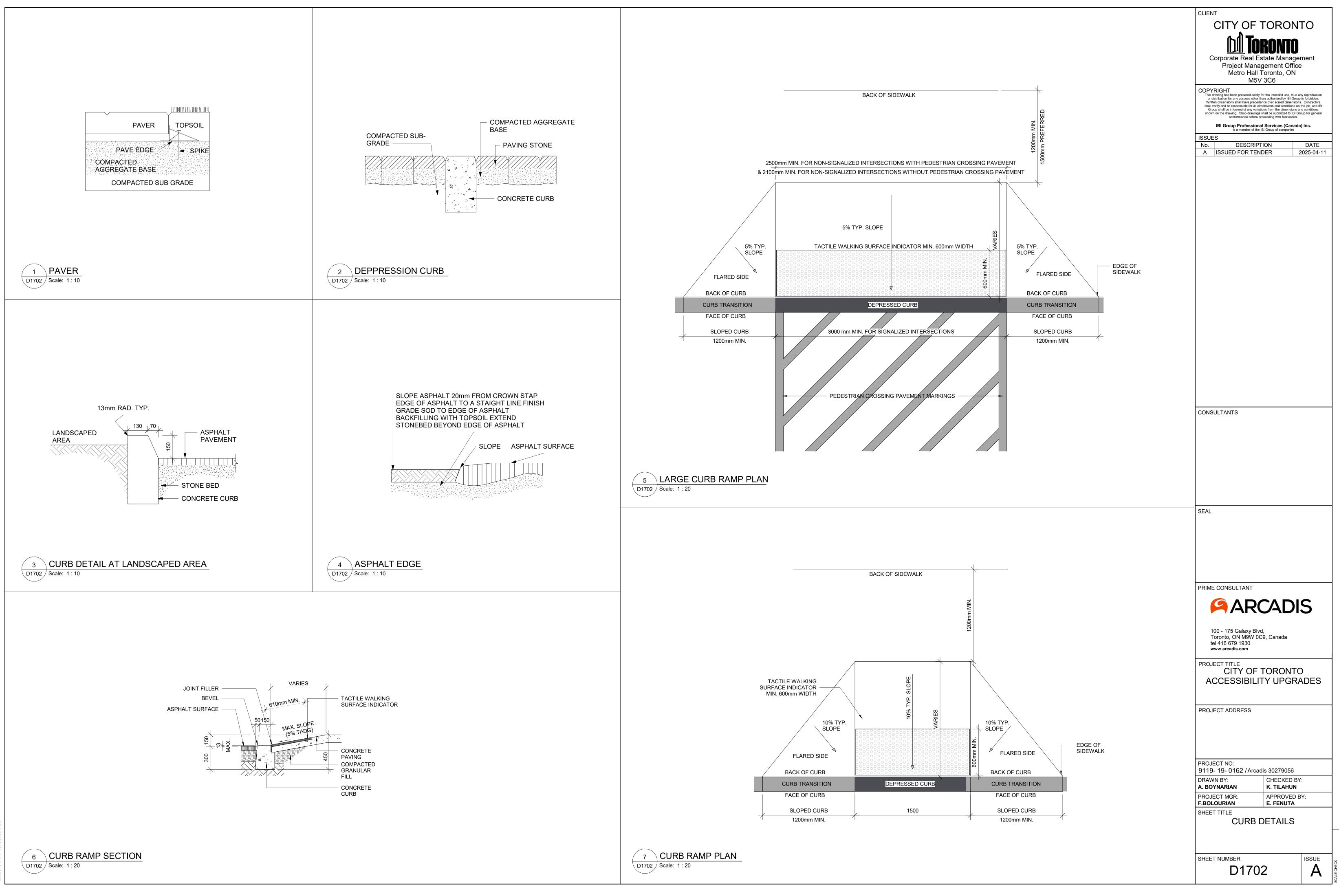


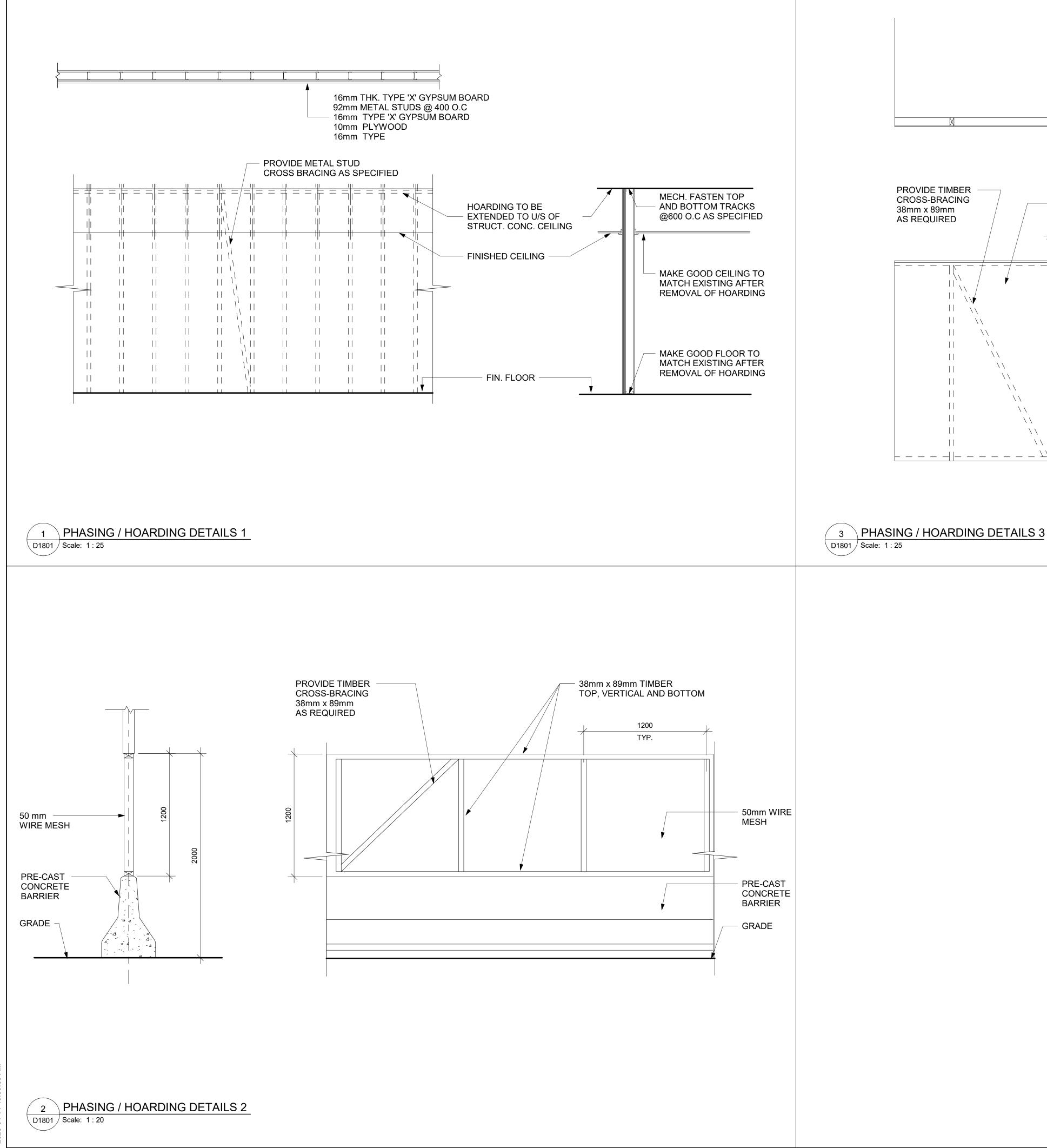
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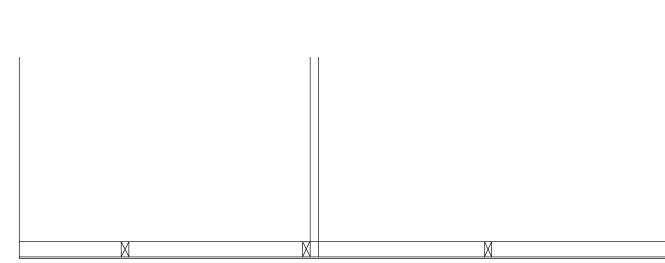
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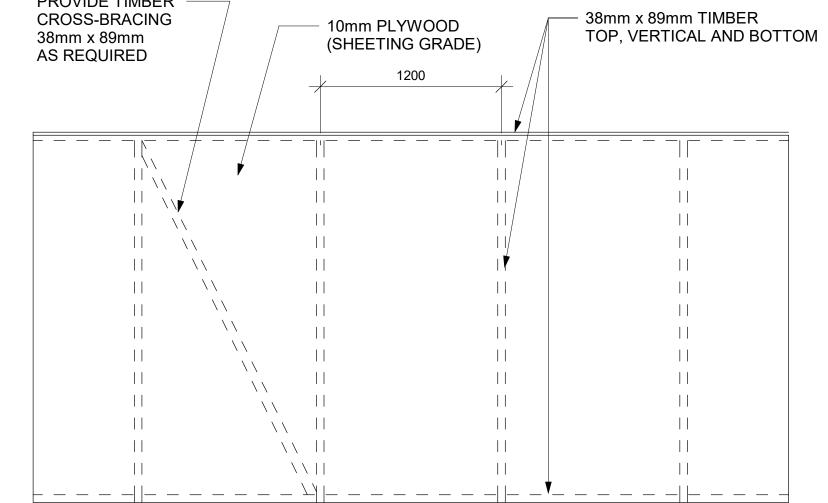
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	PROJECT NO:9119-19-0162 / Arcadis 30279056DRAWN BY:CHECKED BY:A. BOYNARIANK. TILAHUNPROJECT MGR:APPROVED BY:F.BOLOURIANE. FENUTA
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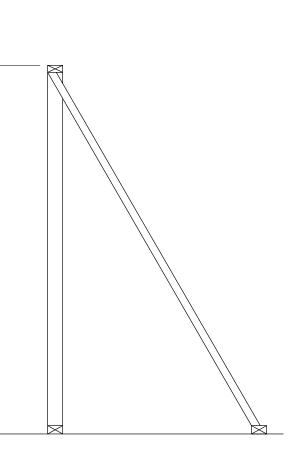












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PROJECT NO: 9119- 19- 0162 /Arcadis 30279056 DRAWN BY: A. BOYNARIAN PROJECT MGR: F.BOLOURIAN SHEET TITLE HOARDING DETAILS	

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

GRADE 1 BRAILLE

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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:

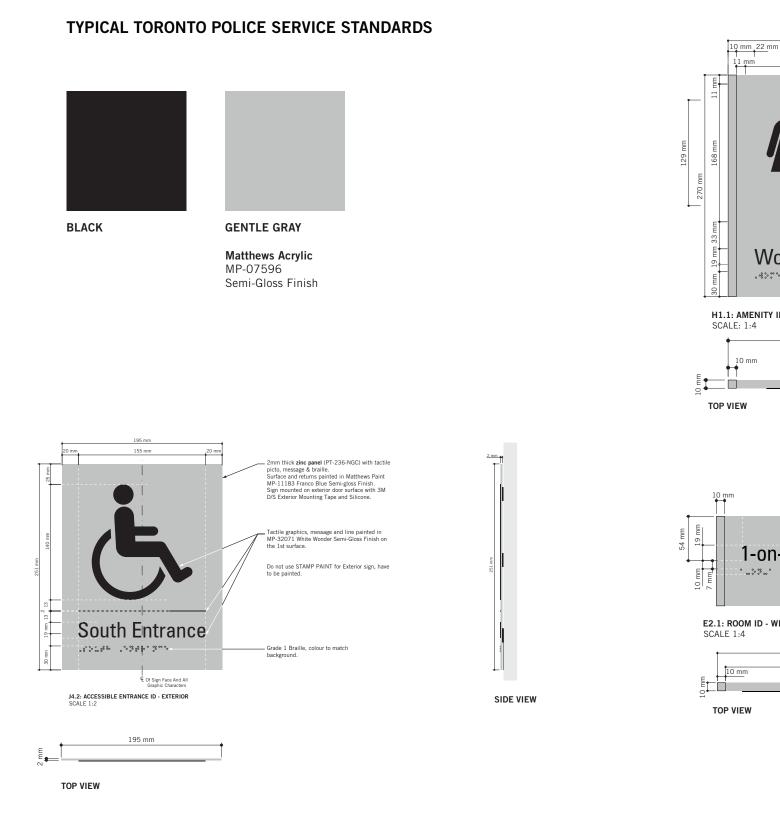


Semi-Gloss Finish Vinyl

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

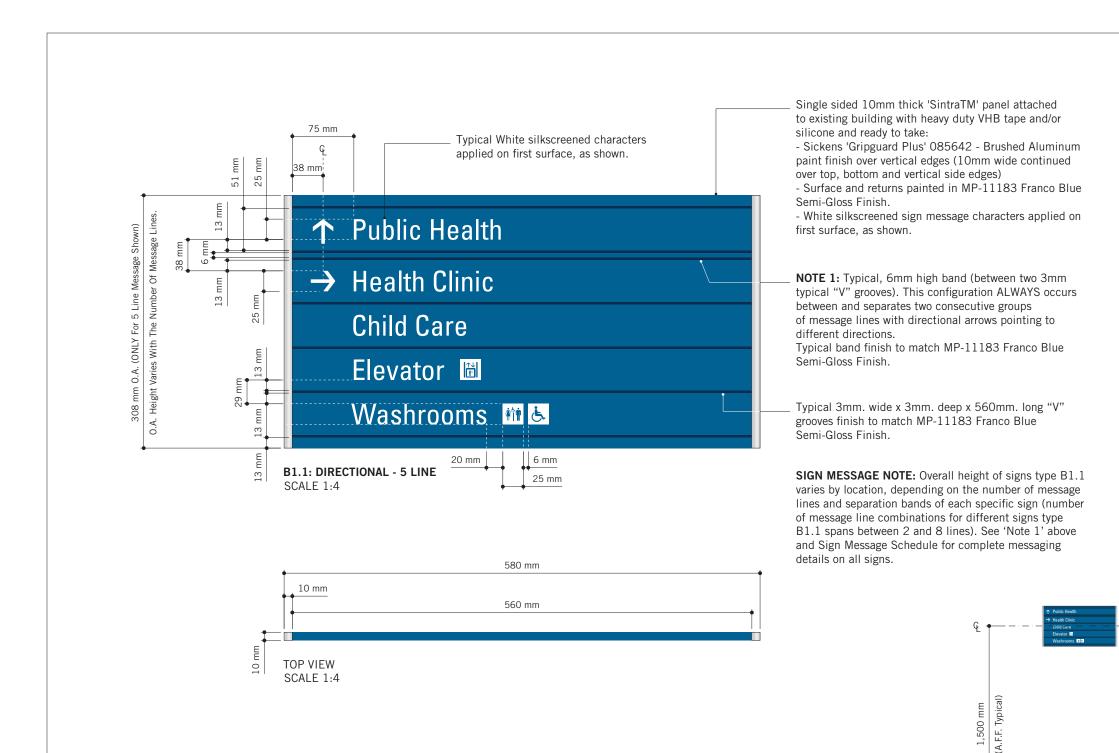




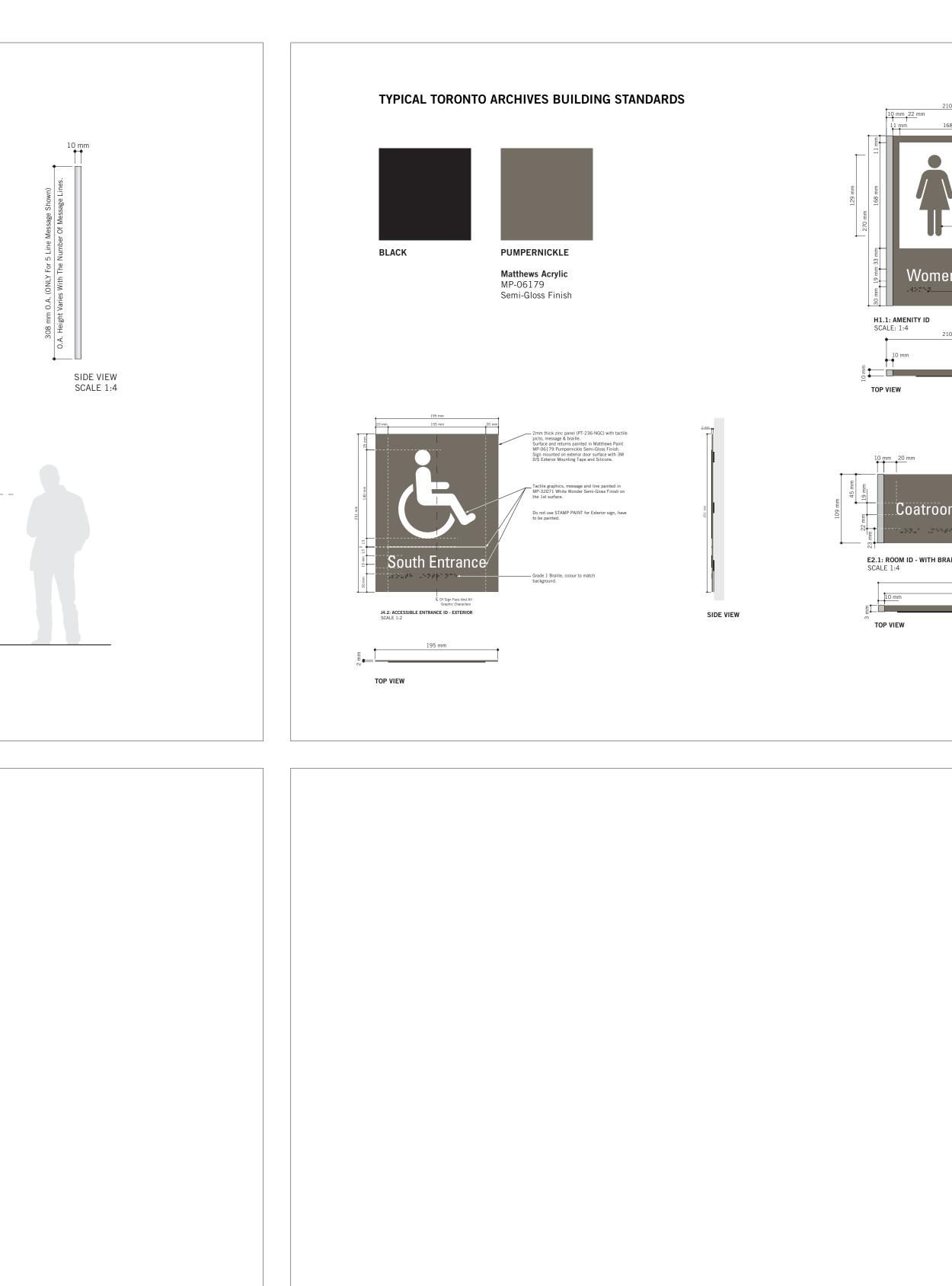


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$\left \begin{array}{c} \overbrace{\begin{aligned} \hline \\ \hline $	COPYRIGHT This drawing has been prepared solely for the intended use, thus a or distribution for any purpose other than authorized by IBI Group Written dimensions shall have precedence over scaled dimensions shall verify and be responsible for all dimensions and conditions on Group shall be informed of any variations from the dimensions a shown on the drawing. Shop drawings shall be submitted to IBI Group conformance before proceeding with fabrication. IBI Group Professional Services (Canada is a member of the IBI Group of companies ISSUES No. DESCRIPTION A ISSUED FOR TENDER 20	p is forbidden. is. Contractors in the job, and IBI and conditions roup for general
$\begin{array}{cccc} \hline Changeroom & Elevator & Freight \\ \hline Changeroom & Elevator & Freight \\ \hline Changeroom & Elevator & Freight \\ \hline Changeroom & Freight \\ \hline C$		
	CONSULTANTS	
210 mm m 22 mm 168 mm 11 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 Finish on the 1st surface	SEAL	
Women Grade 1 Braille, colour to match background ENITY ID I:4 210 mm 10 mm 10 mm 10 mm	PRIME CONSULTANT PRIME CONSULTANT 100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com	S
10 x 10mm MP-07596 Gentle Gray Semi-Gloss Finish Bar on both ends 10 mm 10mm thick Novacryl panel (PT-236-NGC) with tactile picto, message & braille. In MP-07596 Gentle Gray Semi-Gloss Finish 10 mm Tactile picto silkscreened in MP-07596 Gentle Gray Semi-Gloss Finish Tactile picto silkscreened in MP-07596 Gentle Gray Semi-Gloss Finish M ID - WITH BRAILLE Sign mounted on interior Door surface with 3M D/S Clear Silicone Mounting Tape.	PROJECT TITLE CITY OF TORONTO ACCESSIBILITY UPGRA PROJECT ADDRESS GROUP 05 BUILDIN	ADES
275 mm SIDE VIEW 255 mm If mounted on Glass Surface: apply same size MP-07596 Gentle Gray 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.	PROJECT NO: 9119 – 19 – 0162 / Arcadis 30279056 DRAWN BY: M.LOW C.D. SCHN PROJECT MGR: R. DALY SHEET TITLE SIGNAGE & WAYFIND DETAILS	Y: I OBB 3Y:
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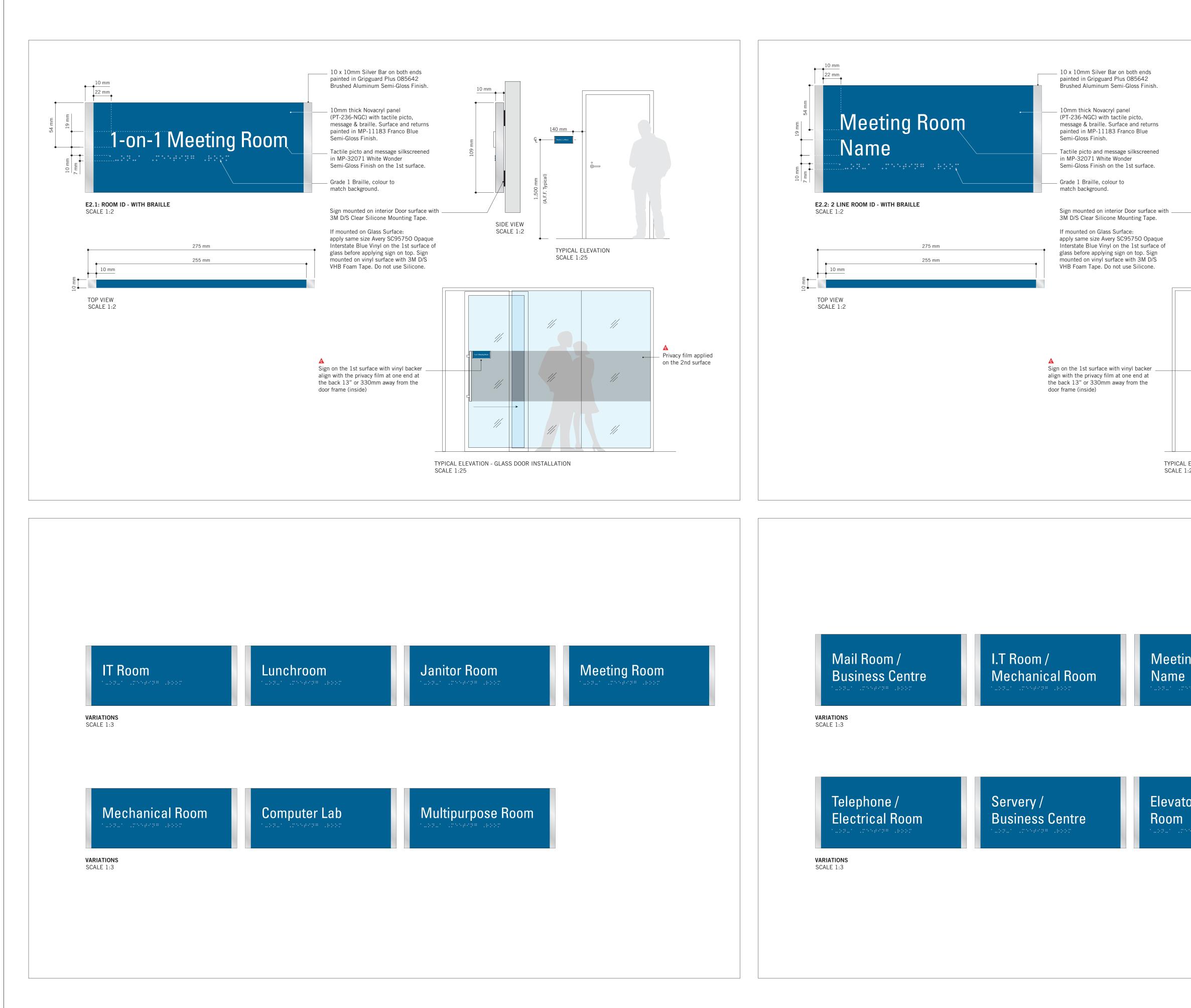


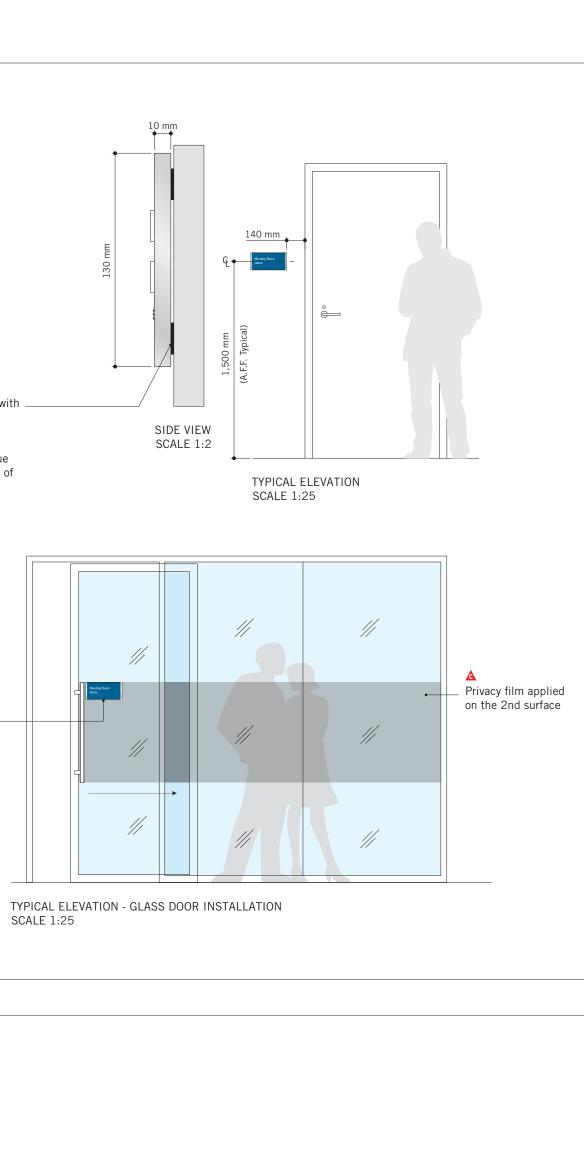
TYPICAL ELEVATION SCALE 1:25



Grip finis 10m MP- Sign Silic 168 MP- Tact Pur Tact Won	10mm silver bars on both ends painted in guard Plus 085642 brushed aluminum matte n m thick Novacryl panel (PT-236-NGC) In D6179 Pumpernickle Semi-Gloss Finish mounted on wall surface with 3M D-S Clear one Mounting Tape & Silicone mm x 168mm Inside area painted area in 32071 White Wonder Semi-Gloss Finish He picto silkscreened in MP-06179 pernickle Semi-Gloss Finish He message silkscreened in MP-32071 White der matte finish on the 1st surface e 1 Braille, colour to match background	
n 10 mm 10 mm 5 mm 55 mm	Image: bit is sufficient of the state	

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shown on the drawing. Shop drawings shall be submitted to IBI Gro conformance before proceeding with fabrication. IBI Group Professional Services (Canada)	up for general
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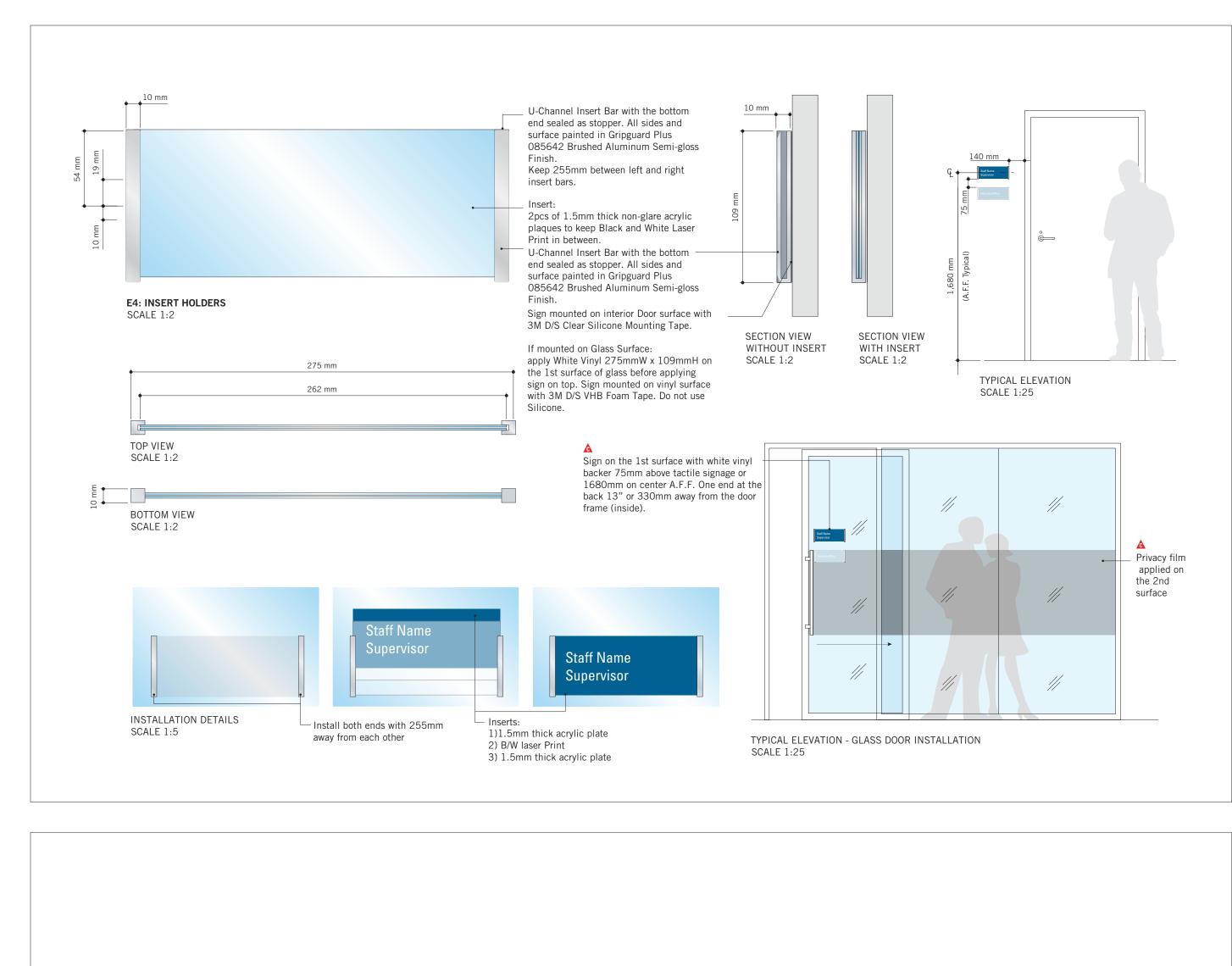




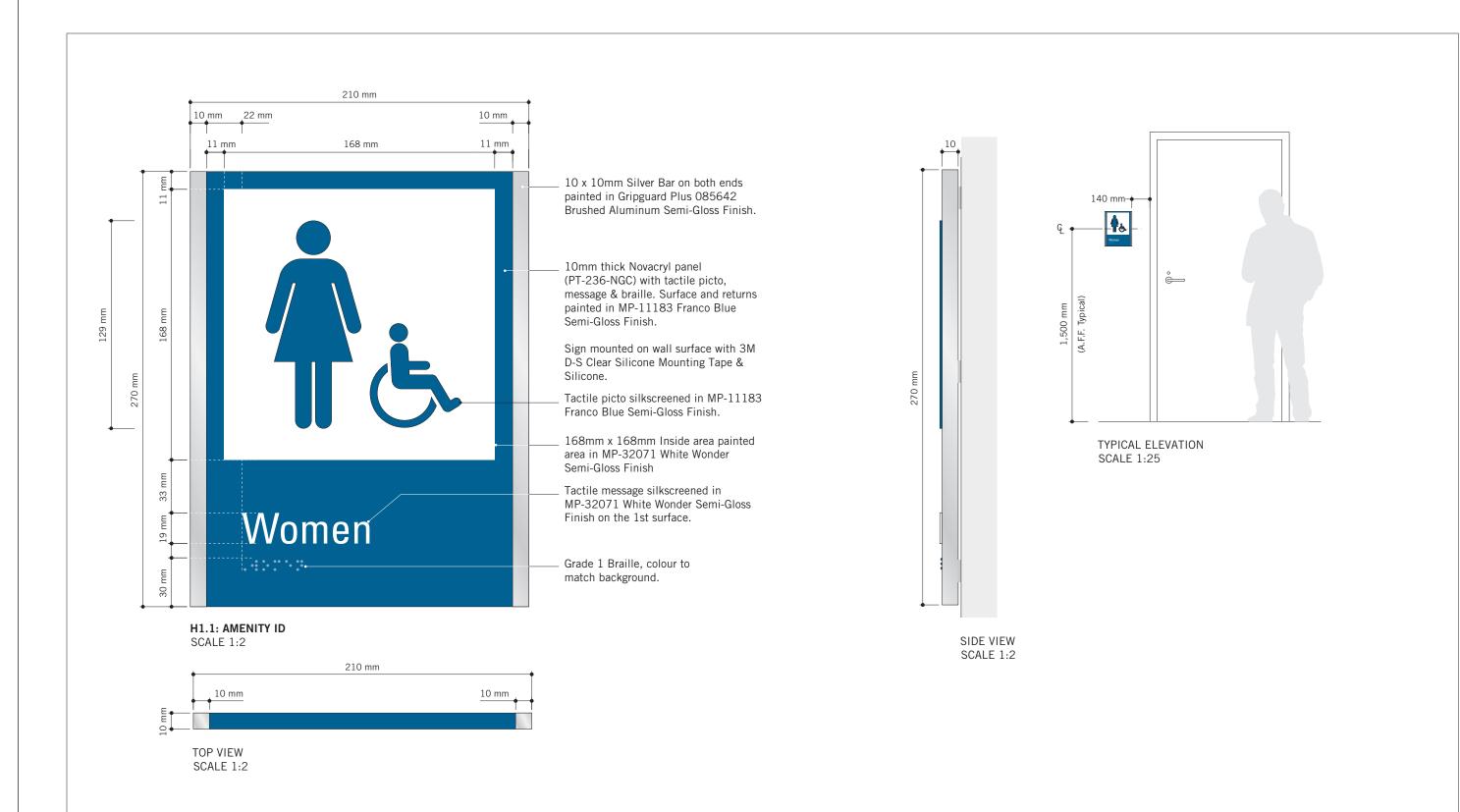
Meeting Room
Name

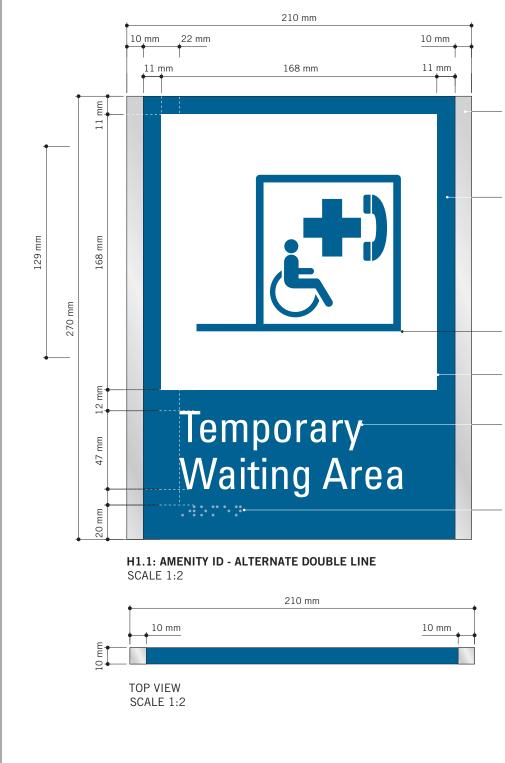
Elevator Machine

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M5V 3C6 COPYRIGHT This drawing has been prepared solely for the intended use or distribution for any purpose other than authorized by IB Written dimensions shall have precedence over scaled dim shall verify and be responsible for all dimensions and condit Group shall be informed of any variations from the dimen shown on the drawing. Shop drawings shall be submitted t conformance before proceeding with fabric IBI Group Professional Services (Ca is a member of the IBI Group of compared	Il Group is forbidden. Iensions. Contractors ions on the job, and IBI sions and conditions o IBI Group for general ation. anada) Inc.
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PRIME CONSULTANT PRIME CONSULTANT 100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930	ITO
PRIME CONSULTANT PRIME CONSULTANT 100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com PROJECT TITLE CITY OF TORON	ITO SRADES
PROJECT NO: PROJECT NO: 9119 – 19 – 0162 / Arcadis 30279 DRAWN BY: CHECKE	ITO SRADES VINGS 056 D BY: HNOBB
PRIME CONSULTANT PRIME CONSULTANT PROJECT 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com PROJECT TITLE CITY OF TORON ACCESSIBILITY UPC PROJECT ADDRESS GROUP 05 BUILD PROJECT NO: 9119 – 19 – 0162 / Arcadis 30279 DRAWN BY: M.LOW CHECKE C.D. SC PROJECT MGR: APPROV	ITO SRADES INGS 056 D BY: HNOBB ED BY: NDING



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PROJECT NO: 9119 – 19 – 0162 / Arcadis 30279056 DRAWN BY: M.LOW PROJECT MGR: R. DALY SHEET TITLE SIGNAGE & WAYFINE	OBB 3Y:
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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.

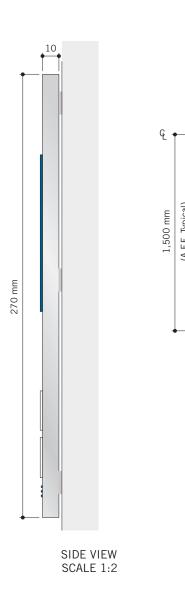
Sign mounted on wall surface with 3M D-S Clear Silicone Mounting Tape & Silicone.

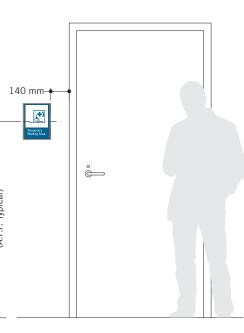
Tactile picto silkscreened in MP-11183 Franco Blue Semi-Gloss Finish.

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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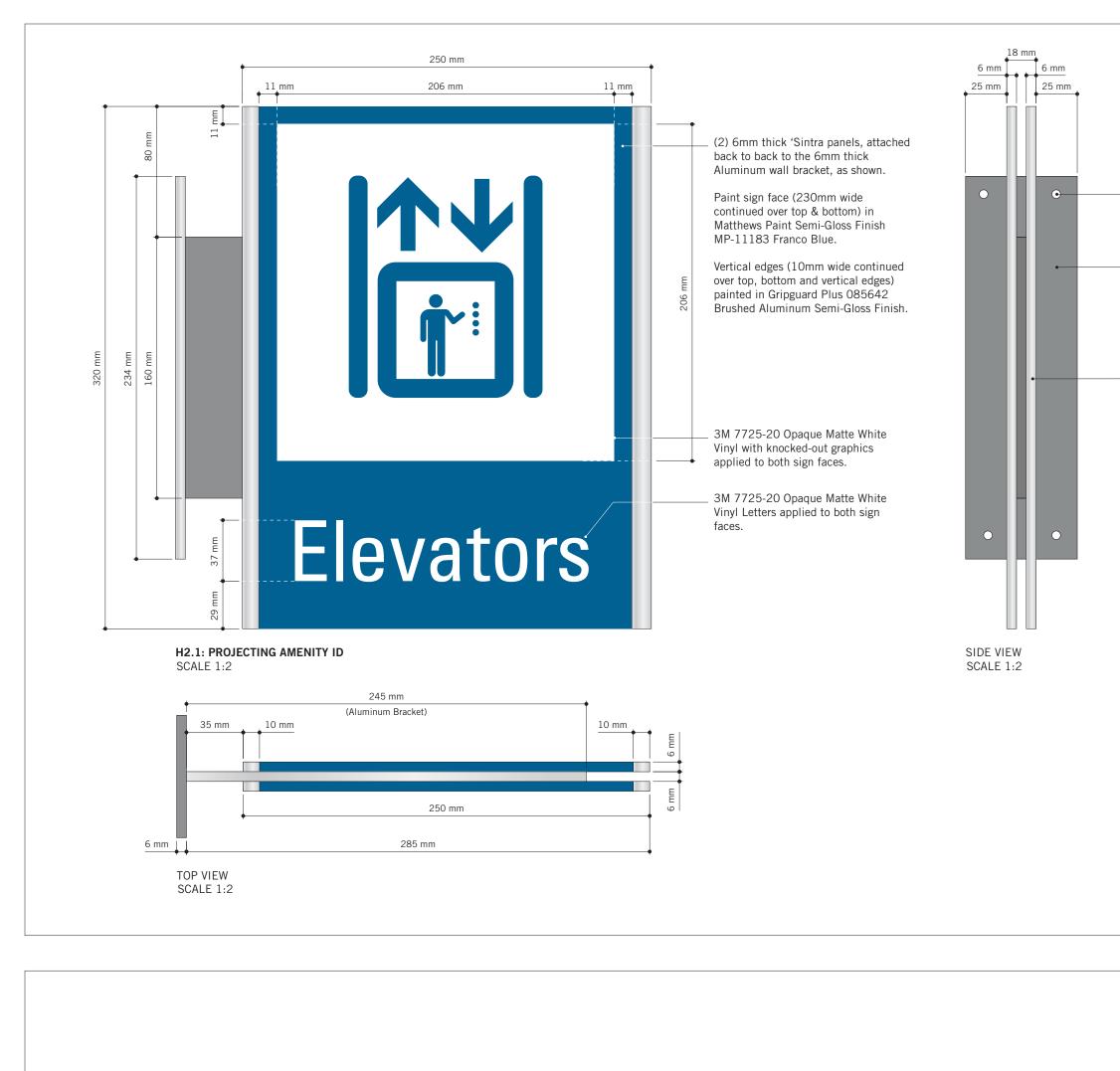
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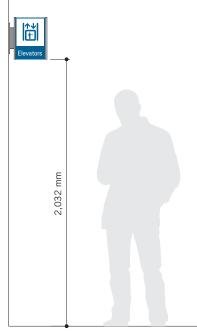
Lift



 (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



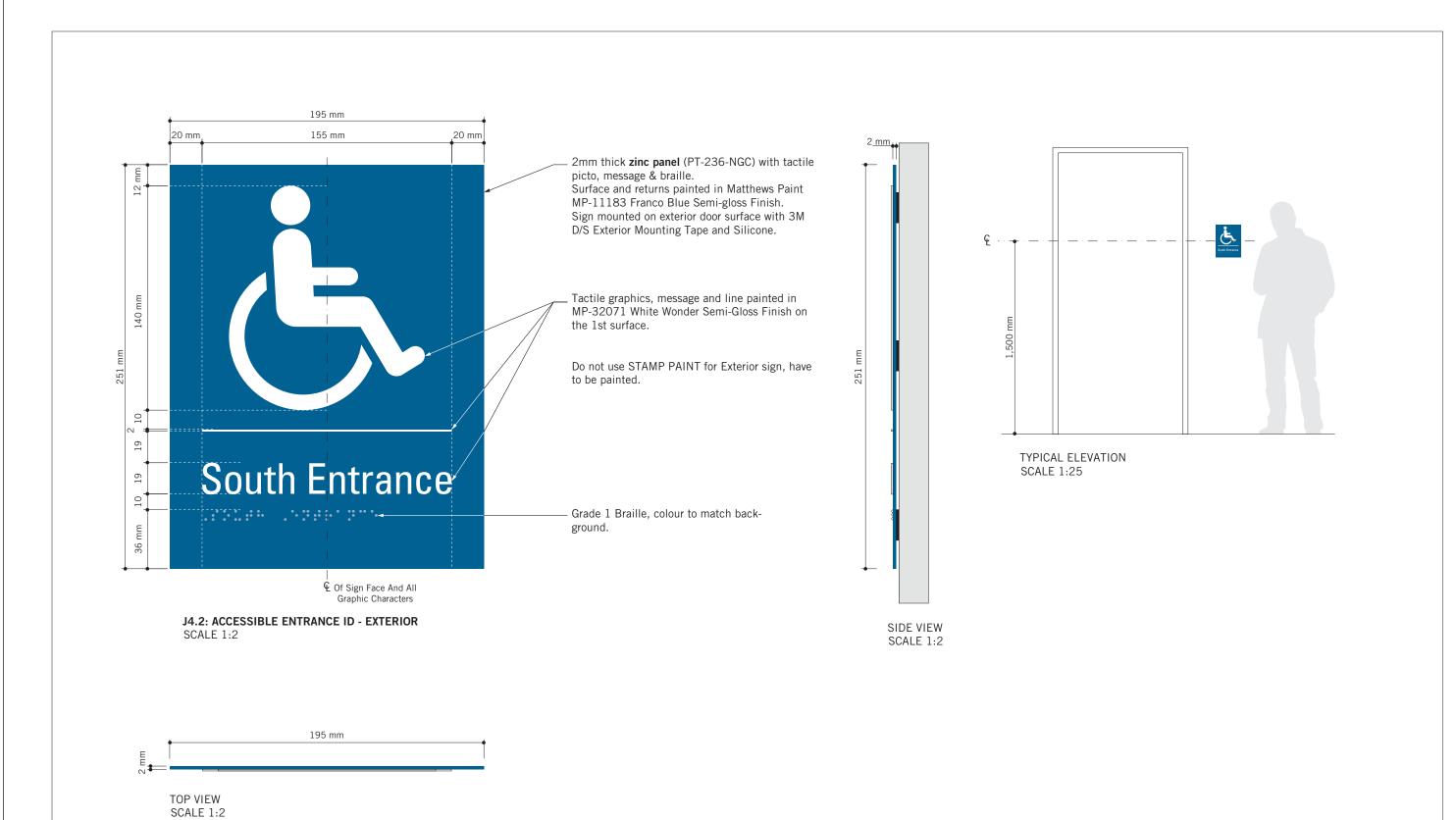
VARIATIONS SCALE 1:4

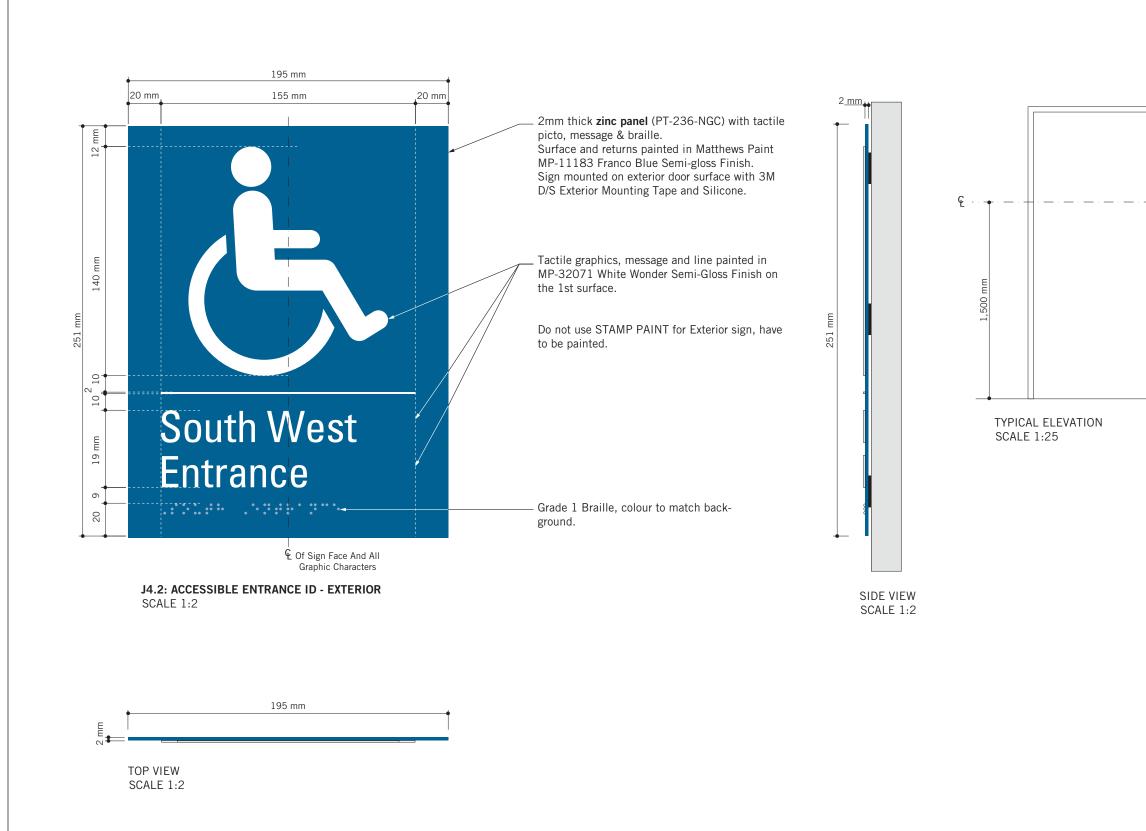




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VARIATIONS SCALE 1:3



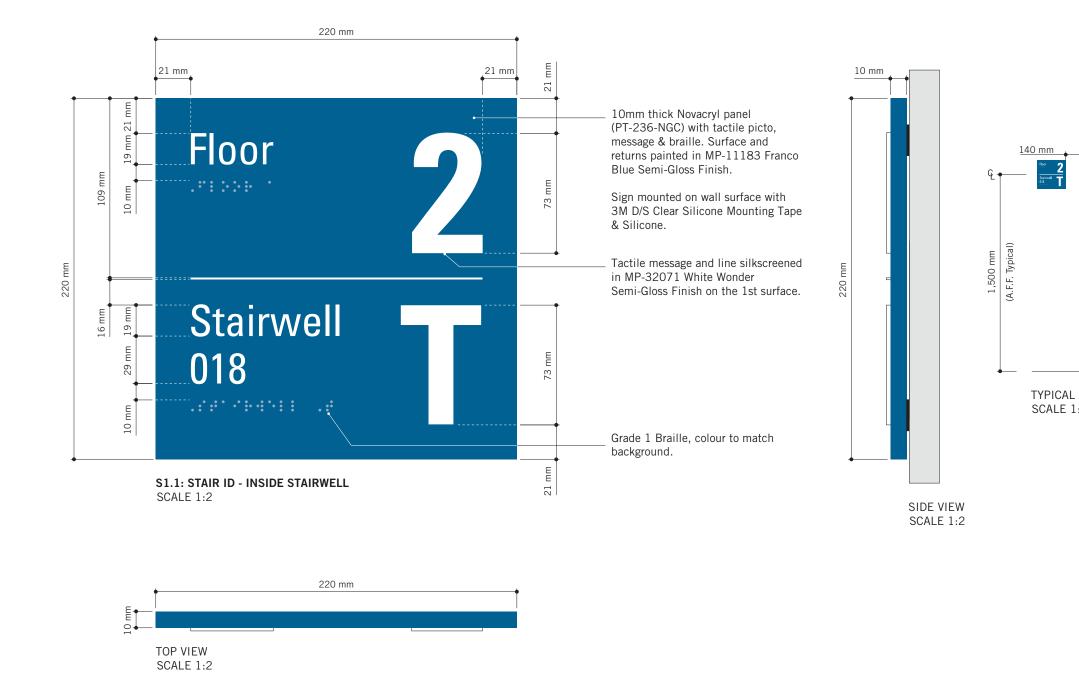
VARIATIONS SCALE 1:3

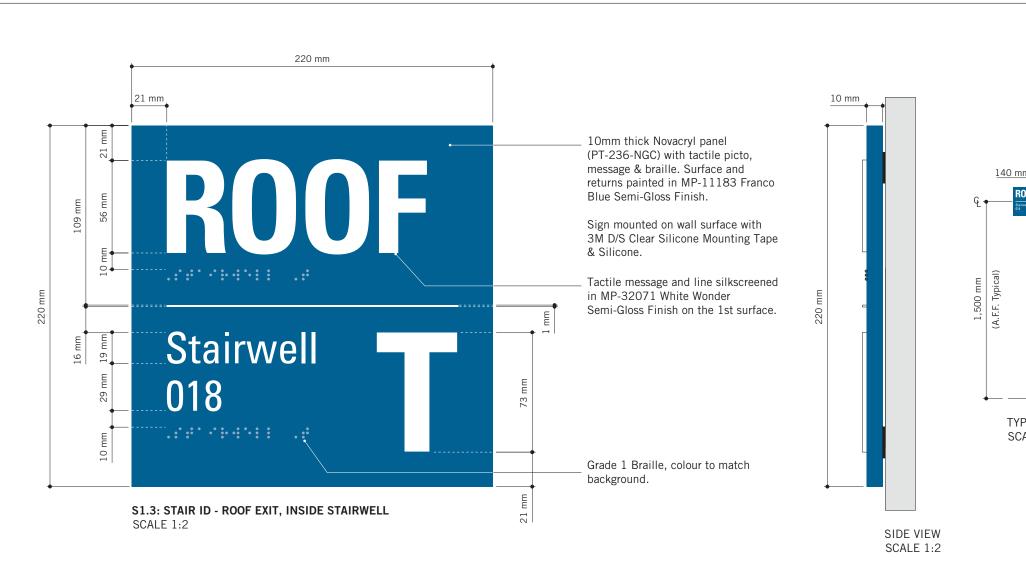
South West Entrance

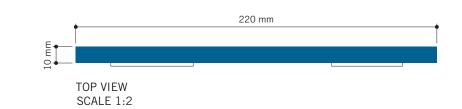
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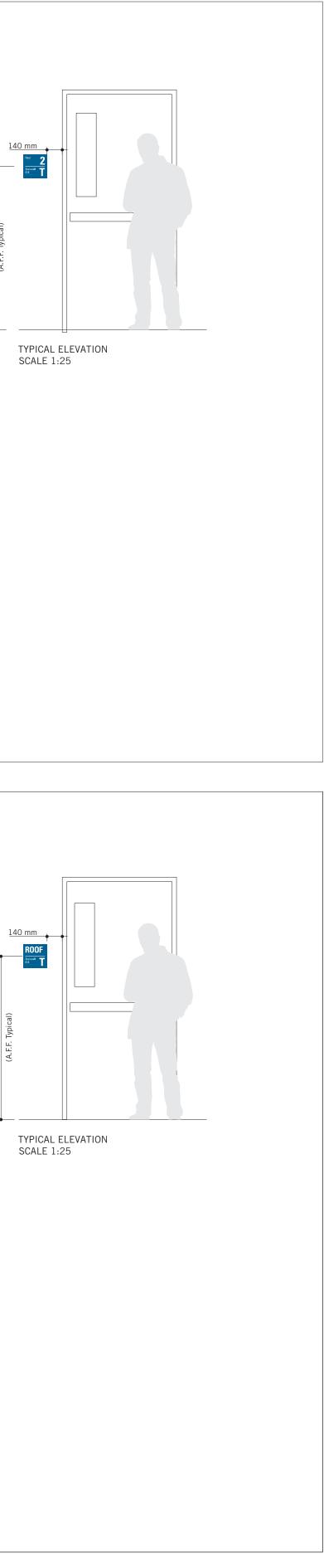


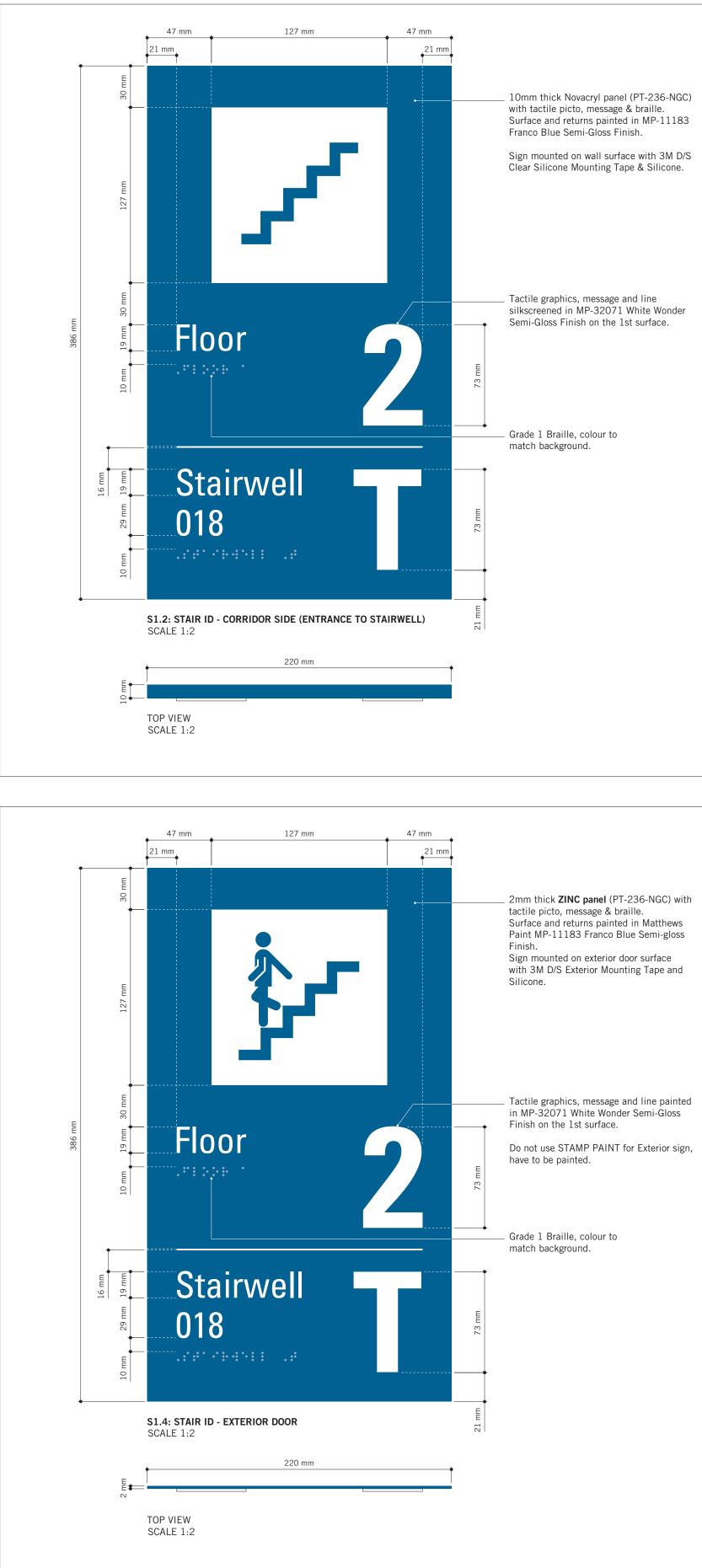






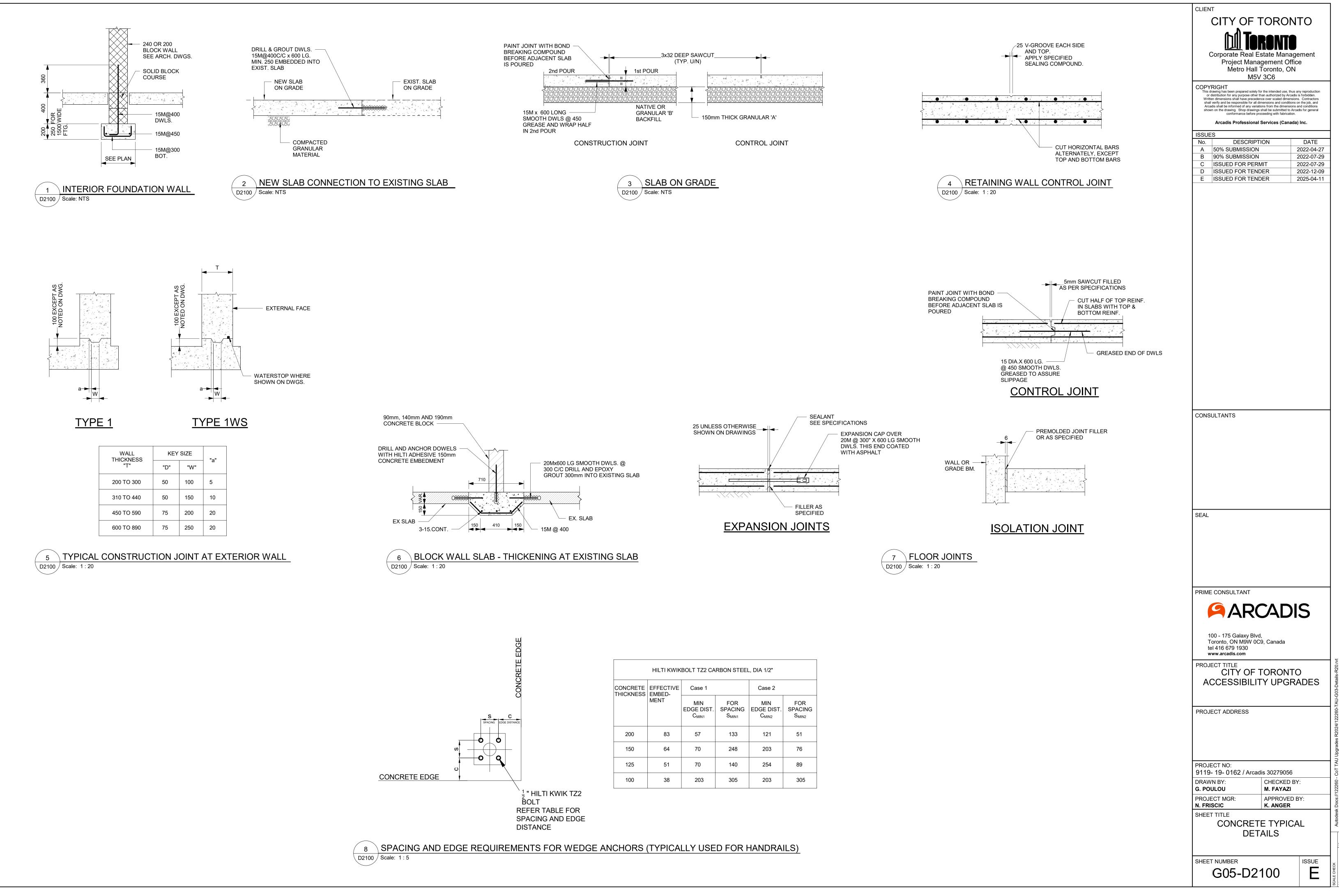






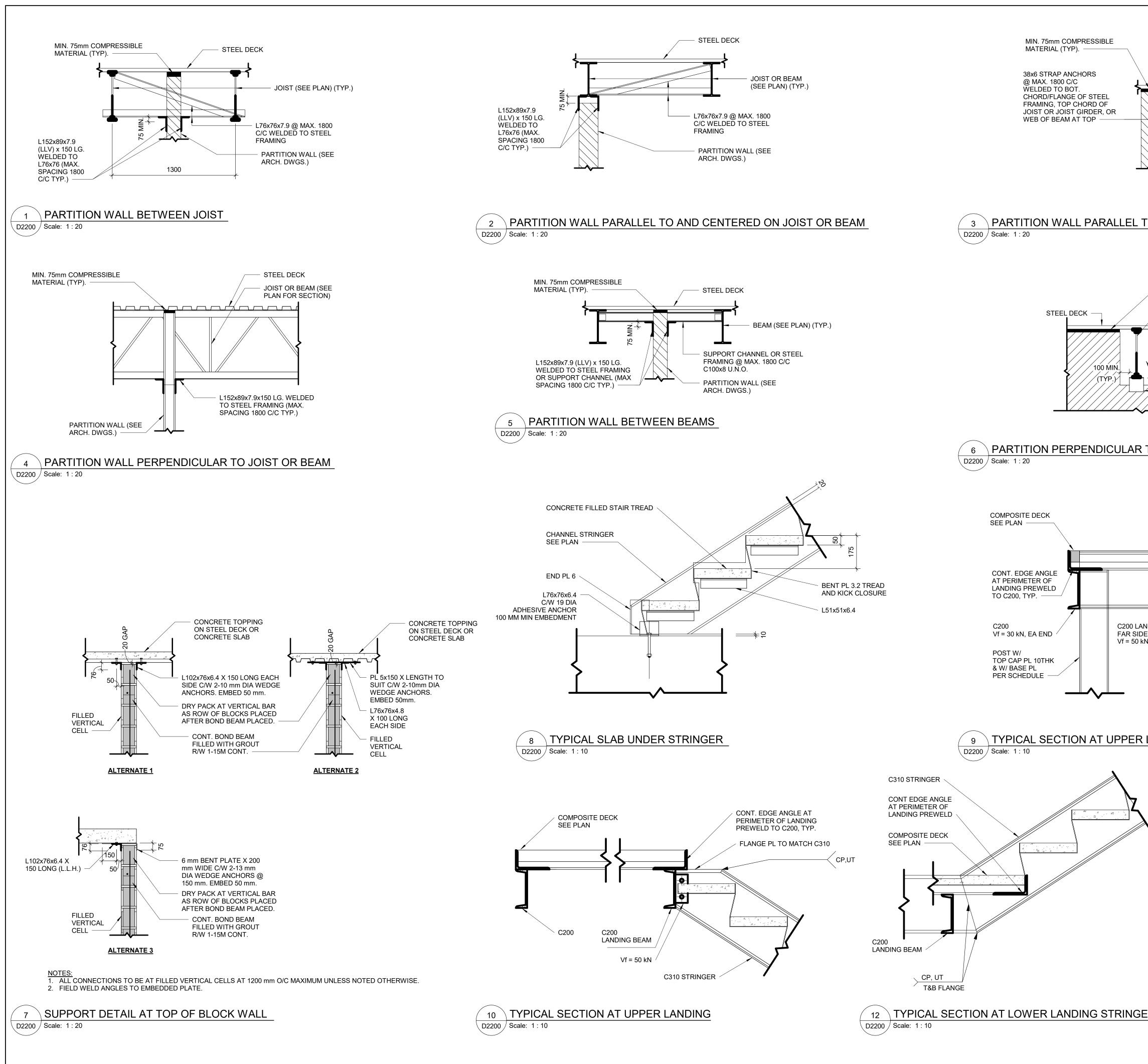
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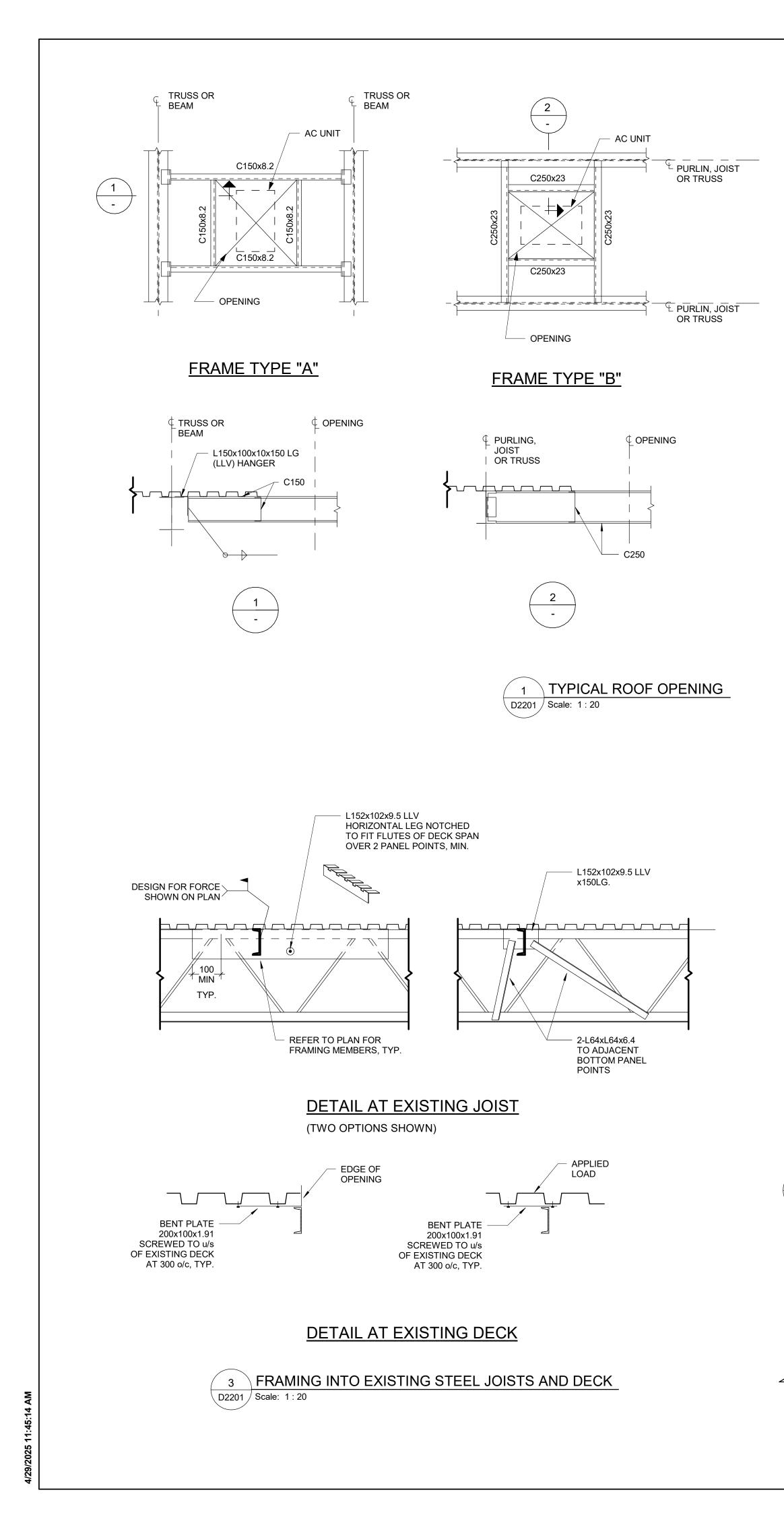


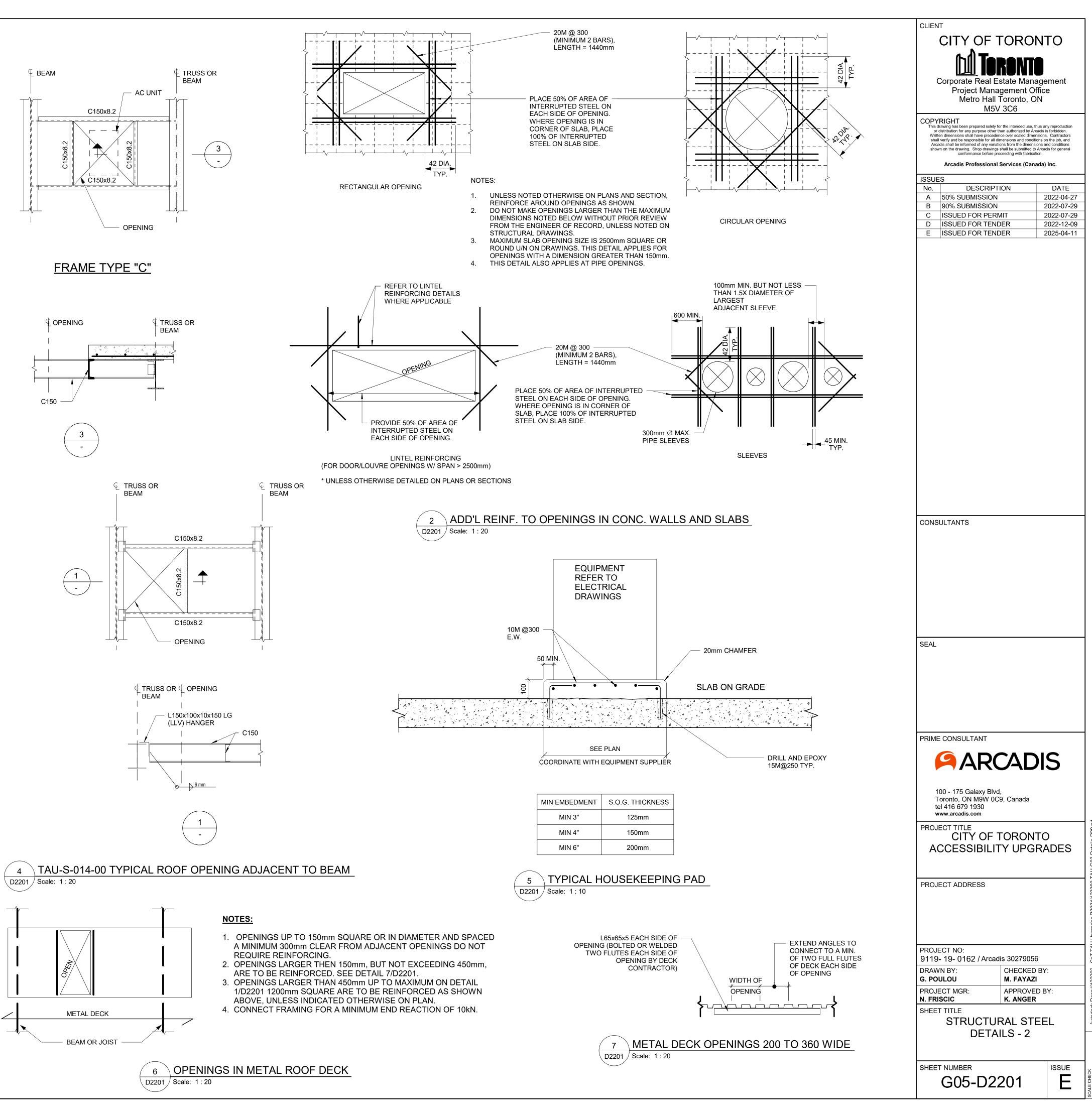
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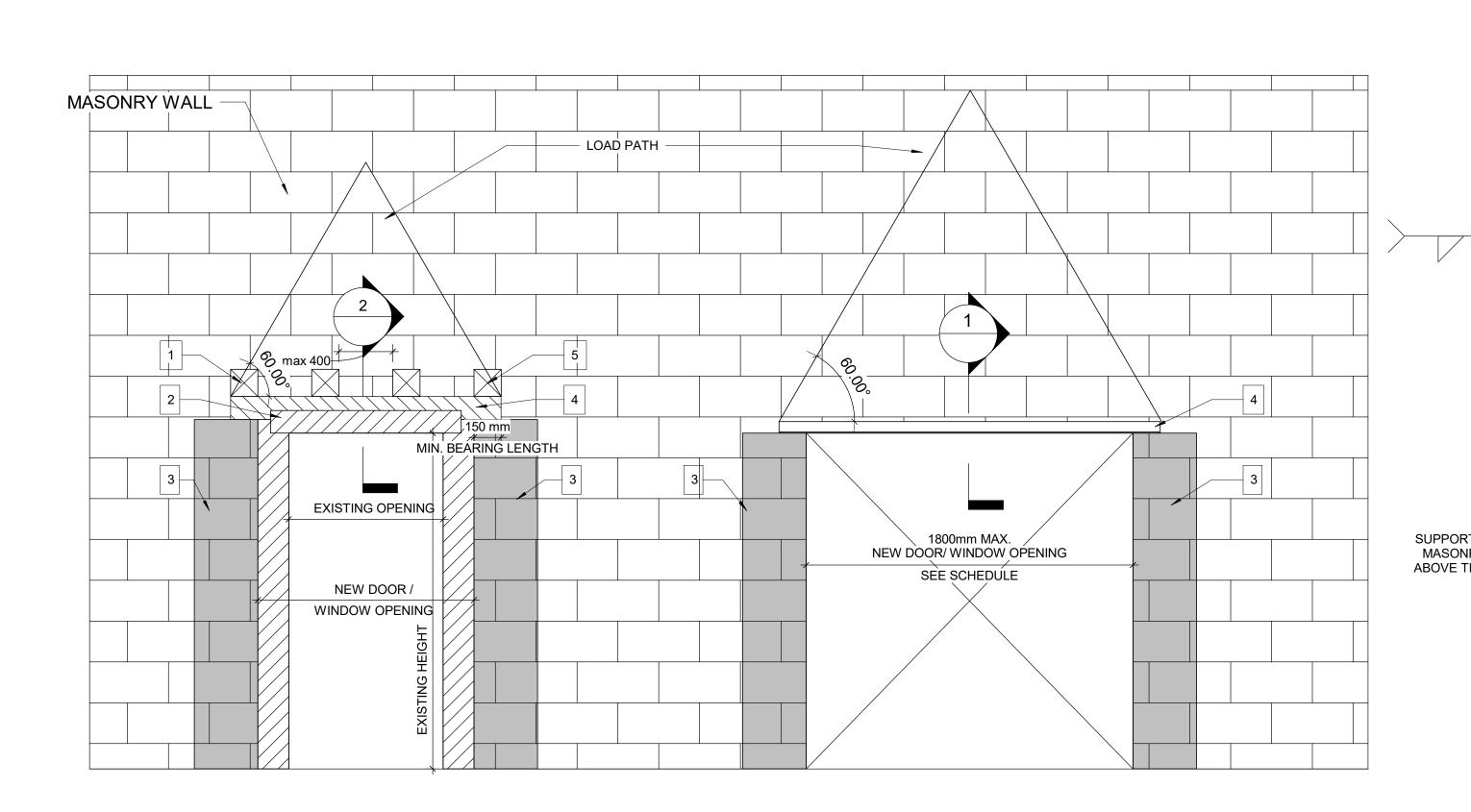


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WIDENING AN EXISTING OPENING IN EXISTING MASONRY WALL TYP.

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.

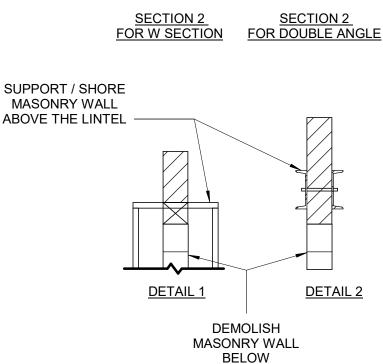
 DRYPACK WITH NON-SHRINK GROUT WHERE NECESSARY TO ACHIEVE UNIFORM BEARING THROUGHOUT. ENSURE EVEN BEARING BELOW LINTEL ENDS.

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			

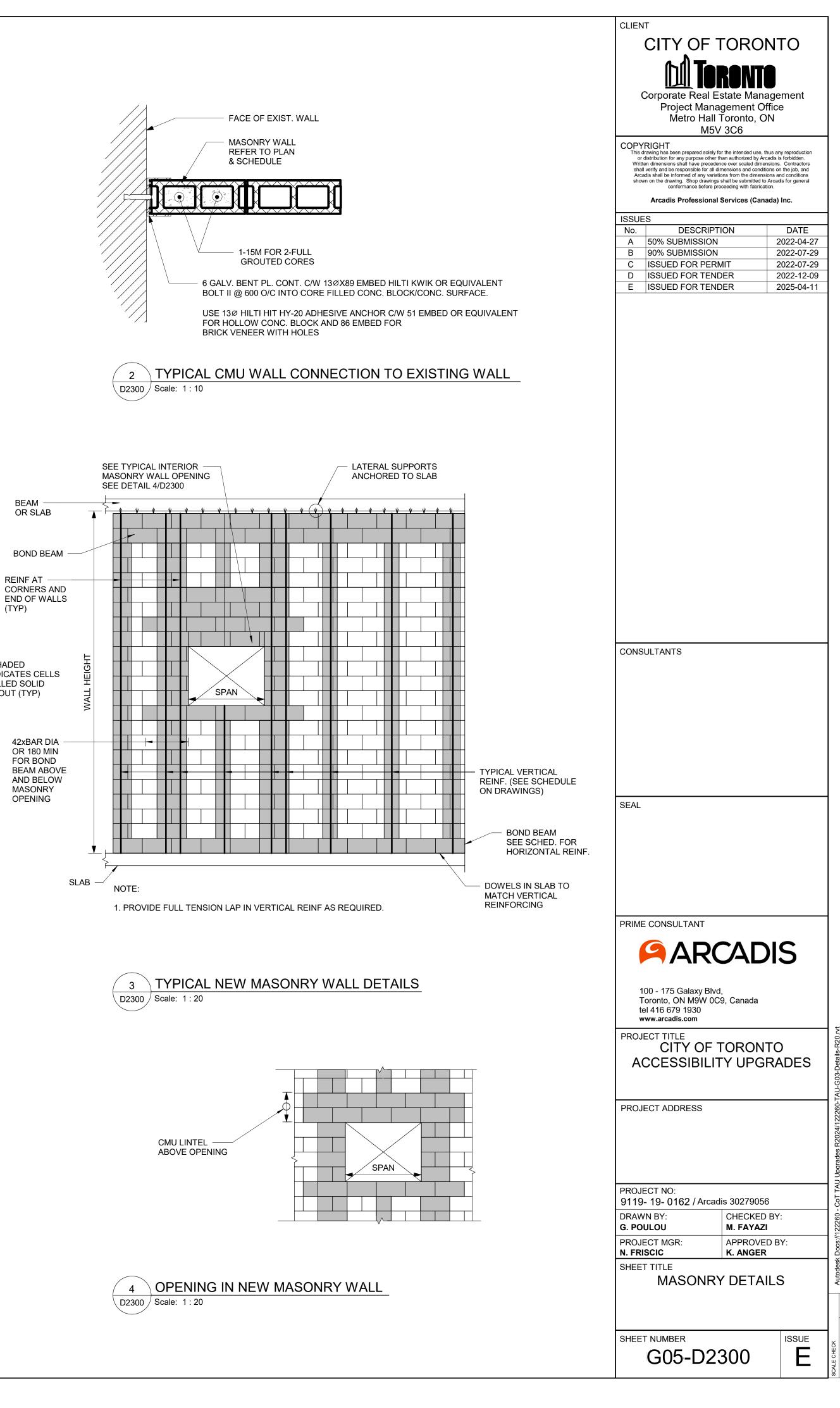
• TO INSTALL A LINTEL TO THE EXISTING BLOCK WALL FOR A NEW

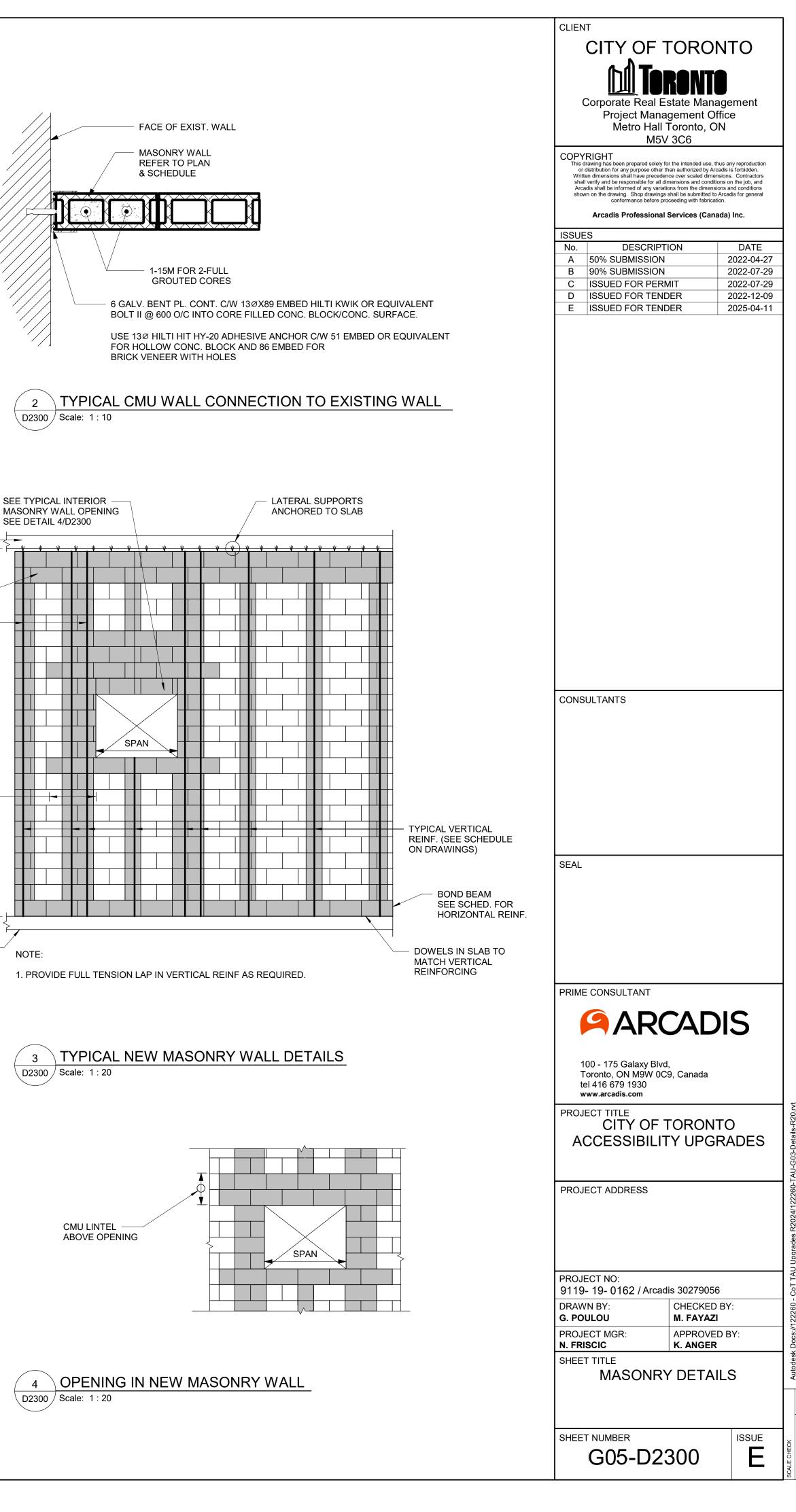
 ALL STEEL LINTELS AND SHELF ANGLES IN THE EXTERIOR MASONRY SHALL BE HOT DIP GALVANIZED

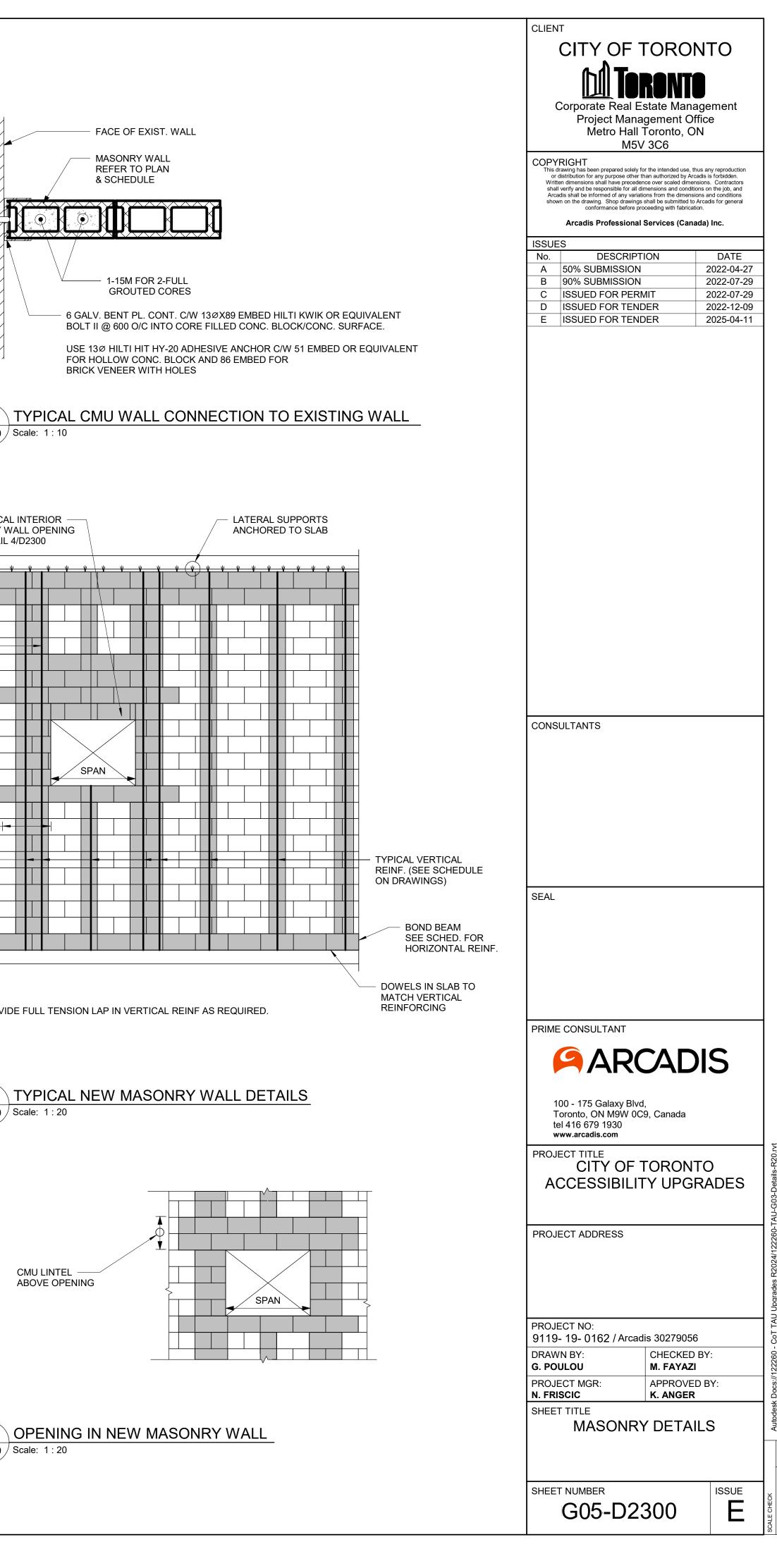
 THESE LINTELS ARE FOR NON-LOAD BEARING WALLS. VERIFY THE WALLS DO NOT SUPPORT FLOOR OR ROOF FRAMING. DO NOT IN LOAD BEARING WALLS

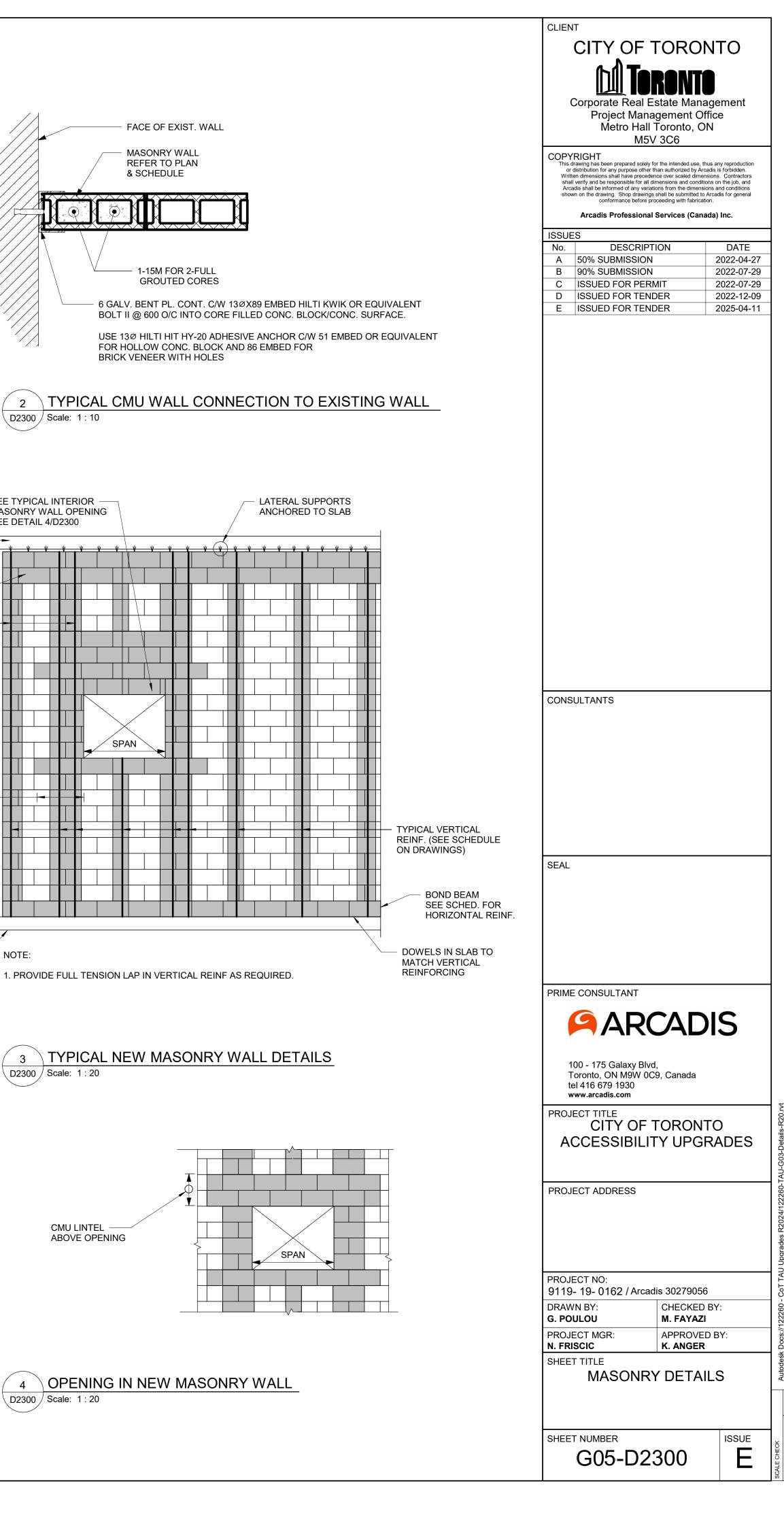
II) WALL EXTENDS MINIMUM 50% OF SPAN (AND 50% OF OPENING HEIGHT) BEYOND THE OPENING.

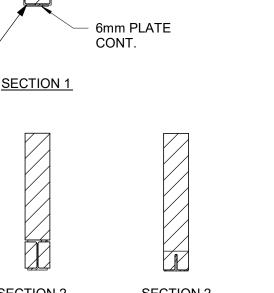
III) WALL EXTENDS MINIMUM 70% OF SPAN ABOVE THE OPENING.





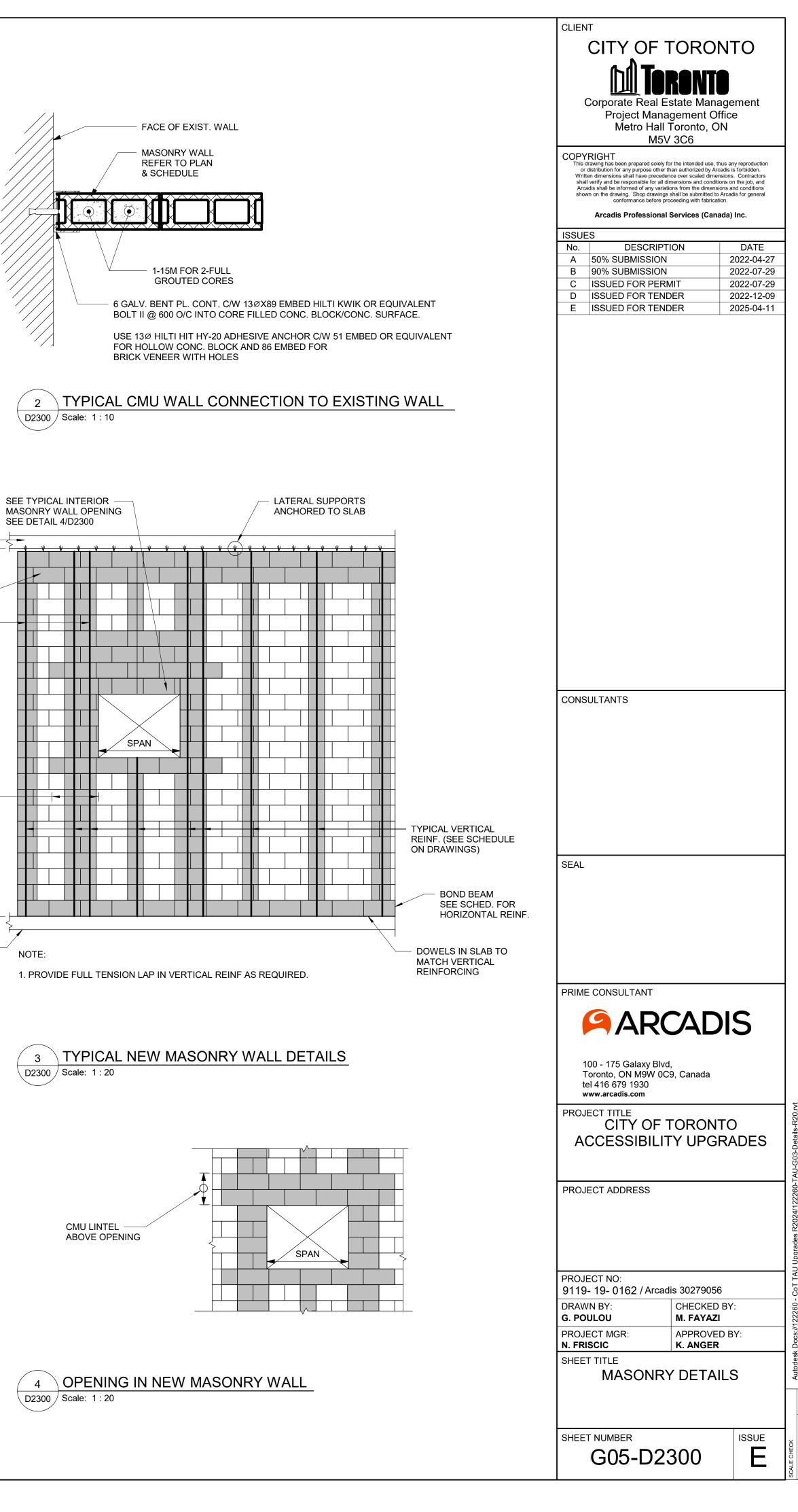






EXISTING MASONRY WALL

NEW LINTEL SEE SCHEDULE



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

> 42xBAR DIA OR 180 MIN FOR BOND BEAM ABOVE

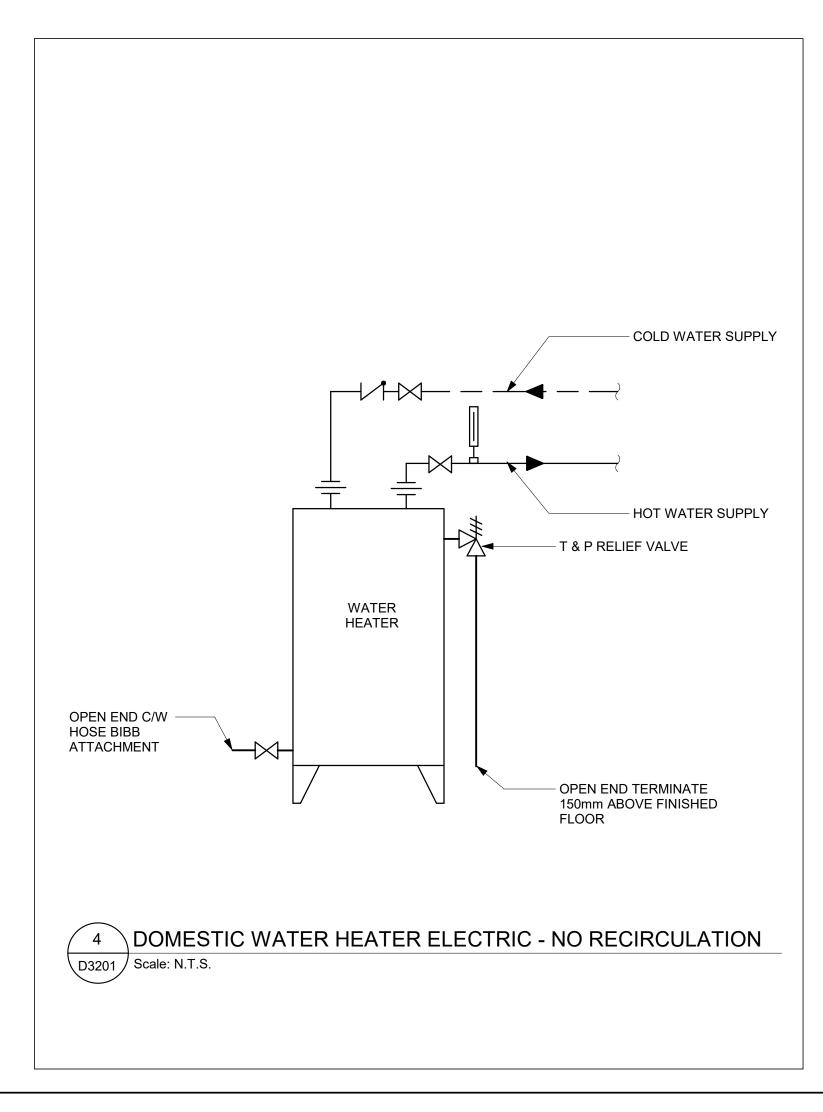
PLUMBING FIXTURE SCHEDULE

	1				
DESCRIPTION	SERVICES				
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	

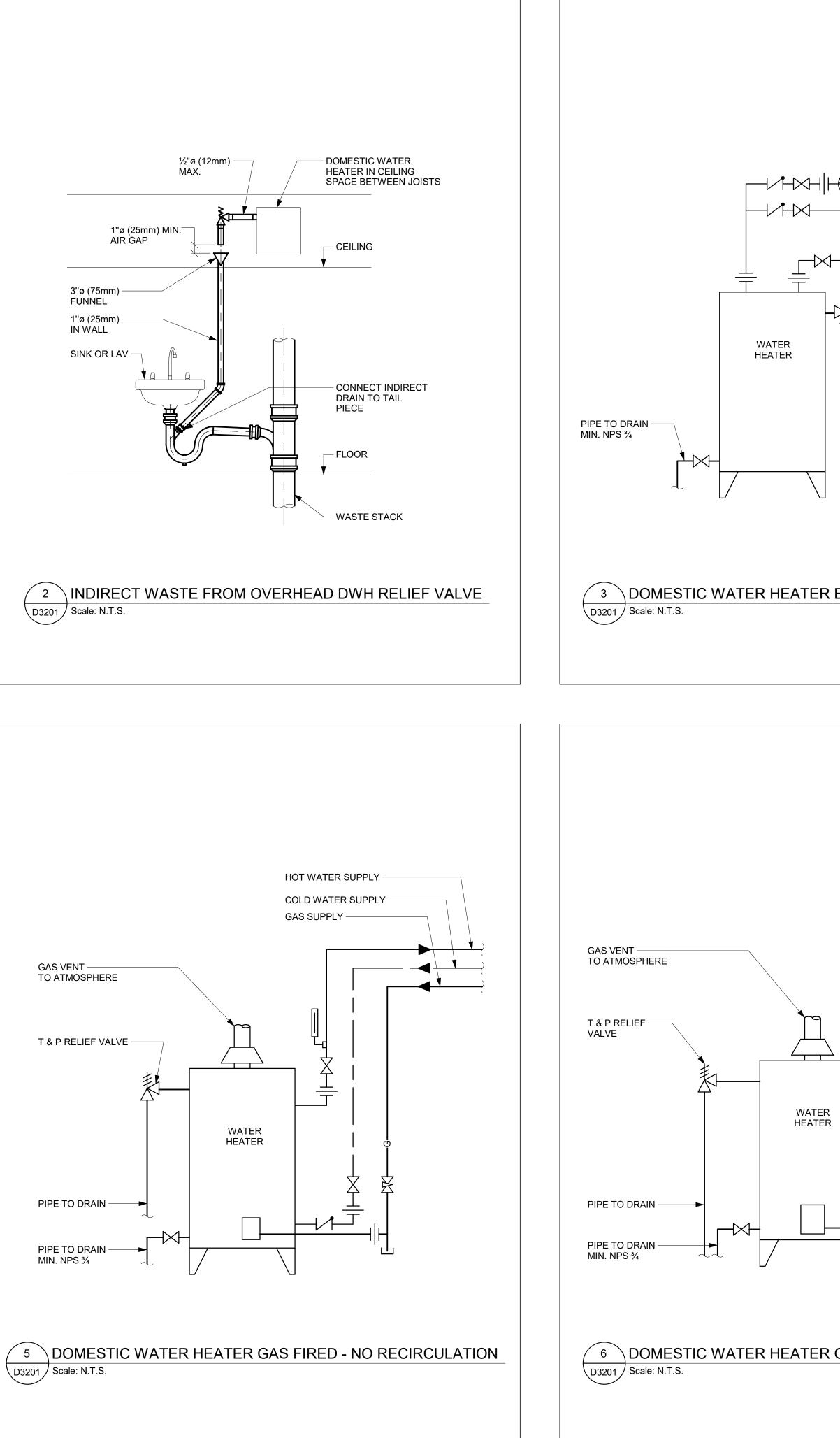
NOTES:

- 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.

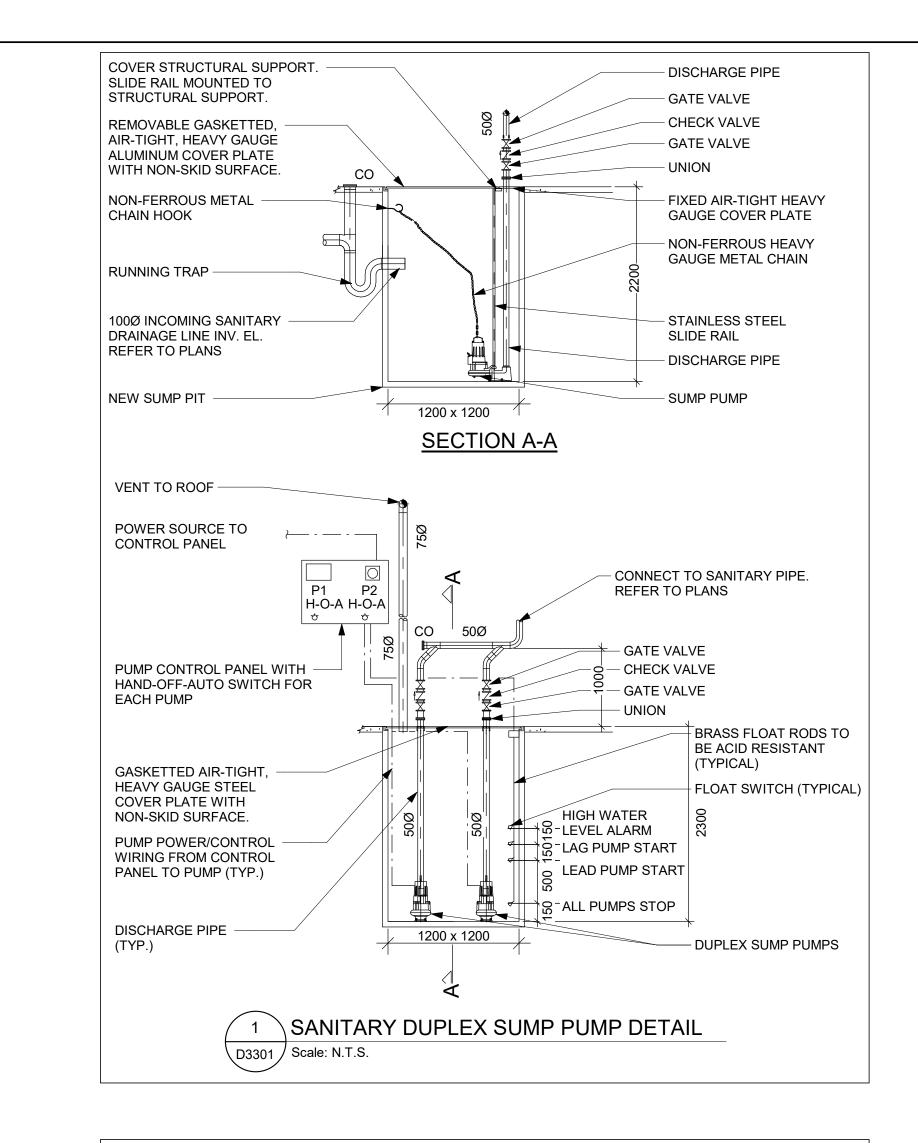


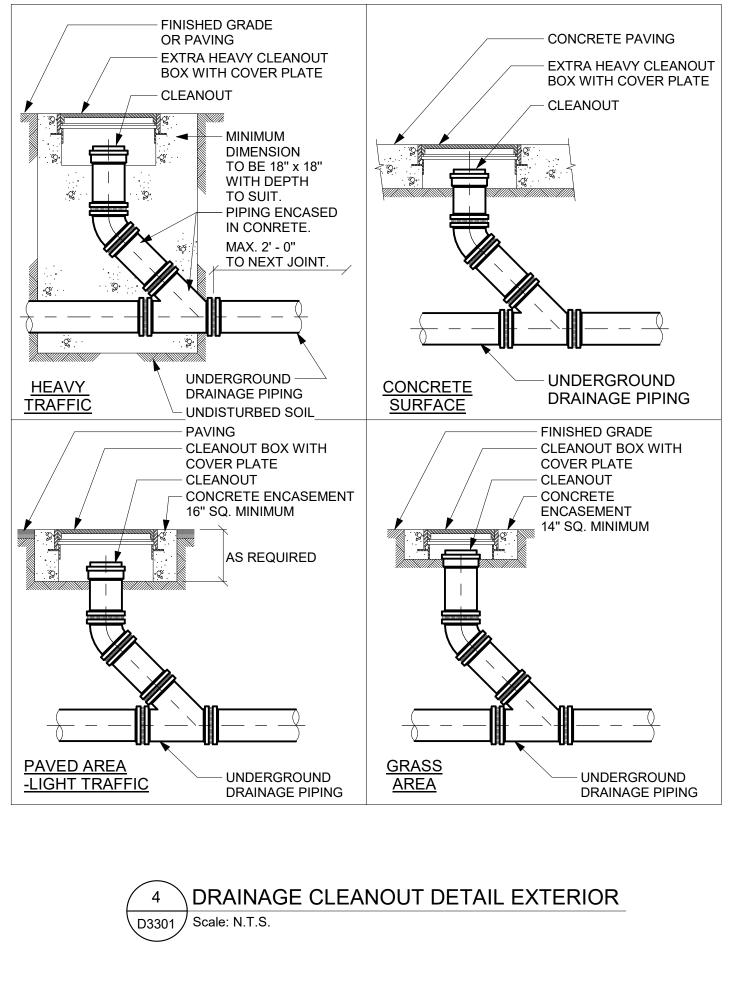


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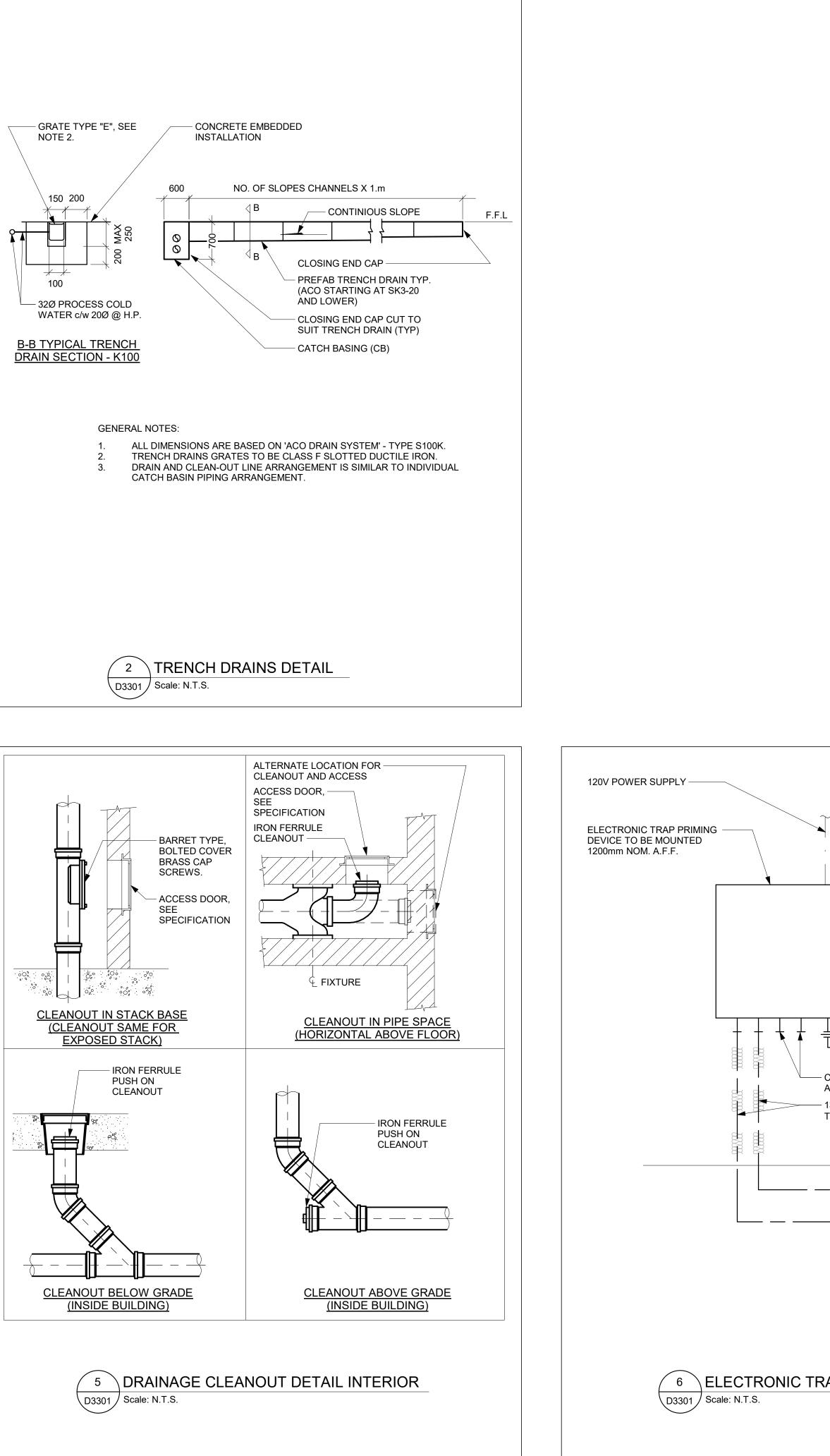


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	E	ISSUED FOR REVISED 2024-06-14
	F	PERMIT ISSUED FOR TENDER 2025-04-11
HOT WATER SUPPLY		
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GAS PIPE HOT WATER RECIRCULATION	1 T te	00 - 175 Galaxy Blvd, Foronto, ON M9W 0C9, Canada el 416 679 1930 www.arcadis.com
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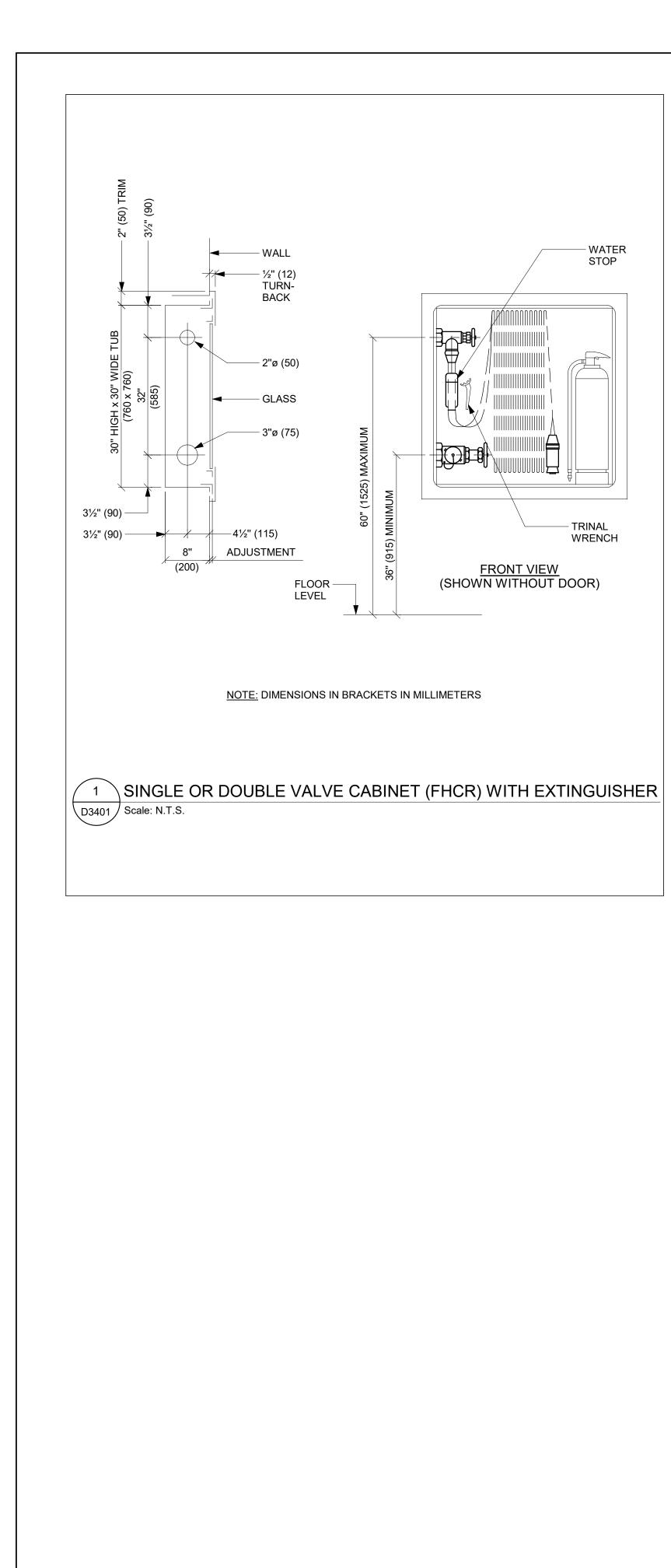




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— WATER STOP

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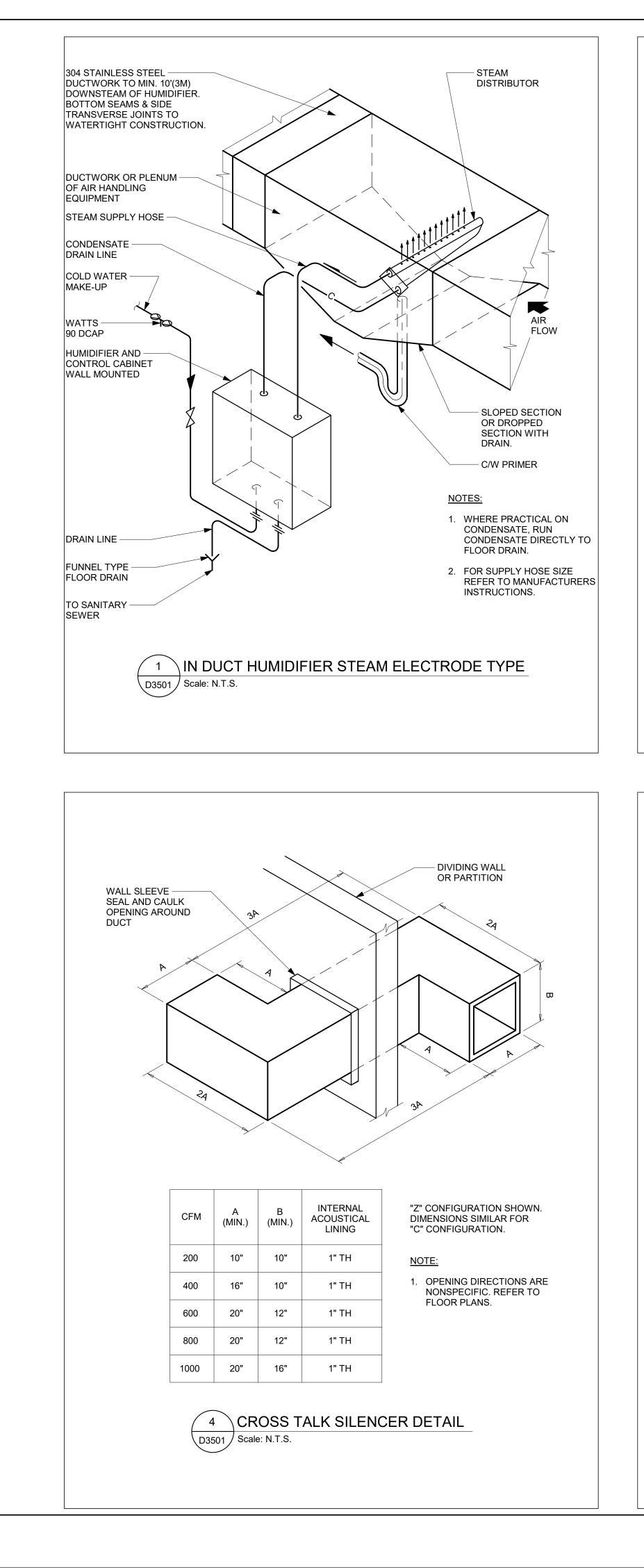
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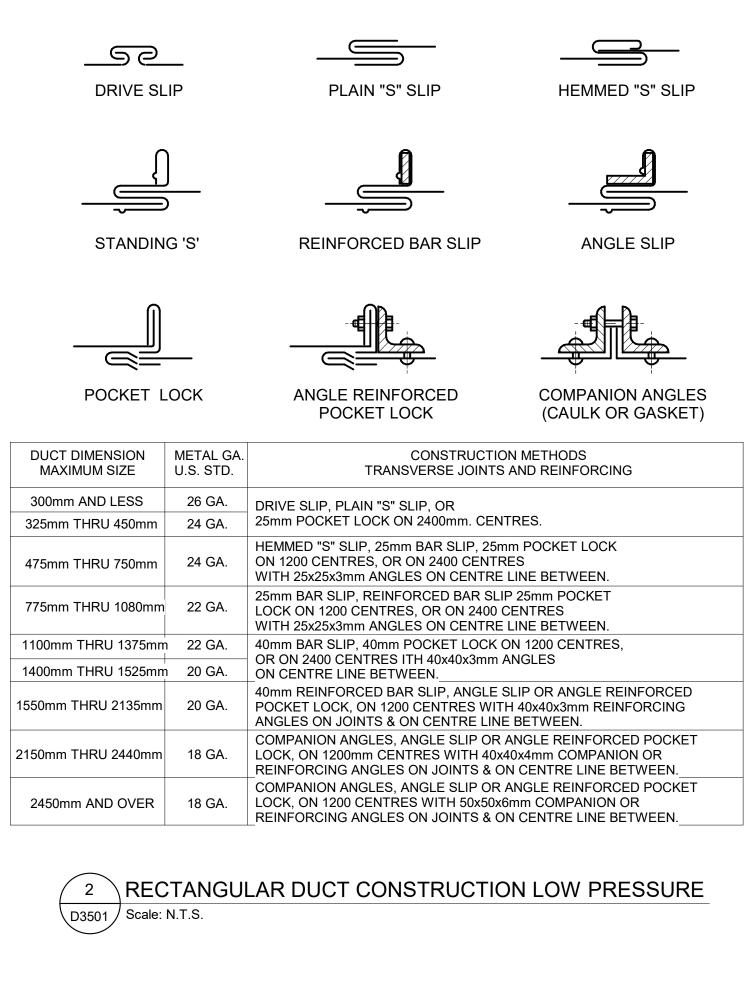
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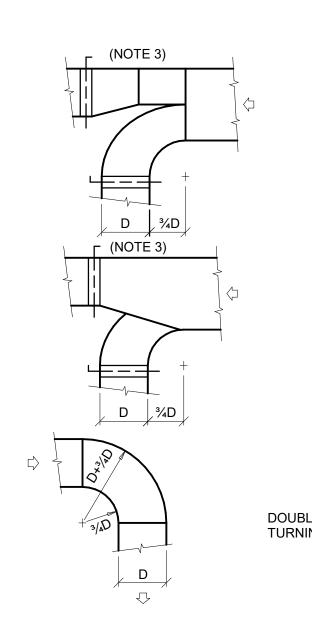
<u>FRONT VIEW</u> (SHOWN WITHOUT DOOR)

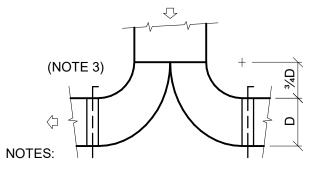


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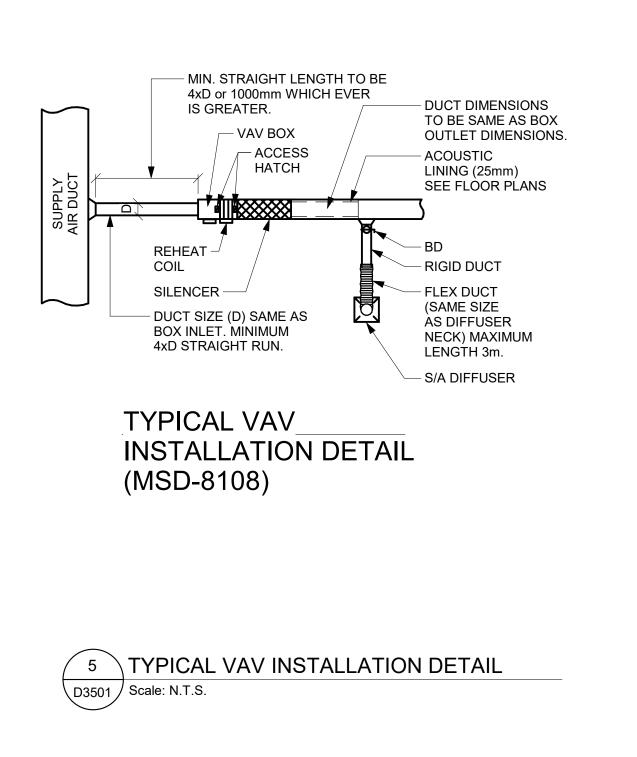


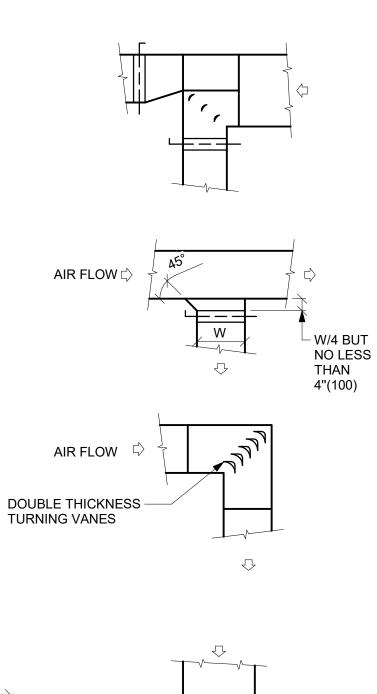


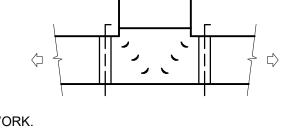


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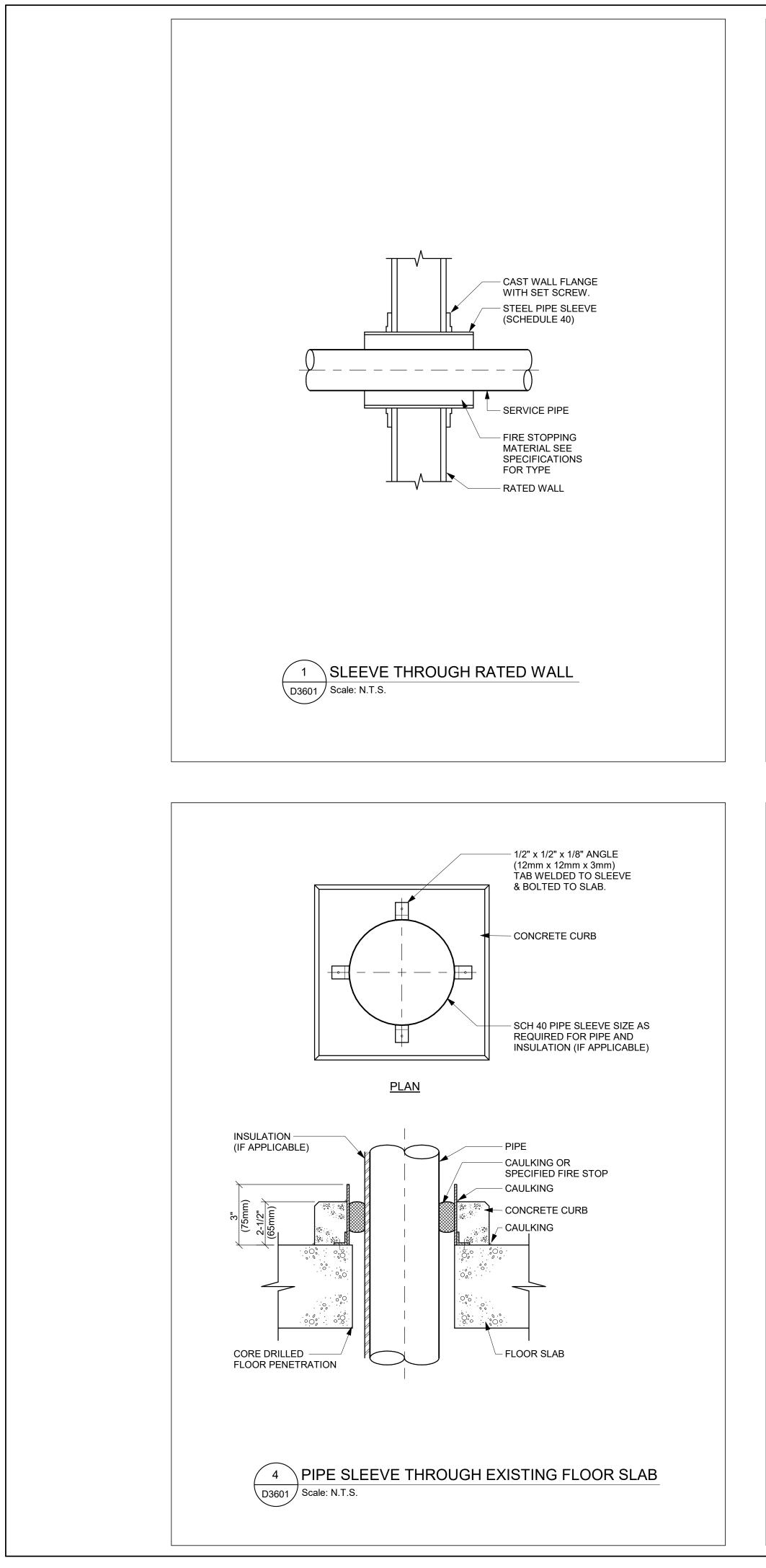
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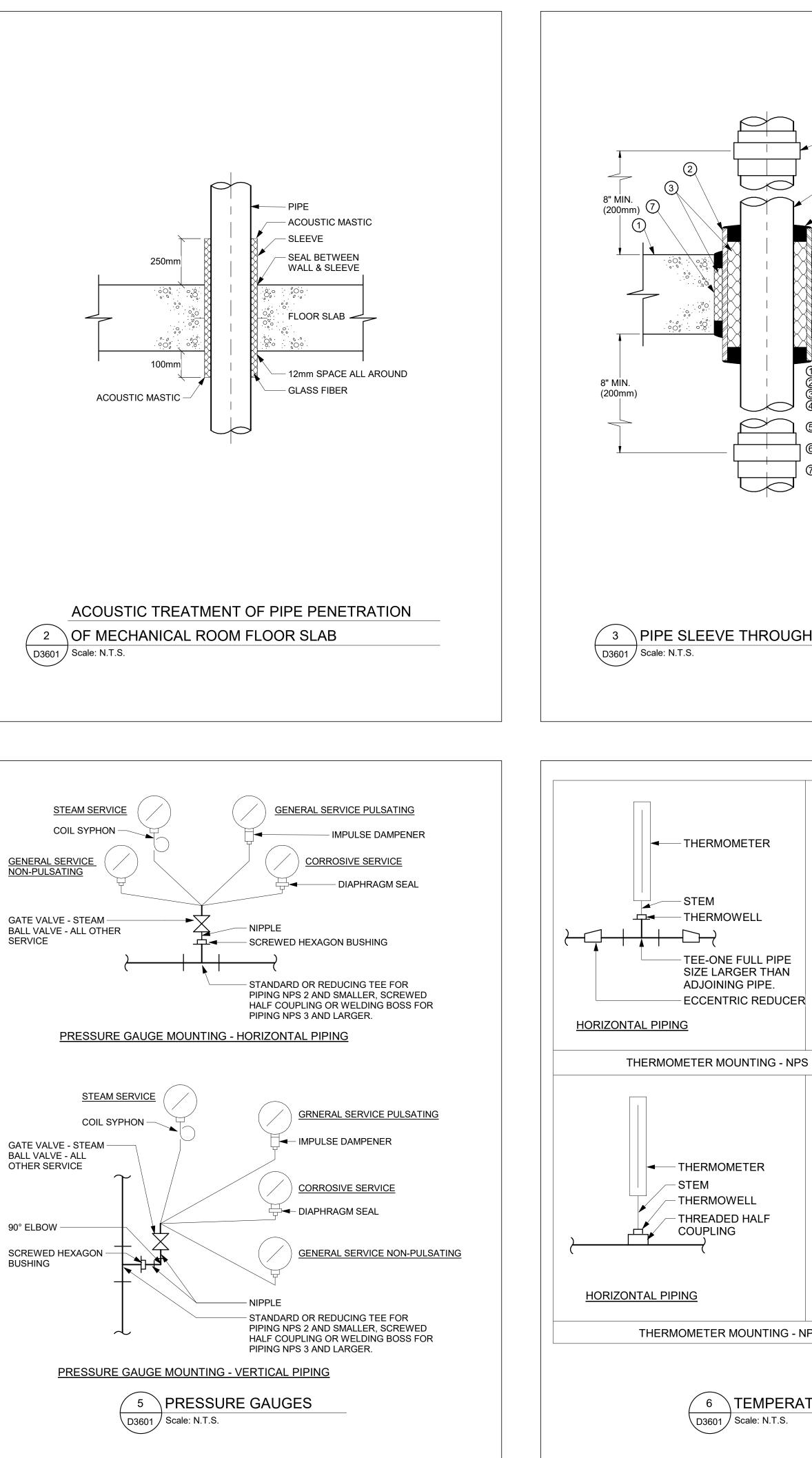




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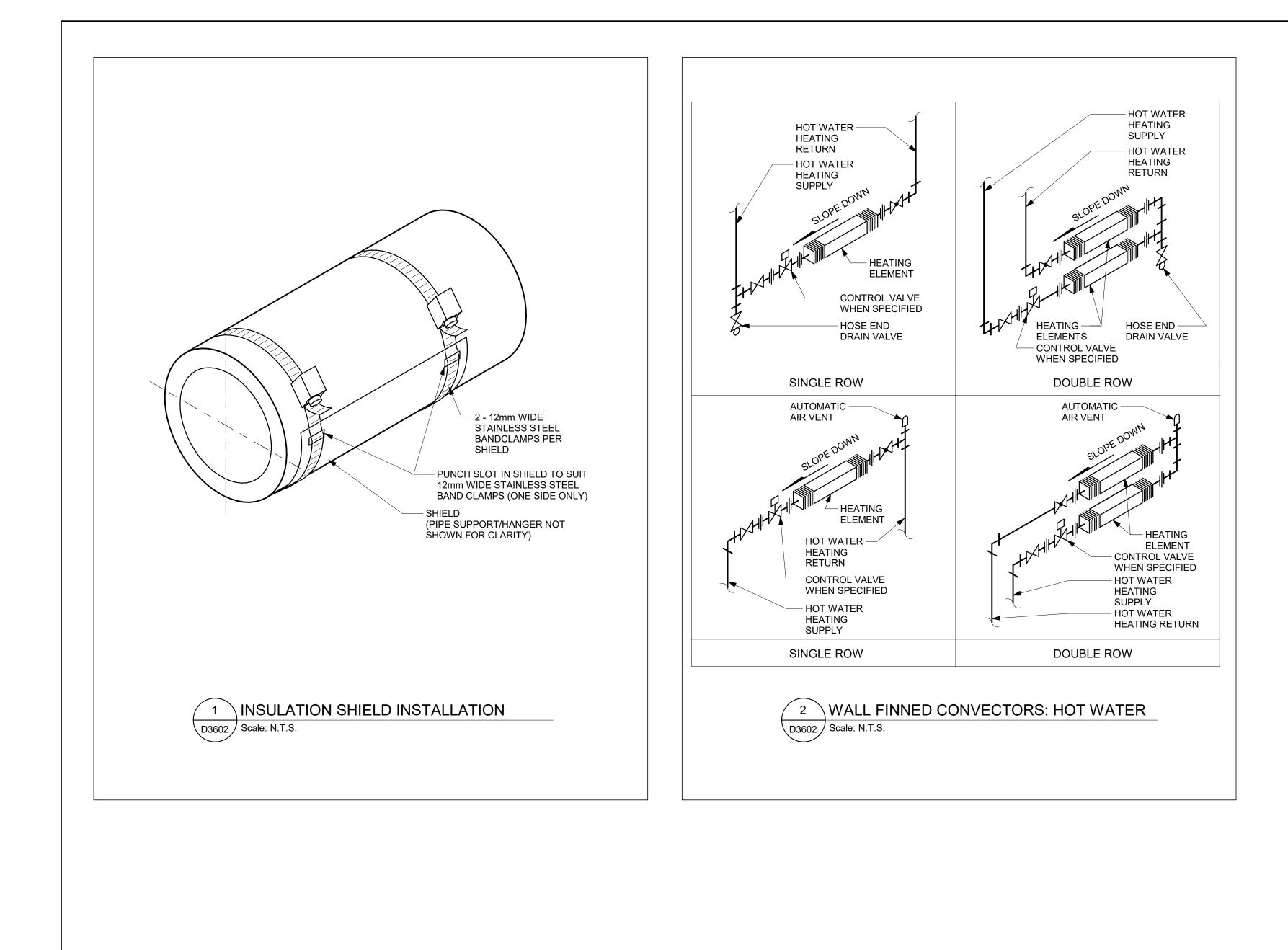


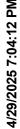
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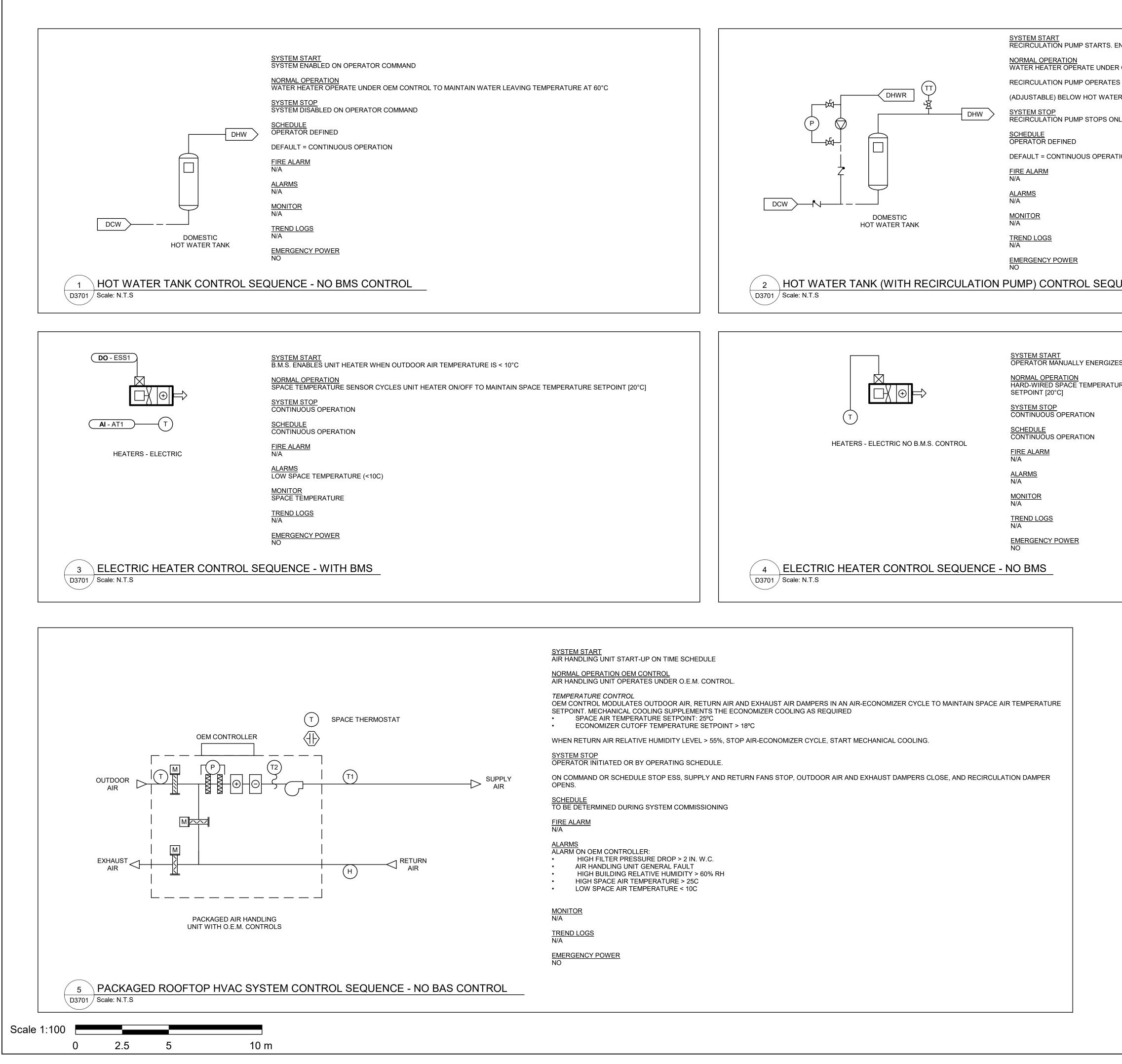
 FLOOR ASSEMBLY SCHED. 40 STEEL PIPE SLEEVE MINERAL WOOL 70.5 Kg/m² DOW CORNING FIRE STOP SEALANT CAT. No. 2000 13mm MIN. SERVICE PIPE-COPPER-STEEL-C.I 	CLIENT CITY OF TORONTO Corporate Real Estate Management Project Management Office Metro Hall Toronto, ON M5V 3C6 COPYRIGHT This drawing has been prepared solely for the intended use, thus any reproduction or distribution for any purpose other than authorized by Arcadis is forbidden. Writed memsions shall be informed or any variations from the dimensions shall verify and be responsible for all dimensions and conditions shall verify and be responsible for all dimensions and conditions shall verify and be responsible for all dimensions and conditions shall verify and be responsible for all dimensions and conditions shall verify and be responsible for all dimensions and conditions shown on the drawing. Shop drawings shall be submitted to Arcadis for general conformance before proceeding with flattotation. 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 E ISSUED FOR TENDER 2022-12-07 E ISSUED FOR REVISED 2024-06-14 PERMIT F ISSUED FOR TENDER 2025-04-11
 NO PLASTIC. PLASTIC TO COPPER-STEEL-C.I. ADAPTER CORE DRILLED HOLE. 	CONSULTANTS
THERMOMETER THERMOWELL TEE-ONE FULL PIPE SIZE LARGER THAN ADJOINING PIPE. ECCENTRIC REDUCER	
VERTICAL PIPING	100 - 175 Galaxy Blvd,
	Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com PROJECT TITLE CITY OF TORONTO ACCESSIBILITY UPGRADES
STEM THERMOWELL THREADED HALE	PROJECT ADDRESS
THREADED HALF COUPLING <u>VERTICAL PIPING</u> PS 3 PIPE SIZE AND LARGER	PROJECT NO: 9119- 19- 0162 / Arcadis 30279056 DRAWN BY: CHECKED BY: K. DURUKAN B. LIAO PROJECT MGR: APPROVED BY: F. BOLOURIAN S. LIU SHEET TITLE PIPING DETAILS
TURE GAUGES	SHEET 1 OF 2 SHEET NUMBER G05-GAL-D3601

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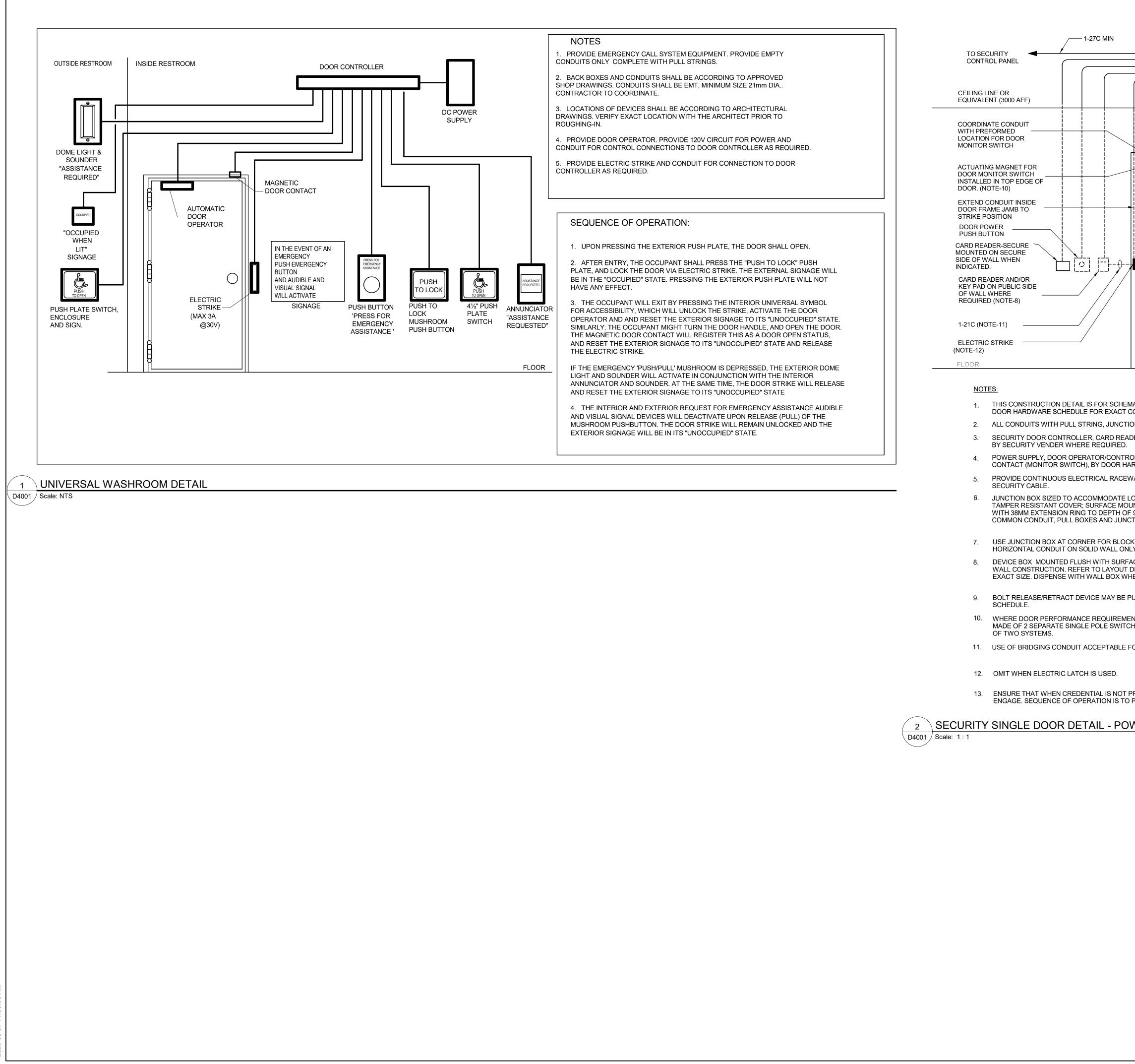




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	conformance before proceeding with fabrication. Arcadis Professional Services (Canada)	-
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	el 416 679 1930 ww.arcadis.com	
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		CLIENT CITY OF TOR	ONTO	
NABLE HOT WATER TANK		DAToron		
R OEM CONTROL TO MAINTAIN WATER LEAVING TEMPERATURE AT 60°C S WHEN REMOTE RECIRCULATION WATER TEMPERATURE IS 50°C		Corporate Real Estate Management Project Management Office Metro Hall Toronto, ON M5V 3C6		
SUPPLY SET POINT		COPYRIGHT This drawing has been prepared solely for the intended use, thus an or distribution for any purpose other than authorized by Arcadis is Written dimensions shall have precedence over scaled dimensions shall verify and be responsible for all dimensions and conditions or Arcadis shall be informed of any variations from the dimensions and arcadis shall be informed of any variations from the dimensions and the dimensions and the dimensions and the dimensions and the dimensions arcadis shall be informed of any variations from the dimensions and the dimensions are dimensions and the dimensions are dimensions are dimensions and the dimensions are dim		
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JENCE - NO BMS CONTROL				
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ES THE UNIT HEATER LOCALLY. NO B.M.S. CONTROL				
JRE SWITCH CYCLES UNIT HEATER ON/OFF TO MAINTAIN SPACE TEMPERATURE				
	-	CONSULTANTS		
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	-	PROJECT ADDRESS		
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		SHEET NUMBER G05-GAL-D370	01 E	



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
	ELECTRICAL TRANSFER HINGE/LINK	
COMPONENTS REQUIRED AND CONDUIT	R AND SECURITY LAYOUT DRAWINGS AND ROUTING. AND POWER WIRES BY DIV.26. TO EXIT SENSOR AND SECURITY WIRES ECTRIC STRIKE/BOLT/LATCH, DOOR	
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	
PRESENT CREDENTIAL -> ACTIVATE DO		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
		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 LE 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.

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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.
	ISSUES No. DESCRIPTION DATE
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TYPICAL). FORM PIPES AND SANITARY PIPES AS SHOWN NGS FOR PIPING LAYOUT. HEAT TRACING SHALL ING TRACING CABLE OR APPROVED ND ALL ACCESSORIES FOR A COMPLETE AND T).	
ITS, PROVIDE CONDUITS WITH	
Y PANEL TO RECALL ELEVATORS TO AT DESIGNATED LEVEL ELEVATOR LOBBY LEVEL. REFER TO ELEVATOR AUTOMATIC FIRE E WITH TSSA AND CONFIRM	
GAMPLING 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
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	PROJECT TITLE CITY OF TORONTO ACCESSIBILITY UPGRADES
	PROJECT ADDRESS
	PROJECT NO: 9119- 19- 0162 / Arcadis 30279056DRAWN BY:CHECKED BY: V. MACV. MACM. BOJICPROJECT MGR: F.BOLOURIANAPPROVED BY: P. WILLIAMSSHEET TITLEELECTRICAL GENERAL NOTES
	SHEET NUMBER ISSUE D

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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



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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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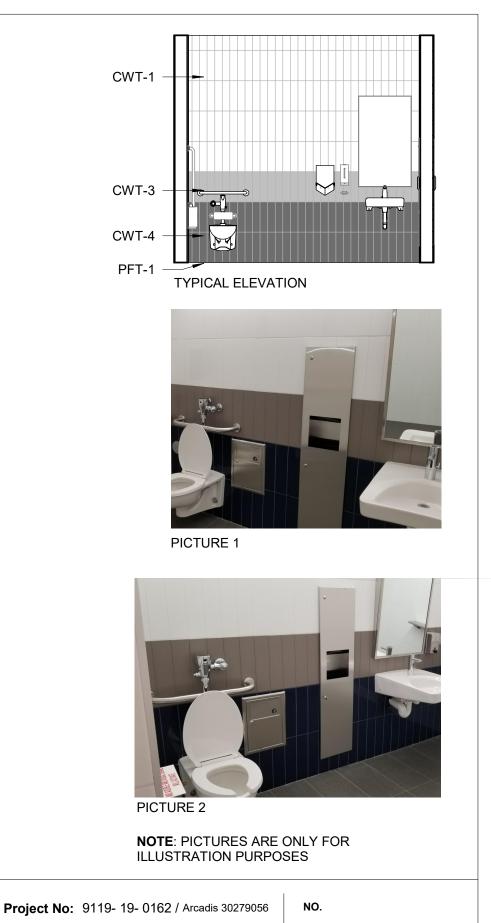
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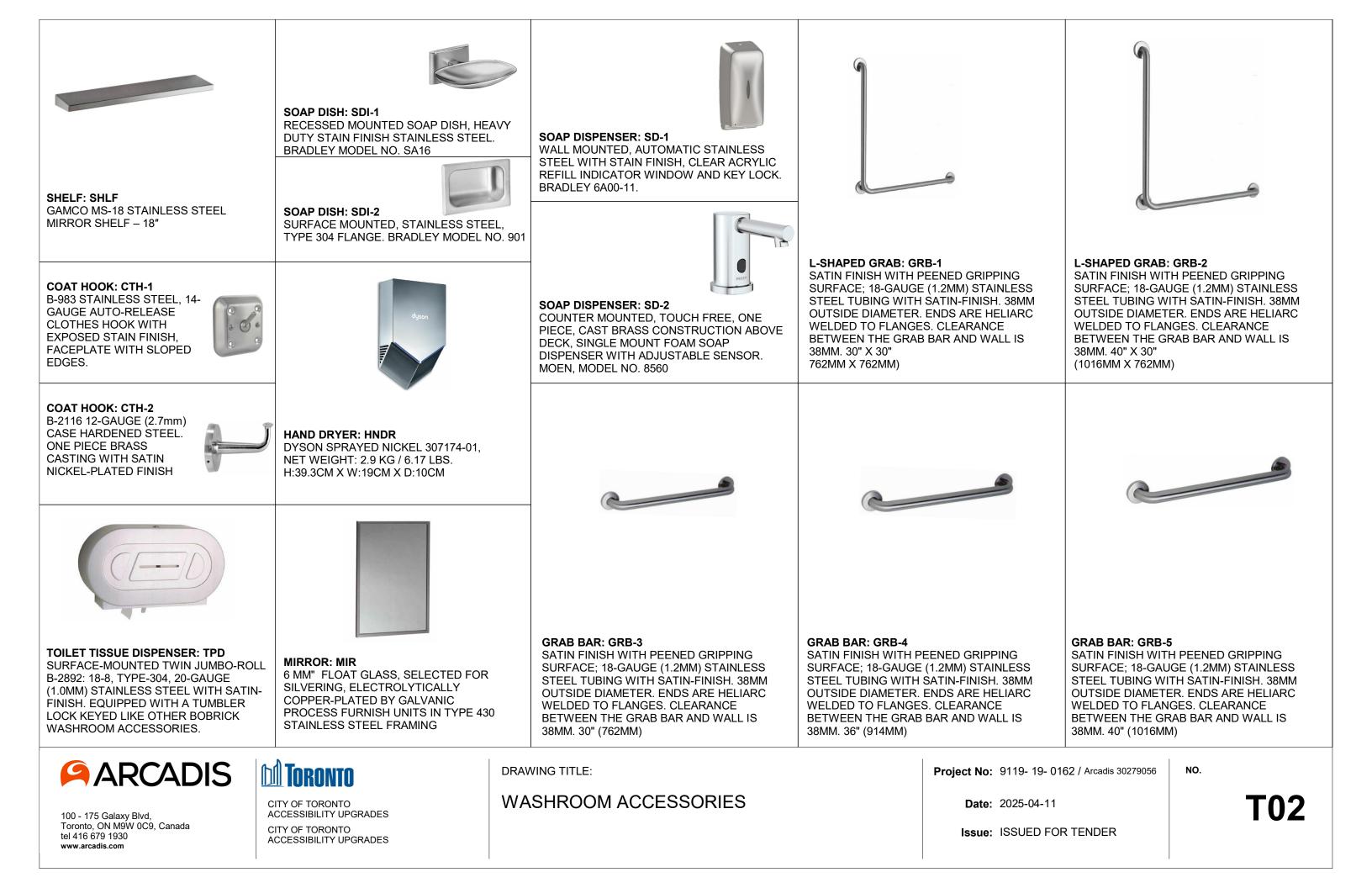
WASHROOM

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.		
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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

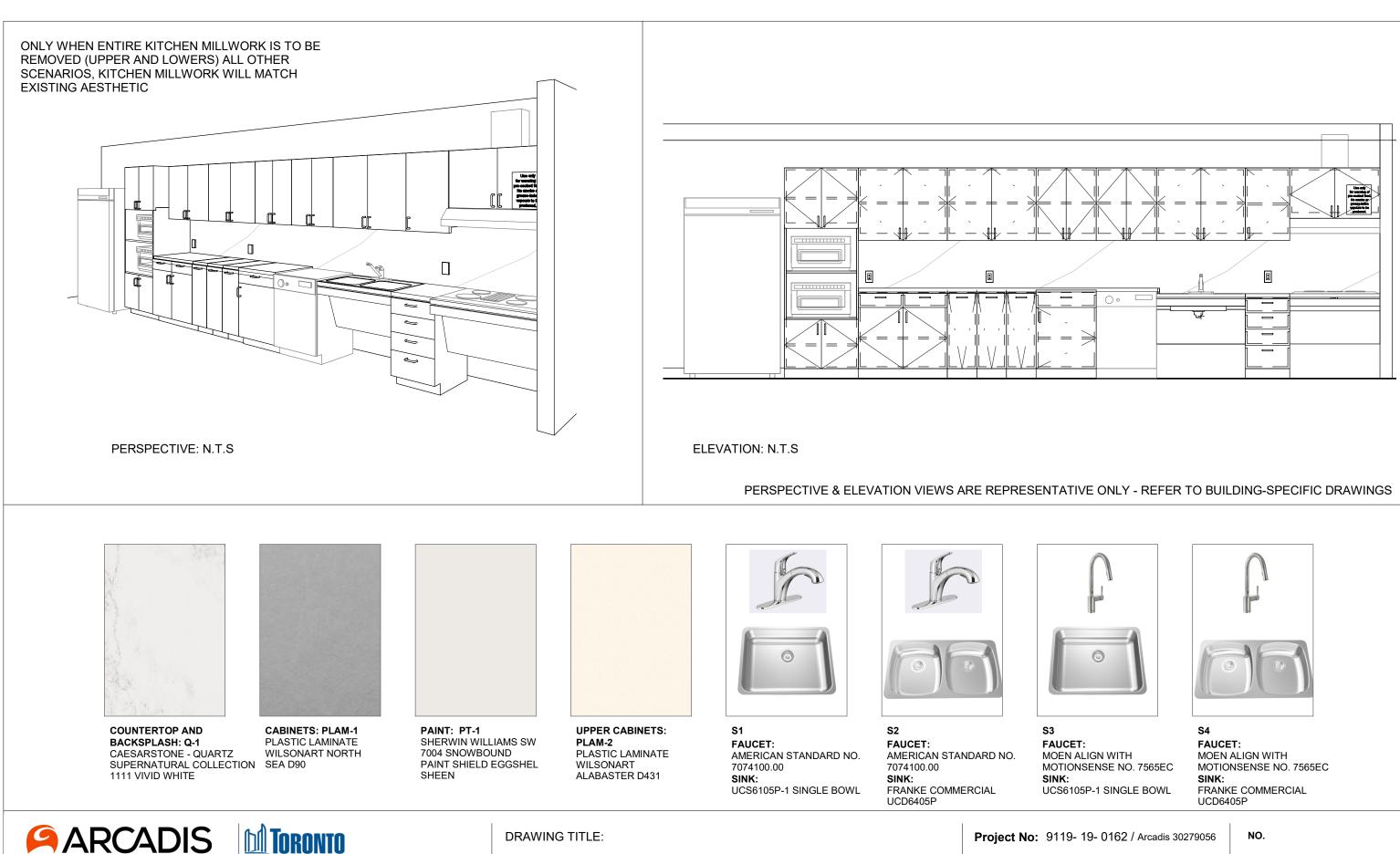
EZSDWSLK GALVANIZED STEEL WALL MOUNTED, WHEELCHAIR TYPE WATER COOLER WITH STAINLESS STEEL TOP, FRONT AND SIDE MOUNTED PUSH TO OPERATE LEVER(S), SENSOR, TOUCHLESS ACTIVATION WITH AUTO SHUT OFF BOTTLE FILLER, FLEXI-GUARD SAFETY BUBBLER, AND TRAP PACKAGE.



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



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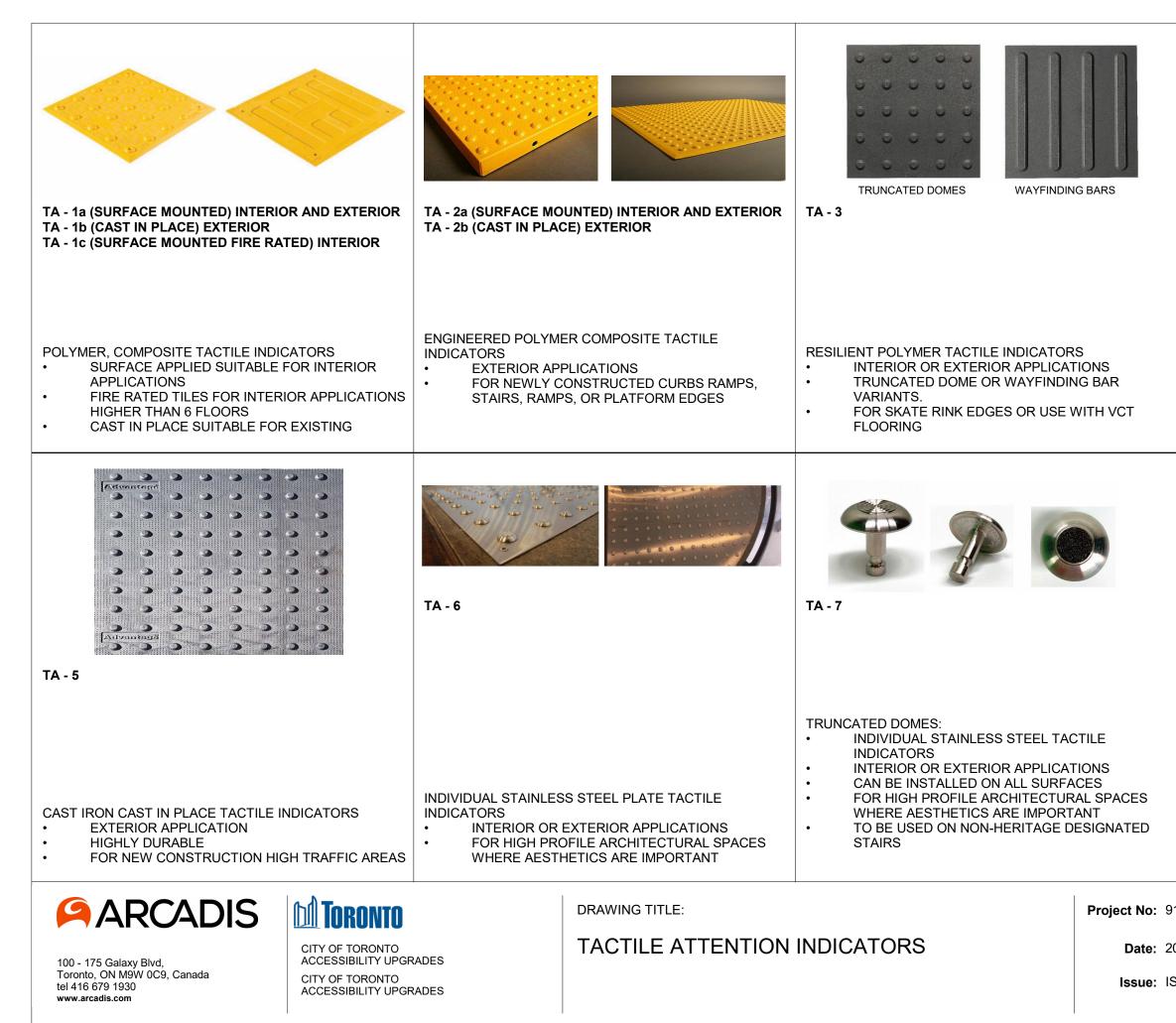


Project No: 9119- 19- 0162 / Arcadis 30279056

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

100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com

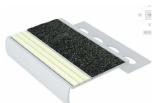
ACCESSIBILITY UPGRADES CITY OF TORONTO ACCESSIBILITY UPGRADES

WARNING STRIP AND NOSING

Date: 2025-04-11

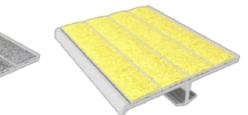
Issue: ISSUED FOR TENDER





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

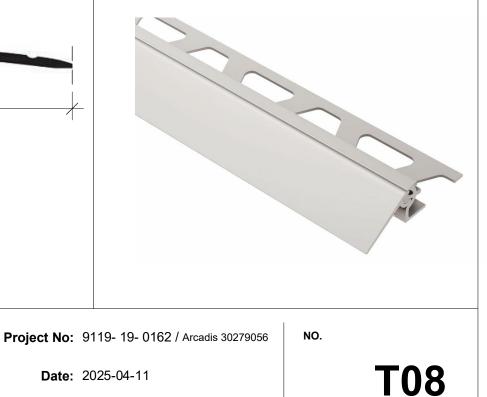


ANODIZED ALUMINUM TRANSITION STRIP BETWWEEN NEW AND EXISTING FLOOR



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

CITY CLERK'S RECORD CENTER 14 DYAS RD.



CITY OF TORC TORONTO, ON M5V 3C6	
ISSUES No. DESCRIPTION A 50% SUBMISSION B 90% SUBMISSION C ISSUED FOR PERMIT D ISSUED FOR TENDER	DATE 2021-11-19 2022-02-22 2022-03-18 2025-04-11
CITY OF TORONTO ACCESSIBILITY UPGRADES PROGRAM GROUP 05	
100 - 175 Galaxy Blvd,	DIS
Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com PROJECT NO: 9119-19-0162 / Arcadis 30279056 DATE: 2025-04-11 SHEET NUMBER G05-048-G000	I ISSUE

NOT FOR CONSTRUCTION

ISSUED FOR TENDER

GENERAL DRAWING INDEX

SHEET NAME

G0001 COVER SHEET G0002 DRAWING LIST

SHEET NUMBER

ARCHITECTURAL DRAWING INDEX

SHEET NUMBER	SHEET NAME
A1001	DEMOLITION SITE PLAN
A1002	ENLARGED DEMOLITION SITE PLAN
A1201	SITE PLAN
A1301	ENLARGED SITE PLAN
A1302	SITE PLAN - EXTERIOR STAIR
A2011	FIRST FLOOR DEMOLITION PLAN
A2012	ENLARGED FIRST FLOOR DEMOLITION PLAN
A2111	FIRST FLOOR STAGING PLAN
A2411	FIRST FLOOR PROPOSED PLAN
A2412	ENLARGED FIRST FLOOR PROPOSED PLAN
A3011	ENLARGED ELEVATIONS
A5011	BARRIER FREE WASHROOM PLAN/ ELEVATIONS
A5211	STAIR PLANS
A5212	STAIR PLANS
A7111	LUNCH ROOM 105 - PLANS/ ELEVATIONS
A8010	SIGNANE & WAYFINDING DETAILS LEVEL 1 LOCATION PLAN
A8100	SIGNANE & WAYFINDING DETAILS MESSAGE SCHEDULE
A9001	DOOR AND ROOM FINISH SCHEDULES

1 C	irm Name: IBI GROUP A CERTIFICATE OF PRACT 00-175 Galaxy Boulevard oronto, ON M9W OC9 416 679 1930 F 416 675			Name of Project CITY CLERK'S REC Location 14 DYAS RD NORTH YORK, ON M3B
ITEM		Ontario's 2012 Buildi Data Matrix Part 3 or		OBC RE References are to
1.	PROJECT DESCRIPTIO	N 🗆 New 🛛 PART	11	(A) for Division A
	CHANG	GE OF USE Alteration 11.1 to 11	.4	1.1.2. [A]
2.	MAJOR OCCUPANCY(S SUBSIDIARY OCCUPAN		ID PERSONAL SERVICE OCCUPANIES	3.1.2.1. (1)
3.	BUILDING AREA (m ²)	EXISTING - 2580 NEW -	- 0 TOTAL - 2580	1.4.1.2. [A]
4.	GROSS AREA (m²)	EXISTING - 2580 NEW -	- 0 TOTAL - 2580	1.4.1.2. [A]
5.	NUMBER OF STOREYS	ABOVE GRADE - 1	BELOW GRADE - <u>0</u>	1.4.1.2. [A] & 3.2.1.1.
6.	NUMBER OF STREETS	FIRE FIGHTER ACCESS - 1	EXISTING NO CHANGE	3.2.2.10. & 3.2.5.
7.	BUILDING CLASSIFICA	TION - EXISTING NO CHANG	i <u>E</u>	3.2.2.67.
8.	SPRINKLER SYSTEM P		ING	3.2.2.67
		□ SELECTED CO		3.2.1.5
		SELECTED FLC BASEMENT	OOR AREAS	3.2.2.17 INDEX
9.	STANDPIPE REQUIRED	D 🛛 YES 🗆 N	0	3.2.9.
	STANDPIPE PROVIDED	YES 🗆 N	0	
10.	FIRE ALARM REQUIRE	D 🛛 YES 🗆 N	0	3.2.4.
	FIRE ALARM PROVIDE	D 🛛 YES 🗆 N	0	
11.	WATER SERVICE/SUPP	PLY 🛛 YES 🗆 N	0	3.2.5.7.
12.	HIGH BUILDING	🗆 YES 🖾 N	0	3.2.6.
13.	CONSTRUCTION REST	PERMITTED	 □ NON-COMBUSTIBLE □ BOTH REQUIRED ☑ NON-COMBUSTIBLE □ BOTH 	3.2.2.67.
14.	MEZZANINE (S) AREA	m²	<u>N/A</u>	3.2.1.1. (3) - (8)
15.	OCCUPANT LOAD BAS	ED ON m²/PERSON		3.1.17.
	1ST FLOOR:	OCCUPANCY	LOAD PERSONS	
	2ND FLOOR:	OCCUPANCY	LOAD PERSONS	
	MEZZANINE FLOOR:	OCCUPANCY	LOAD PERSONS	
16.	BARRIER FREE DESIG	N 🛛 YES 🗆 N	IO (EXPLAIN)	3.8.
17.	HAZARDOUS SUBSTAN	NCES 🗆 YES 🖾 N	10	3.3.1.2 & 3.3.1.19
18a.	REQUIRED FIRE		LISTED DESIGN NO.	3.2.2.67.
	RESISTANCE RATING	FRR (HOURS) FLOORS <u>NO CHANGE</u>	OR DESCRIPTION (SB-2)	& 3.2.1.4.
	(FRR)	ROOF <u>NO CHANGE</u>		
		MEZZANINE <u>N/A</u>		

/9/2025 3:27:51 P

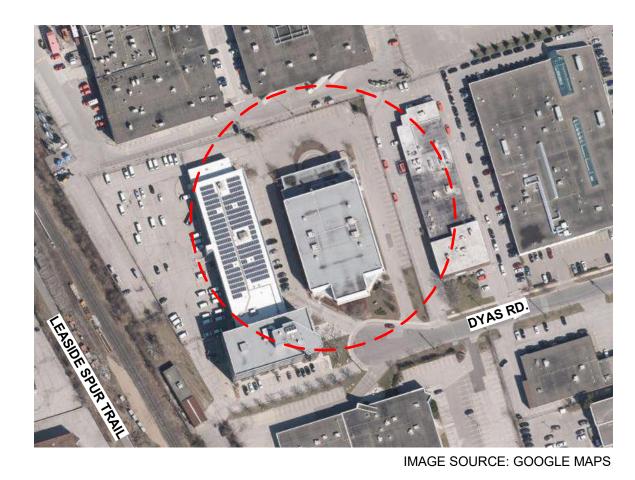
	STRUCTURAL DRAWING INDEX		
SHEET NUMBER	SHEET NAME		
S0001	DRAWING LIST		
S1201	SITE PLAN		
S2001	DEMOLITION PLAN		
S2501	PPROPOSED PLAN		
S5200	PLANS, SECTION - STAIRS		

MECHANICAL DRAWING INDEX

SHEET NUMBER	SHEET NAME	
M0001	MECHANICAL DRAWING LIST	
M1101	DEMOLITION PLAN - GROUND FLOOR	
M2101	PLUMBING - GROUND FLOOR	
M3101	DRAINAGE - GROUND FLOOR	

		ITEM					Ontario's 2012 Building Data Matrix Part 3 or 9	g Code				Referenc	BC REFERENCE es are to Division I vision A or (C) for I	B unless noted
CORD CENTER, ACCE	SSIDILITY UPGRADES	18b.	REQUIR	ED FIRE		RR OF SU	PPORTING							
3B 1V5			RESISTA		G 🛏		NO CHANGE	OR DESCRIPTIC	JN (5B-2)			TABLE 2.1.1.		
REFERENCE re to Division B unless noted n A or (C) for Division C	REMARKS		(FRR)											
D PART 9						ROOF /IEZZANINI	NO CHANGE				SB-2	TABLE 2.1.1.		
1.1.2. [A] & 9.10.1.3.														
9.10.2.				1							3.2.3		9.10.14	
	EXISTING NO CHANGE			AREA OF EBF (m ²)	LD (M)	L/H OR H/L	PERMITTED MAX. % OF OPENINGS	PROPOSED % OF OPENINGS	FRR (HOURS)	LISTED DESIGN OR DESCRIPTION	COMB. CONST.	COMB. CONS NONC. CLADE		
			NORTH SOUTH						0 0	-				
1.4.1.2. [A]			EAST						00					
1.4.1.2. [A]	EXISTING NO CHANGE		West Plumbii		REQI	JIREMENT			0		-	-		
1.4.1.2. [A] & 9.10.4.														
9.10.20.					-		/ %	EXISTING NO	CHANGE					
9.10.2.			EXCEPT	AS NOTED	OTHE	RWISE		OCCUPANT	LOAD	OBC TABLE NU		FIXTURES REQUIRED	FIXTURES PROVIDED	
9.10.8.2	EXISTING NO CHANGE		MAJOR	OCCUPANC	Y			X MALE		3.7.4.9.	X			3.7.4.9.
								X FEMALE		3.7.4.9.	X	×		3.7.4.9.
INDEX N/A	EXISTING NO CHANGE	21.	EXITS/ A	ACCESS TO E	EXIT-									
		22	OTHER	(DESCRIBE)	-									
9.10.18.	EXISTING NO CHANGE	ITEN		()		ntario Buil	ding Code Data Matrix	- Part 11 - Renov	ation of Exis	ting Building			OBC REFE	
N/A	EXISTING NO CHANGE	11.1	EXIS	TING BUILDI	NG								11.2.1.	
N/A			CLAS	SIFICATION	:		USE: CONSTRUCTION IN						TABLE 11.2.	
9.10.6.	EXISTING NO CHANGE						HAZARD INDEX:	RIE (NO CHANGE					TABLE 11.2. ² TO N	1.1.B.
		11.2	ALTE	RATION TO	EXIST	ING	BASIC RENOVATIO	•					11.3.3.1.	
		-	BUILI	DING IS:			EXTENSIVE RENOV						11.3.3.2.	
9.10.4.1.	EXISTING NO CHANGE	11.3		JCTION IN	LEVEL	.:	STRUCTURAL:				D	YES	11.4.2.	
							BY INCREASE IN O	CCUPANT LOAD:		⊠ NG	D	YES	11.4.2.1.	
							BY CHANGE OF MA	JOR OCCUPANC	Y:			YES	11.4.2.2.	
							PLUMBING: SEWAGE SYSTEM:			⊠ NO ⊠ NO		YES YES	11.4.2.3.	
		11.4		PENSATING STRUCTION:			STRUCTURAL:			× N		YES (EXPLAIN)	11.4.3 11.4.3.2	
9.5.2.	ONLY PROPOSED AREA OF WORK - COMPLIANT WITH CITY OF TORONTO						BY INCREASE IN O	CCUPANT LOAD:		⊠ N0		YES (EXPLAIN)	11.4.3.3	
	ACCESSIBILITY DESIGN GUIDELINE DRAFT 2016 WHEN POSSIBLE						BY CHANGE OF MA	JOR OCCUPANC	Y:	⊠ N0		YES (EXPLAIN)	11.4.3.4	
9.10.1.3.(4)							PLUMBING:				D	YES (EXPLAIN)	11.4.3.5	
9.10.8. 9.10.9.										_	_			
							SEWAGE SYSTEM:			⊠ NC	□ (YES (EXPLAIN)	11.4.3.6	
		11.5	0.014	PLIANCE			🛛 NO							

						_			1
			ELE	CTRIC	CAL D	RA	WING INDEX		
SHEET SHEET NAME						SH	IEET NAME		
E0	E0000 DRAWING LIST								I III IORONTO
E1101ELECTRICAL DEMOLITION PLAN 1ST FLOORE2101POWER & SYSTEMS PLAN 1ST FLOOR									Corporate Real Estate Management
									Project Management Office Metro Hall Toronto, ON
									M5V 3C6 COPYRIGHT
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									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 2025-04-11
			FERENCE				REMARKS]	
			o Division B (or (C) for Div					-	
ABLE 2. ⁴	1.1.								
									CONSULTANTS
ABLE 2. ²	1 1								
ADLE 2.	1.1.								
			9.10.14.						
	COMB. CONST. NON-COMB. IONC. CLADDING CONST.								
	-					ł	EXISTING NO CHANGE		
	<u>-</u>								
								-	
	-				OBC	REF	FERENCE	-	SEAL
				\boxtimes	PART 3	5	D PART 9]	
XTURES EQUIRE			URES VIDED						
	X			3.7.4.9.					
	X			3.7.4.9.	1				
	EXIS			EXIS	STIN	G NO CHANGE		PRIME CONSULTANT	
									ARCADIS
								-	
]	100 - 175 Galaxy Blvd,	
	OBC REFERENCE					REMARKS		Toronto, ON M9W 0C9, Canada tel 416 679 1930	
		11.2.							
			.E 11.2.1. [*] .E 11.2.1. [*]						PROJECT TITLE CITY OF TORONTO
		TON							ACCESSIBILITY UPGRADES
		11.3.3						-	
		11.3.							PROJECT ADDRESS
ES		11.4.	2.						CITY CLERK'S RECORD
ES		11.4.							CENTER
ES ES		11.4.: 11.4.:							14 DYAS RD.
ES ES									PROJECT NO:
ES (FYP	11.4.3 S (EXPLAIN) 11.4.3.2						1	9119-19-0162 / Arcadis 30279056	
·								DRAWN BY: CHECKED BY: A. KVASNIUK L. BANDIERA	
ES (EXP	6 (EXPLAIN) 11.4.3.3							PROJECT MGR: APPROVED BY:	
ES (EXP	LAIN)	11.4.3	3.4						F. BOLOURIANE. FENUTASHEET TITLE
									DRAWING LIST
ES (EXP	LAIN)	11.4.3	3.5						
ES (EXP	LAIN)	11.4.3	3.6						
· ··	,	11.5.						-	SHEET NUMBER ISSUE
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2 KEY PLAN A1001 Scale: NTS

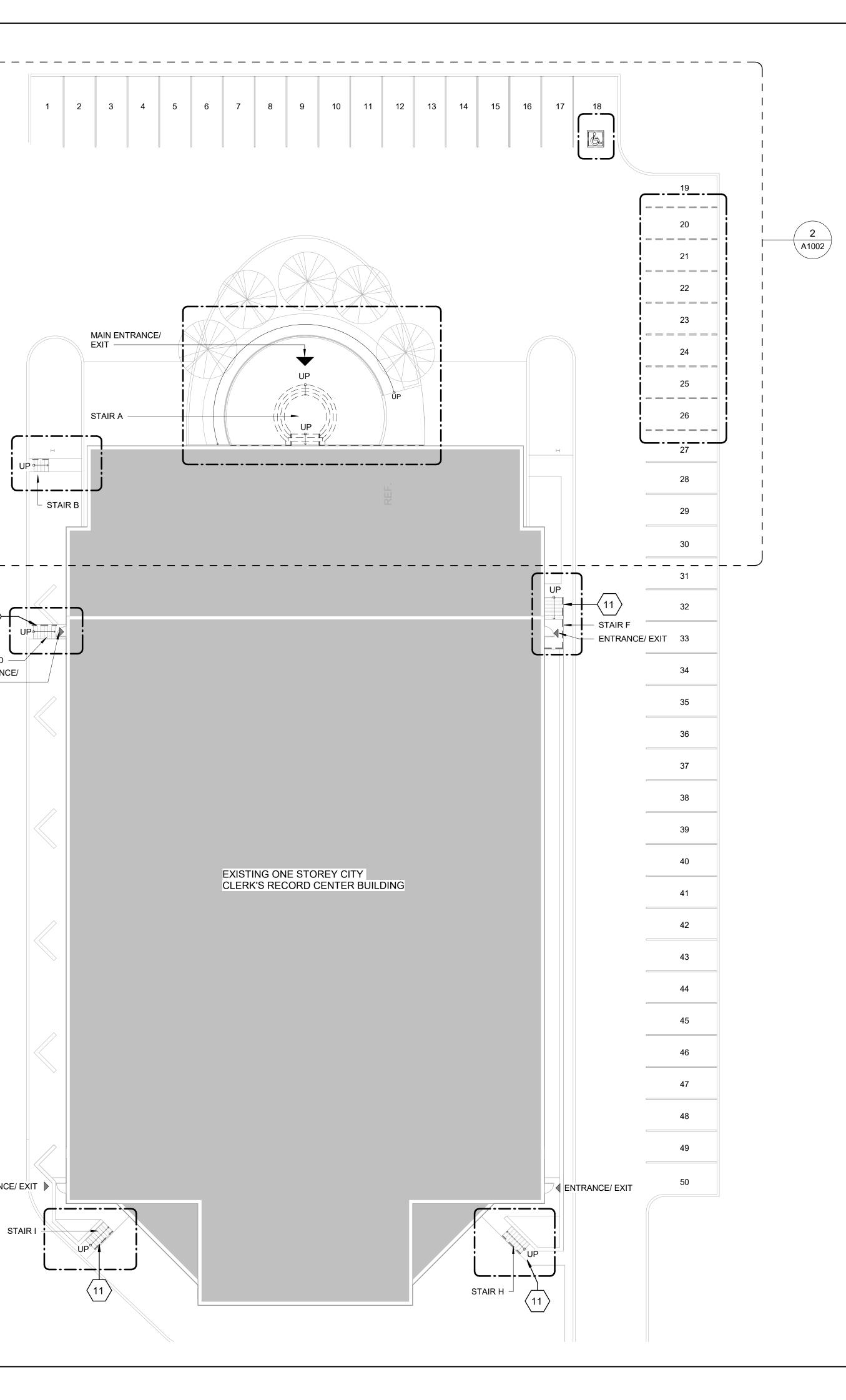
ENTRANCE/ EXIT

(11)

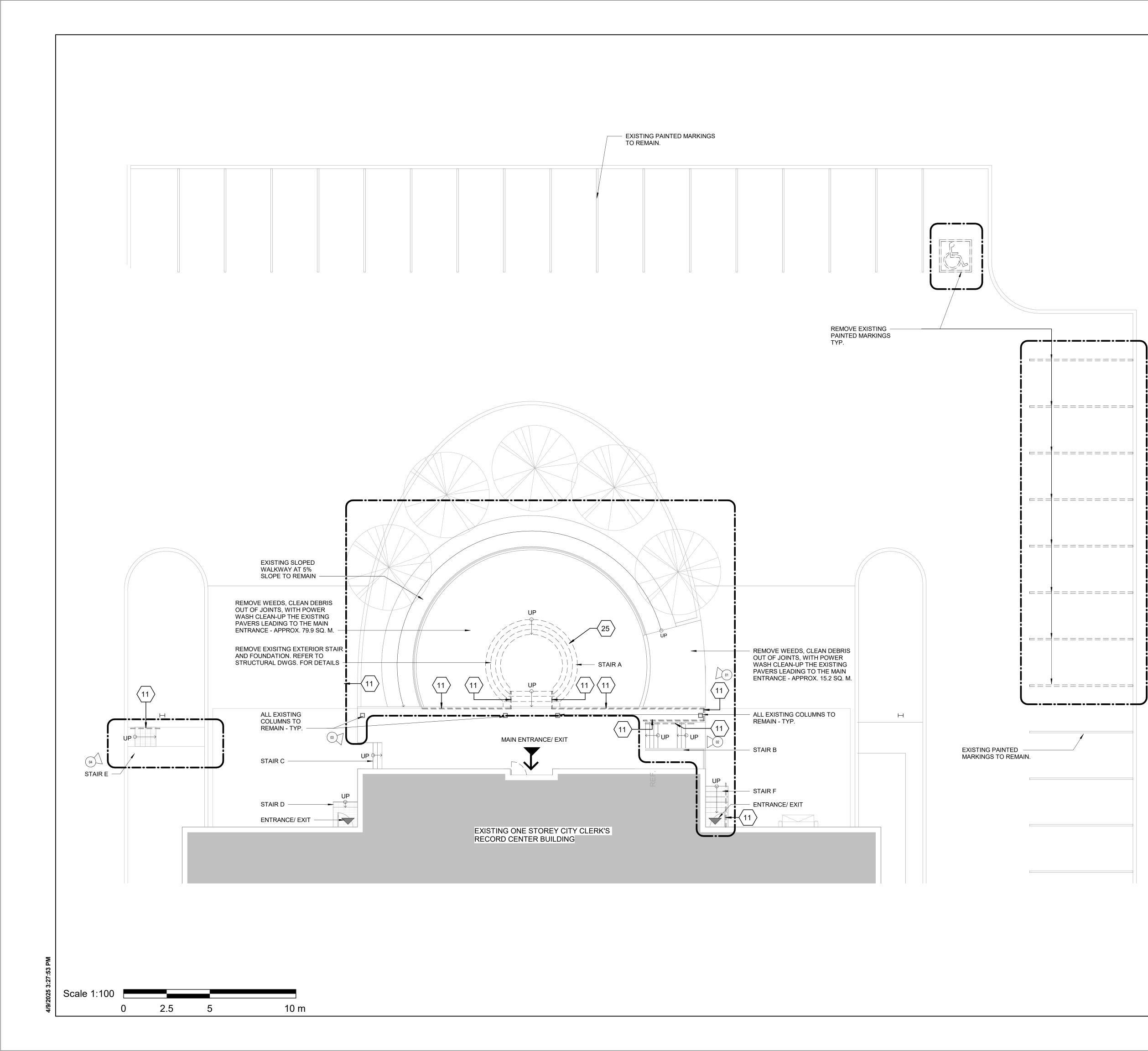
STAIR D ENTRANCE/ EXIT

1 DEMOLITION SITE PLAN A1001 Scale: 1:200

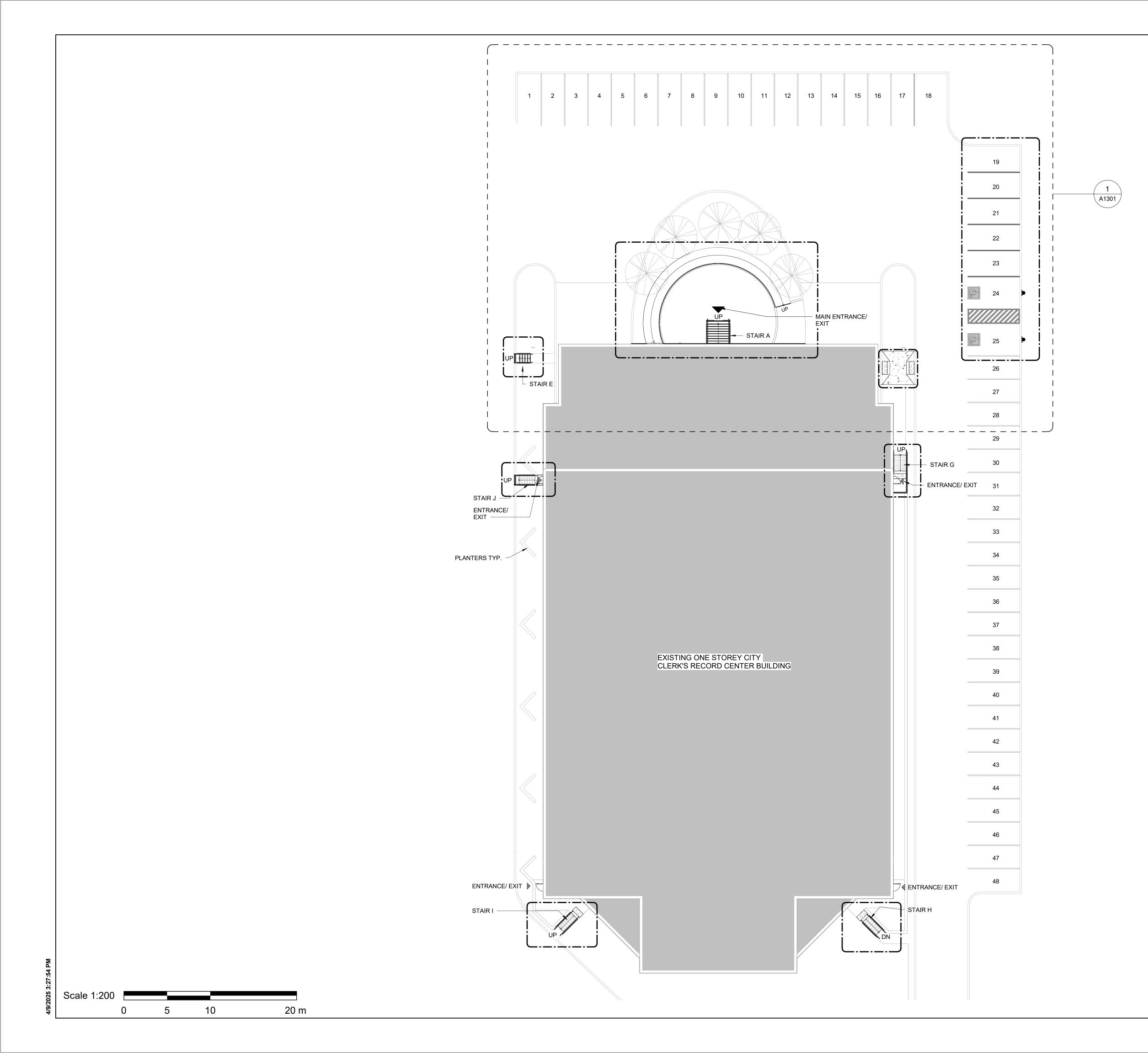
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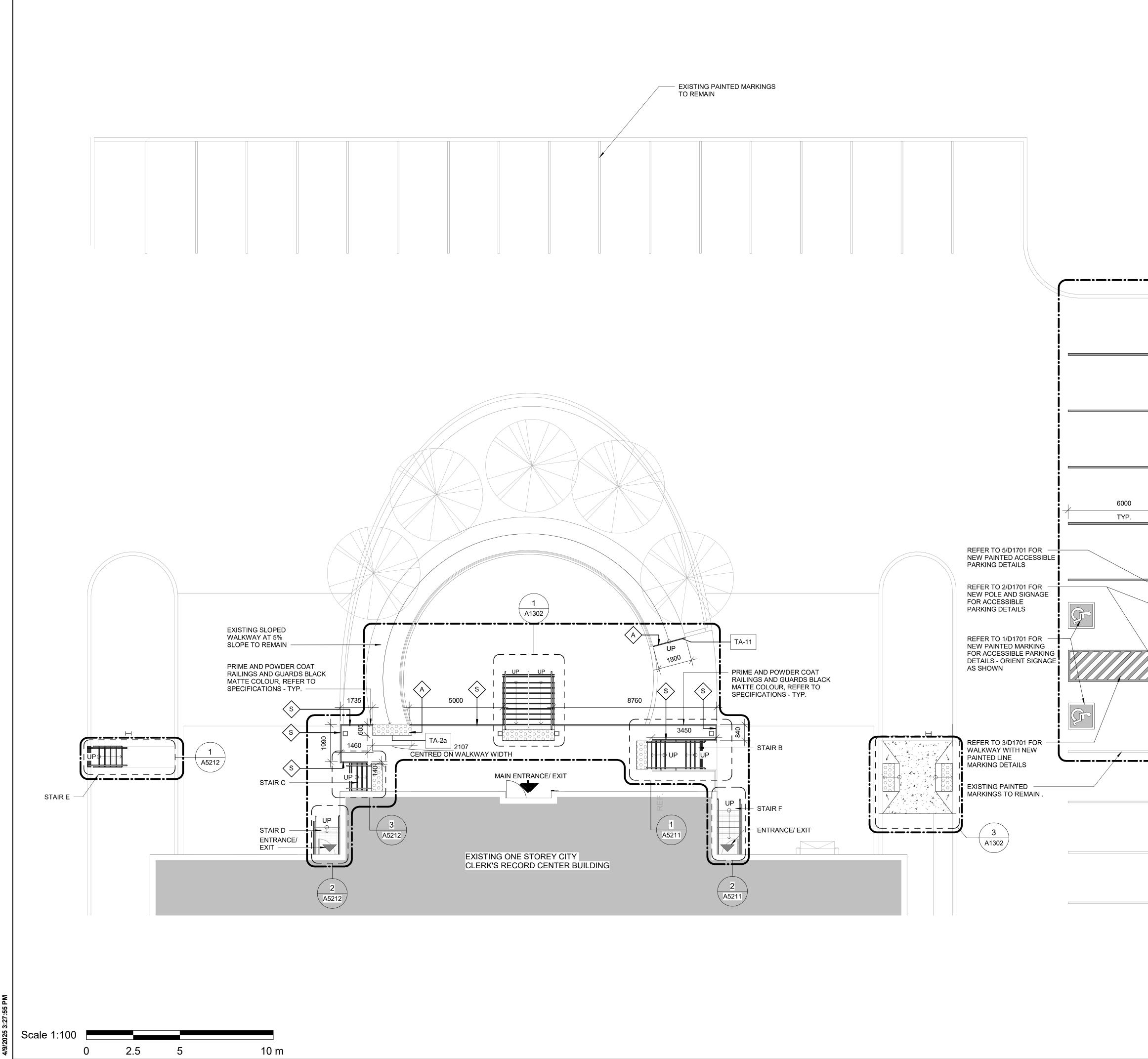
		CLIENT
SITE LEGE	ND	
G	NEW BARRIER FREE PARKING SPACE - REFER TO DETAIL 1/D1701 & 5/D1701	Corporate Real Estate Management Project Management Office Metro Hall Toronto, ON
	ACCESSIBLE PARKING SIGN ON POST - REFER TO DETAIL 2/D1702	M5V 3C6 COPYRIGHT This drawing has been prepared solely for the intended use, thus any reproduction or distribution for any purpose other than authorized by 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
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	NEW PAINTED LINE MARKING DETAIL - REFER TO DETAIL 3/D1701	
	NEW PAINTED LINE MARKING DETAIL - REFER TO DETAIL 4/D1701	
	DASHED AREA INDICATES AREA OF WORK	
GOOGLE MAPS AND EXISTING DISCREPANCY BEFORE COMM 2 DURING CONST ENTRANCES W FENCING. REST PAVING AND AL ALL EXTERIOR AS NEEDED WI 3 VERIFY ALL UNI DIGGING AND F CONSULTANT.	ENSIONS ARE APPROXIMATE BASED ON . CONTRACTOR TO VERIFY ALL DIMENSIONS SITE SERVICES AND TO REPORT ANY TO THE CONSULTANT AND THE OWNER ENCEMENT OF THE WORK. RUCTION, CONTRACTOR TO COORDINATE ITH OWNER FOR HOARDING AND EXTERIOR TORE EXTERIOR WALKWAY, DRIVEWAY, L SOFT LANDSCAPING MATERIAL AROUND EXCAVATED AREAS AFTER CONSTRUCTION TH THE SAME MATERIAL AND FINISH. DERGROUND BURIED UTILITIES PRIOR TO REPORT ANY CONFLICTS TO THE KEY NOTES DESCRIPTION NG GUARDRAIL, HANDRAIL AND/OR HANDRAIL	CONSULTANTS
	PAIR AND MAKE GOOD ALL SURFACES.	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
		PROJECT ADDRESS CITY CLERK'S RECORD CENTER 14 DYAS RD.
		PROJECT NO:9119-19-0162 / Arcadis 30279056DRAWN BY:CHECKED BY:A. KVASNIUKL. BANDIERAPROJECT MGR:APPROVED BY:F. BOLOURIANE. FENUTASHEET TITLE
	True North Project North	DEMOLITION SITE PLAN SHEET NUMBER G05-048-A1001



		CLIENT
SITE LEGEN	ND	
E	NEW BARRIER FREE PARKING SPACE - REFER TO DETAIL 1/D1701 & 5/D1701	Corporate Real Estate Management Project Management Office Metro Hall Toronto, ON M5V 3C6
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	EXISTING EXIT TO REMAIN	B 90% SUBMISSION 2022-02-22 C ISSUED FOR PERMIT 2022-03-18 D ISSUED FOR TENDER 2025-04-11
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	NEW PAINTED LINE MARKING DETAIL - REFER TO DETAIL 4/D1701	
	DASHED AREA INDICATES AREA OF WORK	
DISCREPANCY T BEFORE COMME 2 DURING CONSTI ENTRANCES WI FENCING. RESTO PAVING AND ALL ALL EXTERIOR E AS NEEDED WIT 3 VERIFY ALL UNE DIGGING AND RI CONSULTANT. DEMOLITION 11 REMOVE EXISTI POST BASE. REF 25 DEMOLISH EXIST DEBRIS AND PRE SMOOTH TRANS	SITE SERVICES AND TO REPORT ANY TO THE CONSULTANT AND THE OWNER ENCEMENT OF THE WORK. RUCTION, CONTRACTOR TO COORDINATE TH OWNER FOR HOARDING AND EXTERIOR ORE EXTERIOR WALKWAY, DRIVEWAY, L SOFT LANDSCAPING MATERIAL AROUND EXCAVATED AREAS AFTER CONSTRUCTION THE SAME MATERIAL AND FINISH. DERGROUND BURIED UTILITIES PRIOR TO EPORT ANY CONFLICTS TO THE KEY NOTES DESCRIPTION NG GUARDRAIL, HANDRAIL AND/OR HANDRAIL PAIR AND MAKE GOOD ALL SURFACES. TING CONCRETE STAIR OR RAMP, REMOVE EPARE FOR NEW STAIR OR RAMP. PROVIDE SITION BETWEEN SURFACES AND PROTECT AREAS DURING THE WORK.	CONSULTANTS
PHOTO 01 - REMOVE	EXTEDIOD	
STAIR	EXTERIOR	PRIME CONSULTANT
		100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930
PHOTO 02 - EXISTING REMOVE EXTERIOR F		www.arcadis.com PROJECT TITLE CITY OF TORONTO ACCESSIBILITY UPGRADES
		PROJECT ADDRESS CITY CLERK'S RECORD CENTER 14 DYAS RD.
PHOTO 03 - EXISTING	S STAIR C	PROJECT NO: 9119-19-0162 / Arcadis 30279056 DRAWN BY: A. KVASNIUK PROJECT MGR: F. BOLOURIAN CHECKED BY: L. BANDIERA PROVED BY: E. FENUTA SHEET TITLE
		ENLARGED DEMOLITION SITE PLAN
PHOTO 04 - EXISTING STAIR E	True North Project North	SHEET NUMBER ISSUE D

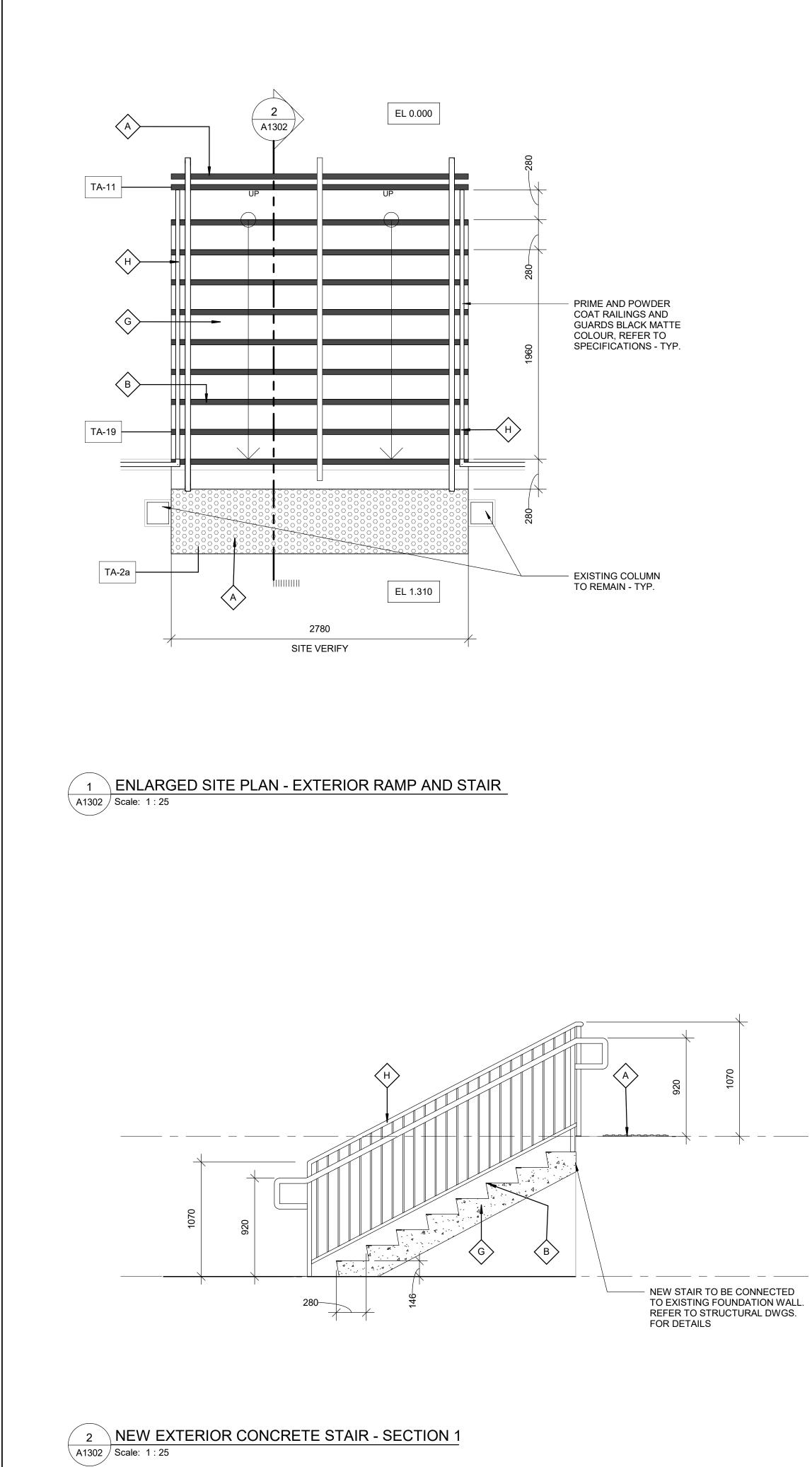


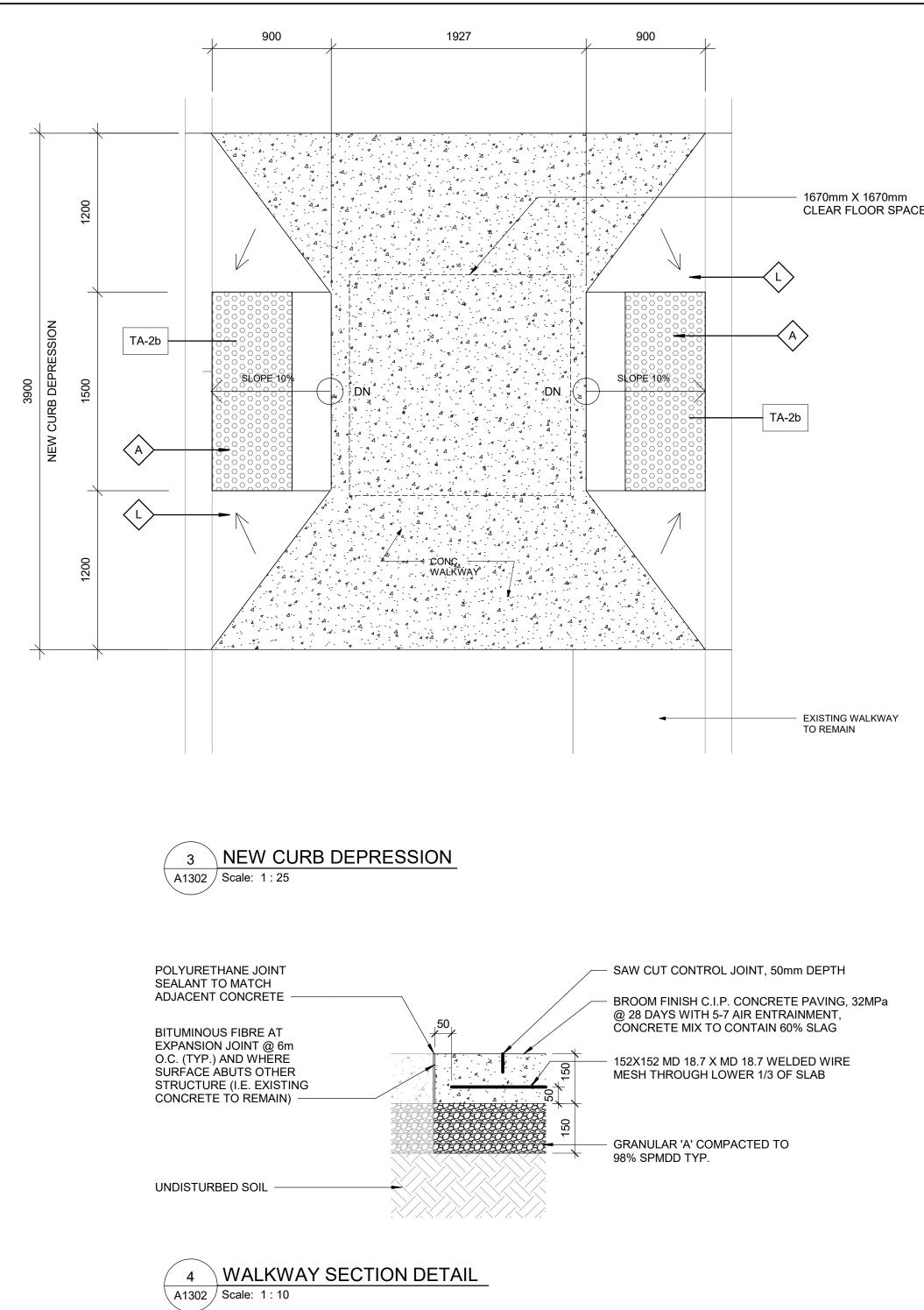
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SITE LEGE	ND	
G	NEW BARRIER FREE PARKING SPACE - REFER TO DETAIL 1/D1701 & 5/D1701	Corporate Real Estate Management Project Management Office Metro Hall Toronto, ON
	ACCESSIBLE PARKING SIGN ON POST - REFER TO DETAIL 2/D1702	M5V 3C6 COPYRIGHT This drawing has been prepared solely for the intended use, thus any reproduction or distribution for any purpose other than authorized by 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.
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	NEW PAINTED LINE MARKING DETAIL - REFER TO DETAIL 4/D1701	
	DASHED AREA INDICATES AREA OF WORK	
GOOGLE MAPS. AND EXISTING S DISCREPANCY BEFORE COMMI 2 DURING CONST ENTRANCES WI FENCING. REST PAVING AND AL ALL EXTERIOR I AS NEEDED WIT 3 VERIFY ALL UNI	ENSIONS ARE APPROXIMATE BASED ON CONTRACTOR TO VERIFY ALL DIMENSIONS SITE SERVICES AND TO REPORT ANY TO THE CONSULTANT AND THE OWNER ENCEMENT OF THE WORK. RUCTION, CONTRACTOR TO COORDINATE TH OWNER FOR HOARDING AND EXTERIOR ORE EXTERIOR WALKWAY, DRIVEWAY, L SOFT LANDSCAPING MATERIAL AROUND EXCAVATED AREAS AFTER CONSTRUCTION THE SAME MATERIAL AND FINISH. DERGROUND BURIED UTILITIES PRIOR TO EPORT ANY CONFLICTS TO THE	CONSULTANTS
		PRIME CONSULTANT PRIME CONSULTANT PROJECT TITLE
		CITY OF TORONTO ACCESSIBILITY UPGRADES PROJECT ADDRESS CITY CLERK'S RECORD CENTER 14 DYAS RD.
		PROJECT NO: 9119-19-0162 / Arcadis 30279056 DRAWN BY: A. KVASNIUK PROJECT MGR: F. BOLOURIAN CHECKED BY: L. BANDIERA PROVED BY: F. BOLOURIAN E. FENUTA SHEET TITLE SITE PLAN
	True North Project North	SHEET NUMBER ISSUE D



]	CLIENT
SITE LEGE	ND	
E	NEW BARRIER FREE PARKING SPACE - REFER TO DETAIL 1/D1701 & 5/D1701	Corporate Real Estate Management Project Management Office Metro Hall Toronto, ON M5V 3C6
	ACCESSIBLE PARKING SIGN ON POST - REFER TO DETAIL 2/D1702	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.
	EXISTING MAIN ENTRANCE	Arcadis Professional Services (Canada) Inc. ISSUES No. DESCRIPTION DATE
	EXISTING EXIT TO REMAIN	A 50% SUBMISSION 2021-11-19 B 90% SUBMISSION 2022-02-22 C ISSUED FOR PERMIT 2022-03-18 D ISSUED FOR TENDER 2025-04-11
	NEW PAINTED LINE MARKING DETAIL - REFER TO DETAIL 3/D1701	
	NEW PAINTED LINE MARKING DETAIL - REFER TO DETAIL 4/D1701	
	DASHED AREA INDICATES AREA OF WORK	
	ENERAL NOTES ENSIONS ARE APPROXIMATE BASED ON	
00 S GOOGLE MAPS 00 S AND EXISTING 01 DISCREPANCY 02 BEFORE COMM	5. CONTRACTOR TO VERIFY ALL DIMENSIONS SITE SERVICES AND TO REPORT ANY TO THE CONSULTANT AND THE OWNER IENCEMENT OF THE WORK.	
الله الله الله الله الله الله الله الله	TRUCTION, CONTRACTOR TO COORDINATE 'ITH OWNER FOR HOARDING AND EXTERIOR TORE EXTERIOR WALKWAY, DRIVEWAY, LL SOFT LANDSCAPING MATERIAL AROUND	
AS NEEDED WI 3 VERIFY ALL UN	EXCAVATED AREAS AFTER CONSTRUCTION TH THE SAME MATERIAL AND FINISH. DERGROUND BURIED UTILITIES PRIOR TO REPORT ANY CONFLICTS TO THE	CONSULTANTS
NO	DESCRIPTION LE ATTENTION INDICATOR AND TACTILE	
WARNING STR 1/D1405.	IP - REFER TO TYPICAL DETAILS 1/D1402 AND	
6/D1401, 1/D140	GUARDRAIL - REFER TO DETAILS 5/D1401, 03.	SEAL
3800		
1600		
		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
		CITY CLERK'S RECORD CENTER 14 DYAS RD.
		PROJECT NO: 9119-19-0162 / Arcadis 30279056 DRAWN BY: CHECKED BY:
		A. KVASNIUKL. BANDIERAPROJECT MGR:APPROVED BY:F. BOLOURIANE. FENUTA
		SHEET TITLE ENLARGED SITE PLAN
	True North Project North	SHEET NUMBER ISSUE D

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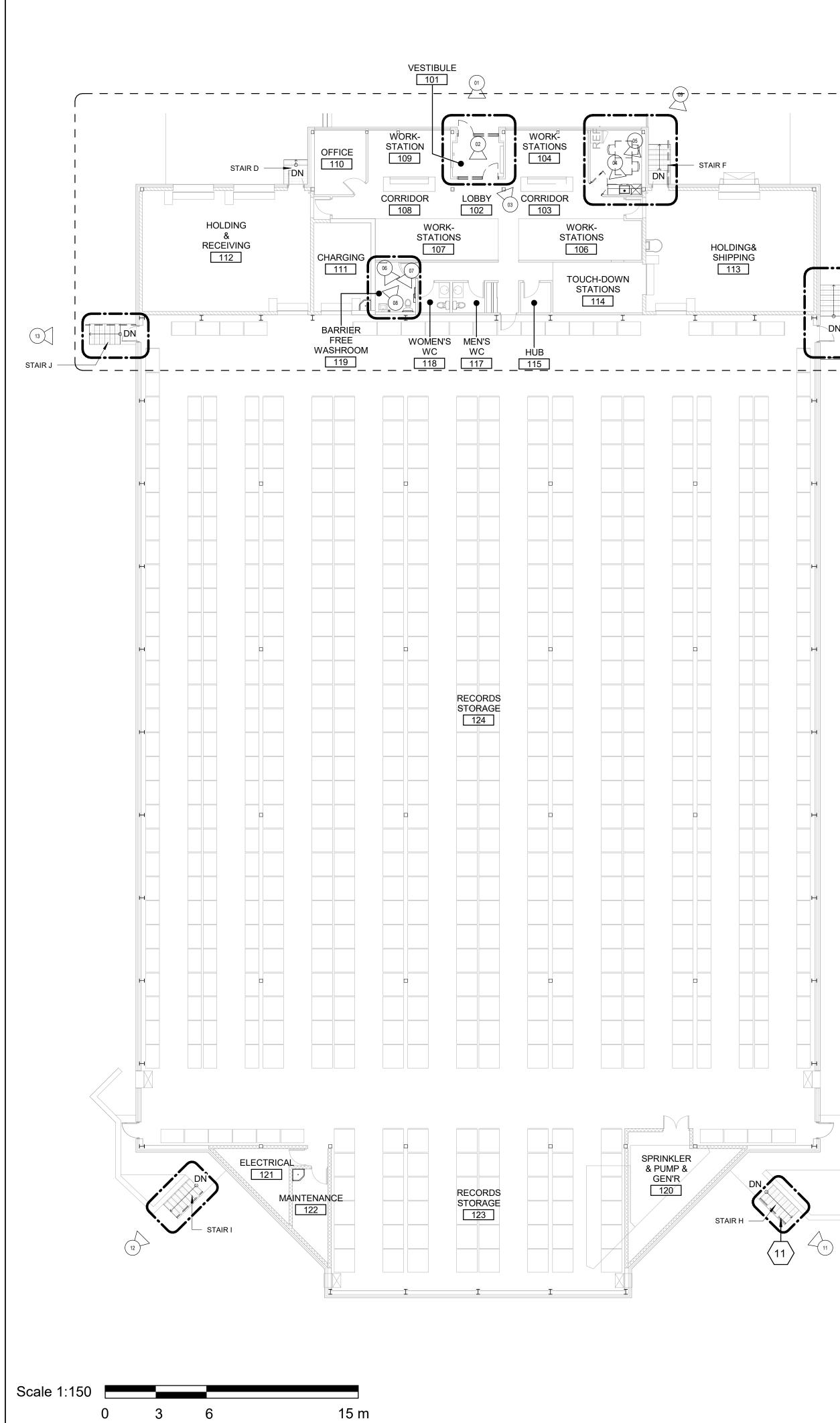




FIRST FLOOR (1.31 m

GRADE (0 m

		ND	
	B	NEW BARRIER FREE PARKING SPACE - REFER TO DETAIL 1/D1701 & 5/D1701	Corporate Real Estate Management Project Management Office Metro Hall Toronto, ON M5V 3C6
E		ACCESSIBLE PARKING SIGN ON POST - REFER TO DETAIL 2/D1702	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.
		EXISTING MAIN ENTRANCE	Arcadis Professional Services (Canada) Inc. ISSUES No. DESCRIPTION DATE A 50% SUBMISSION 2021-11-19
		EXISTING EXIT TO REMAIN	A 50% SUBMISSION 2021-11-19 B 90% SUBMISSION 2022-02-22 C ISSUED FOR PERMIT 2022-03-18 D ISSUED FOR TENDER 2025-04-11
		NEW PAINTED LINE MARKING DETAIL - REFER TO DETAIL 3/D1701	
		NEW PAINTED LINE MARKING DETAIL - REFER TO DETAIL 4/D1701	
		DASHED AREA INDICATES AREA OF WORK	
	1 SITE PLAN DIME GOOGLE MAPS. AND EXISTING S DISCREPANCY T BEFORE COMME 2 DURING CONST ENTRANCES WI FENCING. REST PAVING AND ALL ALL EXTERIOR E AS NEEDED WIT 3 VERIFY ALL UNE DIGGING AND R CONSULTANT. CONSTRUCTI NO A INSTALL TACTIL WARNING STRIF 1/D1405. B INSTALL COLOU TYPICAL DETAIL G INSTALL NEW C DETAILS 2/D1402 H INSTALL NEW G STAIR - REFER T	ONCRETE STAIR AND LANDING - REFER TO 2 AND 4/D1402. UARDRAIL AND HANDRAIL ON CONCRETE TO TYPICAL DETAILS 2/D1402. IRB RAMP. REFER TO TYPICAL DETAIL	CONSULTANTS
			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 TORONTO ACCESSIBILITY UPGRADES
			PROJECT ADDRESS CITY CLERK'S RECORD CENTER 14 DYAS RD.
			PROJECT NO: 9119-19-0162 / Arcadis 30279056 DRAWN BY: CHECKED BY: A. KVASNIUK L. BANDIERA PROJECT MGR: APPROVED BY: F. BOLOURIAN E. FENUTA
			SHEET TITLE SITE PLAN - EXTERIOR STAIR
		True North Project North	G05-048-A1302



EXISTING DOOR, FRAME, MULLIONS AND GLAZING TO BE REMOVED AND DISPOSED OF

EXISTING DOOR, FRAME, MULLIONS AND GLAZING TO BE REMOVED AND DISPOSED OF —

EXISTING DOOR, FRAME, MULLIONS AND GLAZING TO BE

REMOVED AND DISPOSED OF

EXISTING MINI FRIDGE AND

LOCATION REFER TO A7111

TOASTER OVEN TO BE

RELOCATED. FOR NEW

EXISTING PAPER TOWEL

EXISTING MINI FRIDGE, MICROWAVE AND TOASTER

OVEN TO BE RELOCATED. FOR NEW LOCATION REFER

EXISTING TABLES AND CHAIRS IN ROOM 105 TO BE

LOCATION OF TEMPORARY

ALL EXISTING WASHROOM

ACCESSORIES TO BE

REMOVED

RELOCATED - TYP.

STORAGE TBD

DISPENSER TO BE

REMOVED -

TO A7111 -

2 A2012



PHOTO 01: MAIN ENTRANCE -EXTERIOR DOOR



PHOTO 02: MAIN ENTRANCE -VESTIBULE DOOR



PHOTO 03: MAIN ENTRANCE -VESTIBULE DOOR



PHOTO 04: LUNCH ROOM 105

PHOTO 05: LUNCH ROOM 105

and a

RELOCATED

HANDRAIL -

EXISTING SINK, COUNTER REMOVED AND DISPOSED OF

REMOVE EXISTING



REMOVE EXISTING

HANDRAIL -

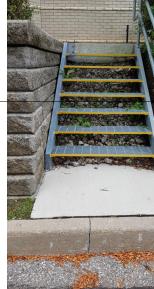


PHOTO 12: STAIR I



PHOTO 13: STAIR J

HOLDING& SHIPPING 113







PHOTO 08: BARRIER-FREE WASHROOM 119

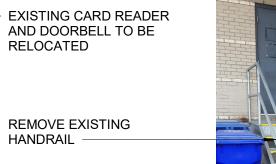




PHOTO 10: STAIR G

PHOTO 11: STAIR H

CALL AS AS

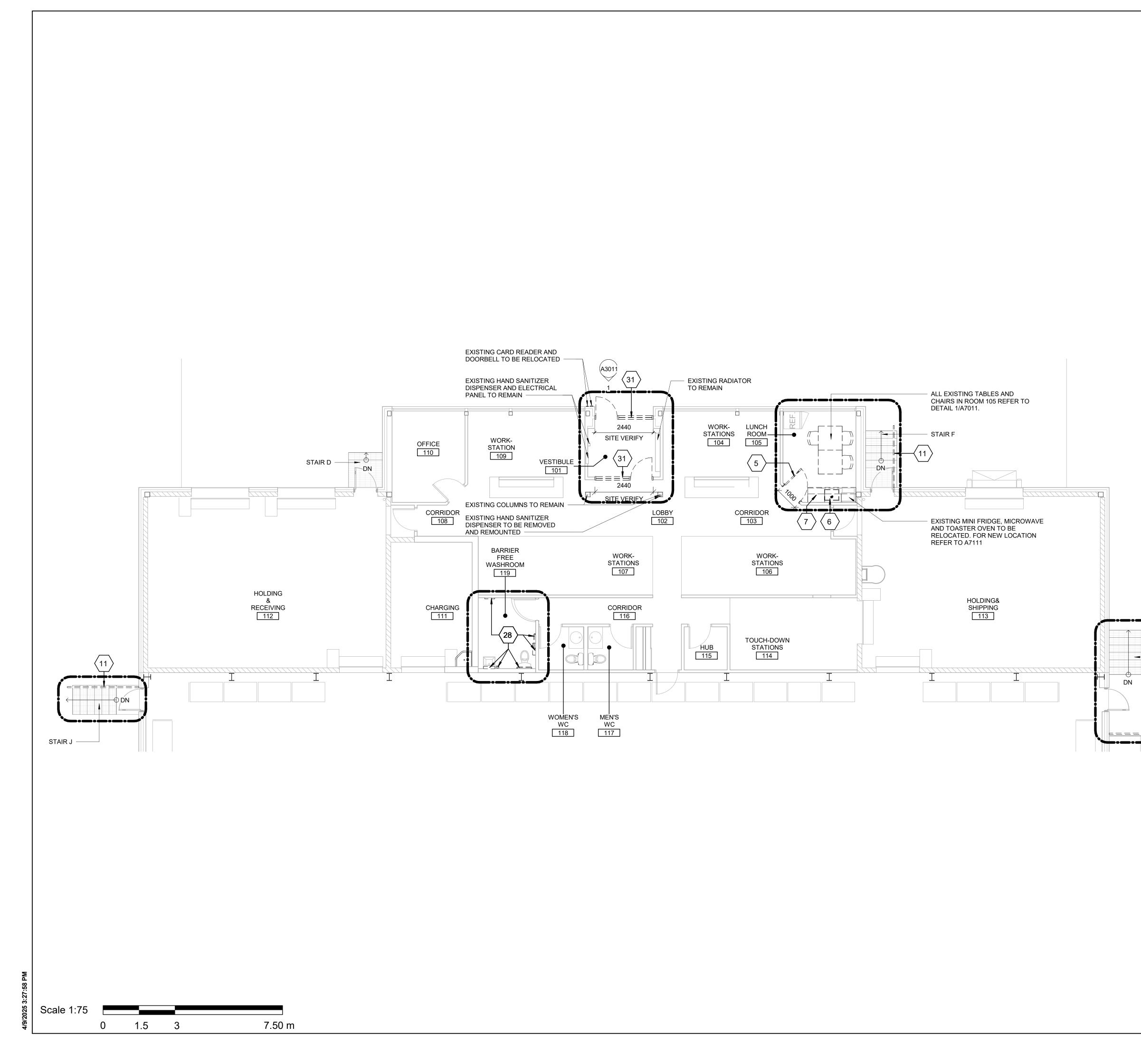


AND CABINETS TO BE

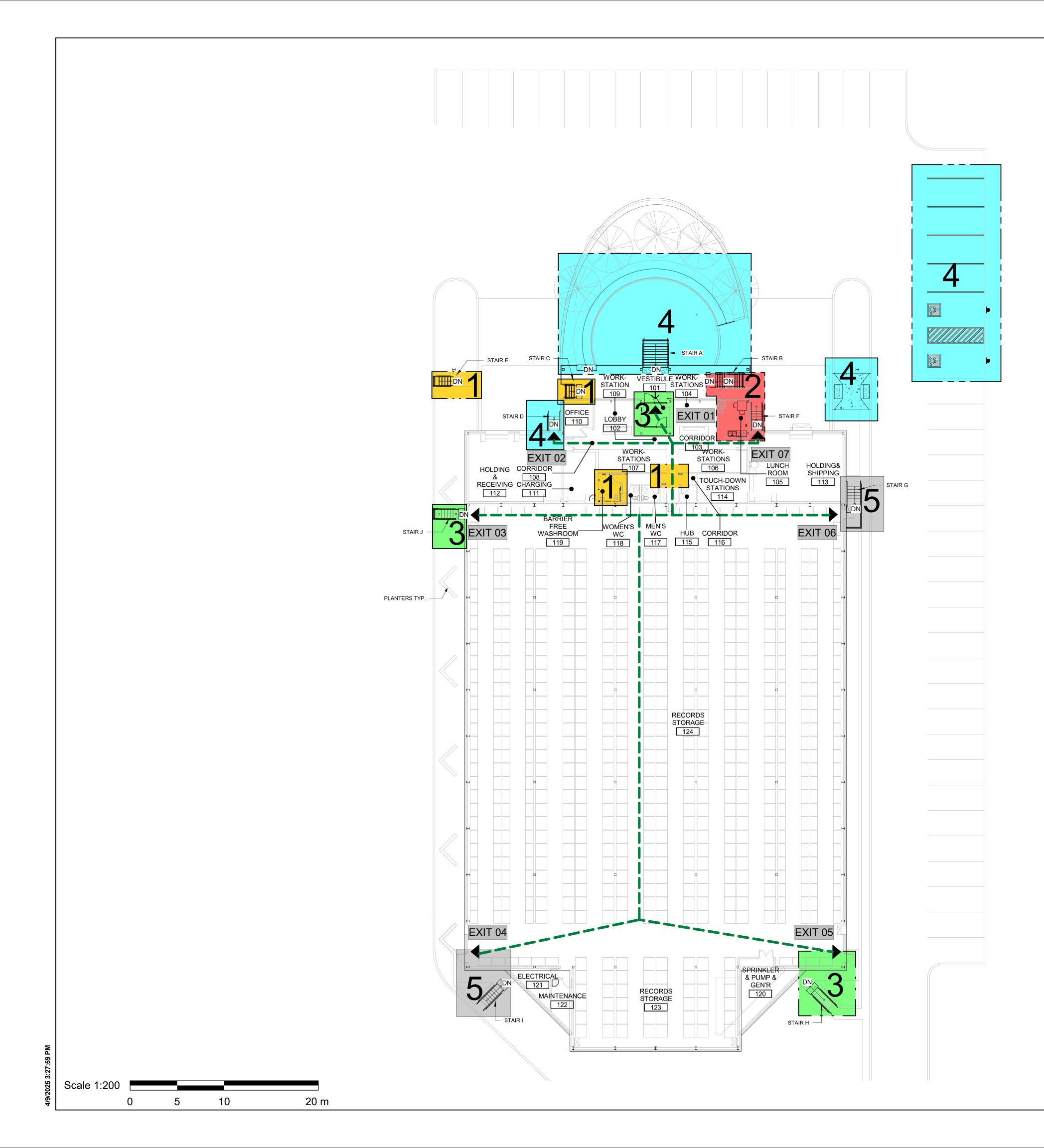
HANDRAIL -

EXISTING SINK, COUNTER AND CABINETS TO BE REMOVED AND DISPOSED OF

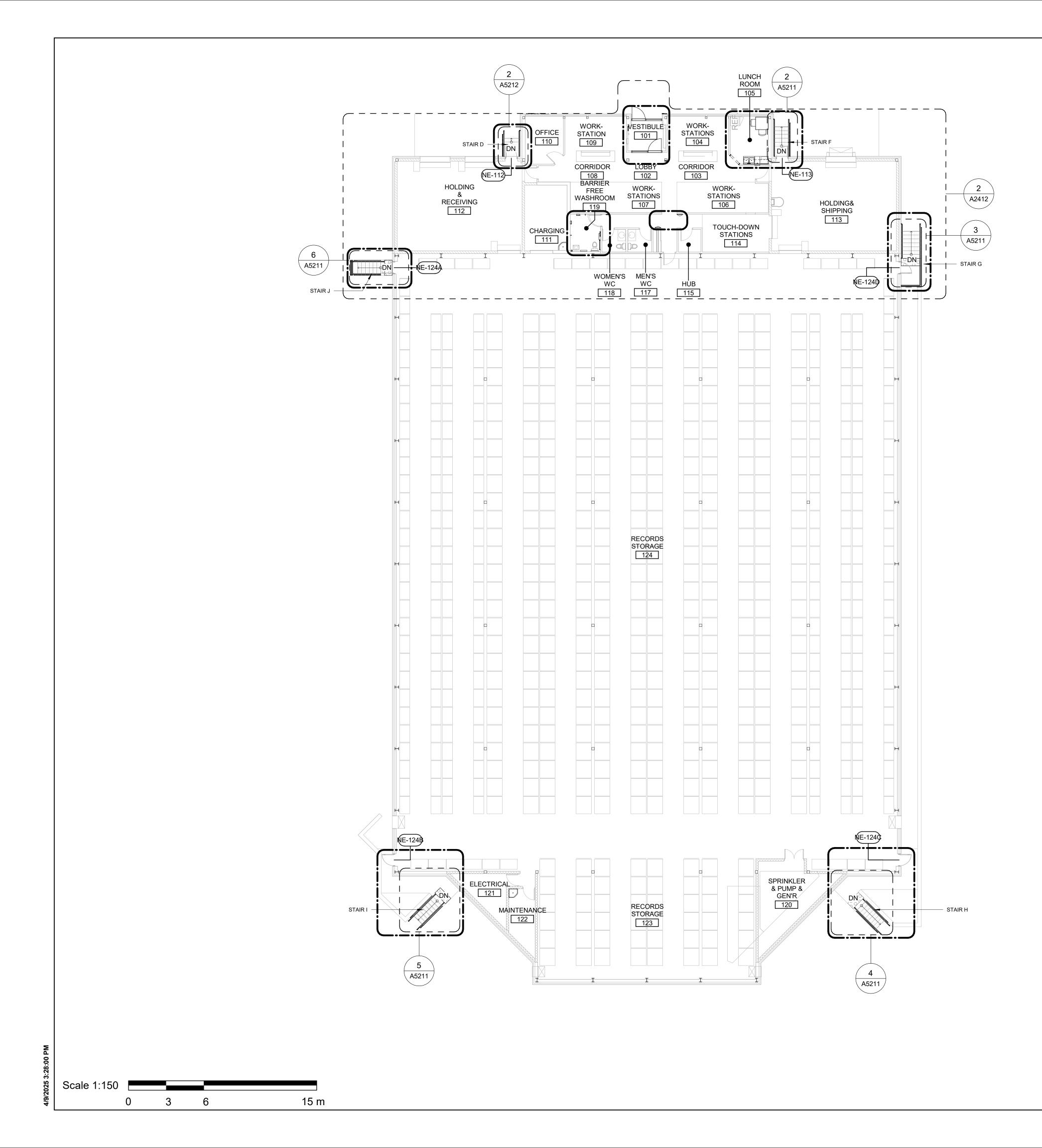
		CLIENT
	DEMOLITION KEY LEGEND	
	EXISTING TO BE DEMOLISHED	III IORONTO
	EXISTING INTERIOR PARTITION	Corporate Real Estate Management Project Management Office
	EXISTING EXTERIOR WALL	Metro Hall Toronto, ON M5V 3C6
	TO REMAIN EXISTING PARTITION TO REMAIN	COPYRIGHT This drawing has been prepared solely for the intended use, thus any reproduction or distribution for any purpose other than authorized by 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.
	EXISTING DOOR, FRAME, AND ASSOCIATED HARDWARE TO BE REMOVED	Arcadis Professional Services (Canada) Inc.
- el		ISSUES No. DESCRIPTION DATE
	EXISTING DOOR TO REMAIN	A 50% SUBMISSION 2021-11-19 B 90% SUBMISSION 2022-02-22 C ISSUED FOR DEPMIT 2022-03-18
		CISSUED FOR PERMIT2022-03-18DISSUED FOR TENDER2025-04-11
	DASHED AREA INDICATES AREA OF WORK	
	DEMOLITION GENERAL NOTES IREMOVE ALL EXISTING TACTILE SURFACE INDICATORS	
	(WALKING ATTENTION INDICATOR, TEXTURAL WARNING STRIP, NOSING STRIP AND HAZARD STRIP ON HANDRAIL)	
	INCLUDING ADHESIVE MATERIAL AND FASTENING SYSTEM. MAKE GOOD SURFACE TO RECEIVE NEW TACTILE SURFACE INDICATORS IN LOCATIONS SHOWN. INCREASE DEPTH AND	
	EXTENT OF EXISTING FLOOR DEPRESSIONS AND/OR CUT BACK EXISTING FLOOR FINISH AS APPLICABLE TO SUIT THE	
T		
	DEMOLITION KEY NOTES NO DESCRIPTION	
	INO Description 11 REMOVE EXISTING GUARDRAIL, HANDRAIL AND/OR HANDRAIL POST BASE. REPAIR AND MAKE GOOD ALL SURFACES.	
		CONSULTANTS
		SEAL
		PRIME CONSULTANT
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		PROJECT TITLE CITY OF TORONTO
		ACCESSIBILITY UPGRADES
		PROJECT ADDRESS CITY CLERK'S RECORD
		CENTER
		14 DYAS RD.
		PROJECT NO: 9119-19-0162 / Arcadis 30279056
		DRAWN BY: CHECKED BY: A. KVASNIUK L. BANDIERA
		A. RVASNORL. BANDIERAPROJECT MGR:APPROVED BY:F. BOLOURIANE. FENUTA
		SHEET TITLE
		FIRST FLOOR DEMOLITION PLAN
	True North Project North	SHEET NUMBER ISSUE
		G05-048-A2011 D
		.



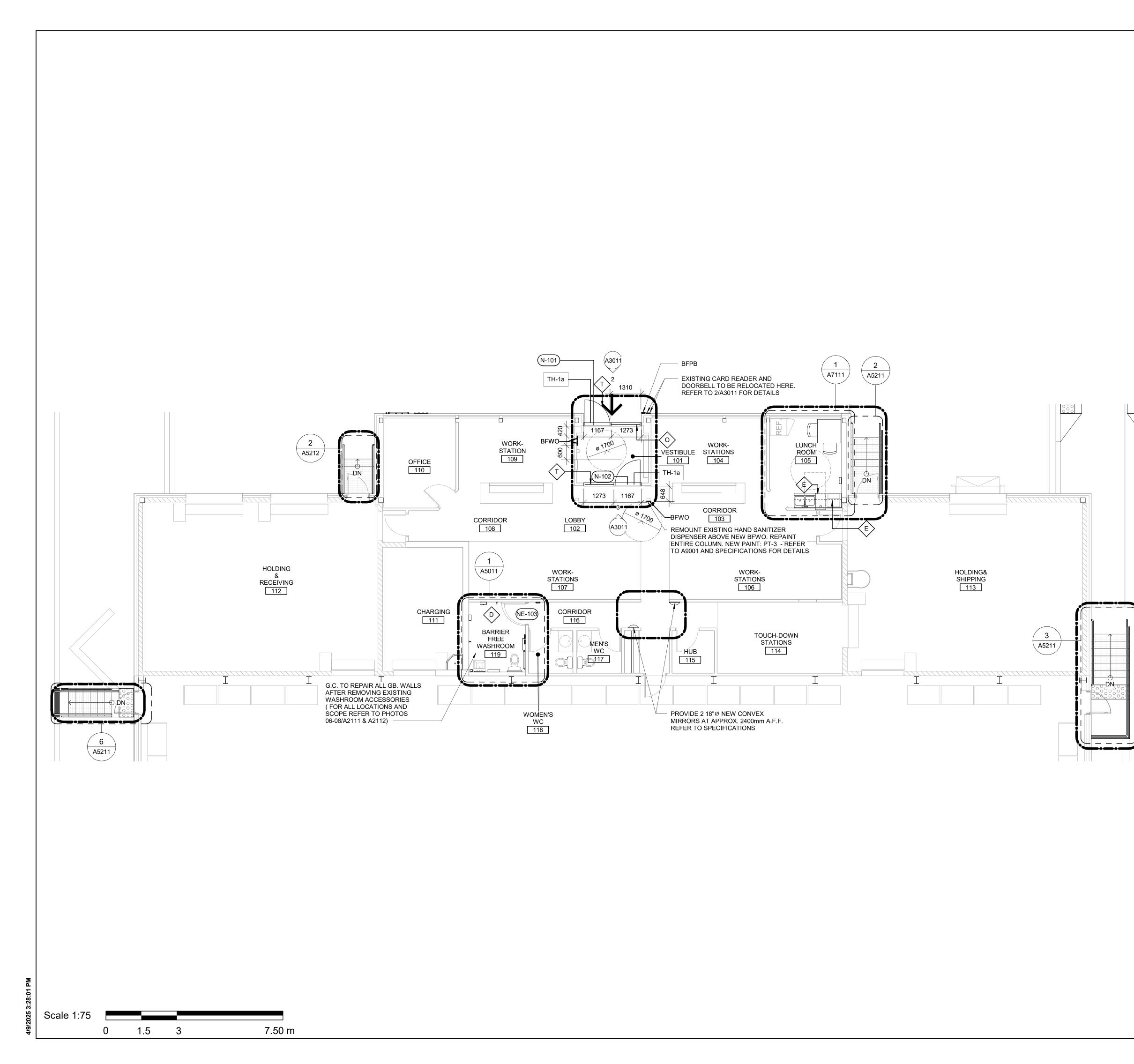
		CLIENT
	DEMOLITION KEY LEGEND	CITY OF TORONTO
	EXISTING TO BE DEMOLISHED	
	- $ -$ EXISTING TO BE DEMOLISHED - $ -$ EXISTING INTERIOR PARTITION	Corporate Real Estate Management
	TO BE DEMOLISHED	Project Management Office Metro Hall Toronto, ON
	EXISTING EXTERIOR WALL TO REMAIN	M5V 3C6 COPYRIGHT This drawing has been prepared solely for the intended use, thus any reproduction
	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 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.
	EXISTING DOOR, FRAME,	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.
	III \ HARDWARE TO BE REMOVED	Arcadis Professional Services (Canada) Inc.
		No.DESCRIPTIONDATEA50% SUBMISSION2021-11-19
	EXISTING DOOR TO REMAIN	B 90% SUBMISSION 2022-02-22 C ISSUED FOR PERMIT 2022-03-18
		D ISSUED FOR TENDER 2025-04-11
	BEMOLITION GENERAL NOTES REMOVE ALL EXISTING TACTILE SURFACE INDICATORS	
	(WALKING ATTENTION INDICATOR, TEXTURAL WARNING STRIP, NOSING STRIP AND HAZARD STRIP ON HANDRAIL) INCLUDING ADHESIVE MATERIAL AND FASTENING SYSTEM.	
	MAKE GOOD SURFACE TO RECEIVE NEW TACTILE SURFACE INDICATORS IN LOCATIONS SHOWN. INCREASE DEPTH AND	
	EXTENT OF EXISTING FLOOR DEPRESSIONS AND/OR CUT BACK EXISTING FLOOR FINISH AS APPLICABLE TO SUIT THE NEW INSTALLATION.	
	DEMOLITION KEY NOTES	
	NO DESCRIPTION 5 REMOVE EXISTING DOOR AND FRAME. CUT PARTITION TO	
	ACCOMMODATE NEW DOOR AND FRAME. REPAIR ADJACENT AFFECTED WALL SURFACES. REFER TO DETAIL D1002 AND	
	1/D2300. 6 REMOVE EXISTING PLUMBING FIXTURES AND WASHROOM	
	ACCESSORIES, CAP PLUMBING PIPES. 7 REMOVE EXISTING MILLWORK. 11 REMOVE EXISTING GUARDRAIL HANDRAIL AND/OR HANDRAIL	
	 11 REMOVE EXISTING GUARDRAIL, HANDRAIL AND/OR HANDRAIL POST BASE. REPAIR AND MAKE GOOD ALL SURFACES. 28 REMOVE EXISTING WASHROOM ACCESSORIES AND 	
	PREPARE WALL SURFACE FOR NEW ACCESSORIES. PATCH, REPAIR AND MAKE GOOD EXISTING WALL AND WALL	
	FINISHES. 31 REMOVE EXISTING DOOR, WINDOW AND FRAME TO	CONSULTANTS
	ACCOMMODATE NEW.	
		SEAL
STAIR G		
		PRIME CONSULTANT
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		Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com
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		CITY OF TORONTO ACCESSIBILITY UPGRADES
		PROJECT ADDRESS
		CITY CLERK'S RECORD
		CENTER 14 DYAS RD.
		PROJECT NO: 9119-19-0162 / Arcadis 30279056
		DRAWN BY: CHECKED BY: A. KVASNIUK L. BANDIERA
		PROJECT MGR: APPROVED BY: F. BOLOURIAN E. FENUTA
		SHEET TITLE
		ENLARGED FIRST FLOOR DEMOLITION PLAN
	True North Project North	SHEET NUMBER ISSUE
		G05-048-A2012 D



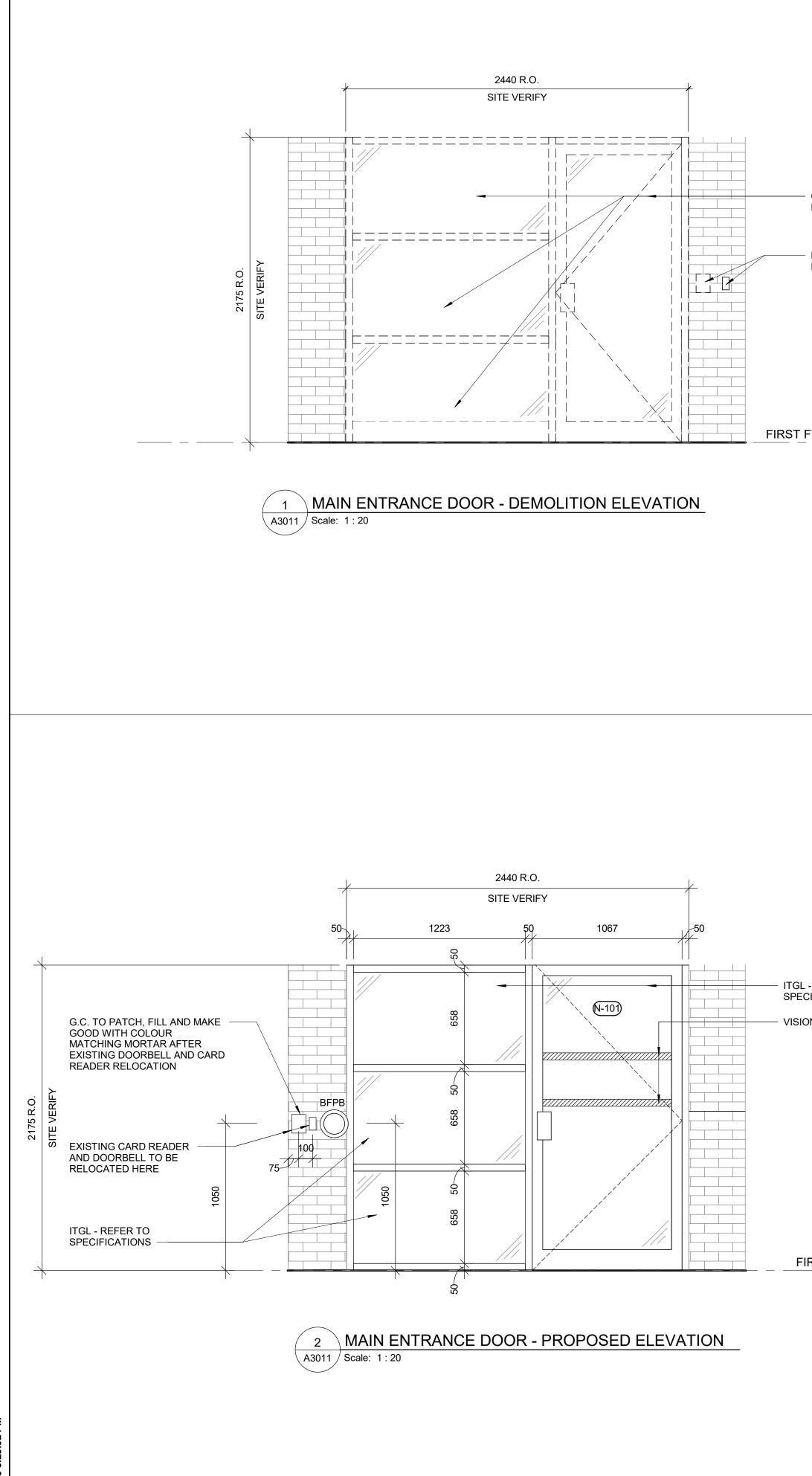
	CLIENT
CONSTRUCTION STAGING LEGEND	
STAGE 1	Corporate Real Estate Management Project Management Office
STAGE 2	Metro Hall Toronto, ON M5V 3C6
STAGE 3	COPYRIGHT This drawing has been prepared solely for the intended use, thus any reproduction or distribution for any purpose other than authorized by Arcadis 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
STAGE 4	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.
STAGE 5	ISSUES No. DESCRIPTION DATE
	A 50% SUBMISSION 2021-11-19 B 90% SUBMISSION 2022-02-22 C ISSUED FOR PERMIT 2022-03-18
EMERGENCY EXIT	D ISSUED FOR TENDER 2025-04-11
STAGING GENERAL NOTES	
1 EXISTING FACILITY WILL REMAIN OPERATIONAL DURING CONSTRUCTION. CONSTRUCTION WORKS CANNOT IMPACT FACILITY OPERATION WITHOUT FIRST NOTIFYING AND CONSULTING WITH THE OWNER.	
 ALL STAGES ARE TO BE COMPLETED IN SEQUENTIAL ORDER. IF AN EXIT WILL BE BLOCKED DUE TO CONSTRUCTION, THE GC IS TO PROVIDE A TEMPORARY EXIT LOCATION THAT IS 	
APPROVED BY THE ARCHITECT AND THE FIRE DEPARTMENT. SHOULD THE WORK BE ABLE TO BE COMPLETED OVER THE COURSE OF A WEEKEND OR AFTER HOURS, THE GC IS TO OBTAIN APPROVAL FROM THE ARCHITECT PRIOR	
TO PROCEEDING WITH THE WORK.4IF EXISTING FIRE ALARM SYSTEM NEEDS TO BE	
TEMPORARILY INTERRUPTED TO COMPLETE THE WORK, AFULL TIME FIRE WATCH SHALL BE PROVIDED.555556677888999 </th <th></th>	
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 WORKS. 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 FOR ALL OTHER REQUIREMENTS - REFER TO SPECIFICATIONS. 10 KEEP EXITS CLEAR FROM OBSTRUCTIONS DURING	
	SEAL
	PRIME CONSULTANT PRIME CONSULTANT PRIME CONSULTANT A CO
	PROJECT TITLE CITY OF TORONTO ACCESSIBILITY UPGRADES
	PROJECT ADDRESS CITY CLERK'S RECORD CENTER 14 DYAS RD.
	PROJECT NO:9119-19-0162 / Arcadis 30279056DRAWN BY:CHECKED BY:A. KVASNIUKL. BANDIERAPROJECT MGR:APPROVED BY:F. BOLOURIANE. FENUTASHEET TITLEFIRST FLOOR STAGING
True North Project North	PLAN SHEET NUMBER G05-048-A2111 D



CONSTRU	ICTION KEY LEGEND			
	EXISTING EXTERIOR WALL TC REMAIN)	Corporate Real Estate Ma	nagement
	EXISTING PARTITION TO REM	AIN	Project Management Metro Hall Toronto,	Office
	NEW EXTERIOR WALL REFER TO WALL SCHEDULE		M5V 3C6 COPYRIGHT This drawing has been prepared solely for the intended us	a thus any conceluction
	NEW PARTITION REFER TO PARTITION SCHED	ULE	or distribution for any purpose other than authorized by Written dimensions shall have precedence over scaled d shall verify and be responsible for all dimensions and co Arcadis shall be informed of any variations from the dim	/ Arcadis is forbidden. imensions. Contractors nditions on the job, and ensions and conditions
			shown on the drawing. Shop drawings shall be submitte conformance before proceeding with fab	rication.
	EXISTING DOOR TO REMAIN		ISSUES No. DESCRIPTION	DATE
			A 50% SUBMISSION B 90% SUBMISSION	2021-11-19
(###)	NEW DOOR AND/ OR NEW HARDWARE		C ISSUED FOR PERMIT D ISSUED FOR TENDER	2022-03-18 2025-04-1
	DASHED AREA INDICATES AREA OF WORK			
	TION GENERAL NOTE			
BUTTON - RE LOCATION AN	CARD READER AND BARRIER FREE FER TO ELECTRICAL DRAWINGS. F ND HEIGHT INSTALLATION REFER T IRAL DETAIL BOOKLET.	FOR		
2 REPAINT ENT REPLACEMEN	TIRE WALL AFTER WALL-MOUNTED NT – UNLESS OTHERWISE NOTED.			
FINISH TO MA	ATCH EXISTING			
			CONSULTANTS	
			SEAL	
				DIS
			100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada	
			100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com	
			100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com PROJECT TITLE CITY OF TORO	NTO
			100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com	NTO
			PROJECT ADDRESS	NTO GRADES
			100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com PROJECT TITLE CITY OF TOROI ACCESSIBILITY UPO	NTO GRADES
			IOO - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com PROJECT TITLE CITY OF TOROI ACCESSIBILITY UPO PROJECT ADDRESS CITY CLERK'S RE CENTER	NTO GRADES
			IOO - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com PROJECT TITLE CITY OF TOROI ACCESSIBILITY UPO PROJECT ADDRESS CITY CLERK'S RE CENTER 14 DYAS RD. PROJECT NO: 9119-19-0162 / Arcadis 3027905 DRAWN BY: CHECKE	NTO GRADES CORD
			Image: Constraint of the second state of the second sta	NTO GRADES CORD
			IOO - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com PROJECT TITLE CITY OF TOROI ACCESSIBILITY UPO PROJECT ADDRESS CITY CLERK'S RE CENTER 14 DYAS RD. PROJECT NO: 9119-19-0162 / Arcadis 3027905 DRAWN BY: A. KVASNIUK PROJECT MGR: PROJECT MGR: BOLOURIAN E. FENU	NTO GRADES CORD
			PROJECT NO: 9119-19-0162 / Arcadis 3027905 PROJECT NGR: PROJECT NGR: PROJECT NGR: PROJECT NGR: A KVASNIUK PROJECT MGR: A ROPROV	NTO GRADES CORD
			IOO - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com PROJECT TITLE CITY OF TOROI ACCESSIBILITY UPO PROJECT ADDRESS CITY CLERK'S RE CENTER 14 DYAS RD. PROJECT NO: 9119-19-0162 / Arcadis 3027905 DRAWN BY: A. KVASNIUK PROJECT MGR: FIRST FLOOI	NTO GRADES CORD



CONSTRUCTION KEY LEGEND	CLIENT CITY OF TORONTO
EXISTING EXTERIOR WALL TO REMAIN EXISTING PARTITION TO REMAIN	Corporate Real Estate Management Project Management Office Metro Hall Toronto, ON
NEW EXTERIOR WALL REFER TO WALL SCHEDULE	M5V 3C6 COPYRIGHT
NEW PARTITION REFER TO PARTITION SCHEDULE	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.
EXISTING DOOR TO REMAIN	Arcadis Professional Services (Canada) Inc. ISSUES No. DESCRIPTION DATE
### NEW DOOR AND/ OR ### NEW HARDWARE	A 50% SUBMISSION 2021-11-19 B 90% SUBMISSION 2022-02-22 C ISSUED FOR PERMIT 2022-03-18 D ISSUED FOR TENDER 2025-04-11
DASHED AREA INDICATES AREA OF WORK	
CONSTRUCTION GENERAL NOTES	
1 NEW DOOR CARD READER AND BARRIER FREE PUSH BUTTON - REFER TO ELECTRICAL DRAWINGS. FOR LOCATION AND HEIGHT INSTALLATION REFER TO ARCHITECTURAL DETAIL BOOKLET. 2 REPAINT ENTIRE WALL AFTER WALL-MOUNTED HANDRAIL REPLACEMENT – UNLESS OTHERWISE NOTED. COLOUR AND FINISH TO MATCH EXISTING	
NODESCRIPTIONDINSTALL NEW WASHROOM ACCESSORIES - REFER TO DETAILS 1/D1201, 2/D1201, 3/D1201, 4/D1201, 5/D1201.ECONSTRUCT 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. O INSTALL NEW CURTAIN WALL FRAMING TO MATCH EXISTING, WITH NEW DOOR PER SPECIFIED WIDTH AND HEIGHT. REFER TO DOOR SCHEDULE A9001 AND DOOR HARDWARE 	
SCHEDULE IN THE SPECIFICATIONS. T INSTALL NEW STOREFRONT FRAMING TO MATCH EXISTING WITH NEW DOOR PER SPECIFIED WIDTH AND HEIGHT. REFER 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 CITY CLERK'S RECORD CENTER 14 DYAS RD.
	PROJECT NO: 9119-19-0162 / Arcadis 30279056
	DRAWN BY: CHECKED BY: A. KVASNIUK L. BANDIERA
	PROJECT MGR: APPROVED BY: F. BOLOURIAN E. FENUTA SHEET TITLE
	ENLARGED FIRST FLOOR PROPOSED PLAN
True North Project North	SHEET NUMBER ISSUE
	G05-048-A2412 D



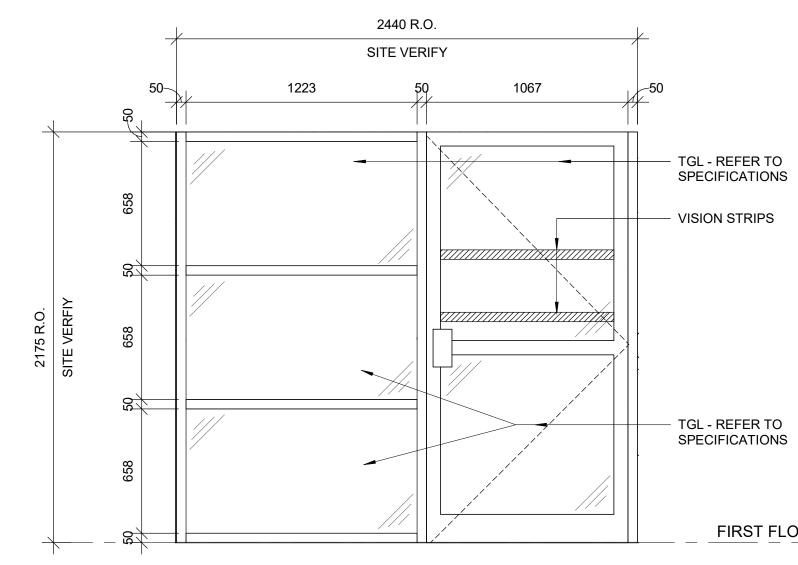
- G.C. TO REMOVE EXISTING DOOR, FRAME AND GLAZING

- EXISTING CARD READER AND DOORBELL TO BE RELOCATED

FIRST FLOOR (1.31 m

 ITGL - REFER TO SPECIFICATIONS - VISION STRIPS

FIRST FLOOR (1.31 m



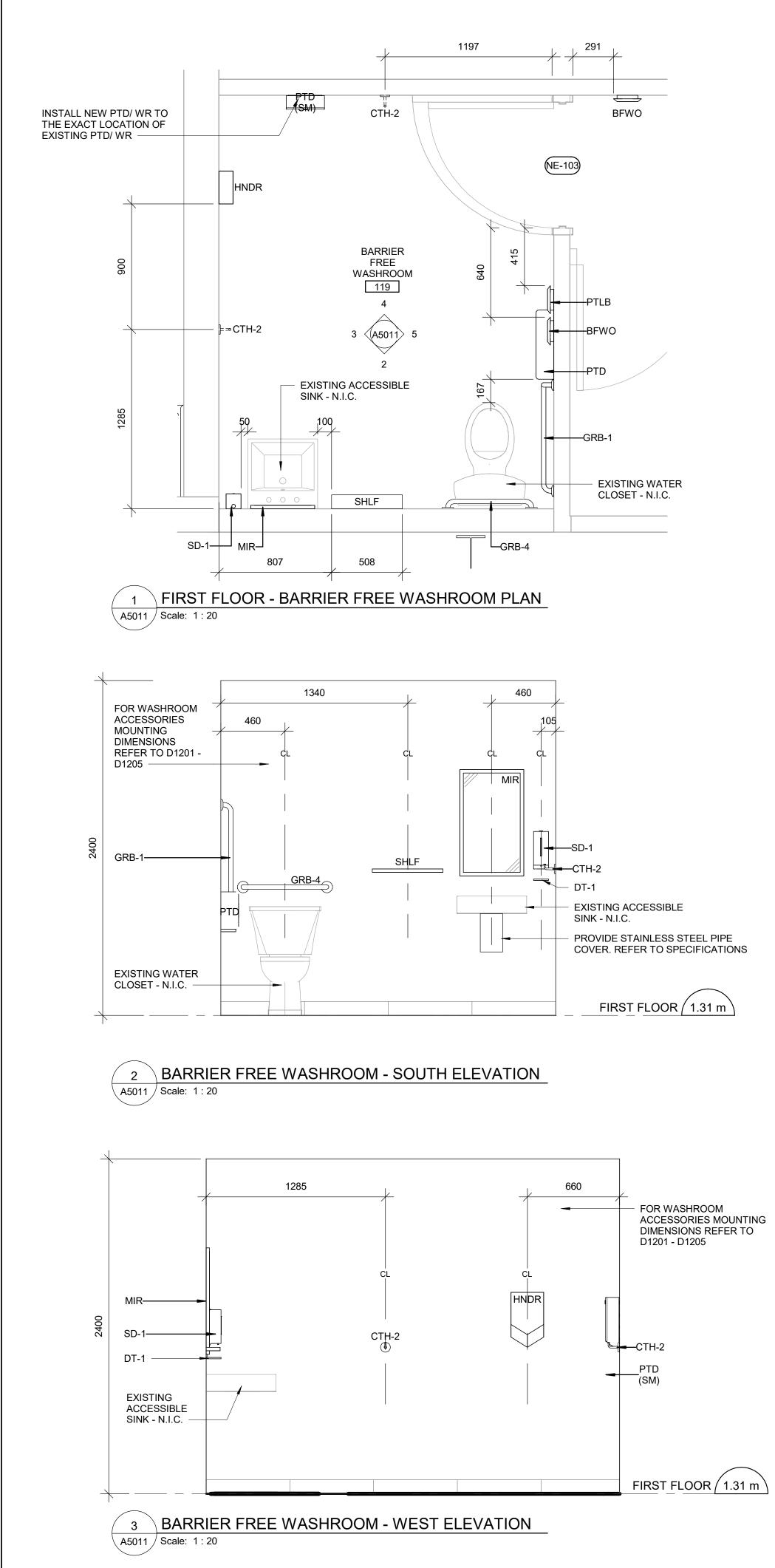


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shown on the drawing. Shop drawings shall be submitted to Arcad conformance before proceeding with fabrication.	-
ISSUES No. DESCRIPTION A 50% SUBMISSION 22	DATE 2021-11-19
B90% SUBMISSION2CISSUED FOR PERMIT2	2022-02-22 2022-03-18
D ISSUED FOR TENDER 2	2025-04-11
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PROJECT ADDRESS	
CITY CLERK'S RECO CENTER	RD
14 DYAS RD.	
PROJECT NO: 9119-19-0162 / Arcadis 30279056	
DRAWN BY:CHECKED BYA. KVASNIUKL. BANDIERA	
PROJECT MGR: APPROVED B F. BOLOURIAN E. FENUTA	Y:
SHEET TITLE ENLARGED ELEVATIO	DNS
SHEET NUMBER	ISSUE
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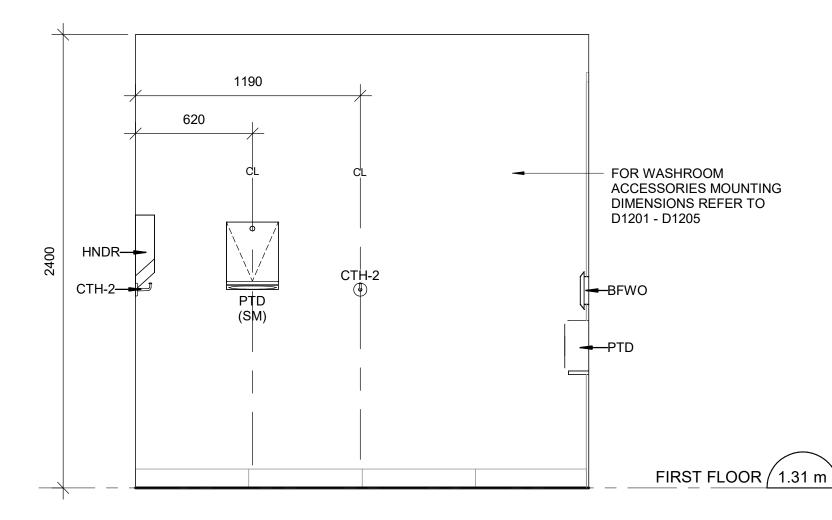
- VISION STRIPS

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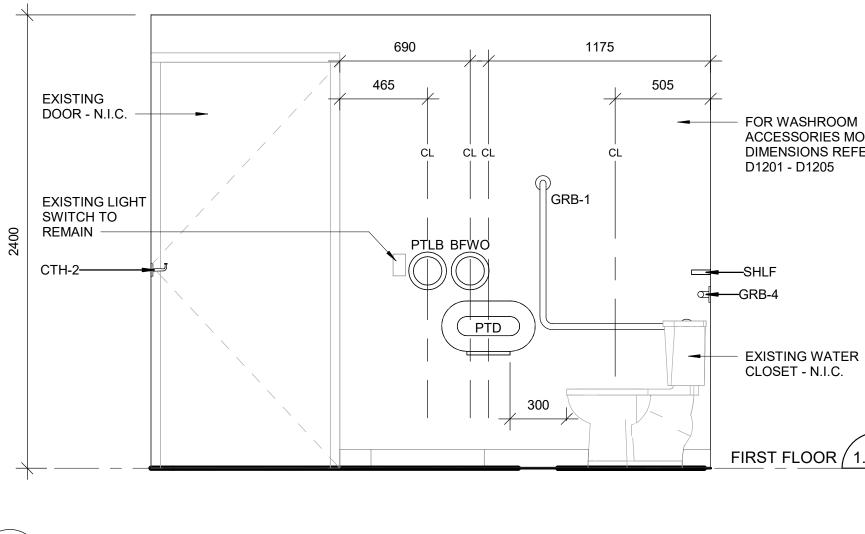




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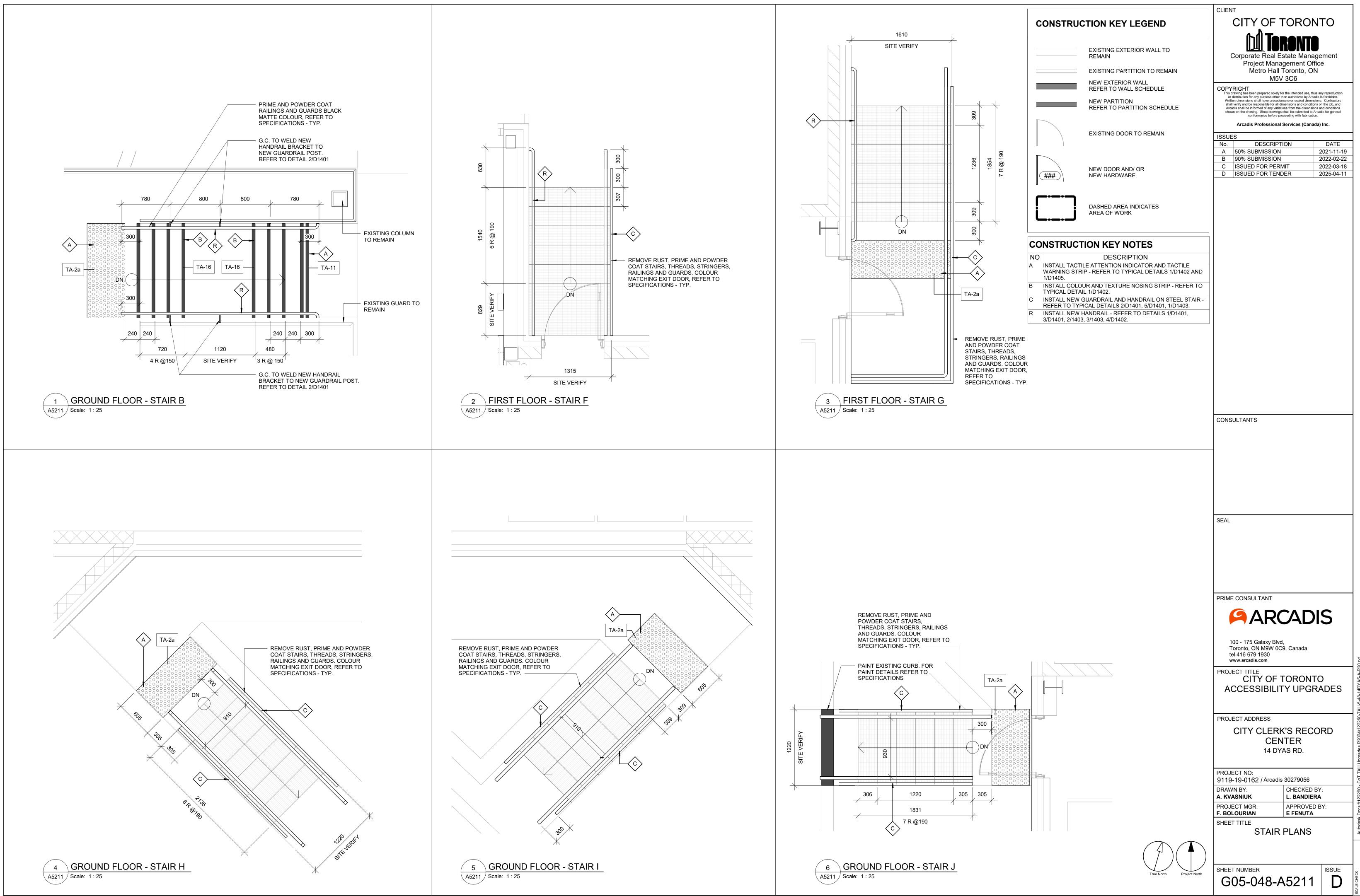


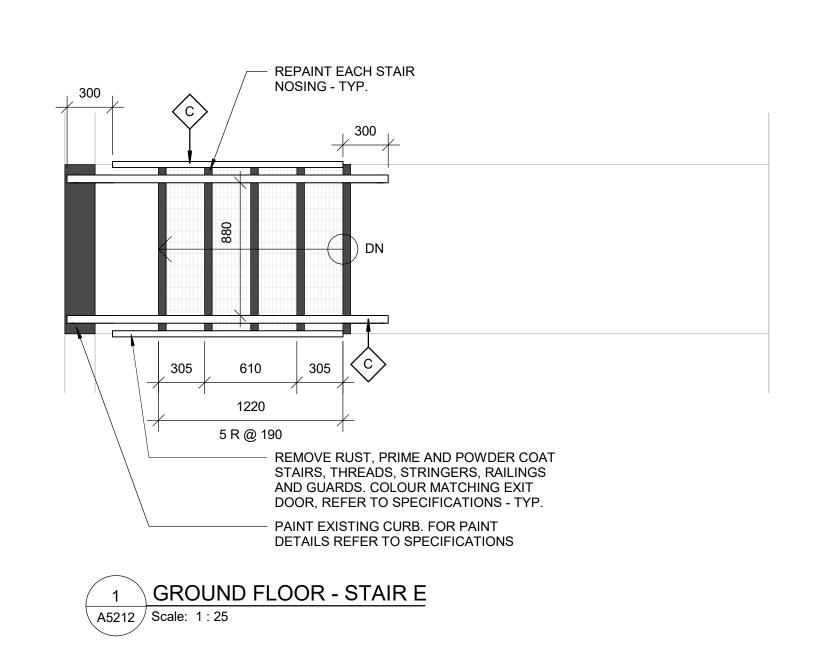
4 BARRIER FREE WASHROOM - NORTH ELEVATION A5011 Scale: 1:20

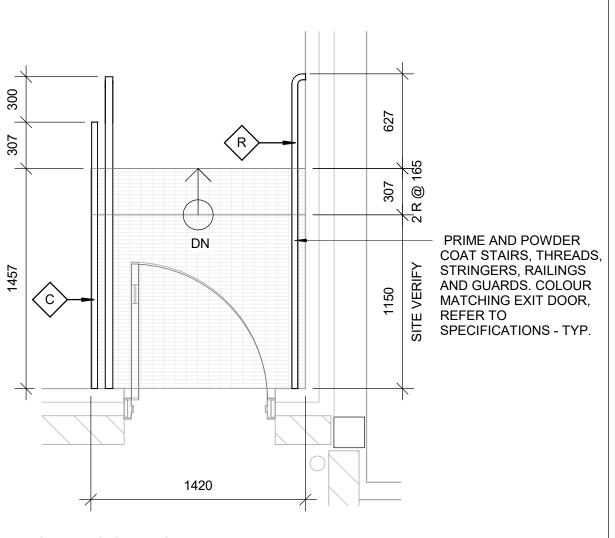




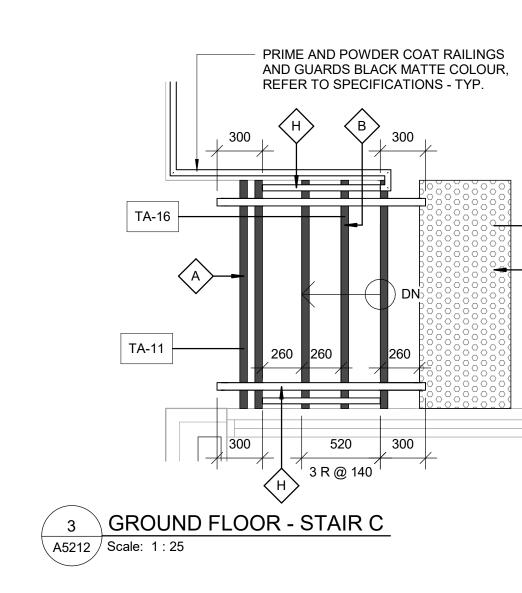
				CLIENT				
V	NASH	ROOM GENERAL NOTE	S	CITY OF TOR	ONTO			
1		EXISTING SOAP DISPENSERS AND M						
2	LOV	WERED. REFER TO 2/D1201, 4/D1201. WASHROOM ACCESSORIES TO BE IN						
2	SPE	ECIFIED WALL FINISH HAS BEEN APPL	IED. NEW SOAP	Corporate Real Estate M Project Managemen	anagement			
	REF	LLECTORS TO BE ADDED TO ALL SOA FER TO 2/D1201.		Metro Hall Toronto	, ON			
3		ISTURE RESISTANT GYPSUM BOARD	TO BE PROVIDED IN	M5V 3C6				
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				Written dimensions shall have precedence over scaled shall verify and be responsible for all dimensions and Arcadis shall be informed of any variations from the c	d dimensions. Contractors conditions on the job, and limensions and conditions			
				shown on the drawing. Shop drawings shall be subm conformance before proceeding with t				
				Arcadis Professional Services	Canada) Inc.			
				ISSUES No. DESCRIPTION	DATE			
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				B 90% SUBMISSION C ISSUED FOR PERMIT	2022-02-22 2022-03-18			
				D ISSUED FOR TENDER	2025-04-11			
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				SEAL				
				PRIME CONSULTANT				
				ARCA	DIS			
				100 - 175 Galaxy Blvd,				
				Toronto, ON M9W 0C9, Canac tel 416 679 1930	a			
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				CITY CLERK'S RI CENTER 14 DYAS RD PROJECT NO: 9119-19-0162 / Arcadis 302790 DRAWN BY: A. KVASNIUK PROJECT MGR: F. BOLOURIAN E. FEN				
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				CITY CLERK'S RI CENTER 14 DYAS RD PROJECT NO: 9119-19-0162 / Arcadis 302790 DRAWN BY: A. KVASNIUK PROJECT MGR: F. BOLOURIAN SHEET TITLE BARRIER FR WASHROOM F	56 (ED BY: IDIERA DVED BY: IUTA EE PLAN/			
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			True North Project North	CITY CLERK'S RI CENTER 14 DYAS RD PROJECT NO: 9119-19-0162 / Arcadis 302790 DRAWN BY: A. KVASNIUK PROJECT MGR: F. BOLOURIAN SHEET TITLE BARRIER FR WASHROOM F ELEVATION	56 (ED BY: IDIERA DVED BY: IUTA EE PLAN/ IS			







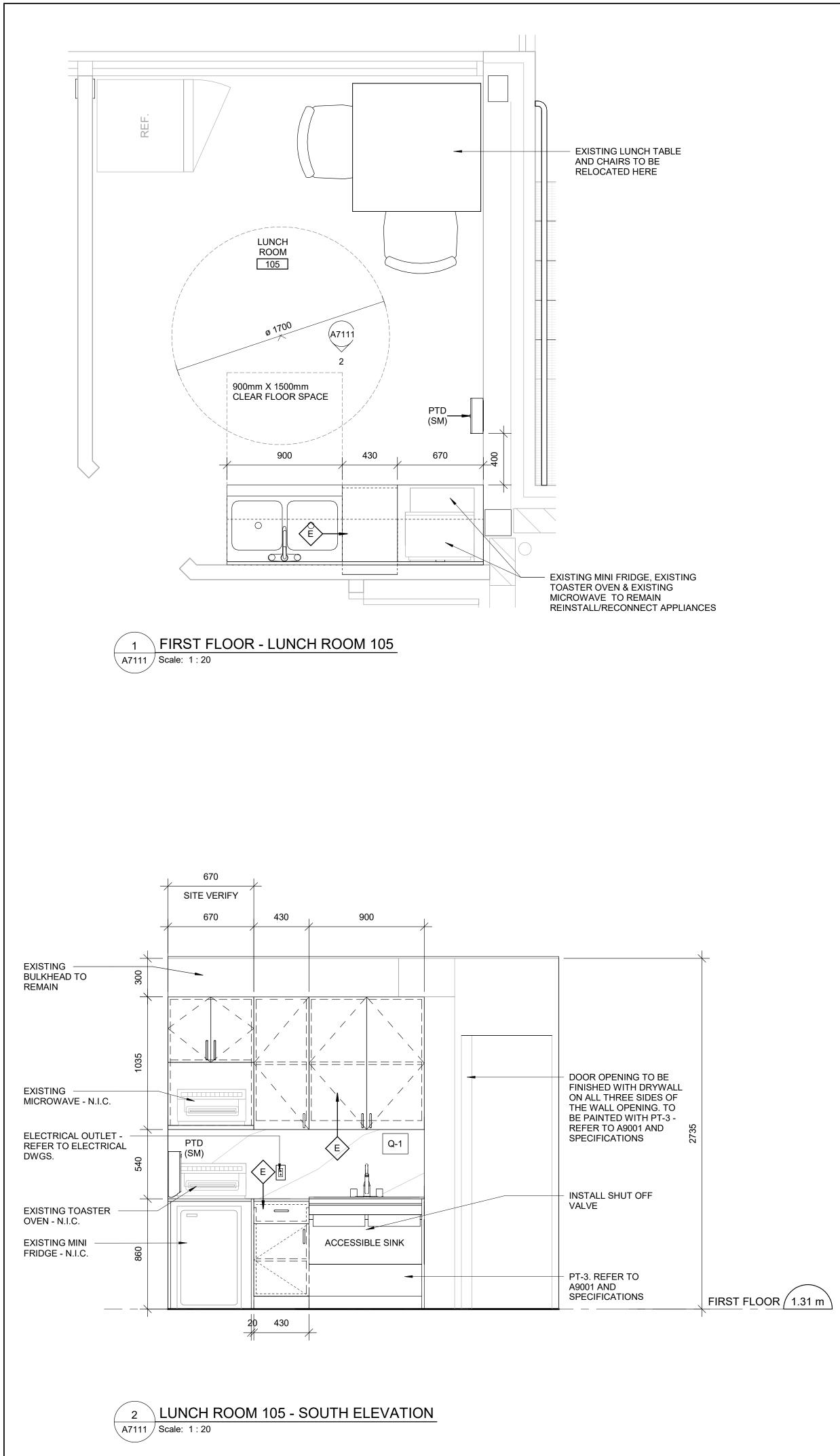




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		CLIENT
CONSTRU	CTION KEY LEGEND	
	EXISTING EXTERIOR WALL TO REMAIN	Corporate Real Estate Management Project Management Office
	EXISTING PARTITION TO REMAIN	Metro Hall Toronto, ON M5V 3C6
	REFER TO WALL SCHEDULE	COPYRIGHT This drawing has been prepared 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
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	EXISTING DOOR TO REMAIN	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
(###)	NEW DOOR AND/ OR NEW HARDWARE	D ISSUED FOR TENDER 2025-04-11
	DASHED AREA INDICATES AREA OF WORK	
NO	DESCRIPTION	
WARNING STI 1/D1405.	TILE ATTENTION INDICATOR AND TACTILE RIP - REFER TO TYPICAL DETAILS 1/D1402 AND	
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REFER TO TY	PICAL DETAILS 2/D1401, 5/D1401, 1/D1403. GUARDRAIL AND HANDRAIL ON CONCRETE	· _
R INSTALL NEW	R TO TYPICAL DETAILS 2/D1402. / HANDRAIL - REFER TO DETAILS 1/D1401, 03, 3/1403, 4/D1402.	
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		PROJECT ADDRESS
		CITY CLERK'S RECORD
		CENTER 14 DYAS RD.
		PROJECT NO:
		9119-19-0162 / Arcadis 30279056 DRAWN BY: CHECKED BY:
		A. KVASNIUKL. BANDIERAPROJECT MGR:APPROVED BY:F. DOL OUDIANF. FONUTA
		F. BOLOURIAN E FENUTA SHEET TITLE
		STAIR PLANS
	True North Project North	SHEET NUMBER ISSUE



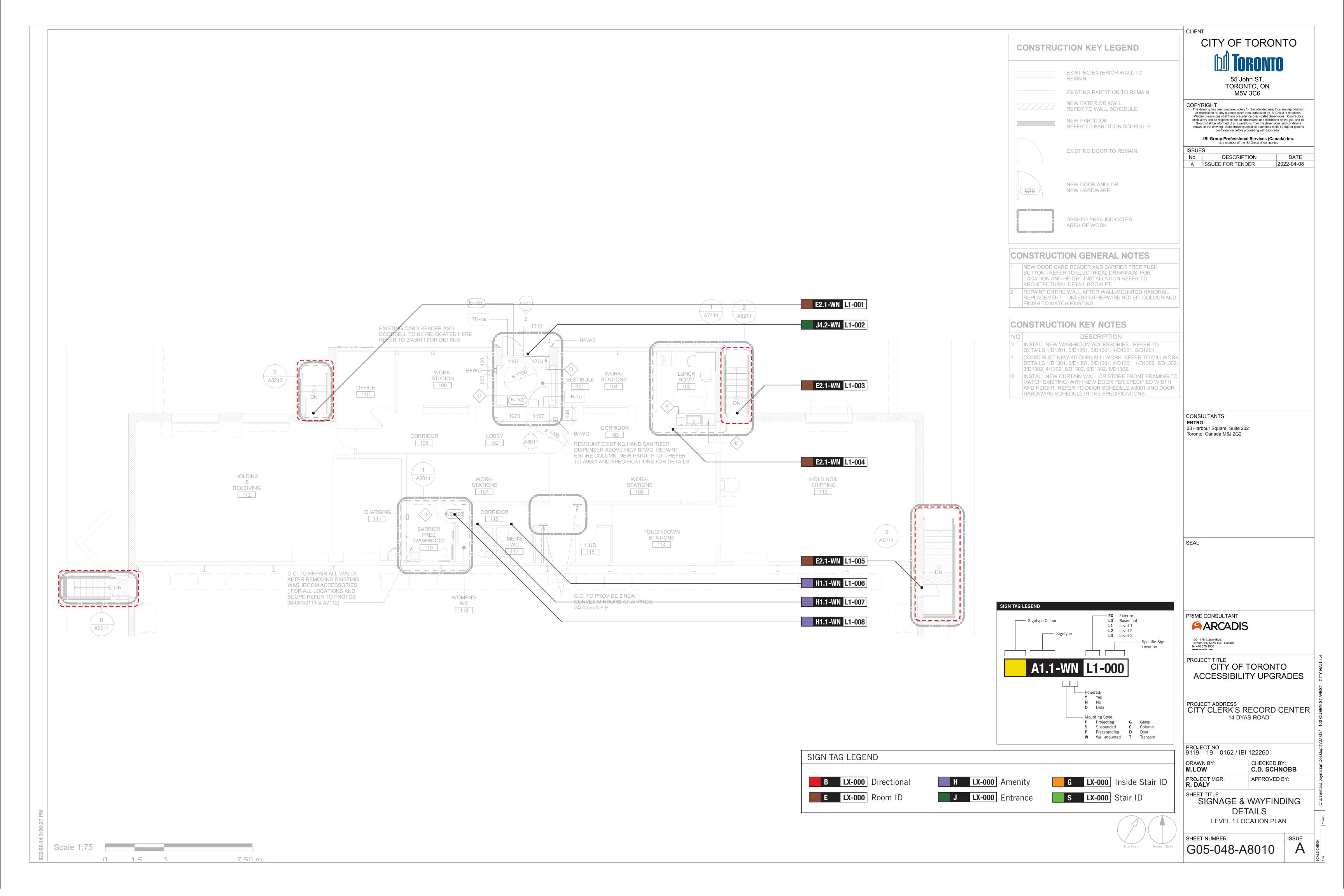
	CLIENT
KITCHEN GENERAL NOTES NO DESCRIPTION	
Image: Construction of the second state of	
2 REFER TO 1/D1301, 2/D1301, 2/D1302 & 6/D1302 FOR DETAILS OF CABINETRY WITH DRAWERS.	Project Management Office
3 REFER TO 8/D1302 FOR TYP. BUILT-UP NOSING DOOR COUNTER TOP DETAILS.	Metro Hall Toronto, ON M5V 3C6
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	Arcadis Professional Services (Canada) Inc.
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	PROJECT ADDRESS CITY CLERK'S RECORD
	14 DYAS RD.
	PROJECT NO: 9119-19-0162 / Arcadis 30279056
	DRAWN BY: CHECKED BY: 6000000000000000000000000000000000000
	A. KVASNIOKL. BANDIEKA21PROJECT MGR:APPROVED BY:33F. BOLOURIANE. FENUTA00
	SHEET TITLE
	PLANS/ ELEVATIONS
True North Project Nor	
	BREET NOMBER G05-048-A7111

							D	OOR SCHE	EDULE						
		DOOR				PANEL FRAME			DOOR HARDWARE						
DOOR NO.		TYPE	WIDTH	HEIGHT	THICKNESS	MAT.	FIN.	GLASS	MAT.	FIN.	SECURITY ACCESS CONTOL DEVICE	BFPB/ BFWO	PANIC DEVICE	FIRE RATING (MINUTES)	REMARKS
RST FLOO	R									I					
N-101	VESTIBULE	E	1167	2160	45	IALUMN	ANOD	ITGL	IALUMN	ANOD	*	*			
N-102	LOBBY	E	1167	2160	45	ALUMN	ANOD	TGL	ALUMN	ANOD		*			
NE-103	BARRIER FREE WASHROOM	EXIST	EXIST	EXIST	EXIST	EXIST	PT-3	EXIST	EXIST	PT-3		*			REPAINT EXISITNG DOOR AND FRAME - PT-3
NE-112	HOLDING & RECEIVING	EXIST	EXIST	EXIST	EXIST	EXIST	PT-3	EXIST	EXIST	PT-3					REPAINT EXISITNG DOOR AND FRAME - PT-3
NE-113	HOLDING& SHIPPING	EXIST	EXIST	EXIST	EXIST	EXIST	PT-3	EXIST	EXIST	PT-3					REPAINT EXISITNG DOOR AND FRAME - PT-3
E-124A	RECORDS STORAGE	EXIST	EXIST	EXIST	EXIST	EXIST	PT-3	EXIST	EXIST	PT-3					REPAINT EXISITNG DOOR AND FRAME - PT-3
E-124B	RECORDS STORAGE	EXIST	EXIST	EXIST	EXIST	EXIST	PT-3	EXIST	EXIST	PT-3					REPAINT EXISITNG DOOR AND FRAME - PT-3
E-124C	RECORDS STORAGE	EXIST	EXIST	EXIST	EXIST	EXIST	PT-3	EXIST	EXIST	PT-3					REPAINT EXISITNG DOOR AND FRAME - PT-3
IE-124D	RECORDS STORAGE	EXIST	EXIST	EXIST	EXIST	EXIST	PT-3	EXIST	EXIST	PT-3					REPAINT EXISITNG DOOR AND FRAME - PT-3

						ROC	M FINISH	SCHEDU	_E							
50014		FLO	OR	BA	SE										CEILING	
ROOM NUMBER	ROOM NAME	MAT.	FIN.	MAT.	FIN.	NO	RTH	EA	ST	SO	UTH	WE	EST	MAT.	FIN.	HEIGHT
NOMBER		IVIAT.	FIIN.	IVIAT.		MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	MAT.	FIN.		FIIN.	
FIRST FLOOR											•		•			
101	VESTIBULE	EXIST	EXIST	EXIST	EXIST	EXIST	PT-3	EXIST	EXIST	EXIST	PT-3	EXIST	EXIST	EXIST	EXIST	EXIST
102	LOBBY	EXIST	EXIST	EXIST	EXIST	EXIST	PT-3	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST
103	CORRIDOR	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST, GB	PT-3	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST
105	LUNCH ROOM	EXIST	EXIST	EXIST, RB-1	EXIST,PT-3	EXIST	EXIST	EXIST	PT-3	EXIST	PT-3, Q-1	EXIST	PT-3	EXIST	EXIST	EXIST
119	BARRIER FREE WASHROOM	EXIST	EXIST	EXIST	EXIST	EXIST	PT-3	EXIST	PT-3	EXIST	PT-3	EXIST	PT-3	EXIST	EXIST	EXIST

				ROOM FINIS	H KEY SCHEDULE		
ABBRV	MATERIAL	COLOUR	FINISH	SIZE	REF	SUPPLIER	NOTES
CWT-1	CERAMIC WALL TILE	ARCTIC WHITE	MATTE	100mm X 400mm (4"X16")	COLOUR AND DIMENSIONS SERIES	OLYMPIA TILE	
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 600 mm(12"X24")		D9/EMOTION	
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.
PFT-4	PORCELAIN FLOOR TILE	200	SMOOTH(V)	304.8mm X 609.6mm (12"X24")	CORE COLLECTION TERRA	MOSA TILE	WASHROOM FLOORS
PLAM-1	PLASTIC LAMINATE	ALABASTER D431	N/A	AS SPECIFIED IN DRAWINGS		WILSONART	CABINET MILWORKS UPPERS
PLAM-2	PLASTIC LAMINATE	SEA D90	N/A	AS SPECIFIED IN DRAWINGS		WILSONART NORTH	CABINET MILWORKS LOWERS
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
RB-1	RUBBER WALL BASE	MATCH EXISTING	MATCH EXISTING	4" HIGH		JOHNSONITE	

EXISTING DOOR HEIGHT AND IS TO BE SITE MEASURED. REFER TO ELECTRICAL DRAWINGS FOR DOOR CARD READER LOCATION ON EXISTING DOORS. REFER TO DOOR HARDWARE SCHEDULE AND TO THE SPECIFICATIONS FOR A COMPLETE SET OF DOOR HARDWARE. DOOR ABBREVIATIONS * DENOTES YES ALUM ANDD ANDDIZED BFAO BARRIER-FREE AUTOMATIC OPENER BFAO BFAO BARRIER-FREE PUSH BUTTON BFWO BFAO BARRIER-FREE PUSH BUTTON BFWO BFAO BARRIER-FREE PUSH BUTON BFWO BFAO BARRIER-FREE PUSH BUTON BFWO BFAB GORGIAN WIRE GLASS CR CARD READER CR CARD READER CR CARD READER GWB GYPSUM WALL BOARD GWB GYPSUM WALL BOARD GWB GYPSUM WALL BOARD GWWB GEORGIAN WIRE GLASS HM HOLLOW METAL MSS			CLIENT
		HEDULE GENERAL NOTES	CITY OF TORONTO
	3 REFER TO I	DOOR HARDWARE SCHEDULE AND TO THE	Project Management Office
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	BFPB	BARRIER-FREE PUSH BUTTON	
	CR	CARD READER	No. DESCRIPTION DATE
	FBM	FINGER BIOMETRIC	
	GWG HM	GEORGIAN WIRE GLASS	
	IHM ITGL	INSULATED TEMPERED (SAFETY) GLASS	
PLASTIC LAMINTE BS BIT BS B	OBM	OCULAR BIOMETRIC	
SAM SUMLAR SALESS STATES WOOD CONSULTANTS CONSULTANTS SEAL PRIME CONSULTANT CONSULTANTS SEAL PRIME CONSULTANT CONSULTANTS SEAL PRIME CONSULTANT CONSULTANT CONSULTANTS SEAL PRIME CONSULTANT CONSULTANT CONSULTANT CONSULTANT PRIME CONSULTANTS CONSULTANTS	PLAM	PLASTIC LAMINATE	
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L1	E2.1	L1	001	Room ID	Holding & Receivir Braille
	J4.2	L1	002	Accessible Entrance ID - Exterior	[accessible picto] Entrance Braille
	E2.1	L1	003	Room ID	Holding & Shipping Braille
	E2.1	L1	004	Room ID	Lunchroom Braille
	E2.1	L1	005	Room ID	Holding & Shipping Braille
	H1.1	L1	006	Amenity ID	[mens picto] Men Braille
	H1.1	L1	007	Amenity ID	[womens picto] Women Braille

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L1

H1.1

Amenity ID

SIDE A	SIDE B
MESSAGE (English)	MESSAGE (English)
Holding & Receiving Braille	
[accessible picto] Entrance Braille	
Holding & Shipping Braille	
Lunchroom Braille	
Holding & Shipping Braille	
[mens picto] Men Braille	
[womens picto] Women Braille	
[accessible universal washroom picto] Washroom Braille	

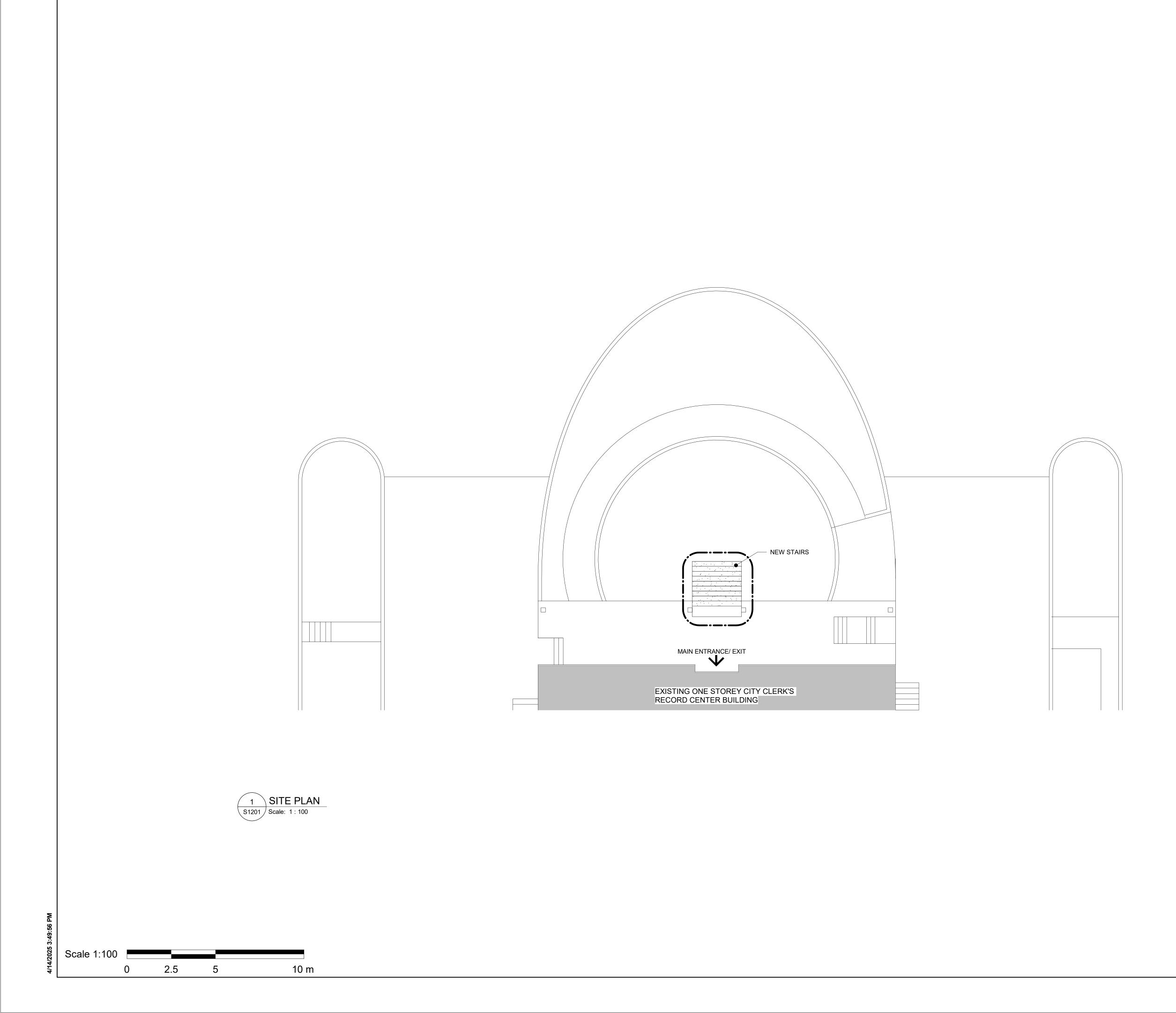


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B1.1	Directional	0
E2.1	Room ID	4
E2.2	Line Room ID	0
E4	Insert Holder	0
H1.1	Amenity ID	3
H2.1	Projecting Amenity ID	0
J4.2	Accessible Entrance ID - Exterior	1
S1.1	Stair ID - Inside Stairwell	0
S1.2	Stair ID - Corridor Side	0
S1.3	Stair ID - Roof Exit, Inside Stairwell	0
S1.4	Stair ID - Exterior Door	0
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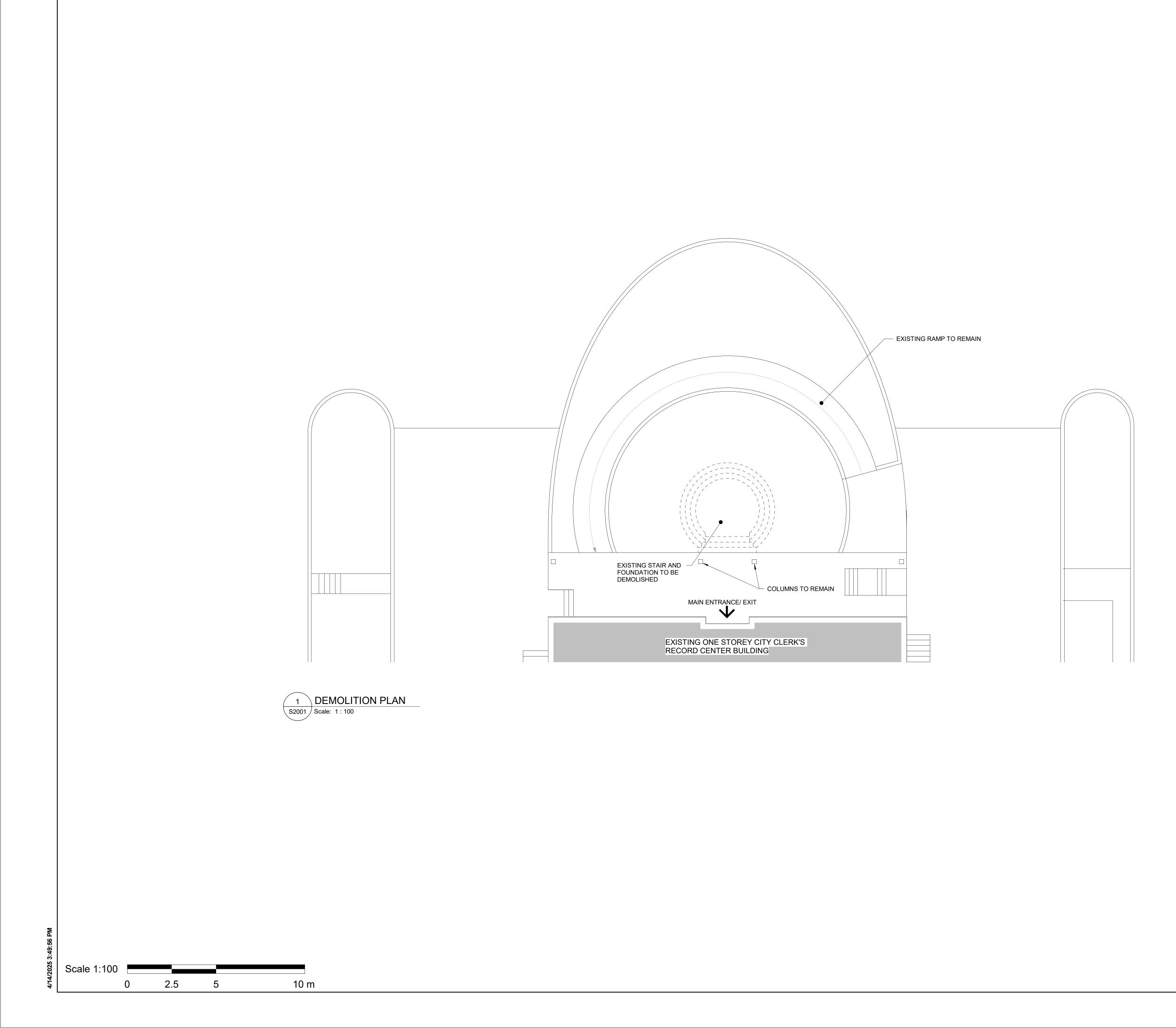
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S1201	SITE PLAN
S2001	DEMOLITION PLAN
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S5200	PLANS, SECTION - STAIRS

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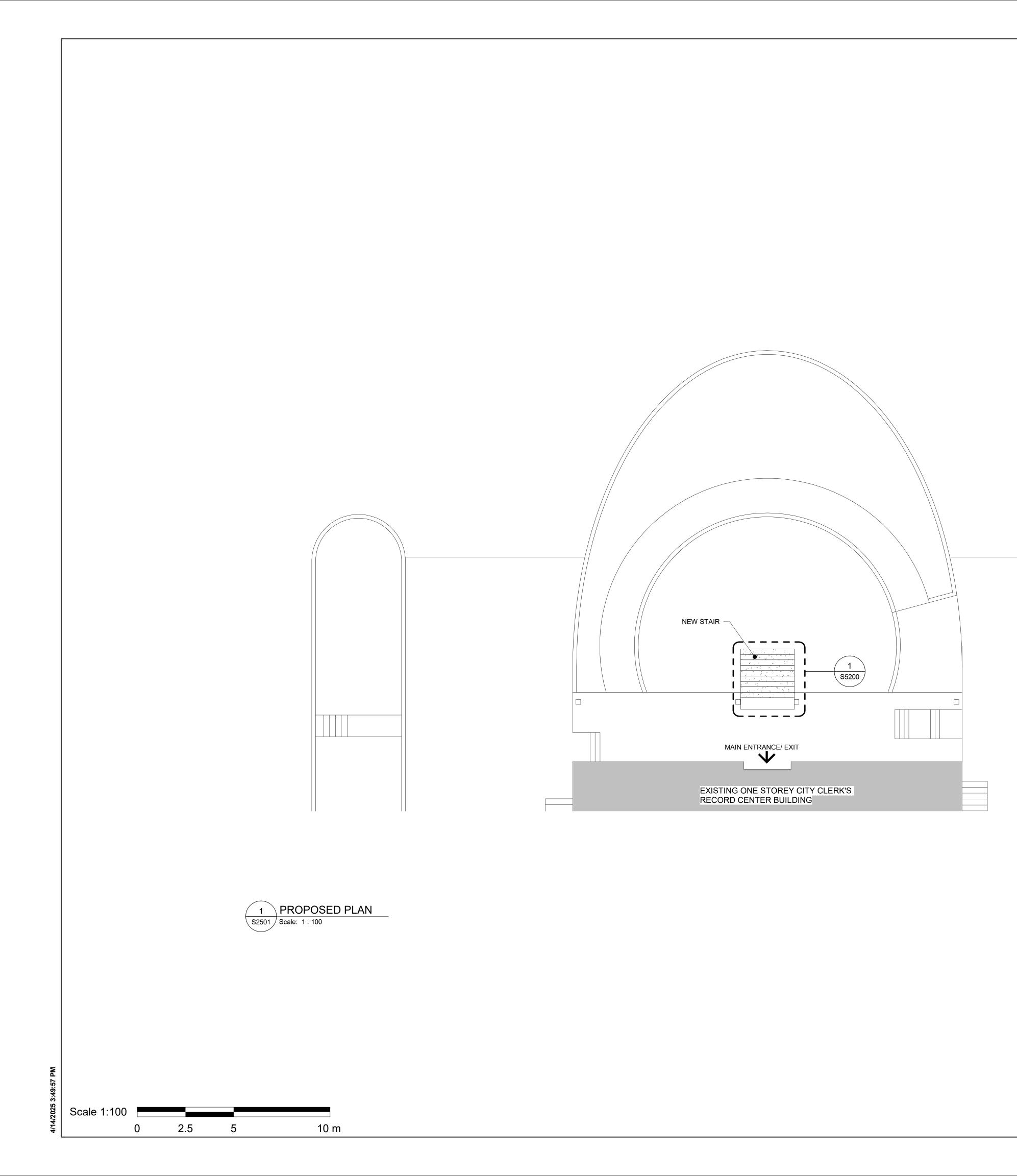


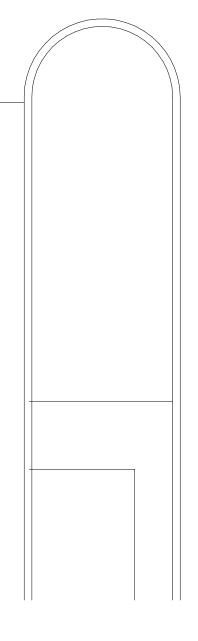
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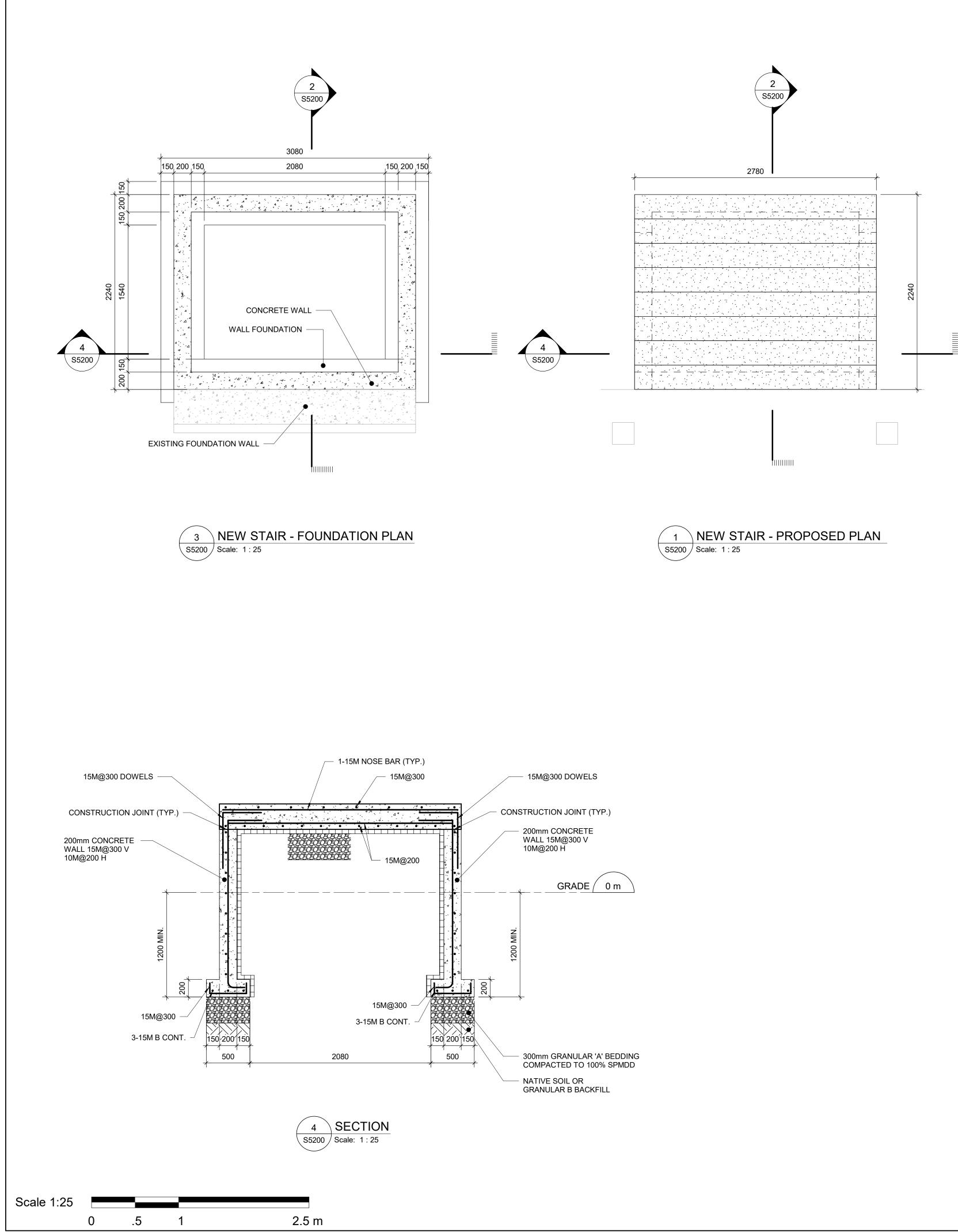
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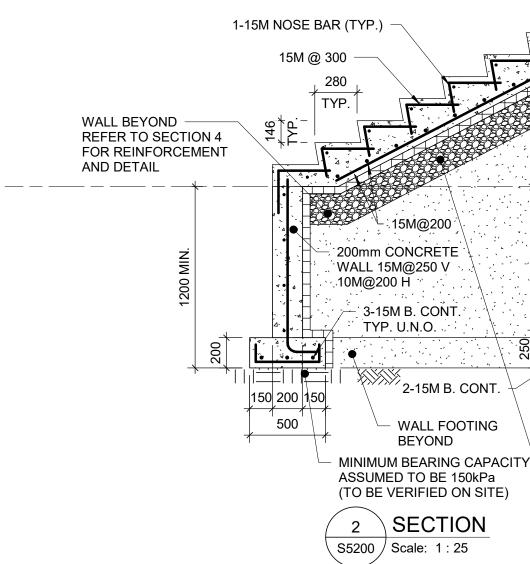




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True North





NOTES:

- 1. TYPE AND DIMENSIONS OF EXISTING FOUNDAT BE VERIFIED AT SITE AND IBI SHALL BE NOTIFI
- 2. POUR THE CONCRETE FOR THE STAIR AND ITS
- UP TO THE FACE OF EXISTING WALL. EXISTING DURING CONSTRUCTION.
- 3. ROUGHEN THE FACE OF EXISTING WALL TO AM
- APPLY BONDING AGENT. 4. SOIL BEARING CAPACITY IS ASSUMED TO BE 1 THE BEARING CAPACITY ON SITE AND NOTIFY
- CONSTRUCTION. 5. CONTRACTOR TO PROVIDE TEMPORARY SHOR ENGINEER DURING THE EXCAVATION TO PROT
- STRUCTURES AND UTILITIES. 6. SLAB ON GRADE EXPOSURE CLASS C-1. 7. DESIGN LOAD:
 - RAMP LIVE LOAD: 4.8kPa

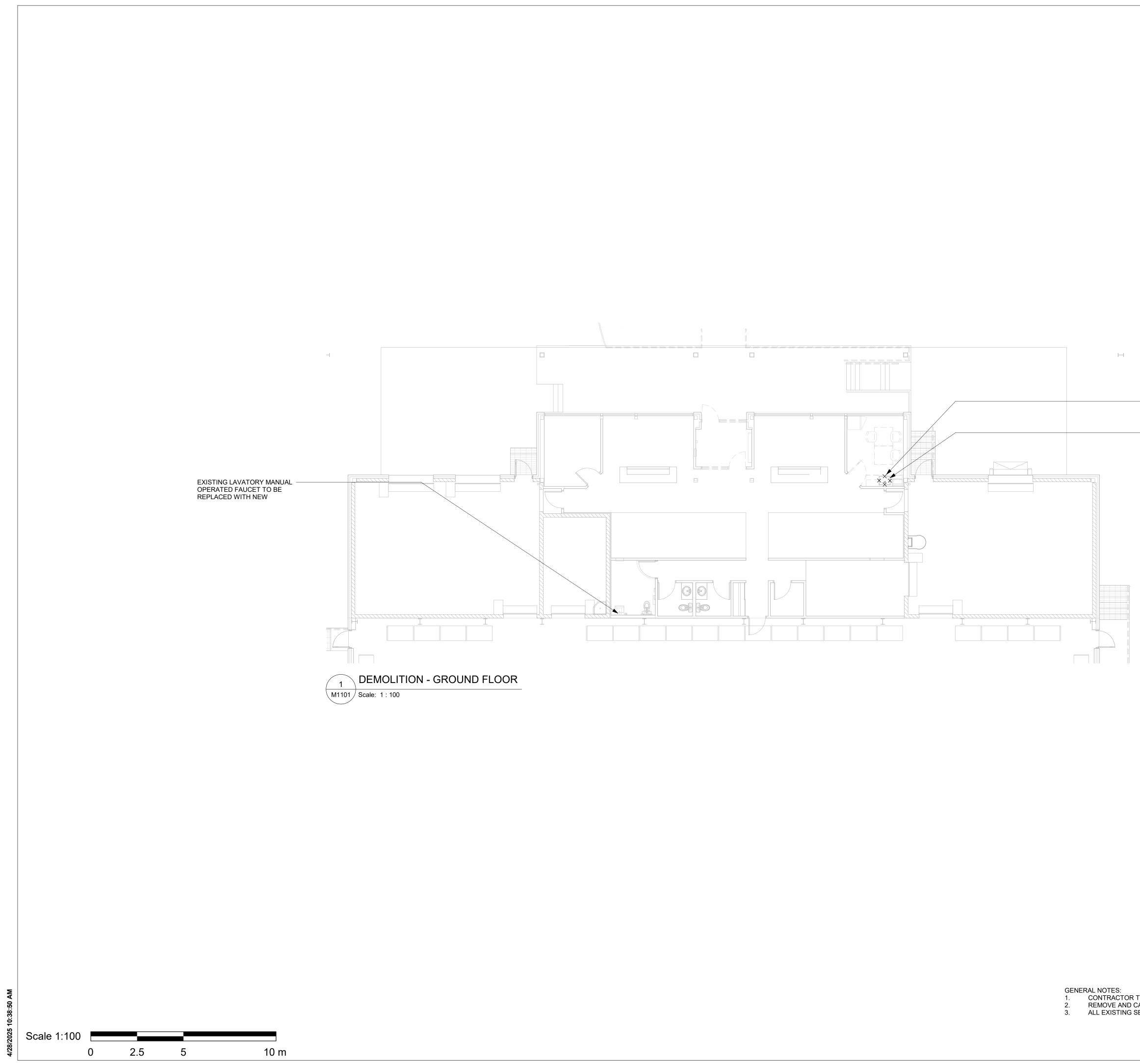
	CLIENT CITY OF TORONTO TORONTO Corporate Real Estate Management Project Management Office Metro Hall Toronto, ON M5V 3C6
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— EXISTING SLAB	No.DESCRIPTIONDATEA90% SUBMISSION2022-03-04BISSUED FOR PERMIT2022-03-18
	CISSUED FOR TENDER2022-12-07DISSUED FOR TENDER2024-04-11
FIRST FLOOR (1.31 m) PIRST FLOOR (1.31 m) DRILL & EPOXY 15M BAR @ 300 WITH 250mm MIN EMBEDMENT TO EXISTING SLAB & FOUNDATION WALL TO ALLOW FULL TENSION DEVELOPMENT EPOXY SHALL BE HILTI HIT-RE 500-V3 OR APPROVED EQUIVALENT (TYP.) EXISTING FOUNDATION WALL TO BE VERIFIED ON SITE GRADE 0 m State 1: 25 FIRST FLOOR (1.31 m) DRILL & EPOXY 15M BAR @ 300 WITH 250mm MIN EMBEDMENT TO EXISTING SUAB & FOUNDATION WALL TO BE VERIFIED ON SITE GRADE 0 m State 1: 25 FIRST FLOOR (1.31 m) DRILL & EPOXY 15M BAR @ 300 WITH 250mm FIRST FLOOR (1.31 m) DRILL & EPOXY 15M BAR @ 300 WITH 250mm FIRST FLOOR (1.31 m) DRILL & EPOXY 15M BAR @ 300 WITH 250mm FOUNDATION WALL TO BE VERIFIED ON SITE TYPICAL FILL GRANULAR 'A" COMPACTED TO 100%PMDD. FOR THE WHOLE AREA UNDER THE STAIR	CONSULTANTS
KISTING FOUNDATION WALL AND FOOTING TO SHALL BE NOTIFIED PRIOR TO THE CONSTRUCTION HE STAIR AND ITS FOUNDATION WALL AND FOOTING & WALL. EXISTING FOOTING NOT TO BE DISTURBED TING WALL TO AMPLITUDE OF +/-5mm (MIN) AND SSUMED TO BE 150KPa. CONTRACTOR TO VERIFY	SEAL
SITE AND NOTIFY IBI GROUP BEFORE ANY	PRIME CONSULTANT
EMPORARY SHORING APPROVED BY PROFESSIONAL VATION TO PROTECT EXISTING ADJACENT	ARCADIS
CLASS C-1.	100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com PROJECT TITLE CITY OF TORONTO ACCESSIBILITY UPGRADES
	www.arcadis.com PROJECT TITLE CITY OF TORONTO PROJECT TITLE PROJECT ADDRESS PROJECT ADDRESS CITY CLERK'S RECORD CENTER 14 DYAS RD.
	9119-19-0162 / Arcadis 30279056Image: Sector of the sector of
True North Project North	PLANS, SECTION - STAIRS SHEET NUMBER G05-048-S5200 D

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MECHANICAL DRAWING LIST

Sheet Number	Sheet Name
M0001	MECHANICAL DRAWING LIST
M1101	DEMOLITION PLAN - GROUND FLOOR
M2101	PLUMBING - GROUND FLOOR
M3101	DRAINAGE - GROUND FLOOR

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	conformance before proceeding with fabrication. Arcadis Professional Services (Canada	-	
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F. BO	LOURIAN S.LIU		
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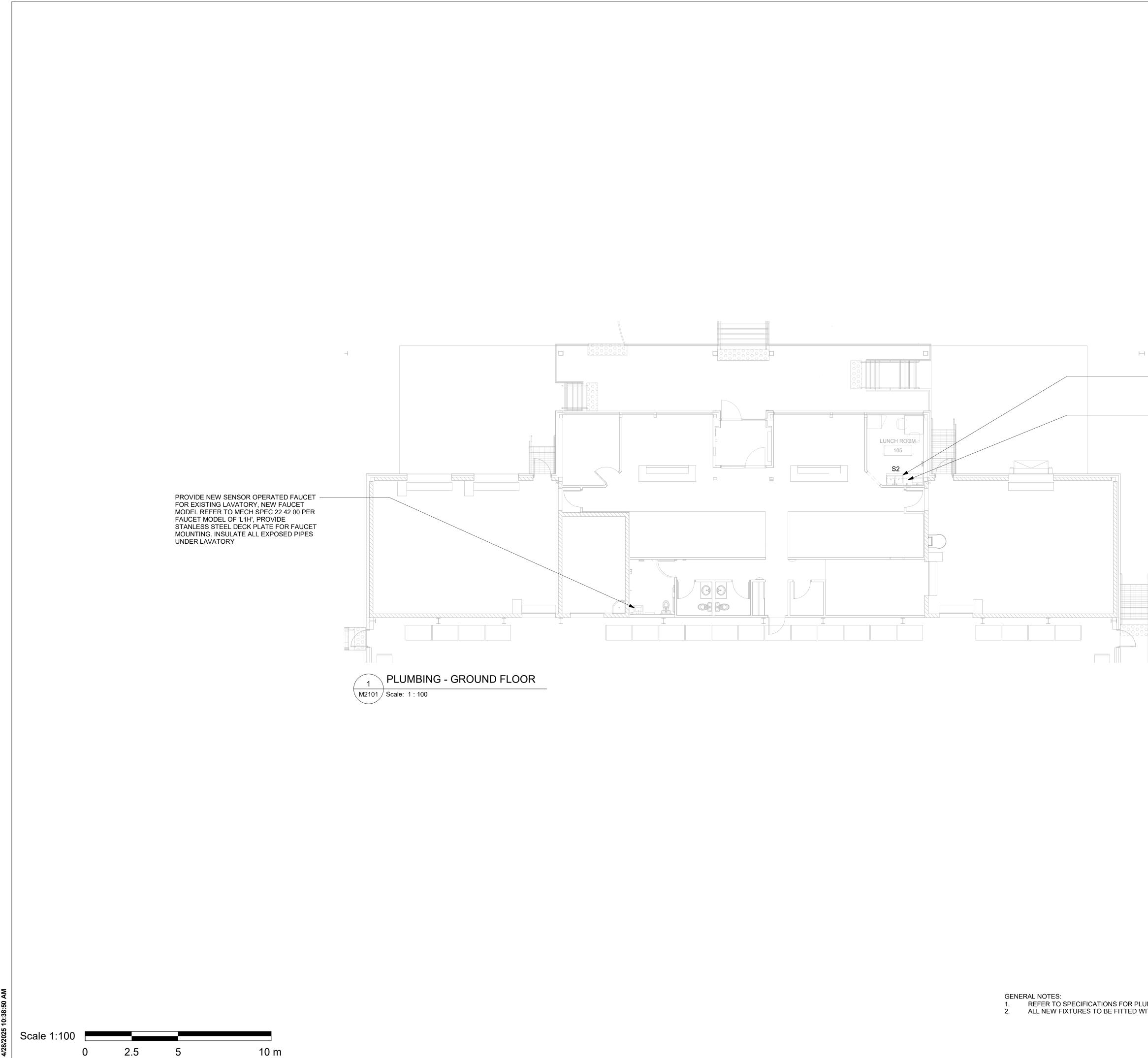


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		025-04-18	
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	F. BOLOURIAN S.LIU SHEET TITLE DEMOLITION PLAN GROUND FLOOR		
North Project North	SHEET NUMBER G05-048-M1101	ISSUE D	1 in

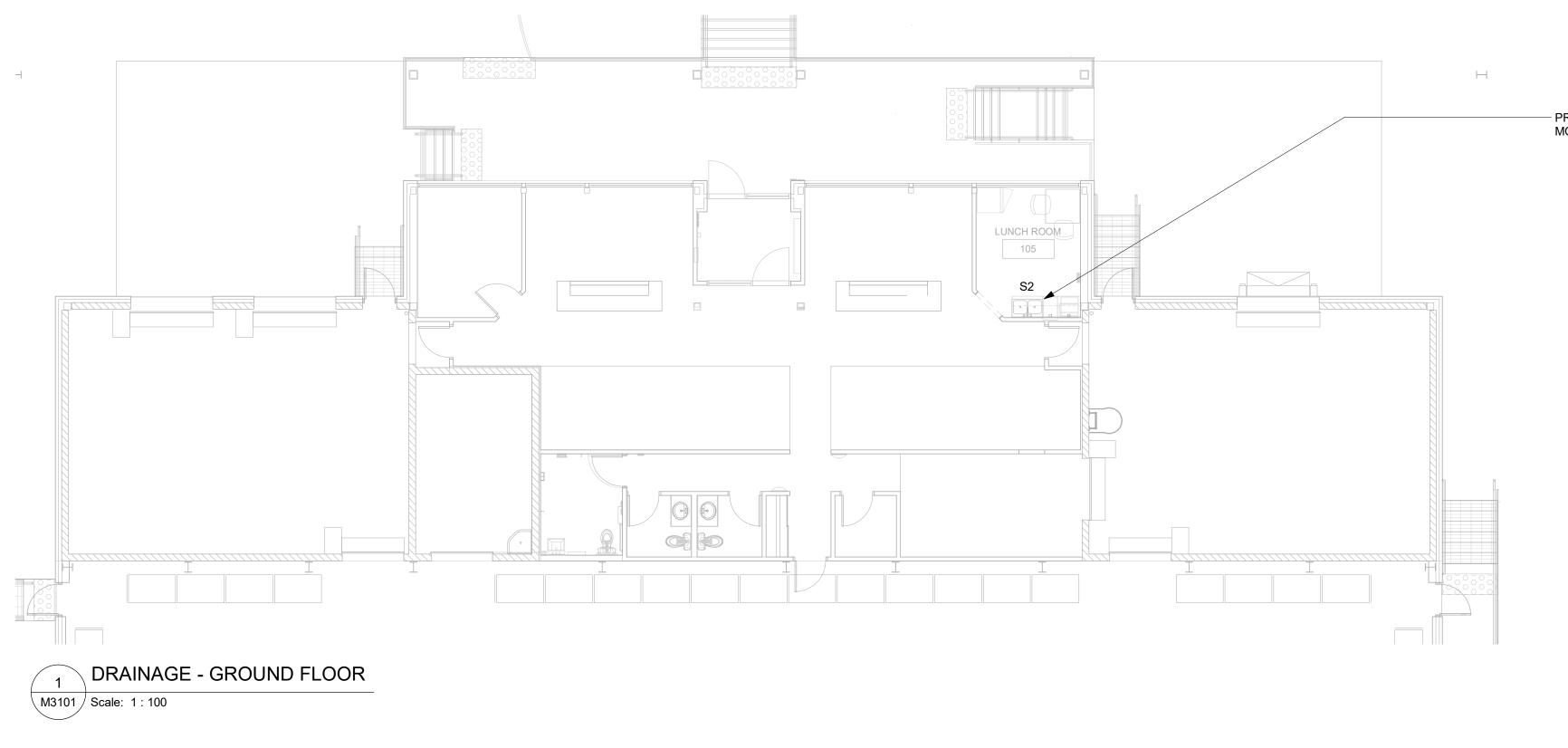
— EXISTING WATER FILTER TO BE DISCONNECTED AND RE-CONNECTED TO NEW SINK

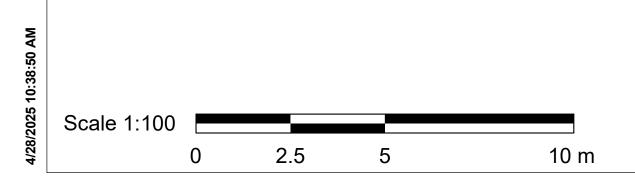
— EXISTING SINK TO BE REMOVED AND REPLACED WITH NEW, REFER M2101 FOR NEW SINK

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



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		Toronto
		Corporate Real Estate Management Project Management Office Metro Hall Toronto, ON
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		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 2021-11-19 B 90% SUBMISSION 2022-03-04
		CISSUED FOR PERMIT2022-03-04DISSUED FOR TENDER2025-04-18
H PROVIDE NEW SINK AND CONNECT TO EXISTING		
DCW AND DHW LINES, MODIFY EXISTING LINES TO RE-CONNECT TO EXISTING		
PLACE EXISTING WATER FILTER INSIDE NEW CABINET AND RE-CONNECT WATER FILTER TO NEW SINK, MODIFY EXISTING DCW LINE TO RE-		
CONNECT TO EXISTING IF REQUIRED		
		CONSULTANTS
		SEAL
		ARCADIS
		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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		14 DYAS RD. PROJECT NO: 9119-19-0162 / Arcadis 30279056 DRAWN BY: CHECKED BY: K.DURUKAN B.LIAO PROJECT MGR: APPROVED BY: F. BOLOURIAN S.LIU SHEET TITLE PLUMBING - GROUND
		PROJECT NO: 9119-19-0162 / Arcadis 30279056 8 DRAWN BY: CHECKED BY: 8
		K.DURUKAN B.LIAO PROJECT MGR: APPROVED BY: F. BOLOURIAN S.LIU
		SHEET TITLE PLUMBING - GROUND
OR PLUMBING FIXTURE UNIT TYPES. TED WITH ISOLATION VALVES.		FLOOR
	True North Project North	
		G05-048-M2101 D





GENERAL NOTES:

- 1.
- 5.
- PROVIDE FIRE STOP FOR ALL PIPE PENETRATIONS THROUGH FIRE SEPERATIONS.
- 6. ALL UNDERGROUND SANITARY PIPING SHALL BE MINIMUM 75mmØ UNLESS OTHERWISE NOTED.

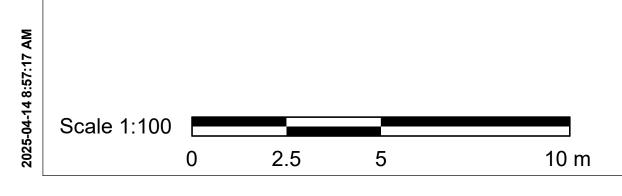
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Toronto, ON M9W 0C9, Canada tel 416 679 1930	RADES
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PROVIDE NEW SINK AND CONNECT TO EXISTING SAN LINE,
 MODIFY EXISTING SAN LINE TO RE-CONNECT TO EXISTING

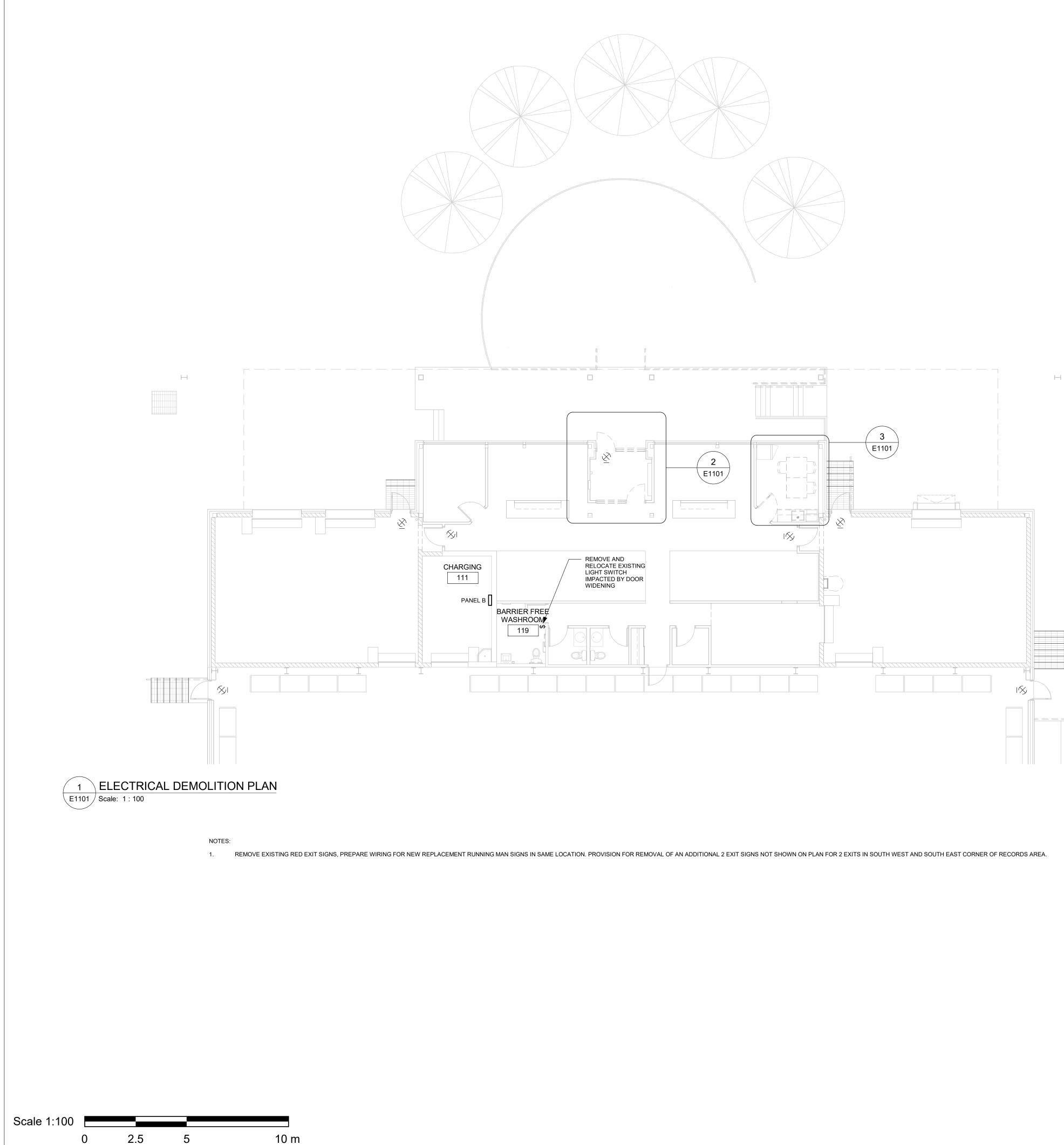
REFER TO SPECIFICATIONS FOR PLUMBING FIXTURE UNIT TYPES. PROVIDE SANITARY VENT FOR EACH NEW PLUMBING FIXTURE AND CONNECT TO EXISTING SANITARY VENT MAIN. PROVIDE P-TRAP FOR EACH PLUMBING FIXTURE AS PER OBC. ALL NEW FLOOR DRAINS SHALL BE C/W P-TRAP AND PRIMER.

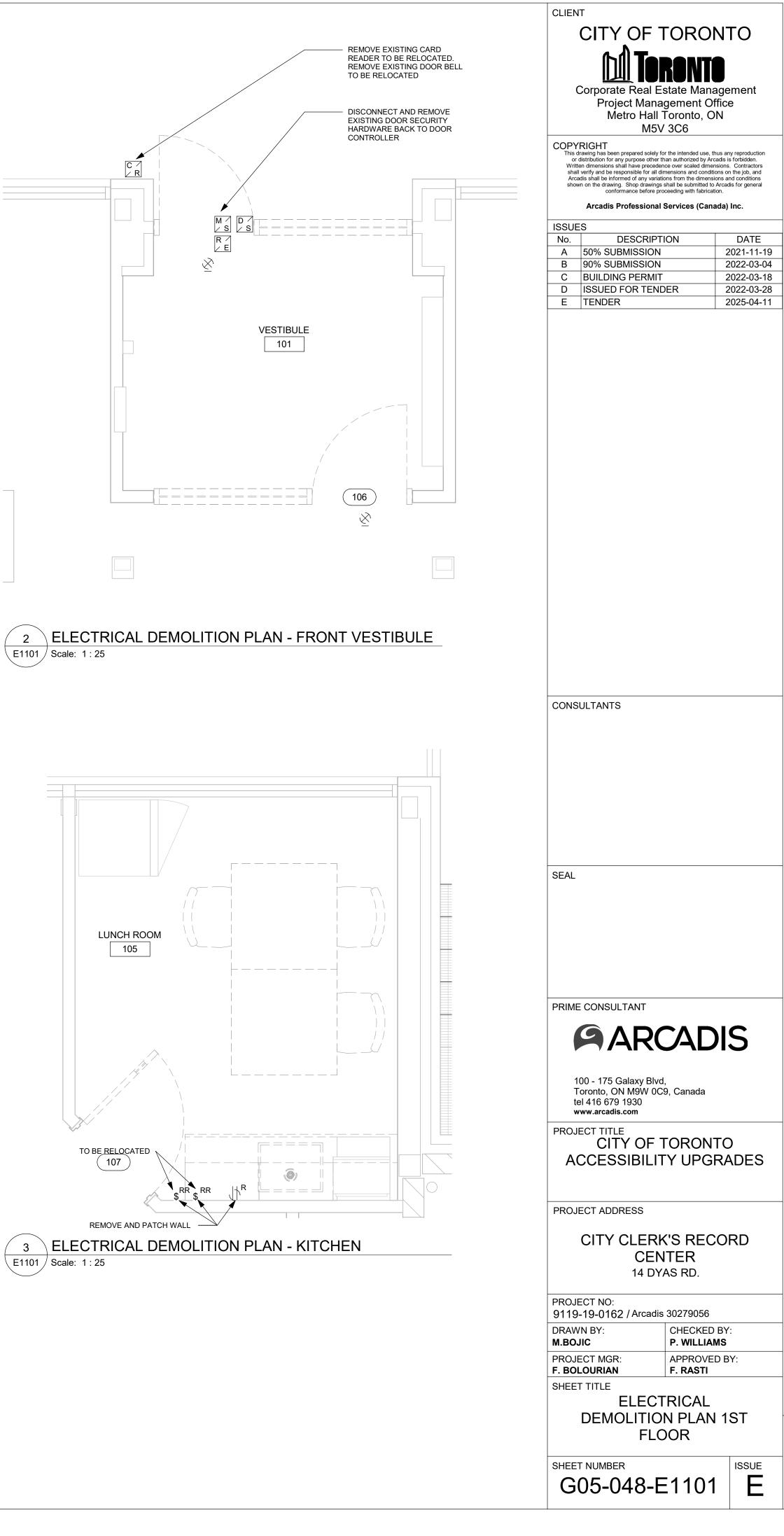
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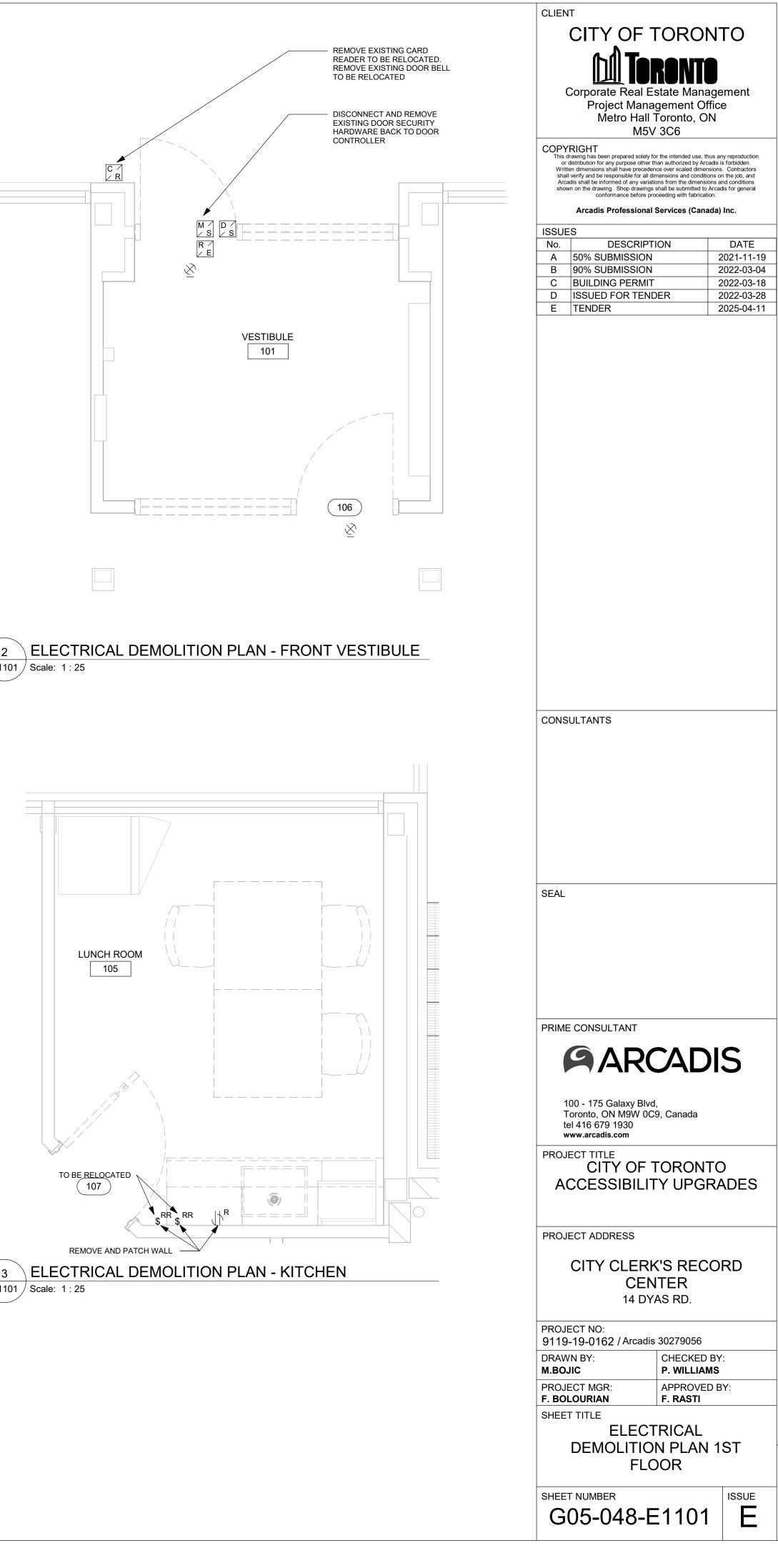
ELECTRICAL DRAWING LIST		
Sheet		
Number	Sheet Name	
E0000	DRAWING LIST	
E1101 ELECTRICAL DEMOLITION PLAN 1ST FLOOR		
E2101 POWER & SYSTEMS PLAN 1ST FLOOR		

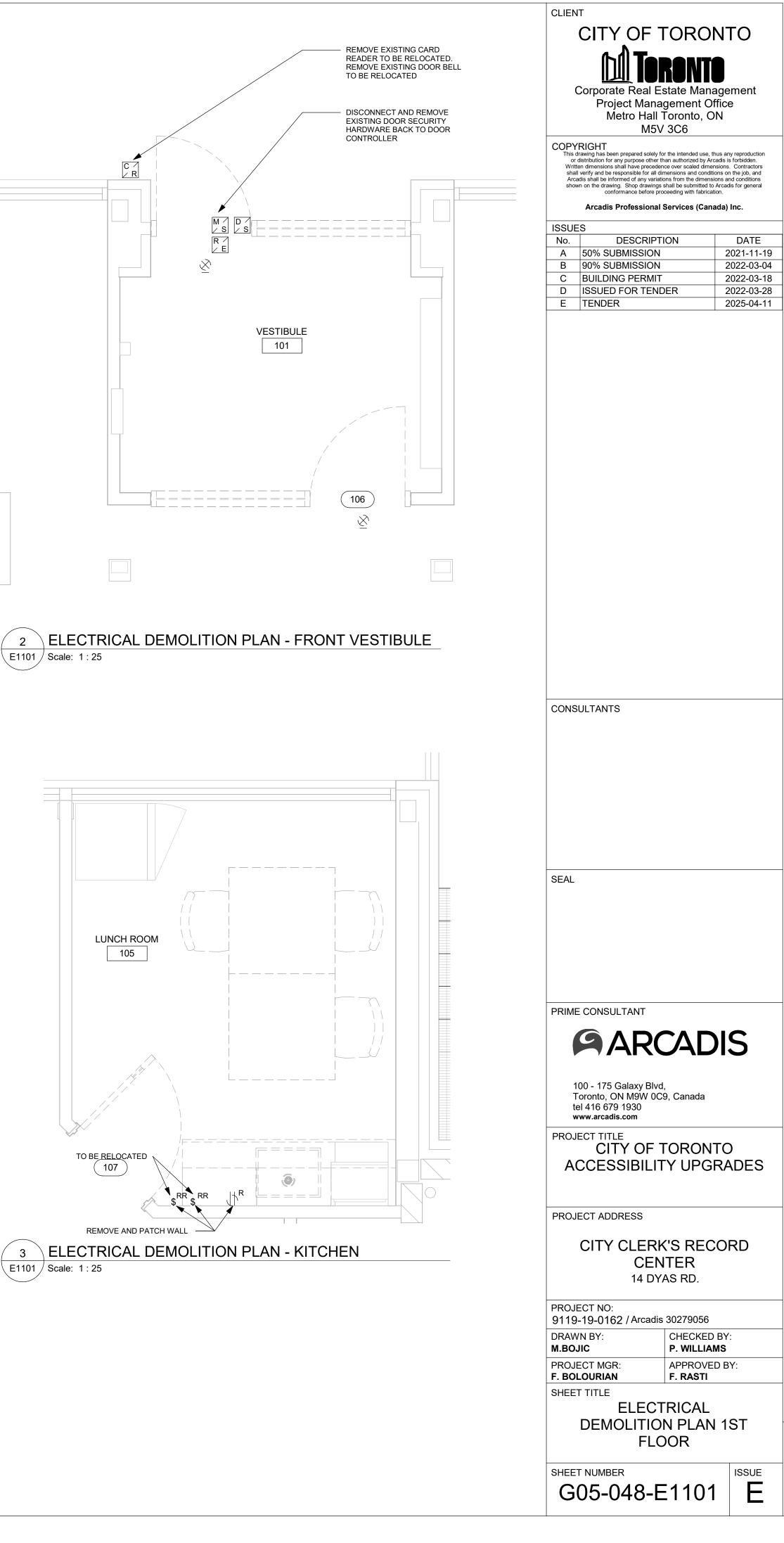


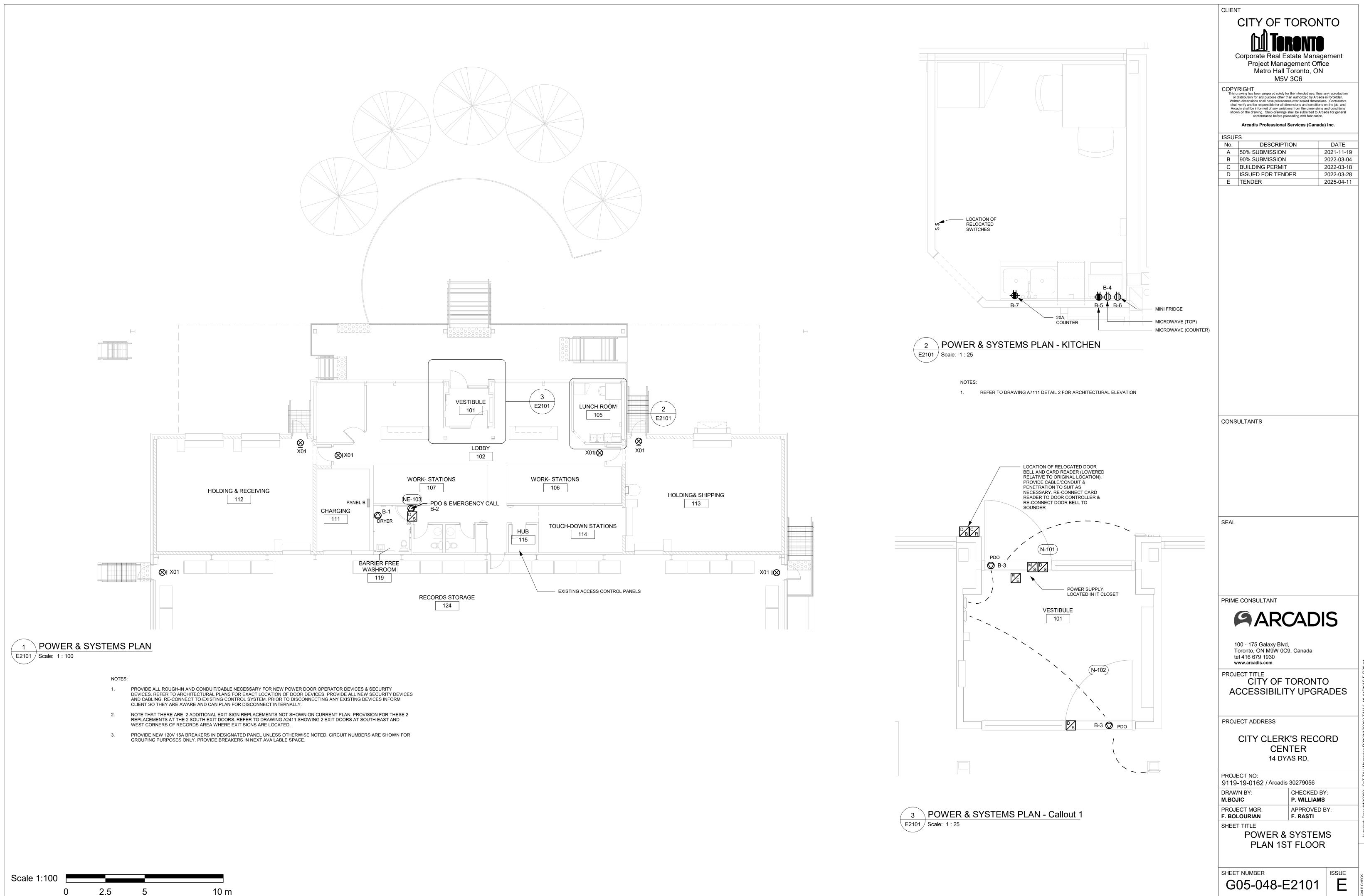
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B C	90% SUBMISSION BUILDING PERMIT	2022-03-04 2022-03-18	
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