

CITY OF TORONTO

ACCESSIBILITY UPGRADES

GROUP 5

9119- 19- 0162 / Arcadis 30279056

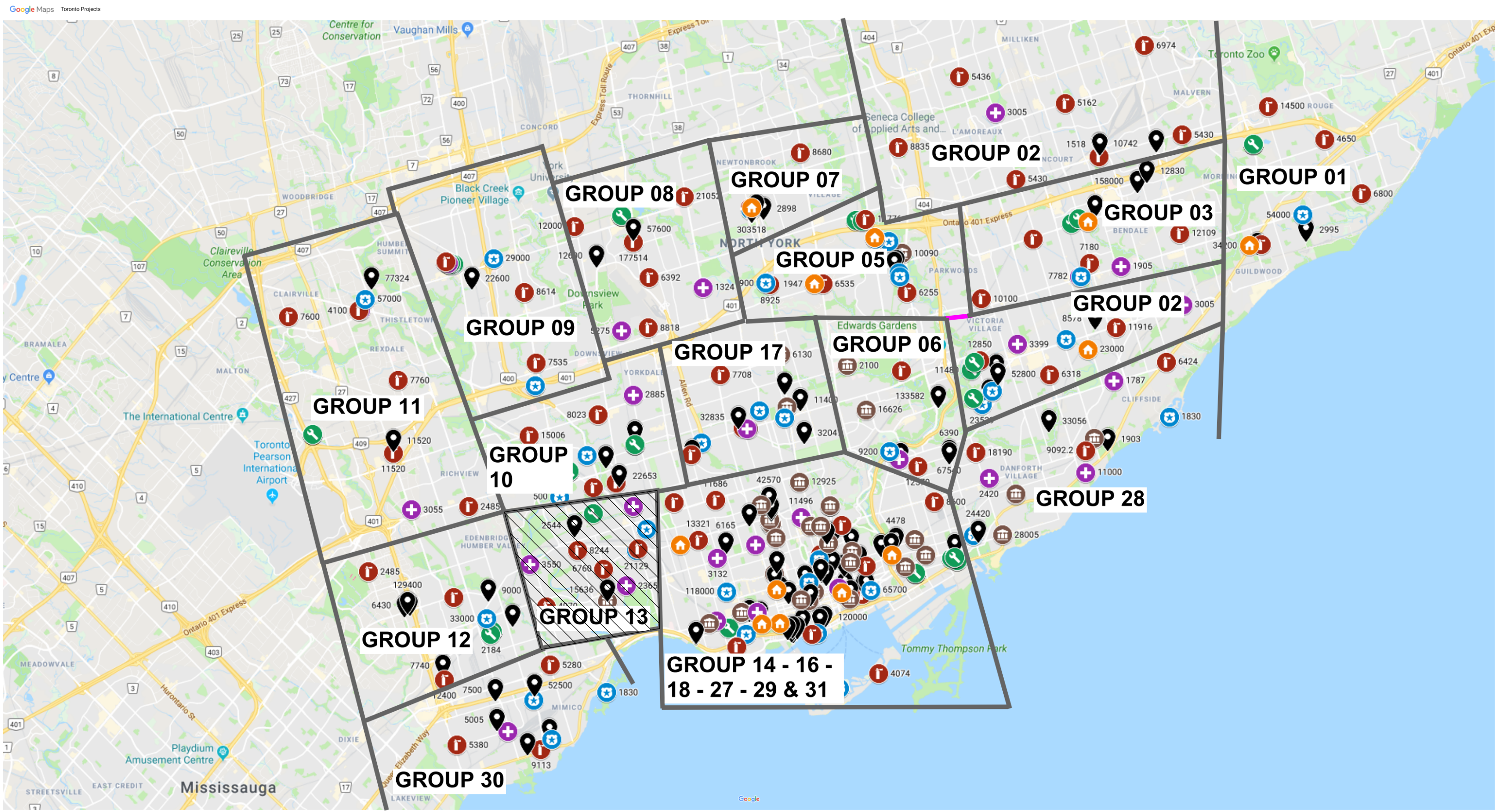


IMAGE SOURCES: GOOGLE MAPS

COVER PAGE GROUP 05	
SHEET #	SHEET TITLE
G05-GAL-G1001	COVER PAGE, GENERAL DRAWING LIST, BUILDING LIST

GENERAL LAYOUTS GROUP 05	
SHEET #	SHEET TITLE
G05-GAL-G1002	ARCHITECTURAL GENERAL NOTES, ABBREVIATIONS & REFERENCE SYMBOLS
G05-GAL-G1003	WALL TYPES
G05-GAL-G1004	DOOR TYPES
G05-GAL-G2001	STRUCTURAL GENERAL NOTES
G05-GAL-G2002	ABBREVIATIONS & SYMBOLES
G05-GAL-G3001	MECHANICAL LEGEND SHEET 1 OF 2
G05-GAL-G3002	MECHANICAL LEGEND SHEET 2 OF 2
G05-GAL-G4001	ELECTRICAL LEGEND SHEET 1 OF 2
G05-GAL-G4002	ELECTRICAL LEGEND SHEET 2 OF 2
G05-GAL-G4003	ELECTRICAL GENERAL NOTES

GROUP 05 BUILDING INDEX		
SERIAL #	BUILDING ADDRESS	BUILDING DESCRIPTION
1	10 WILLIAM CARSON CRESCENT	FIRE HALL NO. 121
10	1026 FINCH AVE. W	FINCH YARD BLDG A
30	125 MOATFIELD DR	DAVID DUNCAN HOUSE - RESTAURANT
48	14 DYAS RD	CITY CLERK'S RECORDS CENTRE
59	143 BOND AVE.	FIRE HALL NO. 123
83	160 DUNCAN MILL RD.	BUILDING
143	2545 BAYVIEW AVE.	FIRE HALL NO. 122
175	300 LESMILL RD.	BUILDING
249	50 UPJOHN RD.	POLICE NO. 33 DIVISION

TOUCH AND FEEL BOOKLET

TYPICAL DETAILS BOOKLET

NOT FOR CONSTRUCTION

ISSUED FOR TENDER

CITY OF TORONTO



55 John ST.
TORONTO, ON
M5V 3C6

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

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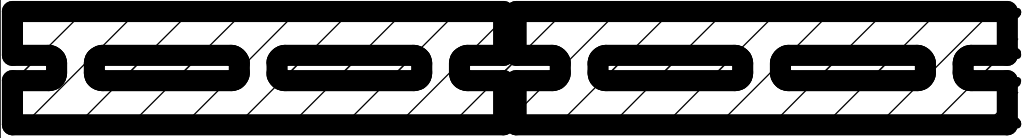
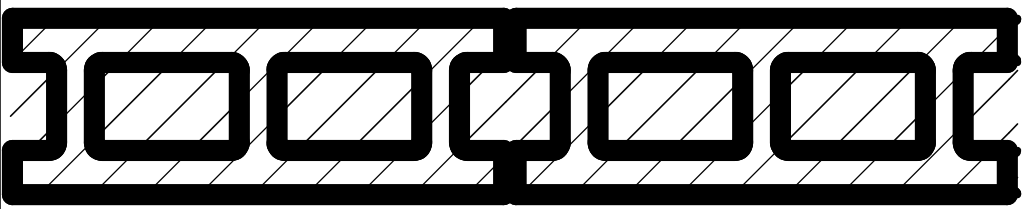
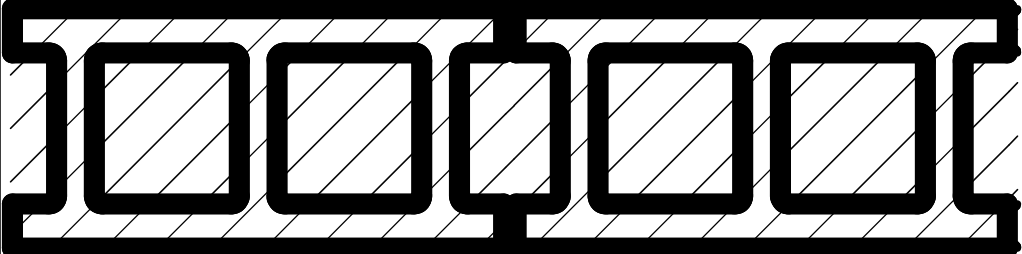
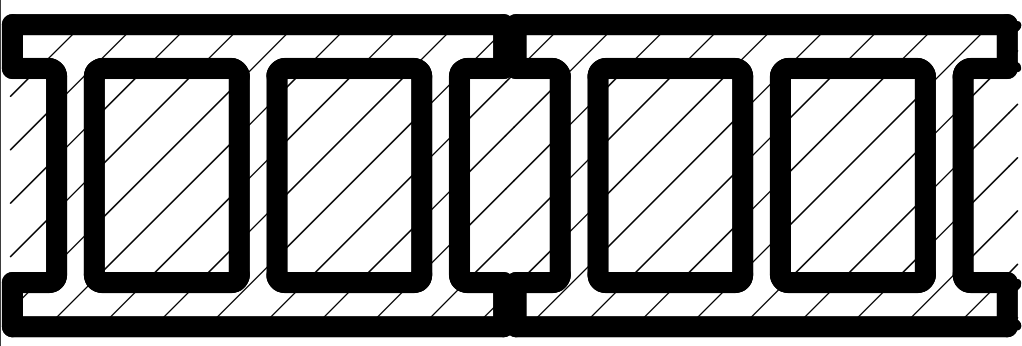
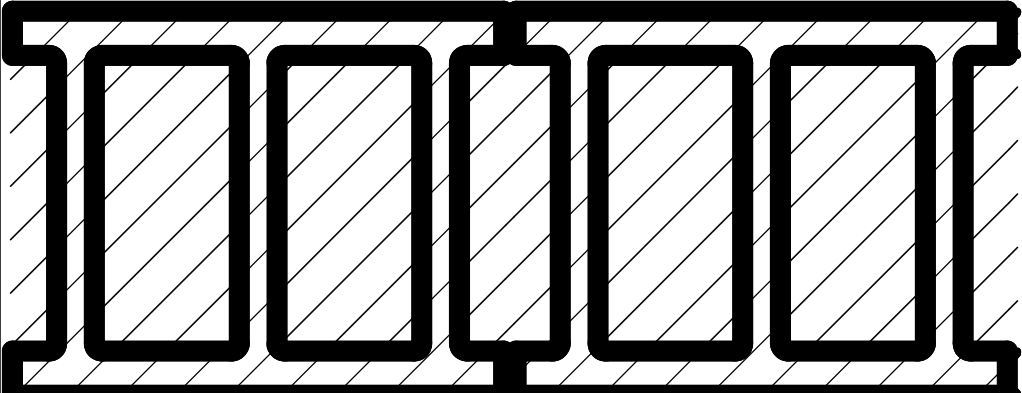
PROJECT NO: 9119- 19- 0162 / Arcadis 30279056	
DATE: 2025-04-11	
SHEET NUMBER G05-GAL-G0001	ISSUE D

A	ANGLE	ECB	EMERGENCY CALL BUTTON	LNS	LINEUM SHEET	RS	RUBBER SHEET FLOORING
A/C	AIR CONDITIONER / CONDITIONING	ECS	EMERGENCY CALL SIGNAGE	LNT	LINEUM TILE	RST	RUBBER STAIR TREADS
ABV	ABOVE	EF	EACH FREE	LP	LOW POINT	RSTR	RUBBER STAIR TREADS & RISERS
ACCS	ACCESSORIES	EIFS	EXTERIOR INSULATION AND FINISH SYSTEM	LT	LIGHT	RT	RUBBER TILE
ACSDR	ACCESS DOOR	EJ	EXPANSION JOINT	LVR	LOUVER	RWB	RUBBER WALL BASE
ACSLFR	ACCESS FLOOR	EL	ELEVATION	LWT	LIGHT WEIGHT	RWD	REDWOOD
ACST / ACOUS	ACOUSTICAL	ELEC	ELECTRICAL			RWL	RAIN WATER LEADER
ACT	ACOUSTICAL CEILING TILE	ELEV	ELEVATOR	MACH	MACHINE	S	SOUTH
AD	AREA DRAIN	EMER	EMERGENCY	MAT	ANTI-FATIGUE MATTING	SC	SOLID CORE
ADA	AMERICANS WITH DISABILITIES ACT	EMF	ENGINEERED WOOD FLOORING	MATL	MATERIAL	SCHD	SEAT COVER DISPENSER
ADDL	ADDITIONAL	ENCL	ENCLOSED / ENCLOSURE	MAX	MAXIMUM	SCD	SCHEDULE
ADDM	ADDENDUM	ENG	ENGINEER	MC	MEDICINE CABINET	SCN	SCREEN
ADJ	ADJUSTABLE / ADJACENT	EOD	EDGE OF DECK	ME	MECHANICAL EQUIPMENT	SCT	STAINED CONCRETE
ADMIN	ADMINISTRATION	EOS	EDGE OF SLAB	MECH	MECHANICAL	SD	SQ DISPENSER / STORM DRAIN
AFC	ABOVE FINISHED COUNTER	EQ	EQUAL(L,Y)	MEZZ	MEZZANINE	SDC	SEALED CONCRETE
AFG	ABOVE FINISHED FLOOR	EQPT	EQUIPMENT	MFR	MANUFACTURE(R)	SECT	SECTION
AFG	ABOVE FINISHED GRADE	EST	ESTIMATE	MH	MANHOLE	SF	SQUARE FEET
AFS	ABOVE FINISHED SLAB	EW	ELECTRIC WATER COOLER	MIN	MINIMUM	SHLF	SHELF
AGGR	AGGREGATE	EXIST	EXISTING	MIR	MIRROR	SHT	SHEET
AHR	AIR ANCHOR	EXP	EXPANSION	MISC	MISCELLANEOUS	SHTG	SHEATHING
AHU	AIR HANDLING UNIT	EXT	EXTERIOR	MLD / MLDG	MOLDING	SHWC	SHOWER CURTAIN AND ROD
AL	ALUMINUM			SHWR	SHOWER	SHWS	SHOUR SEAT
ALUM	ALUMINUM	FA	FIRE ALARM	MO	MASONRY OPENING	SIM	SIMILAR
ALNMT	ALIGNMENT	FAST	FASTENER	MR	MOISTURE RESISTANT	SND	SANITARY NAPKIN DISPENSER
ALT	ALTERNATE	FOO	FLOOR CLEAN OUT	MTD	MOUNTED	SNR	SANITARY NAPKIN RECEPTACLE
ANOD	ANODIZED	FDO	FLOOR DRAIN	MUL	MULLION	SOG	SLAB ON GRADE
ANUN	ASSISTANCE REQUIRED INDICATOR/ALARM	FE	FIRE EXTINGUISHER	MW	MICROWAVE	SPD	SQ DISPENSER WITH COLLECTOR
AP	ACCESS PANEL	FEC	FIRE EXTINGUISHER CABINET			SPEC	SPECIFY / SPECIFICATION
APC	ACOUSTICAL PANEL CEILING	FEC (R)	FIRE EXTINGUISHER CABINET, RECESSED	N	NORTH	SPK	SPEAKER
APPROX	APPROXIMATELY			NA OR	NOT AVAILABLE / APPLICABLE	SQ	SQUARE
APVD	APPROVED	FEC (SR)	FIRE EXTINGUISHER CABINET, SEMI-RECESSED	ND	FEMININE NAPKIN WASTE BIN	SQFT	SQUARE FEET
AR-LED	DOOR LOCK INDICATOR	FEW	FIRE EXTINGUISHER, WALL MOUNTED	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION	SQIN	SQUARE INCH(ES)
ARCH	ARCHITECT(URAL)					SS	STAINLESS STEEL
ASPH	ASPHALT	FF	FINISHED FLOOR	NIC	NOT IN CONTRACT	ST	STONE
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS	FGL	FINISH FLOOR LEVEL	NO / #	NUMBER	STA	STATION
AUTO	AUTOMATIC	FGL	FIBERGLASS	NOM	NOMINAL	STC	SOUND TRANSMISSION CLASS
AVG	AVERAGE	FIN	FINISHED	NTS	NOT TO SCALE	STD	STANDARD
s	AND	FIXT	FIXTURE			STD	STANDARD
		FL	FLOOR			STDS	STUDS
BD	BOARD	FLASH	FLASHING	OA	OVERALL	STIFF	STIFFENER
BET	BETWEEN	FLUOR	FLUORESCENT	OBS	OBSCURE	STL	STEEL
BFACT	BARRIER FREE ADULT CHANGE TABLE	OC	ON CENTER	OC	OCCUPIED INDICATOR	STN	STAINED
BFAO	BARRIER FREE AUTOMATIC OPENER	OC	OCCUPIED INDICATOR	OD	OUTSIDE DIAMETER	STOR	STORAGE
BFPB	BARRIER FREE PUSH BUTTON	FOM	FACE OF MASONRY	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED	STRUCT	STRUCTURE / STRUCTURAL
BFWO	BARRIER FREE WAVE TO OPEN BUMPER GUARD	FOS	FACE OF STUDS			SUSP	SUSPENDED
BG	BUMPER GUARD	FOW	FACE OF WALL	OFF	OFFICE	SV	SWITCH
BITUM	BITUMINOUS	FP	FIREProof	OPG / OPNG	OPENING	SYM	SYMMETRICAL
BL	BLACK	FPL	FIREPLACE	OPP	OPPOSITE	SYN	SYNTHETIC
BLDG	BUILDING	FR	FRAME	OZ	OUNCE	SYS	SYSTEM
BLK	BLACK	FRC	FIBER REINFORCED CONCRETE				
BLKG	BLOCKING	FRG	FIRE RATED GLASS			T&B	TOP AND BOTTOM
BM	BEAM	FRGP	FIBER REINFORCED GYPSUM PLASTER	PART	PARTIAL	T&G	TONGUE AND GROOVE
BMS	BALANCE MAGNETIC SWITCH			PAT	PATTERN	TB	TOWEL BAR
BOS	BOTTOM OF STEEL	FRT	FIRE RETARDANT TREATED	PB	PORCELAIN BASE	TBD	TO BE DETERMINED
BOT	BOTTOM	FS	FLOOR SINK	PBD	PARTICLE BOARD	TC	TOP OF CURB
BR	BACKREST	FTG	FOOTING	PC / PCC	PRECAST CONCRETE	TEL	TELEPHONE
BS	BOTH SIDES	FURR	FURRING	PE	PEDESTAL	TEMP	TEMPORARY / TEMPERATURE
		FUT	FUTURE	PER	PERIMETER	TERRAZZO	TERRAZZO
				PERF	PERFORATED	TGL	TEMPERED GLASS
CAB	CABINET	GA	GAUGE	PERP	PERPENDICULAR	THK	THICK
CASEW	CASEWORK	GALV	GALVANIZED	PF	PRE-FINISHED	THRU	THROUGH
CATCH	CATCH BASIN	GB	GRAB BAR	PFT	PORCELAINE FLOOR TILE	TOC	TOP OF CONCRETE
CEM	CEMENT	GBFD	GRAB BAR FOLD DOWN	PL	POURED-IN-PLACE	TOS	TOP OF SLAB
CER	CERAMIC	GC	GENERAL CONTRACTOR	PL	PLATE	TOW	TOP OF WALL
CF	CUBIC FOOT	GL	GLASS / GLAZING	PLAM	PLASTIC LAMINATE		

SHEET IDENTIFICATION NUMBER
(INDICATES SHEET NUMBER
WHERE PICTURE IS SHOWN) _____

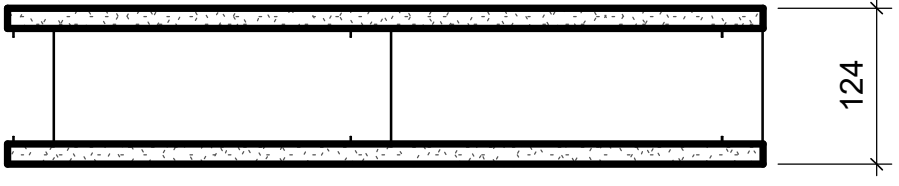
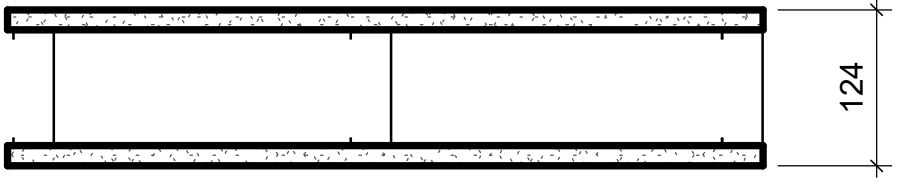
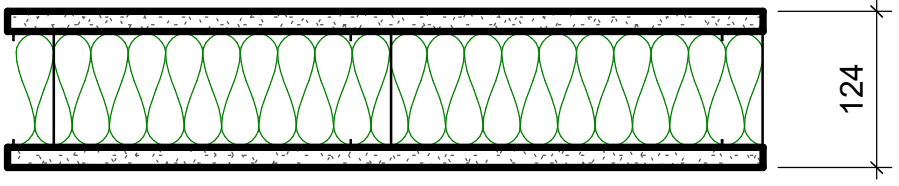
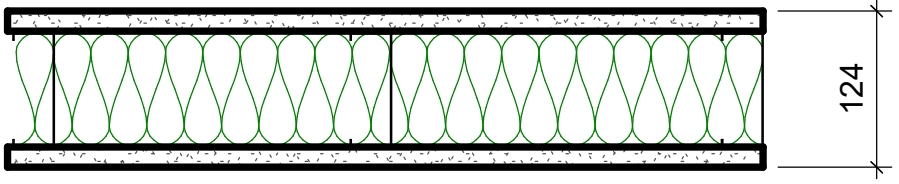
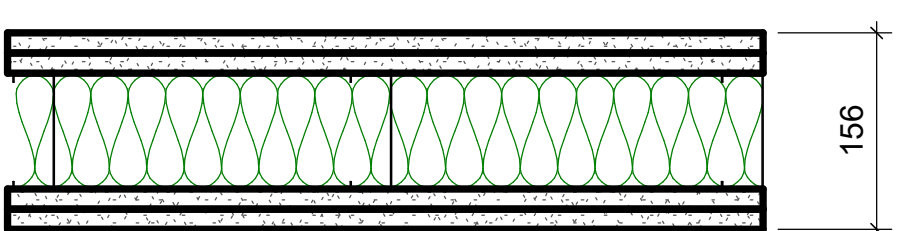
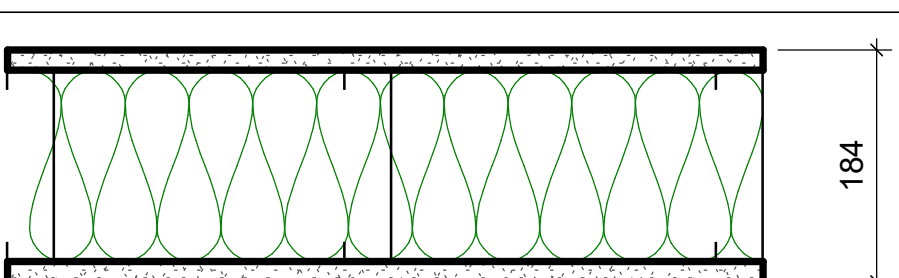
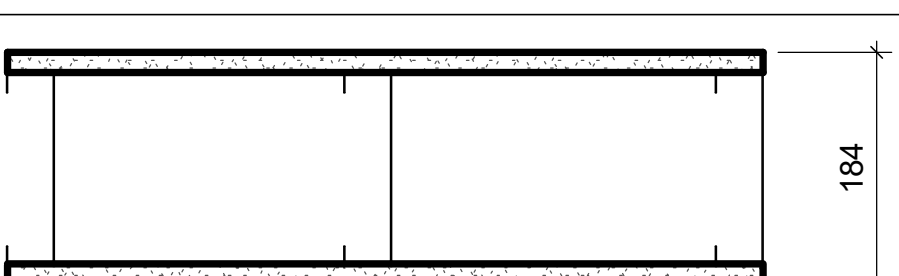
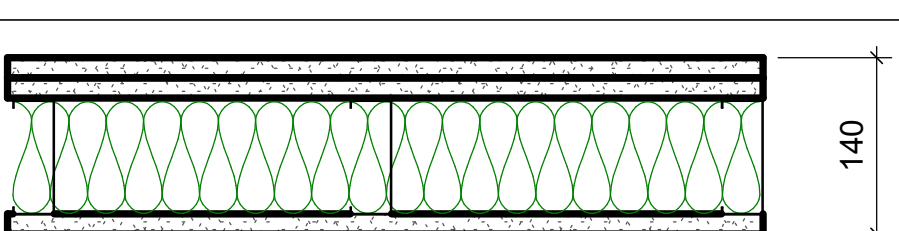
SHEET TITLE	
GENERAL NOTES, ABBREVIATIONS & REFERENCE SYMBOLS	
SHEET NUMBER	ISSUE
G05-GAL-G0002	D

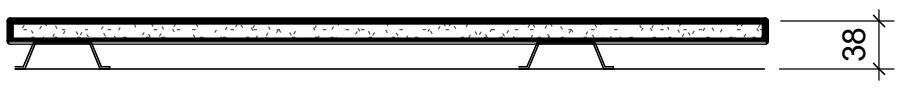
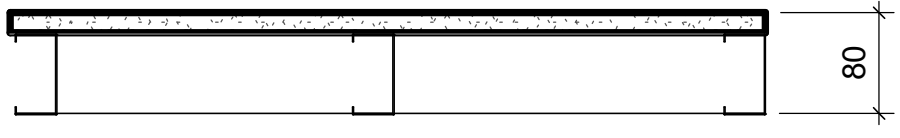
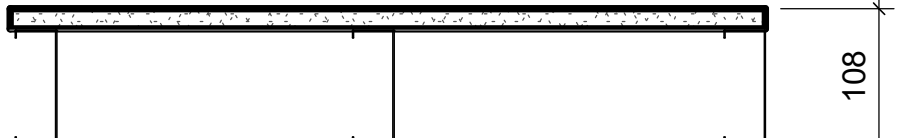
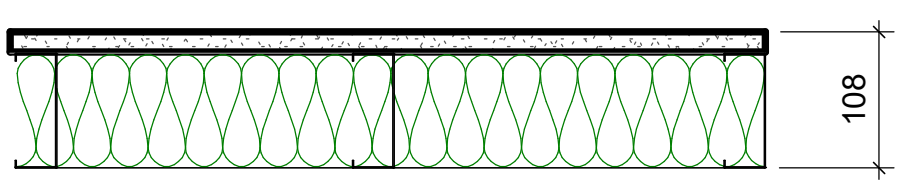
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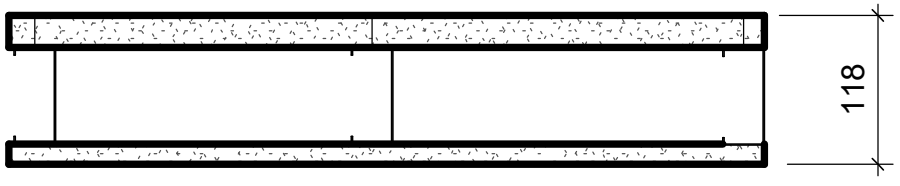
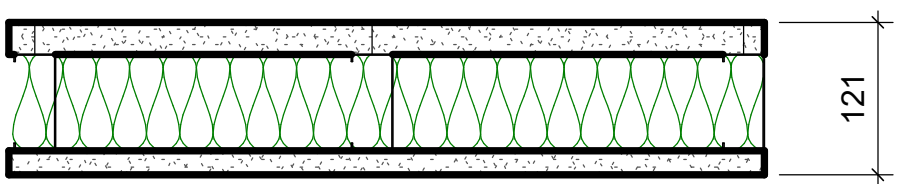
CONCRETE BLOCK				
TYPE NO.	ASSEMBLY	DESCRIPTION	FRR	STC
W1a		- 90mm CONCRETE BLOCK NORMAL WEIGHT TO U/S OF DECK/ SLAB ABOVE		44
W1b		- 140mm CONCRETE BLOCK NORMAL WEIGHT TO U/S OF DECK/ SLAB ABOVE	1.0 HR OBC SB-2	46
W1c		- 190mm CONCRETE BLOCK NORMAL WEIGHT TO U/S OF DECK/ SLAB ABOVE	2.0 HR OBC SB-2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

WALL TYPE NOTES:

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

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

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

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

CLIENT

CITY OF TORONTO



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

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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

CONSULTANTS

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

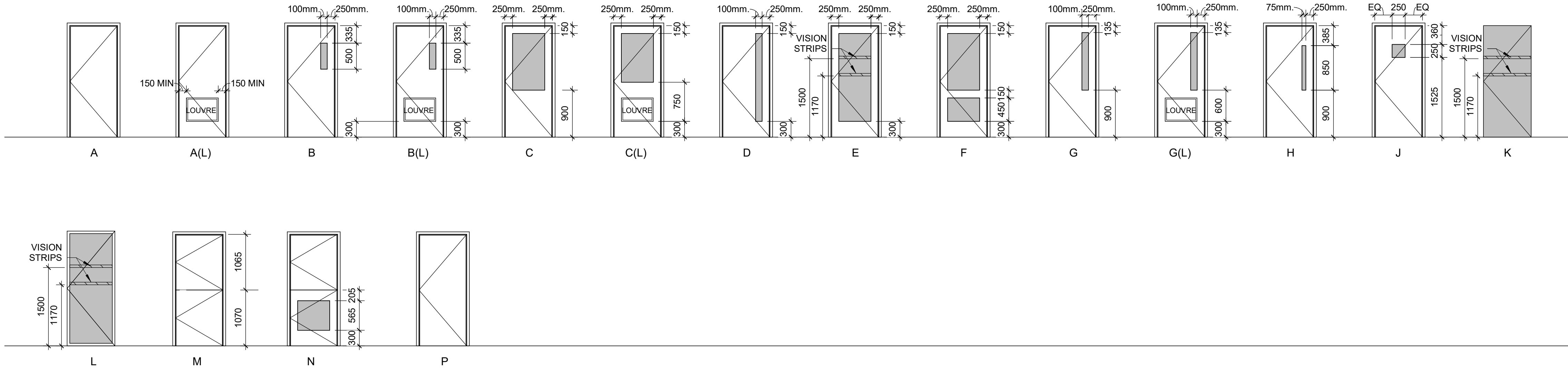
PROJECT ADDRESS

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

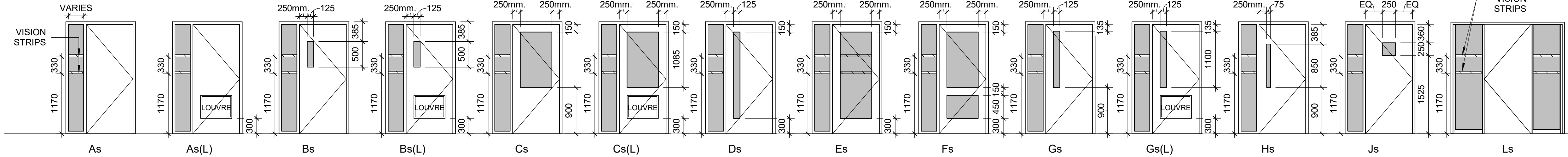
SHEET TITLE
WALL TYPES

SHEET NUMBER G05--GAL-G0003	ISSUE D
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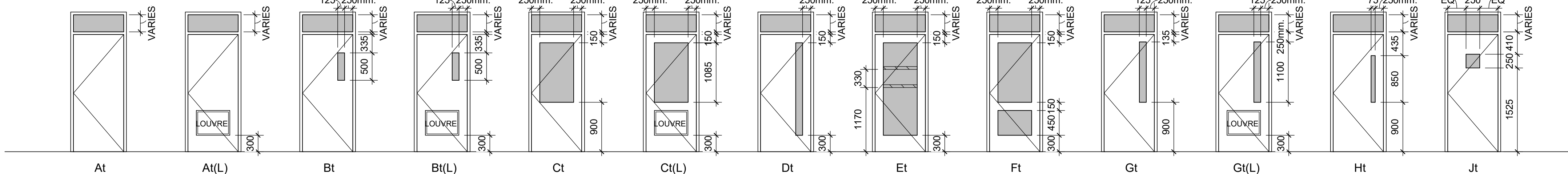
SINGLE DOOR TYPES



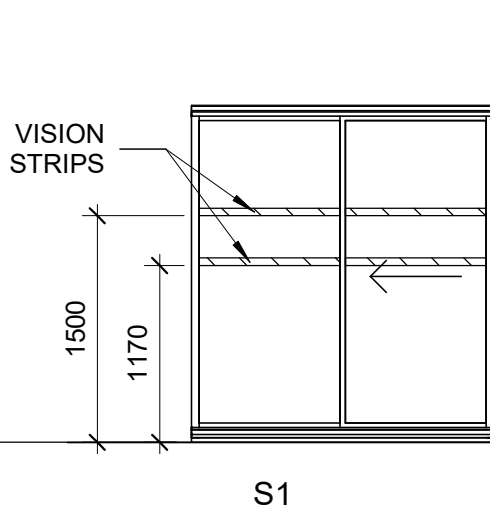
SINGLE DOOR WITH SIDELIGHT TYPES



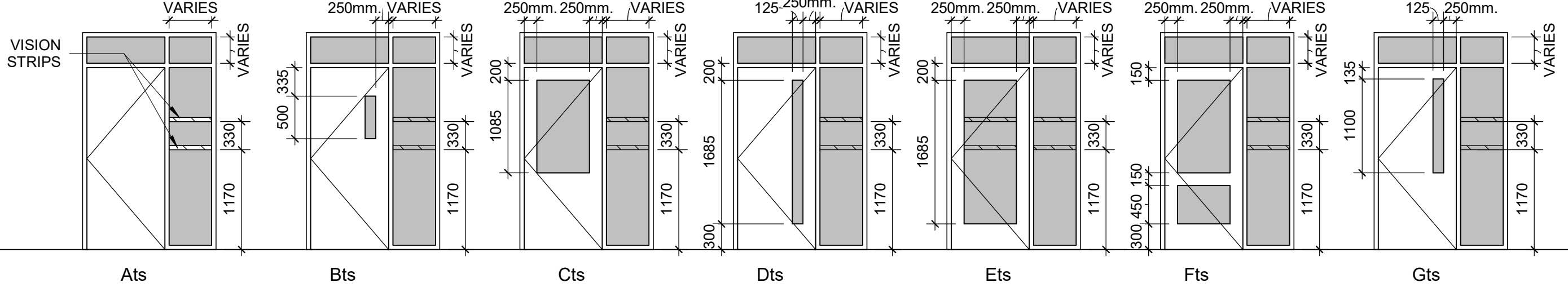
SINGLE DOOR WITH TRANSOM TYPES



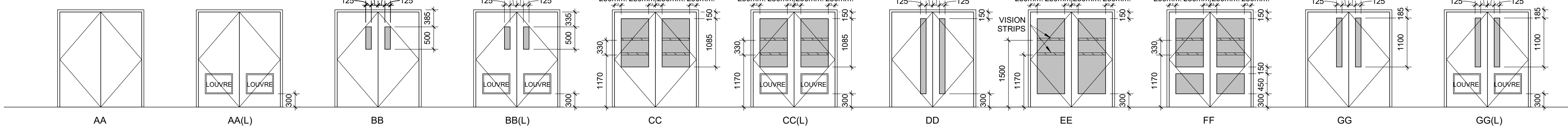
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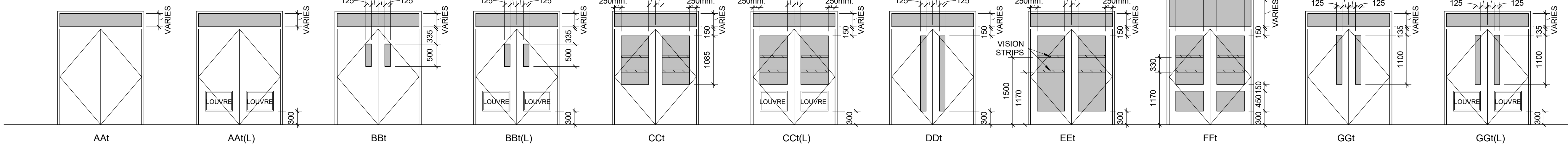
SINGLE DOOR WITH SIDELIGHT & TRANSOM TYPES



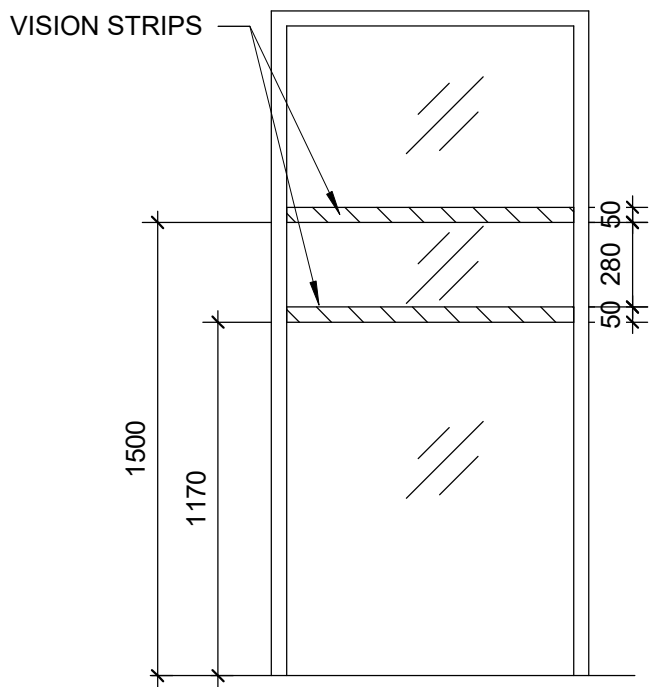
DOUBLE DOOR TYPES



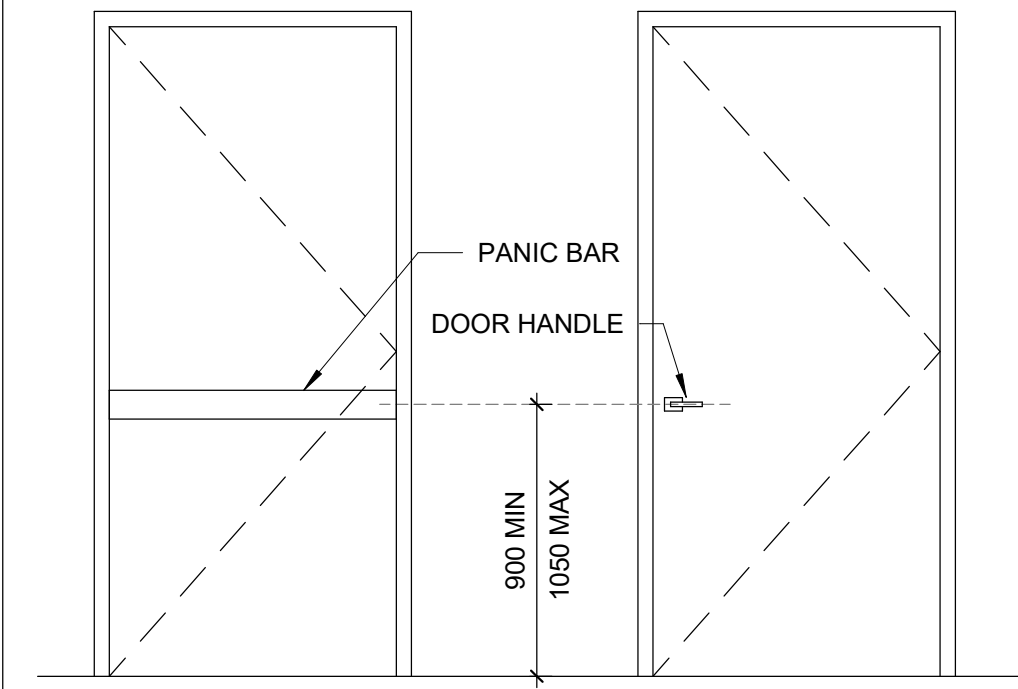
DOUBLE DOOR WITH TRANSOM TYPES



VISION STRIPS



DOOR HANDLE / PANIC BAR HEIGHT



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CONSULTANTS

SEAL

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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

DRAWN BY:

A. BOYNARIAN

CHECKED BY:

L. BANDIERA

PROJECT MGR:

F. BOLOURIAN

APPROVED BY:

E. FENUTA

SHEET TITLE

DOOR TYPES

SHEET NUMBER

G05-GAL-G0004

ISSUE

D

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, $F_s = 1.24$, $F_v = 1.55$ $1/(F_s(0.2) + 0.271)$ $R_s = 1.5$, $R_v = 1.3$ (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, GRADE 350W FOR W-SECTIONS. GRADE 300W FOR OTHERS. YIELD STRENGTH = 350 MPa MIN. |
| COLD-FORMED STEEL: | |
| 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 20F 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.
13. STRUCTURES HAVE BEEN DESIGNED CONSIDERING THE FOLLOWING CLIMATIC AND SEISMIC DATA:
- | WIND | SEISMIC | SNOW | RAIN |
|---------------|---|----------------------|--------------|
| q 1/50 = 0.47 | Sa(0.2) = 0.190
Sa(0.5) = 0.110
Sa(1.0) = 0.068
Sa(2.0) = 0.022
PGA = 0.076 | Ss = 1.2
Sr = 0.4 | ONE DAY = 92 |
14. THE STRUCTURE HAS BEEN DESIGNED FOR FUTURE EXPANSION AS SHOWN.
15. NO STRUCTURES HAVE BEEN DESIGNED FOR FUTURE EXPANSION.

CONCRETE:

1. THE DESIGN AND CONSTRUCTION OF ALL WORK ON THIS PROJECT SHALL CONFORM TO THE 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 | 15 MPa |
| - MUD SLAB | 15 MPa (EXPOSURE CLASS F-1) |
| - FOOTINGS | 35 MPa (EXPOSURE CLASS C-1) |
| - PIERS, WALLS & CURBS | 35 MPa (EXPOSURE CLASS C-1) |
| - SLABS ON GRADE (INTERIOR) | 32 MPa (EXPOSURE CLASS N-CF) |
| - SLABS ON GRADE (EXTERIOR) | 35 MPa (EXPOSURE CLASS C-1) |
| - EXTERIOR APRONS..... | 35 MPa (EXPOSURE CLASS C-1) |
3. MINIMUM CONCRETE COVER TO REINFORCING BARS:

CONCRETE CLEAR COVER (CSA A23.1			
EXPOSURE CONDITION	EXPOSURE CLASS		
	N	F-1	C-1
CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH, INCLUDING FOOTINGS AND PILES	75 mm	75 mm	75 mm
BEAMS, GIRDERS, COLUMNS AND PILES	30 mm (#1)	40 mm	60 mm
SLABS, WALLS, JOISTS, SHELLS AND FOLDED PLATES	20 mm (#1)	40 mm	60 mm
RATIO OF COVER TO NOMINAL BAR DIAMETER (#2)	1.0 (#1)	1.5	2.0
RATIO OF COVER TO NOMINAL MAXIMUM AGGREGATE SIZE	1.0 (#1 & #3)	1.5	2.0

NOTES:

- #1. THIS REFERS ONLY TO CONCRETE THAT WILL BE CONTINUALLY DRY WITHIN THE CONDITIONED 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 NOMINAL MAXIMUM AGGREGATE SIZE TO REDUCE INTERFERENCE BETWEEN AGGREGATE AND 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 WHICH 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 ACCORDANCE WITH APPLICABLE EDITION OF CSA-A23.1.
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).

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.
3. 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.
7. 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:


1. 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.
2. 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.
3. SPAN DECK UNITS OVER FOUR OR MORE STRUCTURAL SUPPORTS (MINIMUM 3 CONTINUOUS SPANS) FOR INCREASED RIGIDITY.
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
8. 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.

MASONRY:

1. 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.
2. 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 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 OR OTHER SUPPORTING STRUCTURE, FOR ALL VERTICAL WALL REINF. (TYP. UN).
3. FOR HIGH-LIFT GROUTING, PROVIDE CLEAN-OUT HOLES IN BOTTOM COURSE AND MINIMUM SLUMP OF 200 mm.
4. MASONRY GROUT SHALL BE FINE GROUT, AND SHALL BE PROPORTIONED ACCORDING TO, AND MEET ALL REQUIREMENTS OF APPLICABLE EDITION OF CSA-A179.
5. PROVIDE CONTINUOUS, HORIZONTAL, STANDARD LADDER-TYPE HORIZONTAL JOINT 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.
6. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION OF ALL MASONRY WALLS.
7. 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.
8. PROVIDE VERTICAL REINFORCING AT EACH LATERAL SUPPORT LOCATION (SEE BLD. SPECIFIC DRW.)
9. LAP ALL 15M BARS 675 mm MINIMUM. LAP ALL 20M BARS 850 mm MINIMUM.
10. 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.
11. 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.
12. MORTAR SHALL BE TYPE :S: PREPARED BY PROPORTION SPECIFICATION IN ACCORDANCE WITH CAN/CSA-A179.
13. HOLLOW CONCRETE BLOCK MASONRY WITH MORTAR TYPE "S" SHALL HAVE A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF 12.5 MPa - f_m.
14. ALL INTERSECTING MASONRY WALLS TO HAVE MASONRY BOND OR HEAVY DUTY (BLOCK-LOCK) OR EQUIVALENT AT 200mm VERTICALLY MAXIMUM.
15. 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.
16. CONCRETE AND STEEL BEAMS BEARING ON MASONRY WALLS SHALL HAVE A MINIMUM BEARING OF 200mm UNLESS OTHERWISE NOTED ON PLAN.
17. 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.
18. 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.
19. 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 |

CLIENT

CITY OF TORONTO



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

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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	2022-12-09
E	ISSUED FOR TENDER	2025-04-11

CONSULTANTS

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

PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

DRAWN BY:
G. POULOU

CHECKED BY:
M. FAYAZI

PROJECT MGR:
N. FRISCI

APPROVED BY:
K. ANGER

SHEET TITLE

STRUCTURAL - GENERAL
NOTES

SHEET NUMBER

G05-GAL-G2000

ISSUE

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.

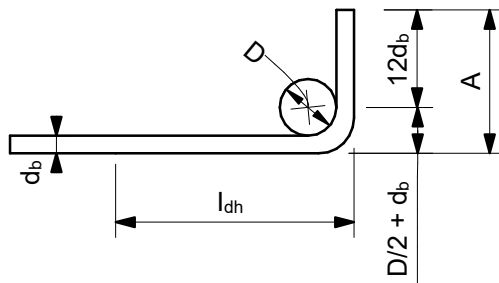
		fc' = 35MPa		fy = 400MPa			
BAR SIZE	TENSION STEEL				COMPRESSION STEEL		
	HORIZONTAL TOP BARS*		ALL OTHER BARS**				
		DEVELOPMENT	SPLICES	DEVELOPMENT	SPLICES	DEVELOPMENT	LAP SPLICES
(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	
10	360	470	280	370	200	330	
15	510	670	390	510	290	470	
20	620	810	480	630	350	590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

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

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

STANDARD 90° HOOK DIMENSION

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



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

STRUCTURAL STEEL:

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

ABBREVIATIONS:

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

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Project Management Office
Metro Hall Toronto, ON
M5V 3C6

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B	90% SUBMISSION	2022-07-29
C	ISSUED FOR PERMIT	2022-07-29
D	ISSUED FOR TENDER	2022-12-09
E	ISSUED FOR TENDER	2025-04-11

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

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PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

DRAWN BY:
G. POULOU

CHECKED BY:
M. FAYAZI

PROJECT MGR:
N. FRISIC

APPROVED BY:
K. ANGER

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

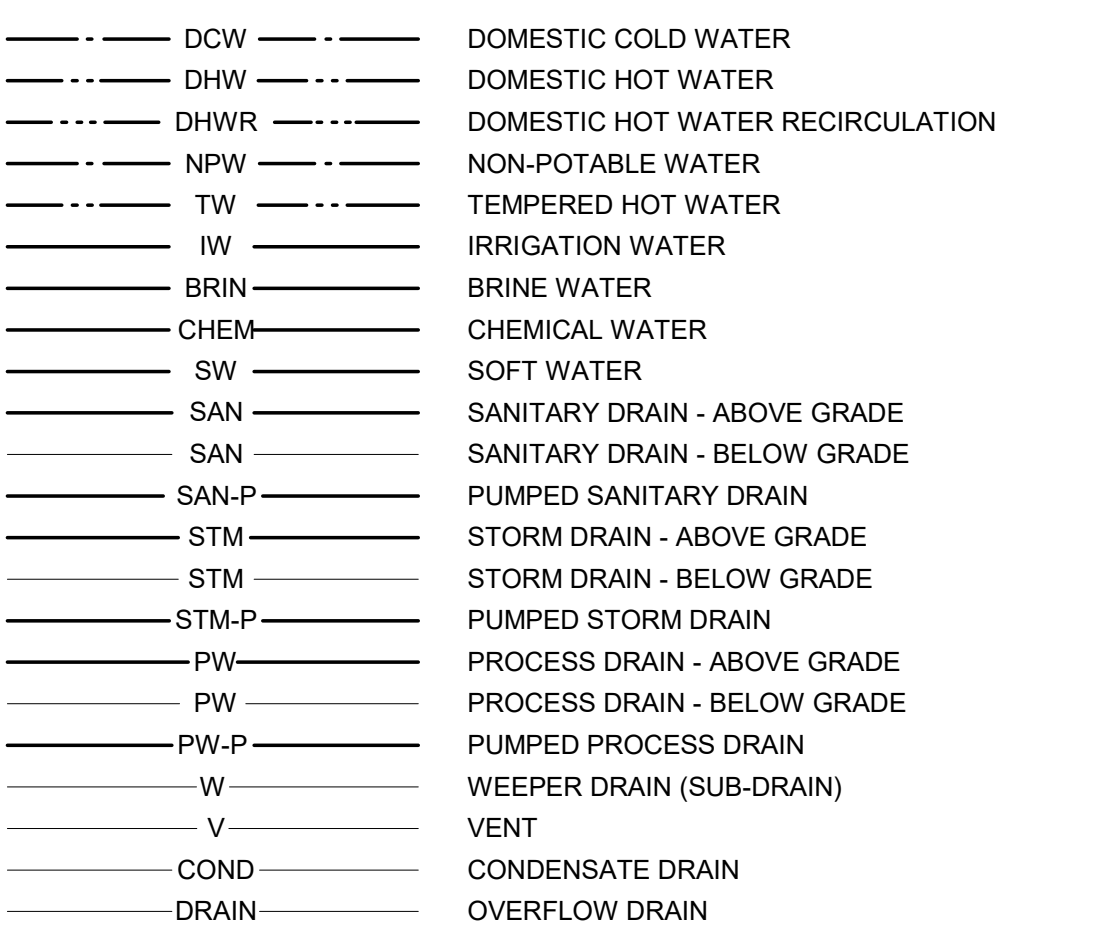
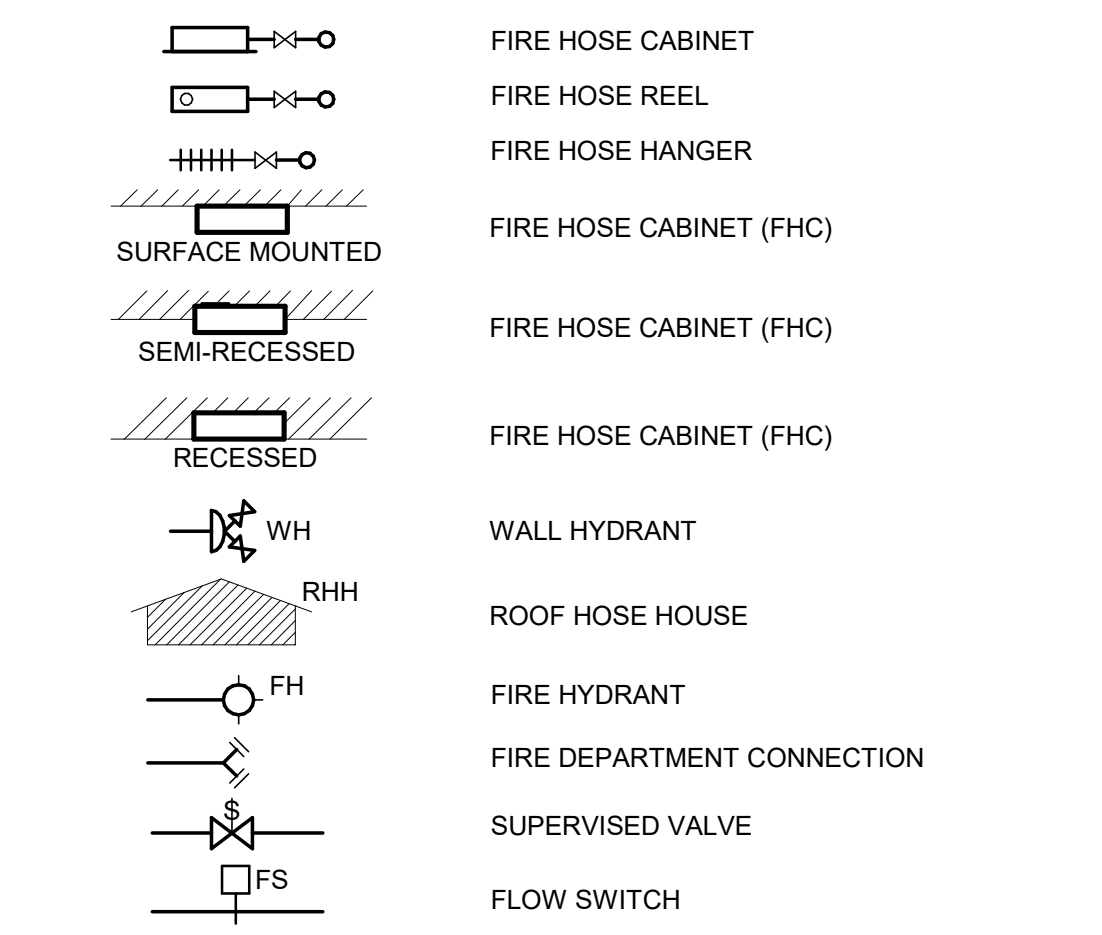
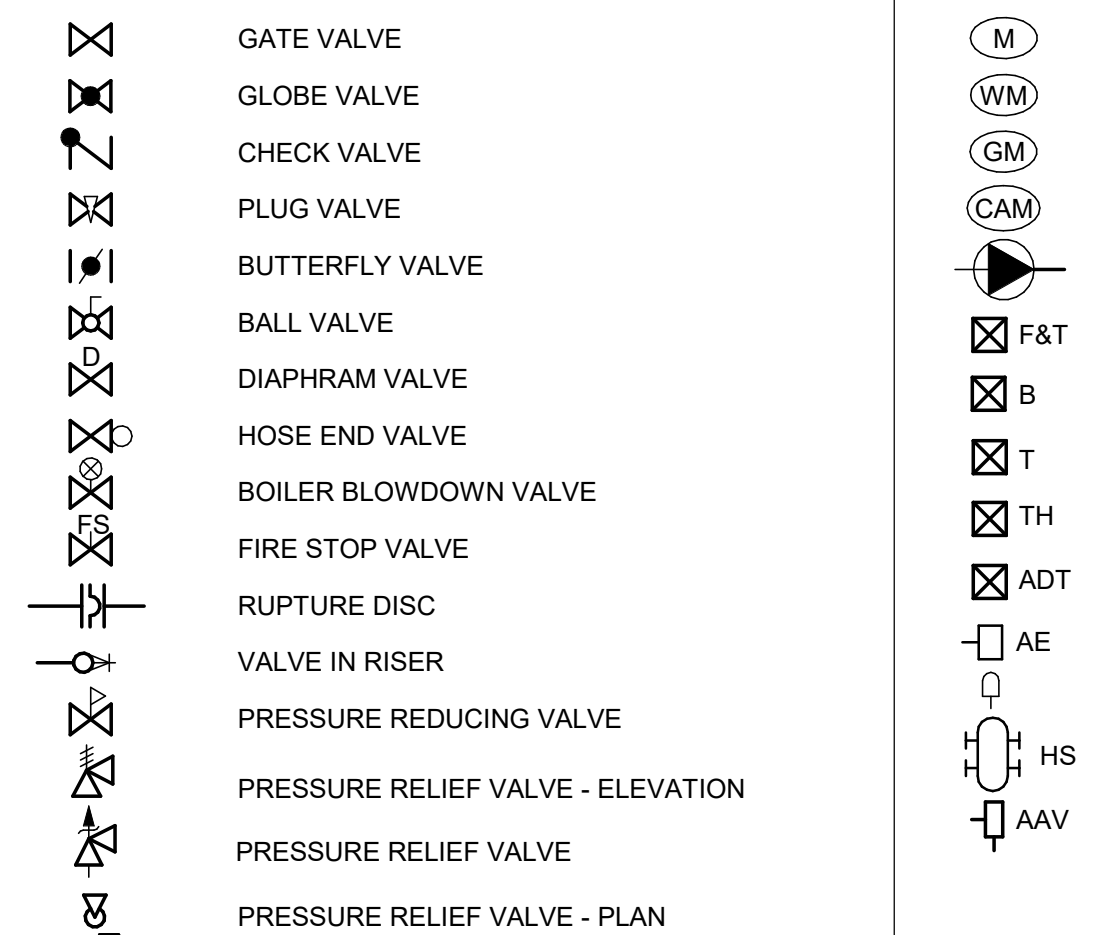
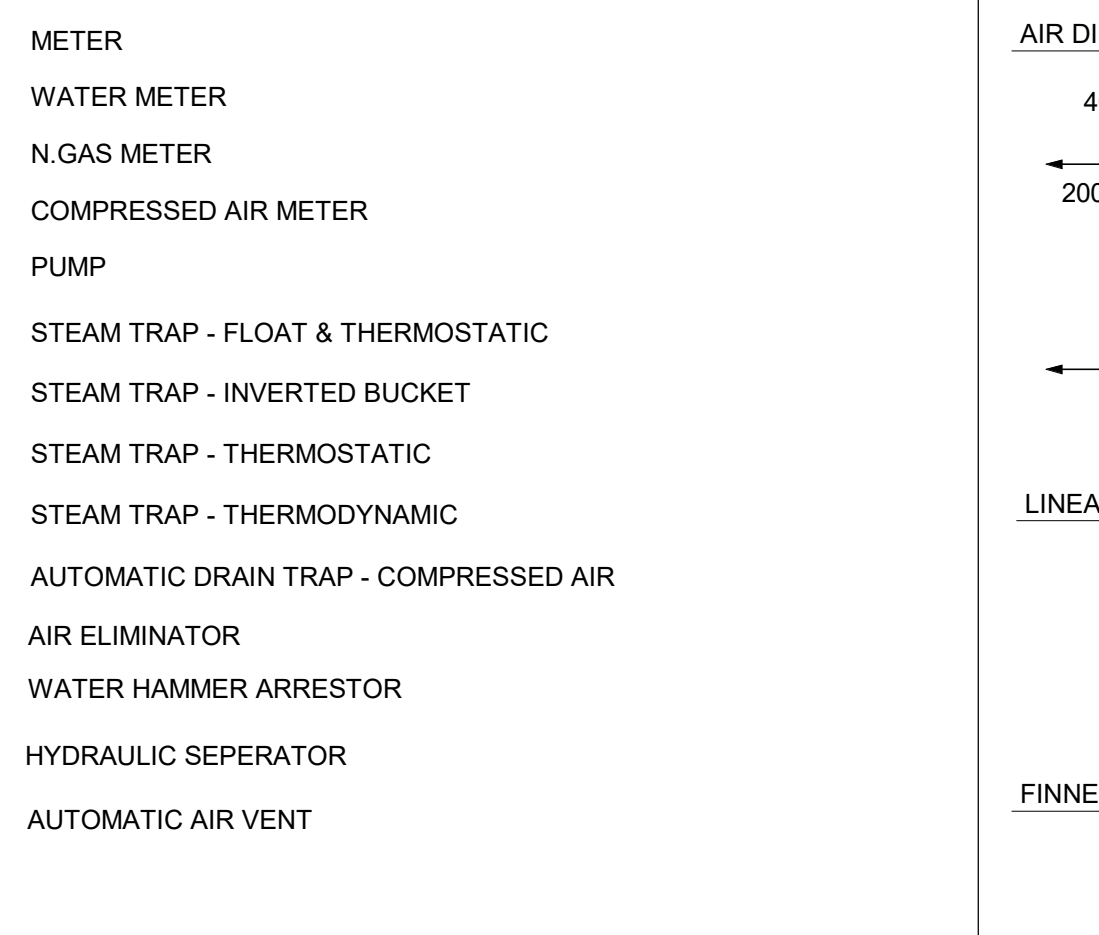
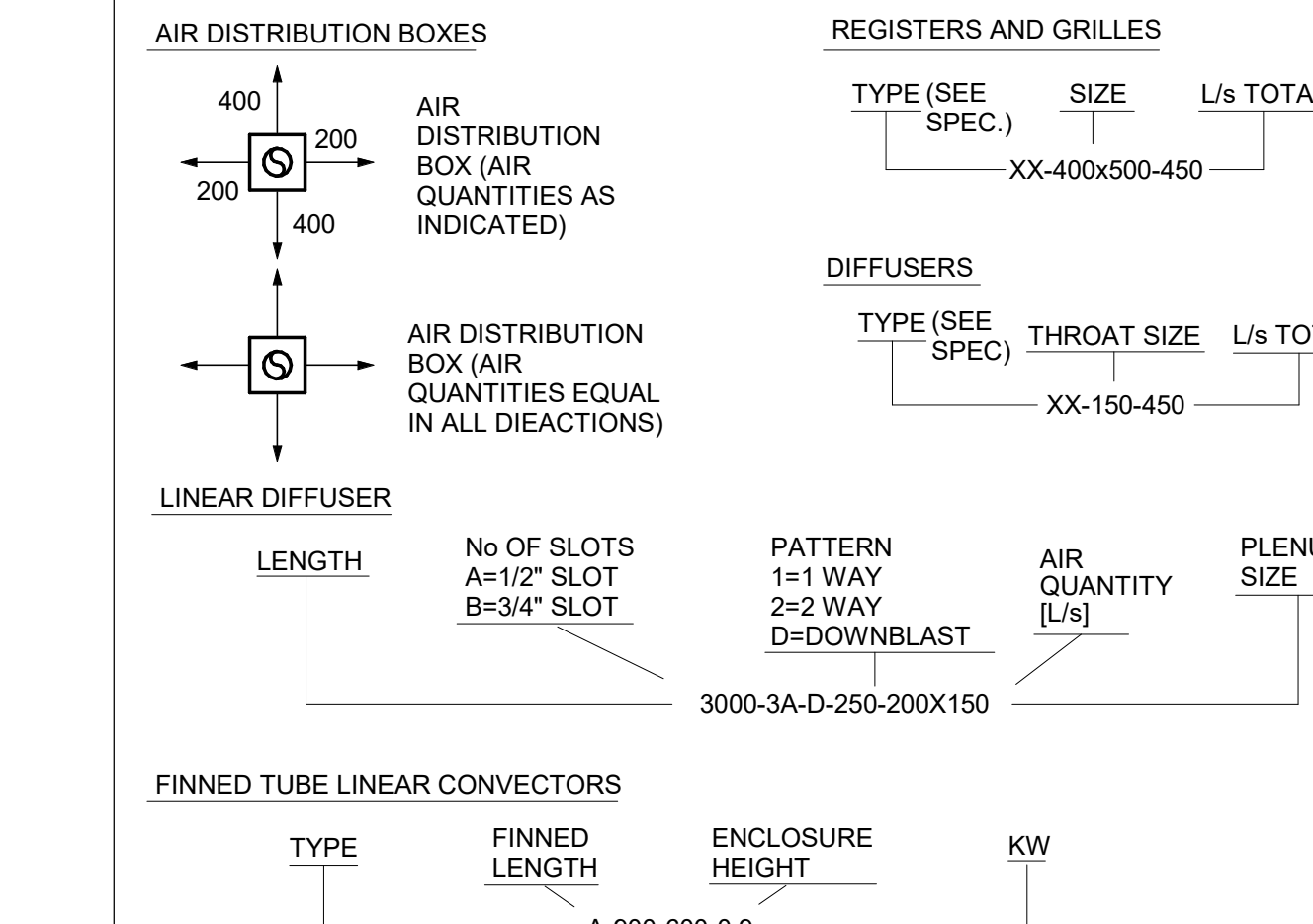
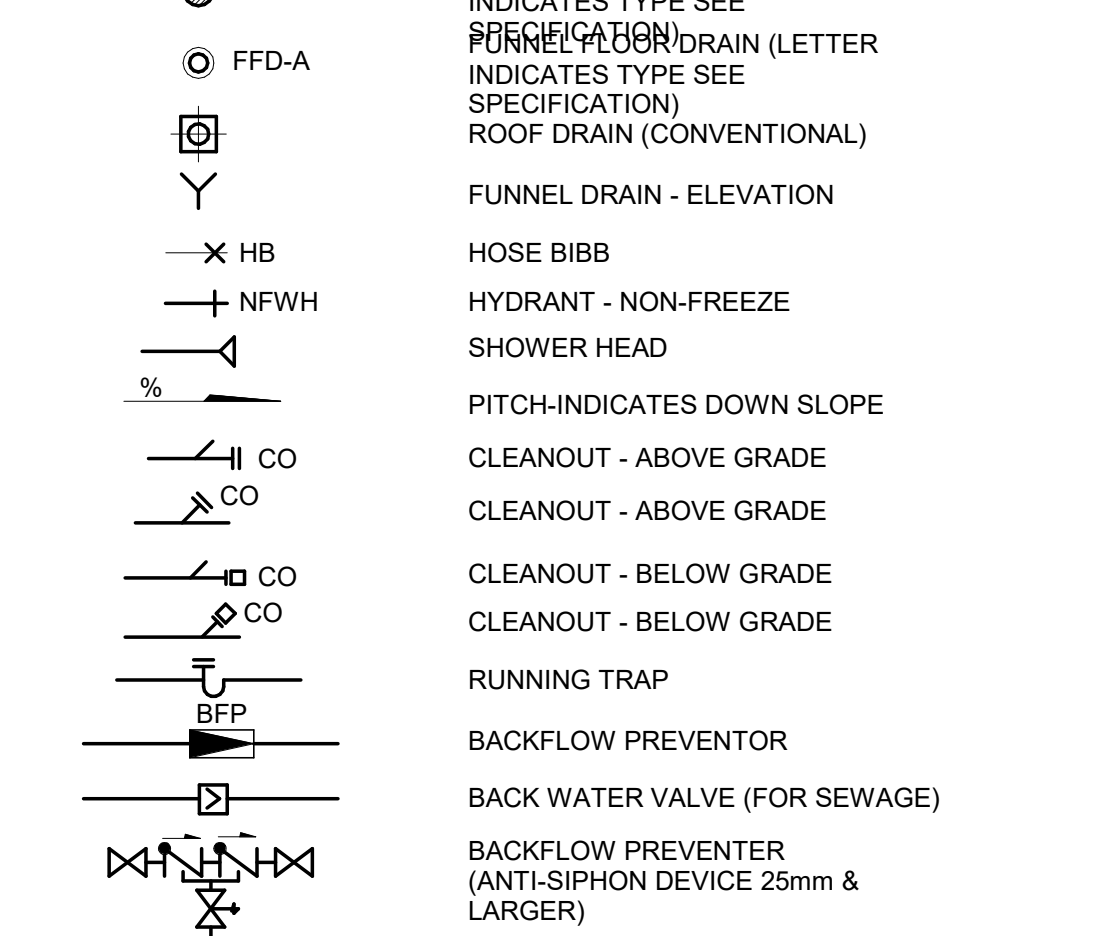
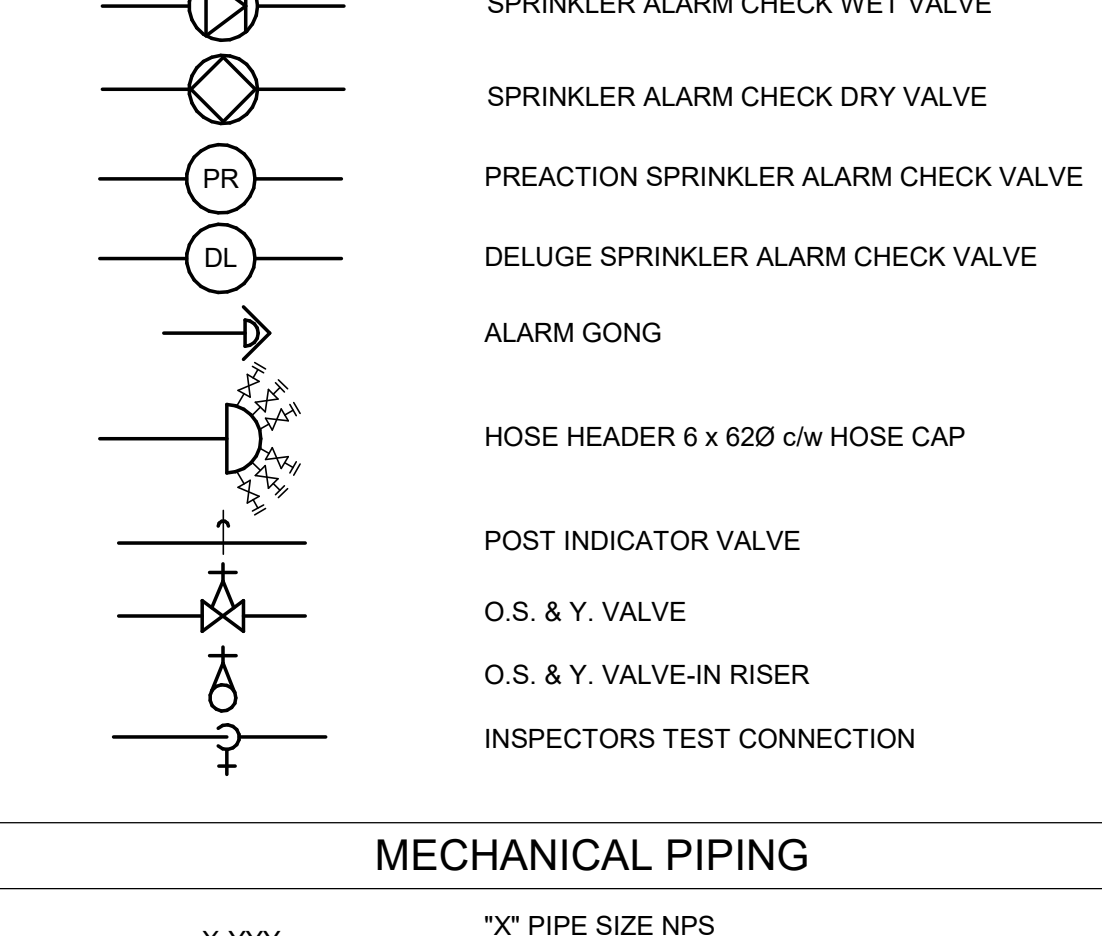
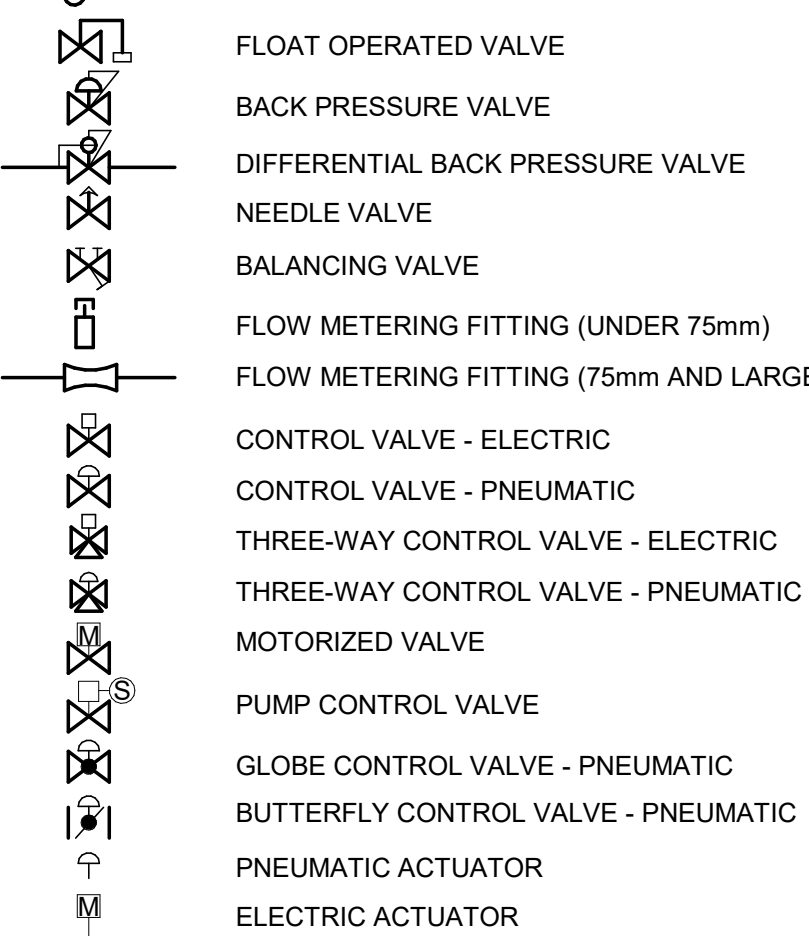
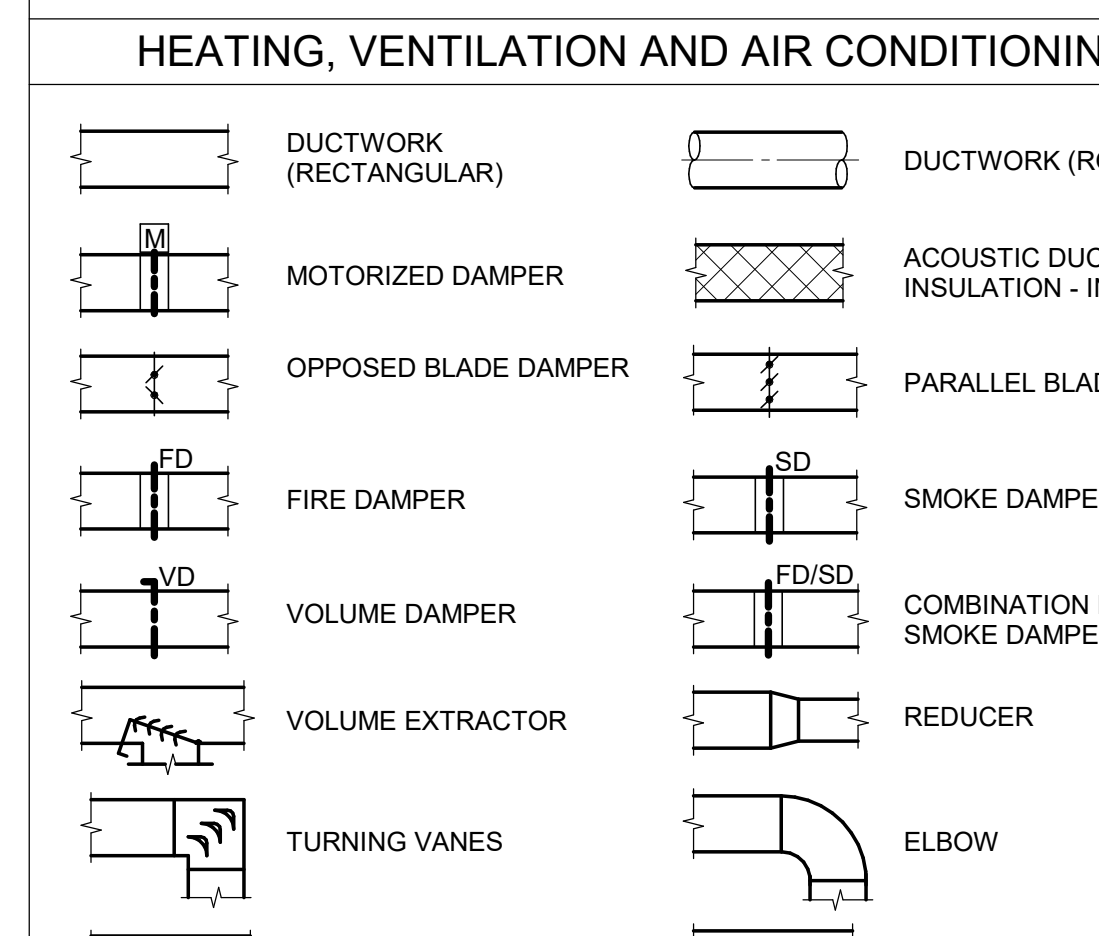
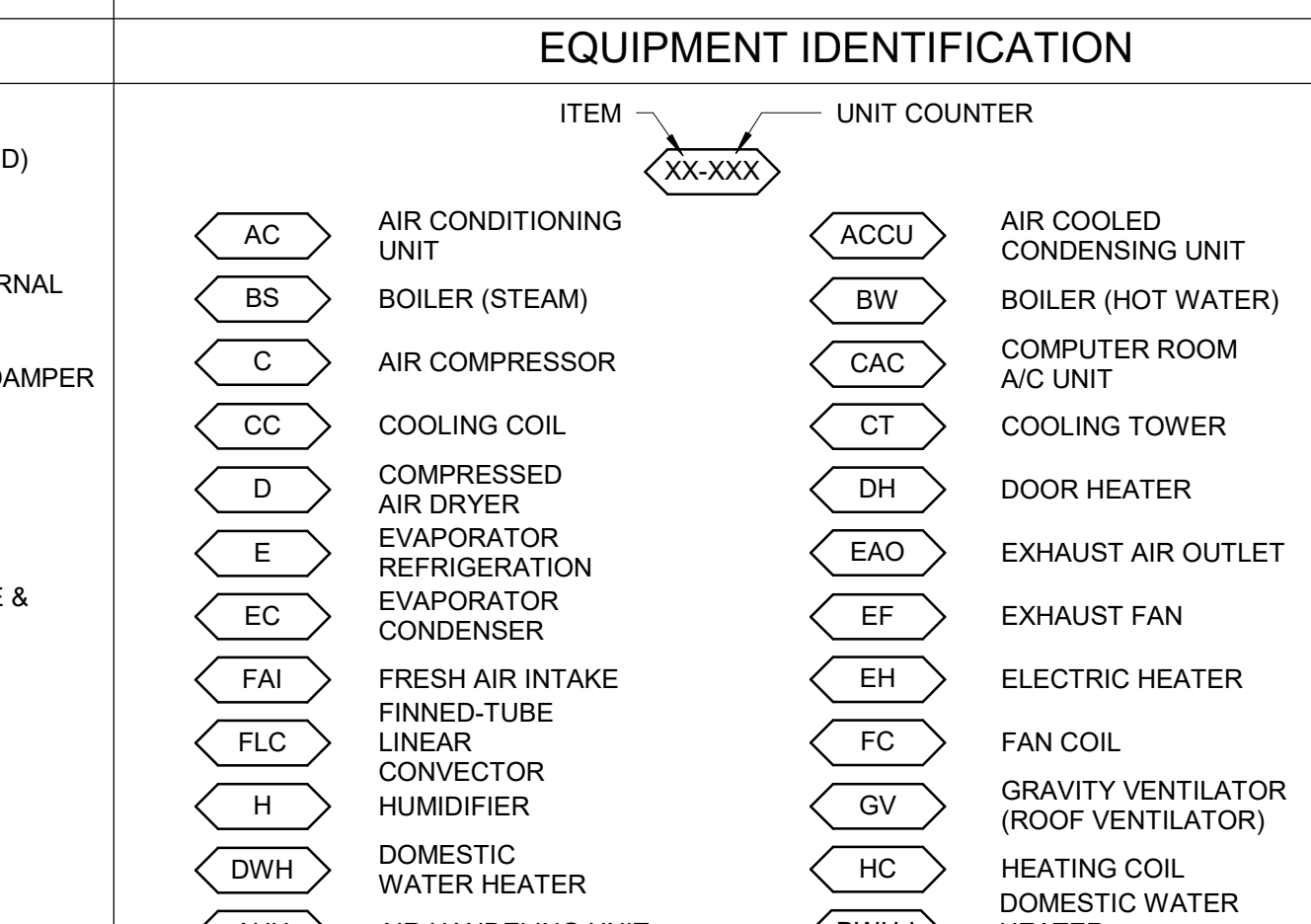
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E

MECHANICAL LEGEND AND SYMBOLS

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

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

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

XX - YYYY

POINT FUNCTION ABBREVIATION
POINT TYPE

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

e.g. DO - ESS

START / STOP
EQUIPMENT
DIGITAL OUTPUT

GENERAL NOTES

- FOR ROOF OPENING AND ROOF CURB DETAILS SEE ARCHITECTURAL DRAWINGS.
- ALL FRESH AIR OR EXHAUST AIR LOUVRES IN BUILDING WALLS BY GENERAL TRADES UNLESS OTHERWISE NOTED. FOR DETAILS SEE ARCHITECTURAL DRAWINGS.
- ALL STORM COLLAR FLASHINGS BY MECHANICAL FOR DETAILS OF FLASHINGS SEE ARCHITECTURAL DRAWINGS.
- THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND MEASUREMENTS AT THE SITE AND REPORT TO THE OWNER'S REPRESENTATIVE ANY DISCREPANCIES OR UNSATISFACTORY CONDITIONS WHICH MAY ADVERSELY AFFECT THE PROPER COMPLETION OF THE WORK.
- DIMENSIONS SHOWN ARE FOR PREFERRED LOCATION AND GENERAL ARRANGEMENT OF MECHANICAL SYSTEMS. IT SHALL REMAIN THE CONTRACTORS RESPONSIBILITY TO ENSURE OVERALL COORDINATION OF HIS WORK WITH OTHER TRADES. SHOULD DEVIATION FROM LOCATIONS SHOWN ON DRAWINGS BECOME NECESSARY DUE TO CONFLICTS WITH OTHER TRADES OR LOCAL PROBLEMS THEY MUST BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO PROCEEDING WITH WORK.
- THIS IS THE STANDARD SHEET FORM NOT ALL ITEMS ARE ASSOCIATED WITH THIS PROJECT.
- ALL EXISTING SERVICES TO REMAIN UNLESS NOTED OTHERWISE.
- ALL SYSTEMS TO REMAIN FUNCTIONAL UNLESS PERMISSION FOR SHUTDOWN IS GRANTED BY THE OWNER.

GENERAL NOTES: PLUMBING & DRAINAGE

- ALL SANITARY DRAINS NPS 4 SIZE & LARGER SHALL SLOPE AT 1.0%. ALL SANITARY DRAINS NPS 3 & SMALLER SHALL SLOPE AT 2%.
- ALL PLUMBING, DRAINAGE & VENTING SHALL BE IN CONFORMANCE WITH PART 7 OF THE O.B.C. AND IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR.
- ALL VENTING AND TRAP SEAL PRIMER NOT SHOWN BUT REQUIRED, SHALL BE BY PLUMBING CONTRACTOR.
- ALL DOMESTIC COLD AND HOT WATER PIPING SHALL BE THERMALLY INSULATED.
- ALL ABOVE GROUND HORIZONTAL RAIN WATER LEADER AND STORM DRAIN SHALL BE THERMALLY INSULATED.

GENERAL NOTES: FIRE PROTECTION

- ALL MATERIAL SHALL BE UNDERWRITER'S LABORATORIES OF CANADA (ULC) LISTED AND SHALL COMPLY WITH THE OWNER'S INSURER'S STANDARDS AND REQUIREMENTS AND LOCAL AUTHORITIES HAVING JURISDICTION.
- FIRE PROTECTION CONTRACTOR TO COORDINATE ON SITE WITH OTHER TRADES BEFORE ANY WORK IS DONE. ANY SERVICE RELOCATION DUE TO INSUFFICIENT COORDINATION TO BE DONE AT NO EXTRA COST TO THE OWNER. BEFORE PROCEEDING WITH WORK, DUCTWORK, PIPING AND ELECTRICAL DRAWINGS TO BE STUDIED BY FIRE PROTECTION CONTRACTOR. SHOP DRAWINGS TO REFLECT COORDINATED ELEVATIONS.
- REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR SIZE AND LOCATION OF DUCTWORK, PIPING, AND LIGHTING FIXTURES, ETC.
- DETAILED FIRE PROTECTION DESIGN SHOP DRAWINGS TO BE STAMPED BY PROFESSIONAL ENGINEER LICENSED IN ONTARIO AND TO BE SUBMITTED TO CONSULTANT AND AUTHORITY HAVING JURISDICTION FOR REVIEW.
- PROVIDE TYPE ABC FIRE EXTINGUISHERS AS PER ONTARIO FIRE CODE. FINAL LOCATION TO BE COORDINATED ON FIELD.
- FIRE PROTECTION CONTRACTOR TO PROVIDE PIPE HANGERS AS PER NFPA 13.
- FIRE PROTECTION SYSTEM SHALL BE SUPPLIED AND INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF NFPA 13.
- CONTRACTOR TO CONDUCT FLOW TEST AND USE THE RESULTS FOR HYDRAULIC CALCULATIONS.
- HYDRAULIC CALCULATION SHALL START AT FIRE MAIN BUILDING CONNECTION. MAXIMUM SYSTEM PRESSURE TO BE 35KPA (5 PSI) LESS THAN THE PRESSURE TEST RESULT AT REQUIRED FLOW RATE, TO ACCOUNT FOR FUTURE FLUCTUATION IN WATER SUPPLY PRESSURE.
- PIPE DIMENSIONS TO BE DETERMINED BY THE RESULTS OF HYDRAULIC CALCULATION.
- SPRINKLER SYSTEMS TO BE HYDRAULICALLY DESIGNED TO DELIVER THE DENSITIES OVER THE MOST REMOTE AREA AS LISTED IN THE SCHEDULE.
- SPRINKLER COVERAGES INDICATED ARE TO BE CONFIRMED BY FIRE PROTECTION CONTRACTOR.
- PROVIDE SPRINKLER PROTECTION UNDER ALL PLATFORMS INCLUDING BUT NOT LIMITED TO CONVEYORS, STAIRS, CATWALKS, SHELVING PLATFORMS, OVERHEAD DOORS, MEZZANINES, DUCTS OR ANY OBSTRUCTIONS WIDER THAN 1200MM.
- SPRINKLER SHOWN ARE FOR COORDINATION PURPOSE ONLY. FINAL LOCATION OF THE SPRINKLERS TO BE DETERMINED BY FIRE PROTECTION CONTRACTOR BASED ON HYDRAULIC CALCULATIONS.
- USE UPRIGHT SPRINKLER IN SPACE WITHOUT CEILING.
- LOCATE SPRINKLER HEADS IN THE CENTRE OF CEILING TILES.
- SPRINKLER HEAD LOCATION TO BE COORDINATED WITH ARCHITECT PRIOR TO SHOP DRAWING PRODUCTION.
- PIPING AND SPRINKLER HEADS MARKED FOR DEMOLITION TO BE REMOVED AND DISPOSED OF FROM SITE UNLESS OTHERWISE NOTED.
- REFER TO EXISTING SHOP DRAWINGS.
- ALL EXISTING SPRINKLERS TO BE ADJUSTED TO SUIT NEW BUILDING LAYOUT IN ACCORDANCE WITH NFPA 13.
- PROVIDE FIRE WATCH DURING SHUT DOWN.

GENERAL NOTES: HVAC

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

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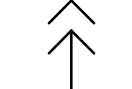


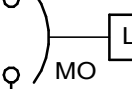
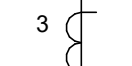

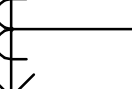

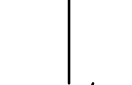


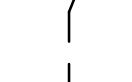
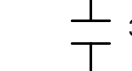
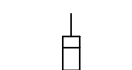
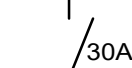


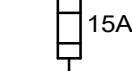

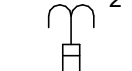


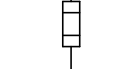



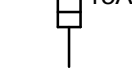
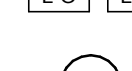


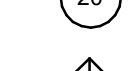
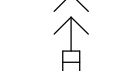
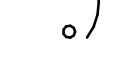

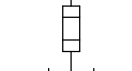

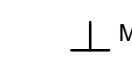
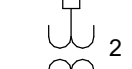
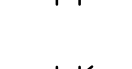

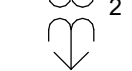
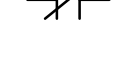
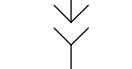

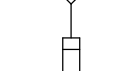
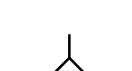
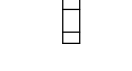


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SHEET TITLE
MECHANICAL LEGEND
SHEET 2 OF 2

SHEET NUMBER G05-GAL-G3002	ISSUE D
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PROJECT ADDRESS					
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DRAWN BY: V. MAC		CHECKED BY: M. BOJIC			
PROJECT MGR: F.BOLOURIAN		APPROVED BY: P. WILLIAMS			
SHEET TITLE ELECTRICAL LEGEND 1					
SHEET NUMBER G05-G4001		ISSUE D			

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PROJECT MGR: F.BOLOURIAN		APPROVED BY: P. WILLIAMS		
SHEET TITLE				
ELECTRICAL LEGEND 2				
SHEET NUMBER		ISSUE		
G05-G4002		D		

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION		ABBREVIATIONS		ABBREVIATIONS
	SINGLE LINE		DRAWOUT LOW VOLTAGE CIRCUIT BREAKER		METERING AND PROTECTION DEVICES	AFF	ABOVE FINISHED FLOOR	MCC	MOTOR CONTROL CENTRE
	POWER TRANSFORMER		LOW VOLTAGE DISCONNECT SWITCH (NUMBER DENOTES AMPERE RATING)		CONTROL TRANSFORMER	BIX	BIX TYPE PUNCH DOWN IDC TERMINATION	MCOV	MAXIMUM CIRCUIT OPERATING VOLTAGE
	TRANSFORMER		LOW VOLTAGE FUSED DISCONNECT SWITCH (NUMBER DENOTES AMPERE RATING)		CURRENT TRANSFORMER, NUMBERS DENOTE QUANTITY AND RATIO	BKR	CIRCUIT BREAKER	MECH	MECHANICAL
	LOW VOLTAGE DISCONNECT SWITCH (NUMBER DENOTES AMPERE RATING)		FUSE (NUMBER DENOTES AMPERE RATING)		ZERO SEQUENCE CURRENT TRANSFORMER	BLDG	BUILDING	mm	MILLIMETER
	LOW VOLTAGE FUSED DISCONNECT SWITCH (NUMBER DENOTES AMPERE RATING)		CIRCUIT BREAKER		FIXED FUSE AND FIXED POTENTIAL TRANSFORMER (PT) NUMBER DENOTES QUANTITY	BLR	BOILER	mmC	TRADE SIZE CONDUIT IN MILLIMETERS
	NORMALLY OPEN CONTACTS		GENERATOR		WITHDRAWABLE FUSE AND WITHDRAWABLE POTENTIAL TRANSFORMER (PT) NUMBER DENOTES QUANTITY	BOT	BOTTOM OF TRAY	MO	MANUALLY OPERATED
	NORMALLY CLOSED CONTACTS		POWER FACTOR CORRECTION CAPACITOR		WITHDRAWABLE FUSE AND WITHDRAWABLE POTENTIAL TRANSFORMER (PT) NUMBER DENOTES QUANTITY	BR	BRIDGE	MW	MICROWAVE
	RELAY COIL		KEY INTERLOCKS		WITHDRAWABLE FUSE AND WITHDRAWABLE POTENTIAL TRANSFORMER (PT) NUMBER DENOTES QUANTITY	CC	CONCENTRATOR COMPLEX	MTD	MOUNTED
	DRAWOUT OR PLUG-IN CONNECTION		MOTOR - NUMBER DENOTES SIZE (HP)		WITHDRAWABLE FUSE AND WITHDRAWABLE POTENTIAL TRANSFORMER (PT) NUMBER DENOTES QUANTITY	CD	CANDELA	NC	NORMALLY CLOSED
	MEDIUM VOLTAGE LOAD INTERRUPTER SWITCH - NUMBER DENOTES SWITCH RATING		NEON LIGHT VOLTAGE INDICATOR		WITHDRAWABLE FUSE AND WITHDRAWABLE POTENTIAL TRANSFORMER (PT) NUMBER DENOTES QUANTITY	CP	CONTROL PANEL	NGR	NEUTRAL GROUNDING RESISTOR
	GROUND CONNECTION		MANUAL MOTOR STARTER		WITHDRAWABLE FUSE AND WITHDRAWABLE POTENTIAL TRANSFORMER (PT) NUMBER DENOTES QUANTITY	CTL	CONTROL	NIC	NOT IN CONTRACT
	LIGHTNING ARRESTER OR SURGE DIVERTER NUMBER DENOTES QUANTITY		MAGNETIC MOTOR STARTER		WITHDRAWABLE FUSE AND WITHDRAWABLE POTENTIAL TRANSFORMER (PT) NUMBER DENOTES QUANTITY	CW	COMPLETE WITH	NO	NORMALLY OPEN
	STRESS CONE		TWO-SPEED MAGNETIC MOTOR STARTER		WITHDRAWABLE FUSE AND WITHDRAWABLE POTENTIAL TRANSFORMER (PT) NUMBER DENOTES QUANTITY	CAT6	CATEGORY 6 CABLE	O/H	OVER HEAD
	DELTA/WYE TRANSFORMER CONNECTION WITH WYE POINT RESISTANCE GROUND		SURGE SUPPRESSOR		WITHDRAWABLE FUSE AND WITHDRAWABLE POTENTIAL TRANSFORMER (PT) NUMBER DENOTES QUANTITY	COMMS	COMMUNICATIONS	OC	ON CENTRE
	DELTA/WYE TRANSFORMER CONNECTION WITH WYE POINT GROUNDED				WITHDRAWABLE FUSE AND WITHDRAWABLE POTENTIAL TRANSFORMER (PT) NUMBER DENOTES QUANTITY	CP	CONTROL PANEL	OESC	ONTARIO ELECTRICAL SAFETY CODE
	WYE/WYE TRANSFORMER CONNECTION				WITHDRAWABLE FUSE AND WITHDRAWABLE POTENTIAL TRANSFORMER (PT) NUMBER DENOTES QUANTITY	DISC	DISCONNECT	OVP	OVER VOLTAGE PROTECTION
	DELTA/DELTA TRANSFORMER CONNECTION				WITHDRAWABLE FUSE AND WITHDRAWABLE POTENTIAL TRANSFORMER (PT) NUMBER DENOTES QUANTITY	DIV	DIVISION	PLATF	PLATFORM
	AUTOMATIC TRANSFER SWITCH				WITHDRAWABLE FUSE AND WITHDRAWABLE POTENTIAL TRANSFORMER (PT) NUMBER DENOTES QUANTITY	DSP	GROUND FAULT PROTECTION SYSTEM	PPT	PATCH PANEL TERMINATION
SYMBOLS AND LEGEND AS APPLICABLE		SYMBOLS AND LEGEND AS APPLICABLE		SYMBOLS AND LEGEND AS APPLICABLE			ABBREVIATIONS		ABBREVIATIONS
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MOUNTING HEIGHTS SCHEDULE		
MOUNTING HEIGHTS TO TOP OF DEVICE.		
ALL DIMENSIONS ARE ABOVE FINISHED FLOOR (AFF) UNLESS NOTED OTHERWISE.		
LIGHT SWITCH		1050mm
RECEPTACLE - FINISHED AREAS		460mm
RECEPTACLE - UNFINISHED AREAS		1050mm
RECEPTACLE - ABOVE COUNTER		300mm
DATA OUTLET - FINISHED AREA		460mm
DATA OUTLET - UNFINISHED AREA		1050mm
FIRE ALARM MANUAL PULL STATION		1200mm
FIRE ALARM HORN/STROBE		2460mm
FIRE ALARM STROBE		2460mm
FIRE ALARM END OF LINE DEVICE		1500mm
FIRE ALARM HEAT DETECTOR		CEILING
FIRE ALARM SMOKE DETECTOR		CEILING
FIRE ALARM REMOTE ANNUNCIATOR		2000mm
PANEL		2000mm
CONTROL PANEL		2000mm
MOTOR STARTER		1800mm
DISCONNECT SWITCH		1800mm
PUSH BUTTON STATION		1050mm
DOOR ACCESS CONTROL CARD READER		1050mm
VIDEO INTERCOM		AS PER MANUF. INSTRUCTION
DOOR BY-PASS KEYED SWITCH		1050mm
BATTERY OPERATED EMERGENCY LIGHT		2700mm
EMERGENCY LIGHT BATTERY UNIT		2700mm
THERMOSTAT		1200mm
MOUNTING HEIGHTS AS APPLICABLE		

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

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PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

DRAWN BY: V. MAC	CHECKED BY: M. BOJIC
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PROJECT MGR: F. BOLOURIAN	APPROVED BY: P. WILLIAMS
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SHEET TITLE
ELECTRICAL GENERAL
NOTES

SHEET NUMBER
G05-G4002

SSUE

CITY OF TORONTO

ACCESSIBILITY UPGRADES

TYPICAL DETAILS BOOKLET

9119- 19- 0162 / Arcadis 30279056

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D1002	DOOR ENLARGEMENT
D1201	ACCESSIBLE WASHROOM, SHOWER & ACCESSORIES DETAILS
D1202	UNIVERSAL WASHROOM & SHOWER PLANS
D1203	UNIVERSAL WASHROOM ELEVATIONS
D1204	MULTI-STALL WASHROOM PLANS
D1205	UW - EMERGENCY CALL SYSTEM
D1301	KITCHEN MILLWORK PLANS & ELEVATIONS
D1302	KITCHEN MILLWORK DETAIL SECTIONS
D1303	KITCHEN HOOD VENT DETAIL
D1305	RECEPTION DESK MILLWORK PLANS & ELEVATIONS
D1306	RECEPTION DESK WITH TEMPERED GLASS DETAIL SECTIONS
D1401	STAIR DETAILS - 01
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D1405	TACTILE DETAILS
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D1601	ELEVATOR DETAILS
D1602	ELEVATOR CONTROL & INTERIOR CABIN DETAILS
D1701	ACCESSIBLE PARKING AND SITE MARKING DETAILS
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D1801	PHASING / HOARDING DETAILS

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D2100	CONCRETE - TYPICAL DETAIL
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D2300	MASONRY DETAILS

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D3201	PLUMBING DETAILS
D3301	DRAINAGE DETAILS
D3401	FIRE PROTECTION DETAILS
D3501	HVAC DETAILS
D3601	PIPING DETAILS SHEET 1 OF 2
D3602	PIPING DETAILS SHEET 2 OF 2

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

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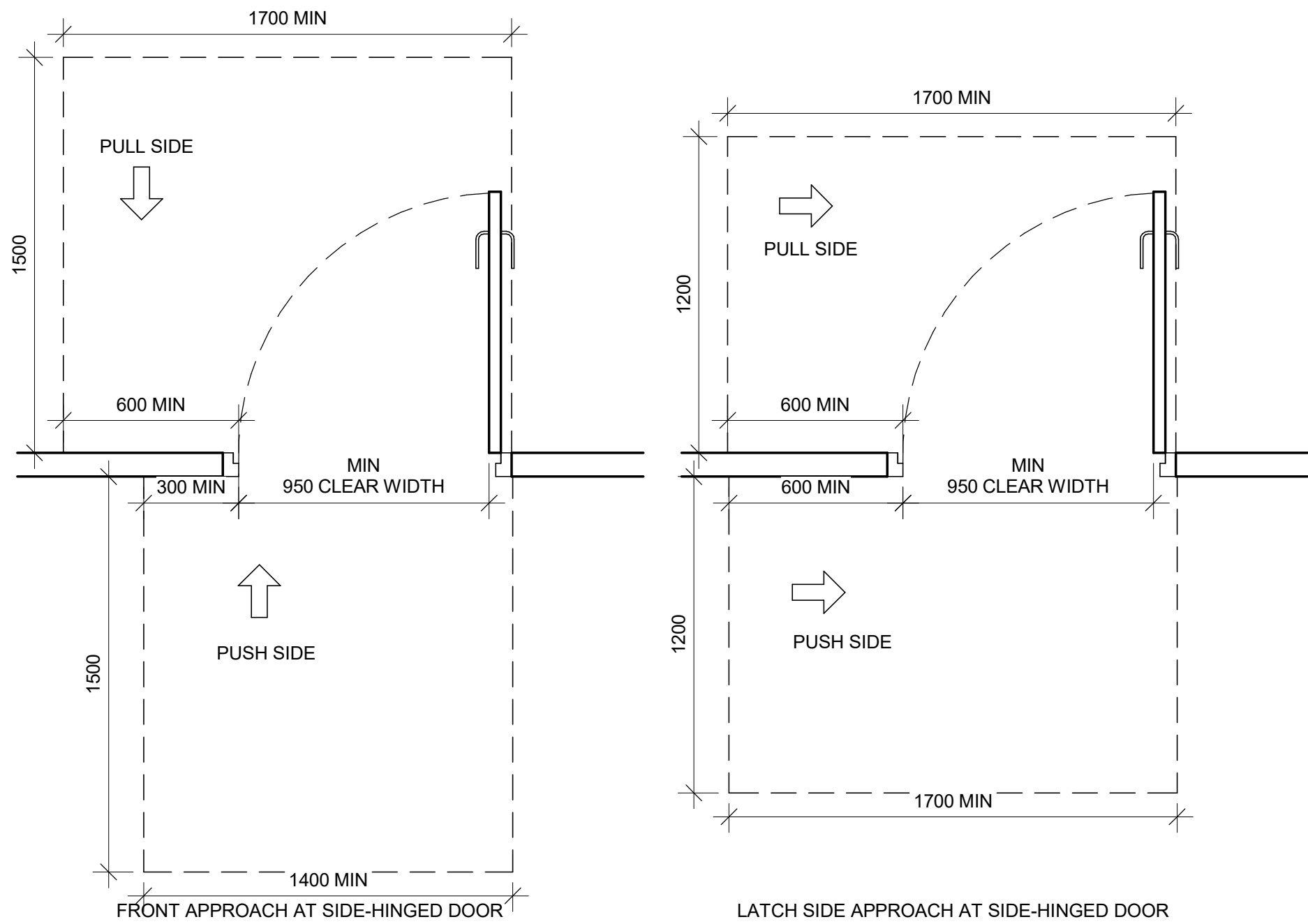
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SHEET NUMBER	ISSUE
D1000	A

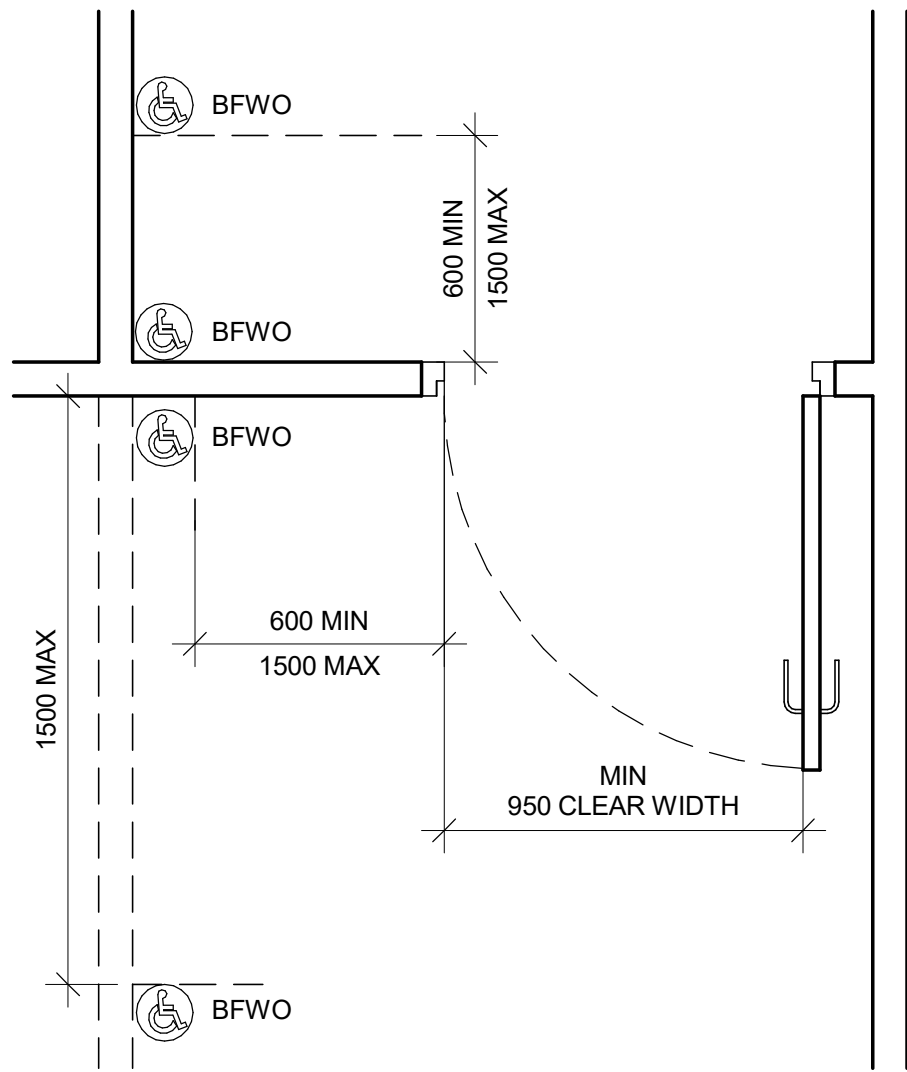
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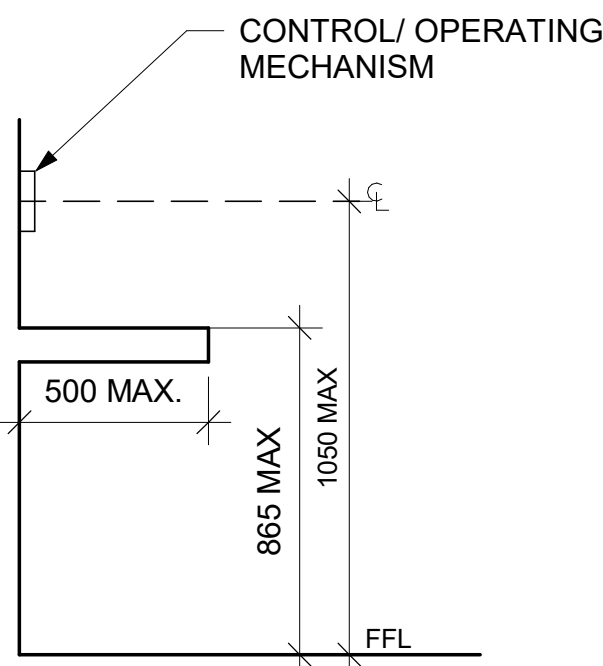
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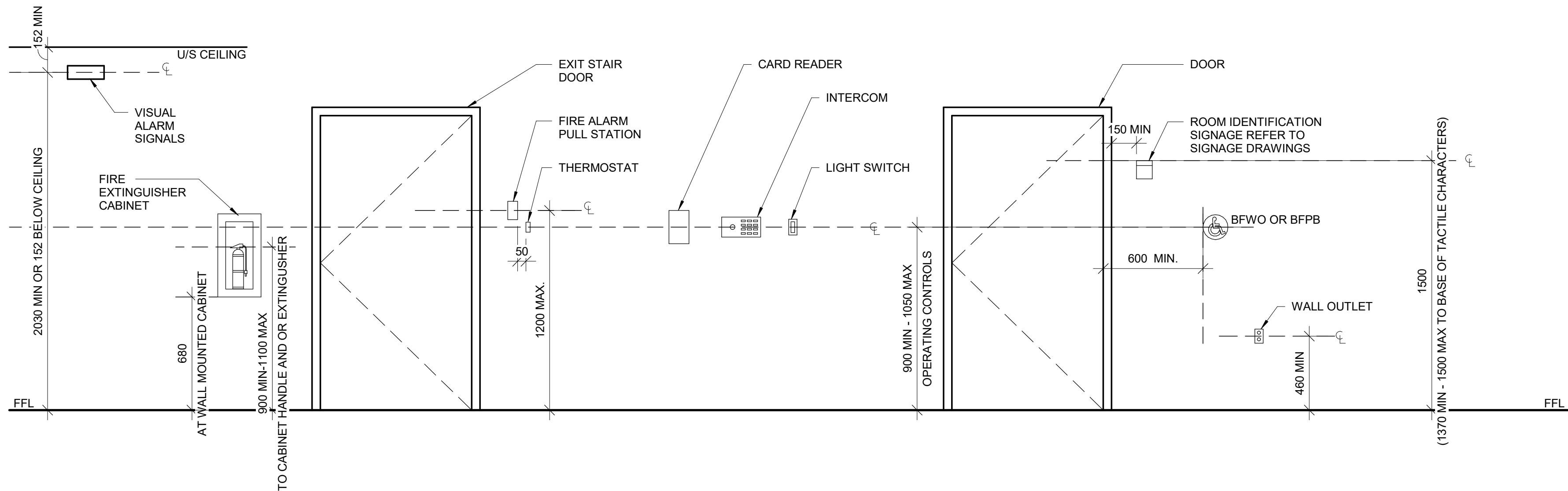
2 DOOR APPROACH CLEARANCES
D1001 Scale: 1 : 20



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



4 CONTROL HEIGHTS AT OBSTRUCTIONS
D1001 Scale: 1 : 20



5 MOUNTING HEIGHTS
D1001 Scale: 1 : 20

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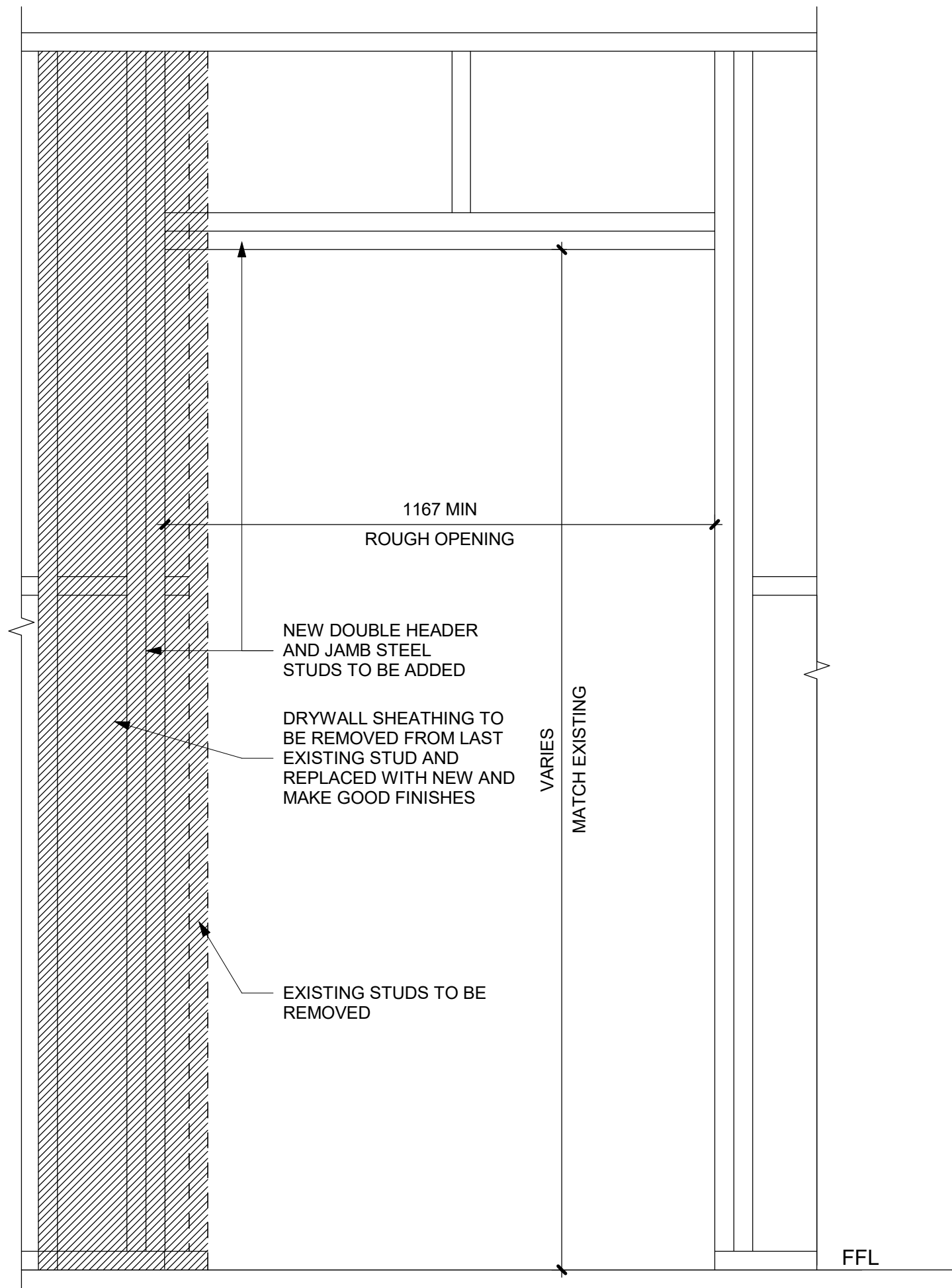
PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

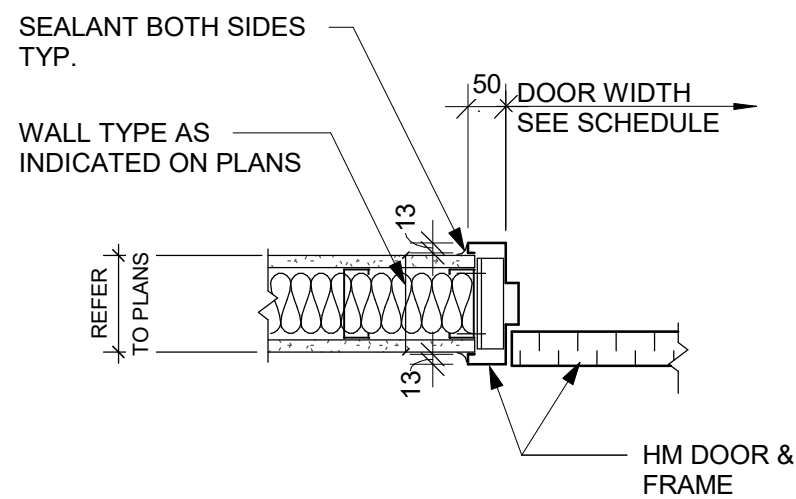
PROJECT NO:
9119- 19- 0162 / Arcadis 30279056
DRAWN BY:
A. BOYNARIAN
CHECKED BY:
L. BANDIERA
PROJECT MGR:
F. BOLOURIAN
APPROVED BY:
E. FENUTA

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

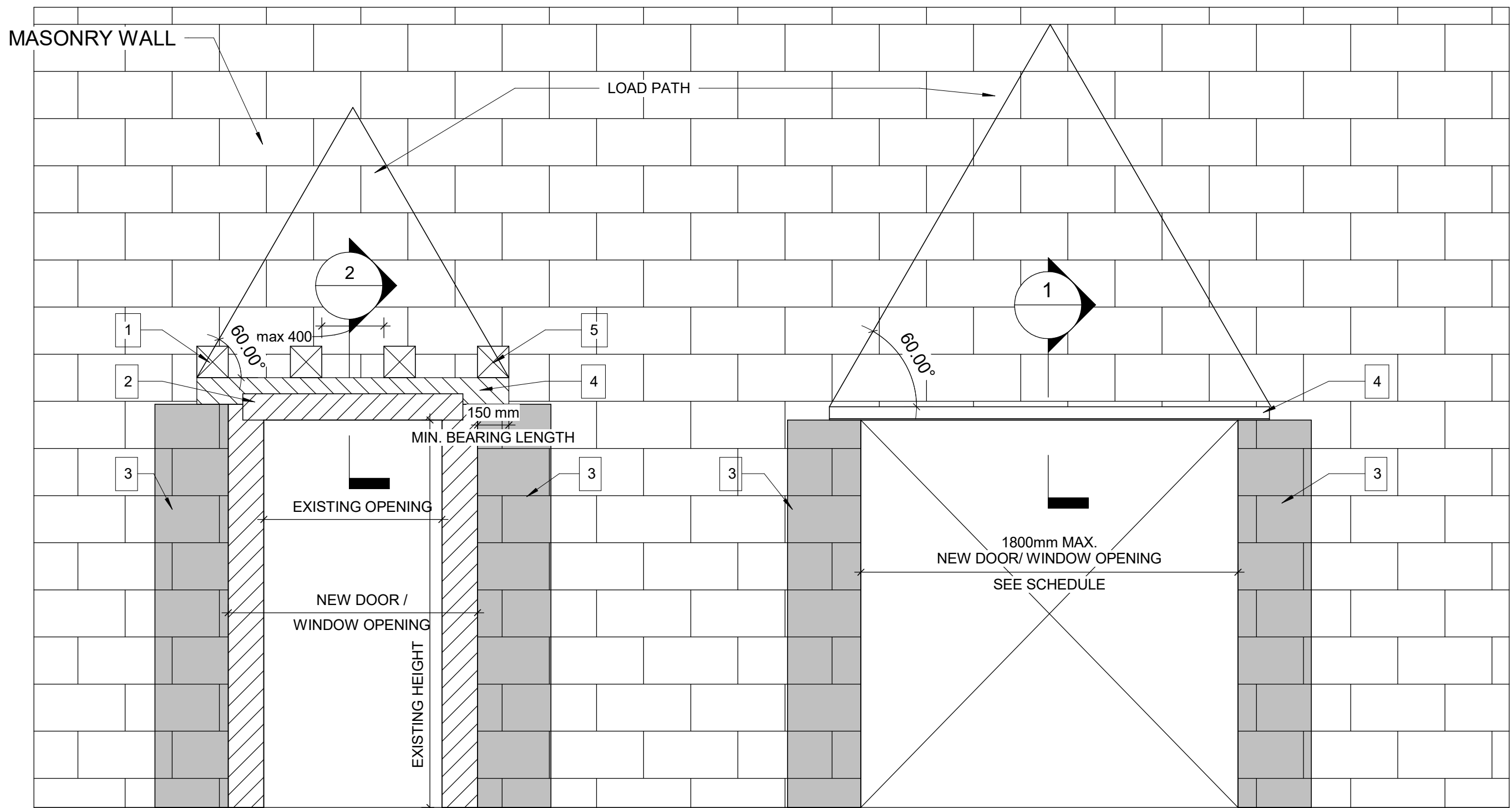
SHEET NUMBER
D1001
ISSUE
A



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



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



WIDENING AN EXISTING OPENING
IN EXISTING MASONRY WALL TYP.

PROPOSED SEQUENCE OF WORK

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

3 WIDENING WALL OPENING
D1002 Scale: 1 : 20

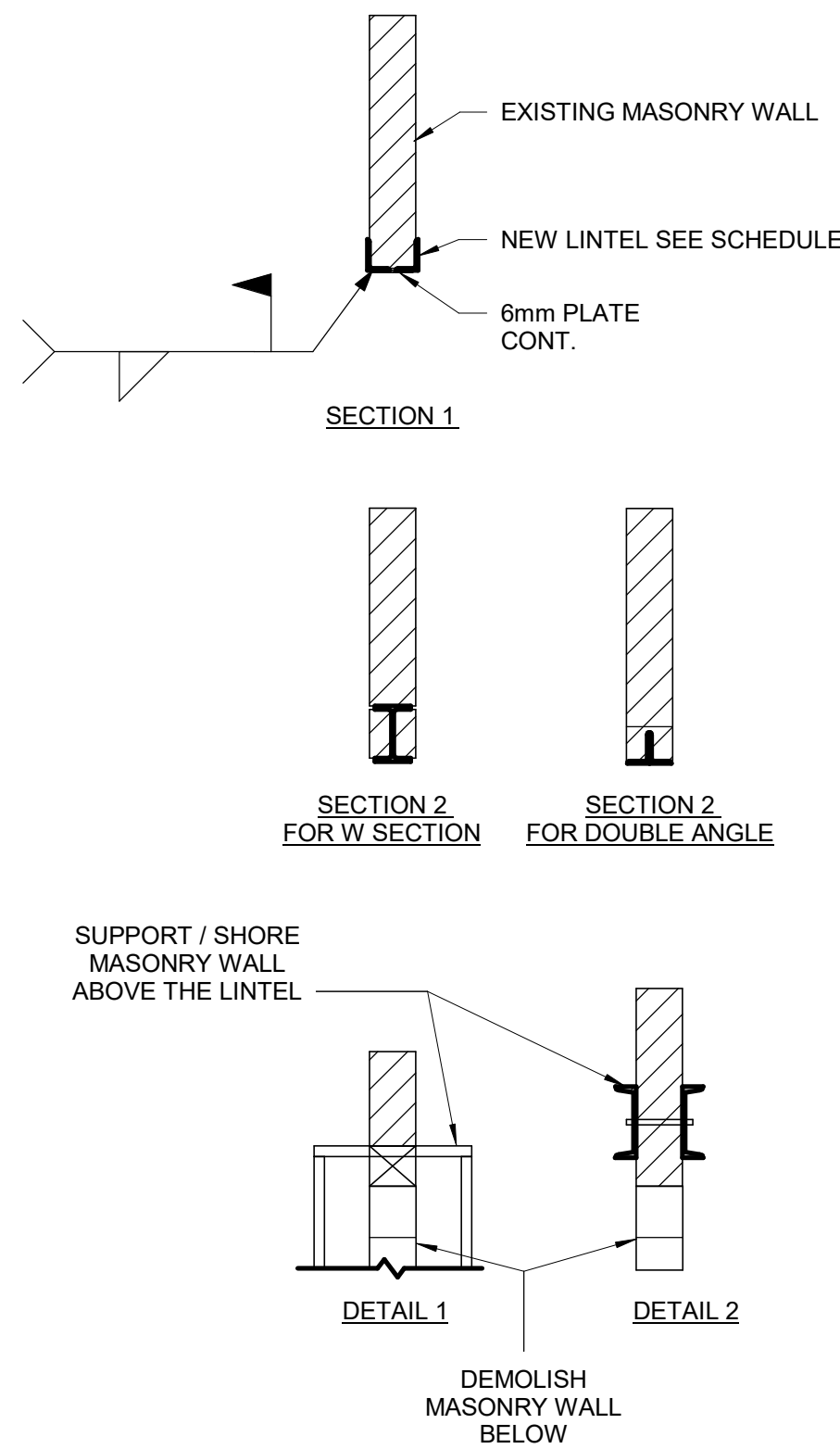
NEW DOOR/WINDOW OPENING
INTO EXISTING MASONRY WALL TYP.

LINTEL:

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

STEEL LINTELS

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



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

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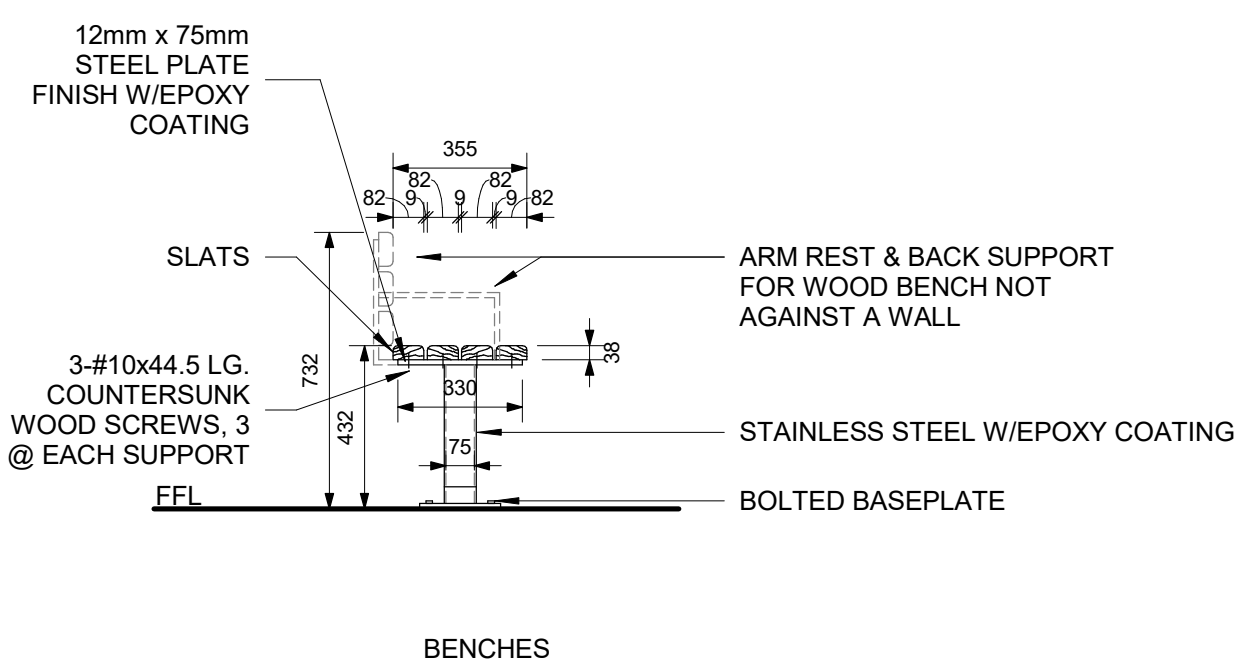
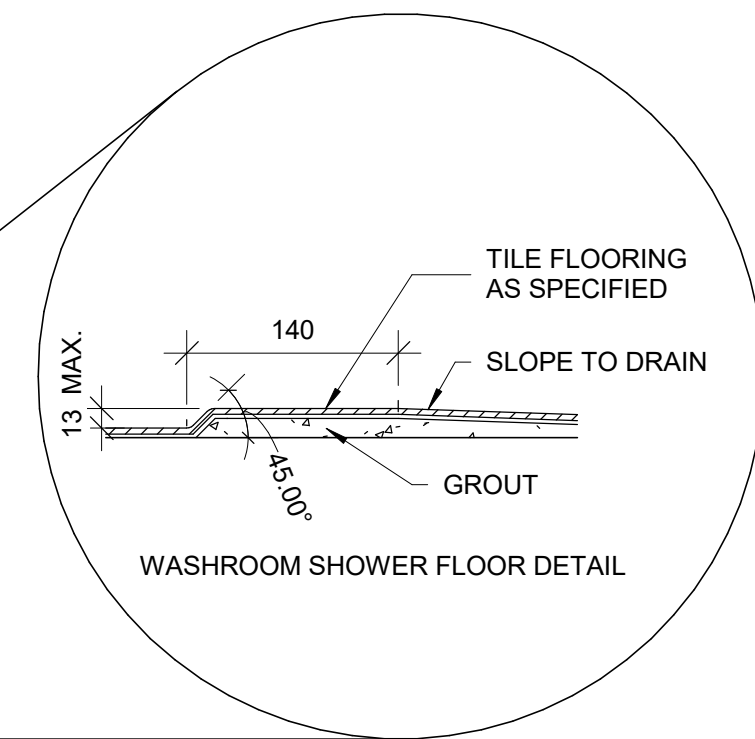
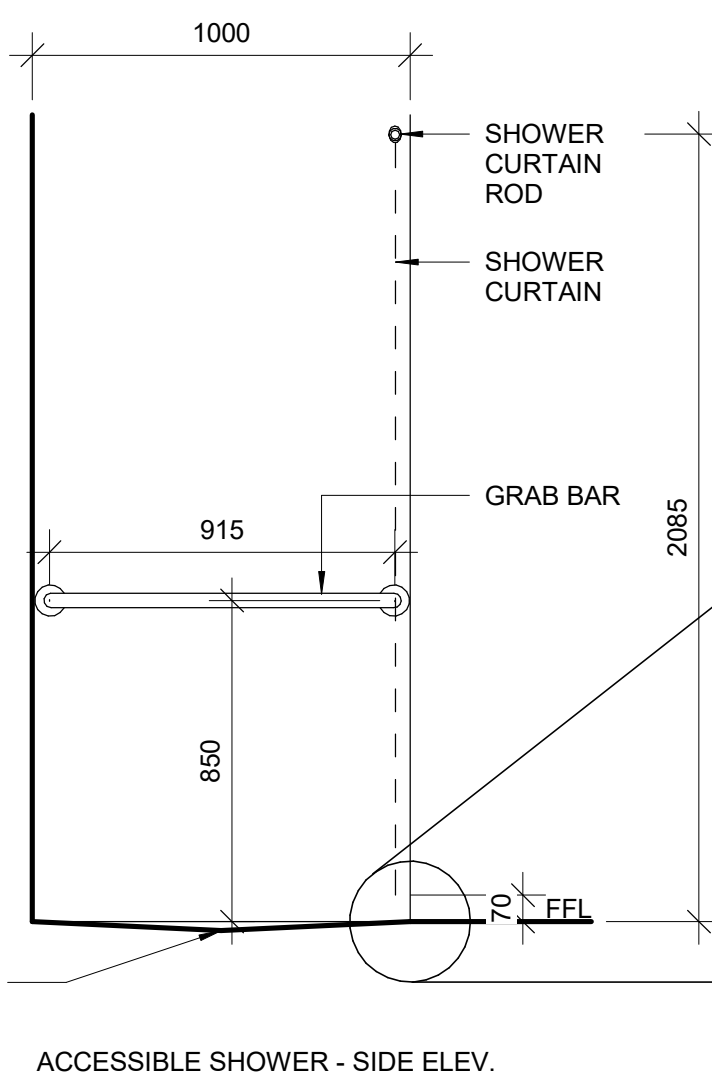
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PROJECT MGR: F. BOLOURIAN	APPROVED BY: E. FENUTA

SHEET TITLE
DRYWALL CUT OUT

SHEET NUMBER
D1002

ISSUE
A



6 WASHROOM/CHANGEROOM BENCH
D1201 Scale: 1 : 20



-
- Technical drawing of a wall-mounted accessible urinal. The drawing shows the urinal unit mounted on a wall. Key dimensions and components are labeled:
- Top Dimensions:**
 - 460 MIN (Total width between side supports)
 - 380 MIN. (Distance from centerline to each side support)
 - 450 MAX (Maximum width between side supports)
 - Left Side Dimensions:**
 - 50 MIN (Minimum distance from wall to side support)
 - 300 MIN (Minimum height from floor to side support)
 - 430 MAX (Maximum height from floor to urinal top)
 - 275 (Height from floor to urinal base)
 - Right Side Dimensions:**
 - 1000 (Height from floor to top of urinal unit)
 - Components and Labels:**
 - GRAB BAR (Indicated by an arrow pointing to the side support)
 - CONTROL (Indicated by an arrow pointing to the urinal's control mechanism)
 - PRIVACY SCREEN WHEN REQUIRED (Indicated by an arrow pointing to the urinal's privacy screen)
 - WALL MOUNTED ACCESSIBLE URINAL (Caption at the bottom)
 - FFL (Finish Floor Line, indicated by a horizontal line at the bottom)

5 ACCESSIBLE WASHROOM - URINAL
D1201 Scale: 1 : 20

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PROJECT TITLE

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ACCESSIBILITY UPGRADES

PROJECT ADDRESS

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9119- 19- 0162 / Arcadis 30279056

DRAWN BY:
A. BOYNARIAN

CHECKED BY:
K. TILAHUN

PROJECT MGR:
F.BOLOURIAN

APPROVED BY:
E. FENUTA

SHEET TITLE

UNIVERSAL WASHROOM
ELEVATIONS

SHEET NUMBER

D1203

ISSUE

A

2025-04-11 10:38:53 AM

SCALE CHECK

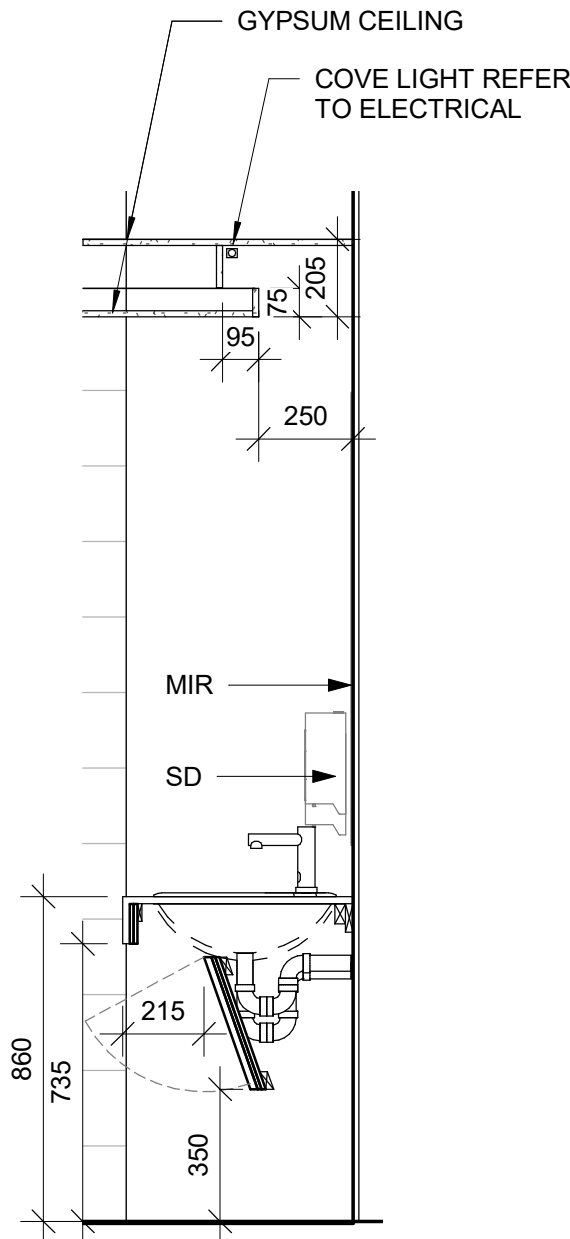
1 in

10mm

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

3 SECTION THROUGH VANITY
D1204 Scale: 1 : 20

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

SHEET TITLE
WASHROOM VANITY
SECTION

SHEET NUMBER	ISSUE
D1204	A

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SHEET TITLE

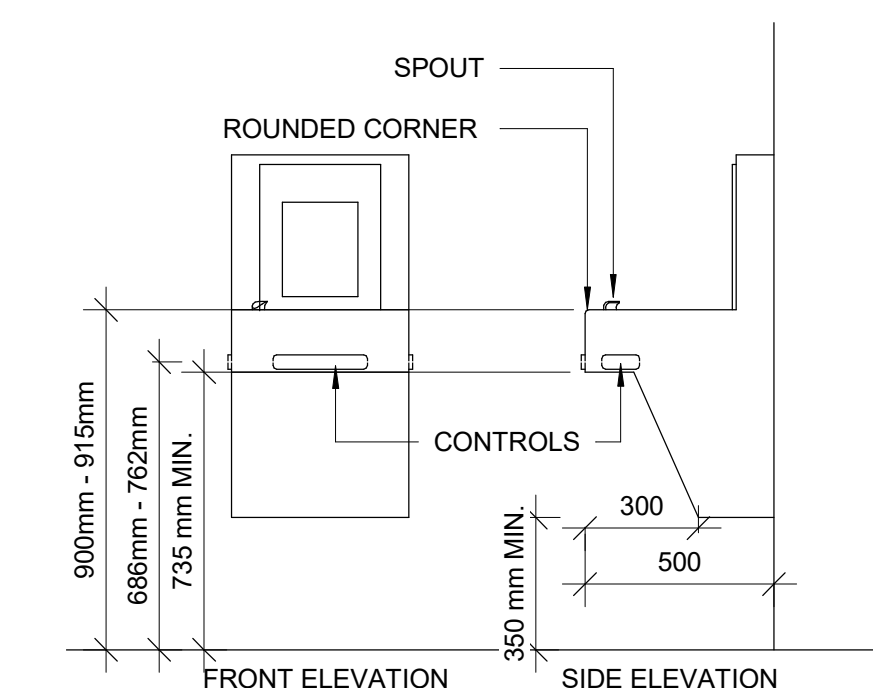
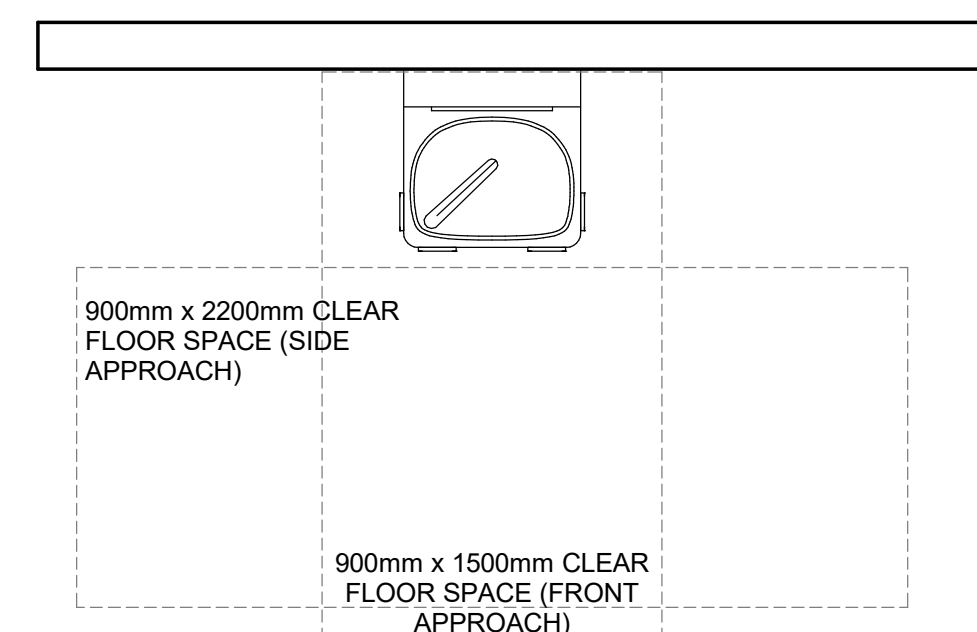
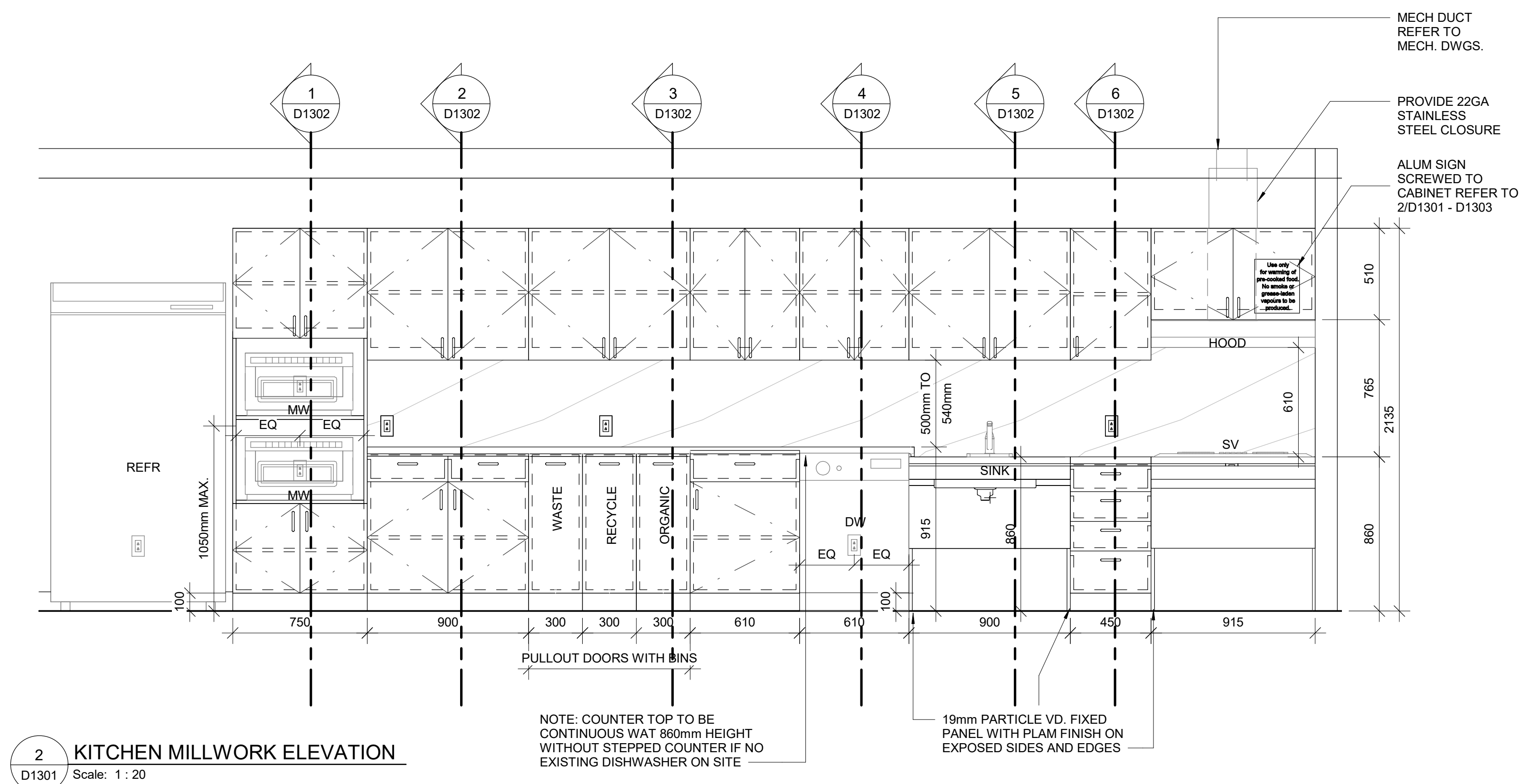
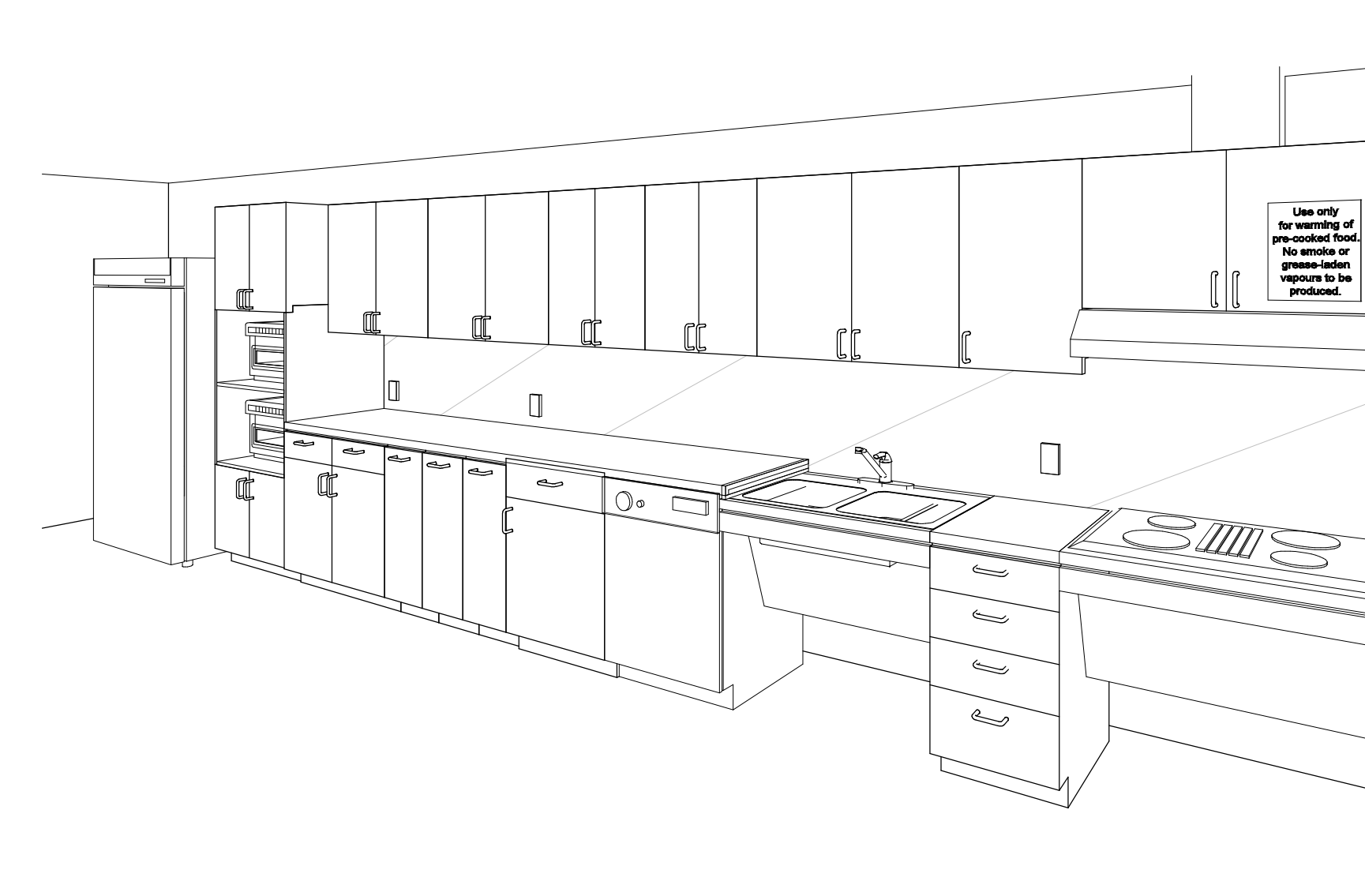
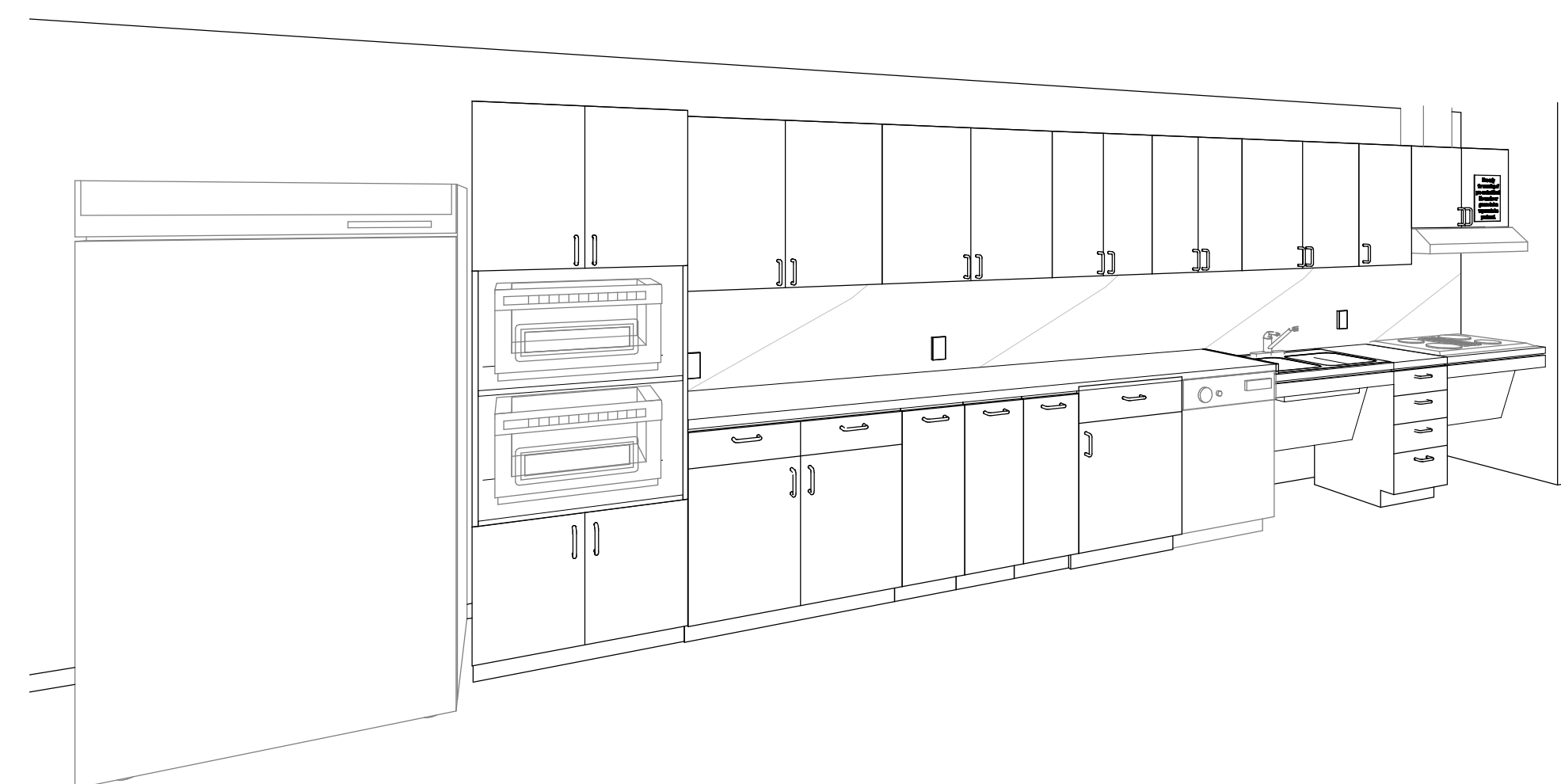
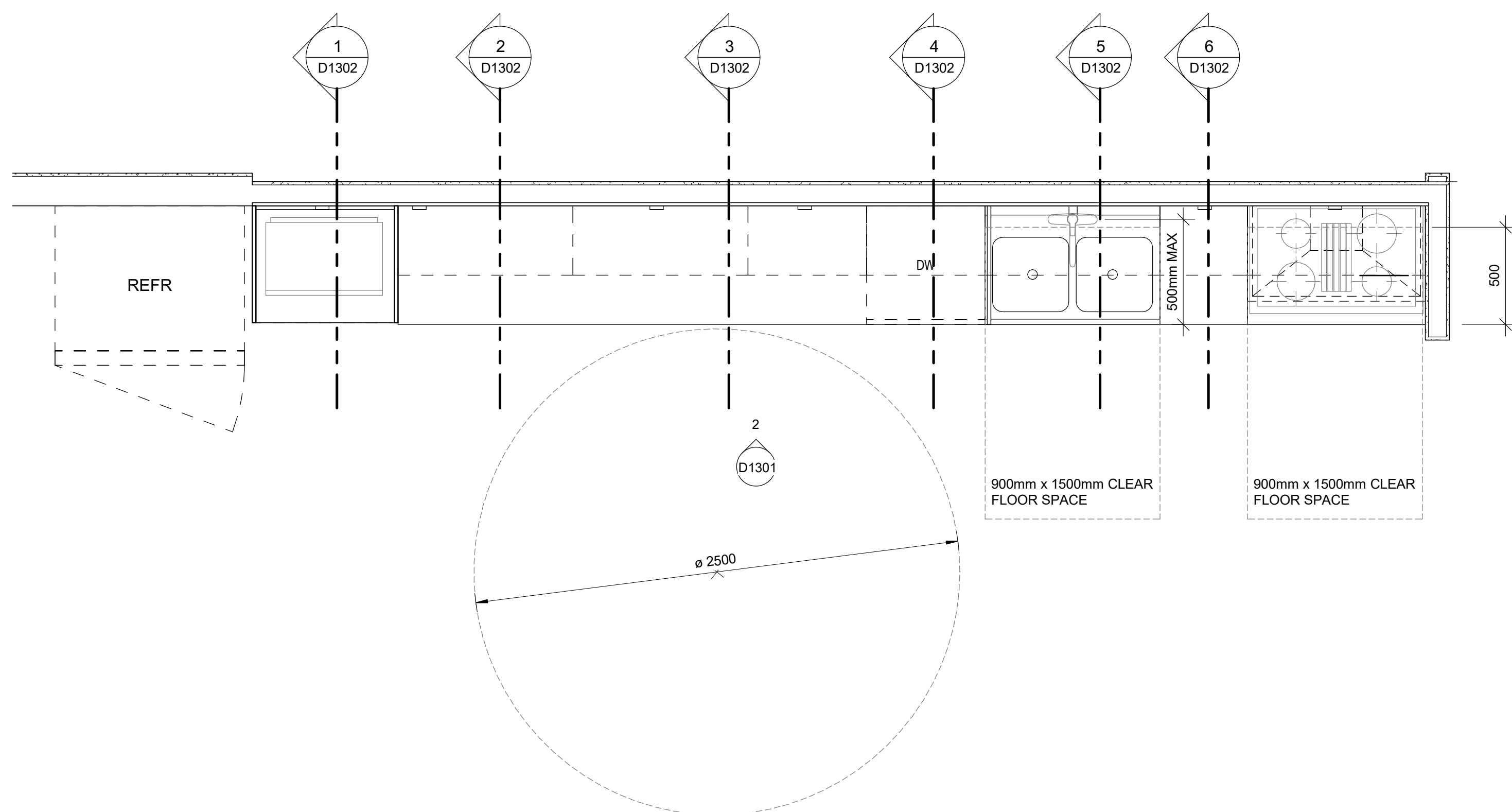
UNIVERSAL WASHROOM
EMERGENCY CALL
SYSTEM

SHEET NUMBER	ISSUE
D1205	A

2025-04-11 10:39:53 AM

SCALE CHECK
1 in

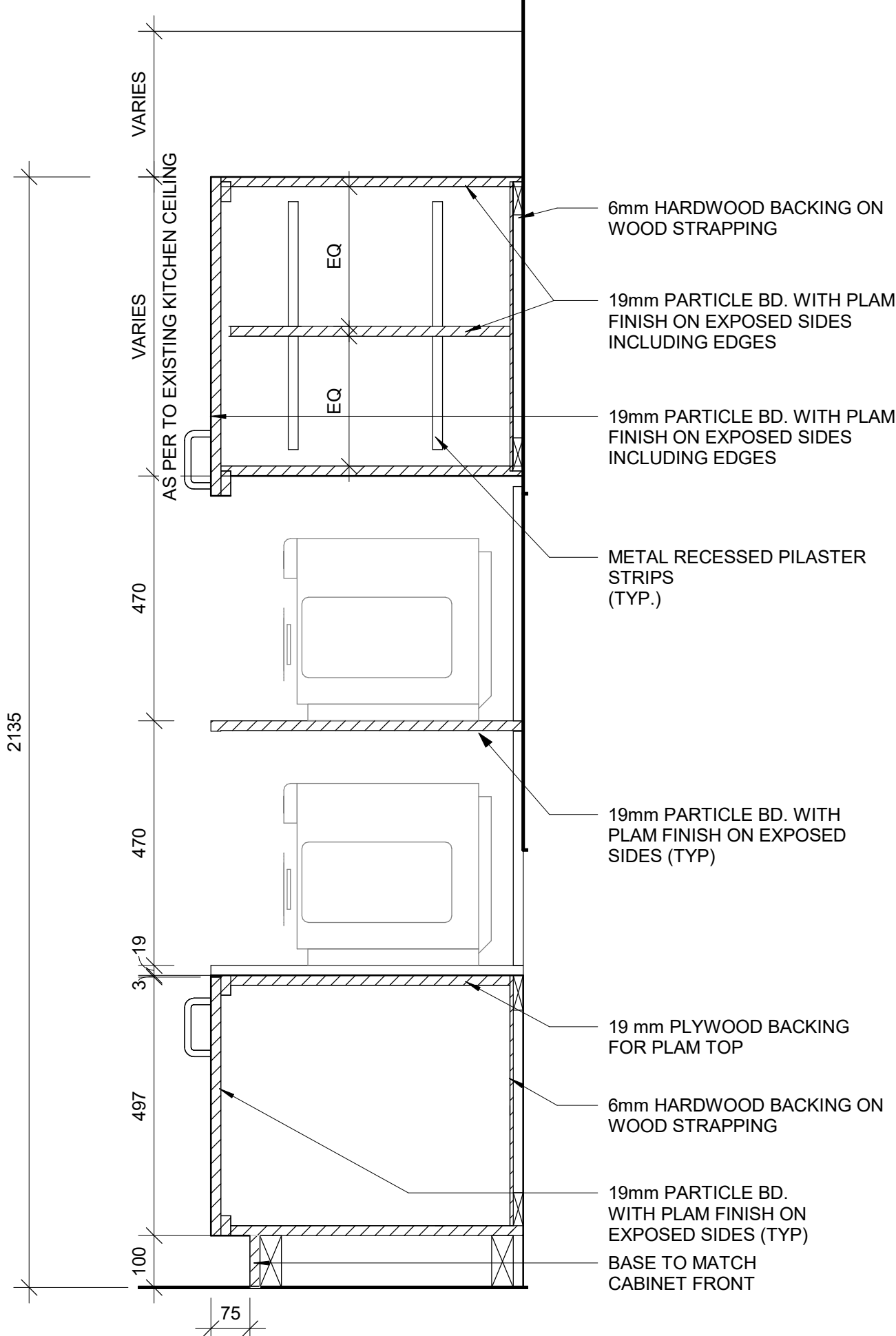
10mm



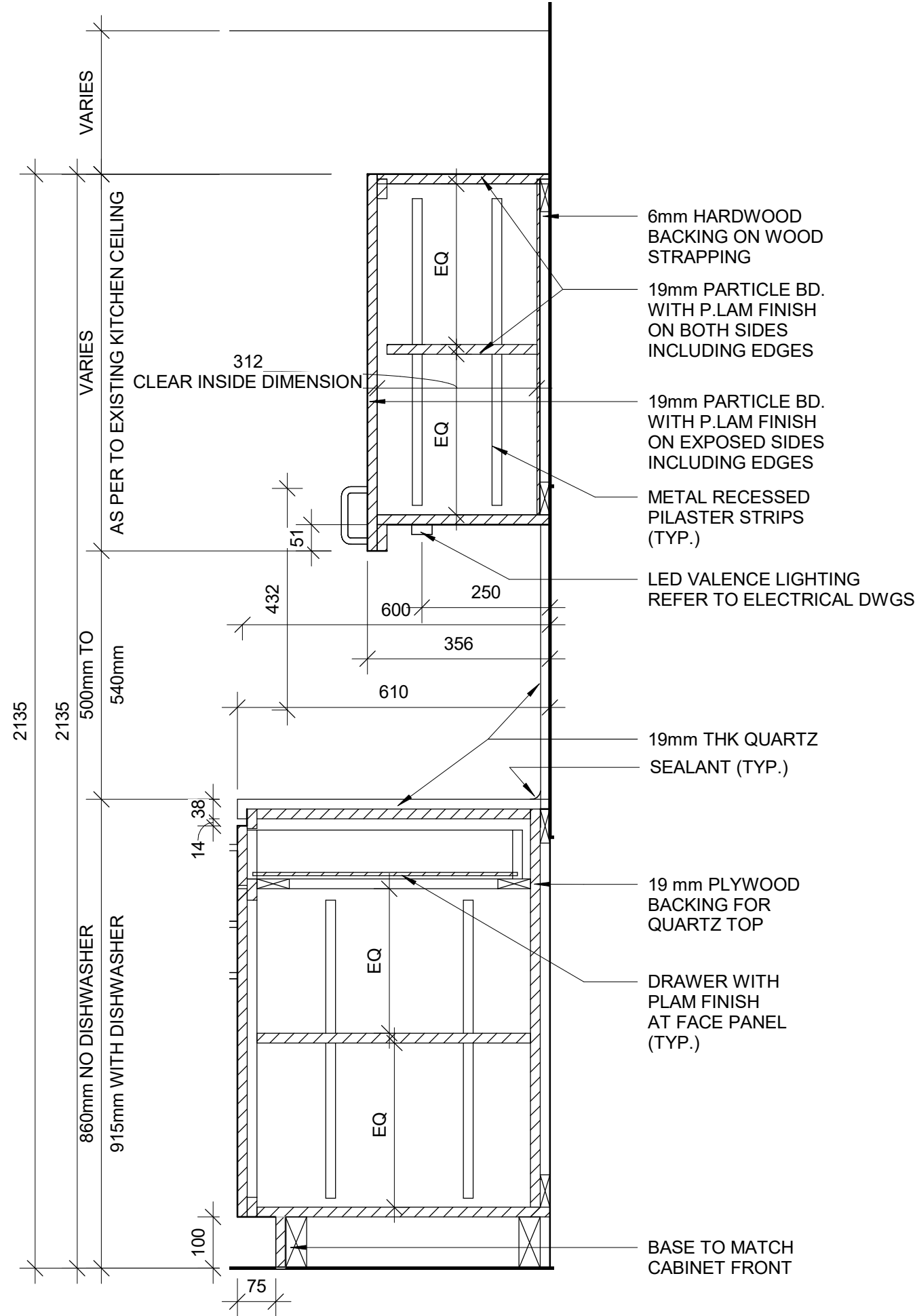
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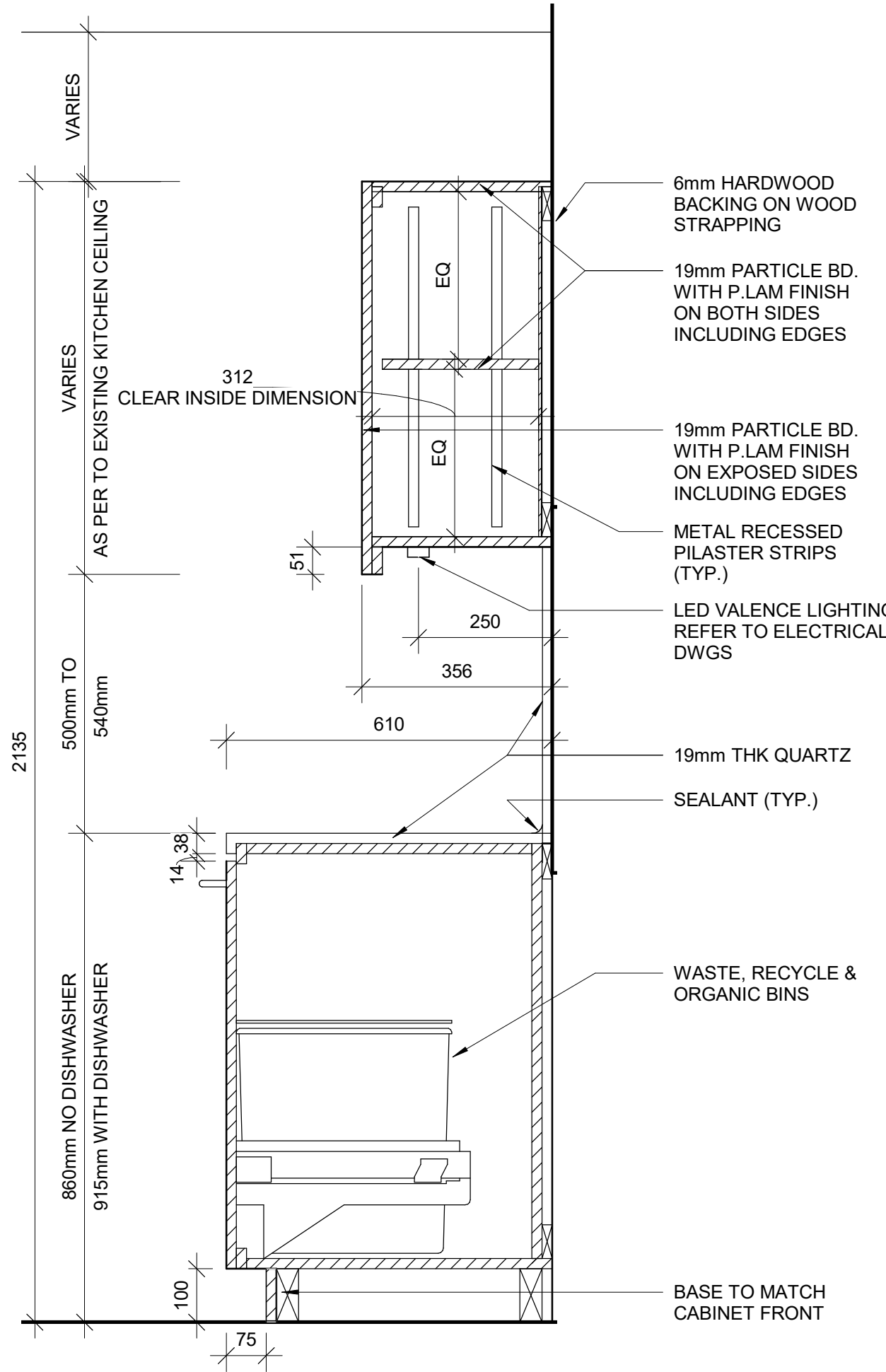
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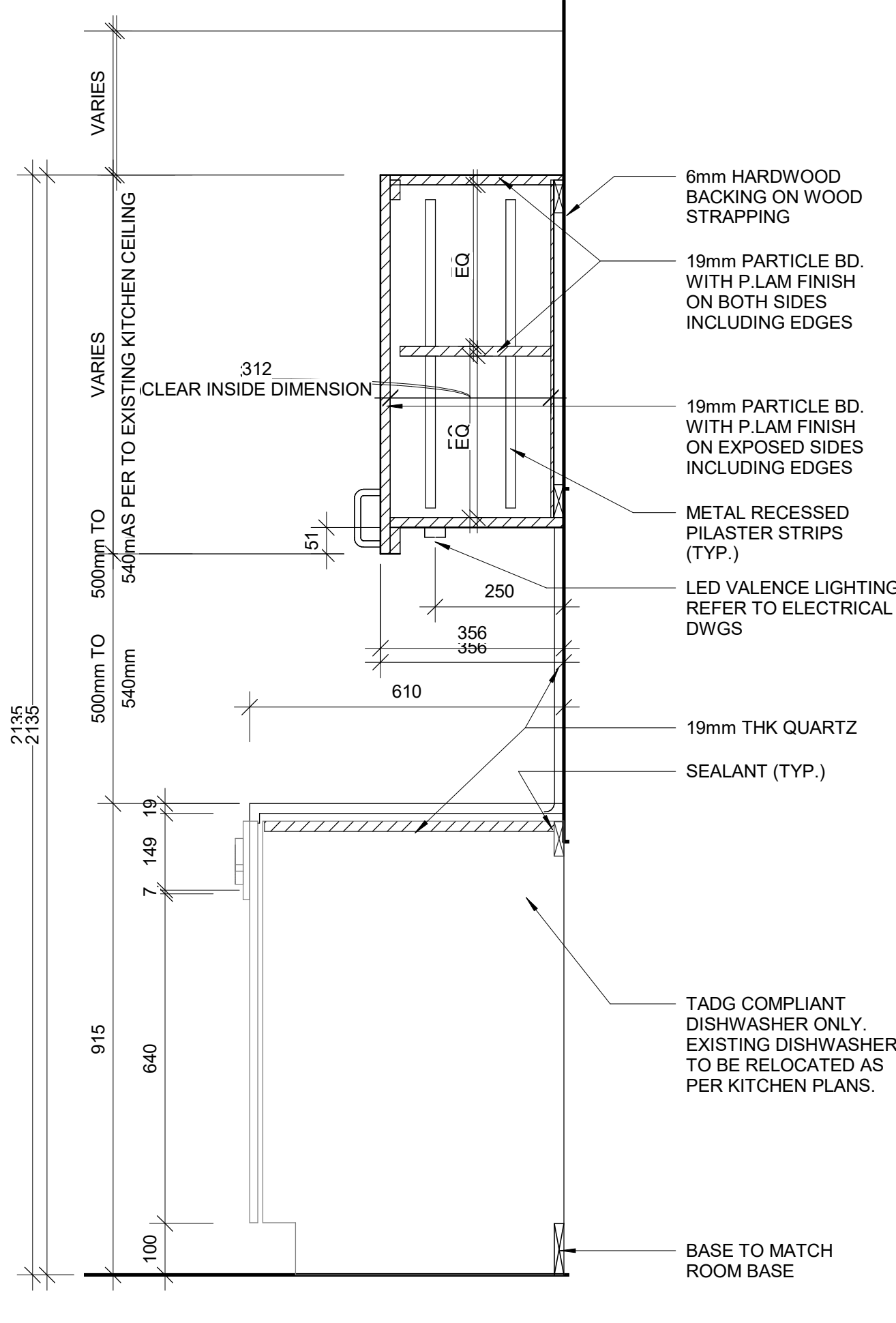
1 BASE CABINETRY- MICROWAVE STORAGE
D1302 Scale: 1 : 10



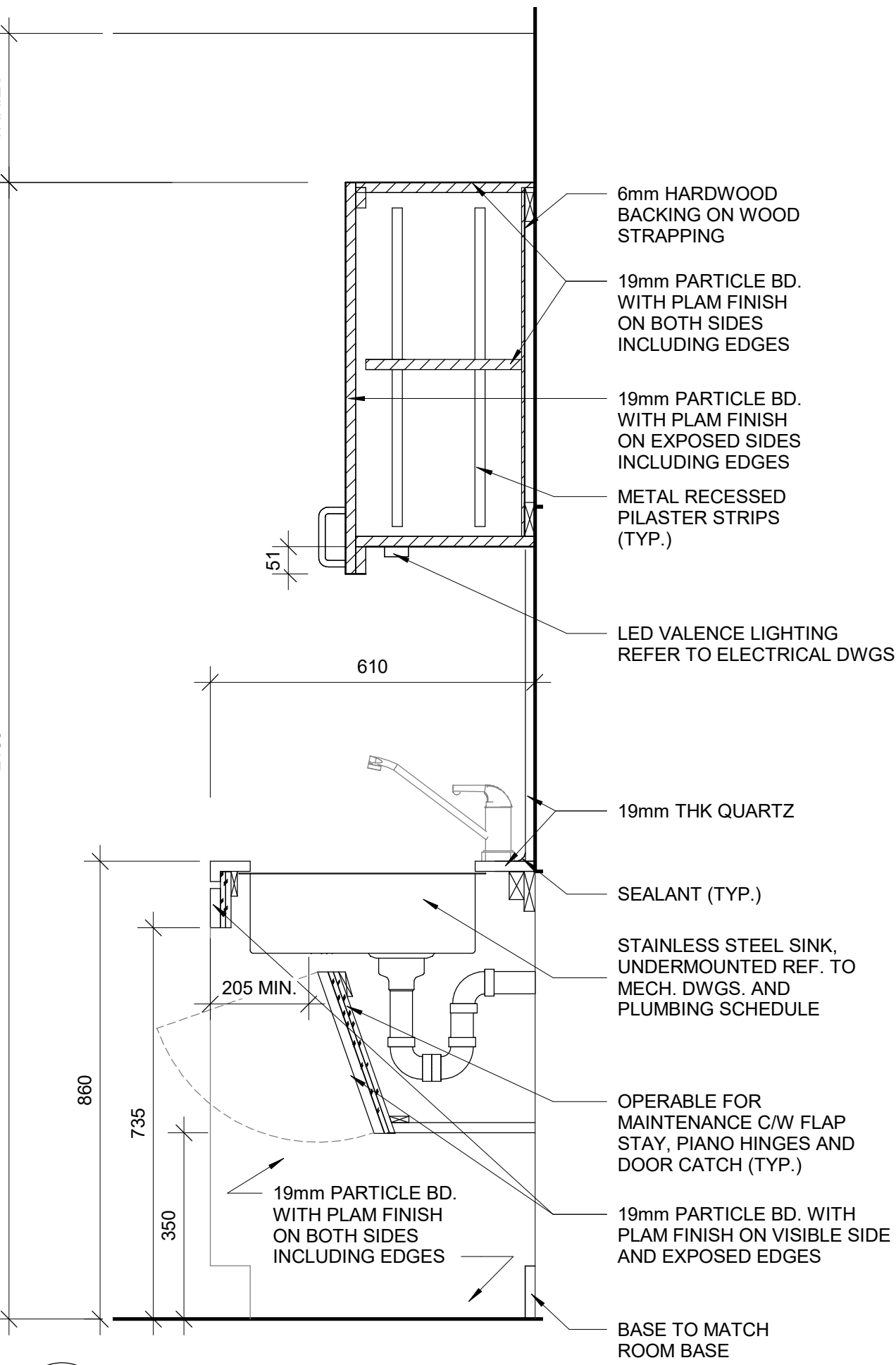
2 BASE CABINETRY WITH DRAWER
D1302 Scale: 1 : 10



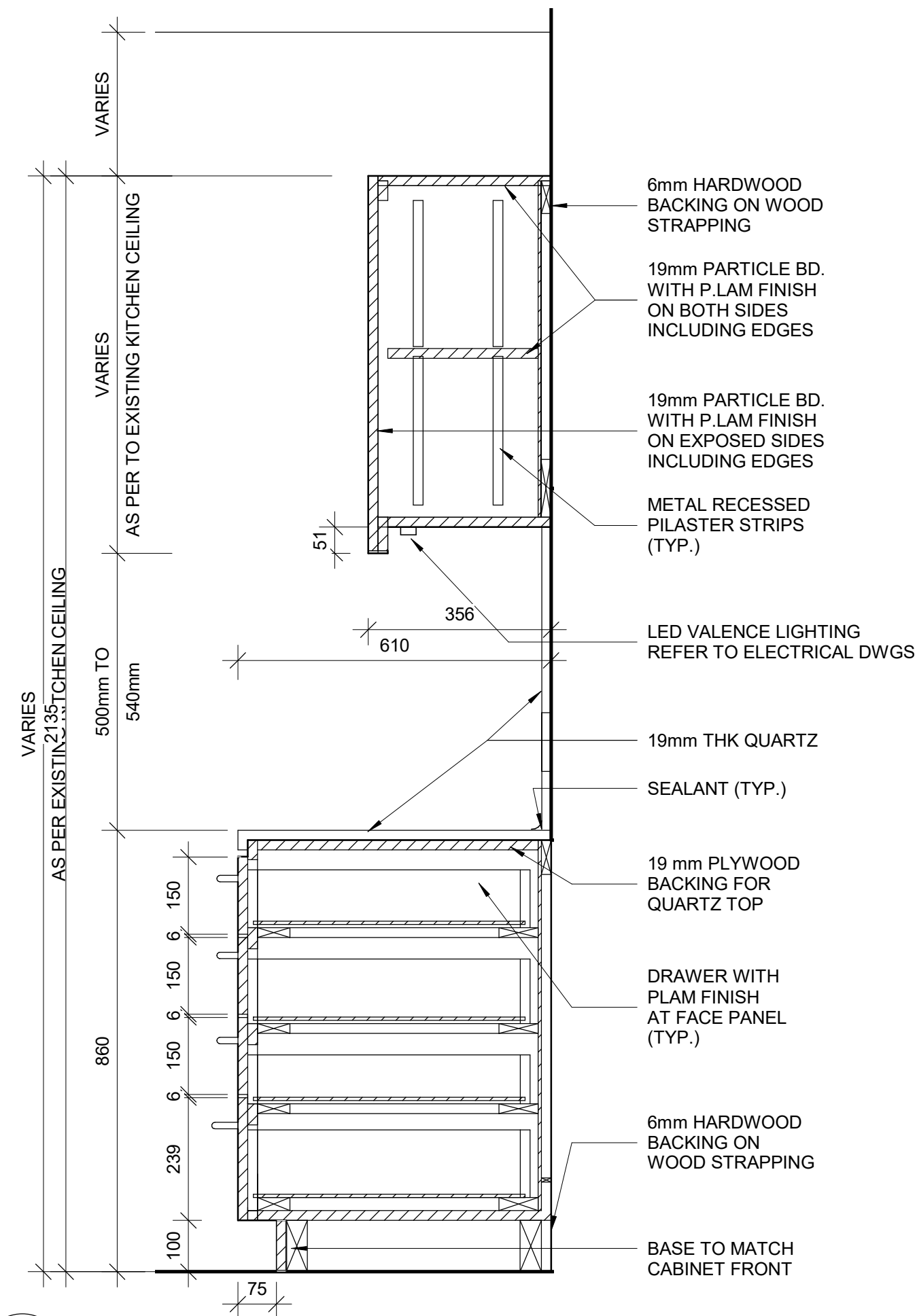
3 BASE CABINETRY WITH GARBAGE BIN
D1302 Scale: 1 : 10



4 BASE CABINETRY WITH DISHWASHER
D1302 Scale: 1 : 10

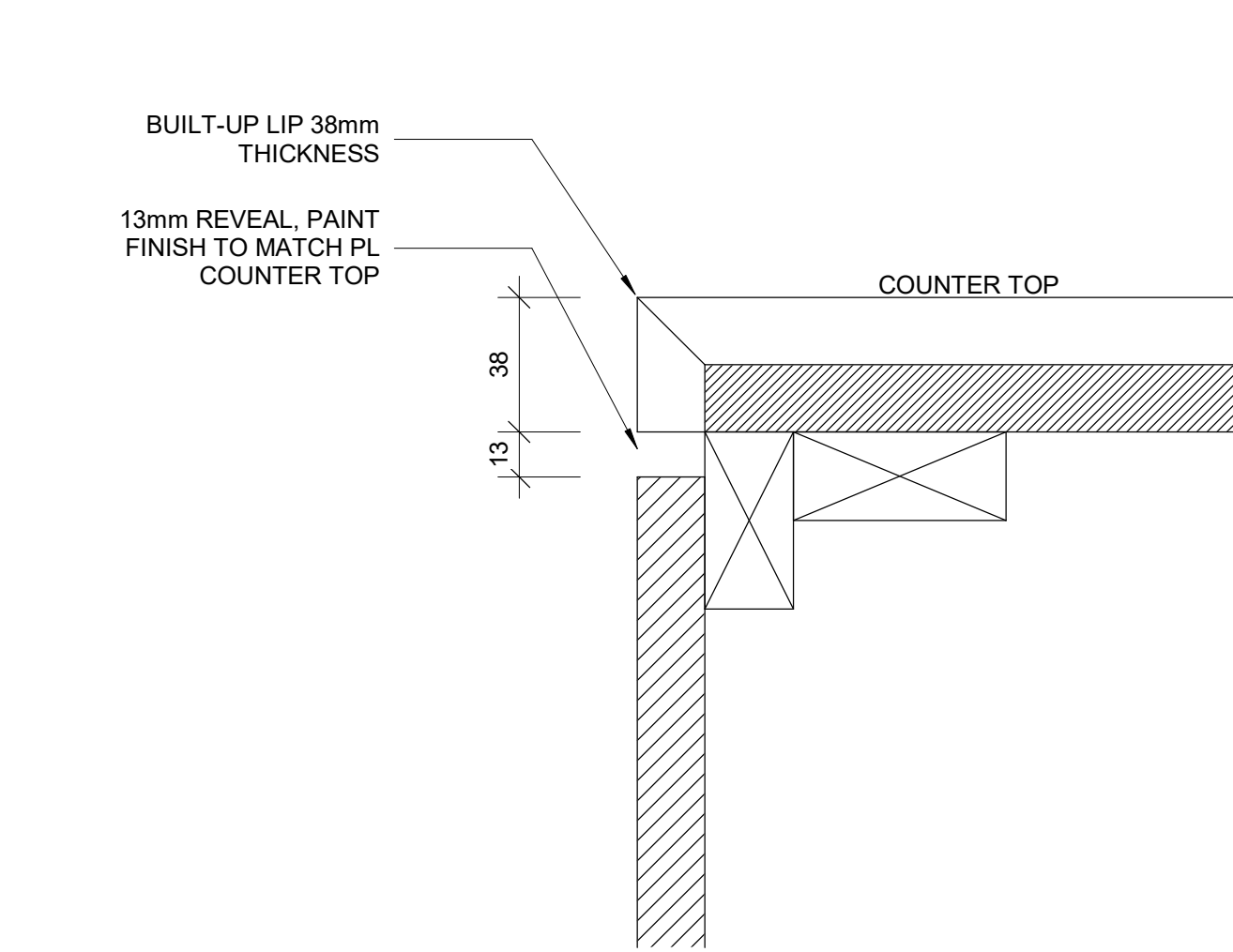


5 BASE CABINETRY WITH SINK
D1302 Scale: 1 : 10



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

RESERVED



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

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PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

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

SHEET TITLE

KITCHEN MILLWORK
DETAIL SECTIONS

SHEET NUMBER	ISSUE
D1302	A

SCALE CHECK
1/16" = 1/8"

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PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
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SHEET TITLE

KITCHEN HOOD VENT
DETAIL

SHEET NUMBER

D1303

ISSUE

A

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SCALE CHECK
1 in

10mm

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CHECKED BY:

K. TILAHUN

PROJECT MGR:

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APPROVED BY:

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SHEET TITLE

RECEPTION DESK WITH
TEMPERED GLASS
MILLWORK

SHEET NUMBER

D1305

ISSUE

A

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SCALE CHECK

1 in

10mm

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CHECKED BY:

K. TILAHUN

PROJECT MGR:

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APPROVED BY:

E. FENUTA

SHEET TITLE

RECEPTION DESK WITH
TEMPERED GLASS
DETAIL SECTIONS

SHEET NUMBER

D1306

ISSUE

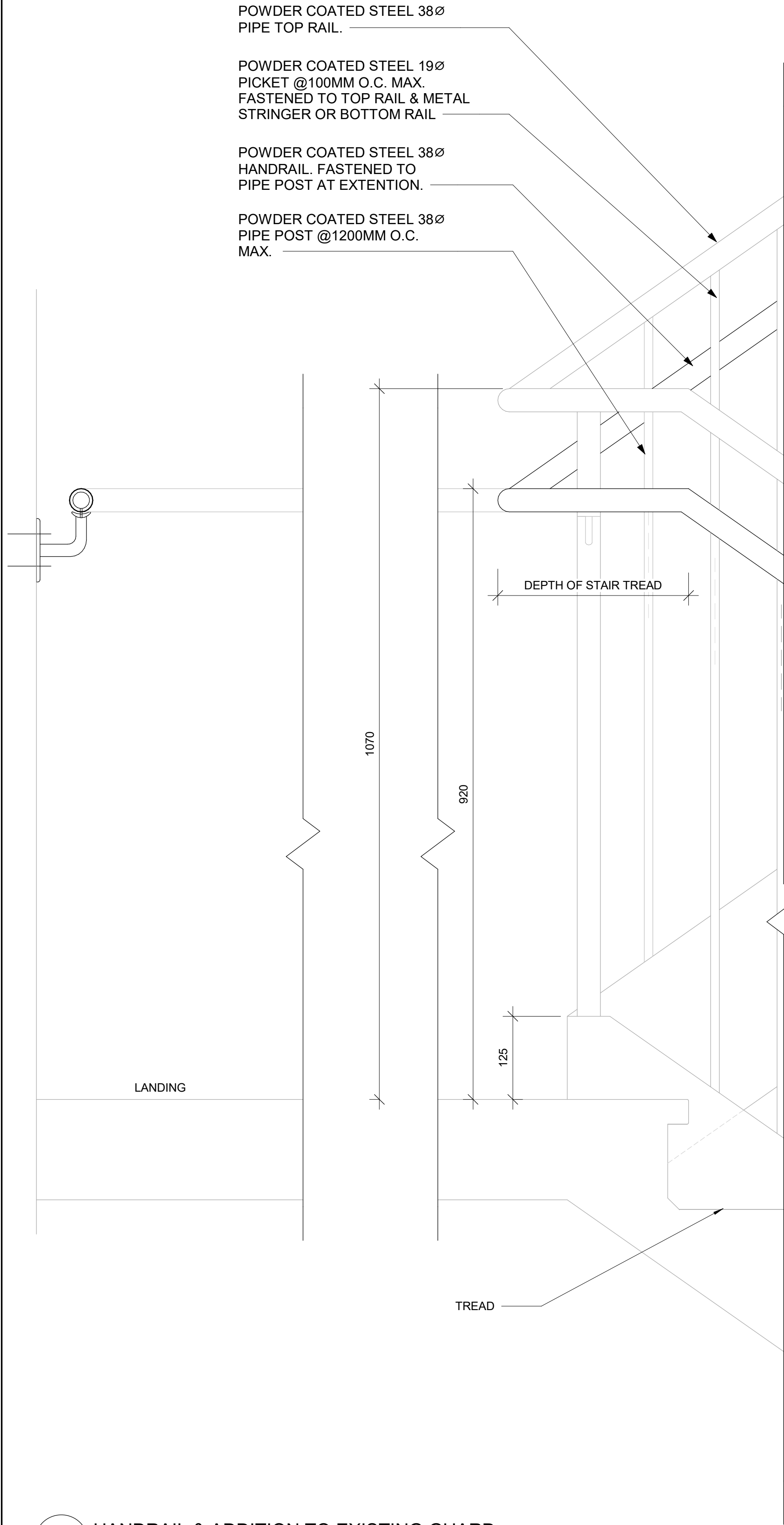
A

SCALE CHECK

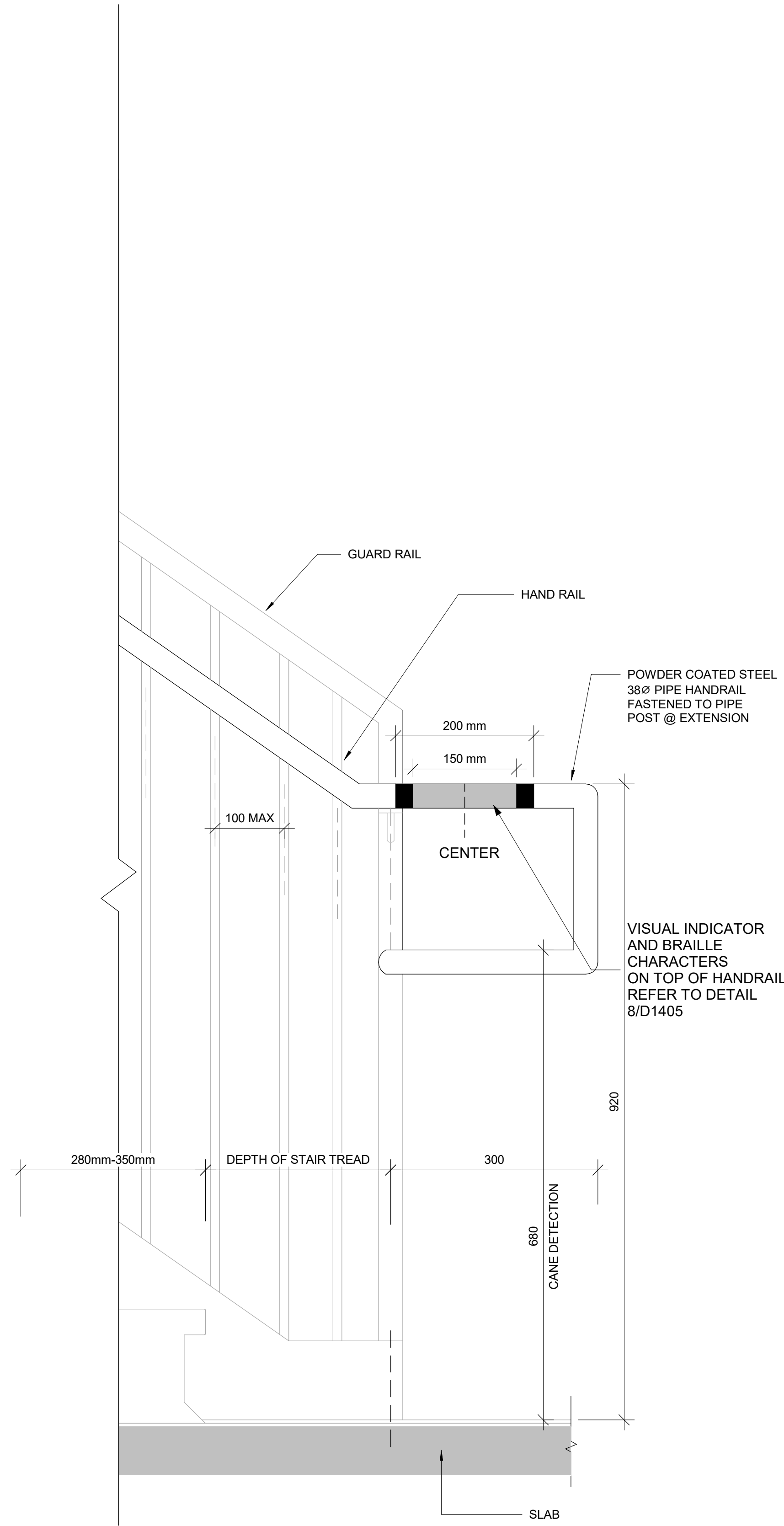
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10mm

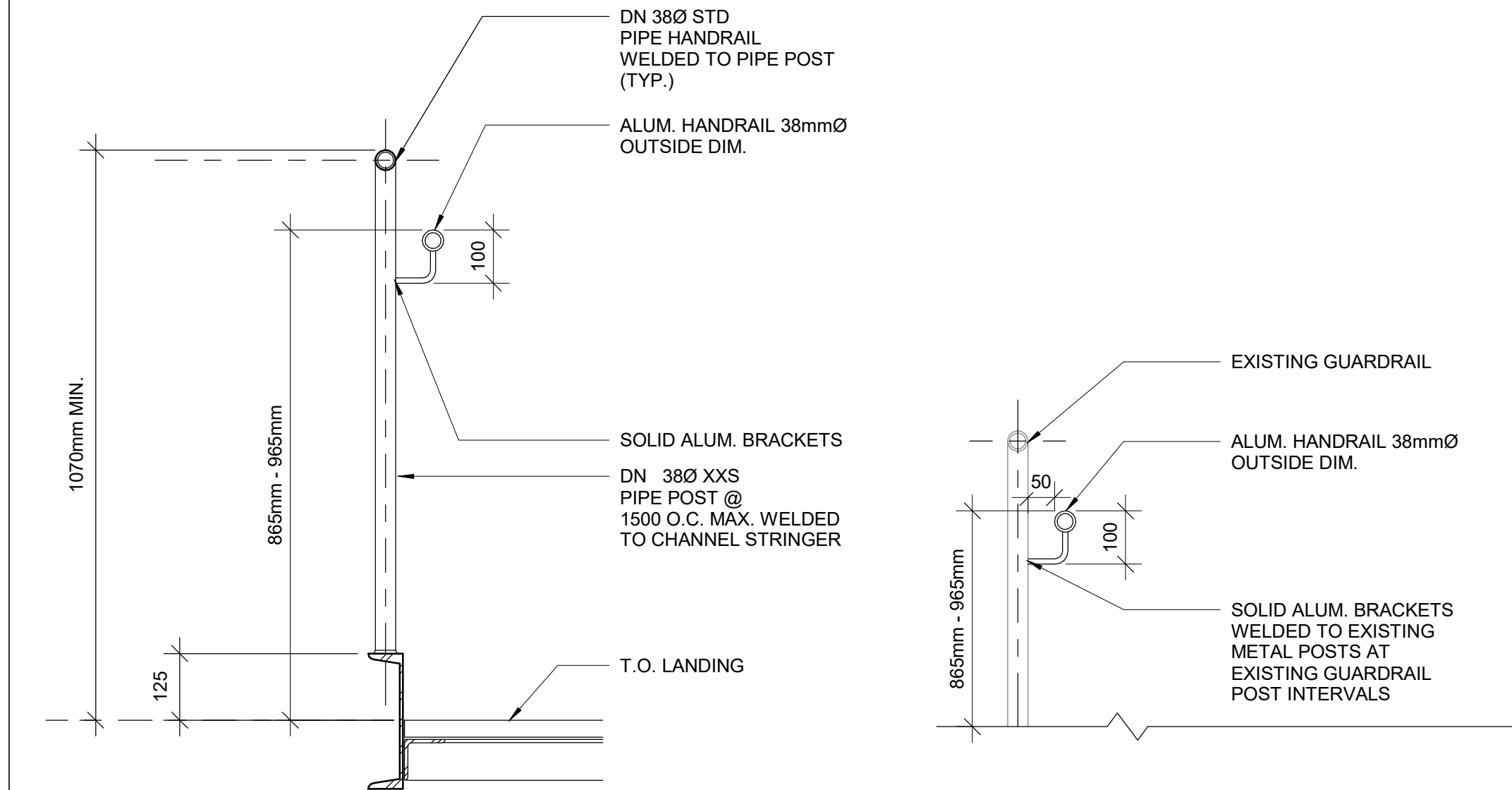
2025-04-11 10:38:53 AM



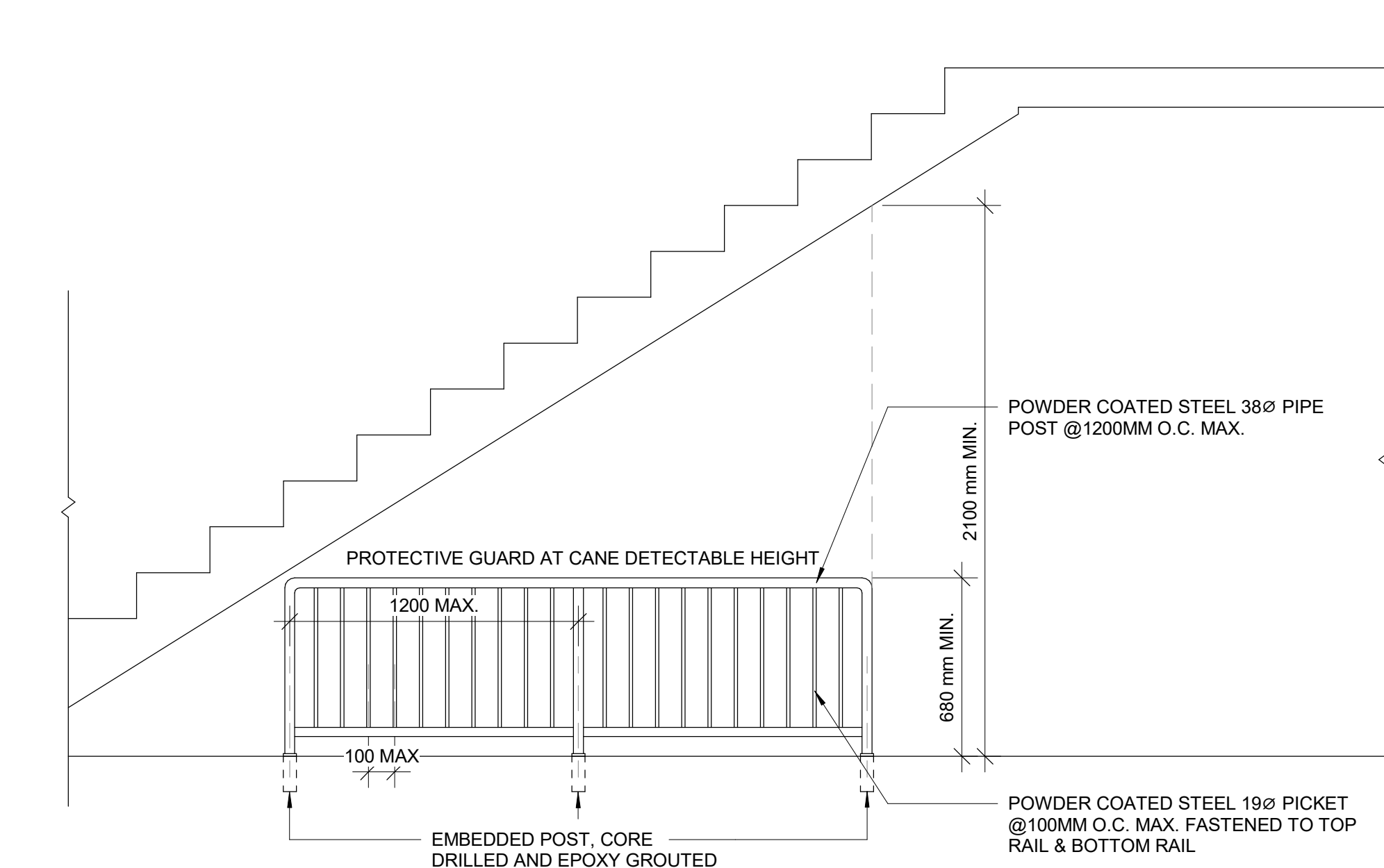
3 HANDRAIL & ADDITION TO EXISTING GUARD
D1401 Scale: 1 : 5



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

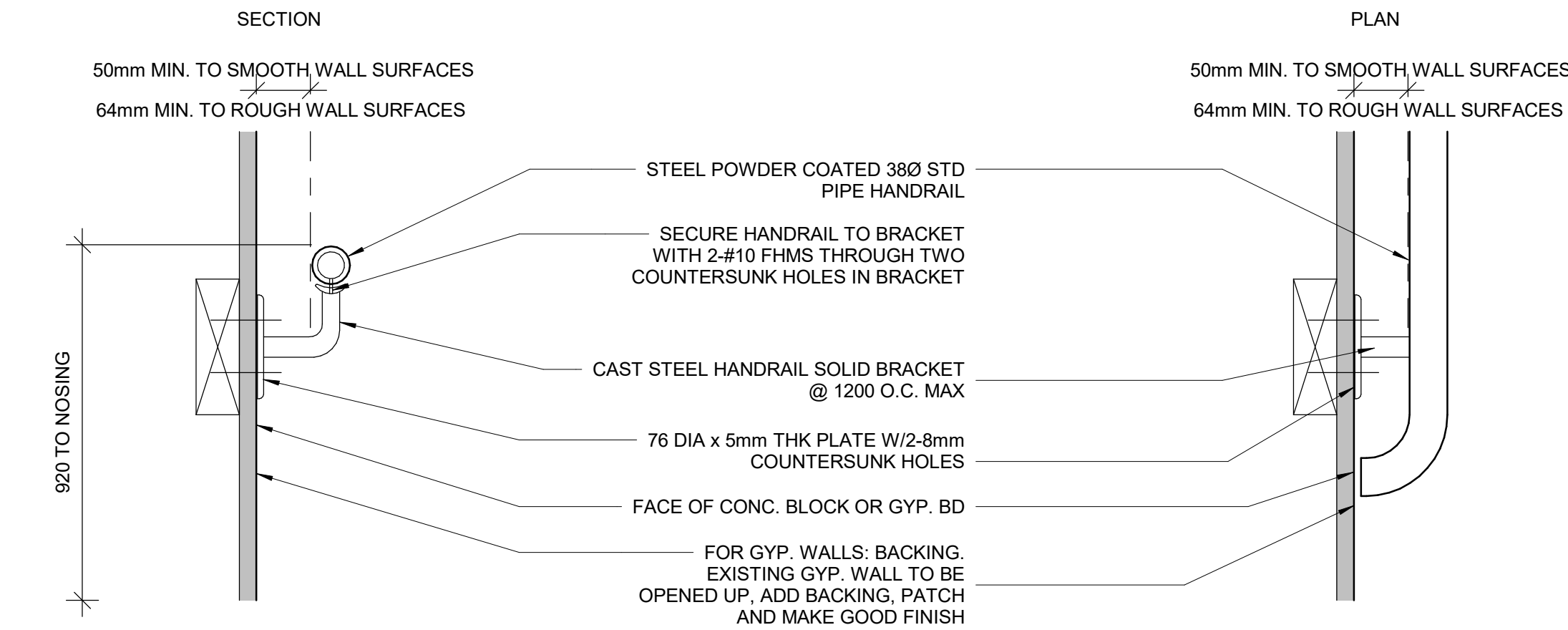


5 EXISTING GUARDRAIL RETROFIT DETAIL
D1401 Scale: 1 : 10



4 PROTECTION GUARD UNDER STAIRS
D1401 Scale: 1 : 20

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



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

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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

DRAWN BY:
A. BOYNARIAN

CHECKED BY:
K. TILAHUN

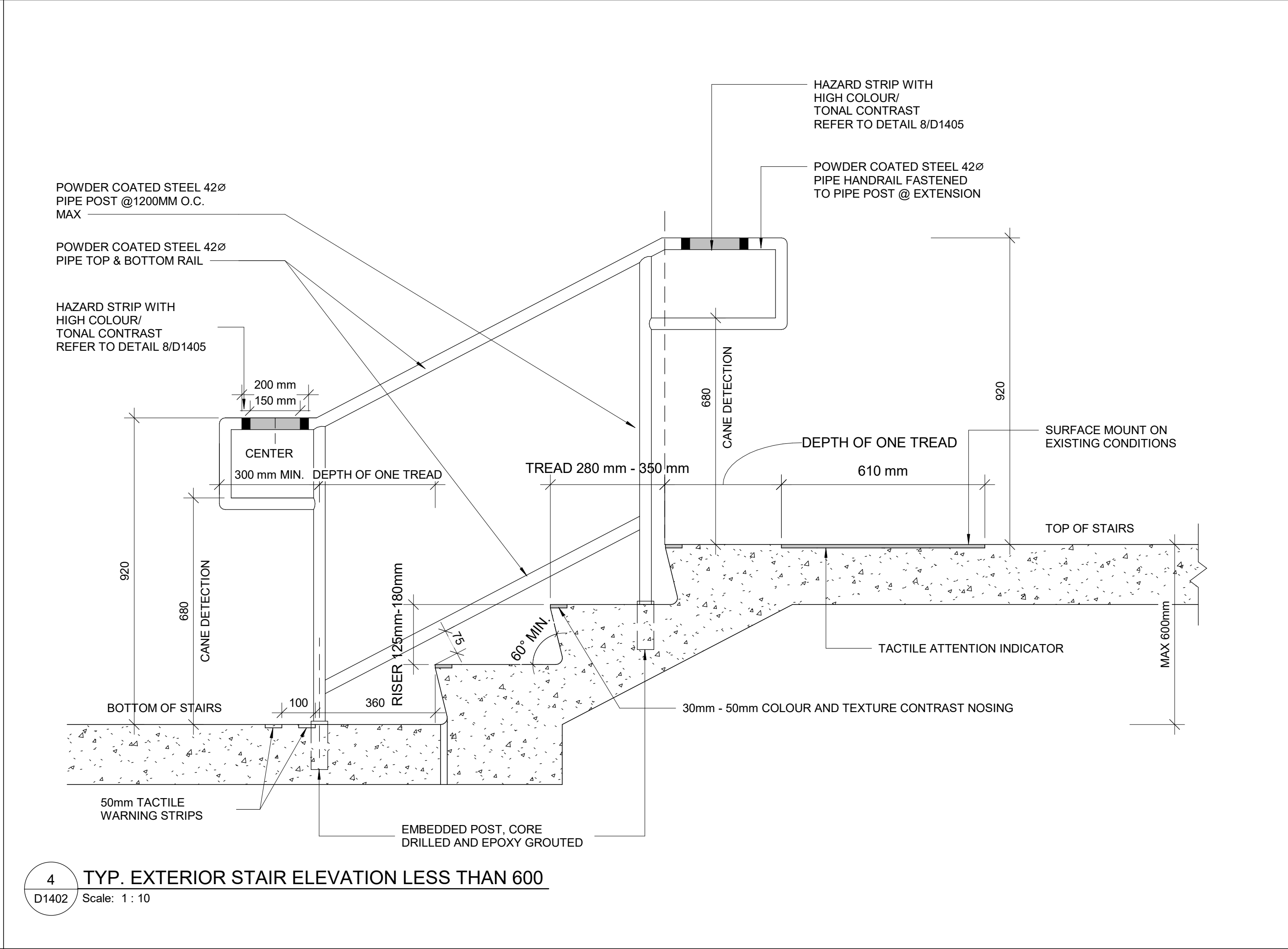
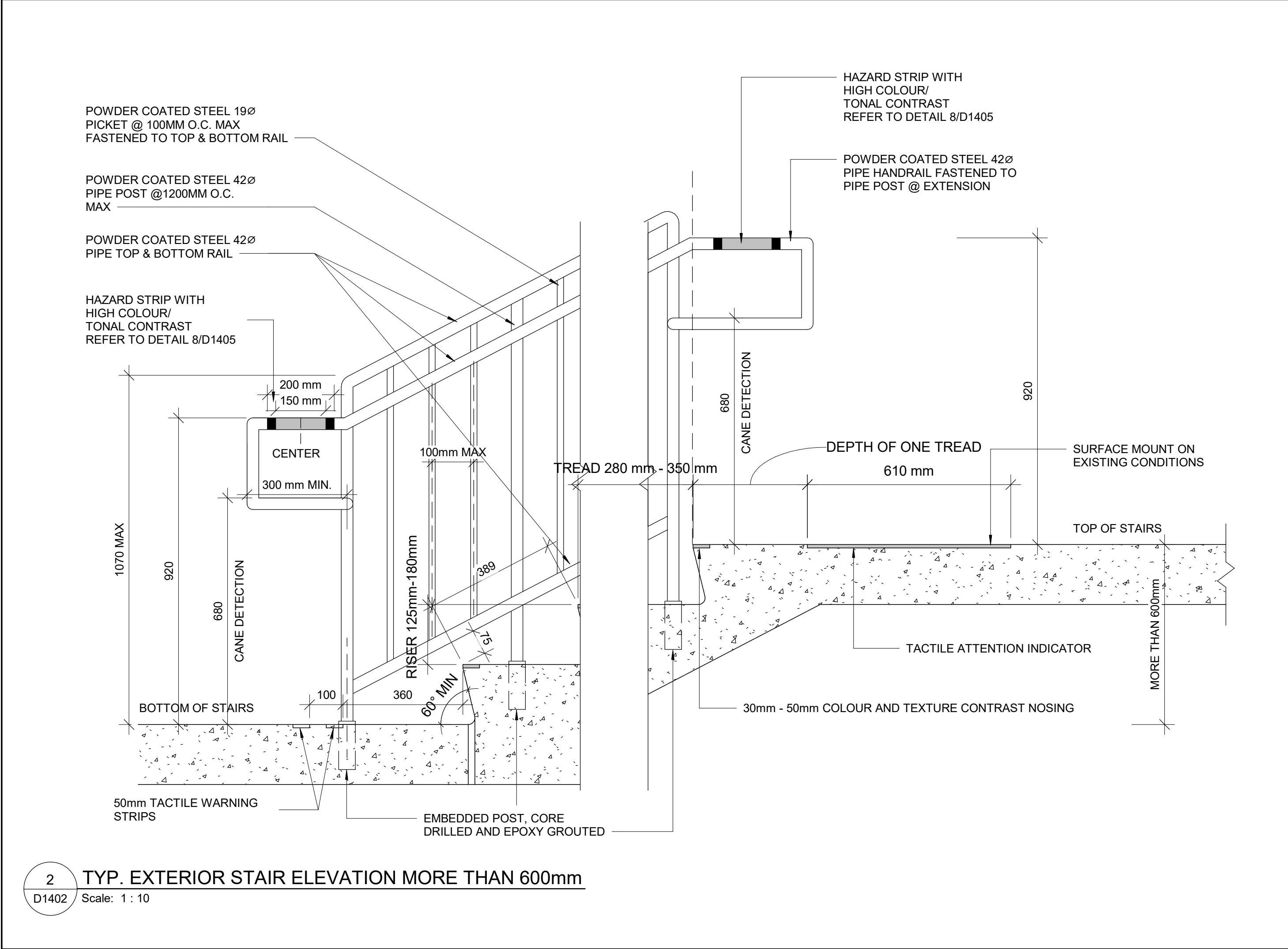
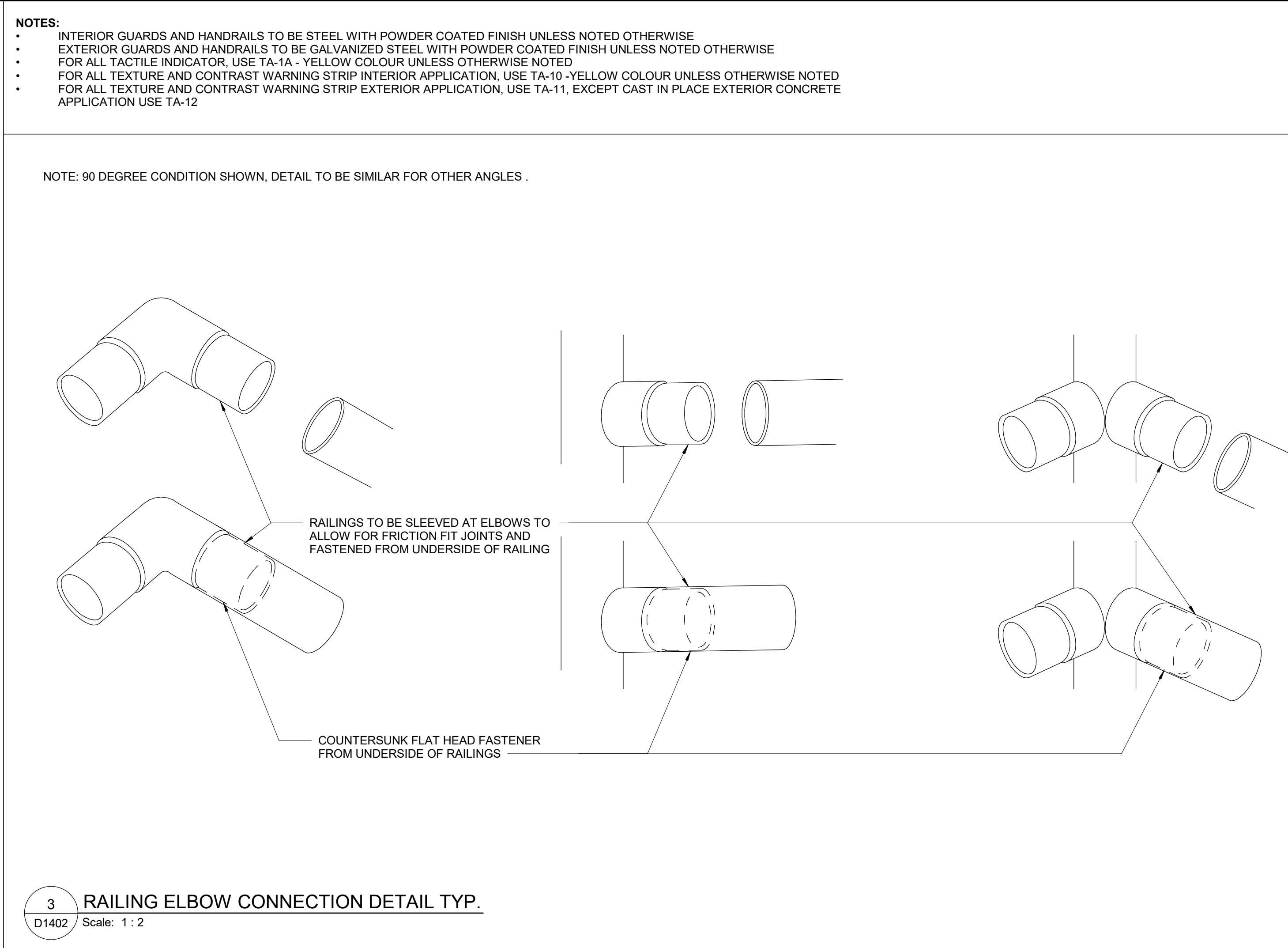
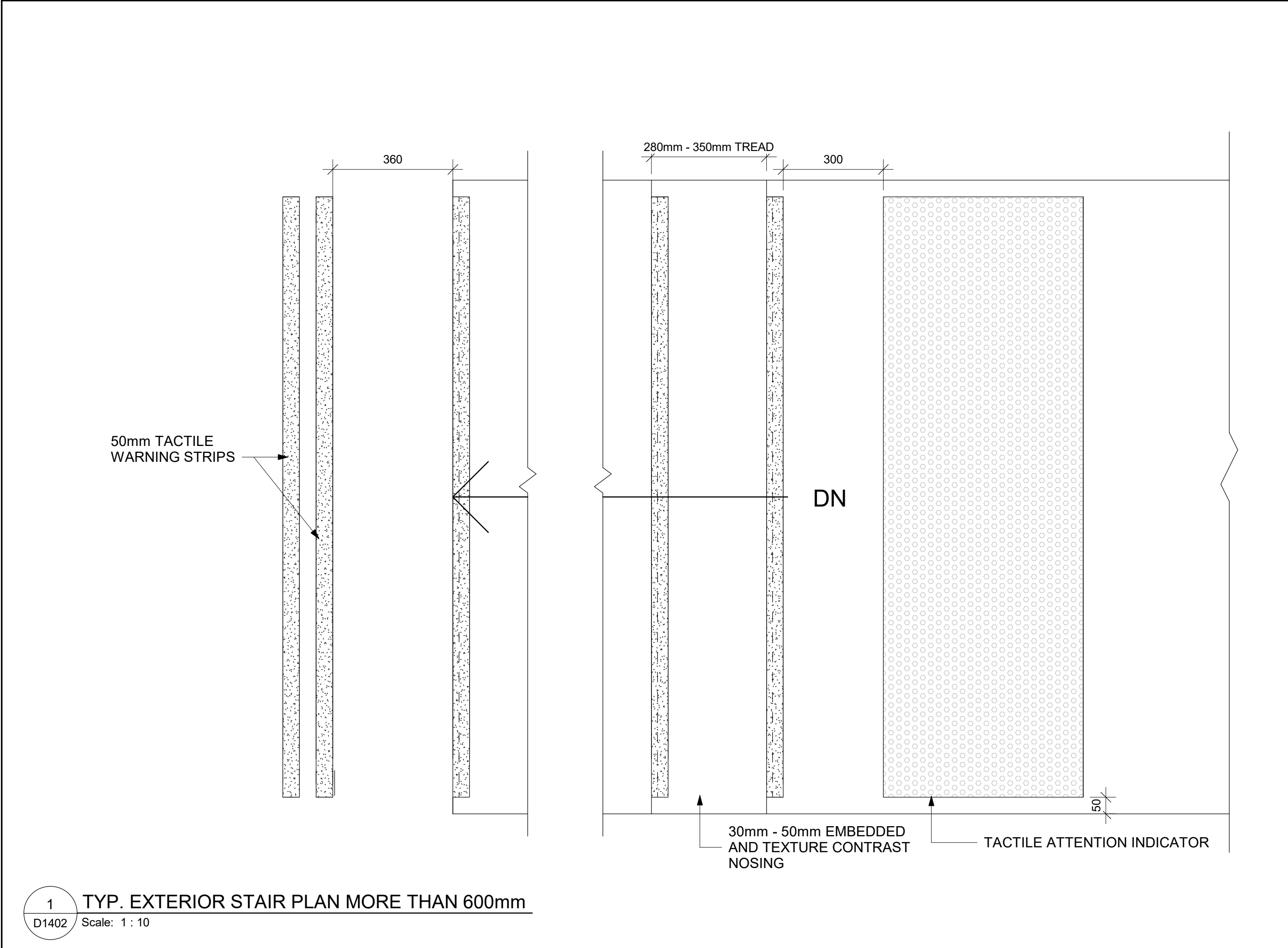
PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
E. FENUITA

SHEET TITLE
STAIR DETAILS - 01

SHEET NUMBER
D1401

ISSUE
A



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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

DRAWN BY:
A. BOYNARIAN

CHECKED BY:
K. TILAHUN

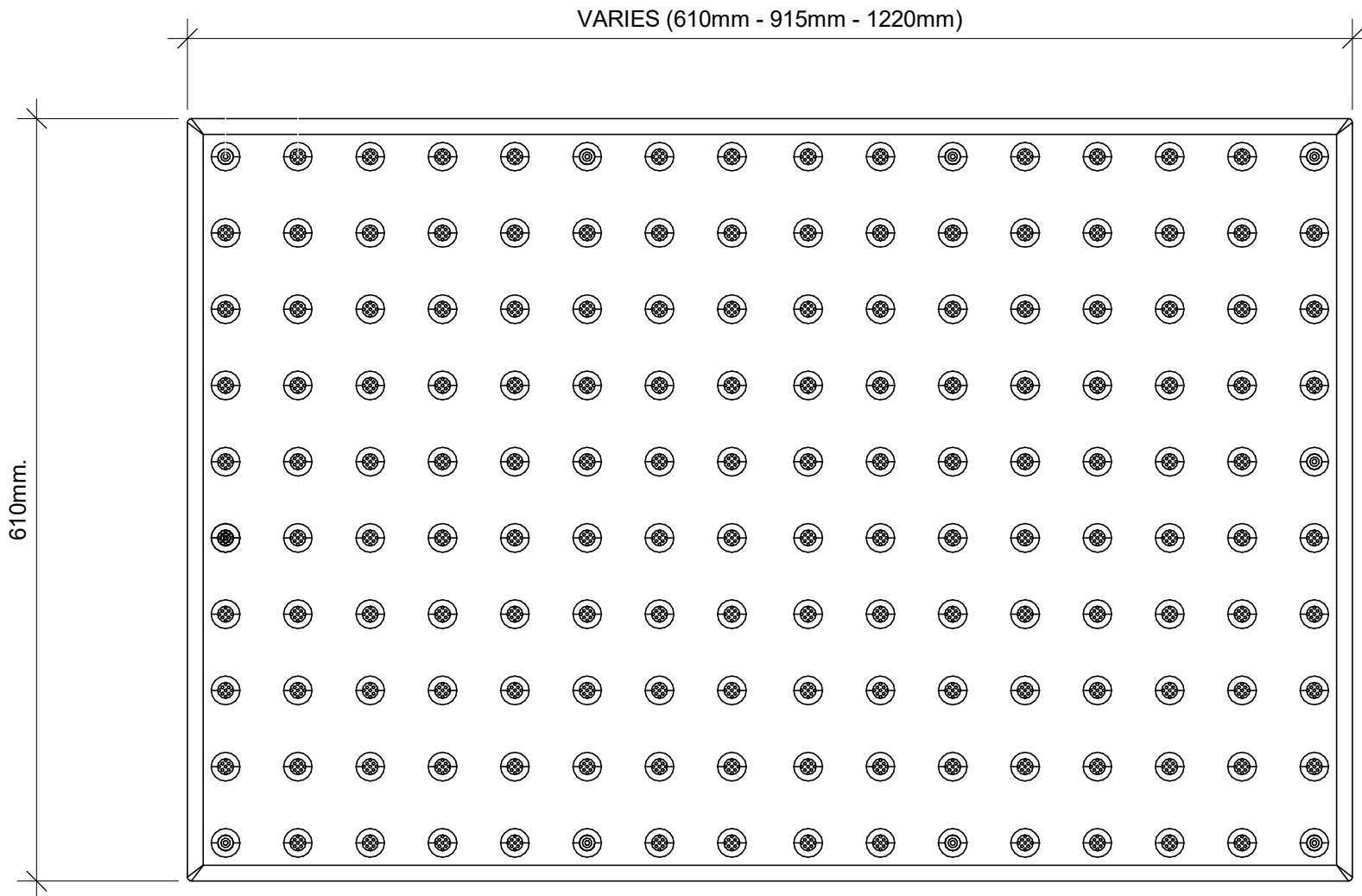
PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
E. FENUTA

SHEET TITLE
STAIR DETAILS - 02

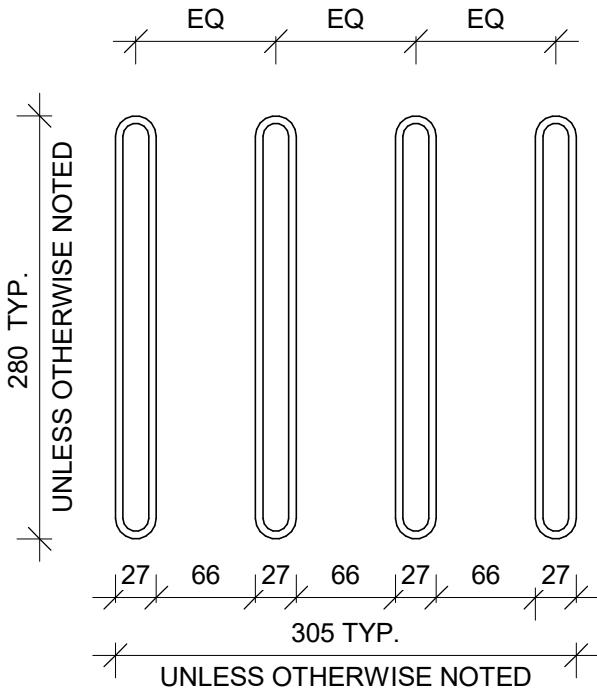
SHEET NUMBER	ISSUE
D1402	A

TA - 1a
EXTERIOR AND INTERIOR APPLICATION



1 TACTILE ATTENTION INDICATOR
D1405 / Scale: 1 : 5

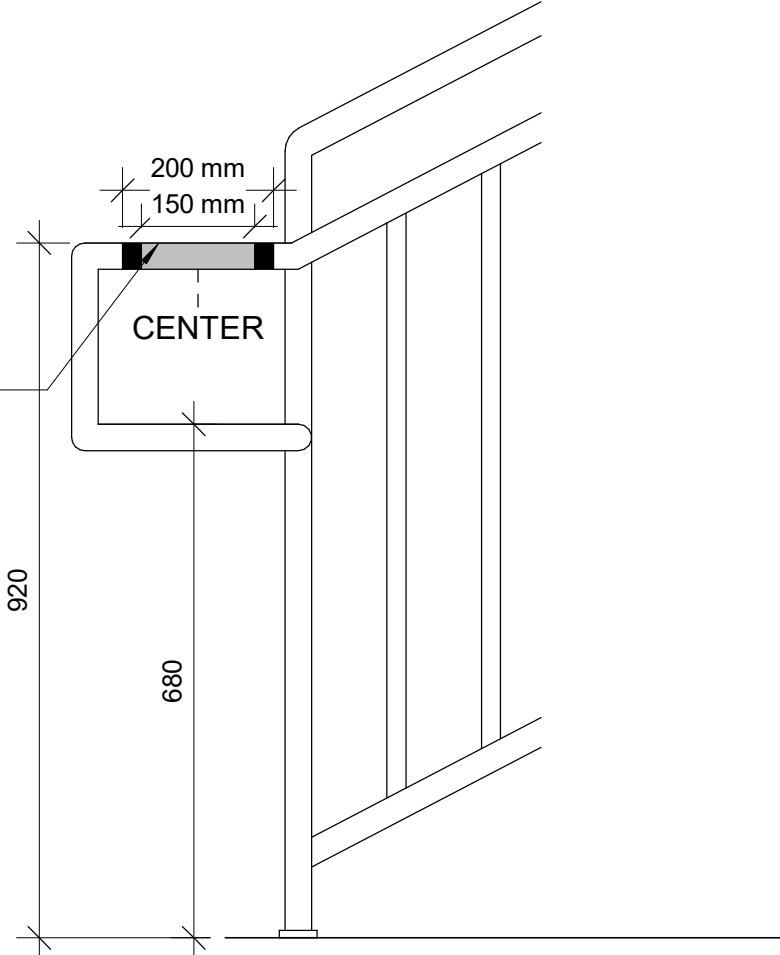
TA-8
INTERIOR APPLICATION



2 GUIDANCE BARS PLAN
D1405 / Scale: 1 : 5

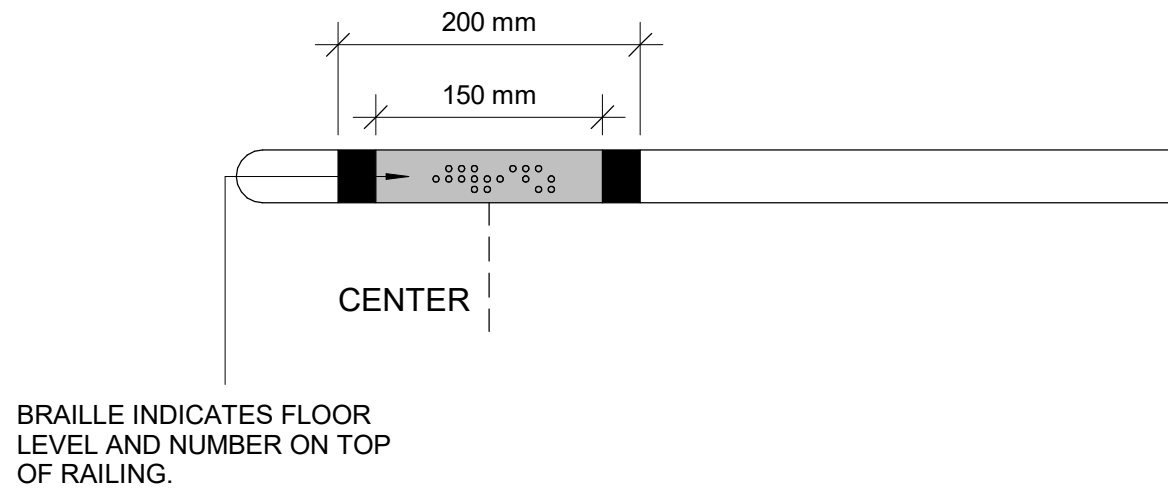
150mm LONG YELLOW COLOUR
WAYFINDING SIGN WITH BRAILLE AND
25mm WIDE RED COLOUR ON EITHER
SIDE OF THE SIGN

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



8 HANDRAIL WARNING STRIP
D1405 / Scale: 1 : 10

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



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

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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

DRAWN BY:
A. BOYNARIAN

CHECKED BY:
K. TILAHUN

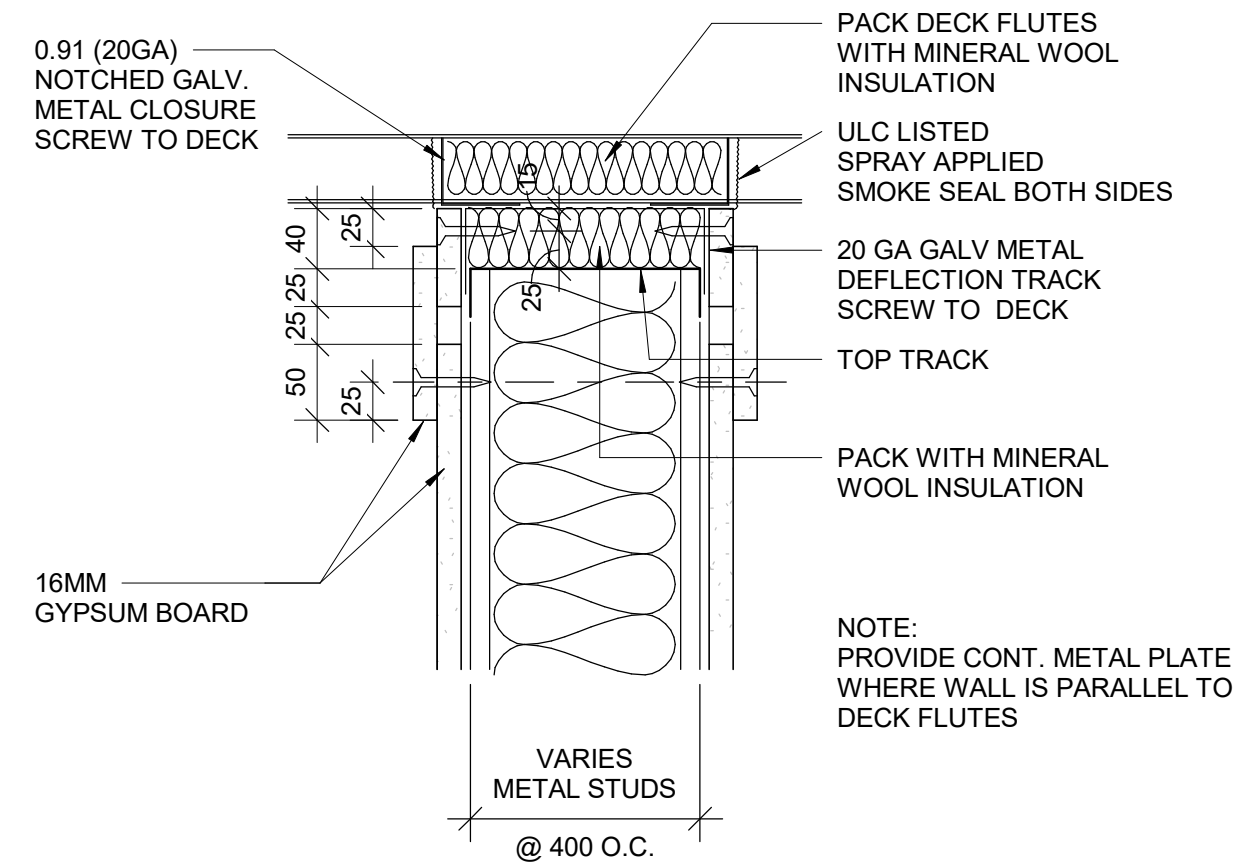
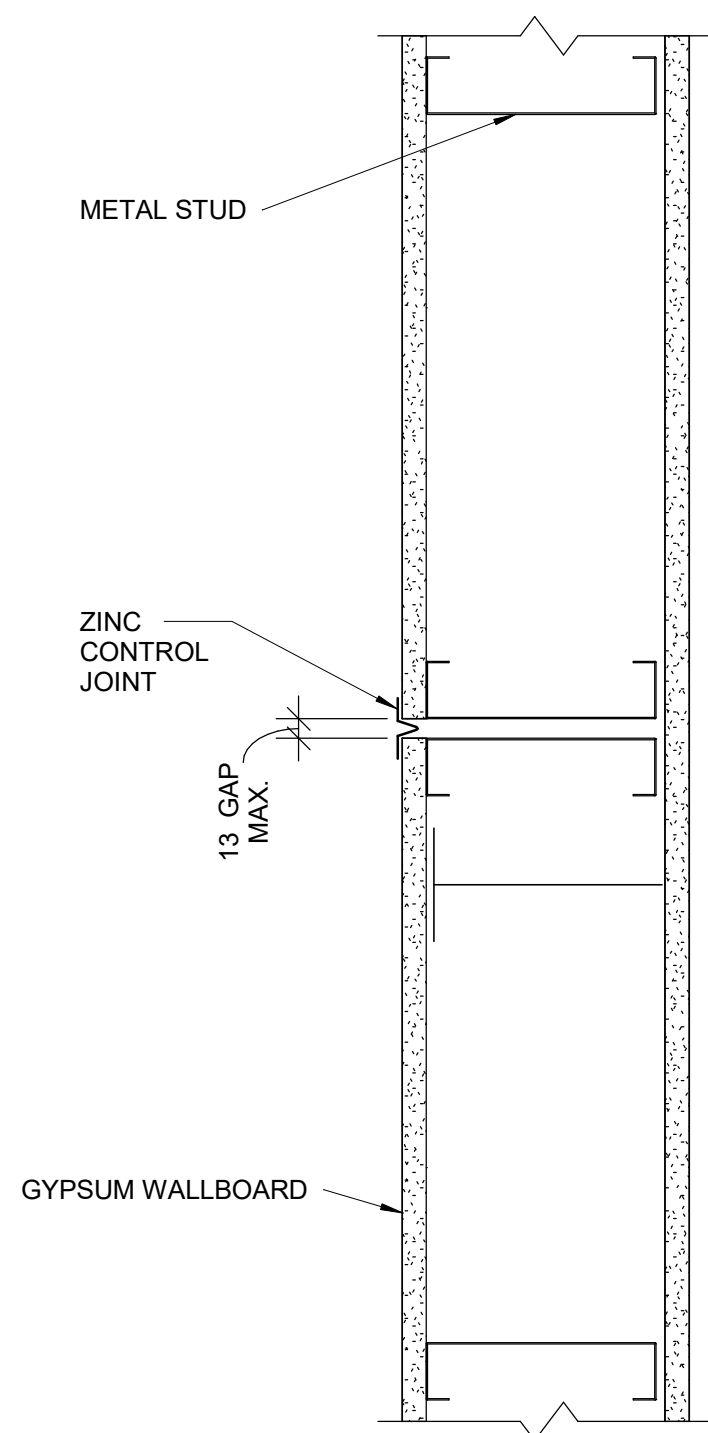
PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
E. FENUTA

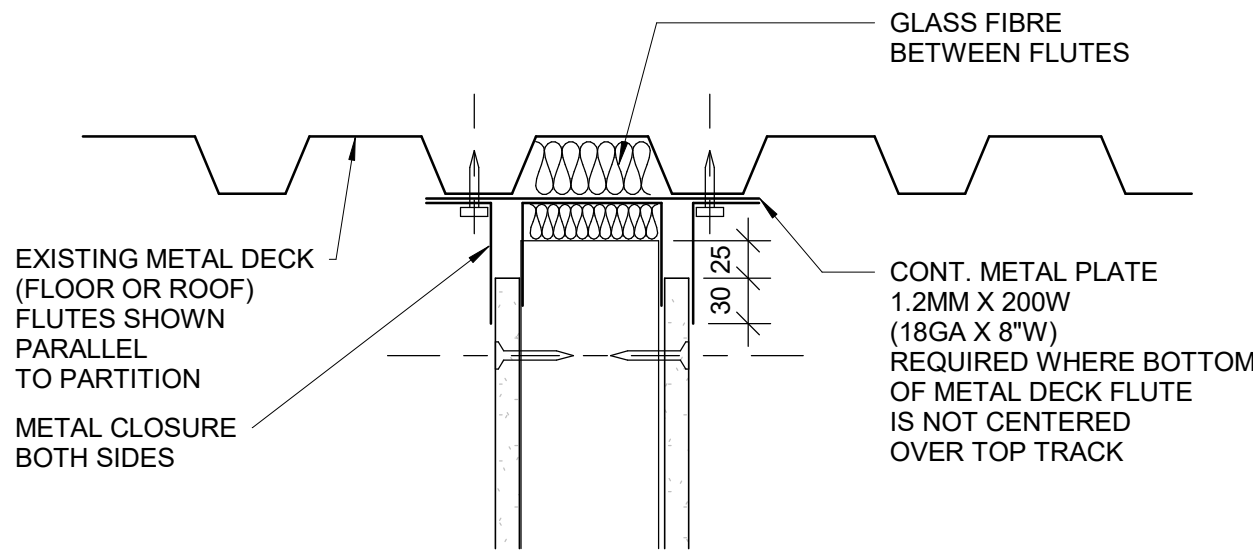
SHEET TITLE
TACTILE DETAILS

SHEET NUMBER
D1405

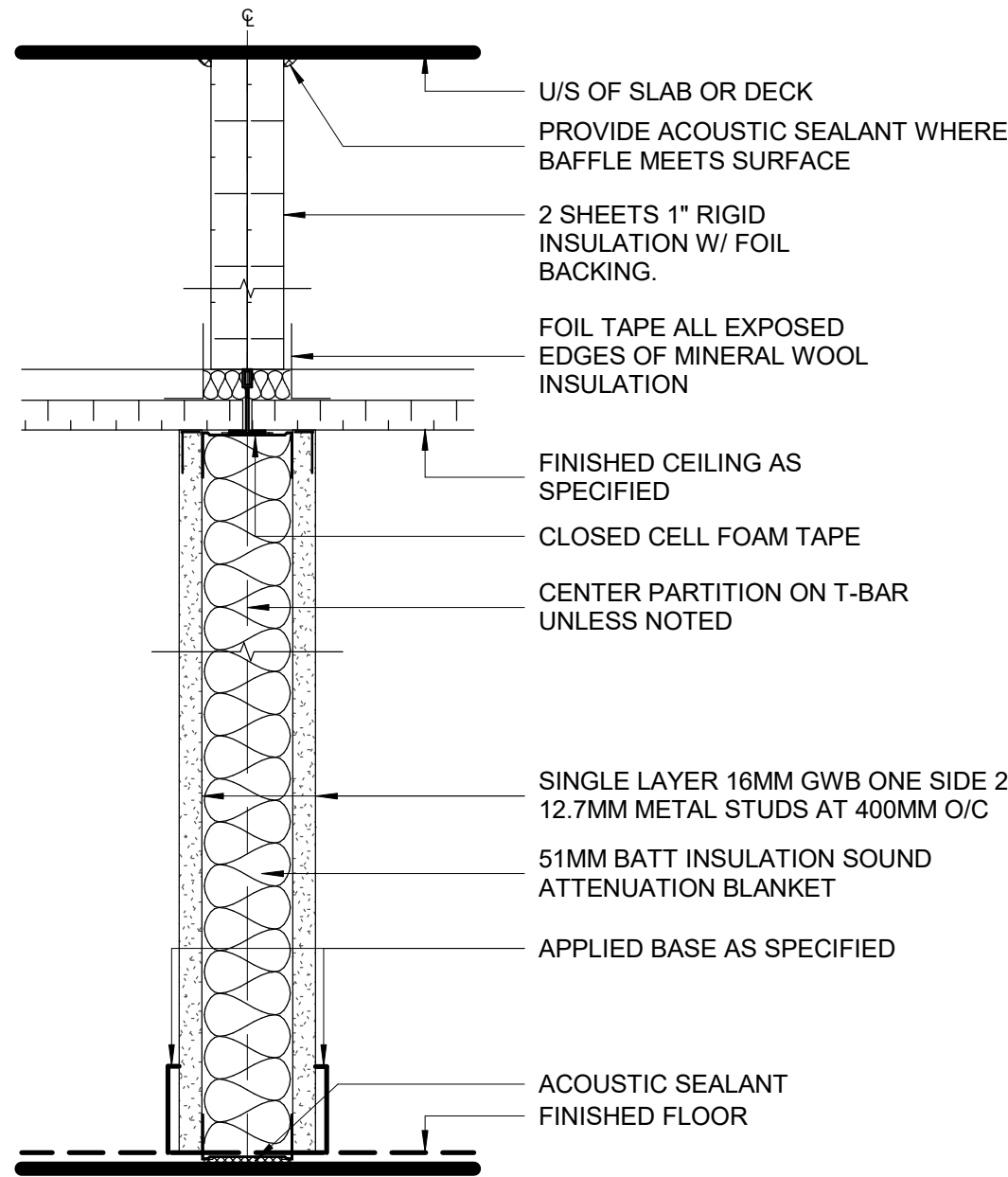
ISSUE
A



3 HEAD DRYWALL FIRE RATED PARTITION
D1501 Scale: 1 : 5



4 HEAD FULL HEIGHT DRYWALL PARTITION - NON RATED
D1501 Scale: 1 : 5



5 DRYWALL - ACOUSTICAL TREATMENT ABOVE CEILING
D1501 Scale: 1 : 5

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ACCESSIBILITY UPGRADES

PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

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

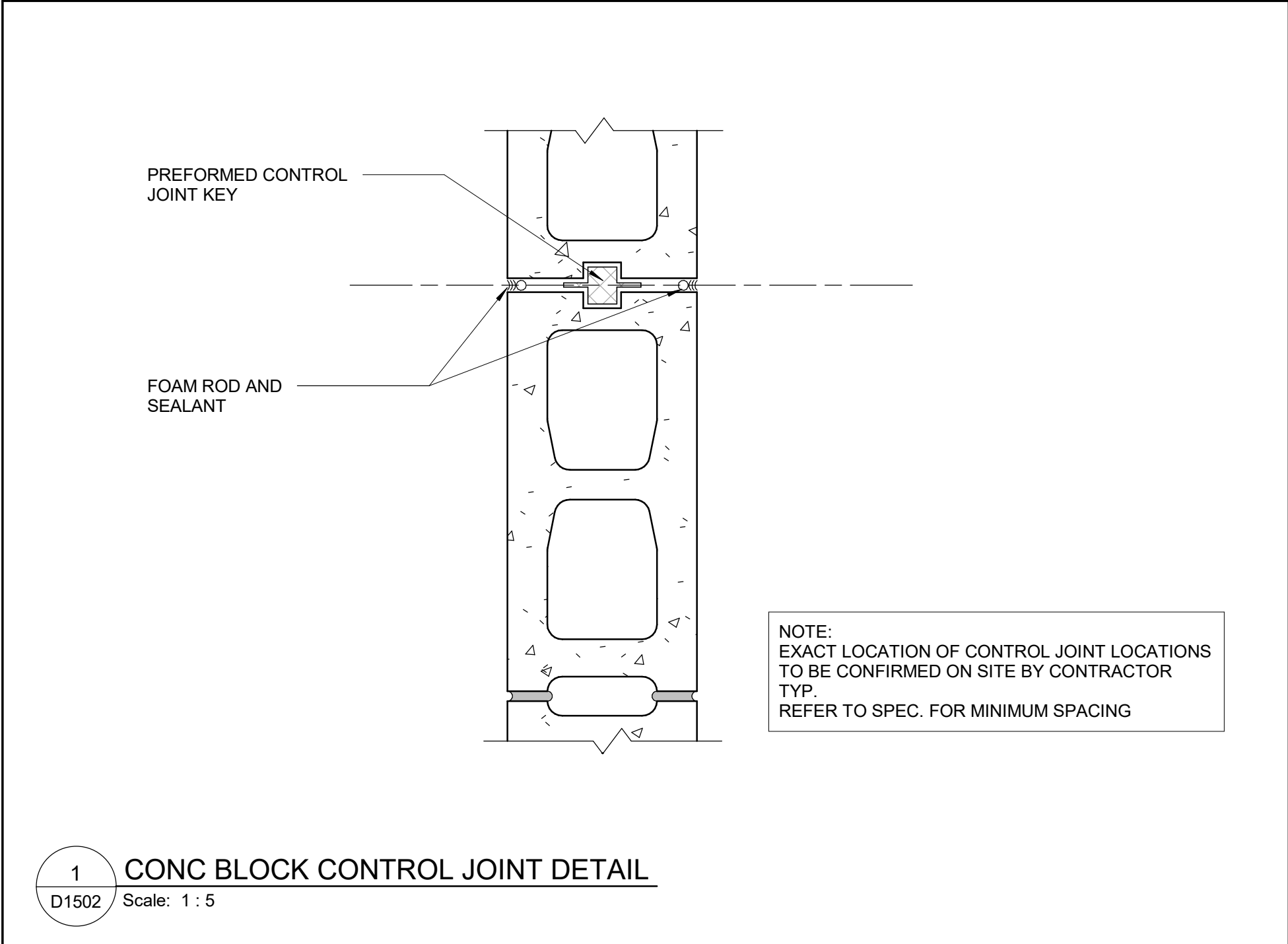
SHEET TITLE

MISCELLANEOUS
DETAILS - 01

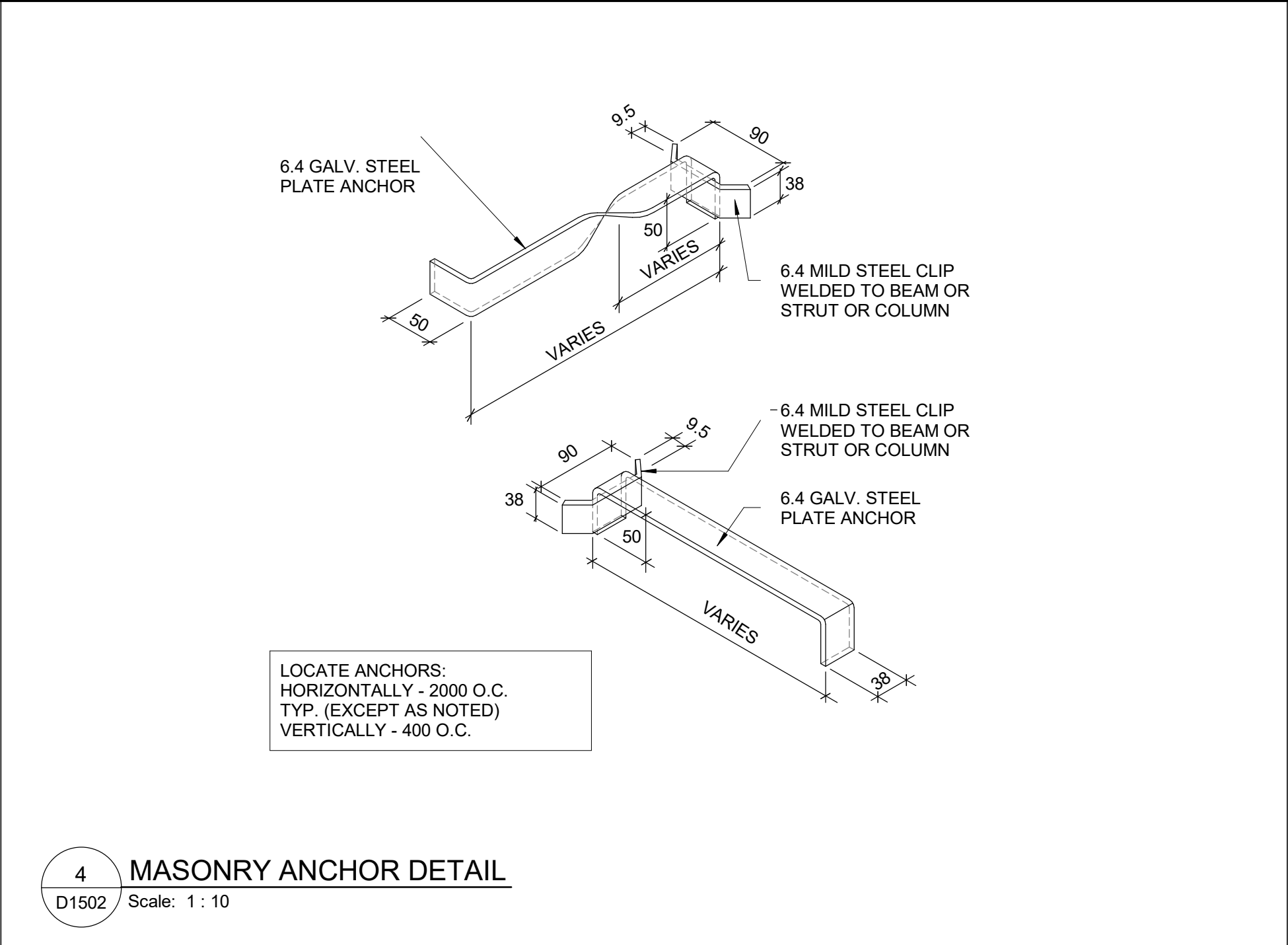
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D1501	A

2025-04-11 10:38:53 AM

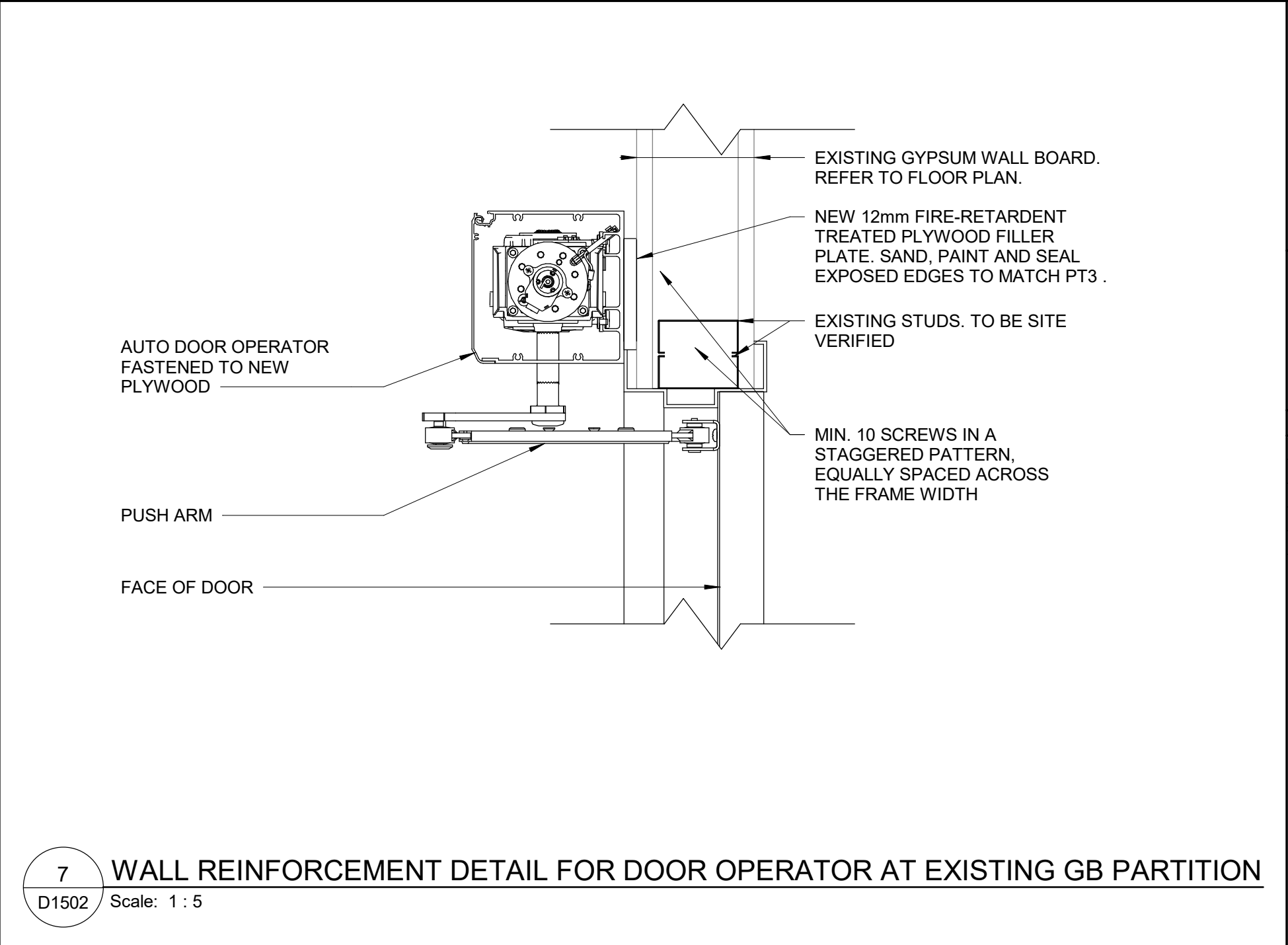
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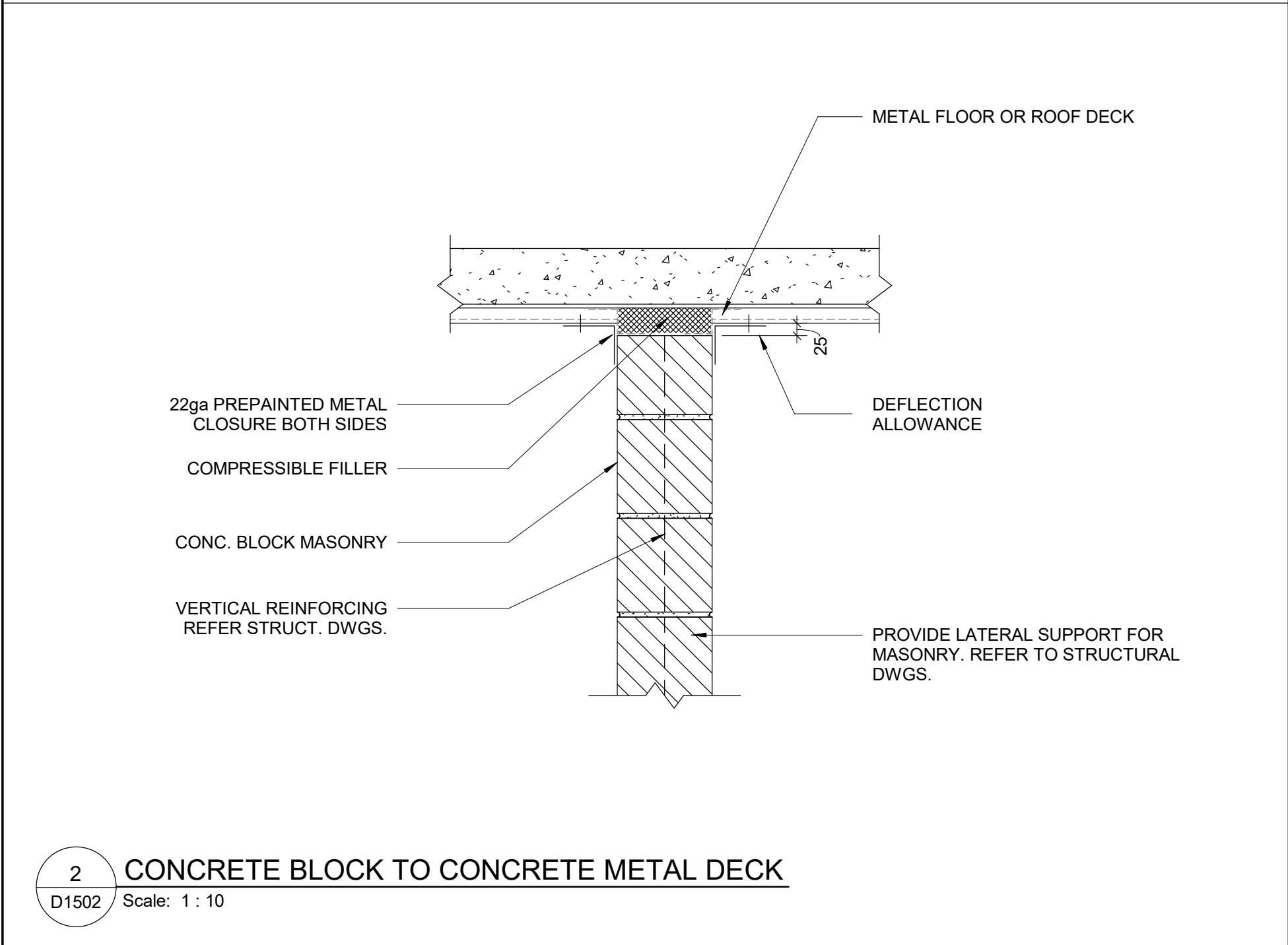
1 CONC BLOCK CONTROL JOINT DETAIL
D1502 Scale: 1 : 5



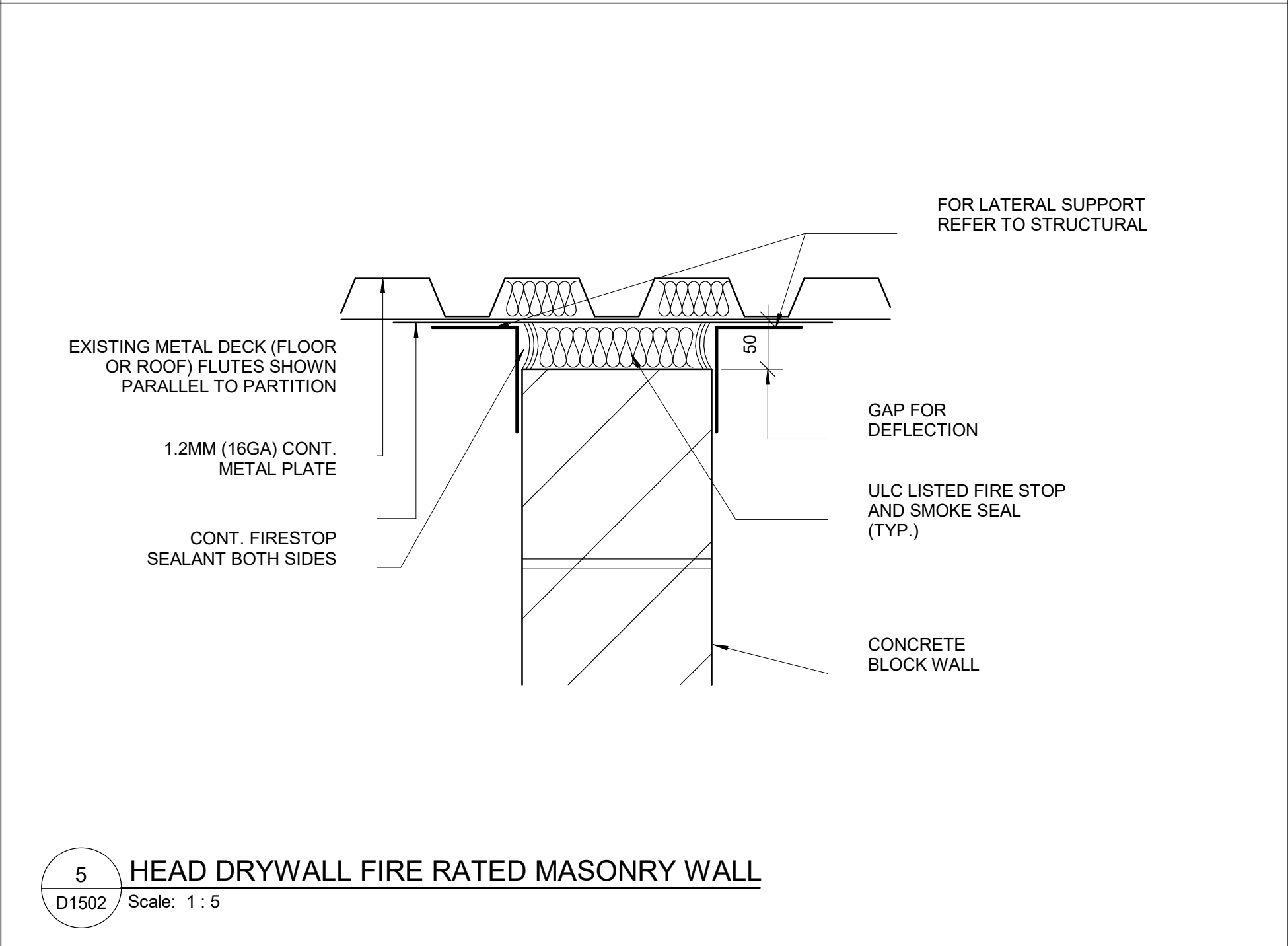
4 MASONRY ANCHOR DETAIL
D1502 Scale: 1 : 10



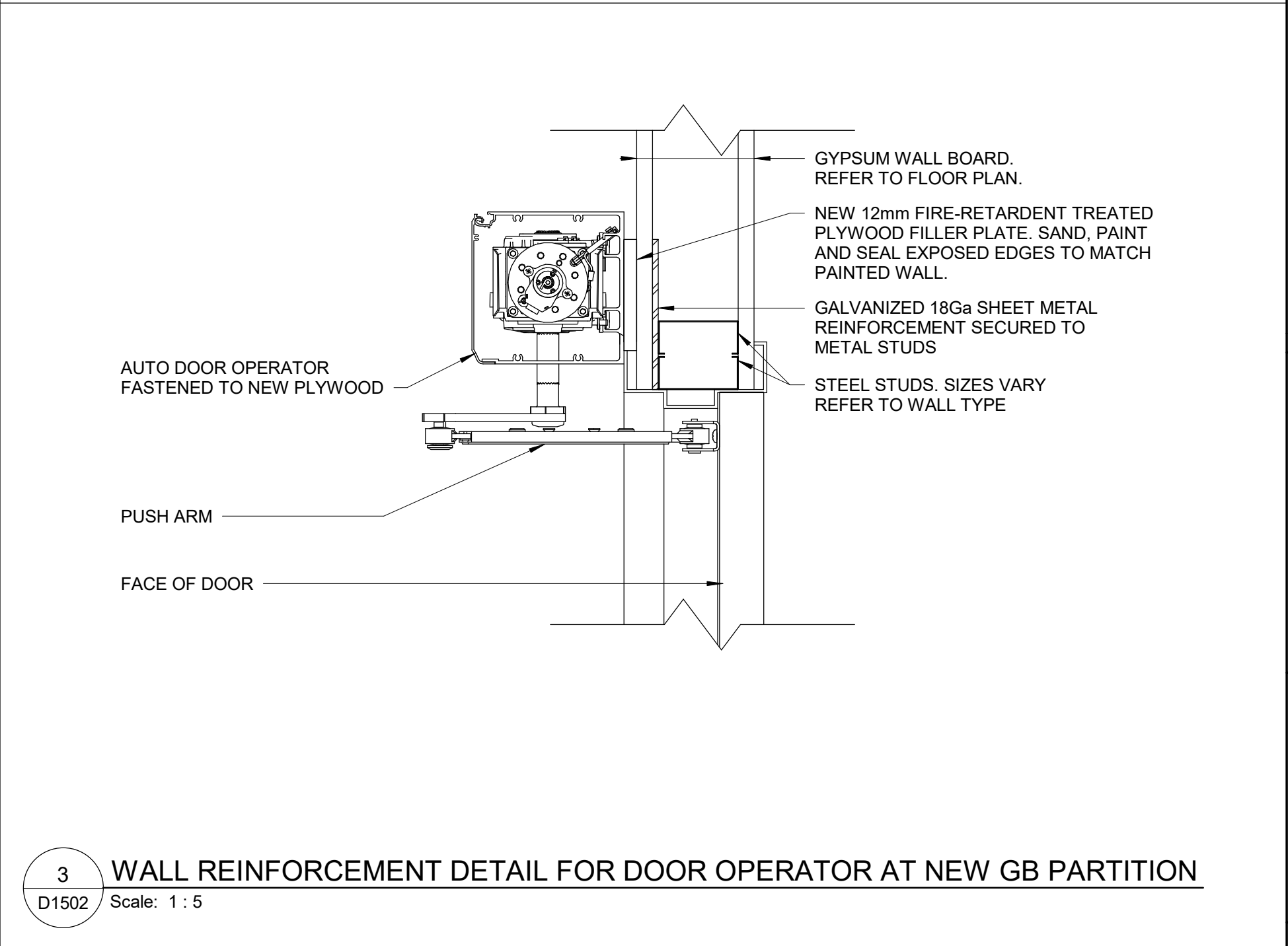
7 WALL REINFORCEMENT DETAIL FOR DOOR OPERATOR AT EXISTING GB PARTITION
D1502 Scale: 1 : 5



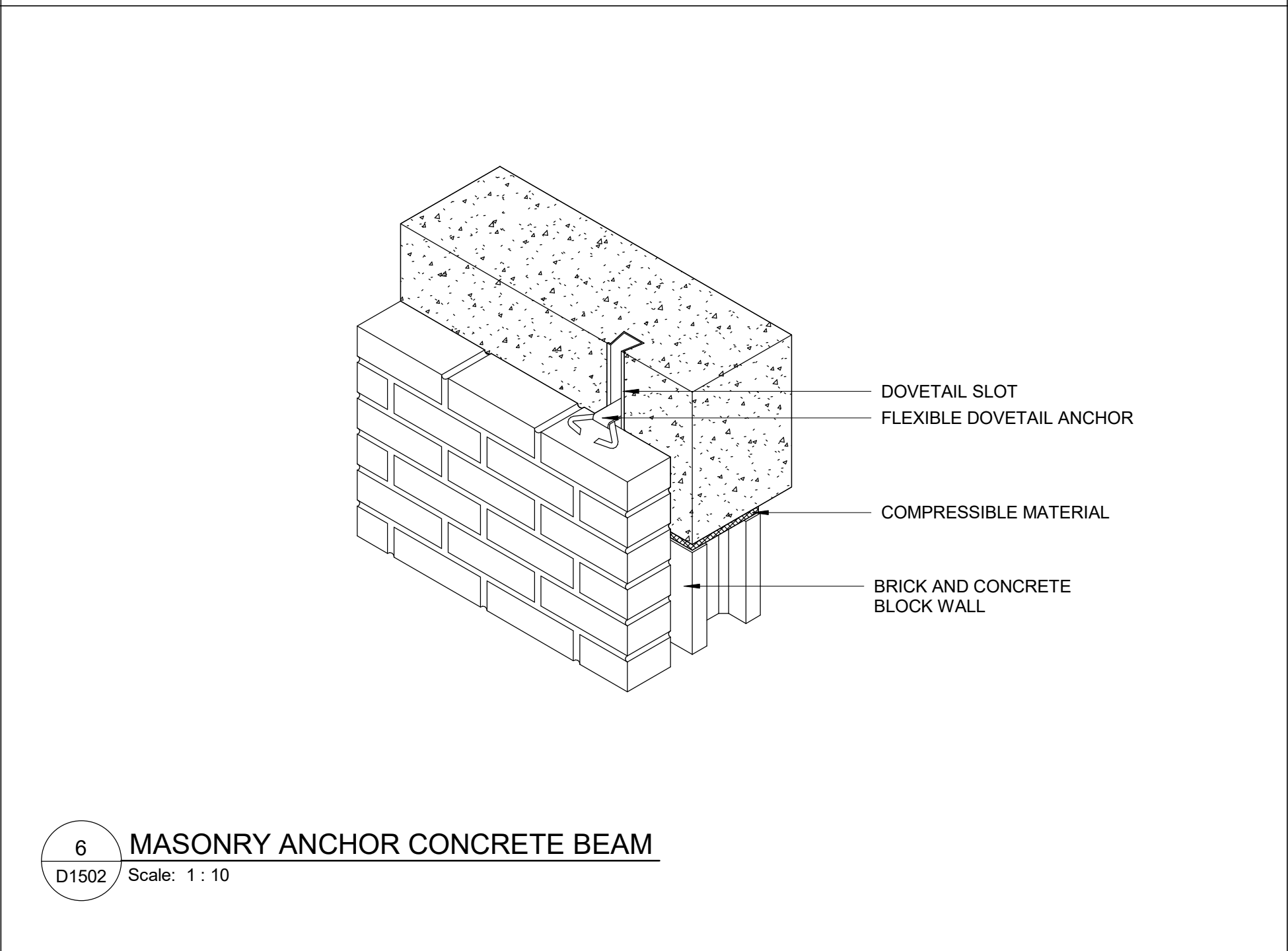
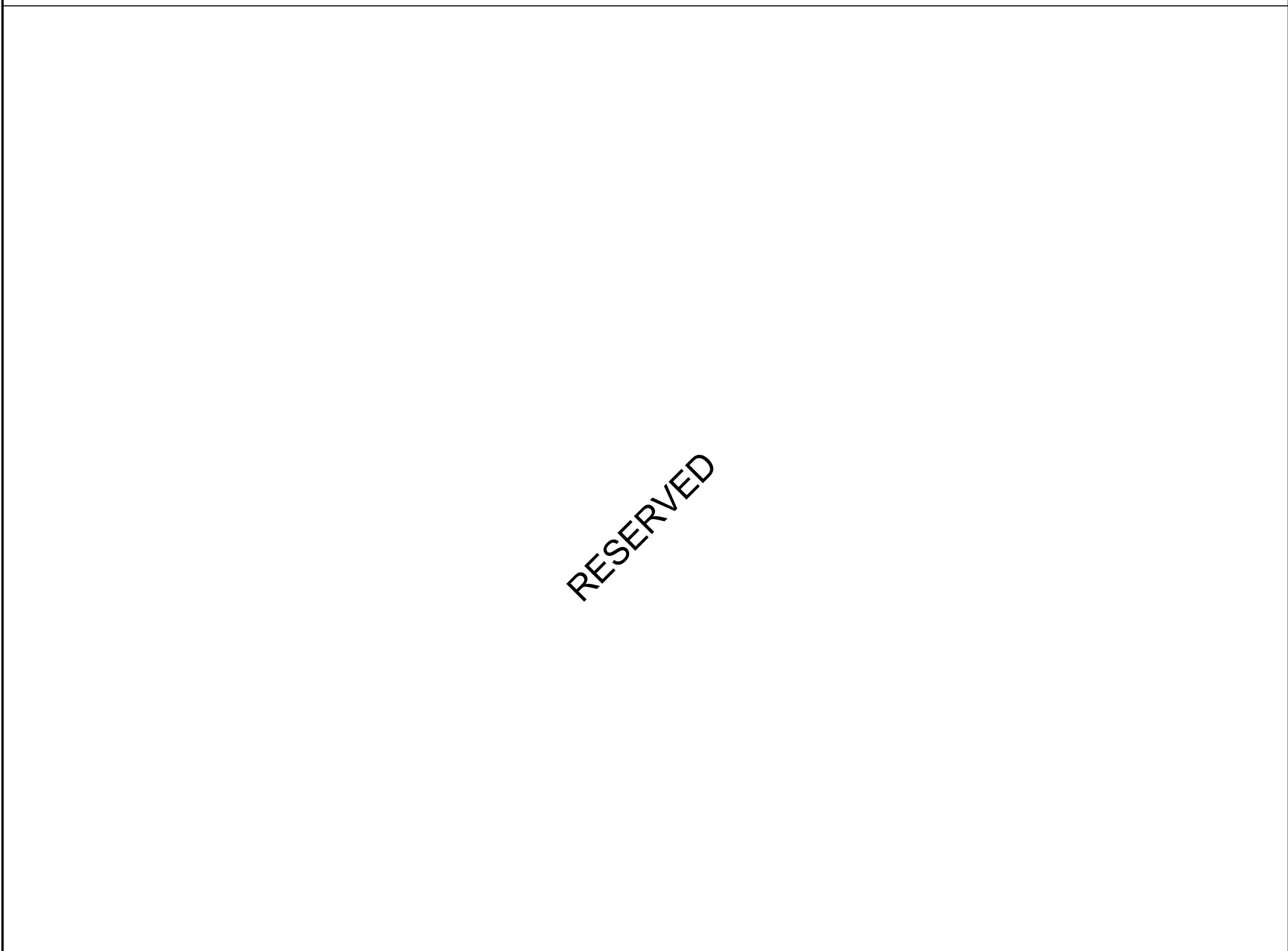
2 CONCRETE BLOCK TO CONCRETE METAL DECK
D1502 Scale: 1 : 10



5 HEAD DRYWALL FIRE RATED MASONRY WALL
D1502 Scale: 1 : 5



3 WALL REINFORCEMENT DETAIL FOR DOOR OPERATOR AT NEW GB PARTITION
D1502 Scale: 1 : 5



6 MASONRY ANCHOR CONCRETE BEAM
D1502 Scale: 1 : 10

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PROJECT TITLE

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ACCESSIBILITY UPGRADES

PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

DRAWN BY:
A. BOYNARIAN

CHECKED BY:
K. TILAHUN

PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
E. FENUITA

SHEET TITLE

MISCELLANEOUS
DETAILS -02

SHEET NUMBER

D1502

ISSUE

A

2025-04-11 10:39:53 AM

SCALE CHECK
1 in
10mm

RESERVED

RESERVED

RESERVED

RESERVED

RESERVED

RESERVED


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PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

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

SHEET TITLE
ELEVAOTOR DETAILS

SHEET NUMBER D1601	ISSUE A
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SCALE CHECK

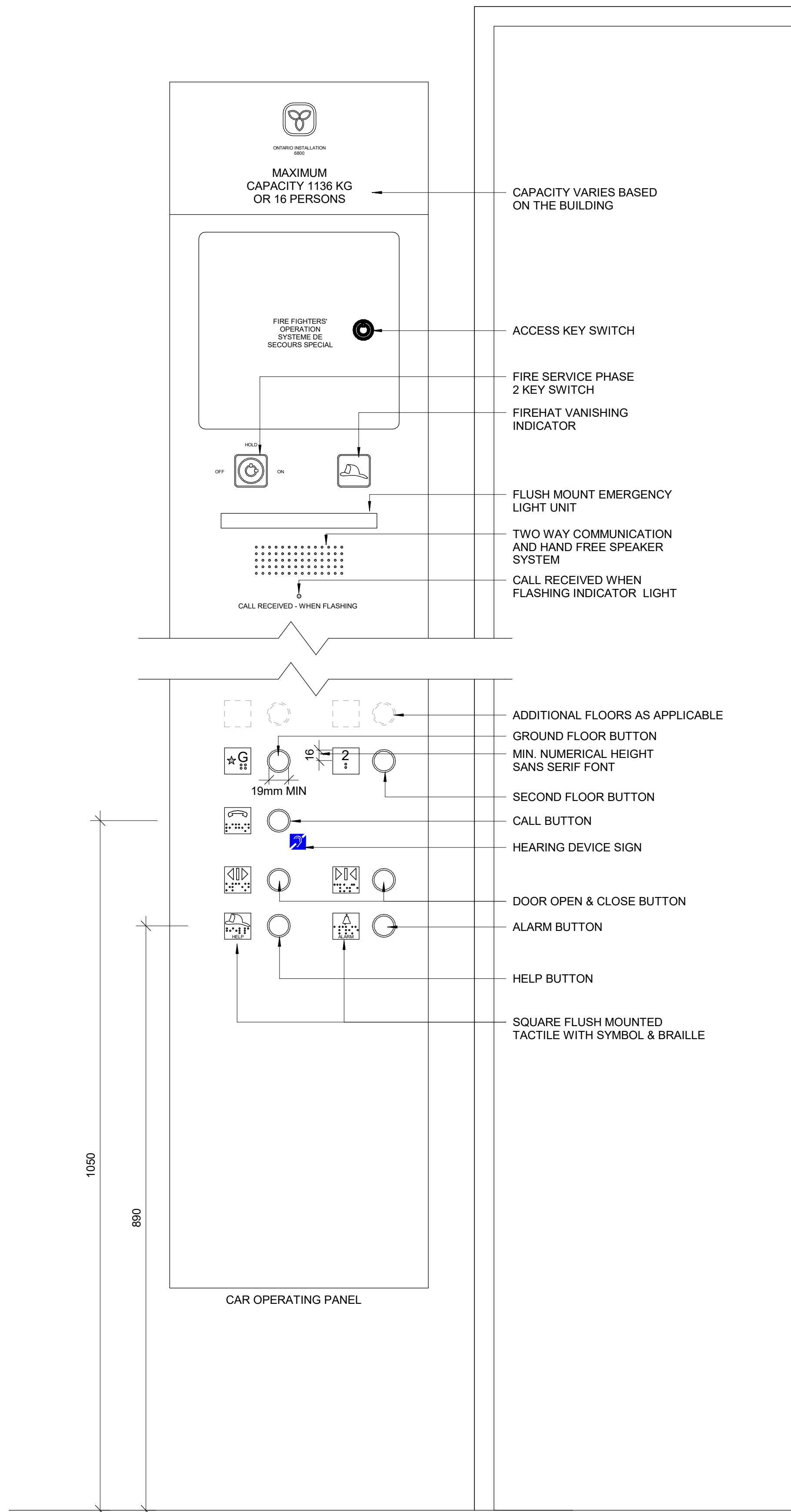
1 in

10mm

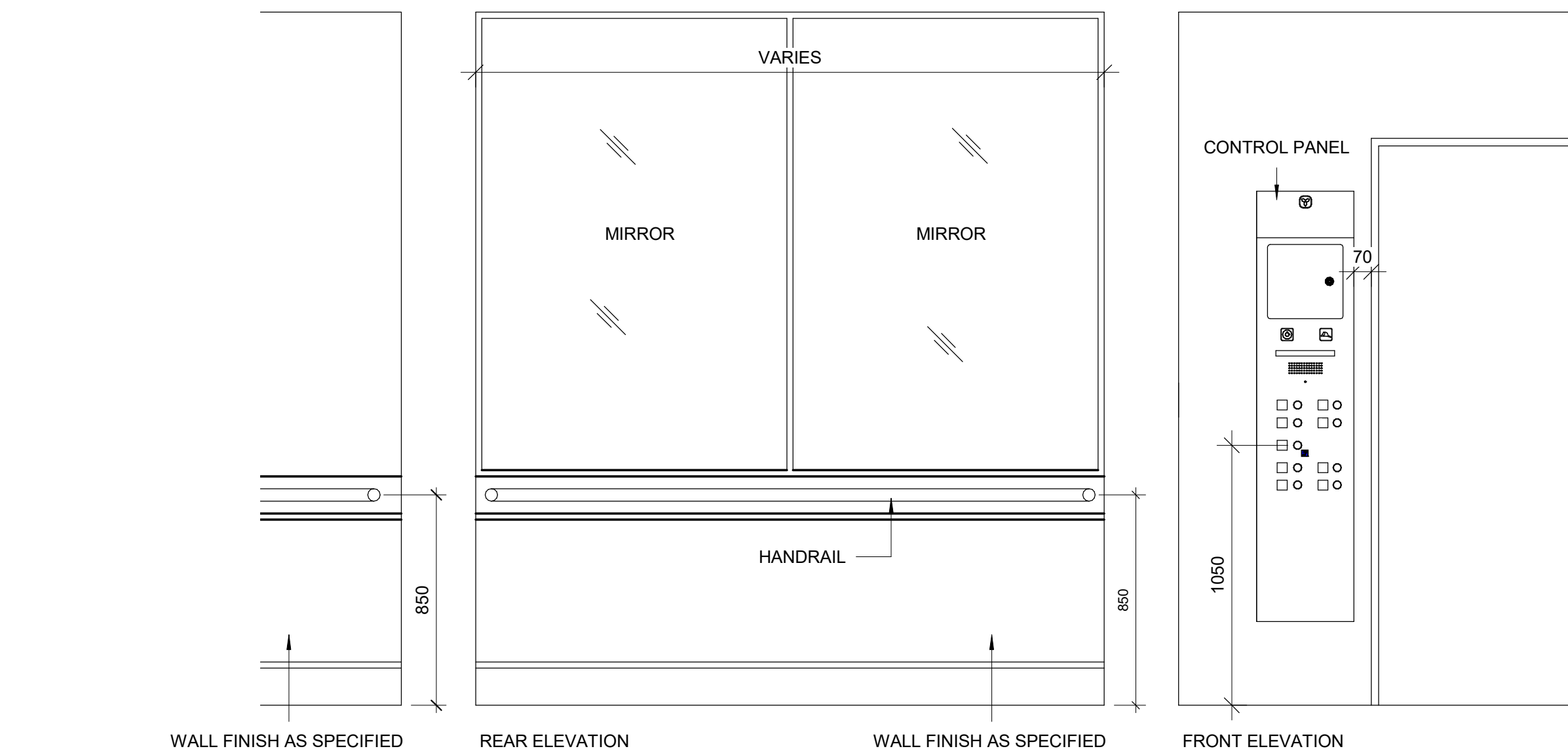
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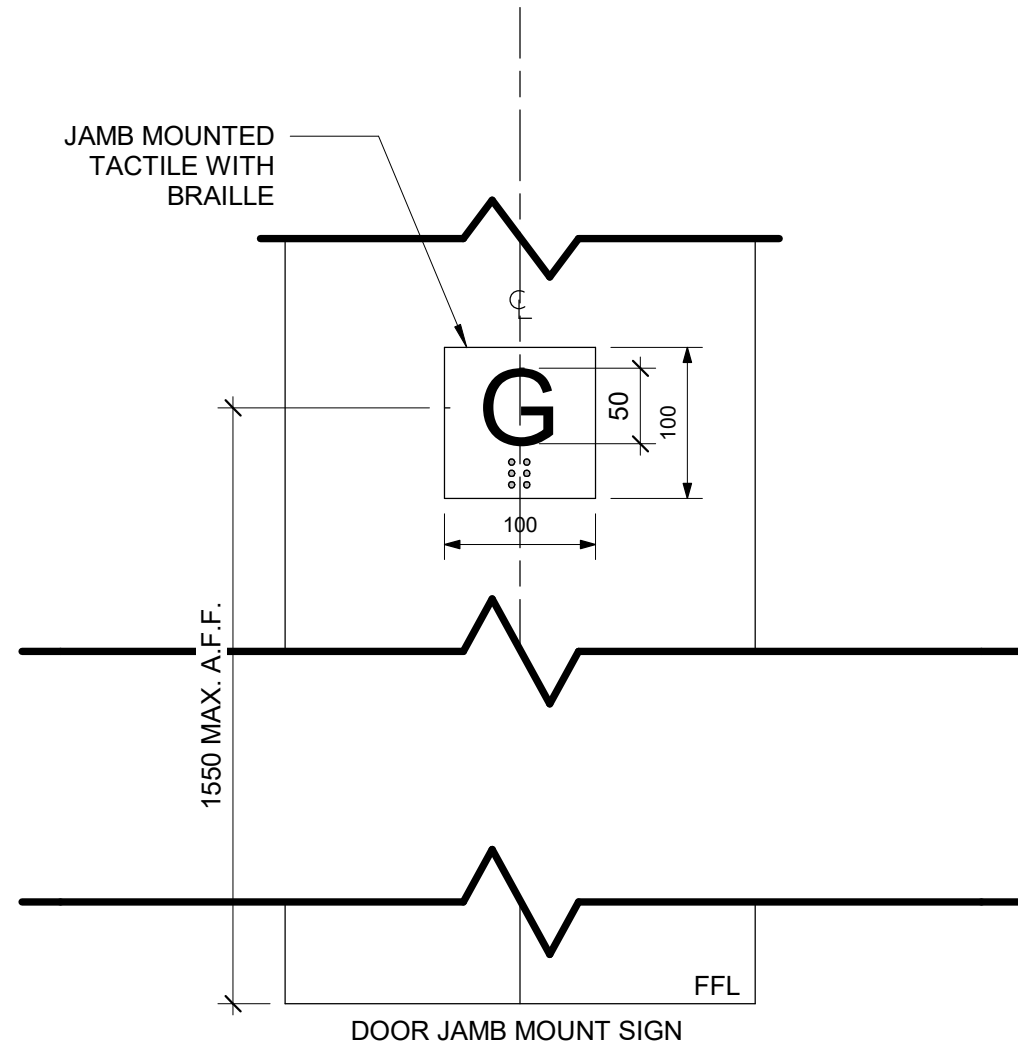
1 INTERIOR ELEVATOR CONTROLS
D1602 Scale: 1 : 5



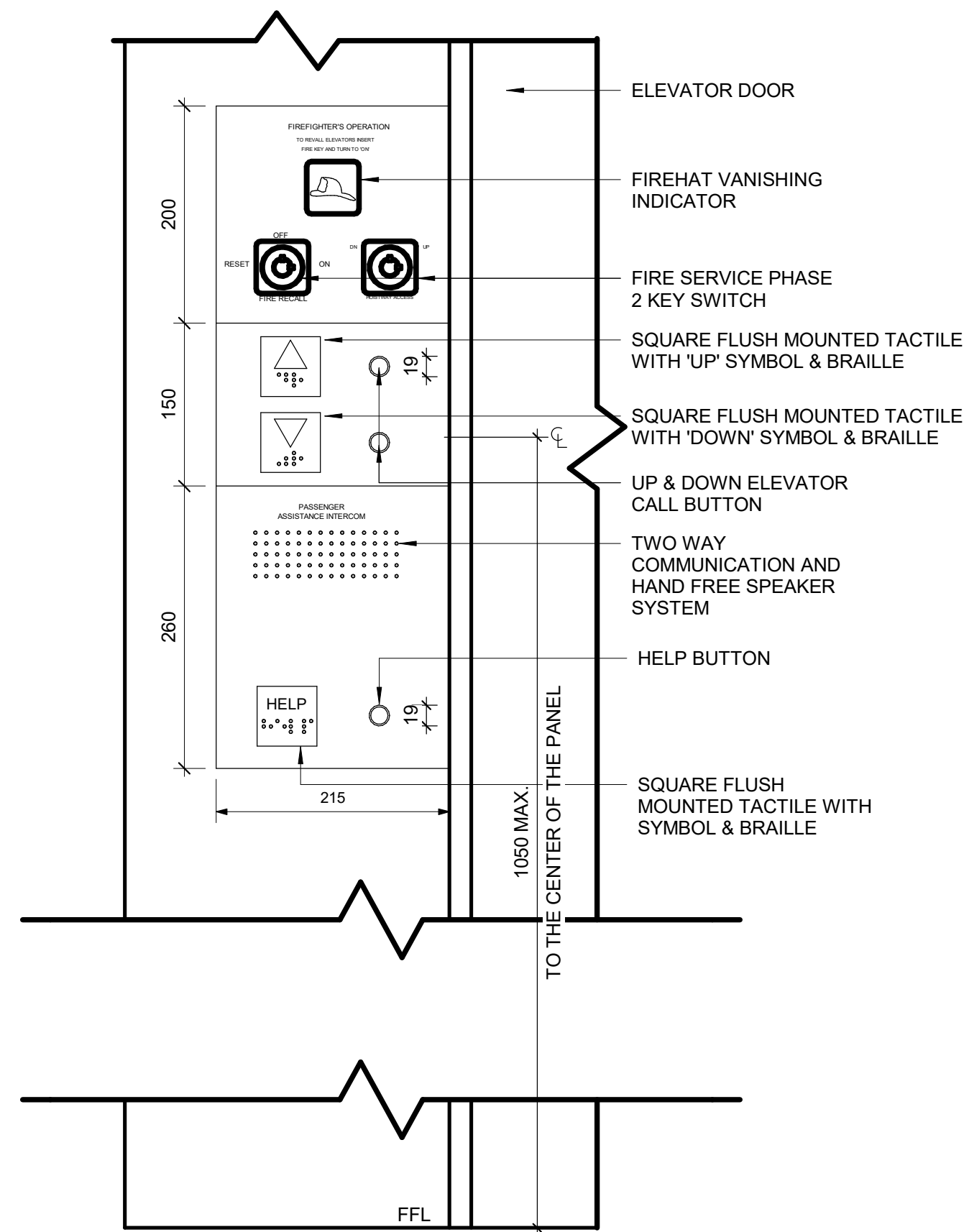
2 ELEVATOR INTERIOR ELEVATIONS
D1602 Scale: 1 : 20



3 TACTILE FLOOR MARKER
D1602 Scale: 1 : 5



4 ELEVATOR EXTERIOR PANEL ELEVATION
D1602 Scale: 1 : 5



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PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

DRAWN BY:
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CHECKED BY:
K. TILAHUN

PROJECT MGR:
F. BOLOURIAN

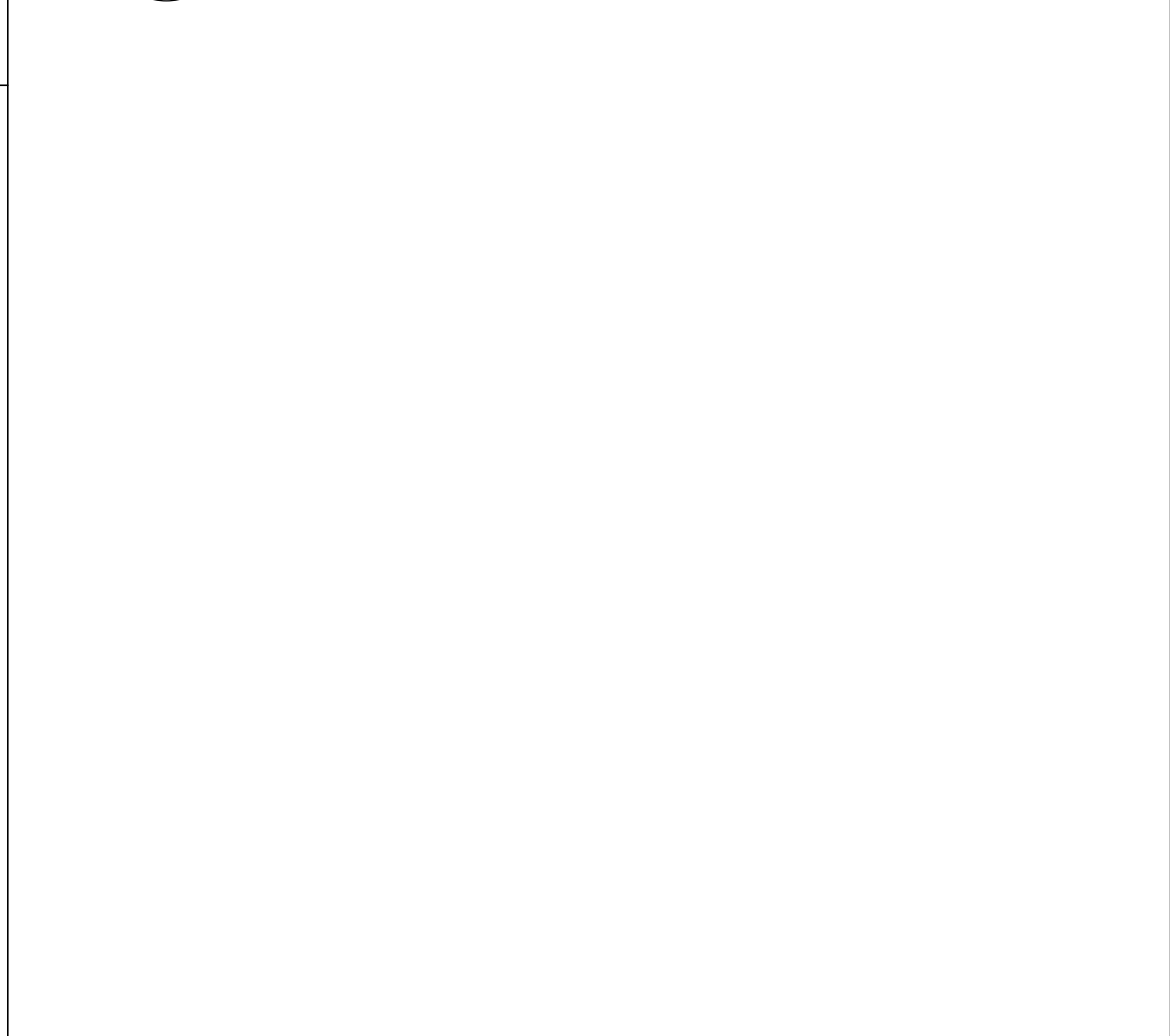
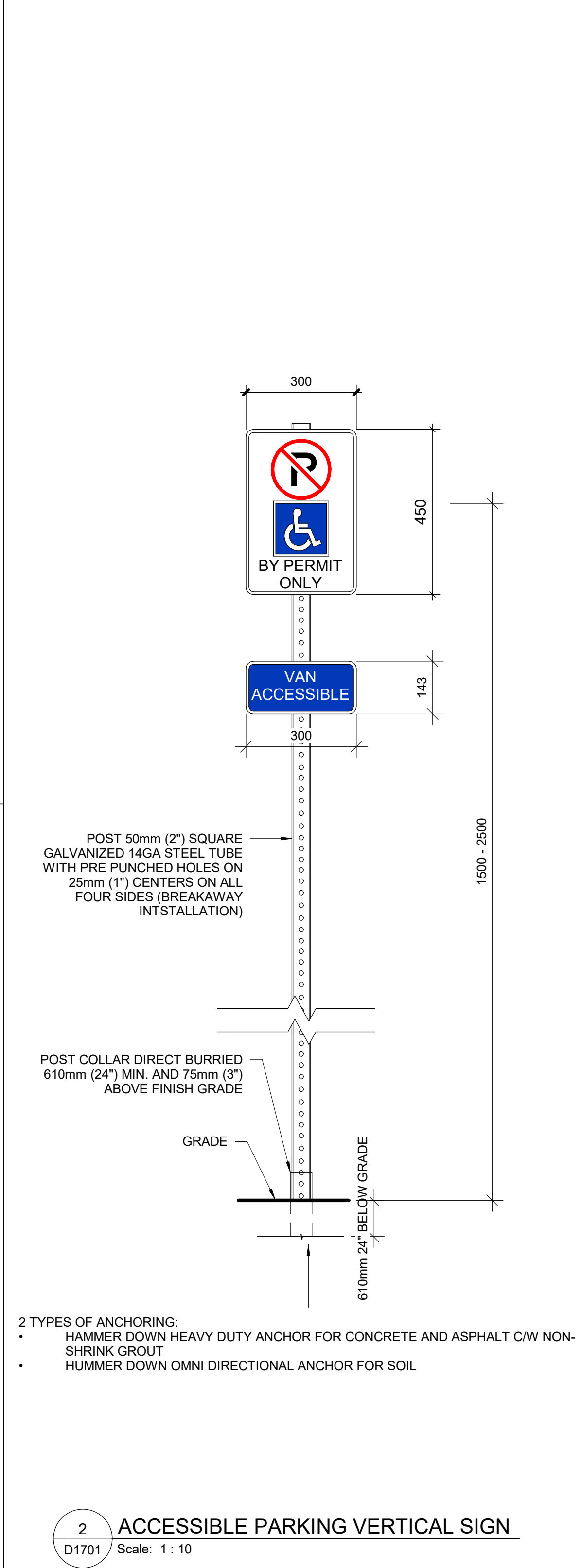
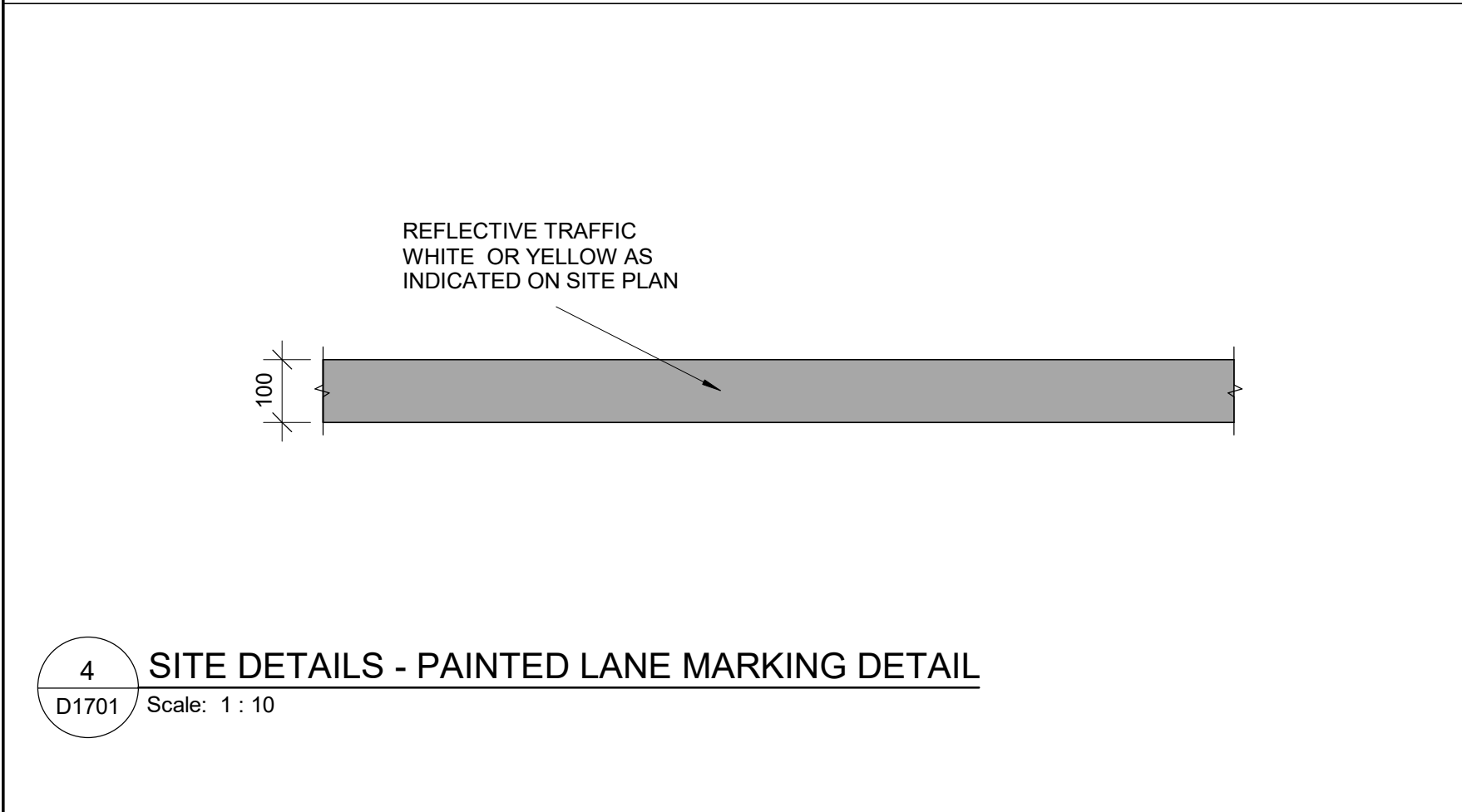
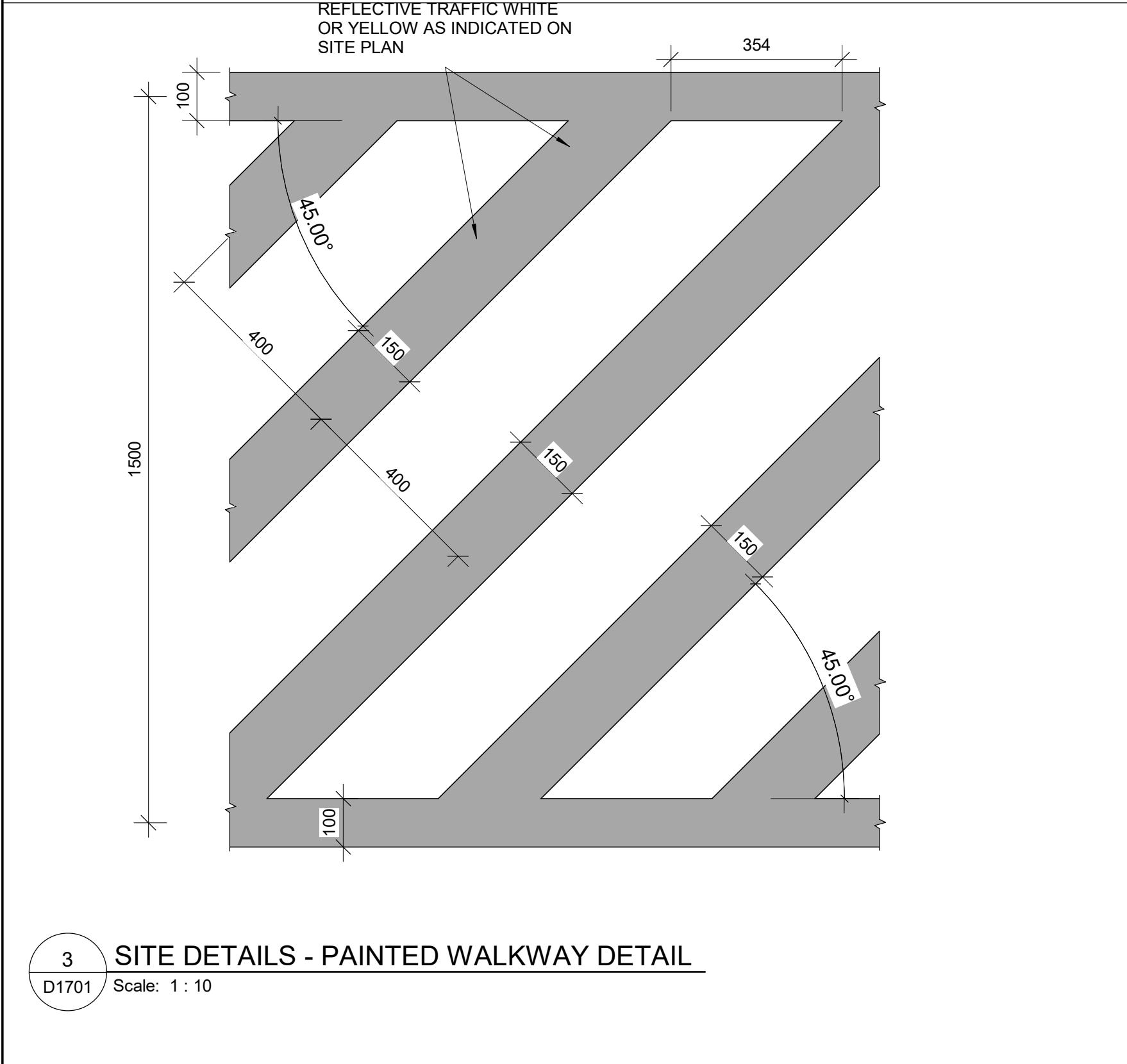
APPROVED BY:
E. FENUITA

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

SHEET NUMBER
D1602

ISSUE
A

SCALE CHECK
1"=10mm



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

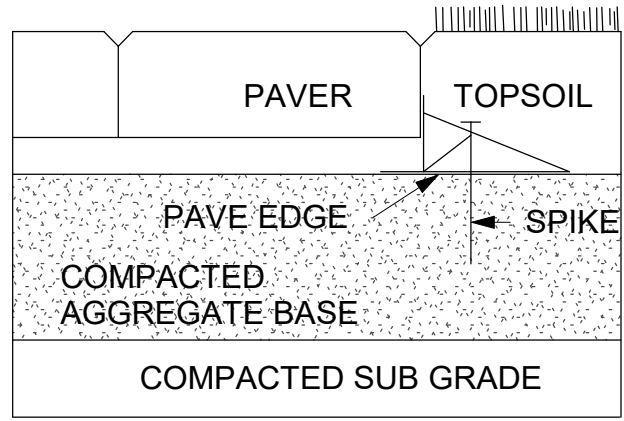
SHEET TITLE

ACCESSIBLE PARKING
AND SITE MARKING
DETAILS

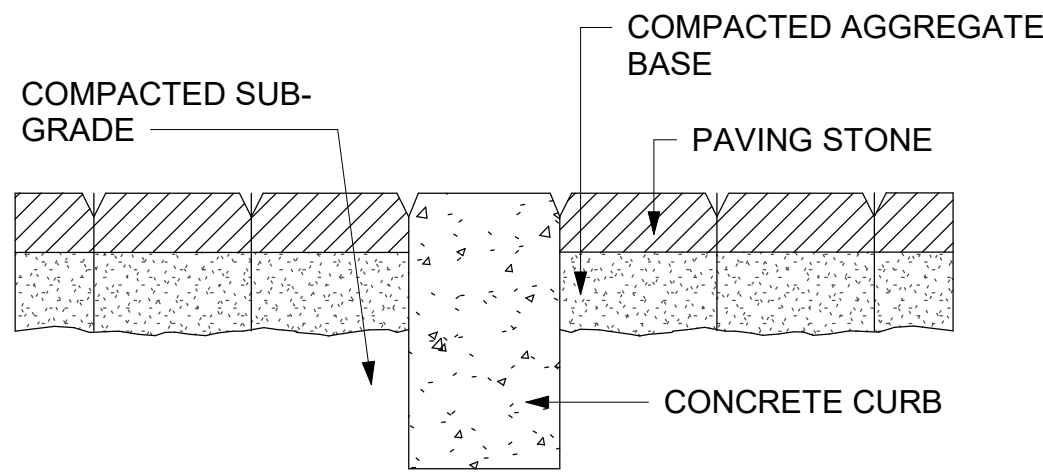
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D1701	A

2025-04-11 10:38:53 AM

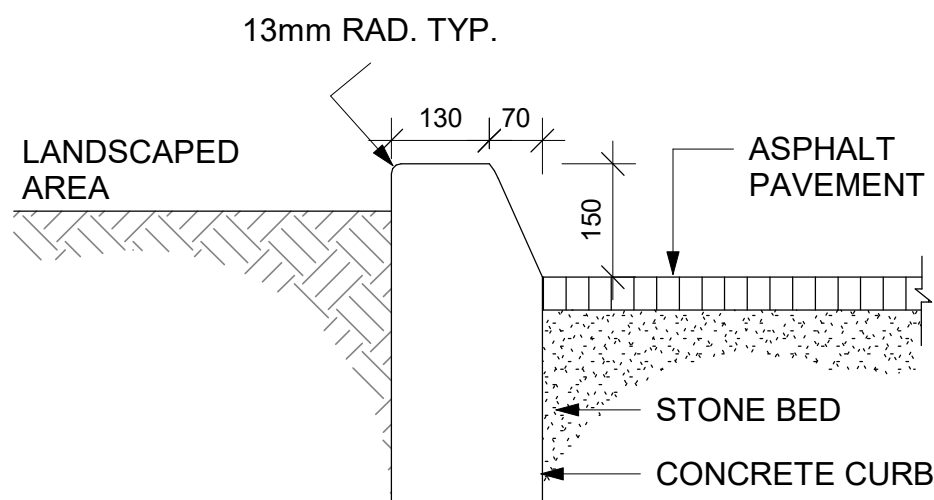
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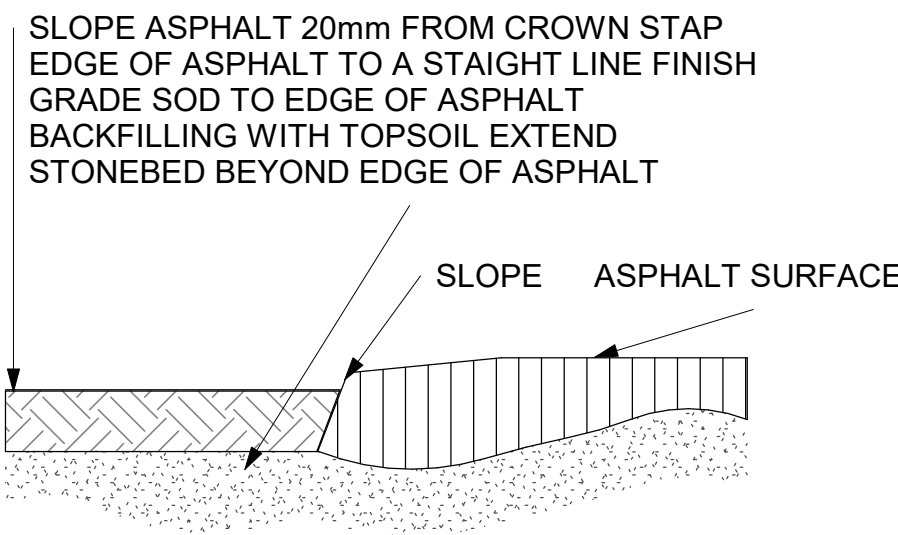
1 PAVER
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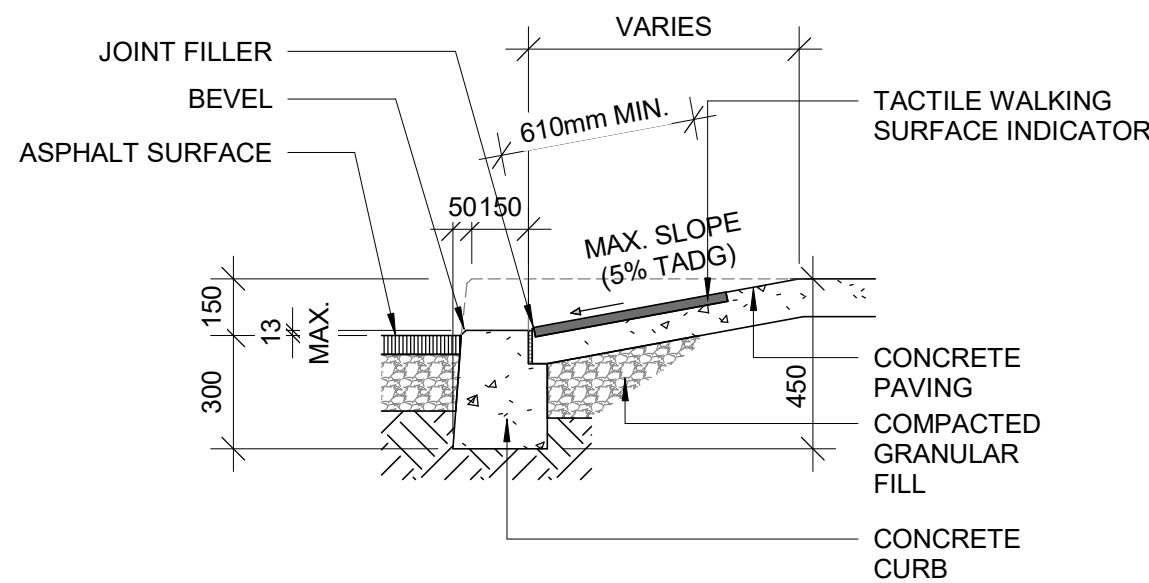
2 DEPRESSION CURB
D1702 Scale: 1 : 10



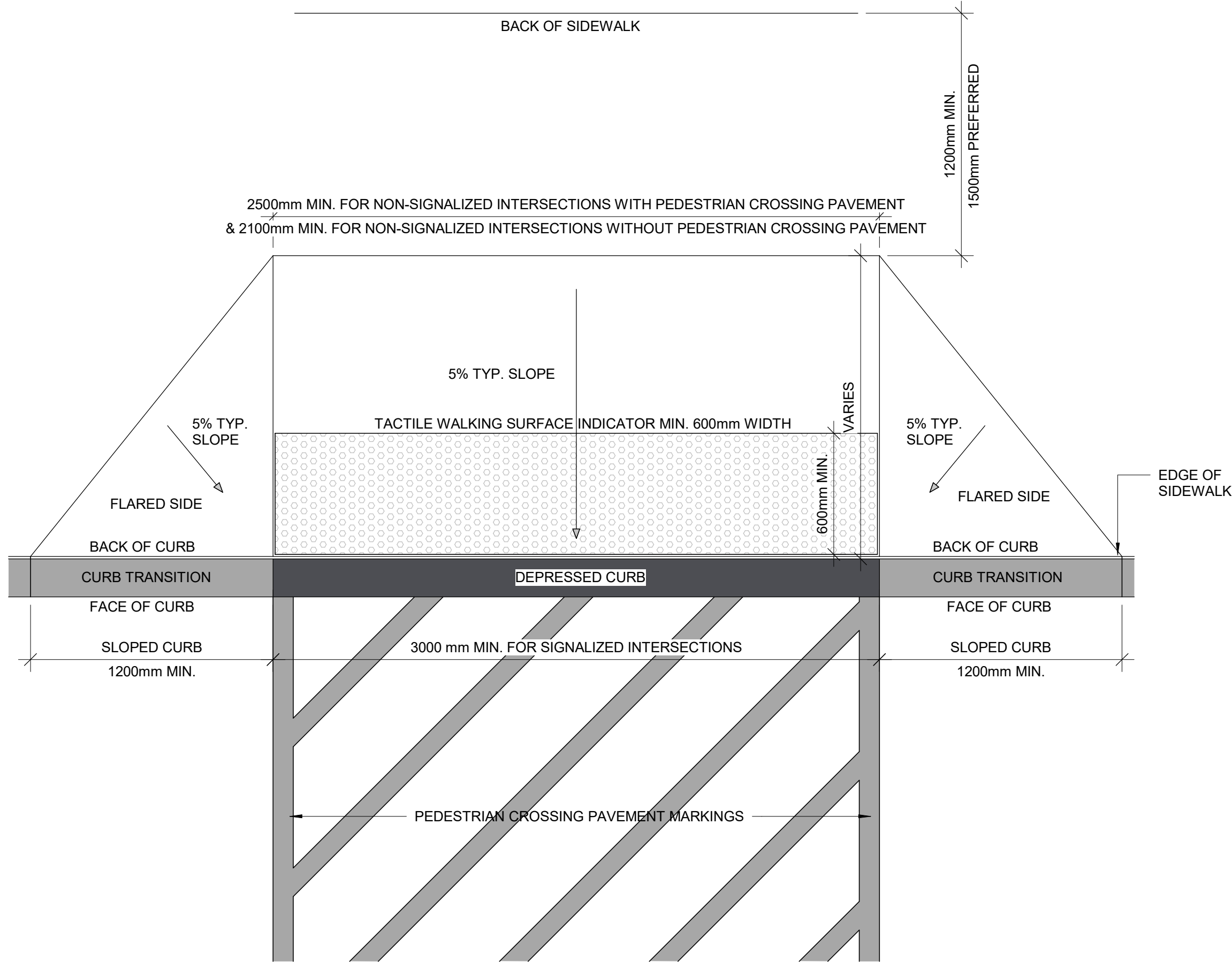
3 CURB DETAIL AT LANDSCAPED AREA
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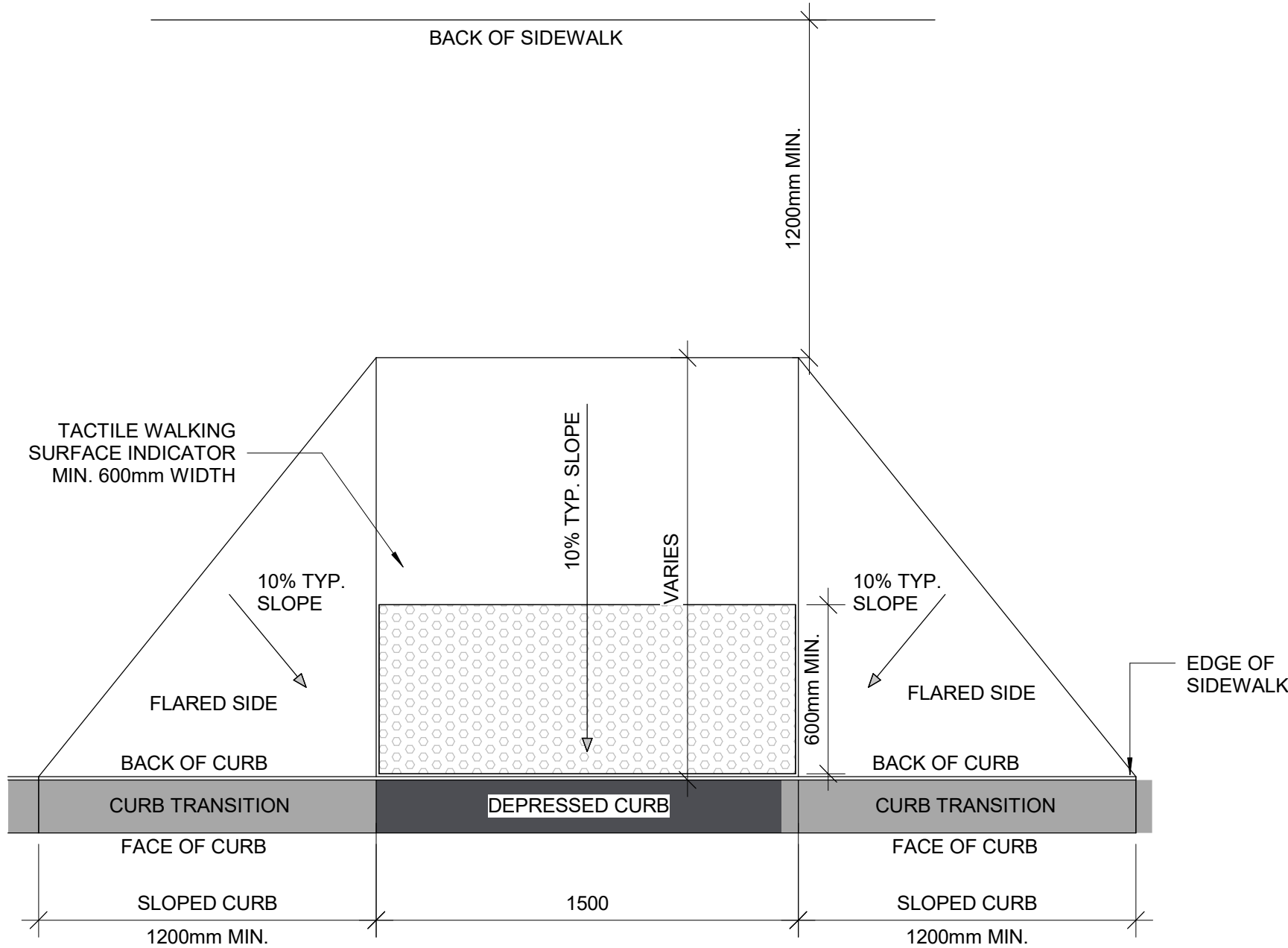
4 ASPHALT EDGE
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6 CURB RAMP SECTION
D1702 Scale: 1 : 20



5 LARGE CURB RAMP PLAN
D1702 Scale: 1 : 20



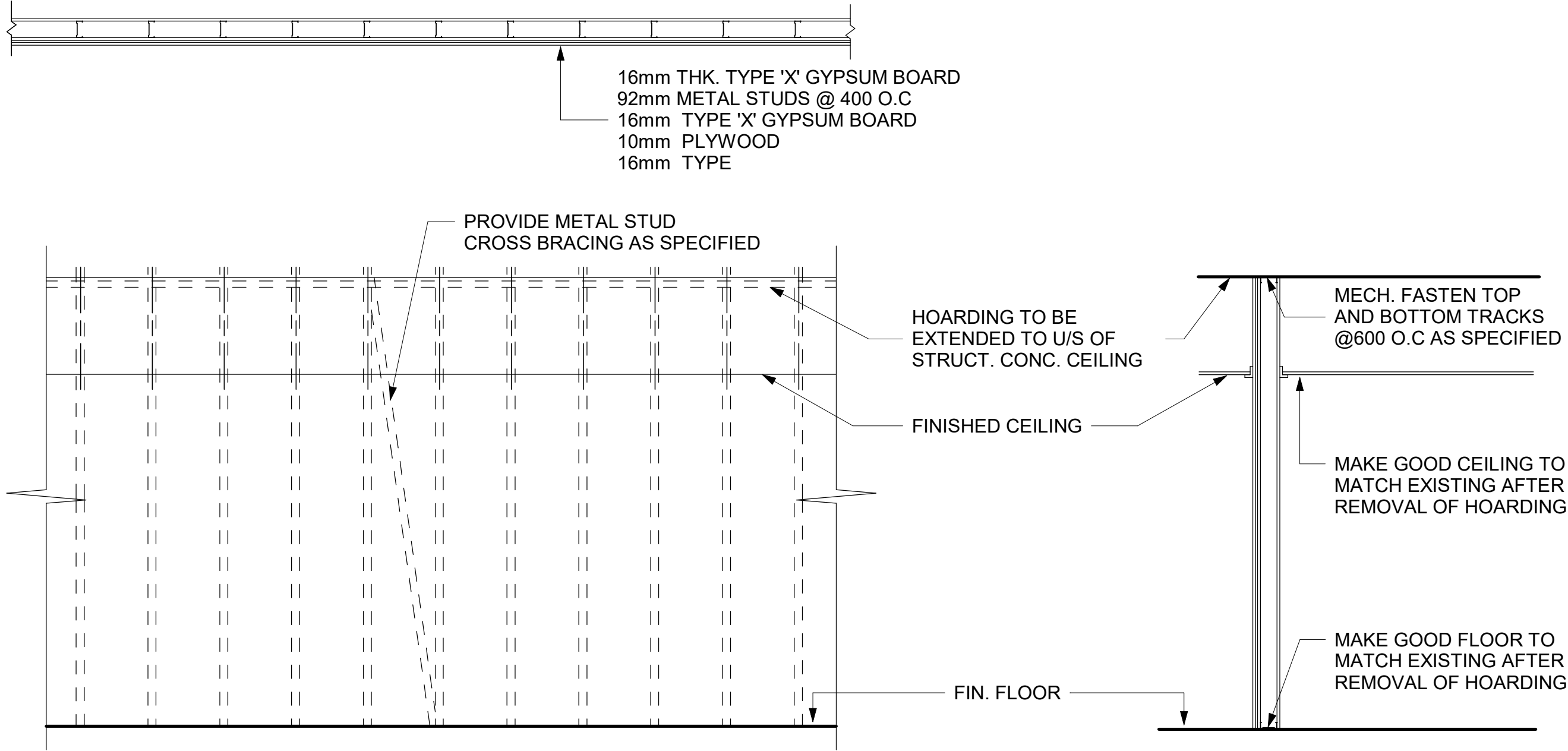
7 CURB RAMP PLAN
D1702 Scale: 1 : 20

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A	ISSUED FOR TENDER	2025-04-11

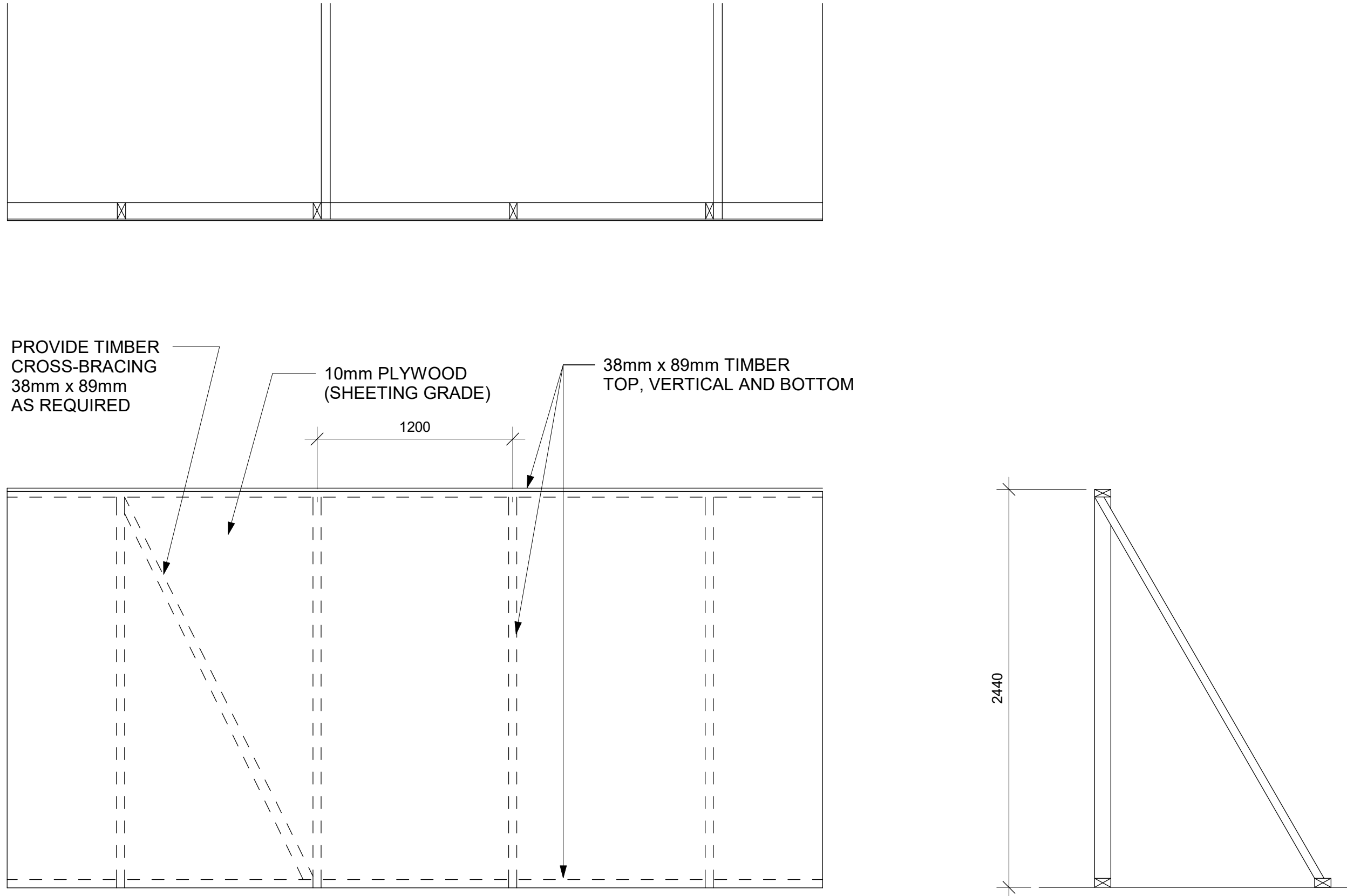
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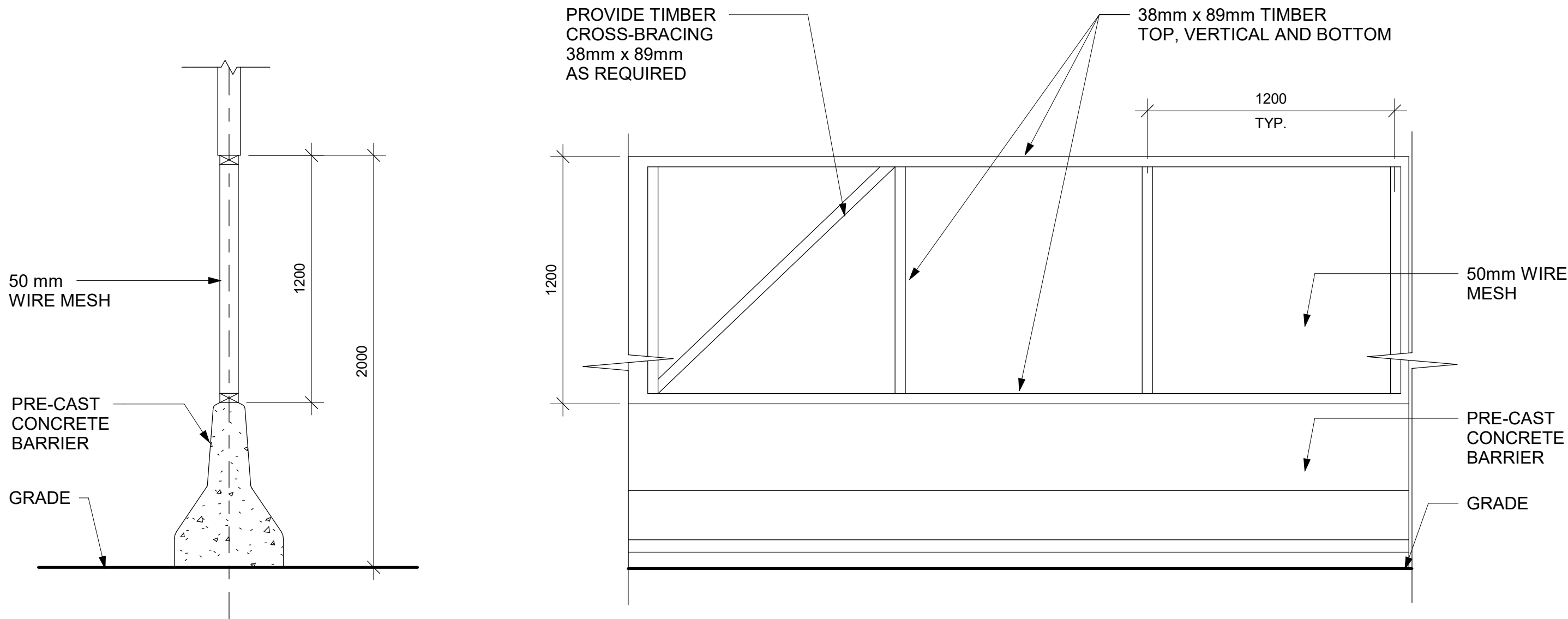
PROJECT ADDRESS



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



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



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

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No.	DESCRIPTION	DATE
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PROJECT TITLE
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ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 /Arcadis 30279056

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

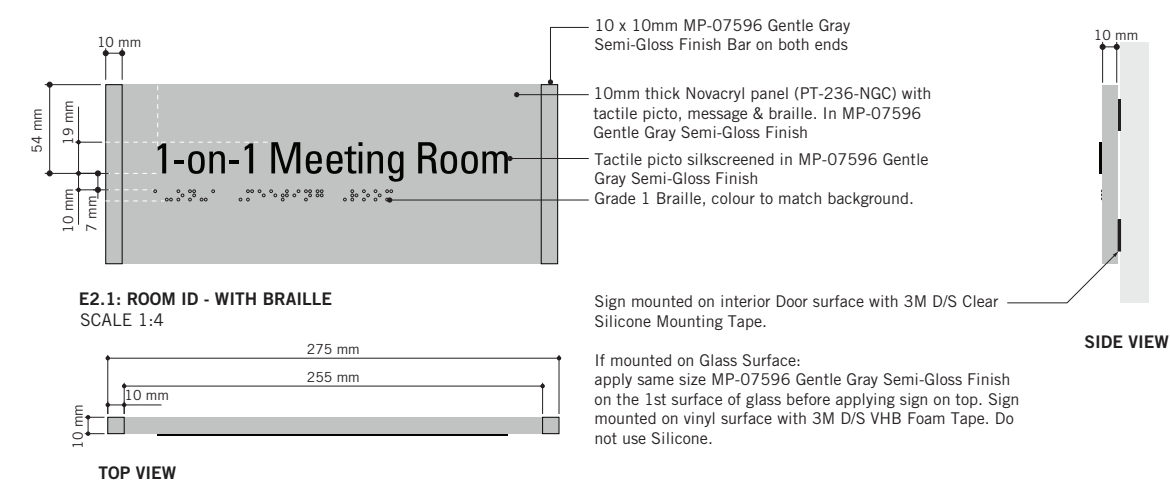
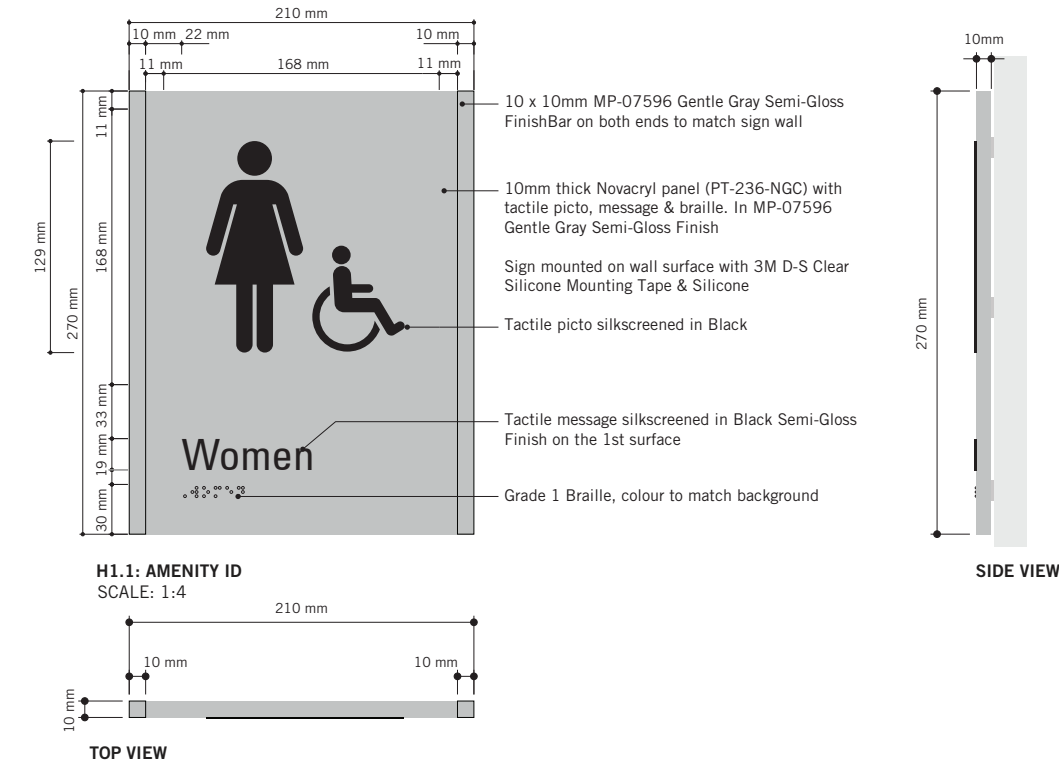
SHEET TITLE
HOARDING DETAILS

SHEET NUMBER D1801	ISSUE A
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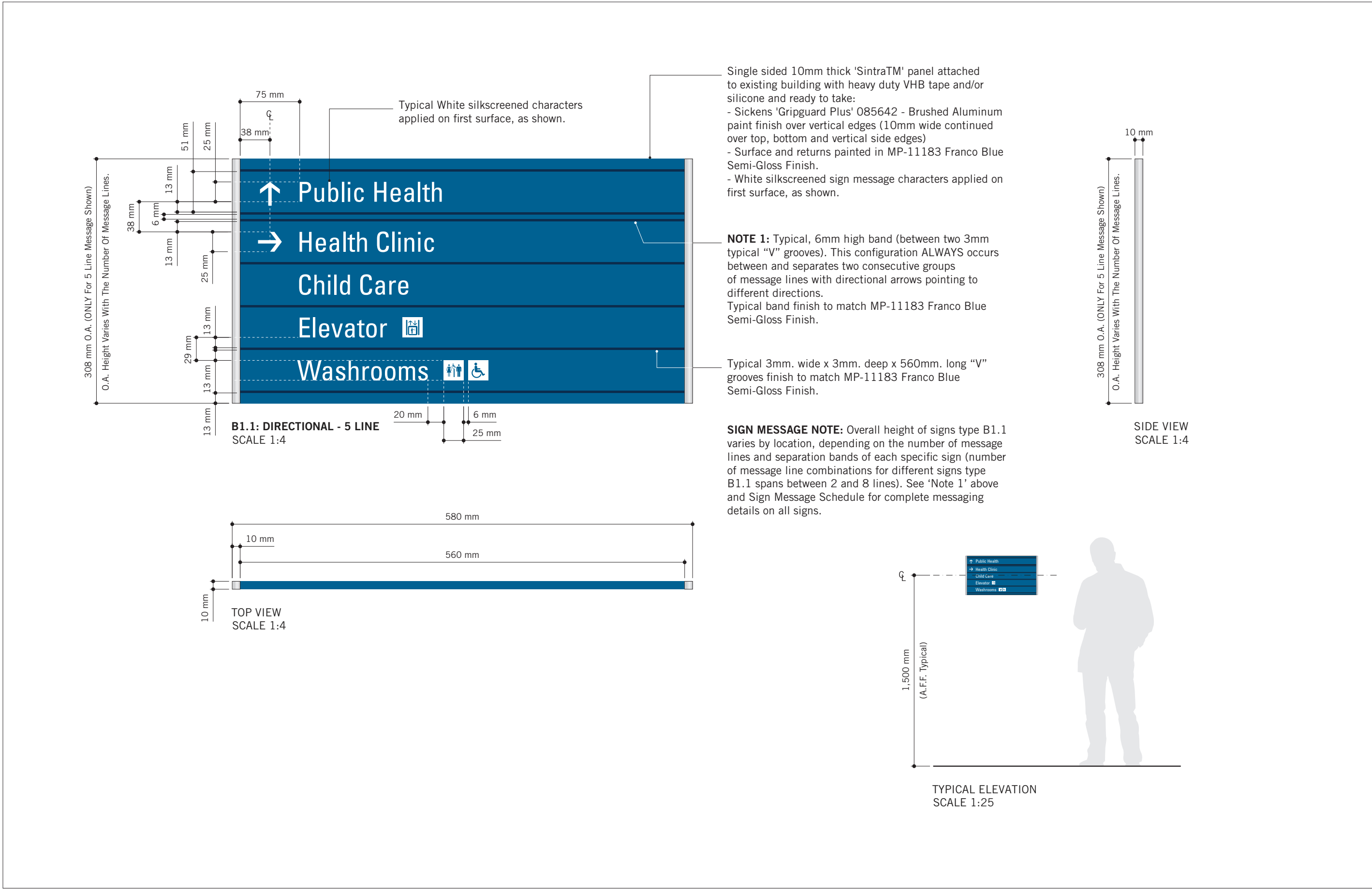
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abcdefghijklmnopqrstuvwxyz
1234567890

Figure 1: A 2D plot showing the distribution of points in the plane. The points are arranged in a grid-like pattern, with some points highlighted in red and others in blue. The axes are labeled with numerical values.

[illegible]

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

SHEET NUMBER	ISSUE
D1901	A



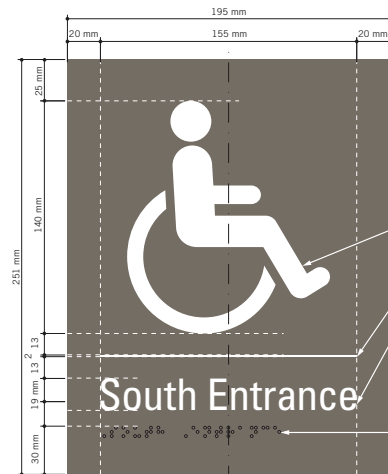
TYPICAL TORONTO ARCHIVES BUILDING STANDARDS



BLACK



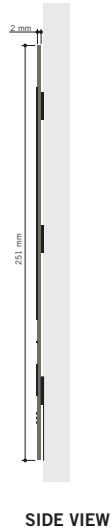
PUMPERNICKLE
Matthews Acrylic
MP-06179
Semi-Gloss Finish



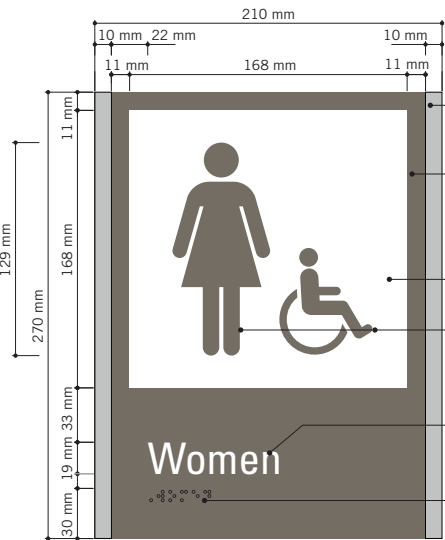
H2.2 ACCESSIBLE ENTRANCE ID - EXTERIOR
SCALE 1:2



TOP VIEW



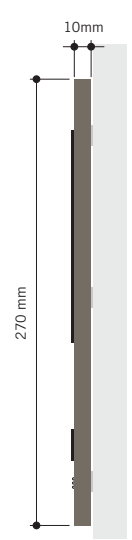
SIDE VIEW



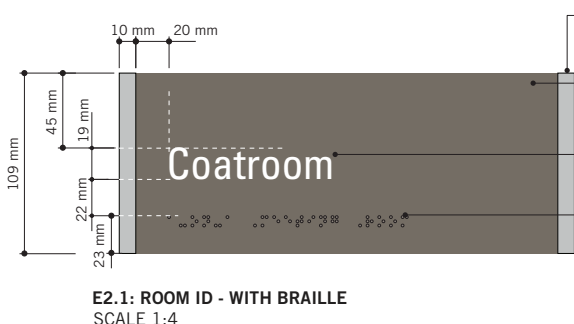
H1.1: AMENITY ID
SCALE 1:4



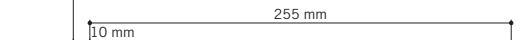
TOP VIEW



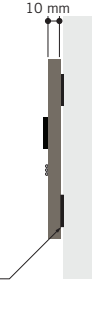
SIDE VIEW



E2.1: ROOM ID - WITH BRAILLE
SCALE 1:4



TOP VIEW



SIDE VIEW

Note:
Typical colours for Toronto Archives
Building Standards building upgrades.

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Toronto

55 John ST.
TORONTO, ON
M5V 3C6

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

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PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

GROUP 05 BUILDINGS

PROJECT NO:

9119 – 19 – 0162 / Arcadis 30279056

DRAWN BY:
M.LOW

CHECKED BY:
C.D. SCHNOBB

PROJECT MGR:
R. DALY

APPROVED BY:

SHEET TITLE

SIGNAGE & WAYFINDING
DETAILS

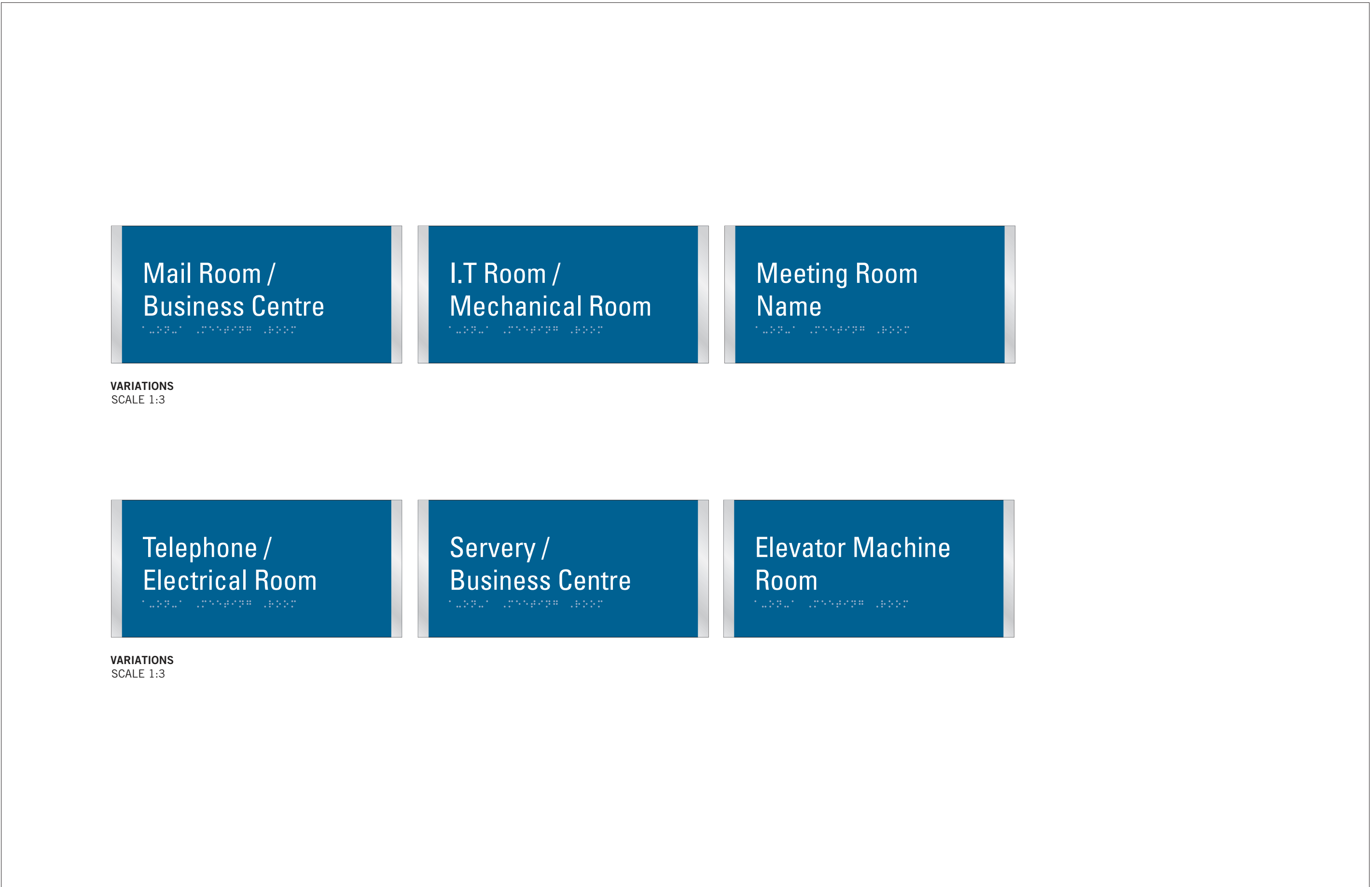
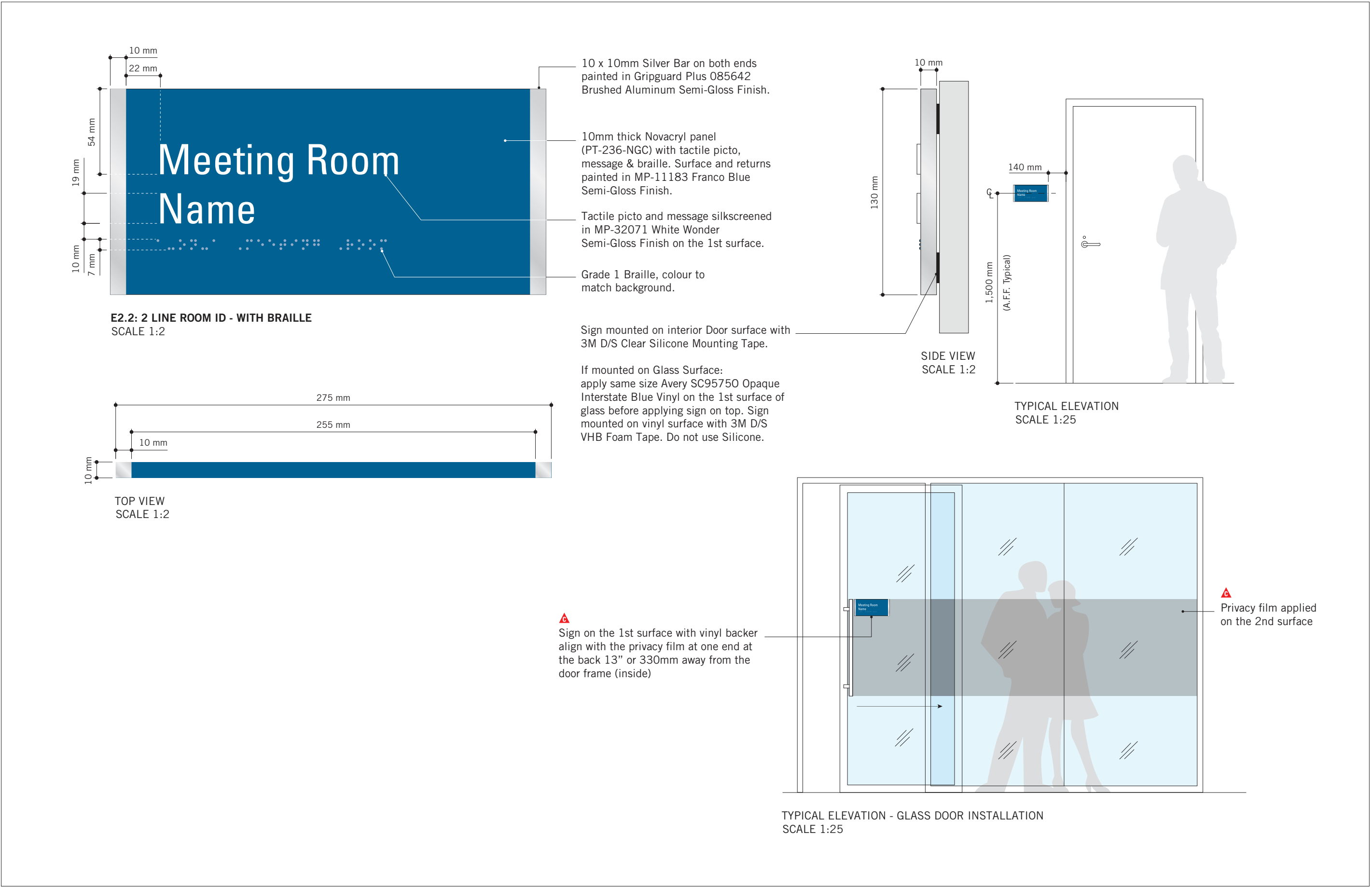
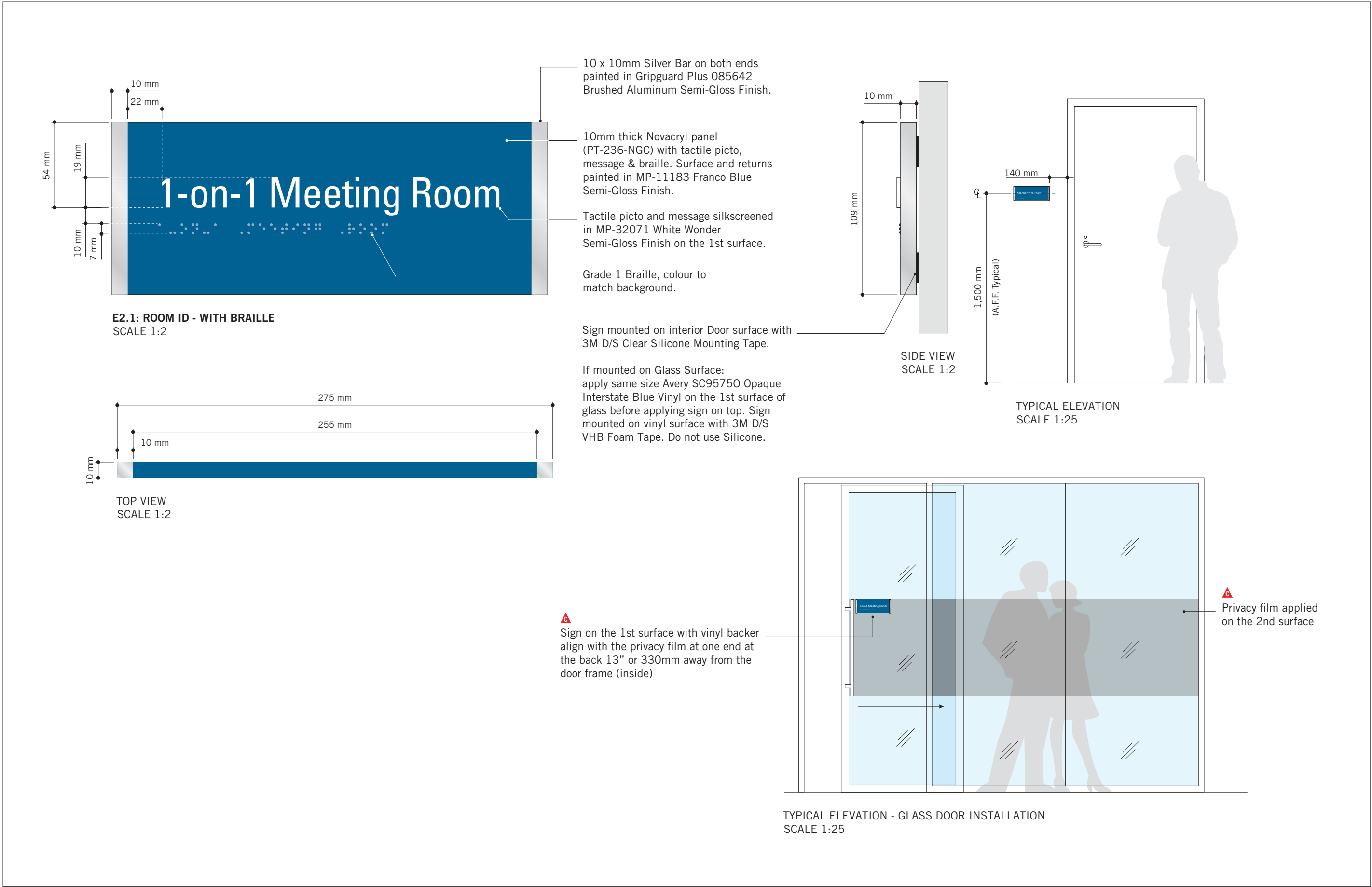
B1.1: DIRECTIONAL SIGNAGE

SHEET NUMBER

D1902

ISSUE

A



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

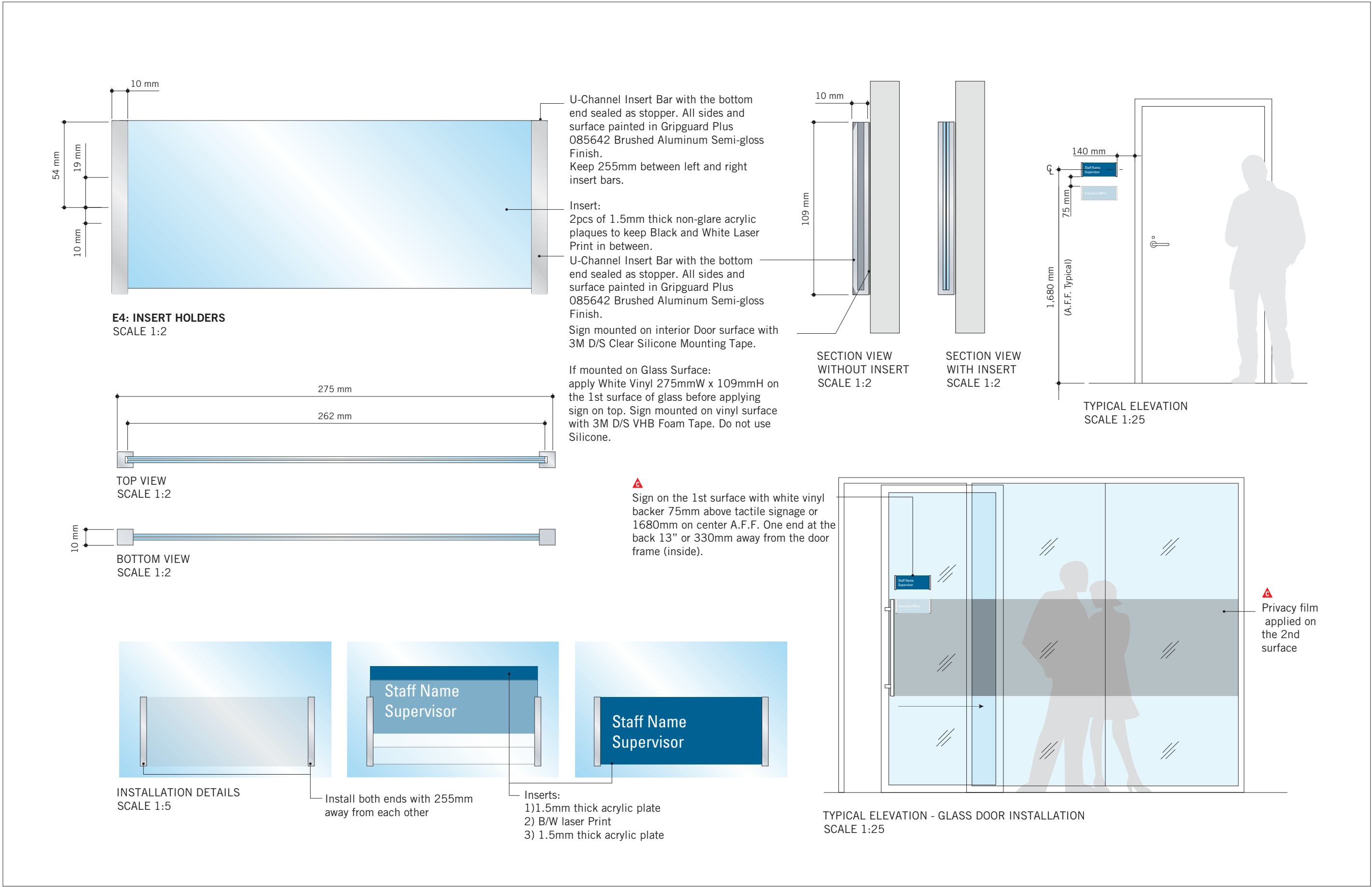
PROJECT ADDRESS
GROUP 05 BUILDINGS

PROJECT NO:
9119 - 19 - 0162 / Arcadis 30279056

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

SHEET TITLE
**SIGNAGE & WAYFINDING
DETAILS
E2: ROOM ID**

SHEET NUMBER D1903	ISSUE A
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ACCESSIBILITY UPGRADES

PROJECT ADDRESS

GROUP 05 BUILDINGS

PROJECT NO:

9119 – 19 – 0162 / Arcadis 30279056

DRAWN BY:
M.LOW

CHECKED BY:
C.D. SCHNOBB

PROJECT MGR:
R. DALY

APPROVED BY:

SHEET TITLE

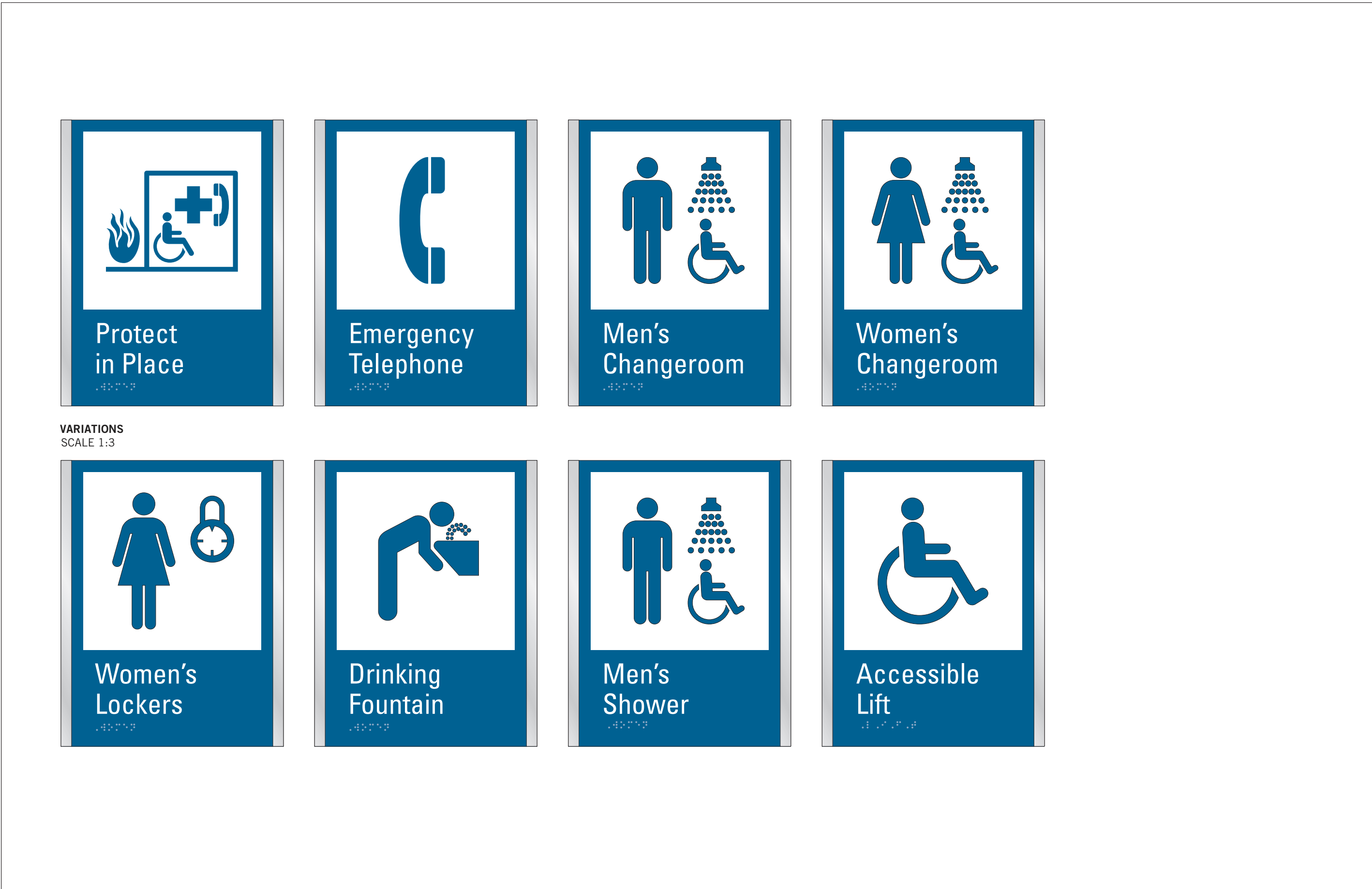
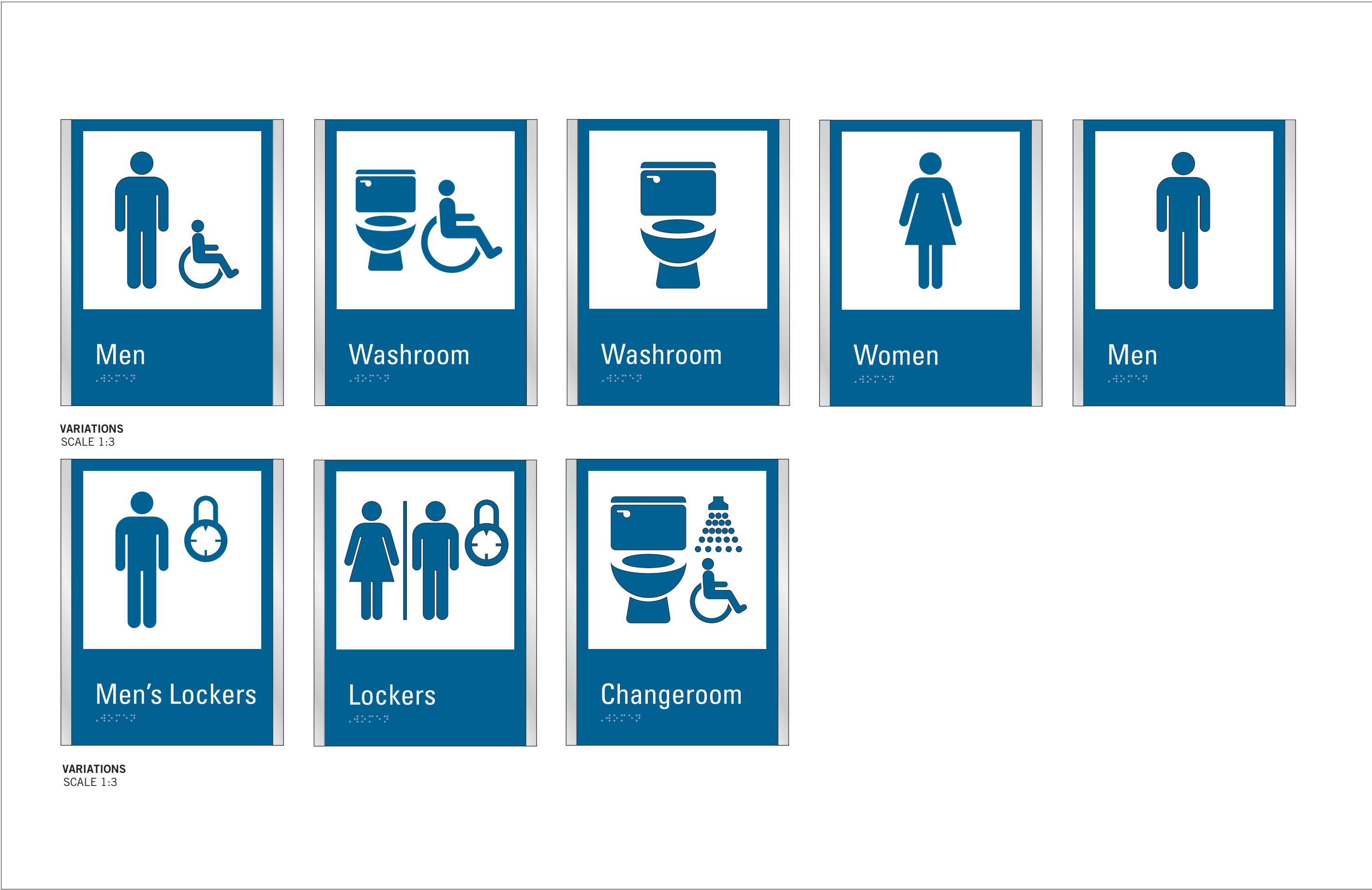
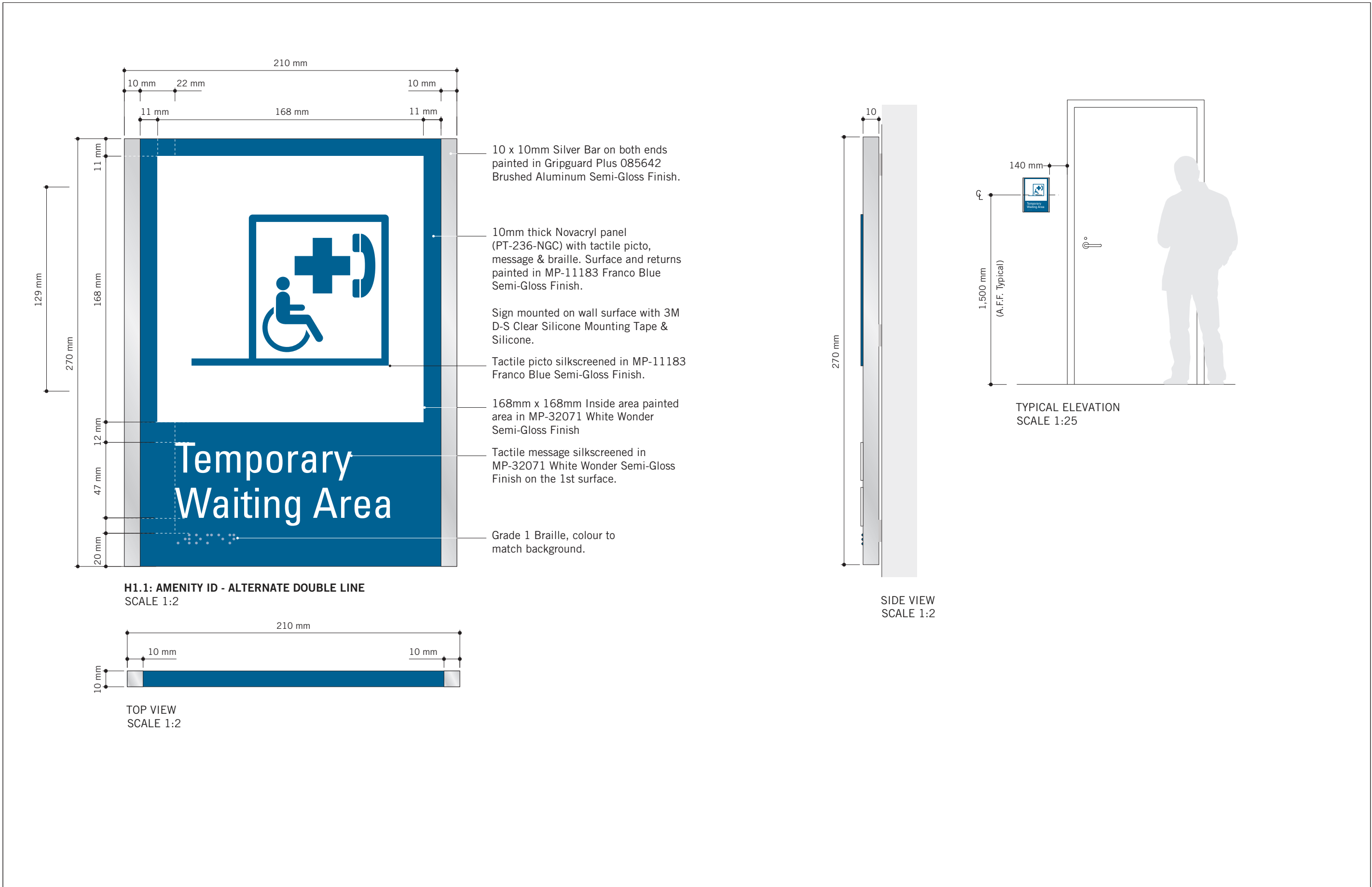
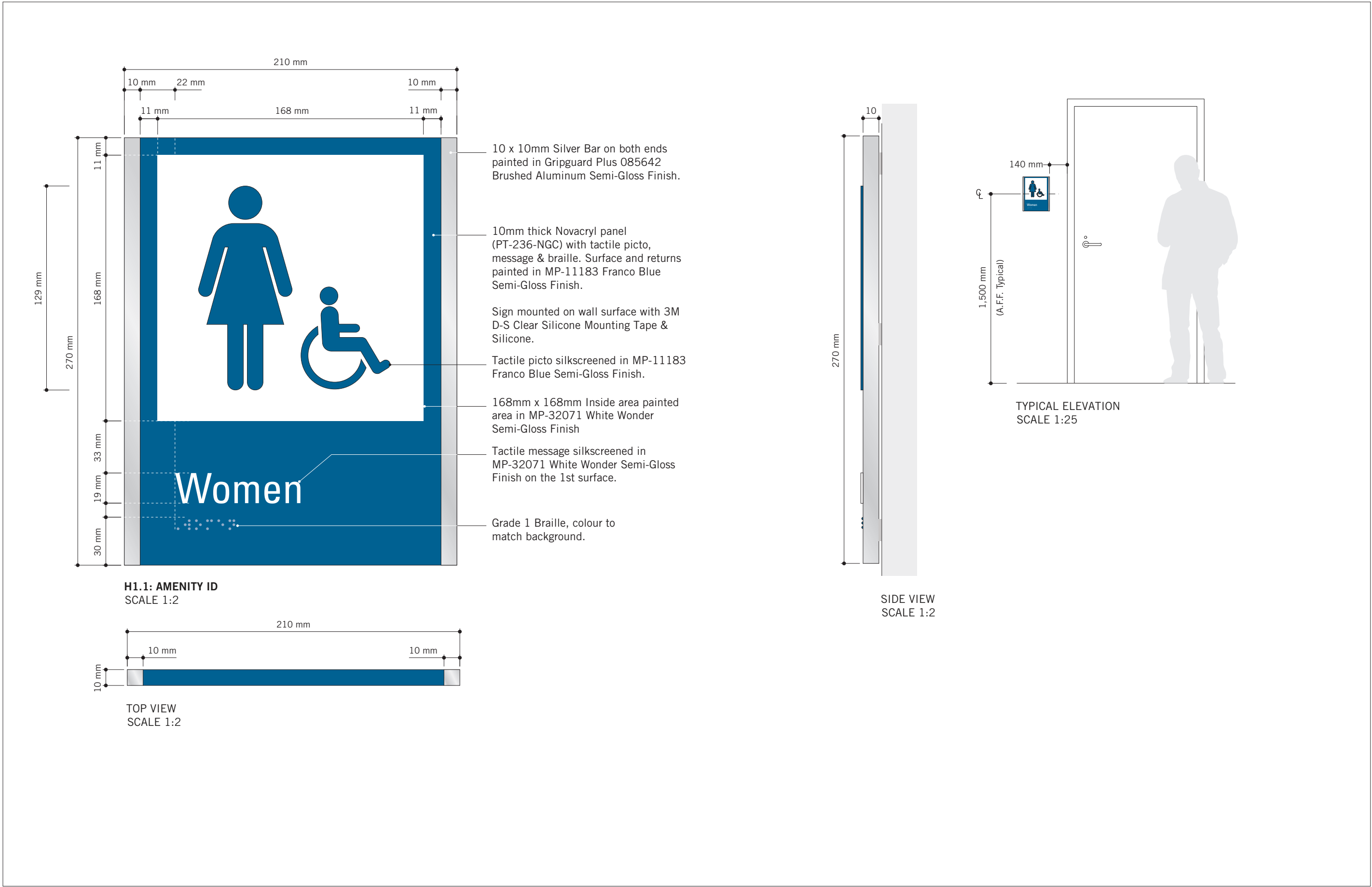
SIGNAGE & WAYFINDING
DETAILS
E4: INSERT HOLDER

SHEET NUMBER

D1904

ISSUE

A



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

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PROJECT TITLE
CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS
GROUP 05 BUILDINGS

PROJECT NO:
9119 - 19 - 0162 / Arcadis 30279056

DRAWN BY:
M.LOW

CHECKED BY:
C.D. SCHNOBB

PROJECT MGR:
R. DALY

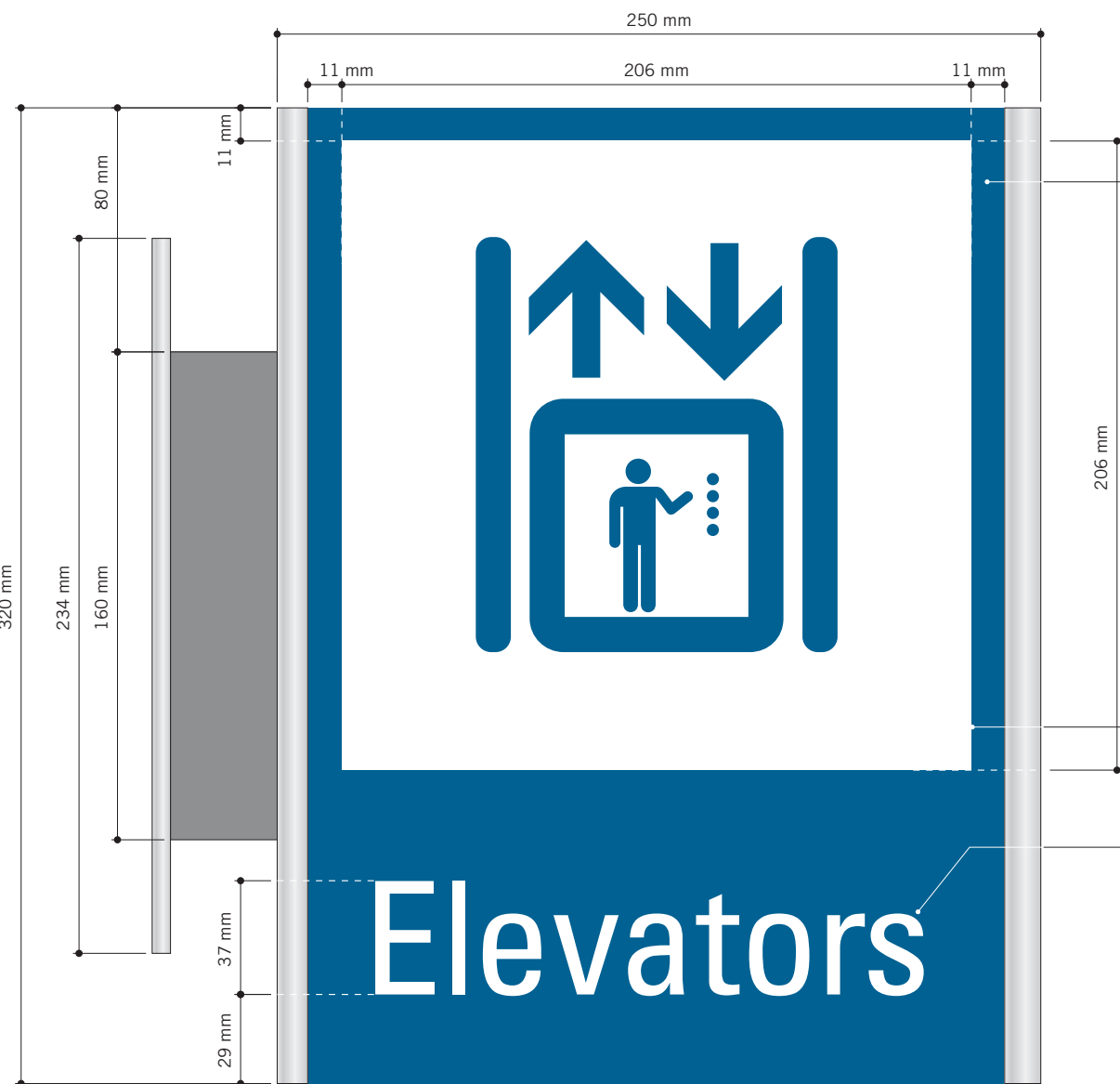
APPROVED BY:

SHEET TITLE
SIGNAGE & WAYFINDING
DETAILS

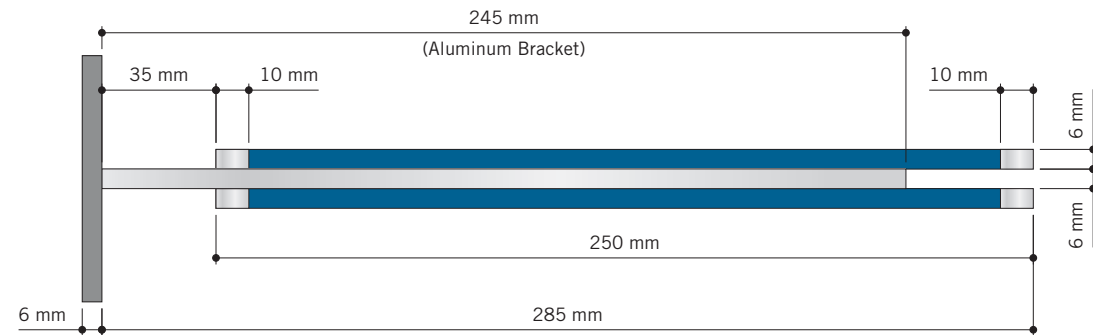
H1.1: AMENITY ID

SHEET NUMBER
D1905

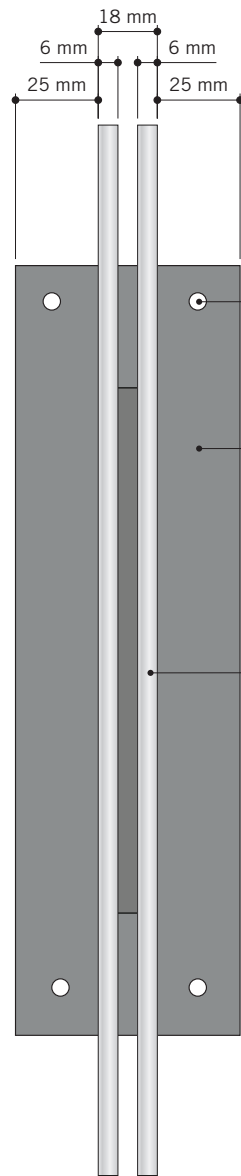
ISSUE
A



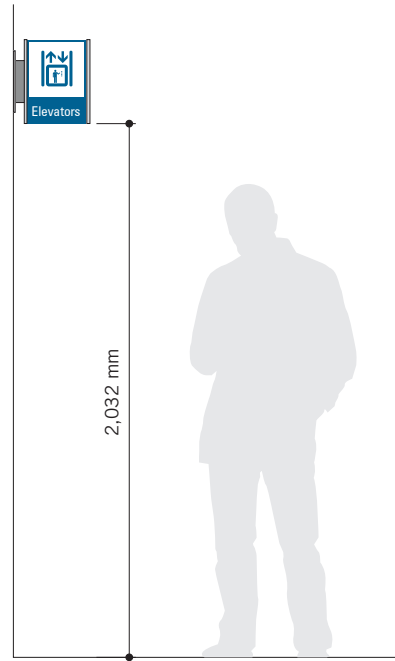
H2.1: PROJECTING AMENITY ID
SCALE 1:2



TOP VIEW
SCALE 1:2



SIDE VIEW
SCALE 1:2



TYPICAL ELEVATION
SCALE 1:25

(2) 6mm thick 'Sintra' panels, attached back to the 6mm thick Aluminum wall bracket, as shown.
Paint sign face (230mm wide continued over top & bottom) in Matthews Paint Semi-Gloss Finish MP-11183 Franco Blue.

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

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

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

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

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



VARIATIONS
SCALE 1:4



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

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PROJECT TITLE
CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS
GROUP 05 BUILDINGS

PROJECT NO:
9119 - 19 - 0162 / Arcadis 30279056

DRAWN BY:
M.LOW

CHECKED BY:
C.D. SCHNOBB

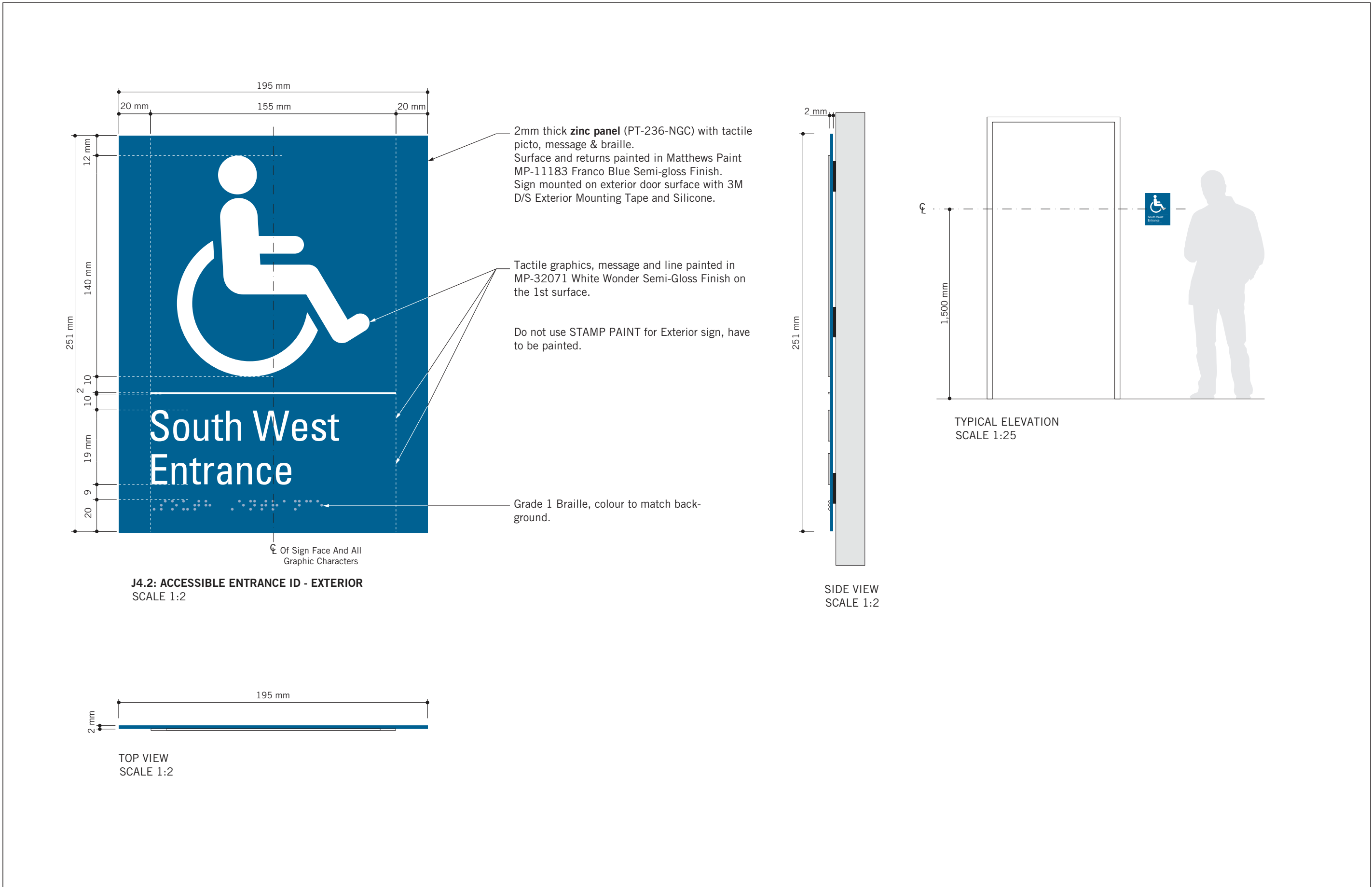
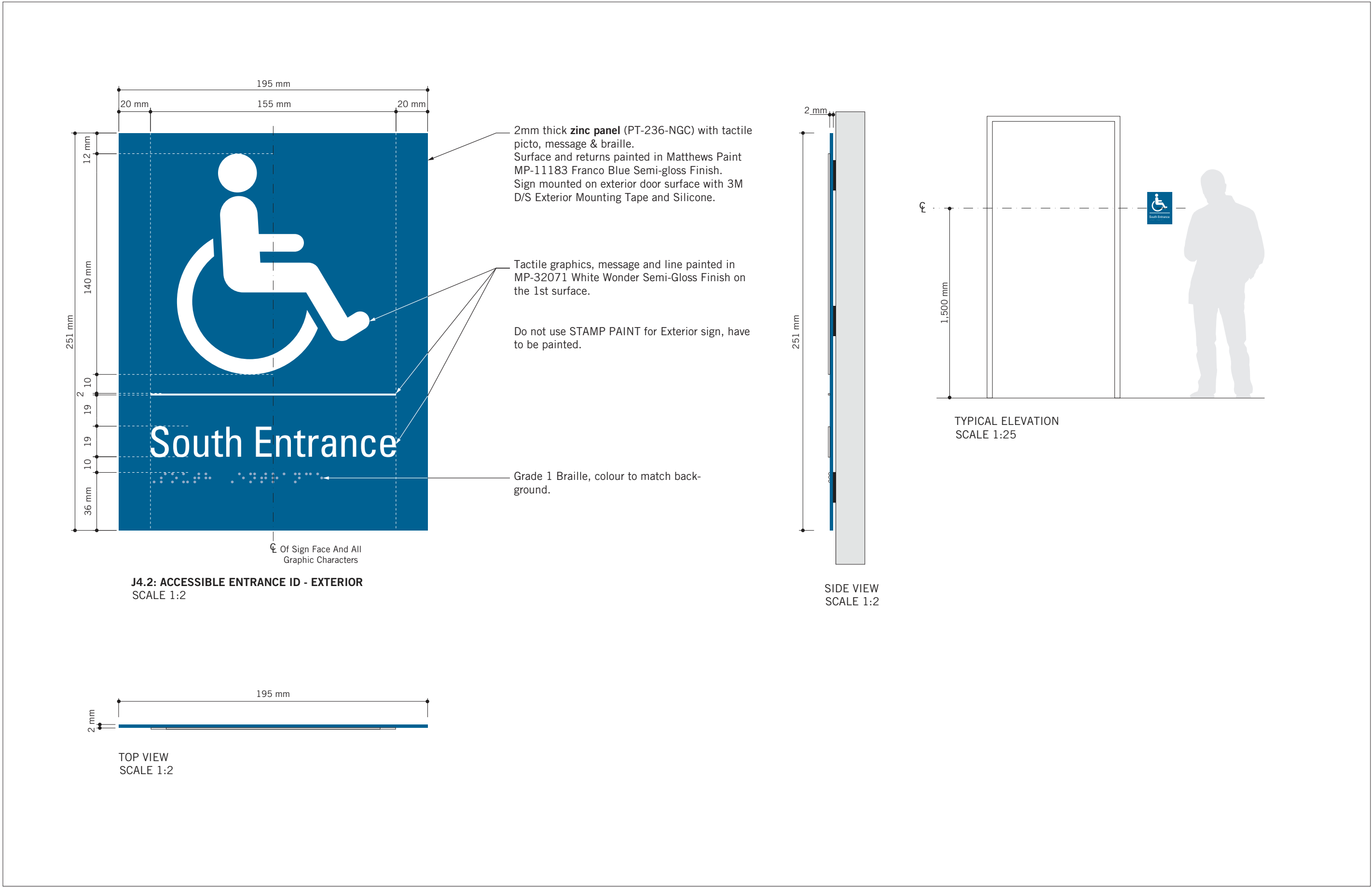
PROJECT MGR:
R. DALY

APPROVED BY:

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

SHEET NUMBER
D1906

ISSUE
A



VARIATIONS
SCALE 1:3



VARIATIONS
SCALE 1:3

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

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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

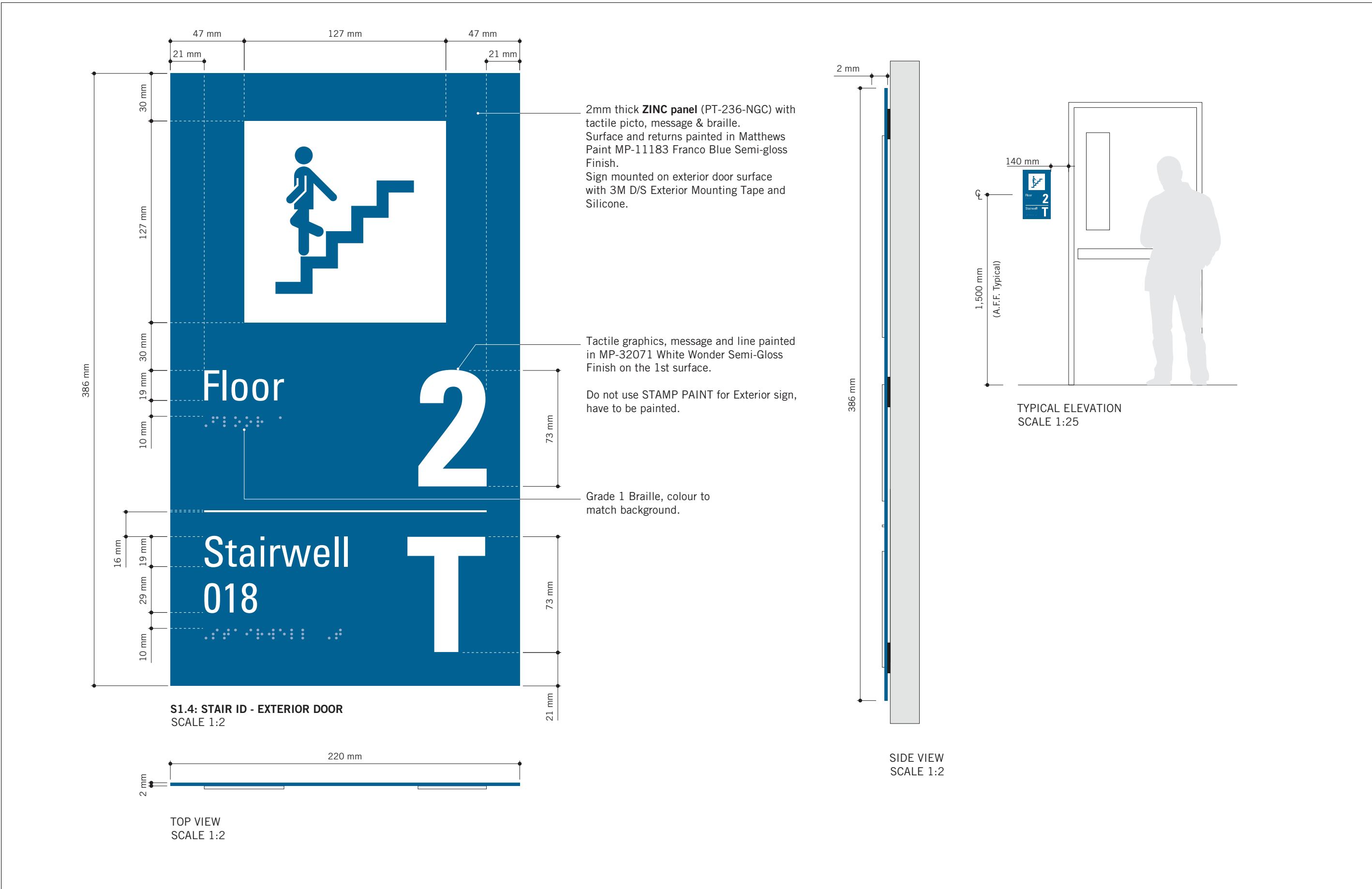
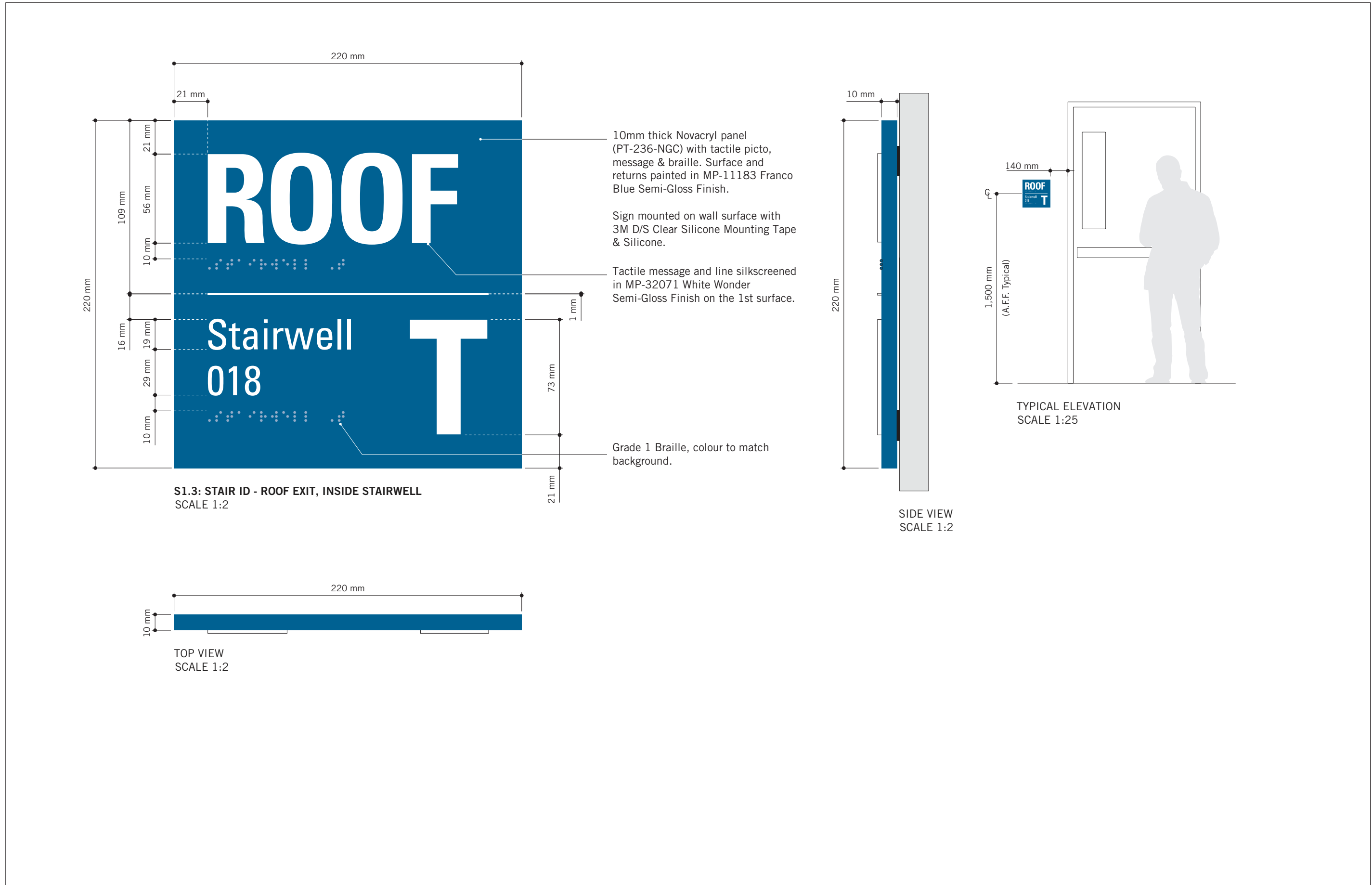
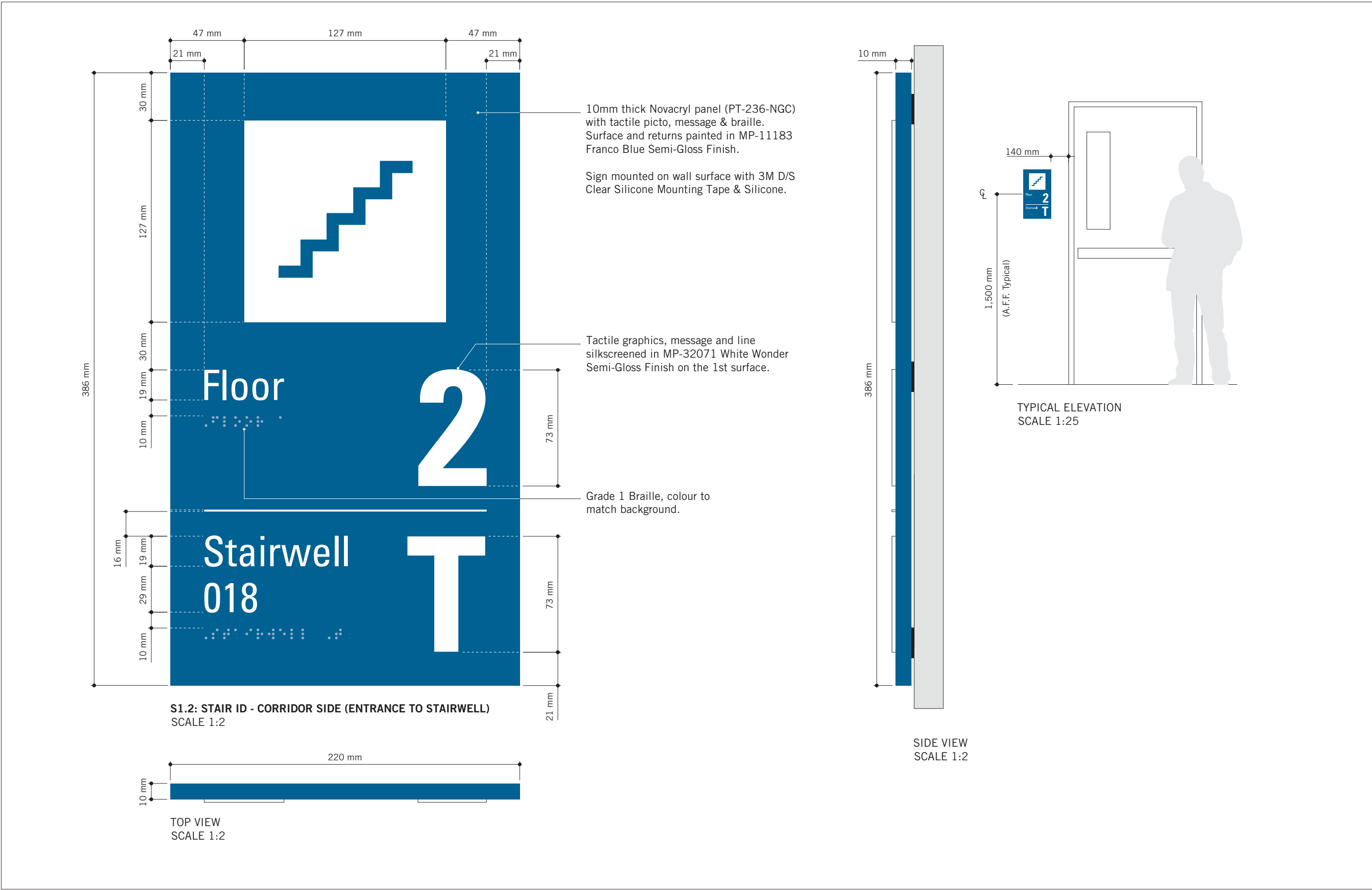
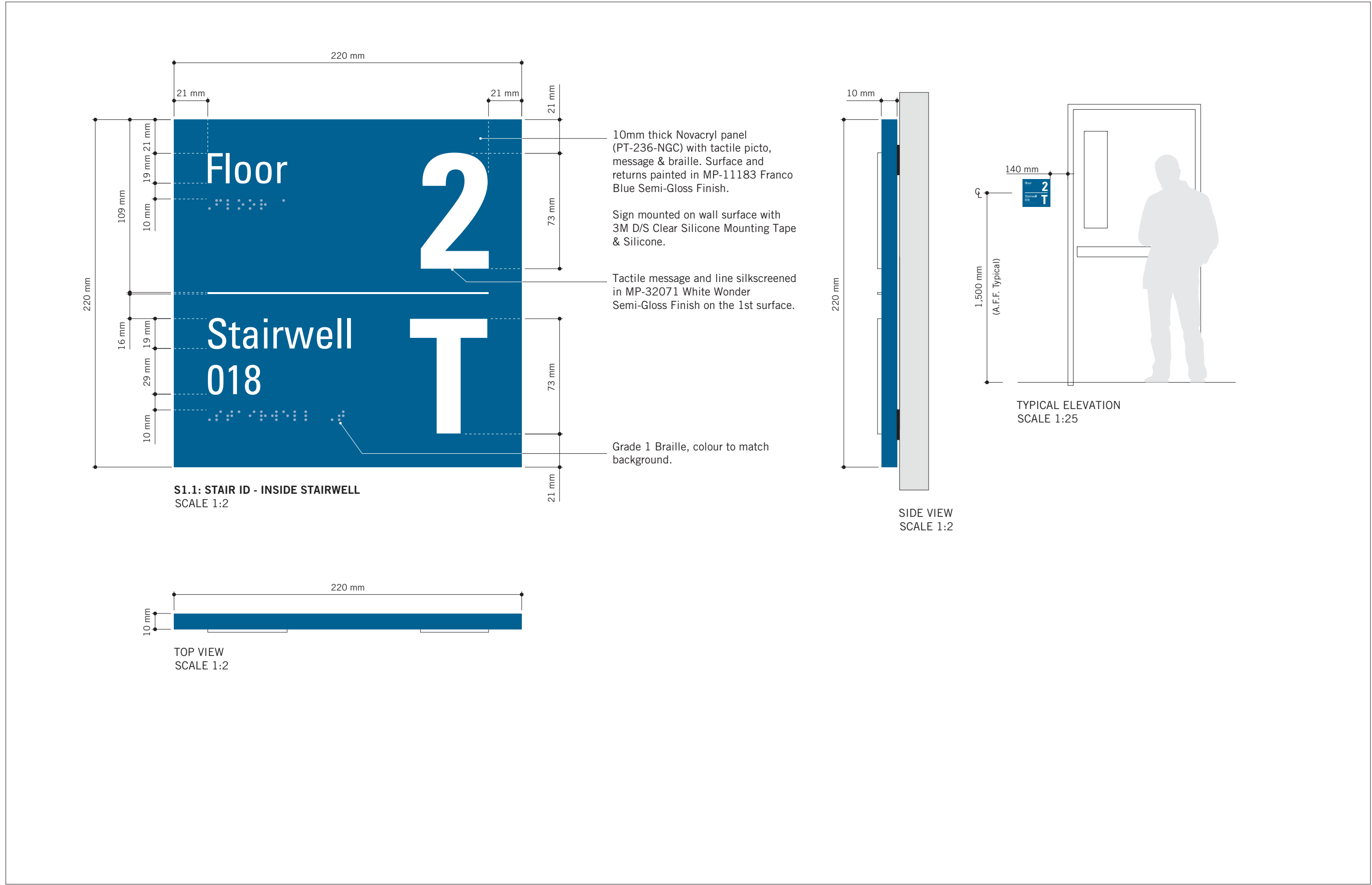
PROJECT ADDRESS
GROUP 05 BUILDINGS

PROJECT NO:
9119 – 19 – 0162 / Arcadis 30279056

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

SHEET TITLE
**SIGNAGE & WAYFINDING
DETAILS
J4: ACCESSIBLE ENTRANCE**

SHEET NUMBER D1907	ISSUE A
------------------------------	-------------------



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

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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

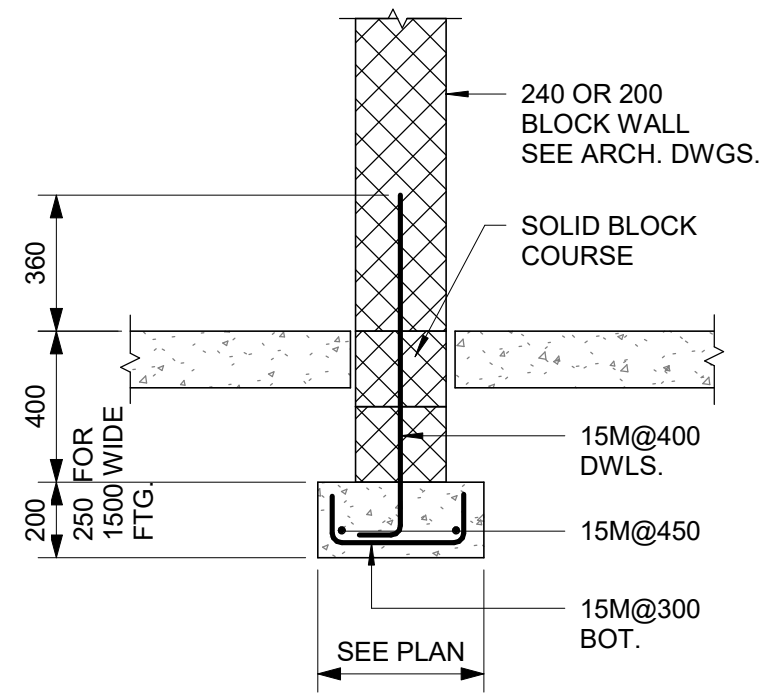
PROJECT ADDRESS
GROUP 05 BUILDINGS

PROJECT NO:
9119 – 19 – 0162 / Arcadis 30279056

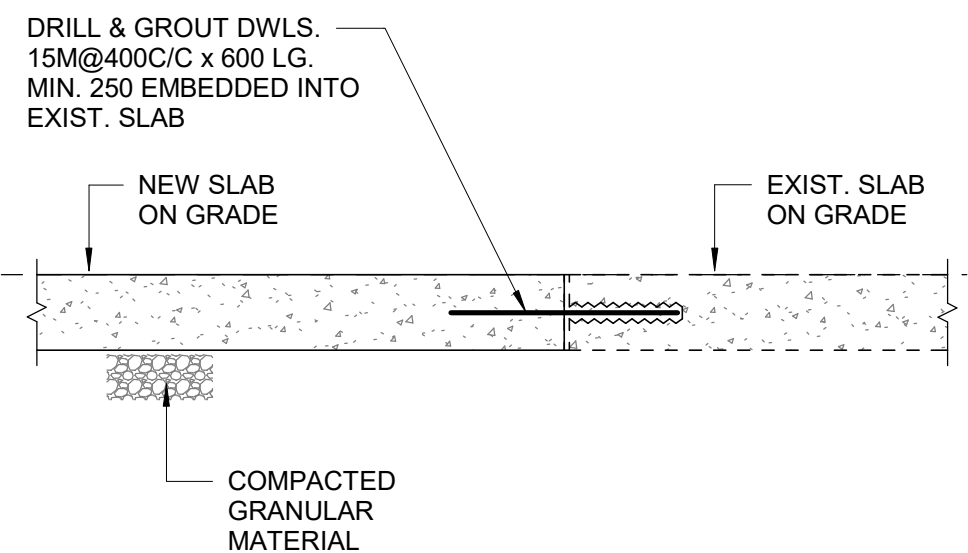
DRAWN BY: M. LOW	CHECKED BY: C.D. SCHNOBB
PROJECT MGR: R. DALY	APPROVED BY:

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

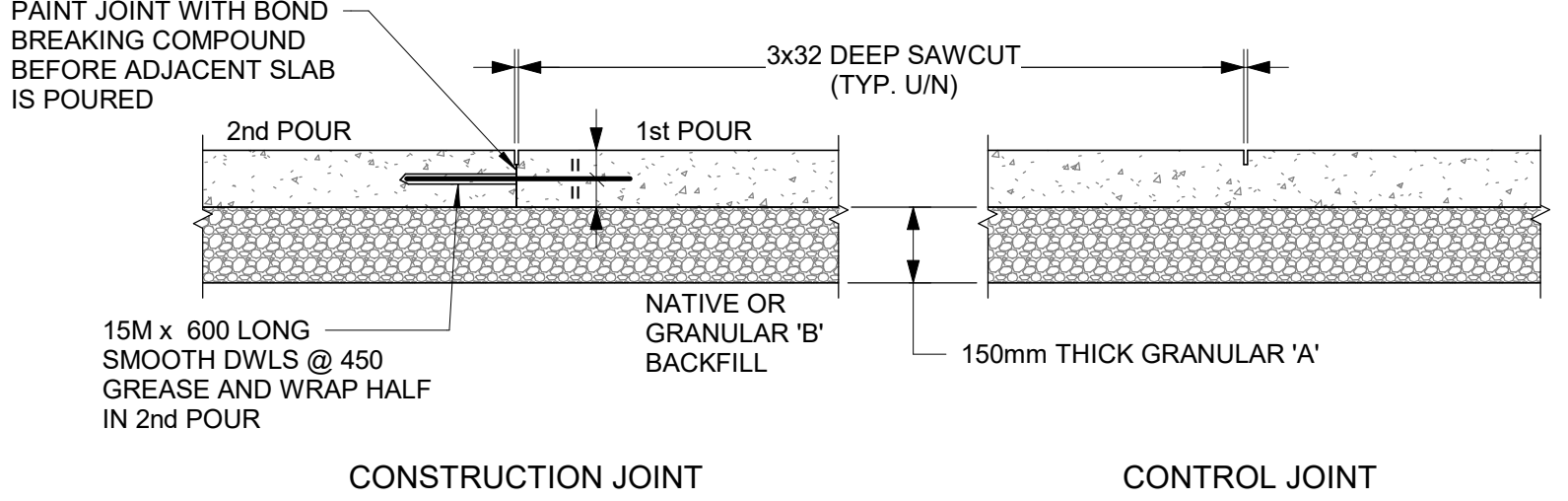
SHEET NUMBER D1908	ISSUE A
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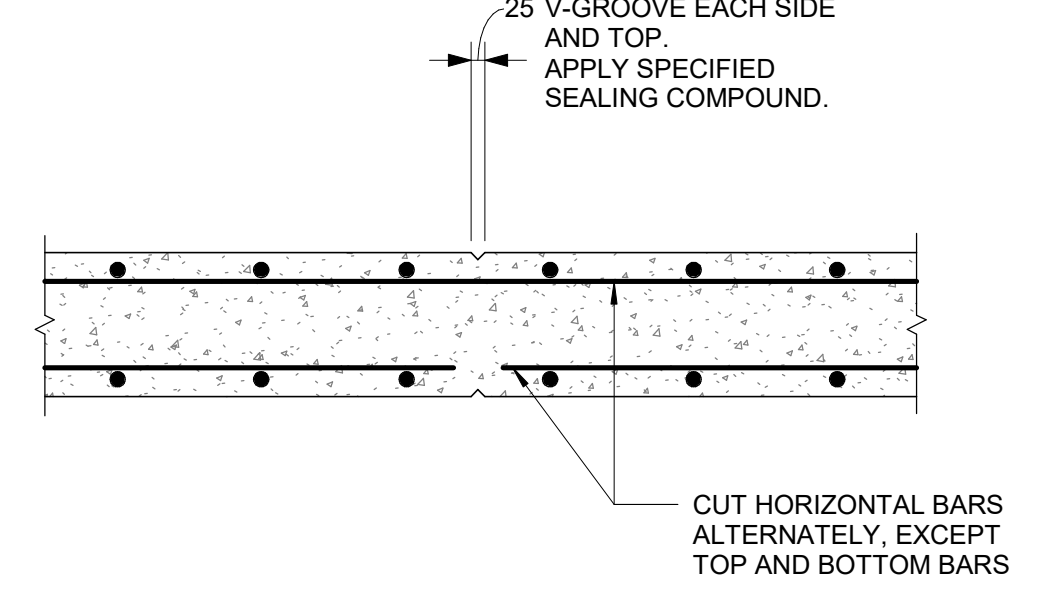
1 INTERIOR FOUNDATION WALL
D2100 Scale: NTS



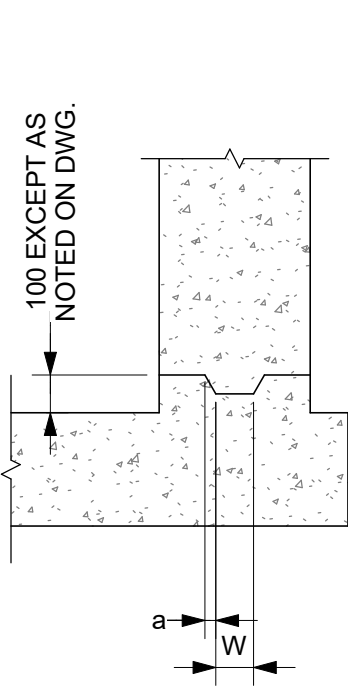
2 NEW SLAB CONNECTION TO EXISTING SLAB
D2100 Scale: NTS



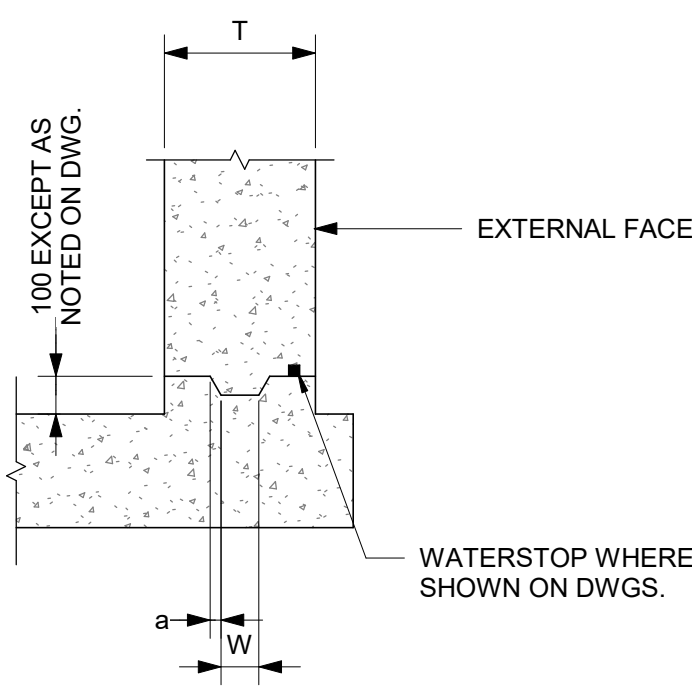
3 SLAB ON GRADE
D2100 Scale: NTS



4 RETAINING WALL CONTROL JOINT
D2100 Scale: 1 : 20



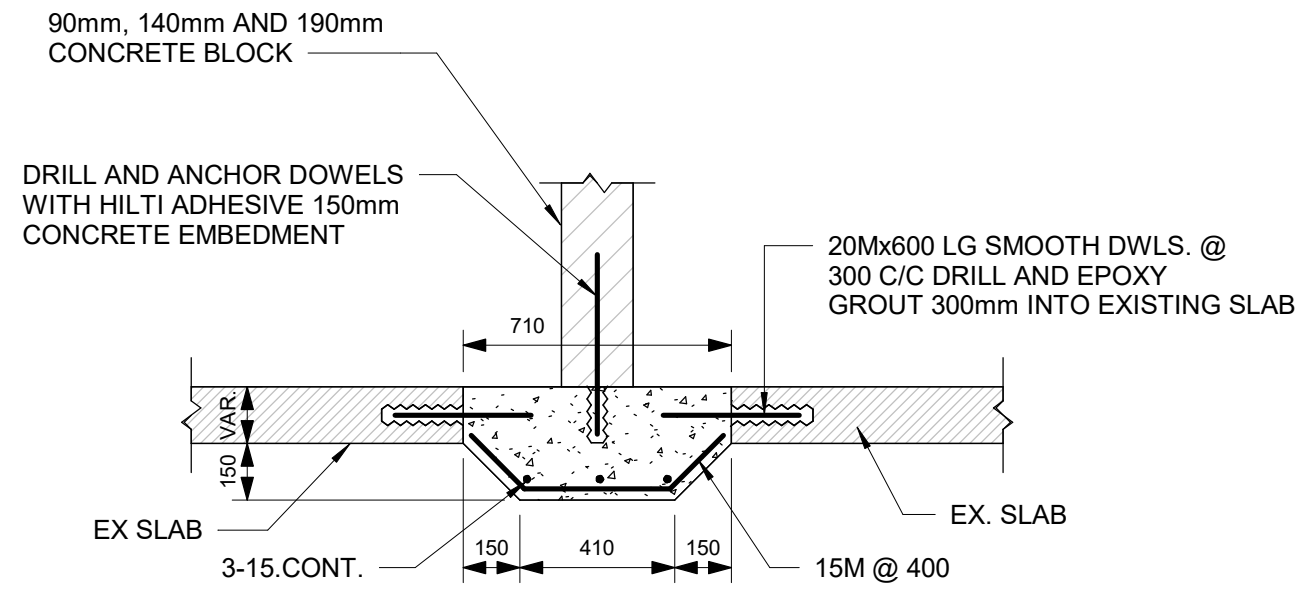
TYPE 1



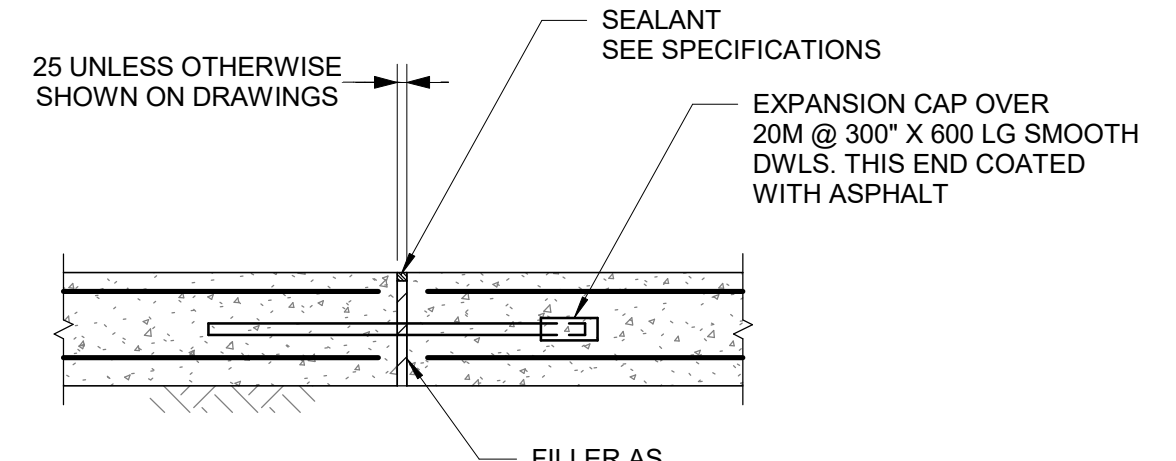
TYPE 1WS

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

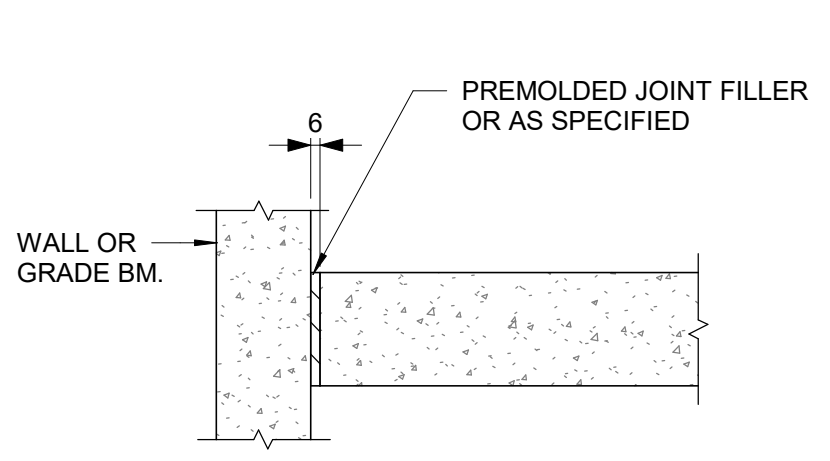
5 TYPICAL CONSTRUCTION JOINT AT EXTERIOR WALL
D2100 Scale: 1 : 20



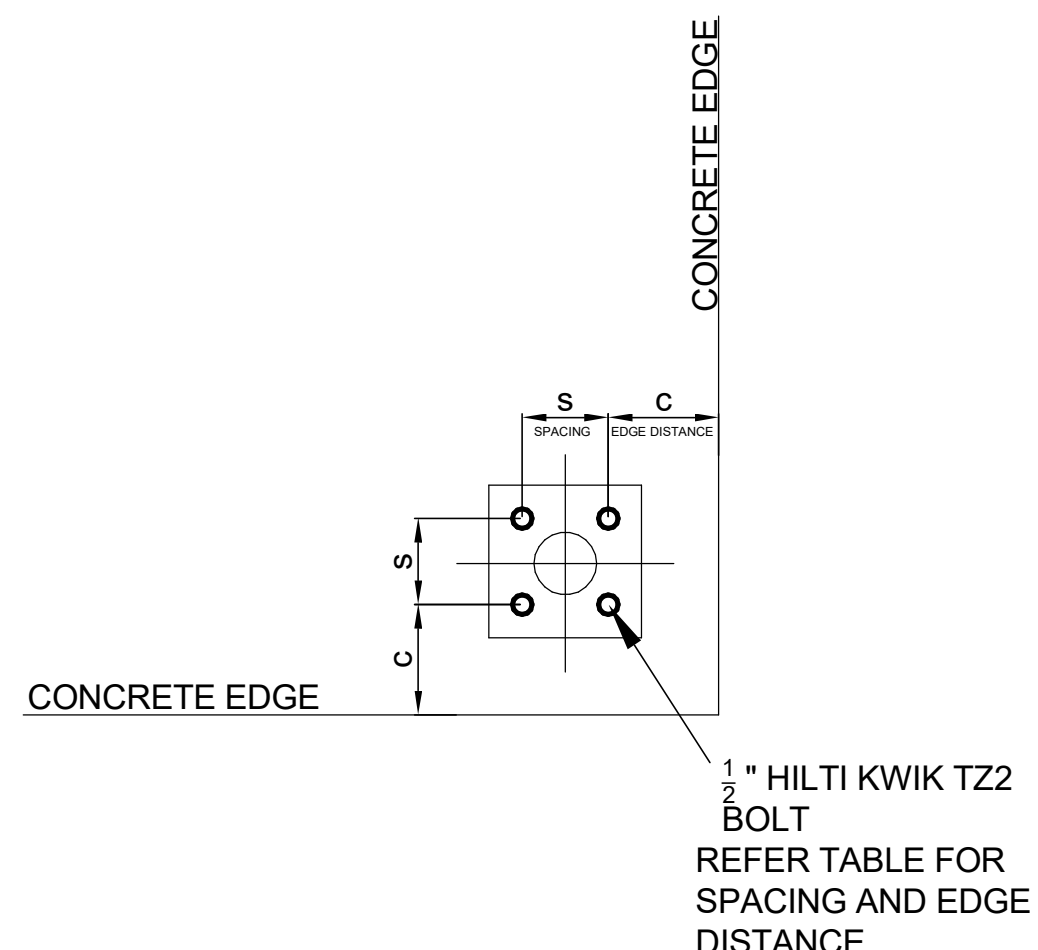
6 BLOCK WALL SLAB - THICKENING AT EXISTING SLAB
D2100 Scale: 1 : 20



7 FLOOR JOINTS
D2100 Scale: 1 : 20



ISOLATION JOINT



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

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

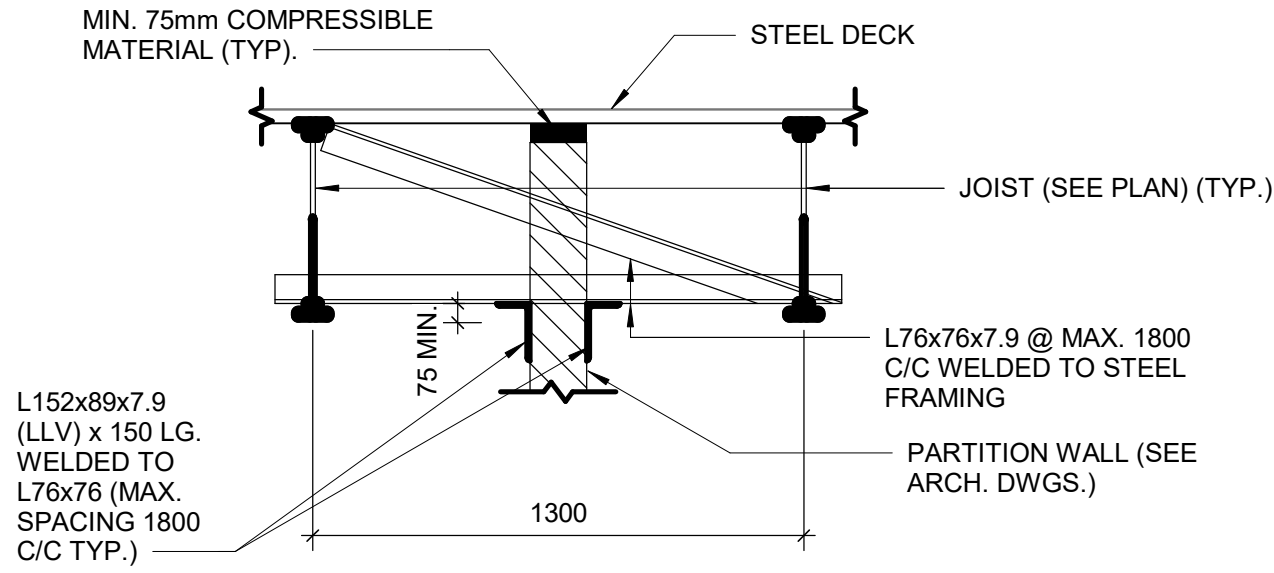
ISSUES		
No.	DESCRIPTION	DATE
A	50% SUBMISSION	2022-04-27
B	90% SUBMISSION	2022-07-29
C	ISSUED FOR PERMIT	2022-07-29
D	ISSUED FOR TENDER	2022-12-09
E	ISSUED FOR TENDER	2025-04-11

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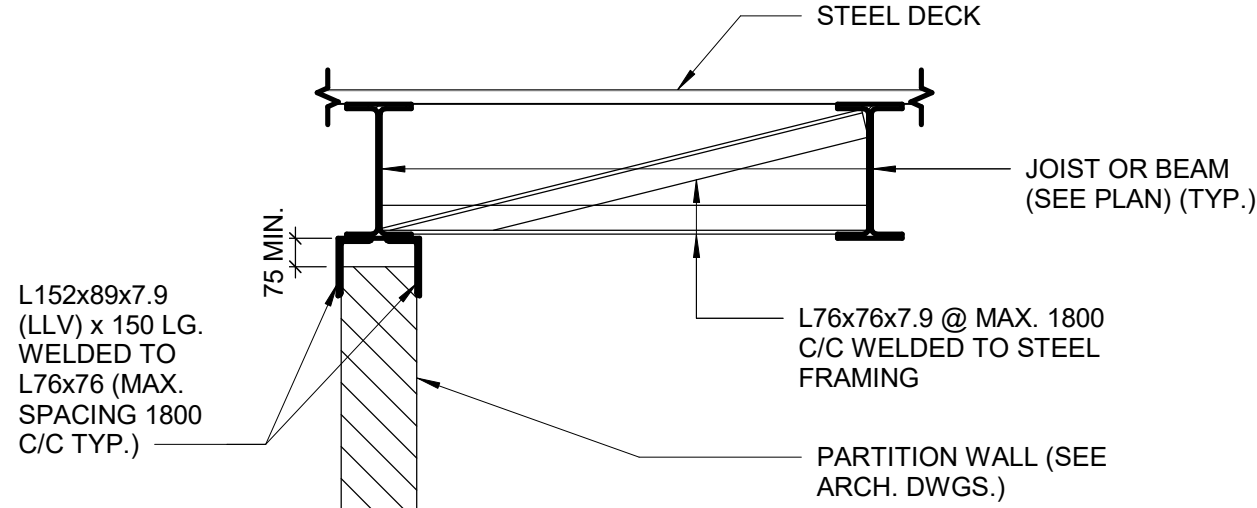
SEAL

PROJECT ADDRESS

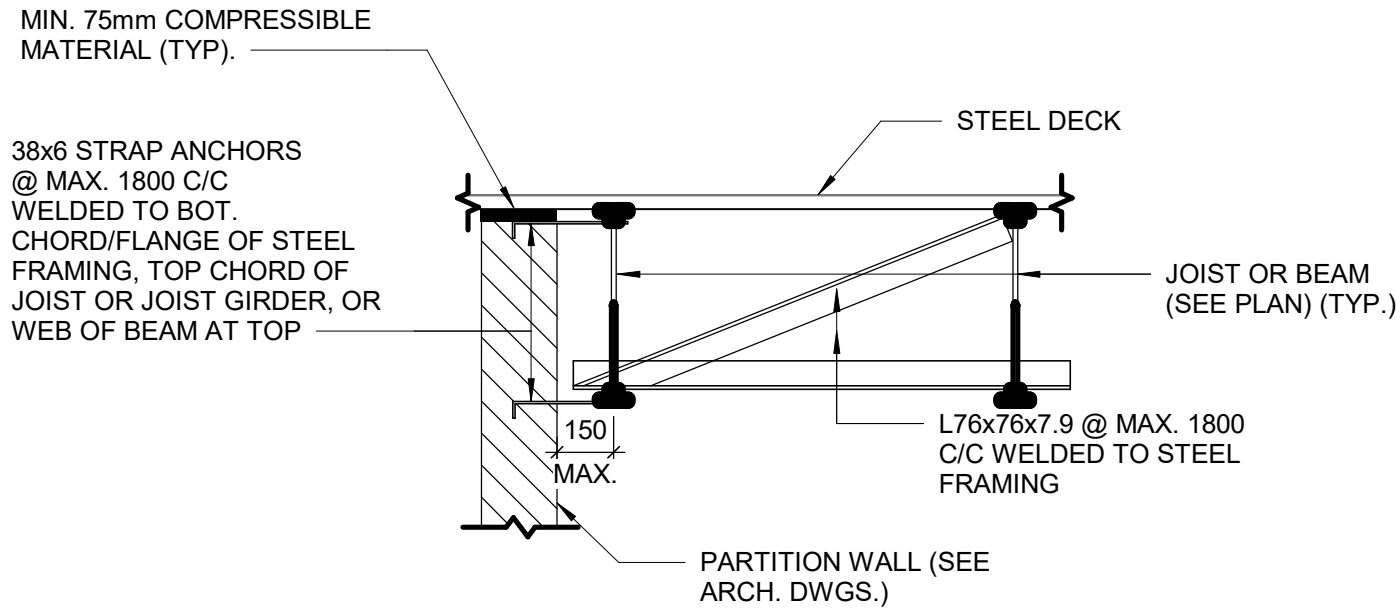
4/29/2025 11:45:10 AM



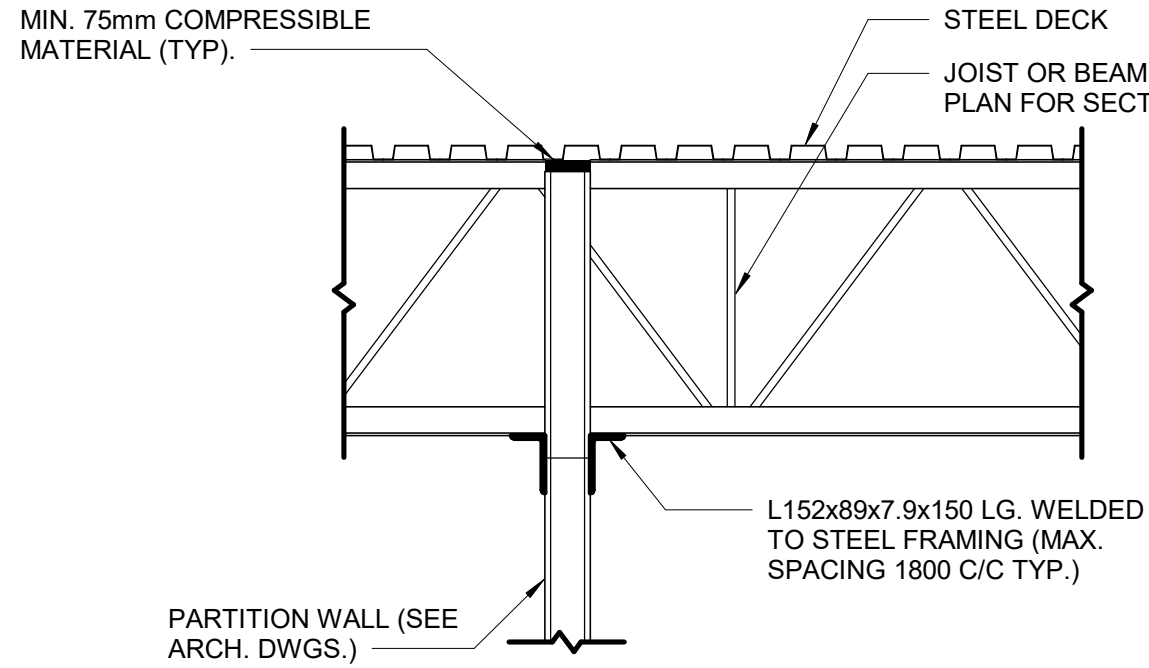
1 PARTITION WALL BETWEEN JOIST
D2200 Scale: 1 : 20



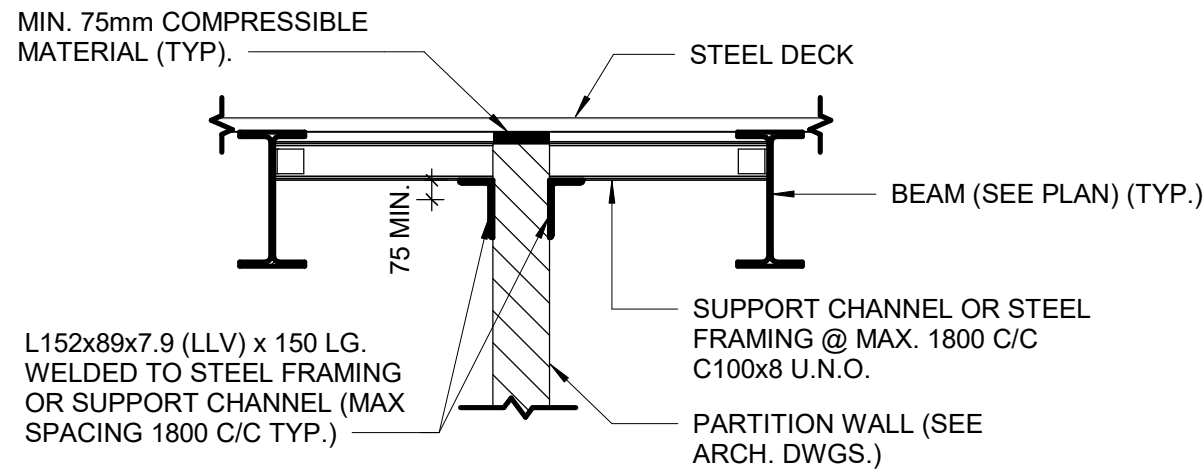
2 PARTITION WALL PARALLEL TO AND CENTERED ON JOIST OR BEAM
D2200 Scale: 1 : 20



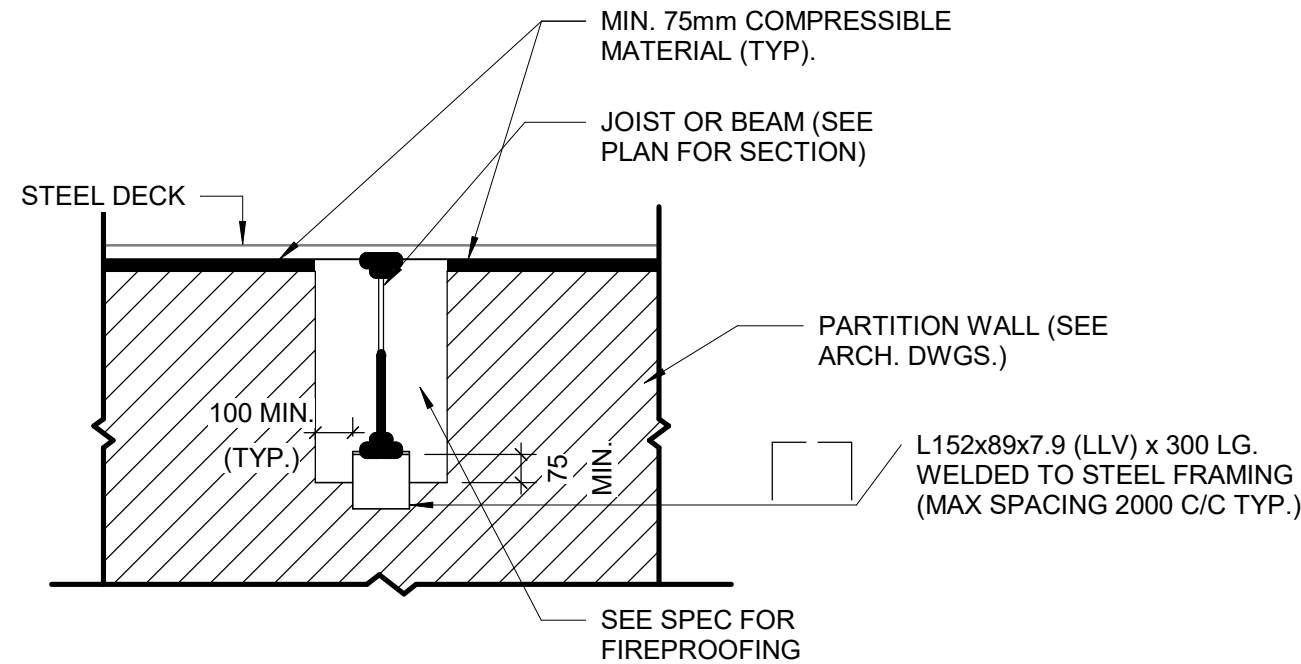
3 PARTITION WALL PARALLEL TO JOISTS OR BEAM
D2200 Scale: 1 : 20



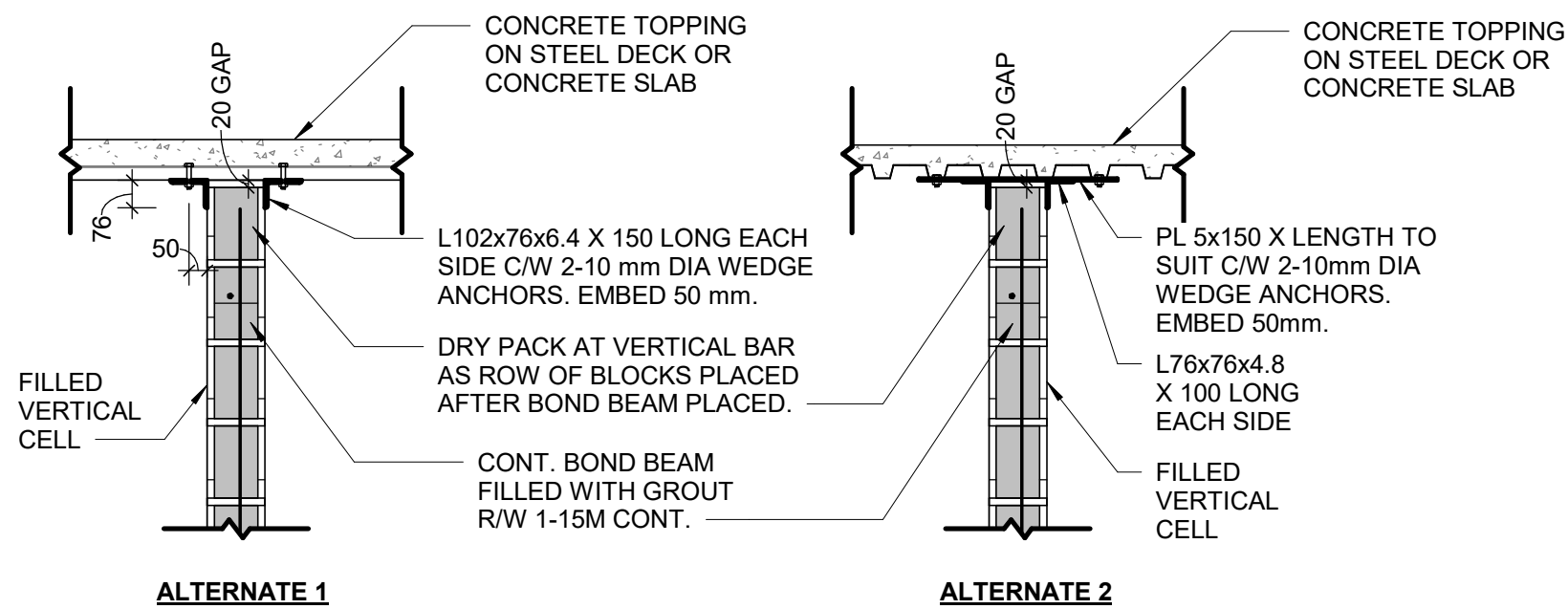
4 PARTITION WALL PERPENDICULAR TO JOIST OR BEAM
D2200 Scale: 1 : 20



5 PARTITION WALL BETWEEN BEAMS
D2200 Scale: 1 : 20

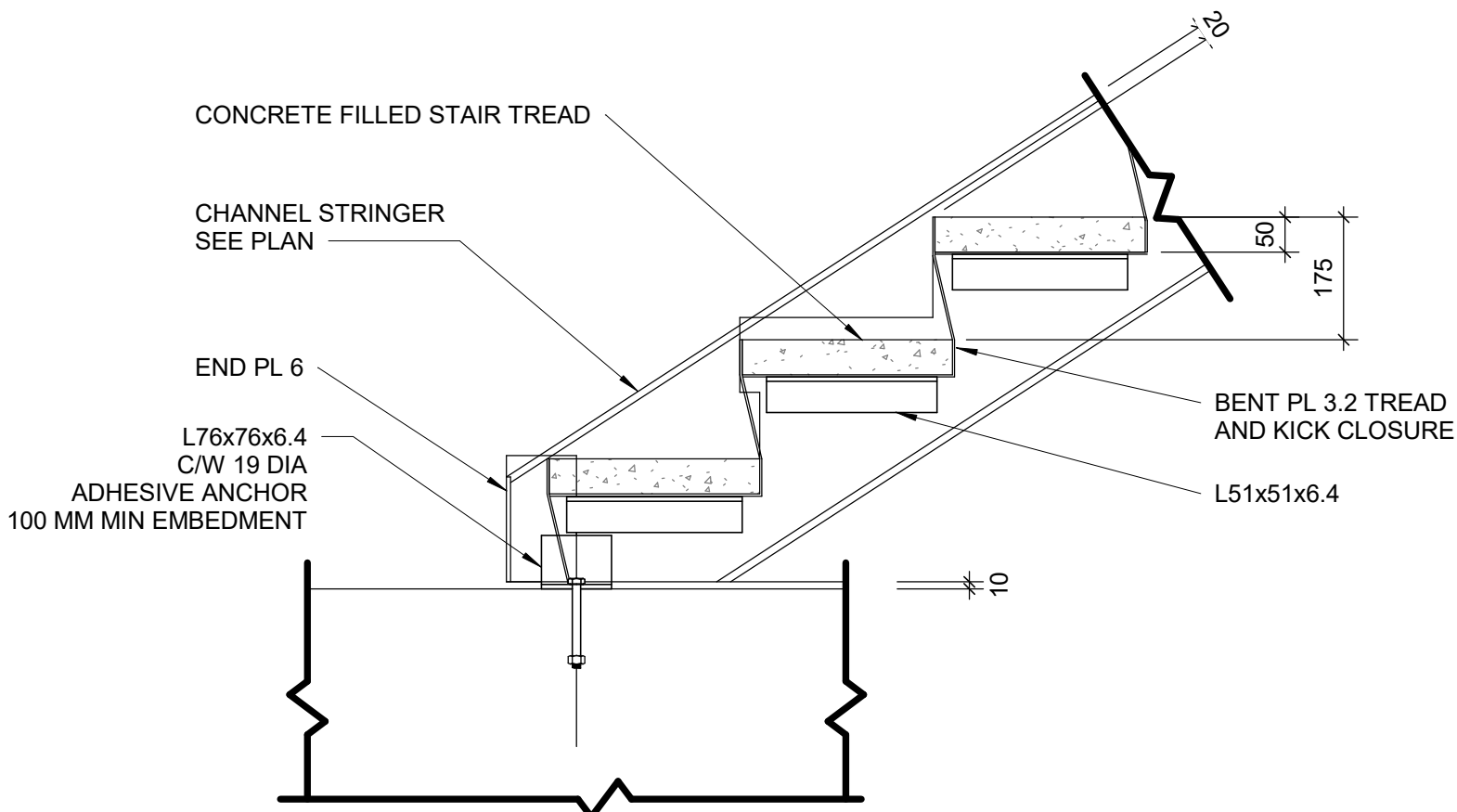


6 PARTITION PERPENDICULAR TO JOIST OR BEAMS
D2200 Scale: 1 : 20

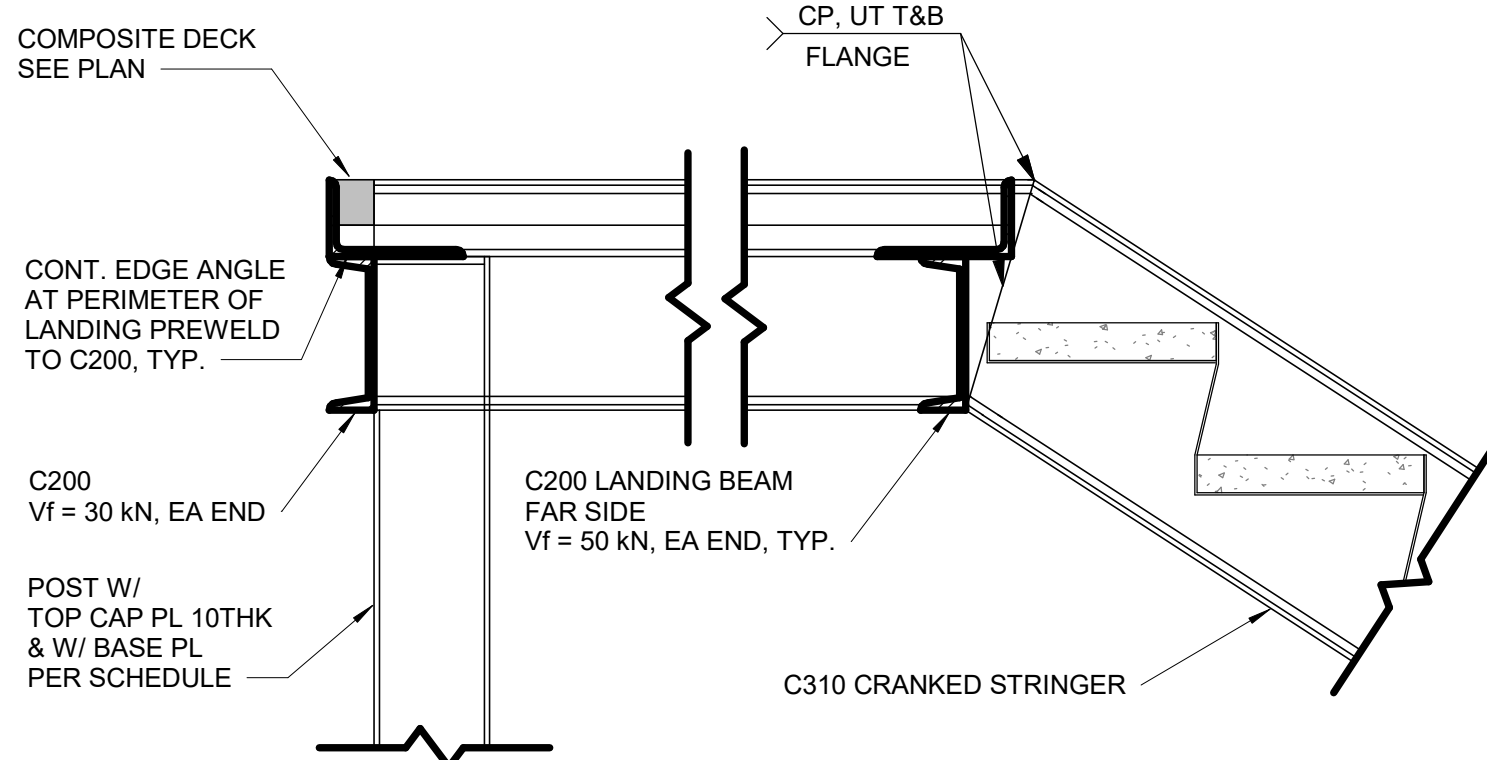


NOTES:
1. ALL CONNECTIONS TO BE AT FILLED VERTICAL CELLS AT 1200 mm O/C MAXIMUM UNLESS NOTED OTHERWISE.
2. FIELD WELD ANGLES TO EMBEDDED PLATE.

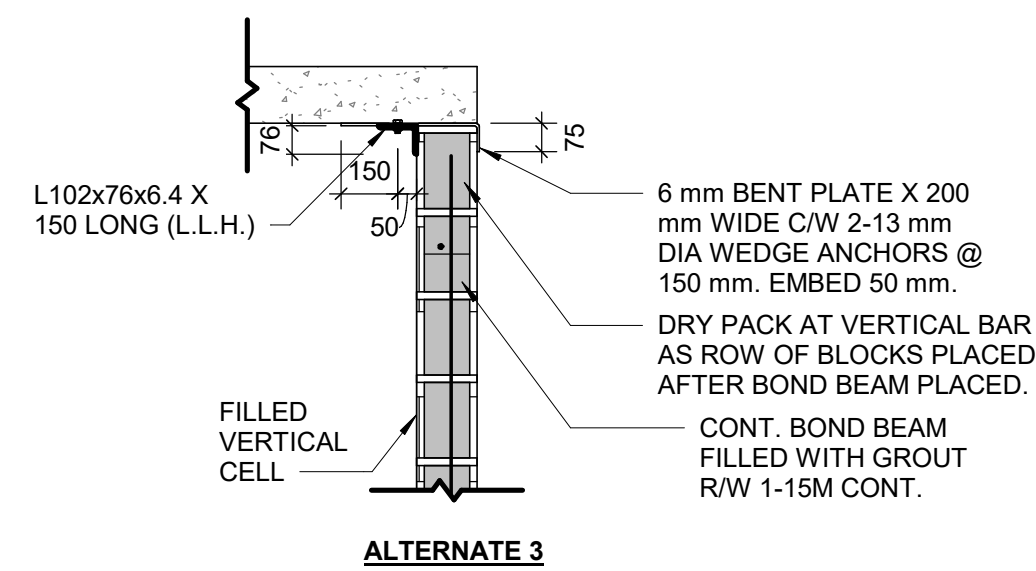
7 SUPPORT DETAIL AT TOP OF BLOCK WALL
D2200 Scale: 1 : 20



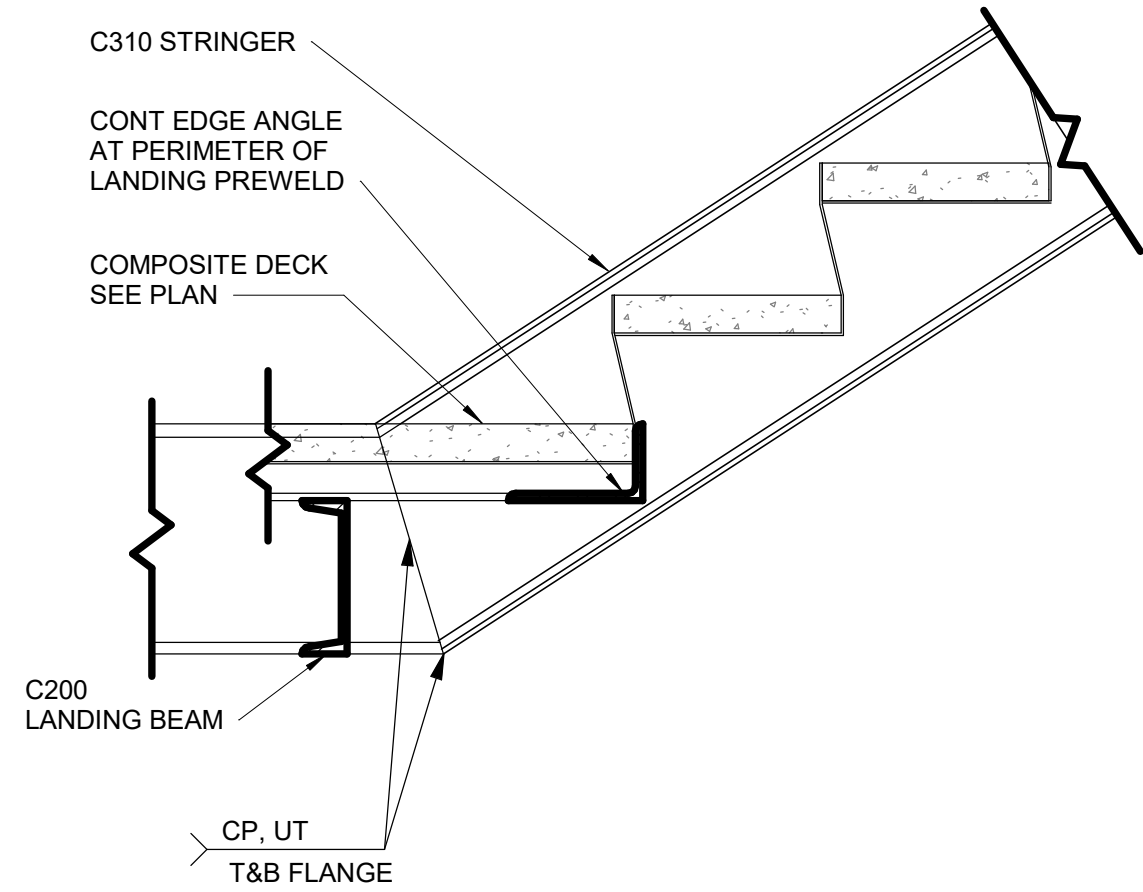
8 TYPICAL SLAB UNDER STRINGER
D2200 Scale: 1 : 10



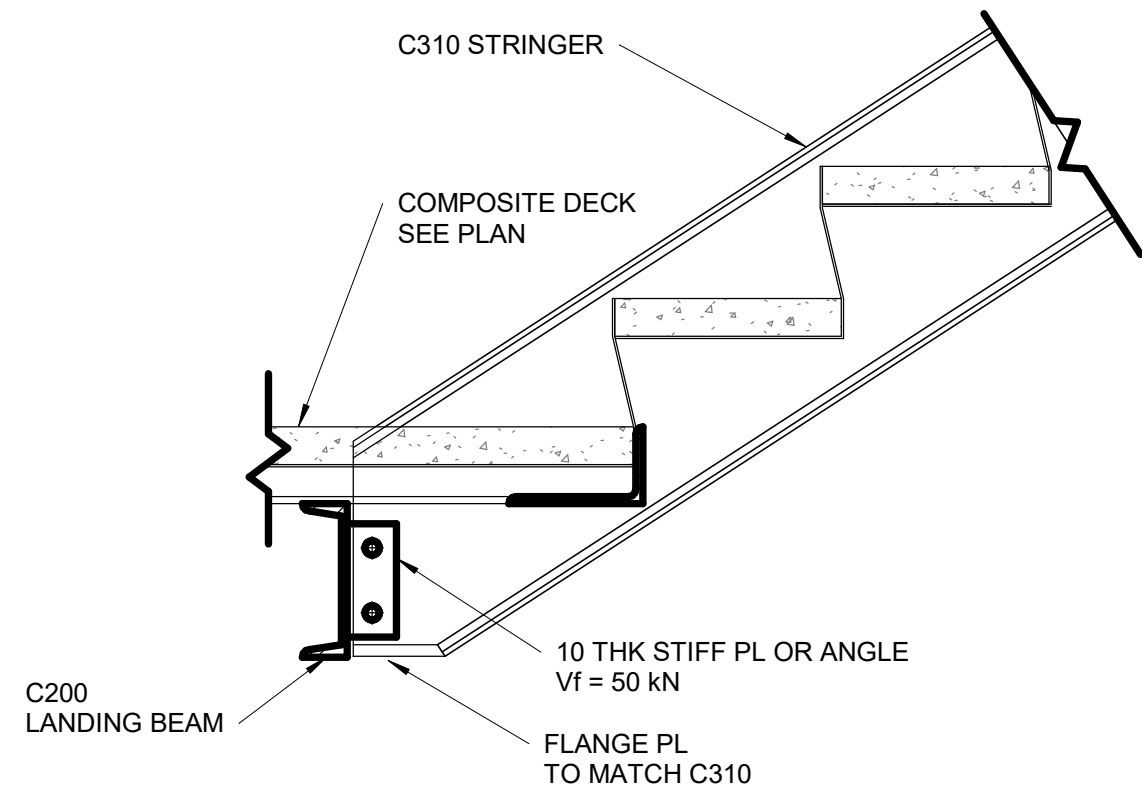
9 TYPICAL SECTION AT UPPER LANDING STRINGER
D2200 Scale: 1 : 10



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



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



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

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

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www.arcadis.com

PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

DRAWN BY:
G. POULOU

CHECKED BY:
M. FAYAZI

PROJECT MGR:
N. FRISCIC

APPROVED BY:
K. ANGER

SHEET TITLE
**STRUCTURAL STEEL
DETAILS - 1**

SHEET NUMBER

G05-D2200

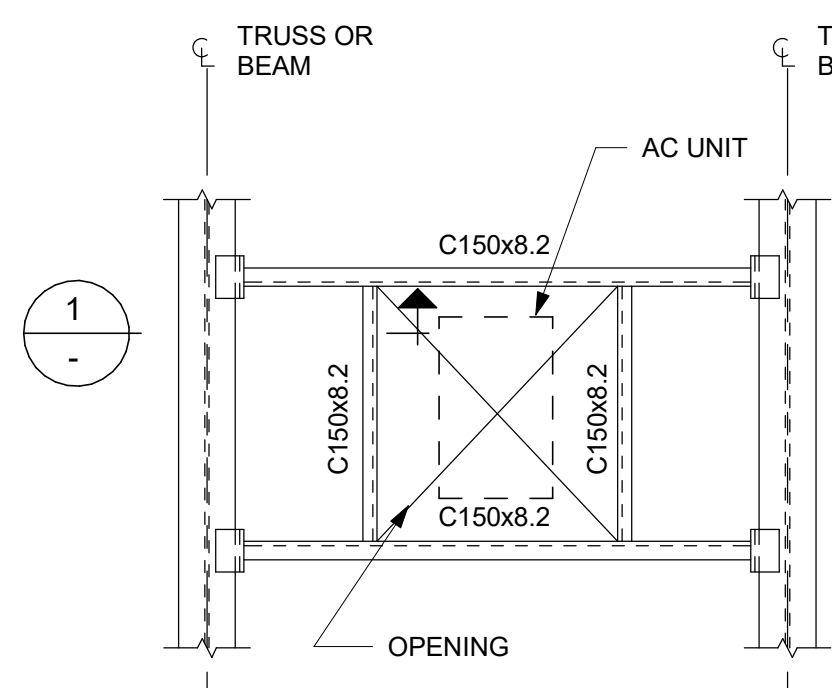
ISSUE

E

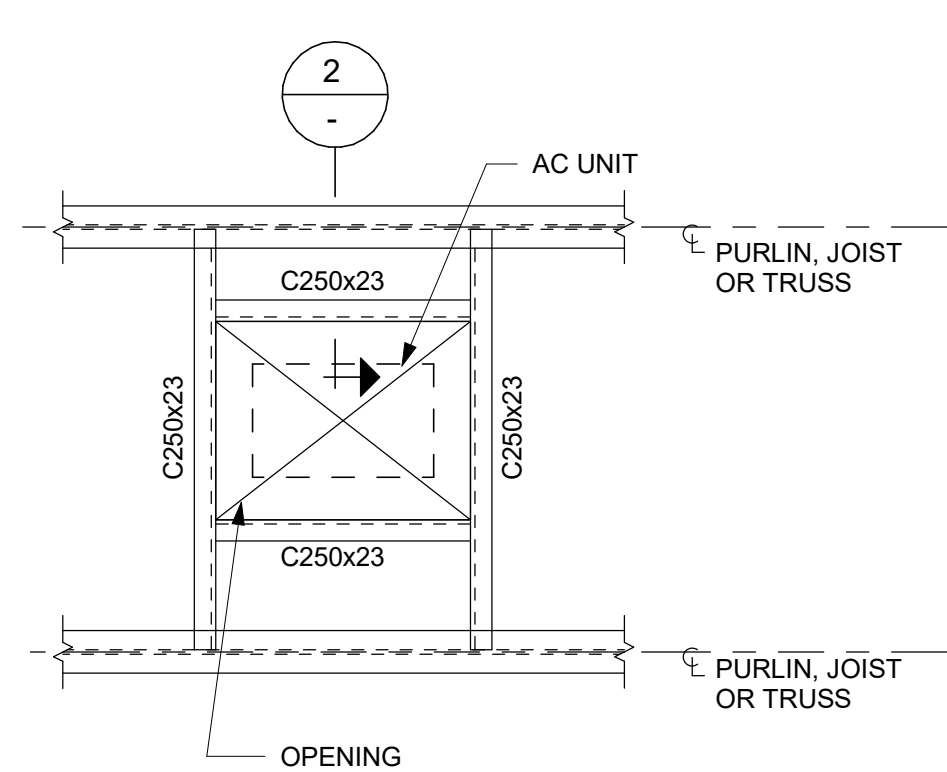
Autodesk Docs // 122260 - Cot TAU Upgrades R2024122260-TAU-G05-Details-R20.rvt

10mm

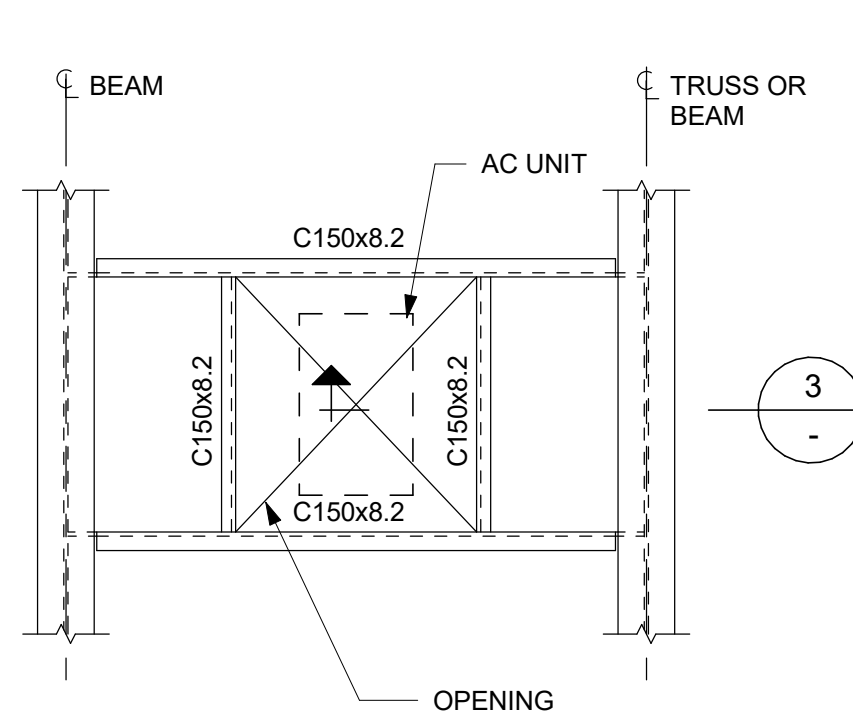
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1 in



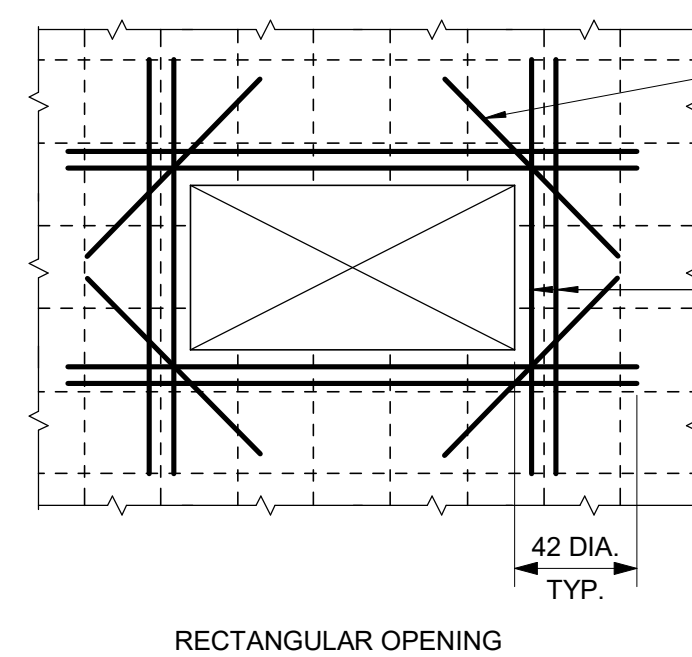
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FRAME TYPE "B"



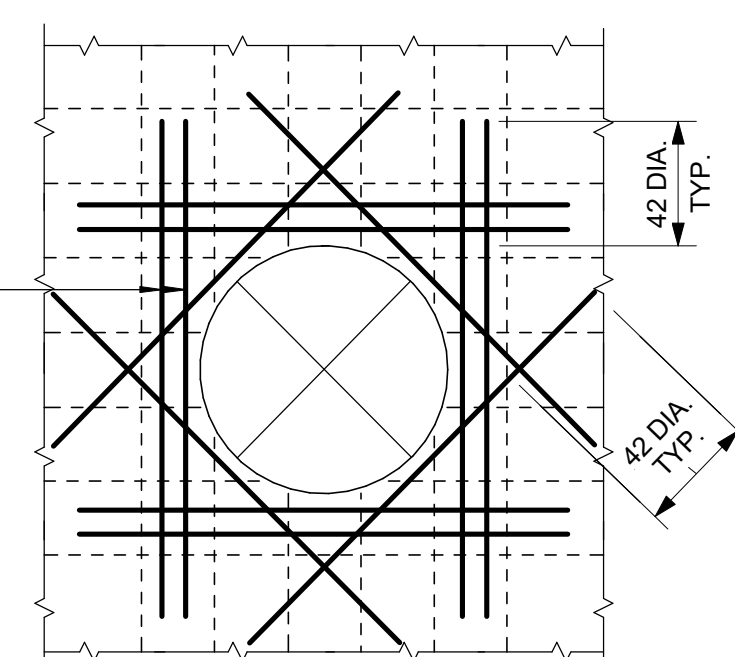
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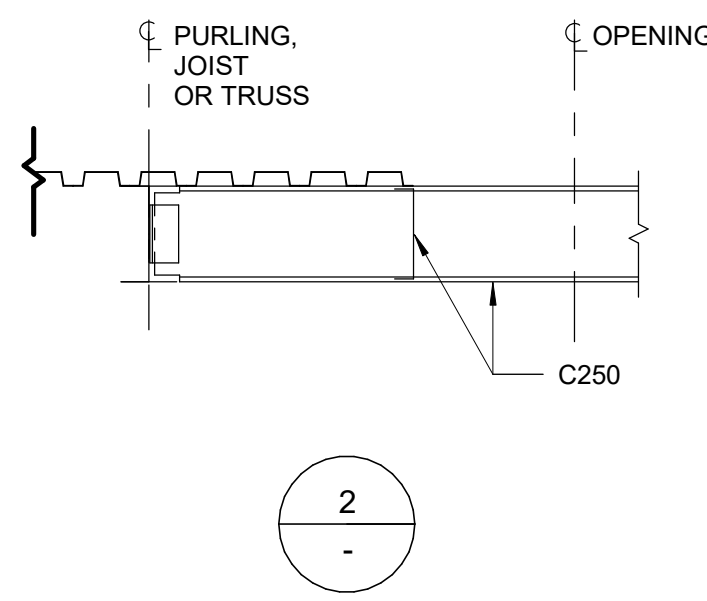
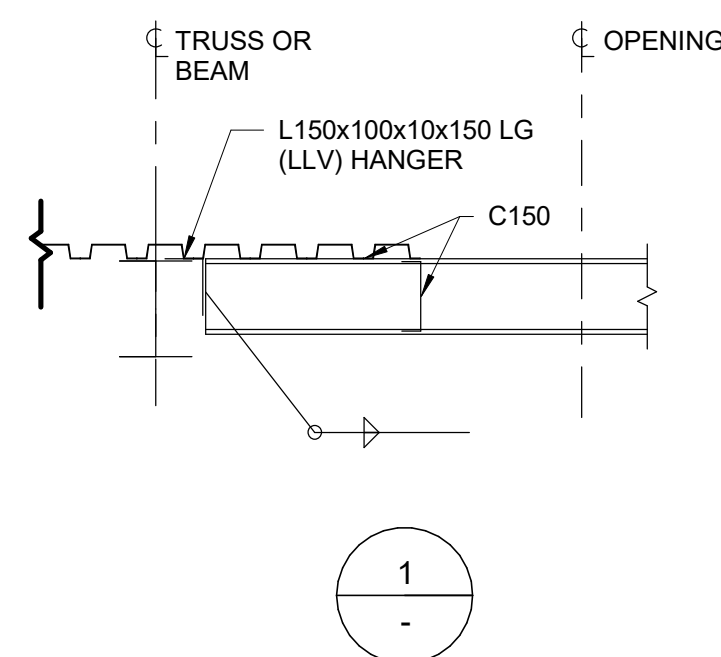
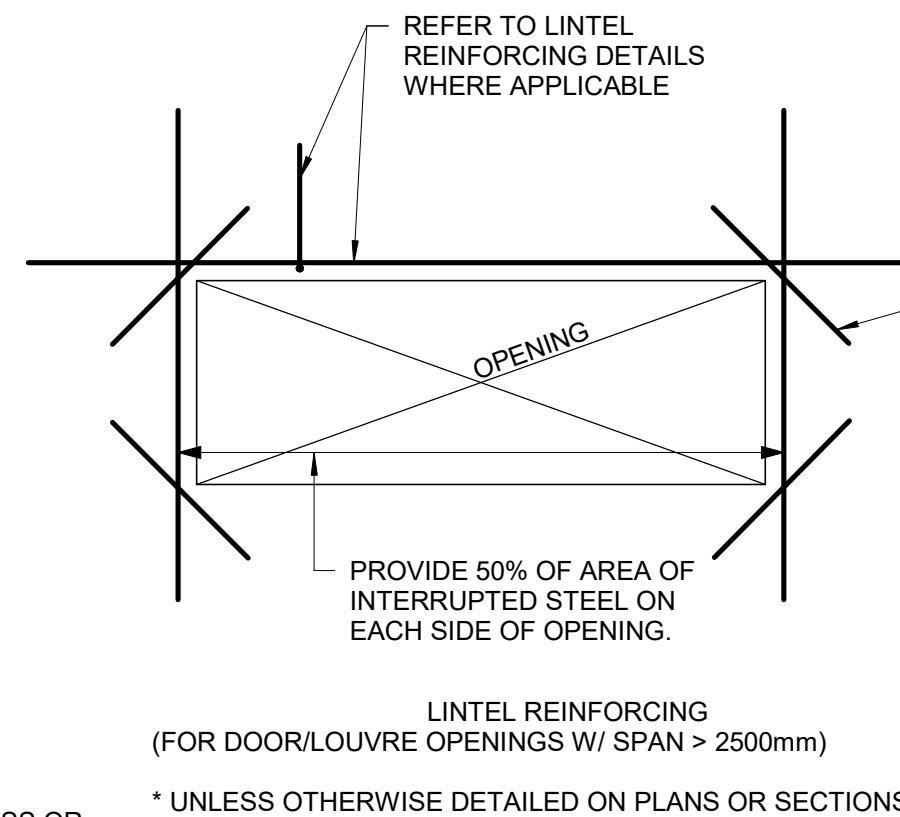
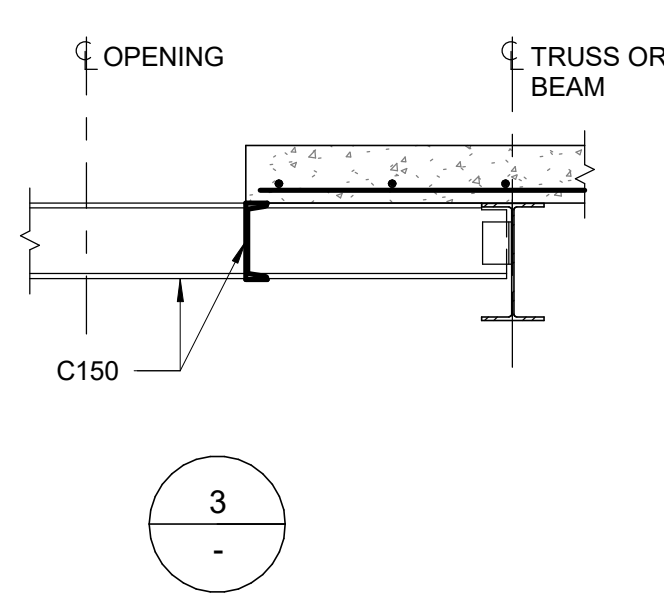
RECTANGULAR OPENING

NOTES:

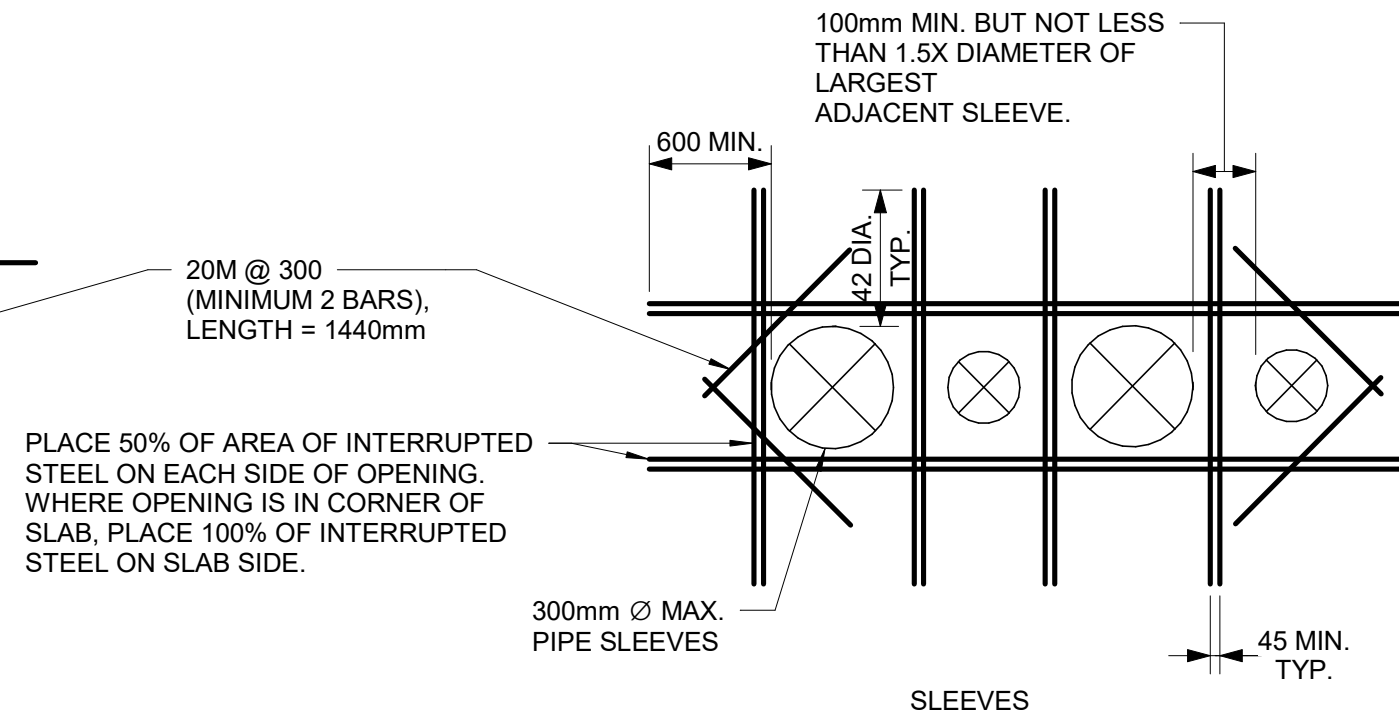
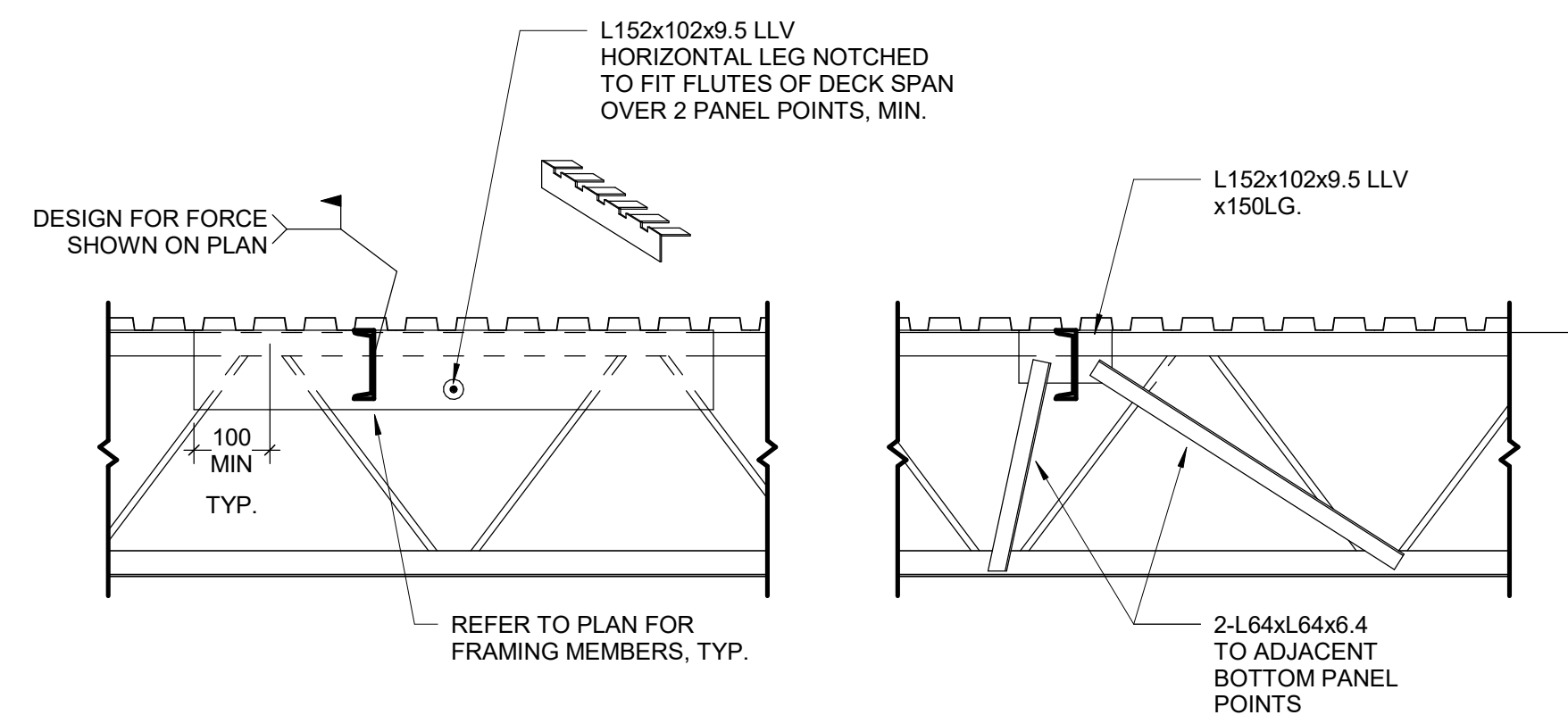
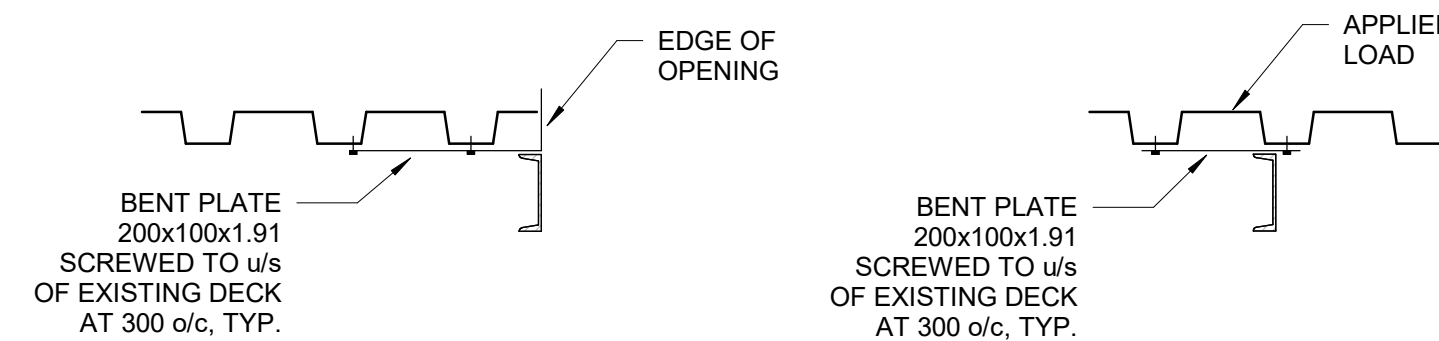
1. UNLESS NOTED OTHERWISE ON PLANS AND SECTION, REINFORCE AROUND OPENINGS AS SHOWN. DO NOT MAKE OPENINGS LARGER THAN THE MAXIMUM DIMENSIONS NOTED BELOW WITHOUT PRIOR REVIEW FROM THE ENGINEER OF RECORD, UNLESS NOTED ON STRUCTURAL DRAWINGS.
2. MAXIMUM SLAB OPENING SIZE IS 2500mm SQUARE OR ROUND U/N ON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



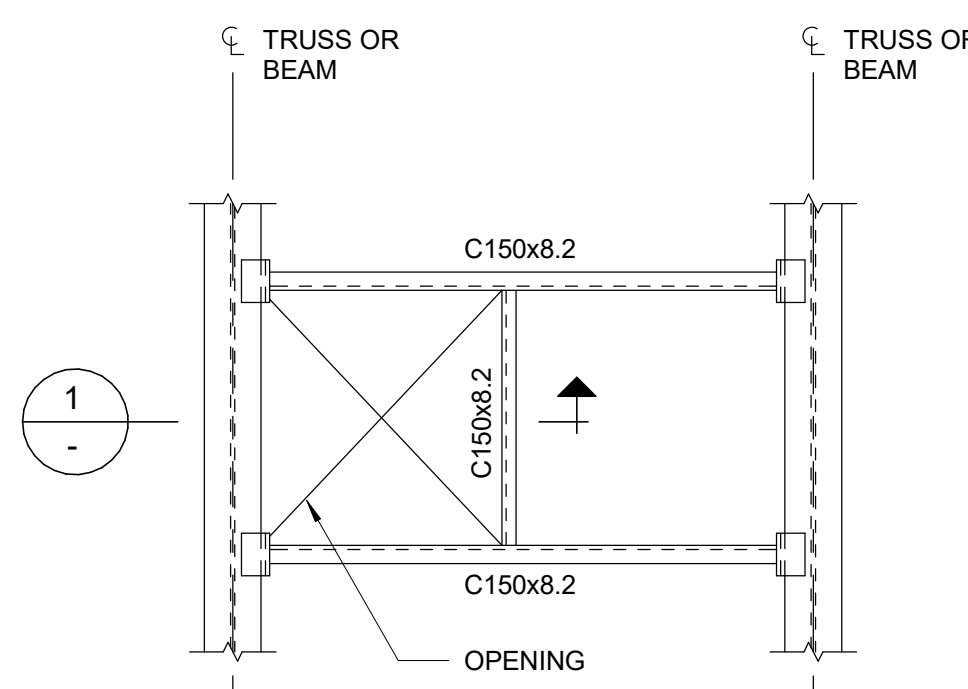
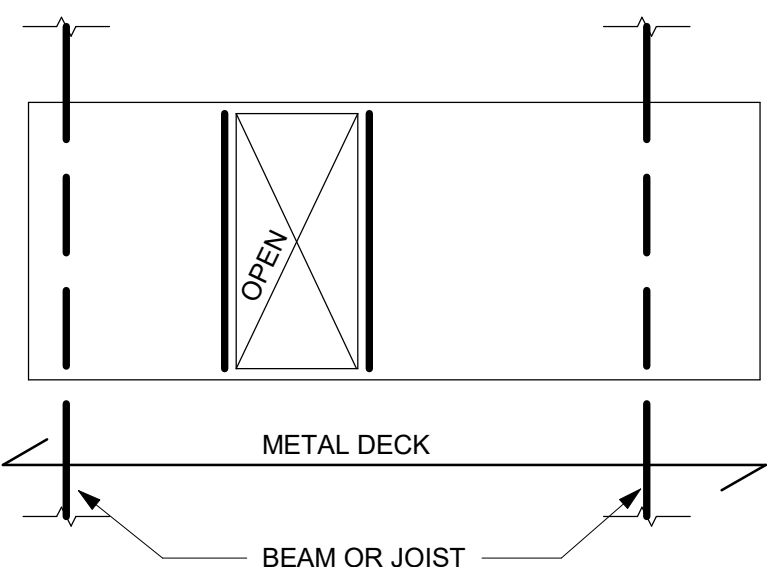
CIRCULAR OPENING

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

* UNLESS OTHERWISE DETAILED ON PLANS OR SECTIONS

2 ADD'L REINF. TO OPENINGS IN CONC. WALLS AND SLABS
D2201 Scale: 1 : 20DETAIL AT EXISTING JOIST
(TWO OPTIONS SHOWN)

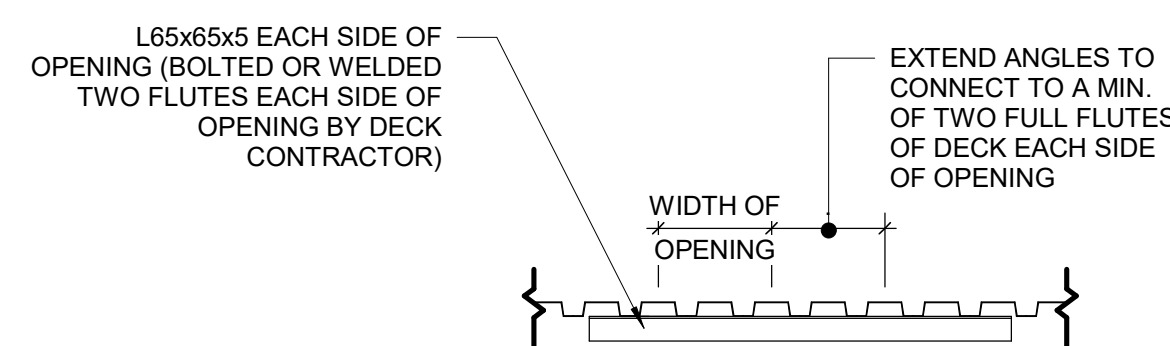
DETAIL AT EXISTING DECK

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

NOTES:

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

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

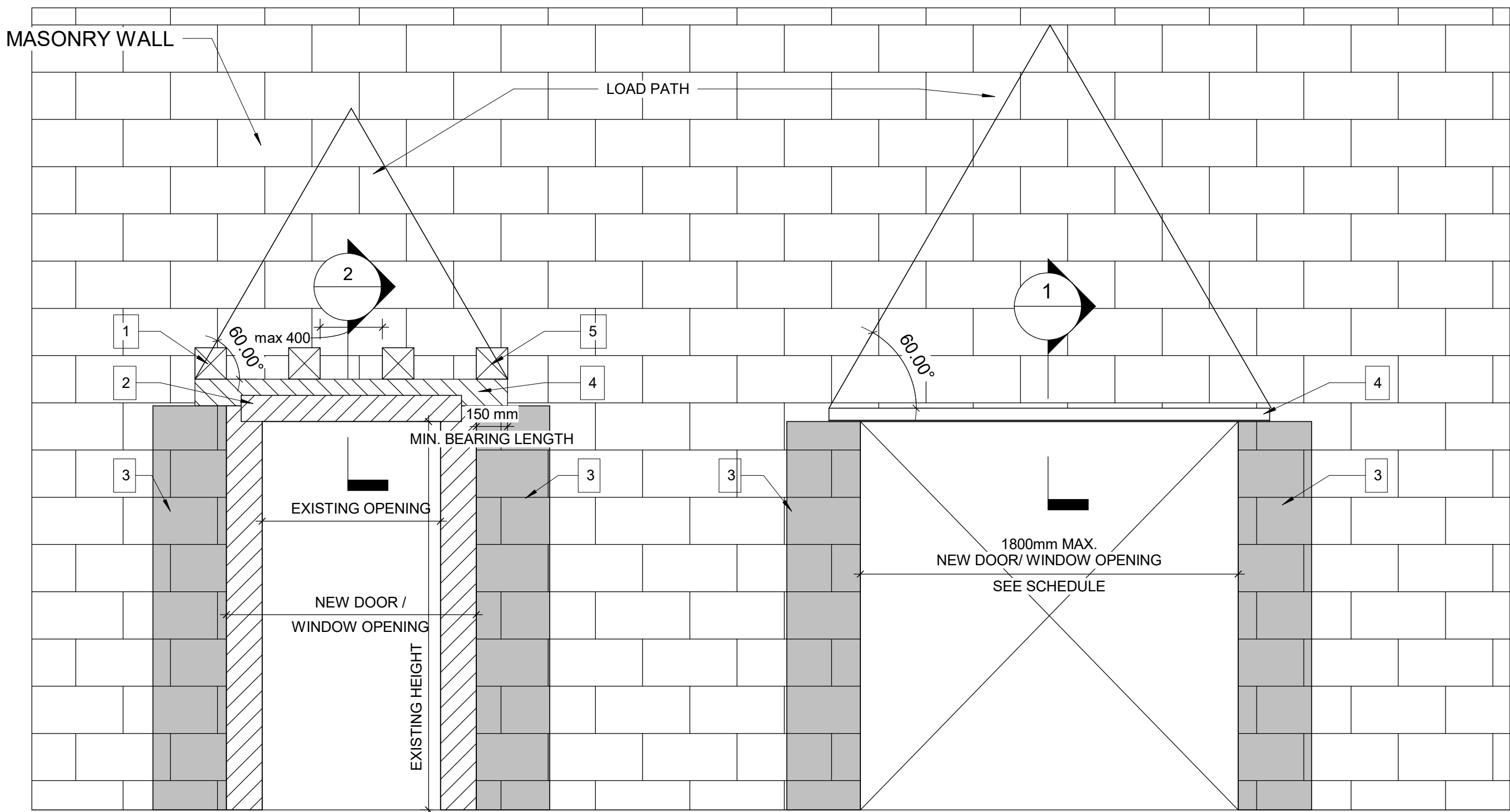
5 TYPICAL HOUSEKEEPING PAD
D2201 Scale: 1 : 107 METAL DECK OPENINGS 200 TO 360 WIDE
D2201 Scale: 1 : 20

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

PROPOSED SEQUENCE OF WORK

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

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

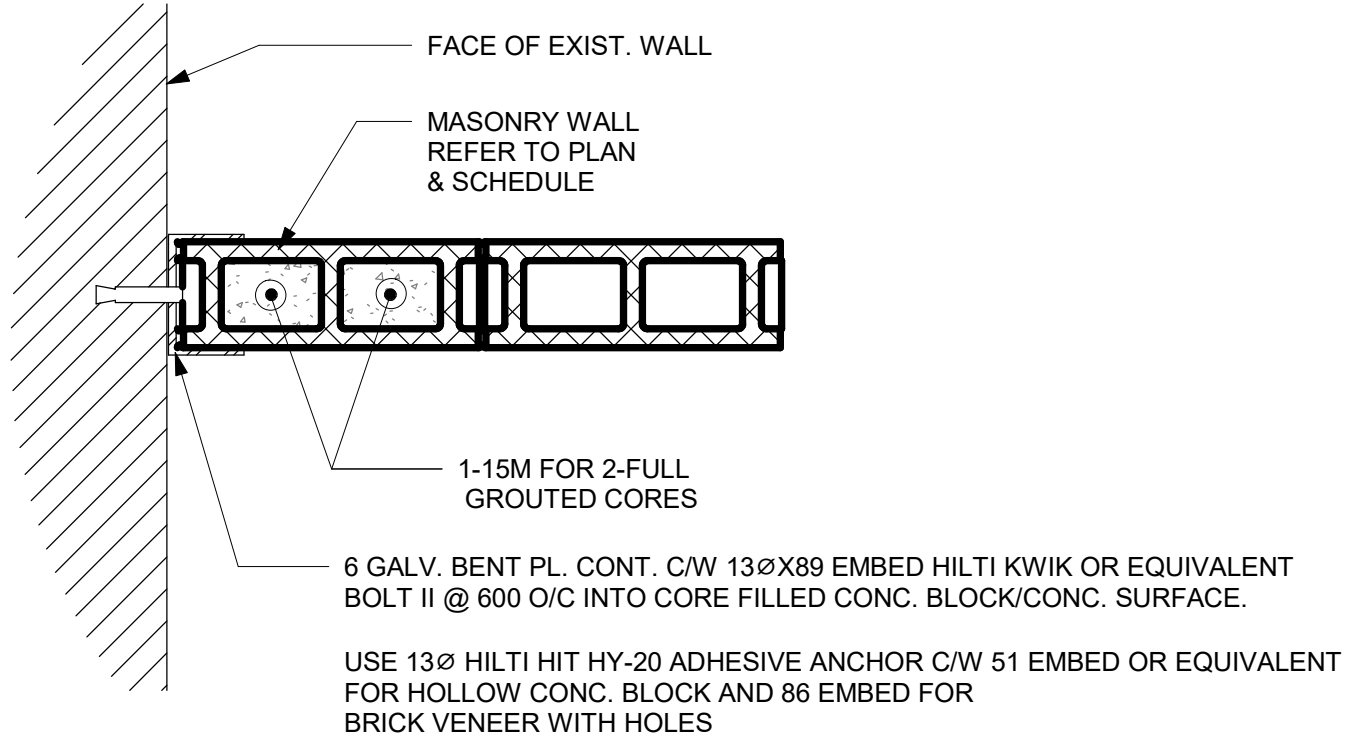
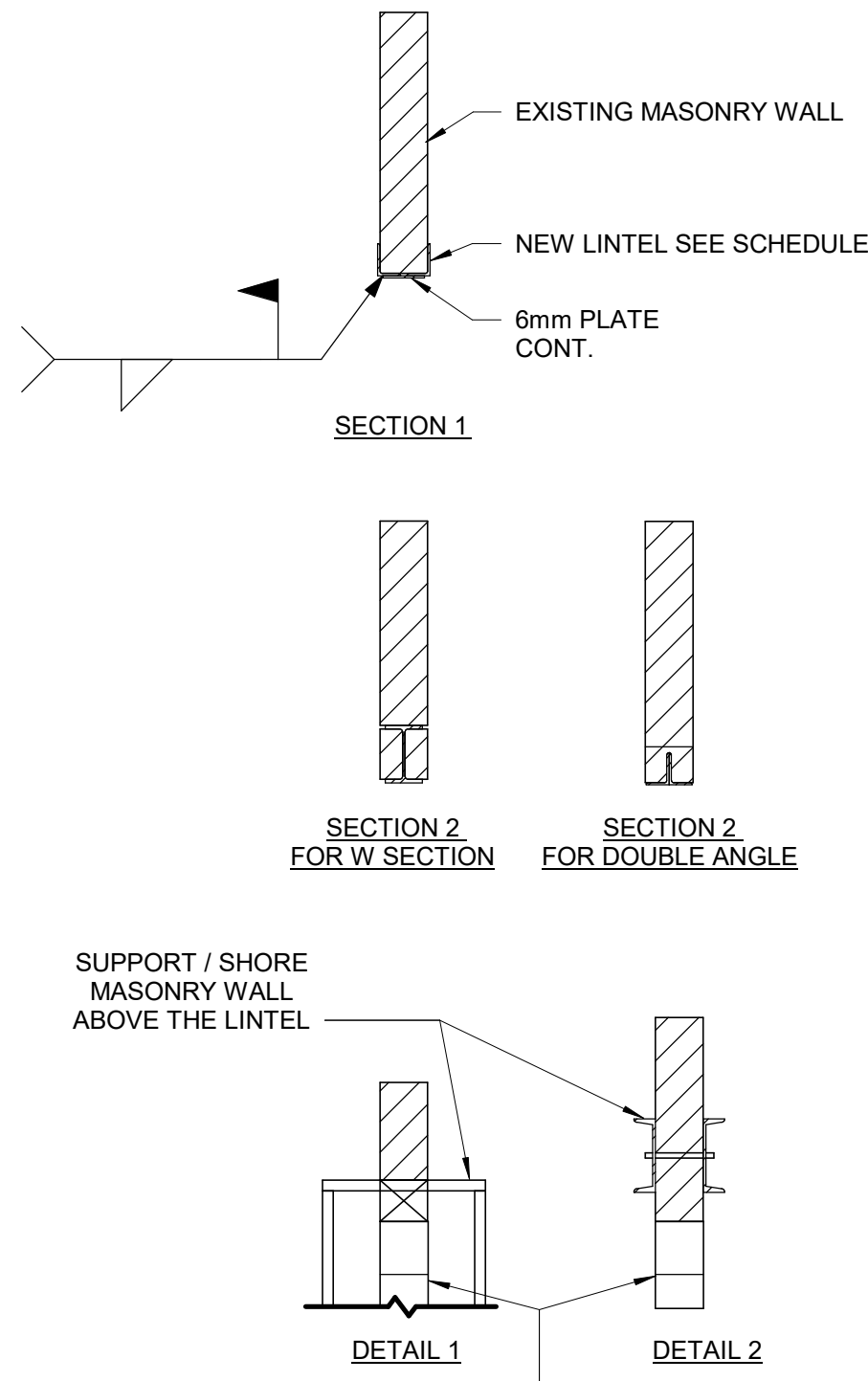
LINTEL:

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

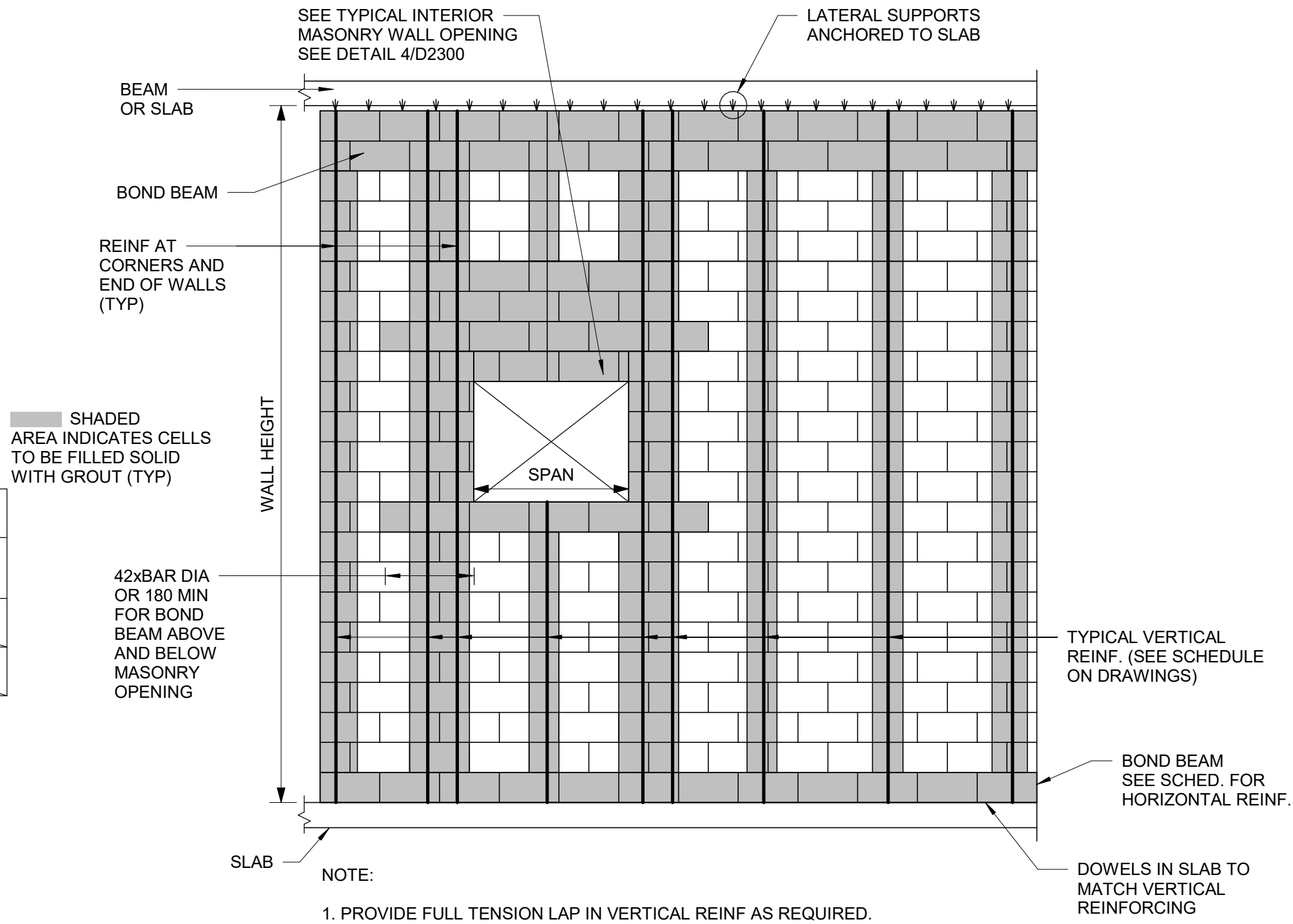
STEEL LINTELS

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

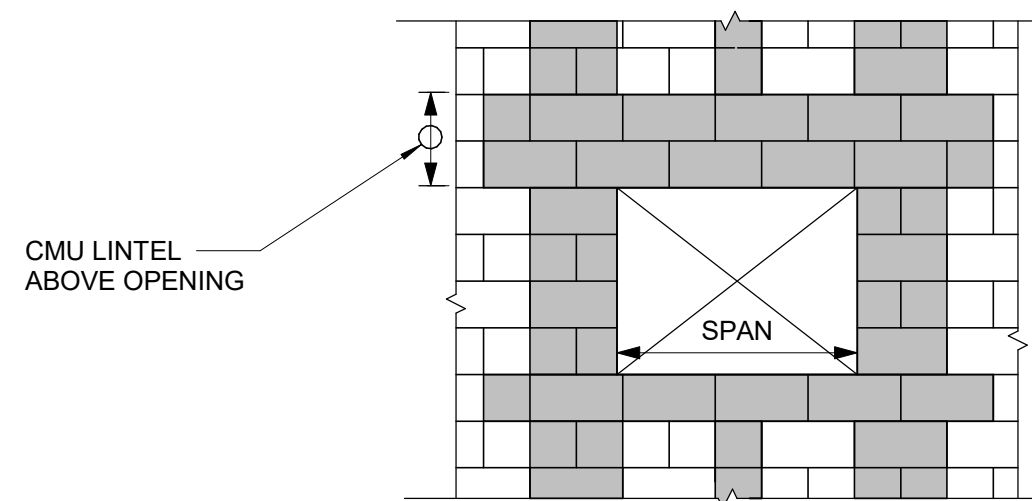
- TO INSTALL A LINTEL TO THE EXISTING BLOCK WALL FOR A NEW OPENING, CUT A GROOVE THROUGH THE EXISTING BLOCK WALL AT THE TOP OF THE NEW OPENING AND INSTALL THE ANGLE FROM ONE SIDE OF THE WALL FOR SINGLE ANGLE OR FROM BOTH SIDES OF THE WALL FOR DOUBLE ANGLE AND THEN CUT THE OPENING.
- MINIMUM BEARING FOR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



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



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



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

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

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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

DRAWN BY:
G. POULOU

CHECKED BY:
M. FAYAZI

PROJECT MGR:
N. FRISCIC

APPROVED BY:
K. ANGER

SHEET TITLE
MASONRY DETAILS

SHEET NUMBER

G05-D2300

ISSUE

E

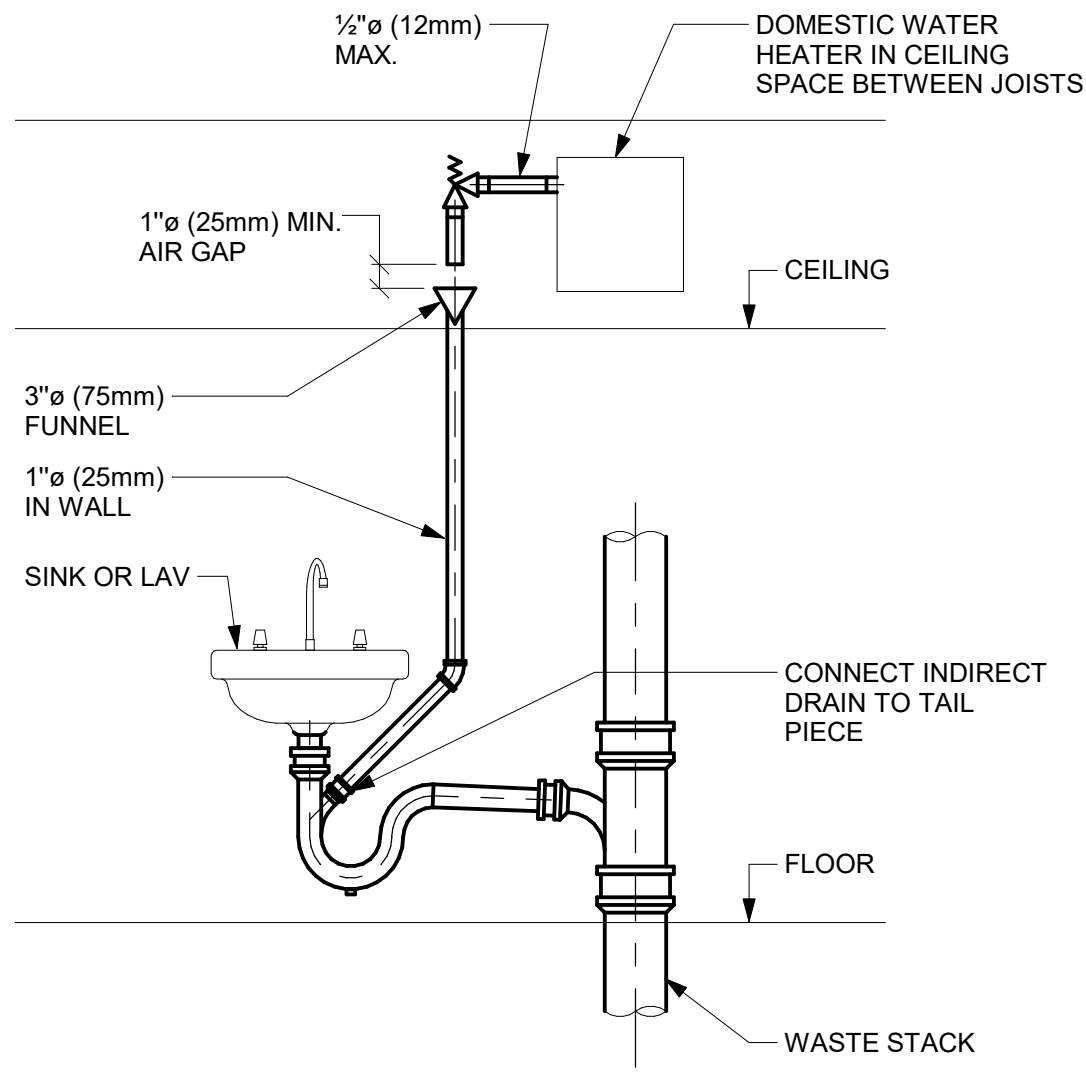
PLUMBING FIXTURE SCHEDULE

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

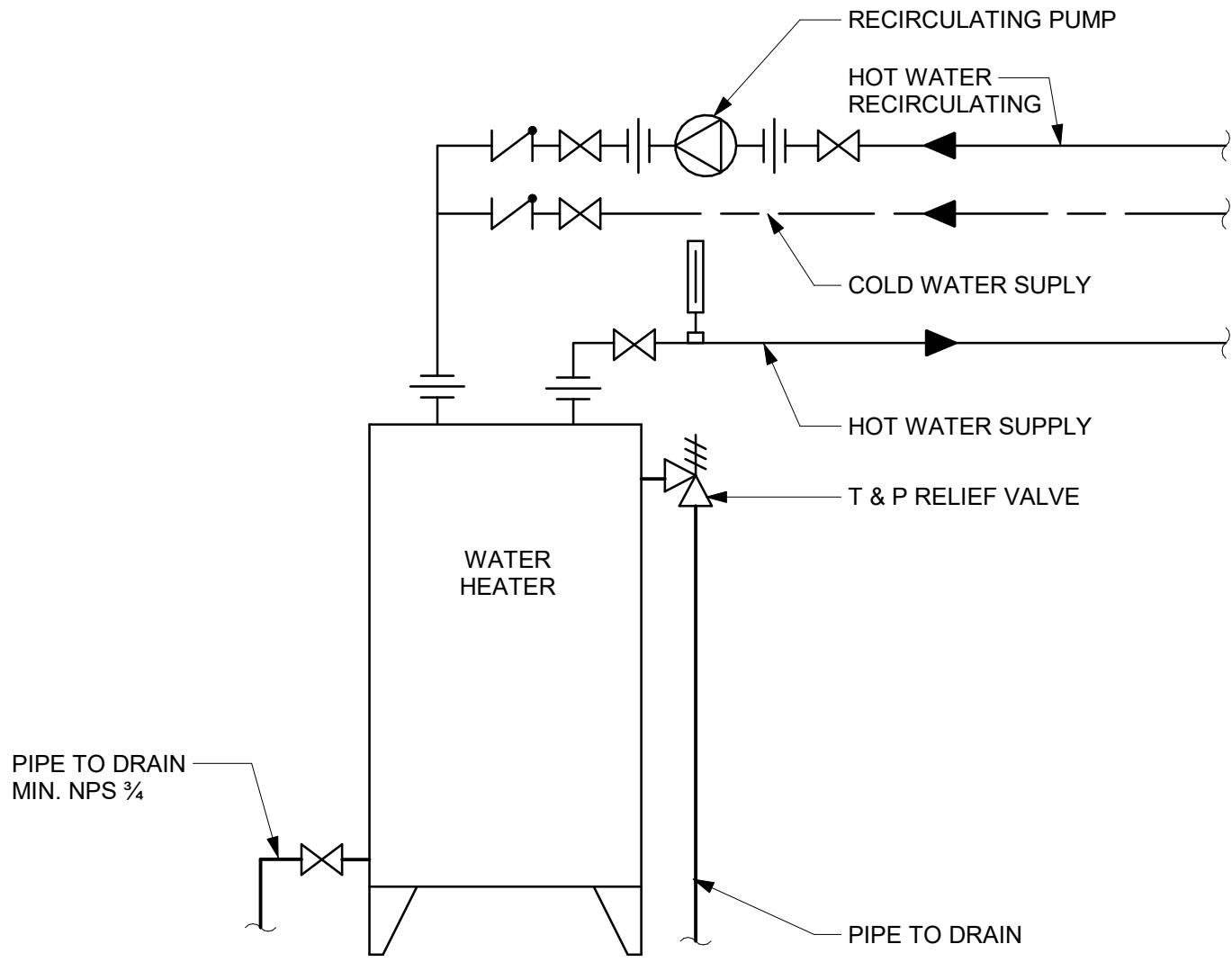
NOTES:

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

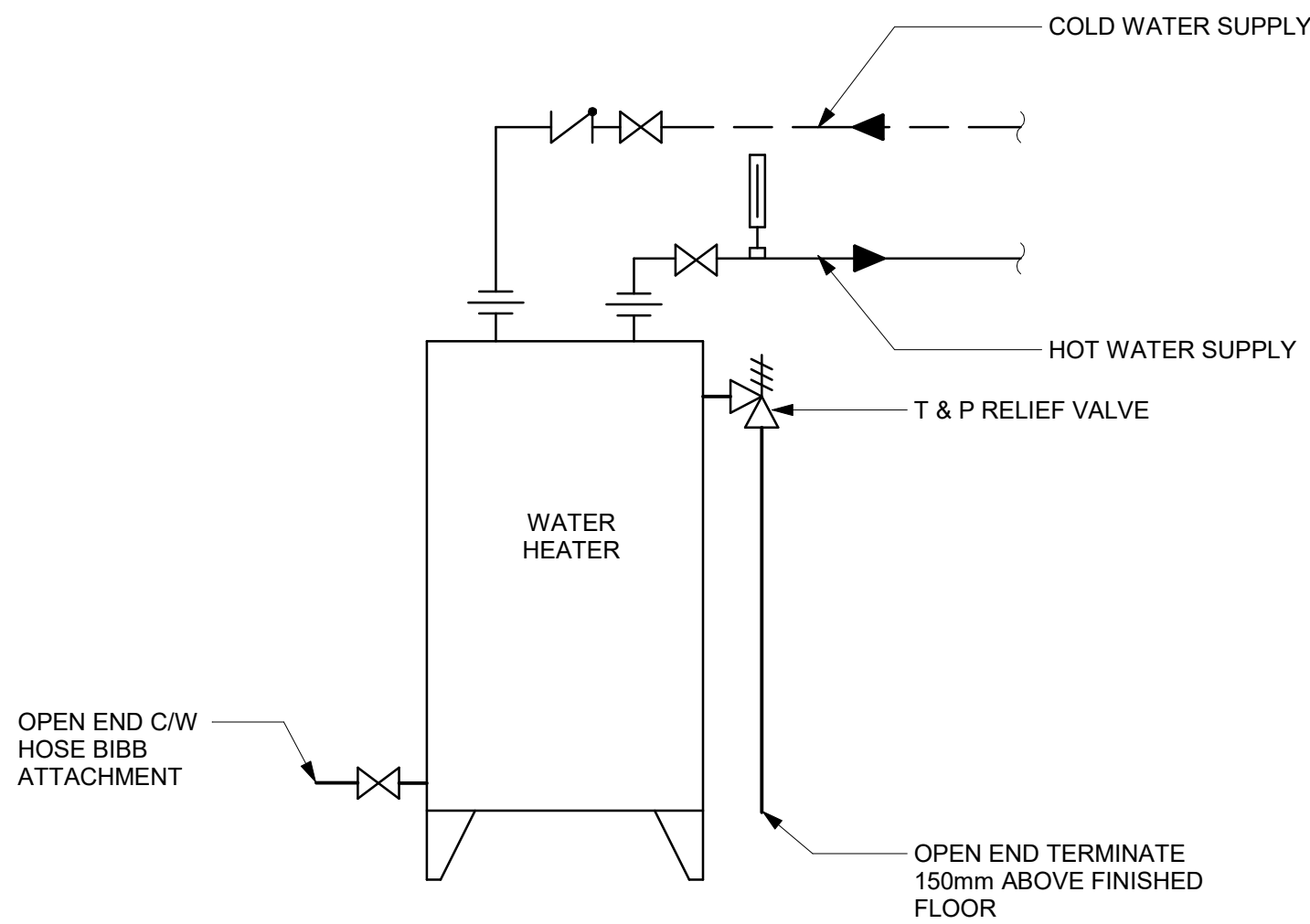
1 PLUMBING FIXTURE SCHEDULE
Scale: N.T.S.



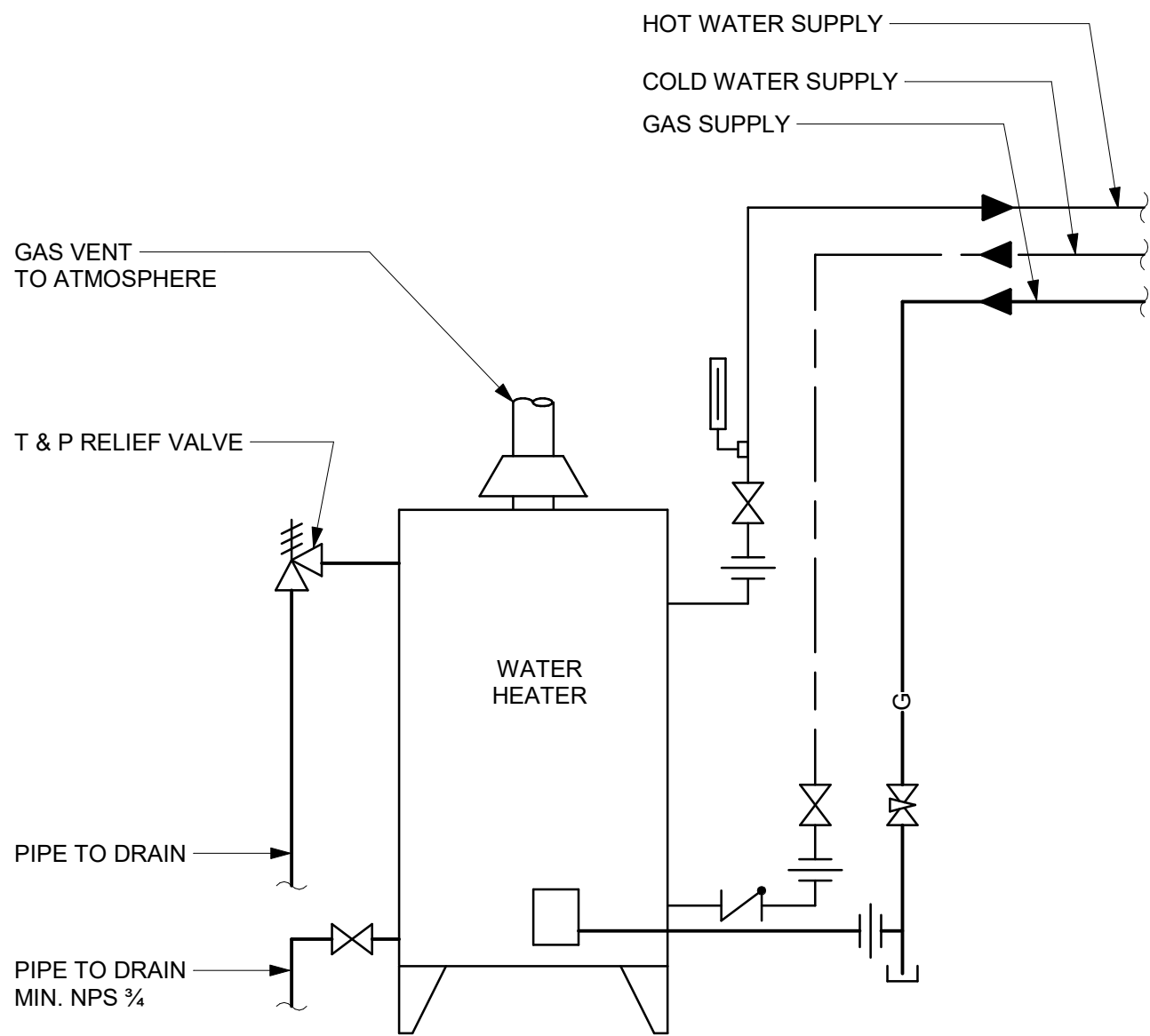
2 INDIRECT WASTE FROM OVERHEAD DWH RELIEF VALVE
Scale: N.T.S.



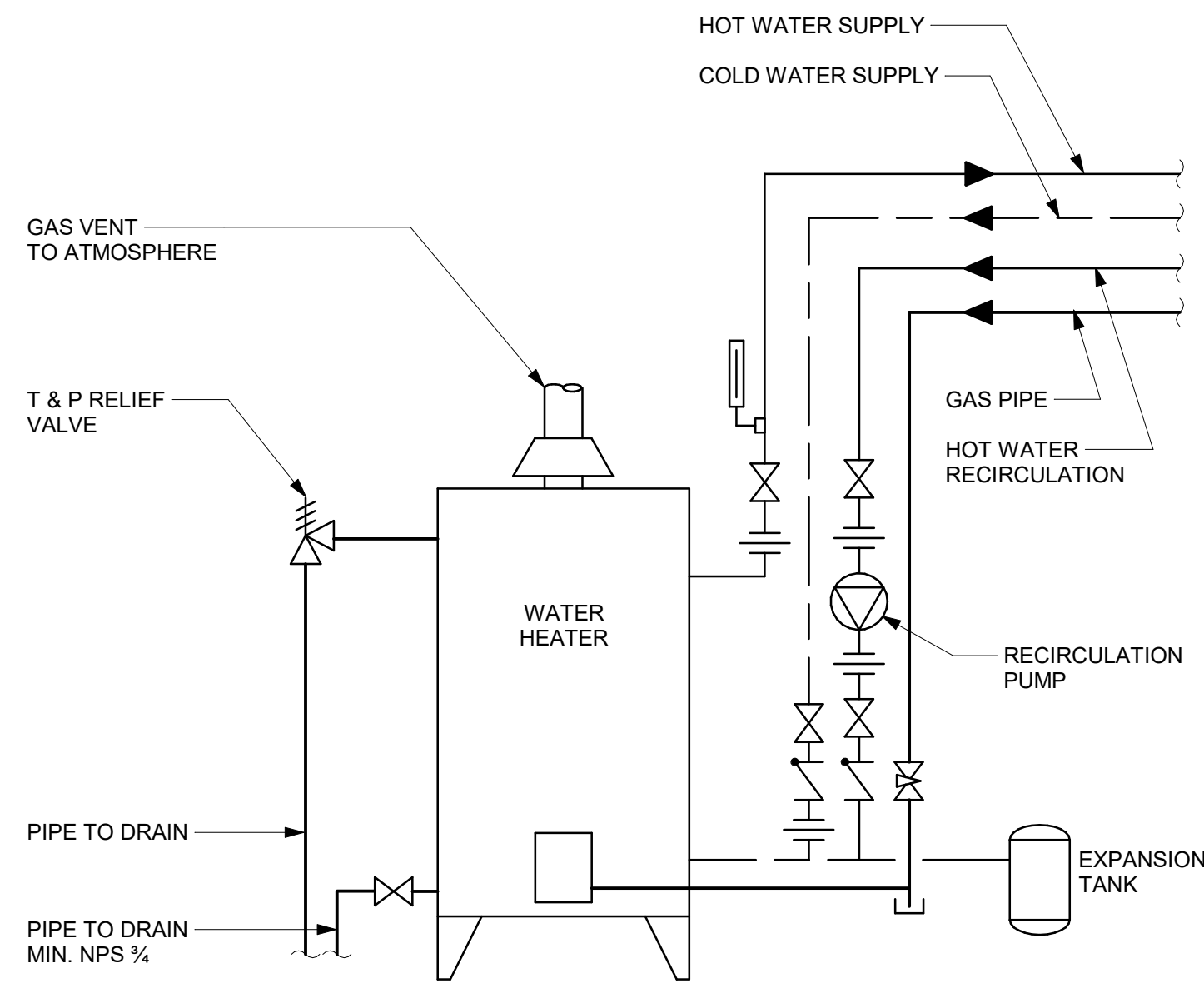
3 DOMESTIC WATER HEATER ELECTRIC WITH RECIRCULATION
Scale: N.T.S.



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



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



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

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F	ISSUED FOR TENDER	2025-04-11

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ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

DRAWN BY:
K. DURUKAN

CHECKED BY:
B. LIAO

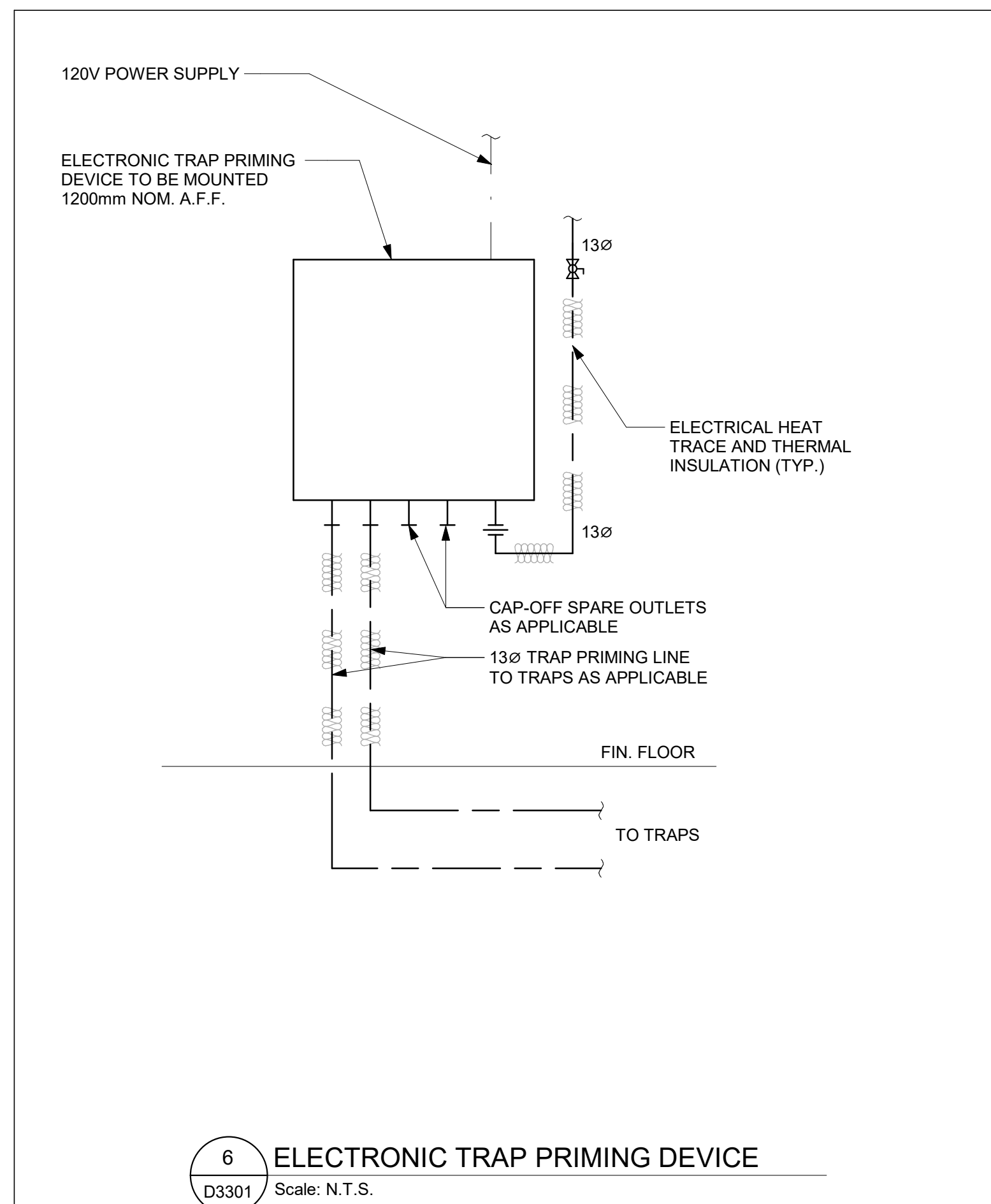
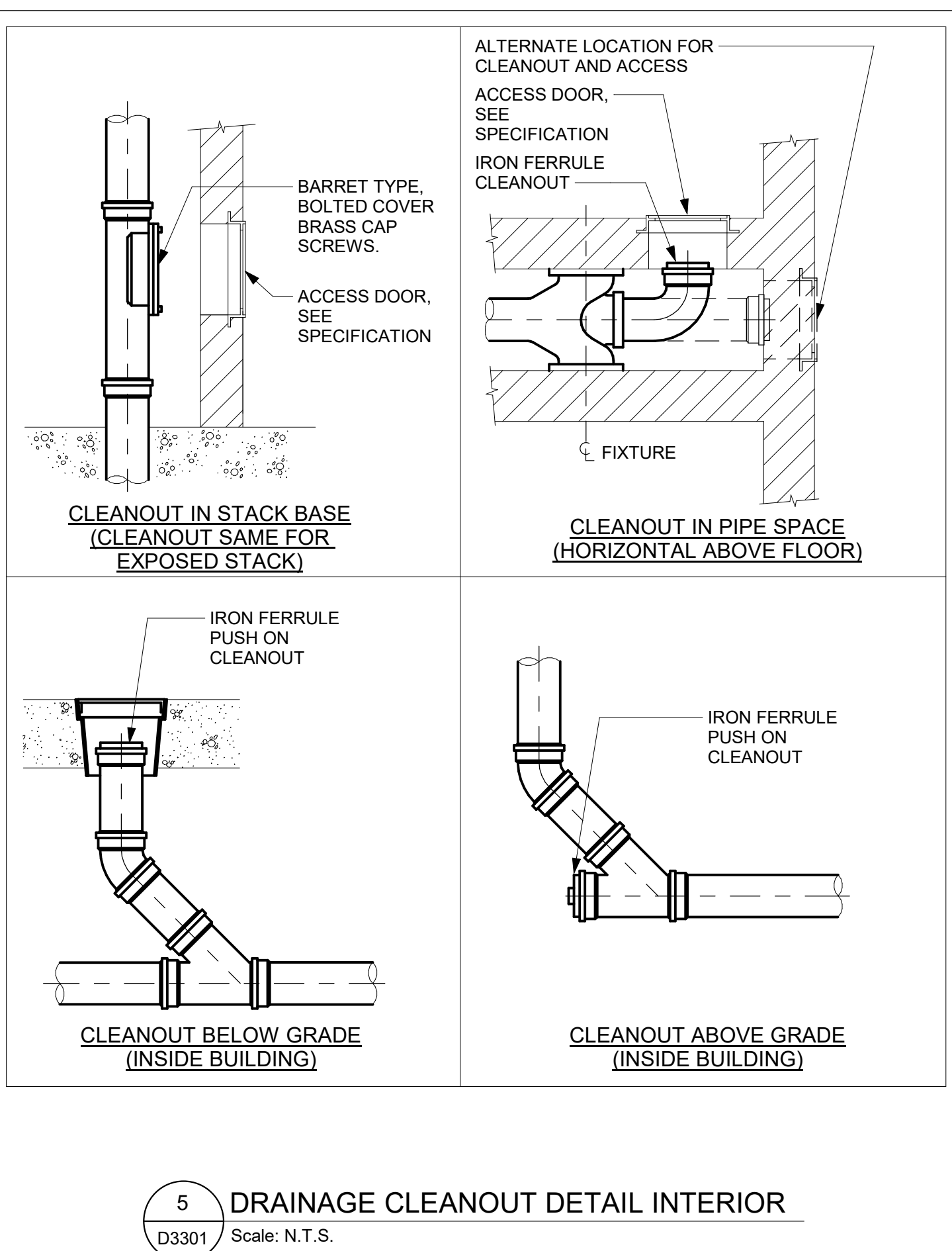
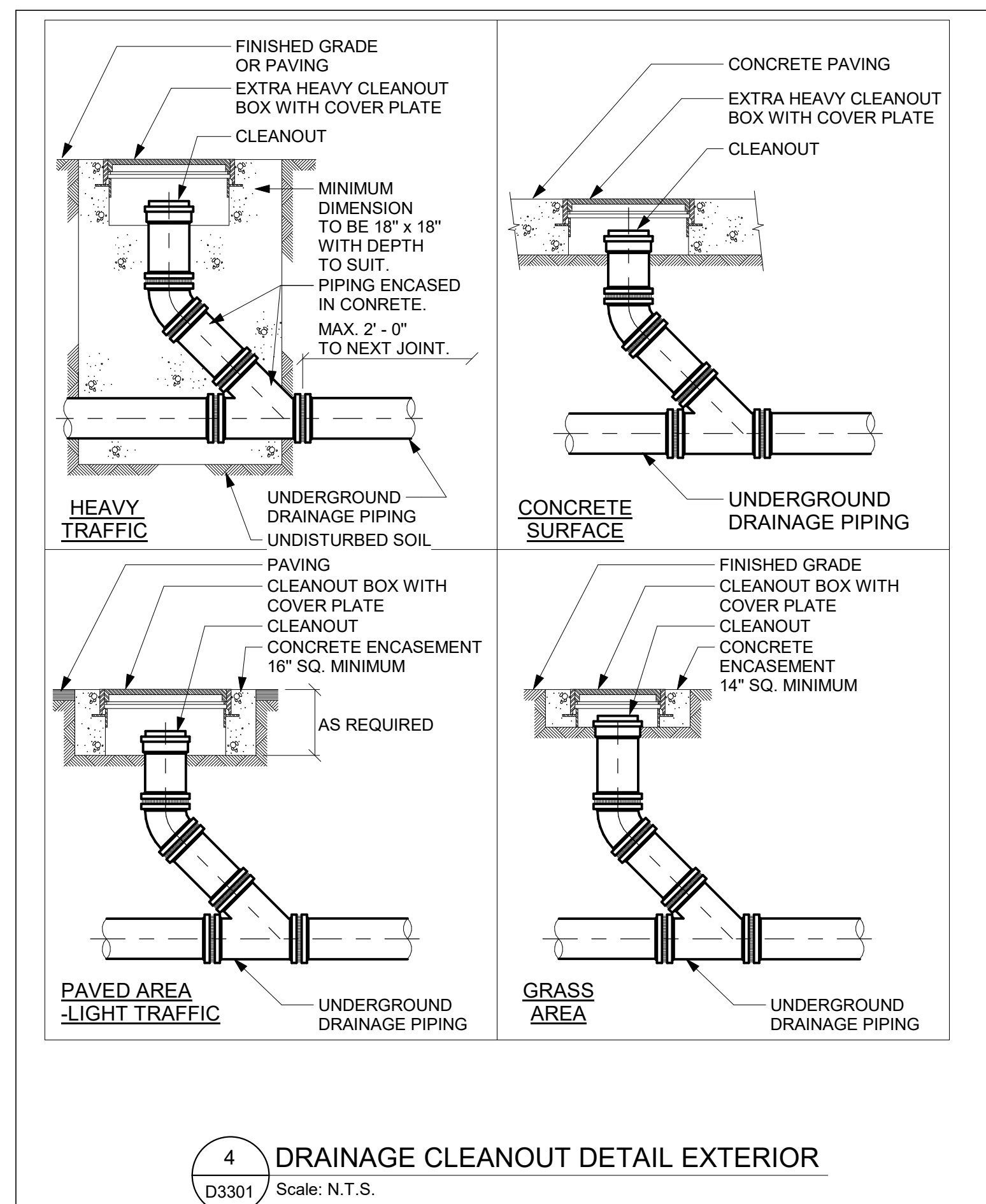
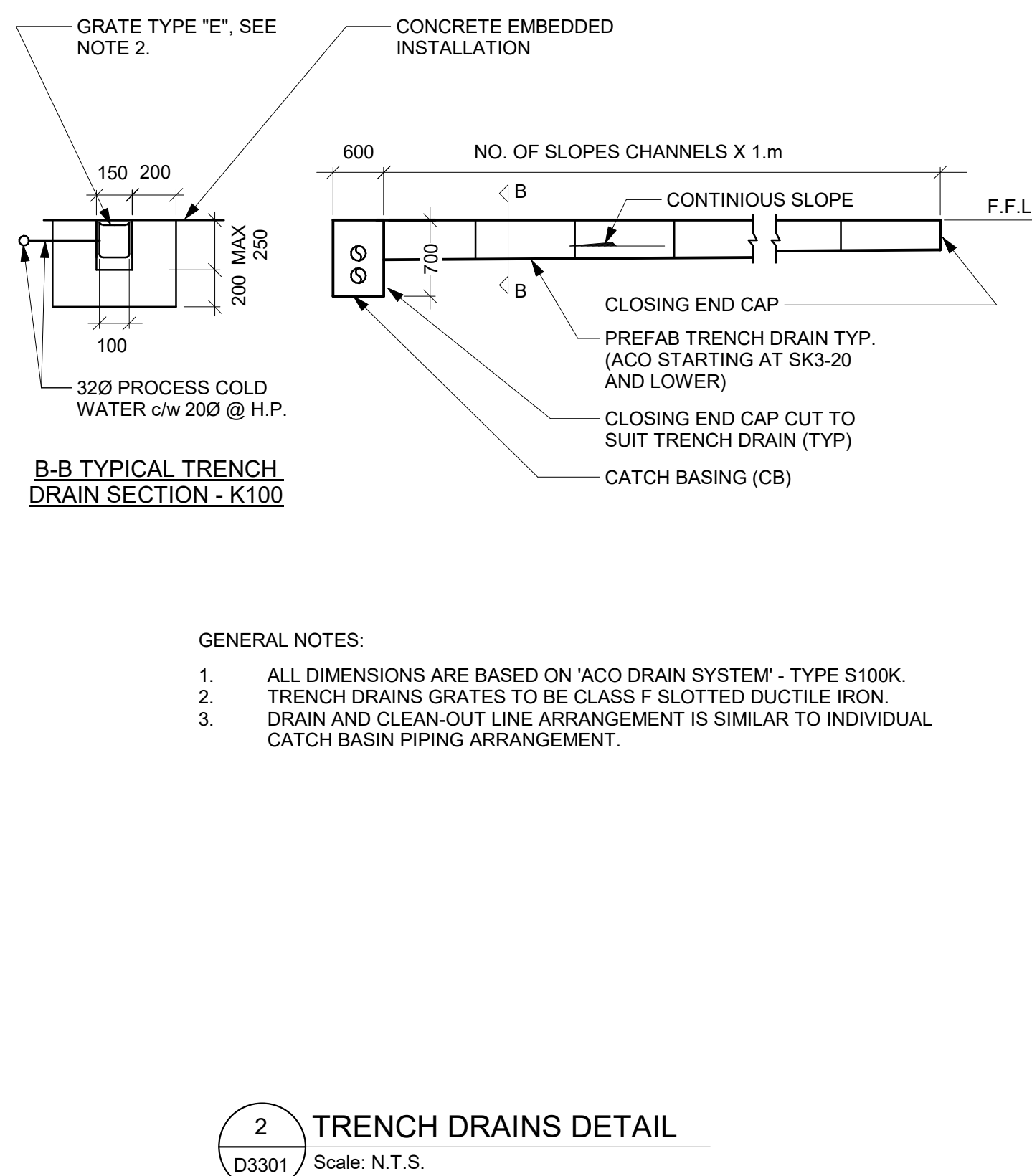
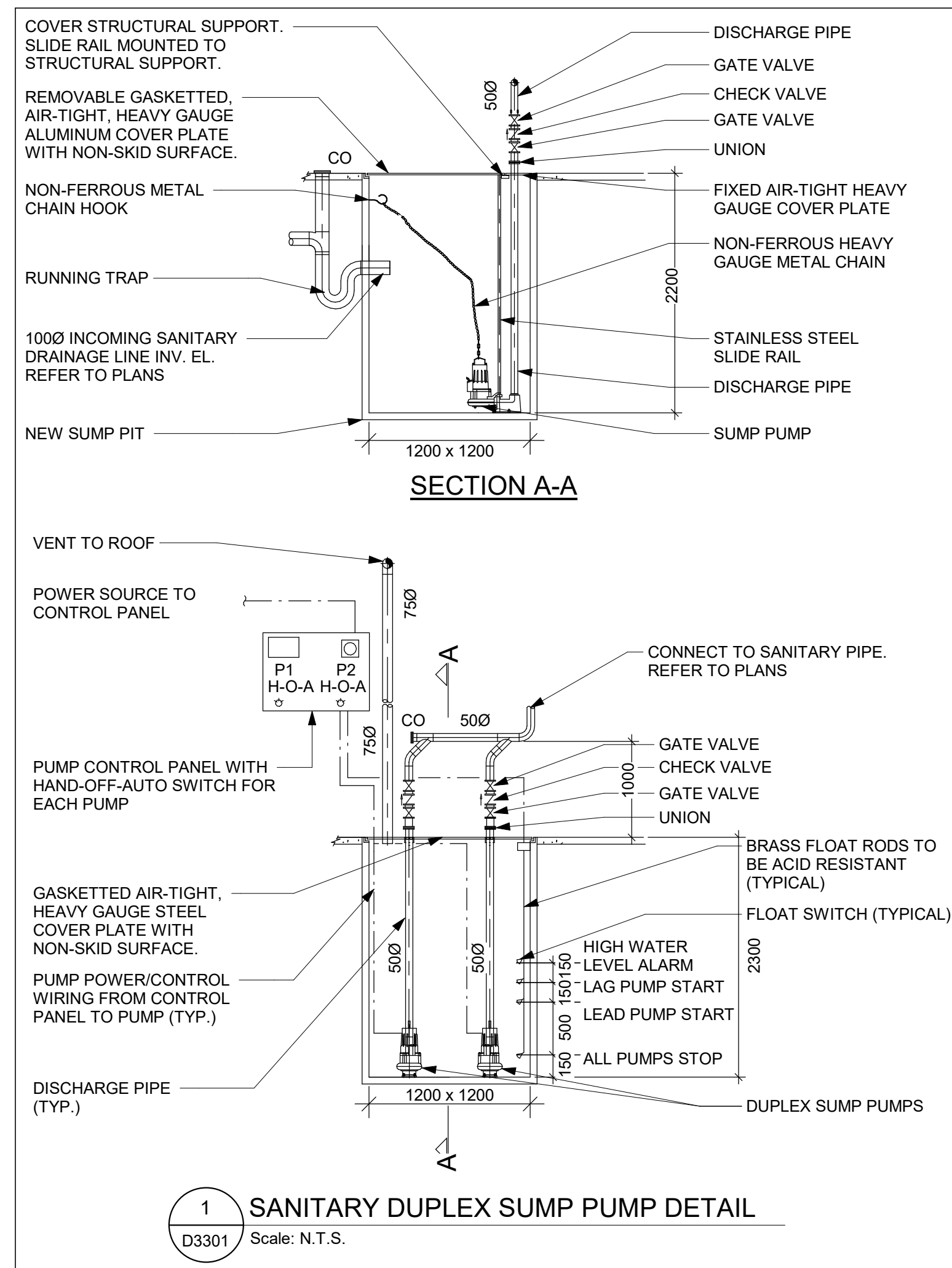
PROJECT MGR:
F. BOLOURIAN

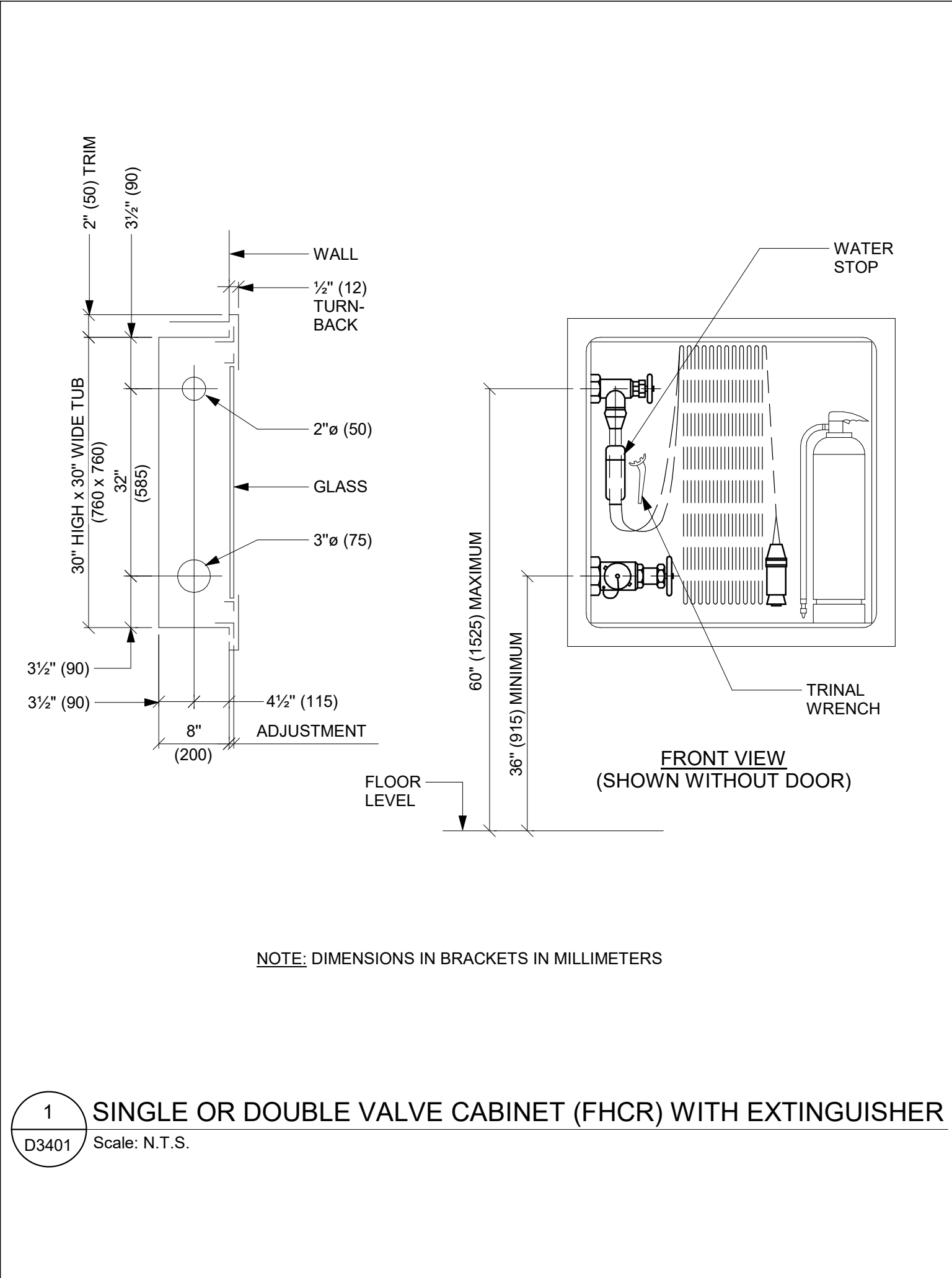
APPROVED BY:
S. LIU

SHEET TITLE
PLUMBING DETAILS

SHEET NUMBER
G05-GAL-D3201

ISSUE
F





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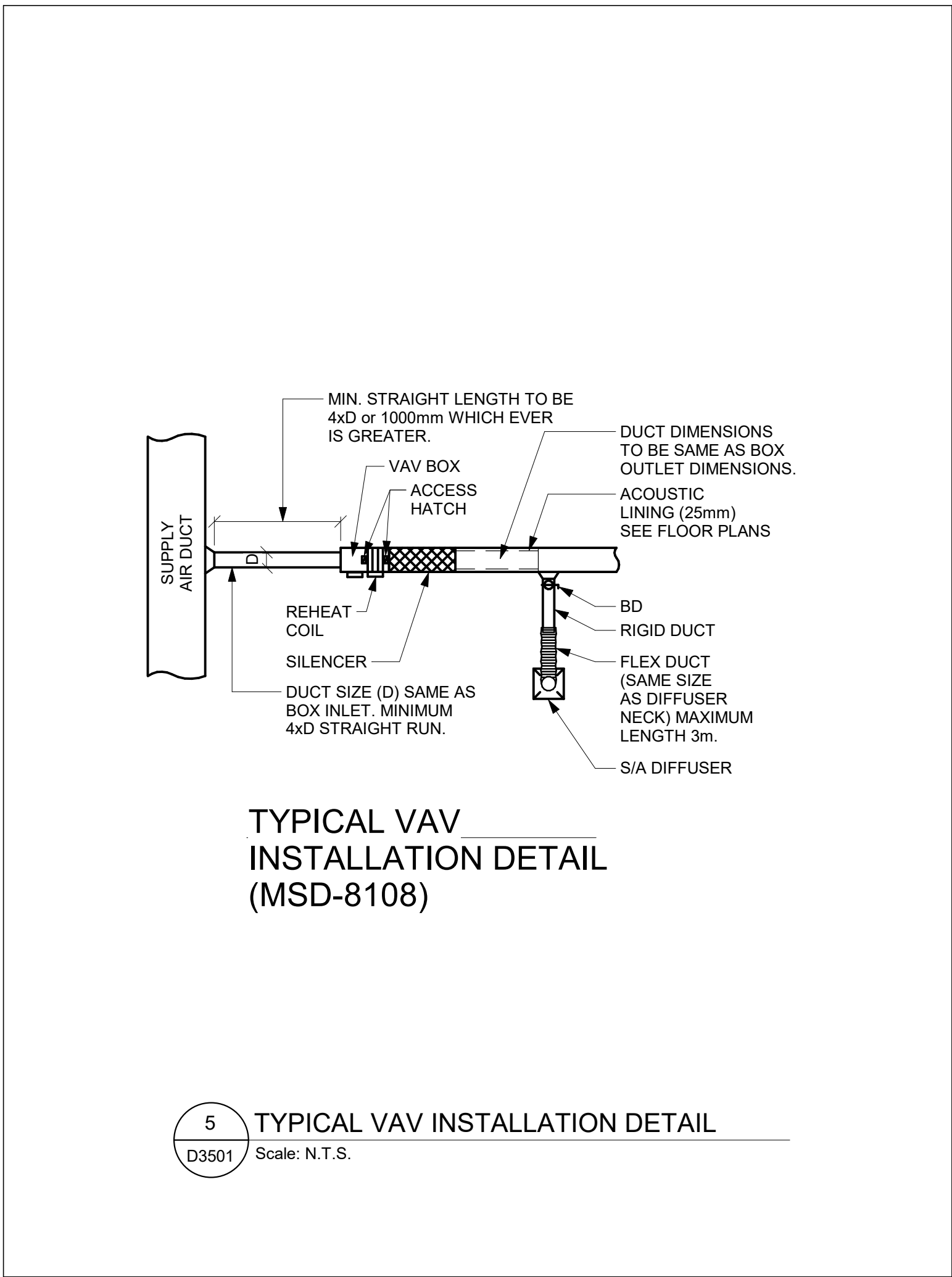
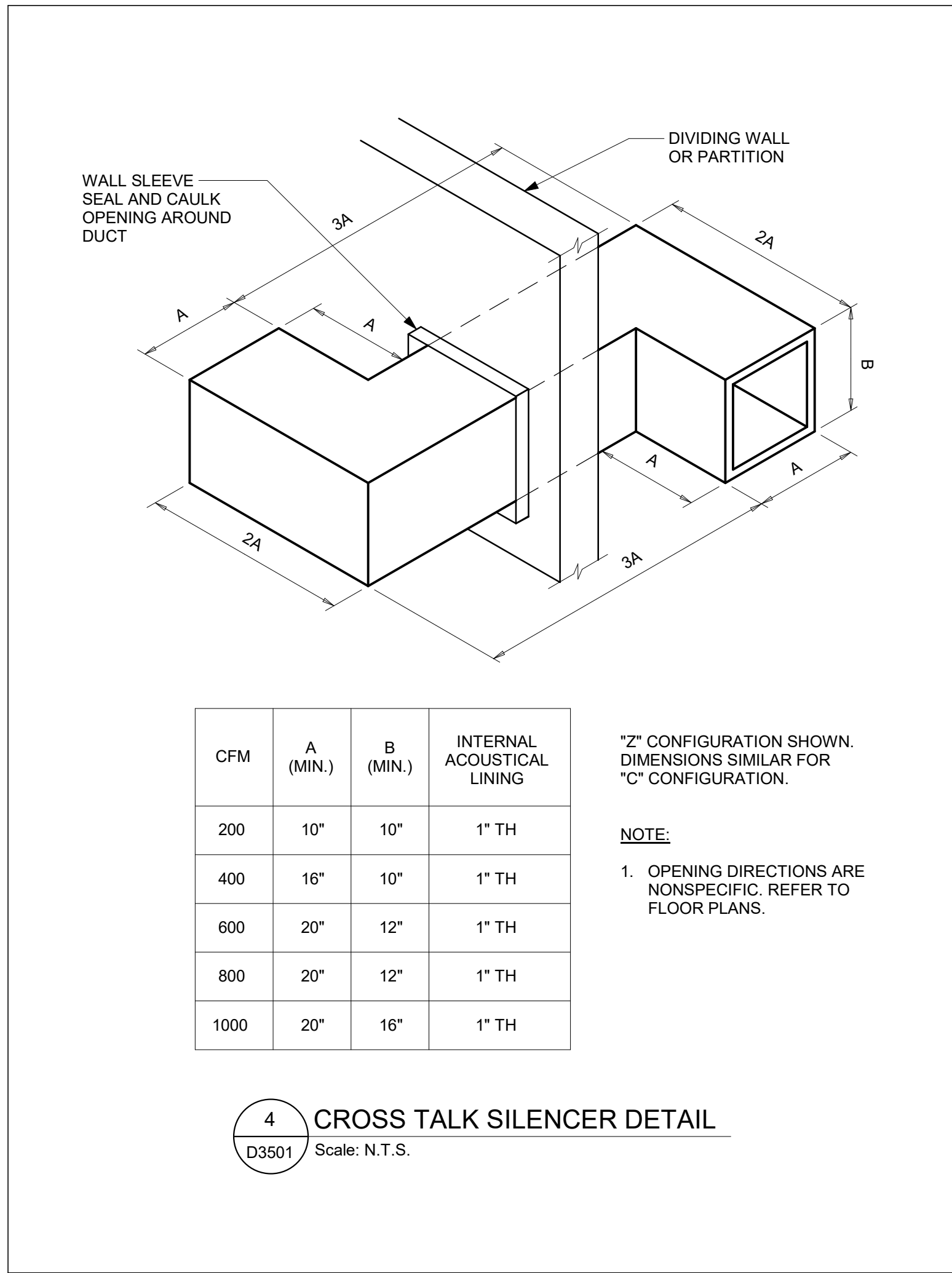
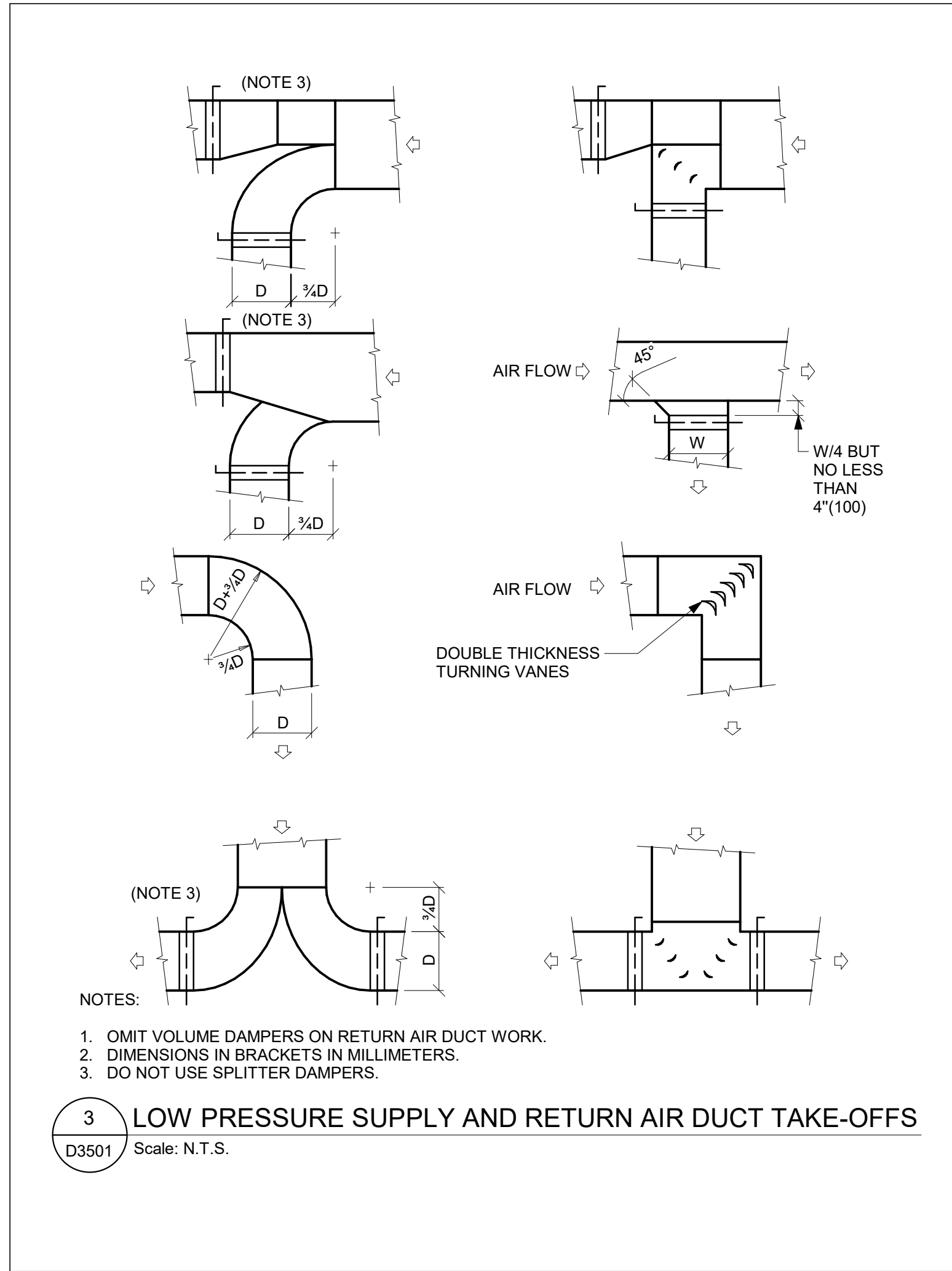
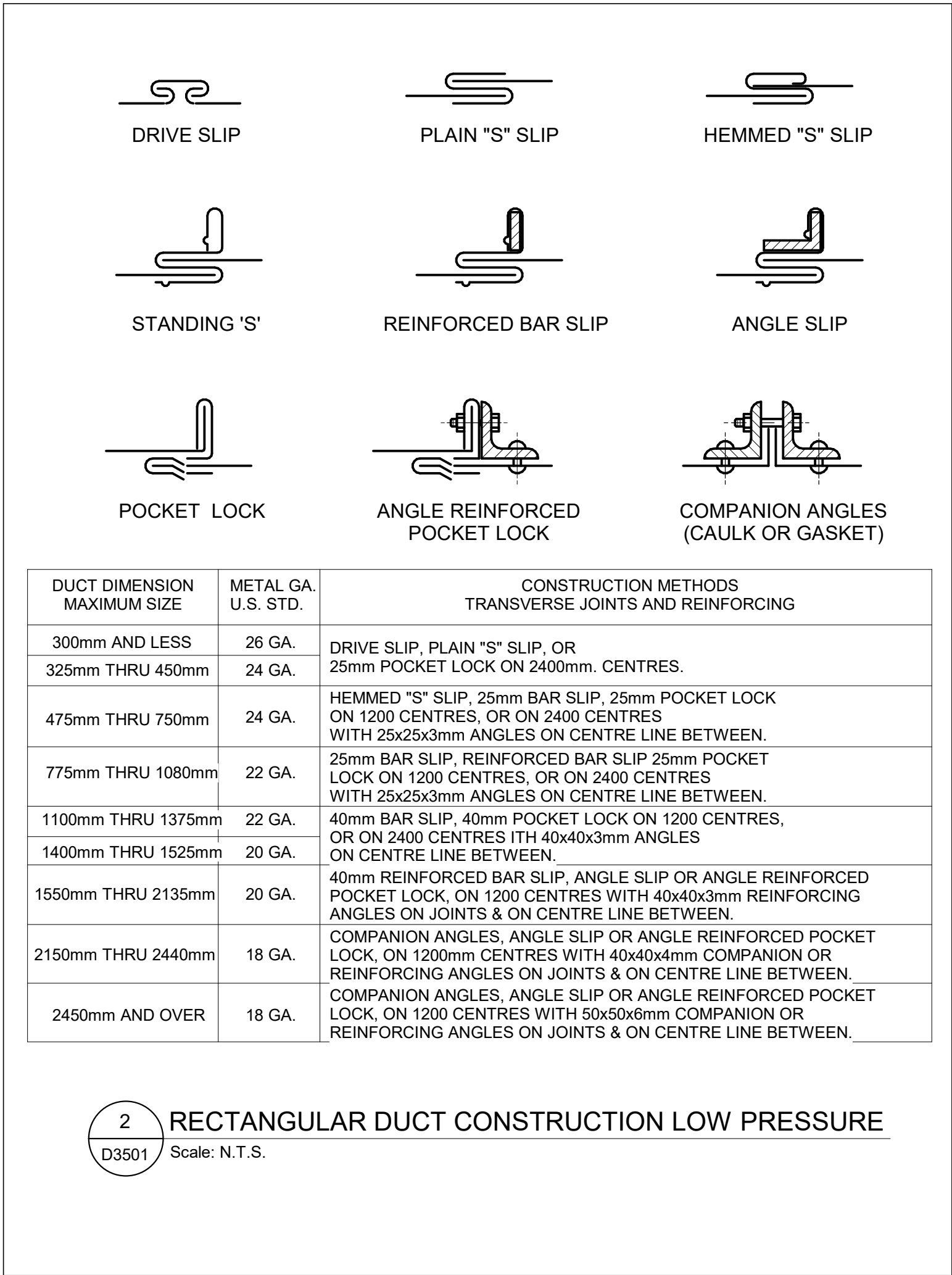
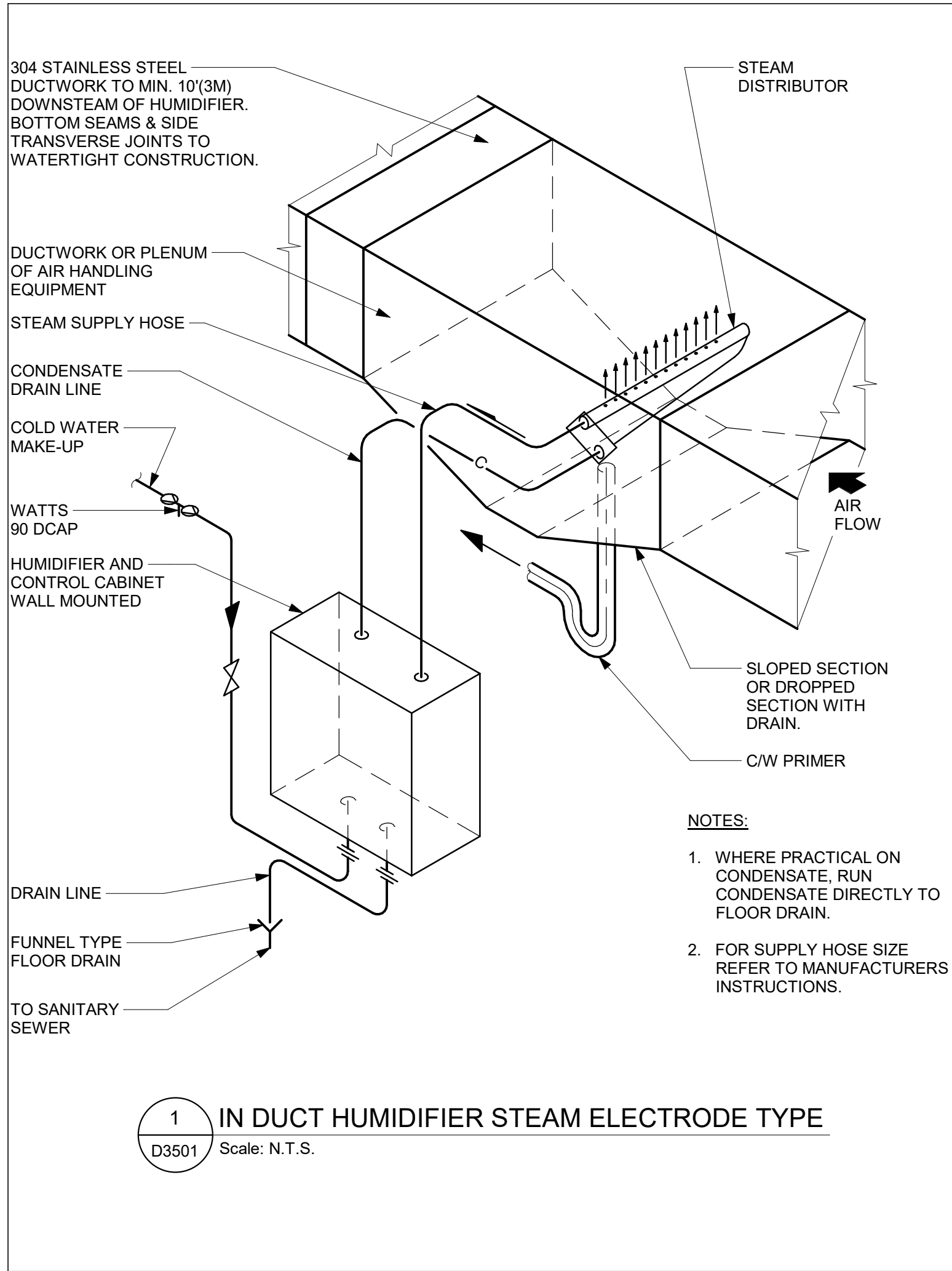
PROJECT TITLE
CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

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

SHEET TITLE
FIRE PROTECTION
DETAILS

SHEET NUMBER G05-GAL-D3401	ISSUE F
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CLIENT

CITY OF TORONTO

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

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PROJECT TITLE
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PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

DRAWN BY:
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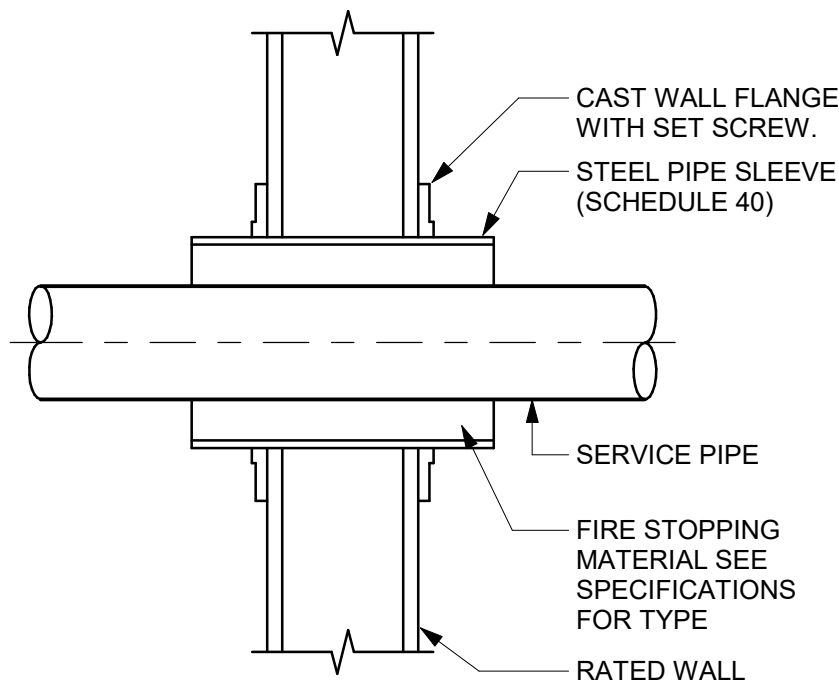
PROJECT MGR:
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APPROVED BY:
S. LIU

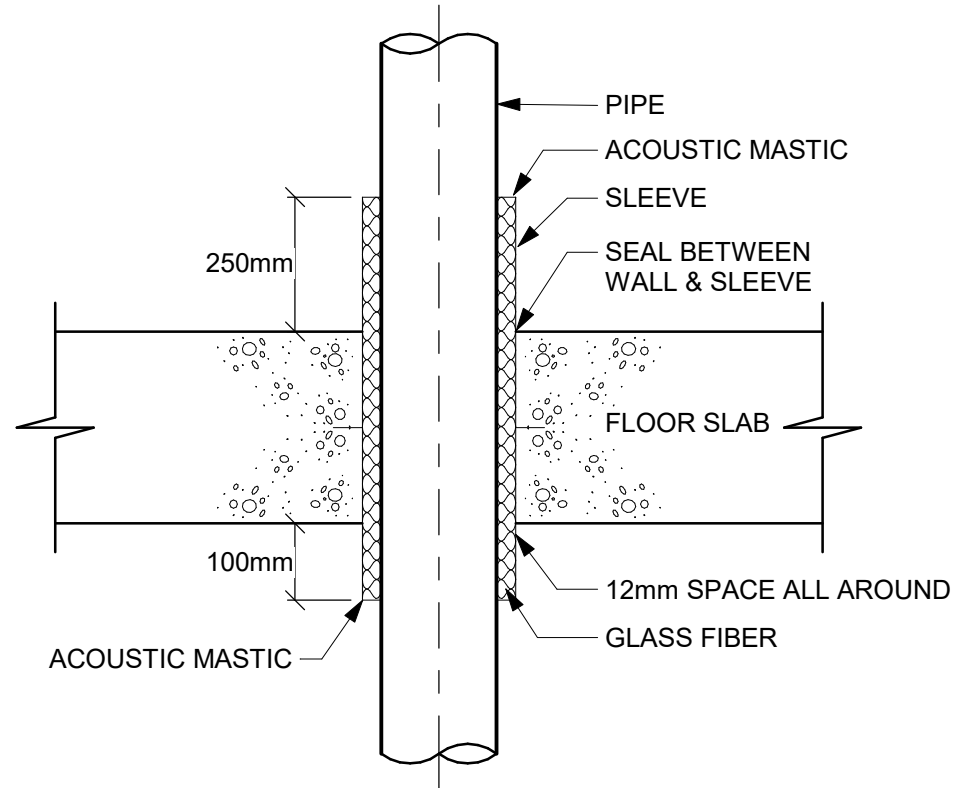
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HVAC DETAILS

SHEET NUMBER
G05-GAL-D3501

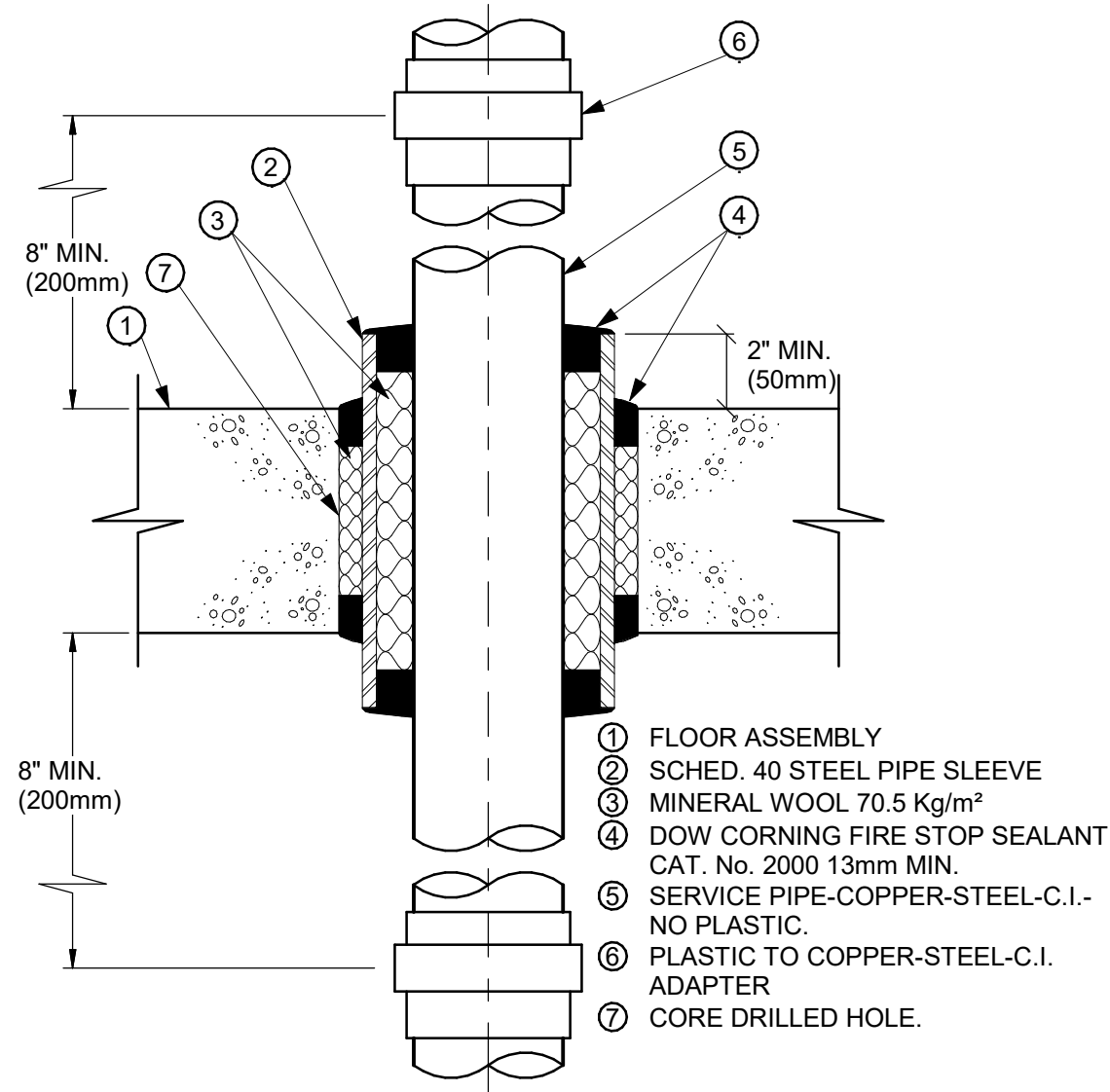
ISSUE
F



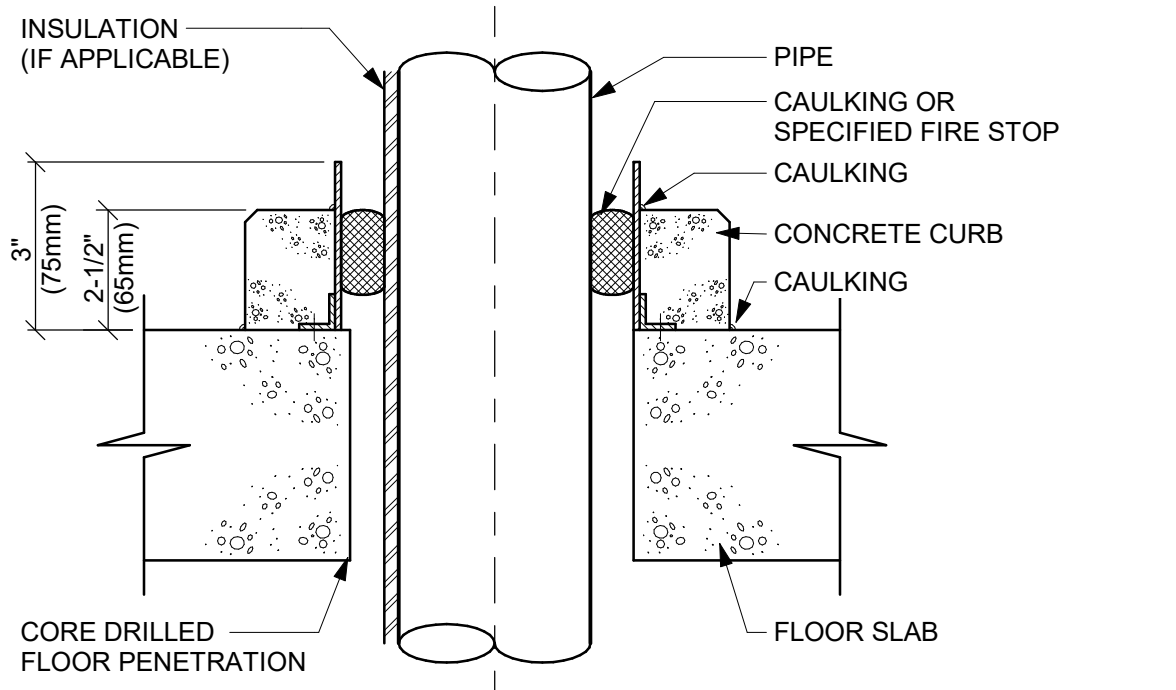
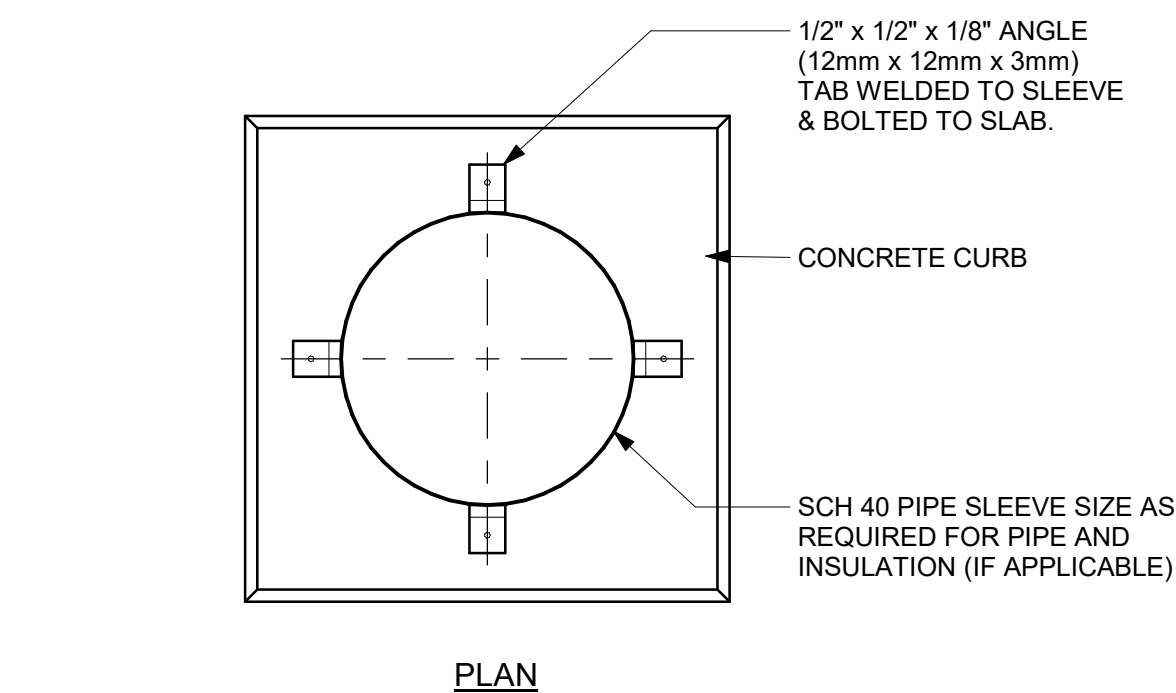
1 SLEEVE THROUGH RATED WALL
D3601 Scale: N.T.S.



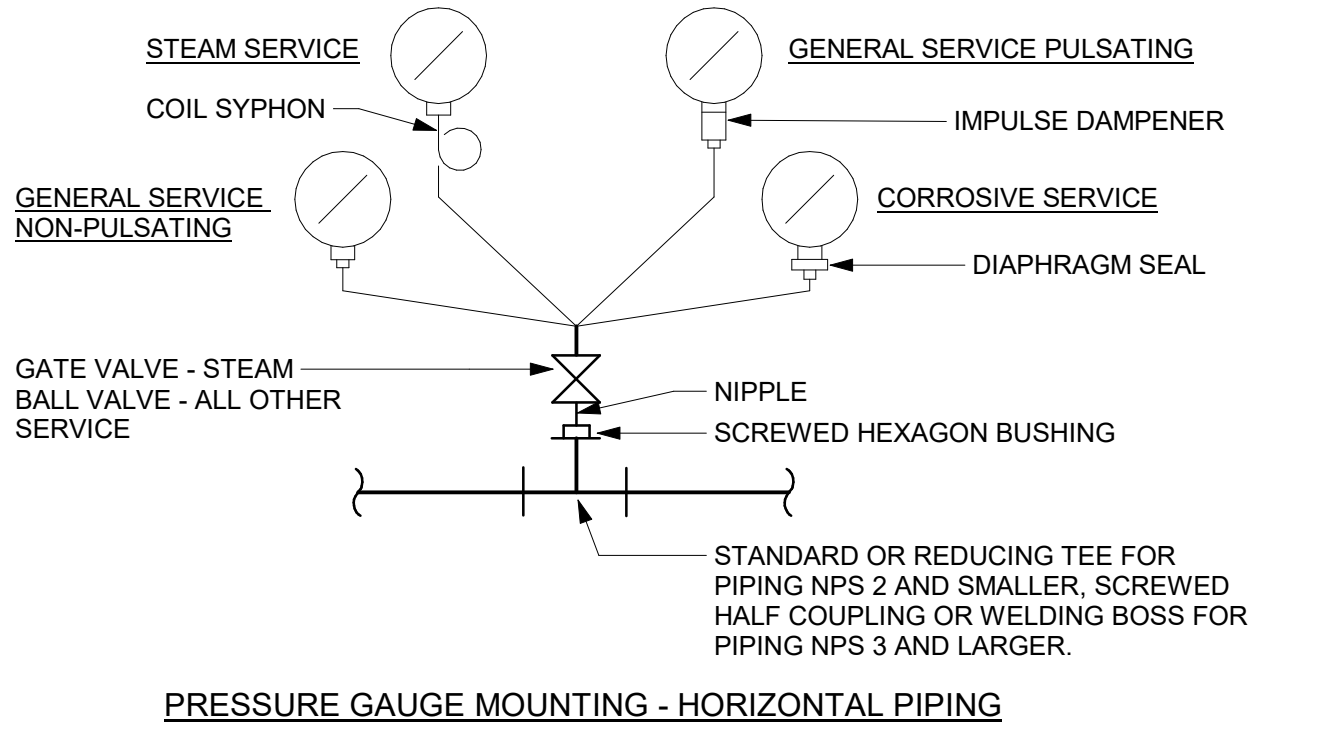
2 ACOUSTIC TREATMENT OF PIPE PENETRATION
OF MECHANICAL ROOM FLOOR SLAB
D3601 Scale: N.T.S.



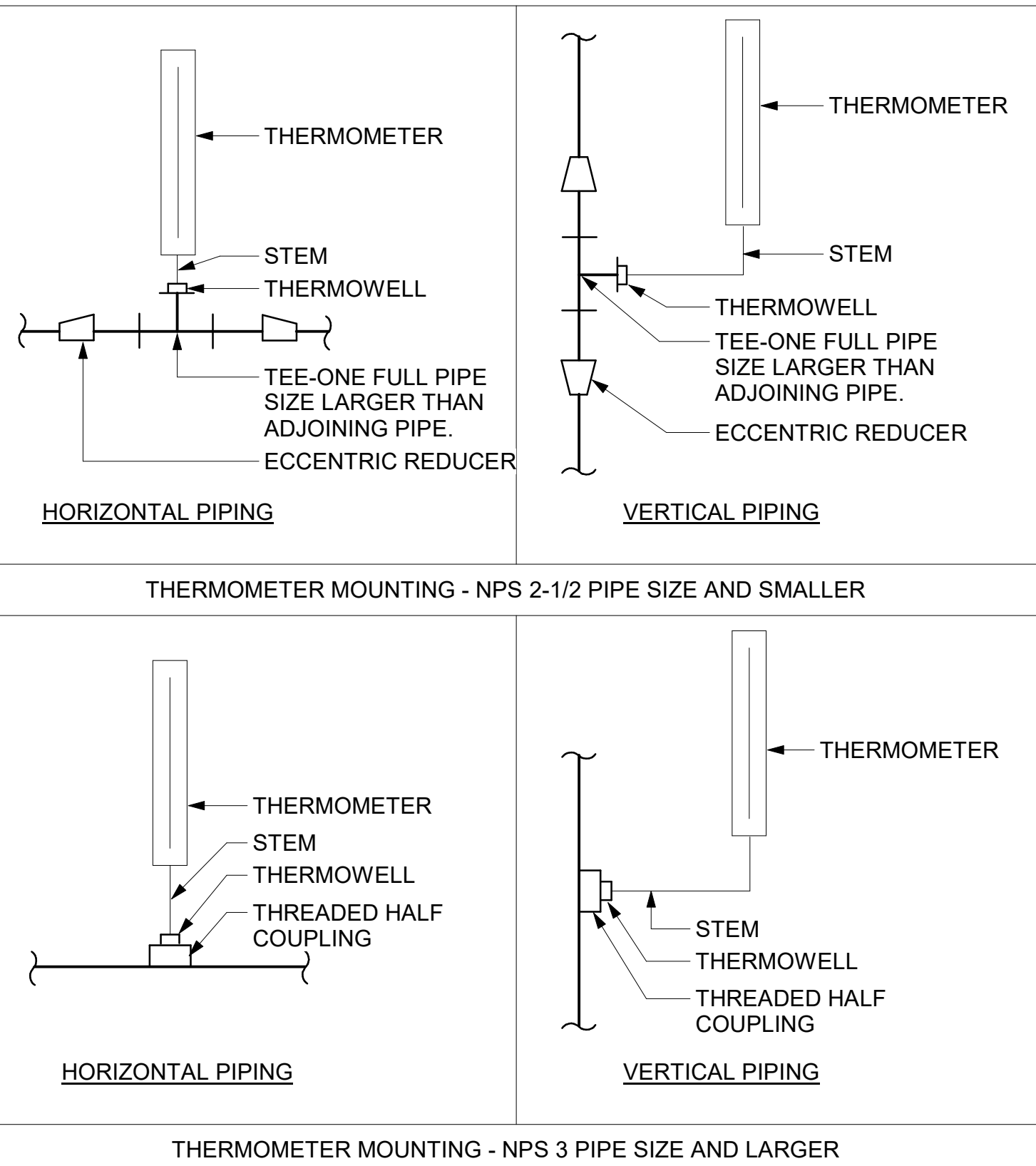
3 PIPE SLEEVE THROUGH FIRE RATED FLOOR SLAB
D3601 Scale: N.T.S.



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



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



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

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ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

DRAWN BY:
K. DURUKAN

CHECKED BY:
B. LIAO

PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
S. LIU

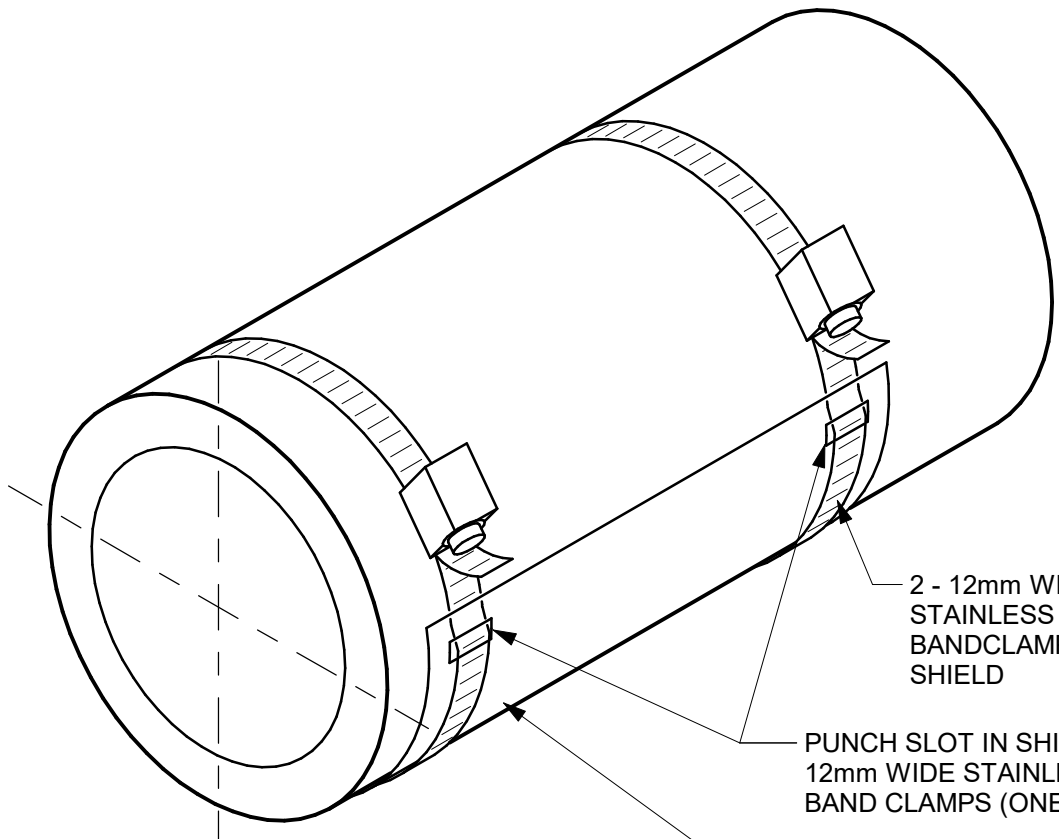
SHEET TITLE
**PIPING DETAILS
SHEET 1 OF 2**

SHEET NUMBER

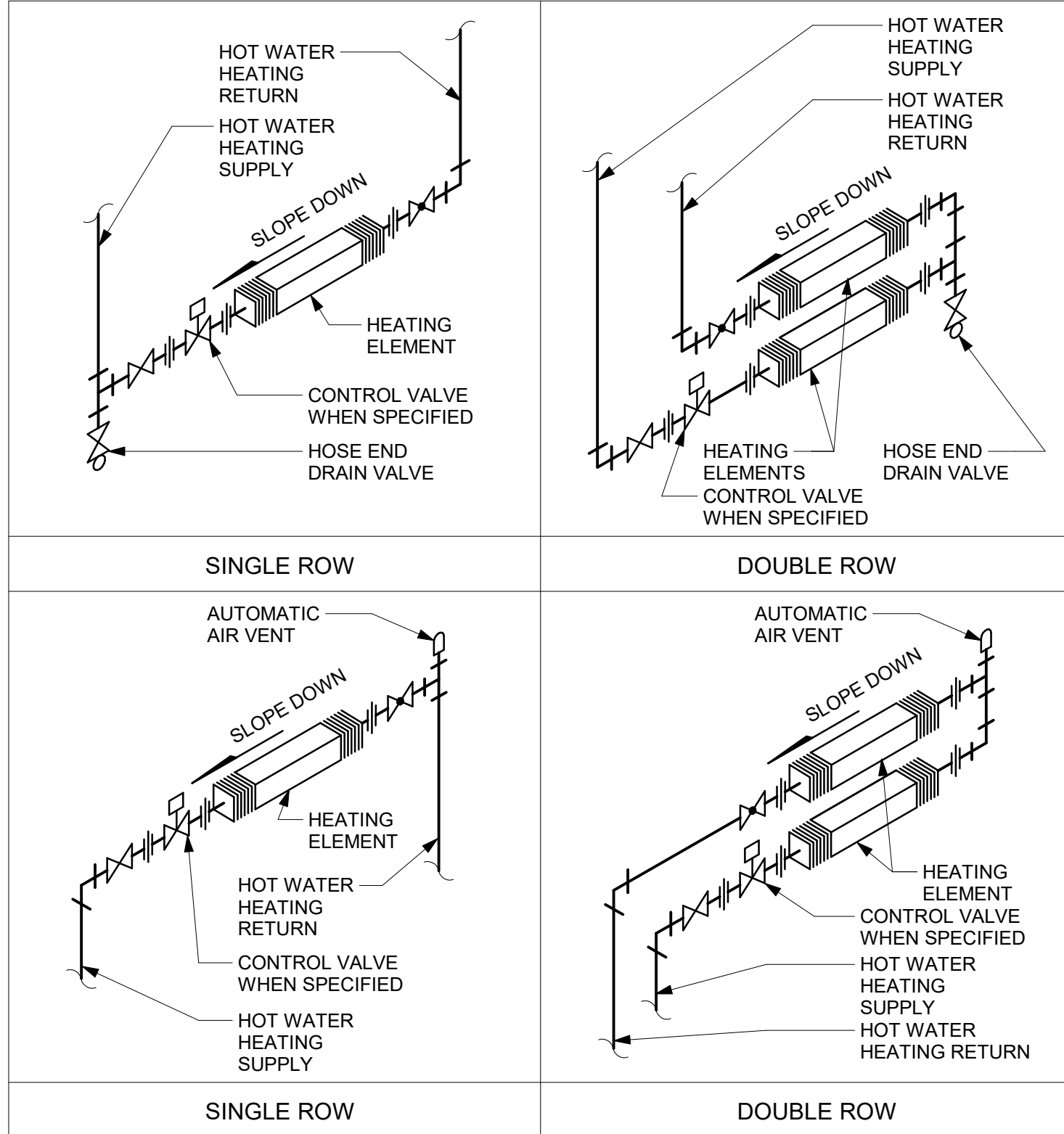
G05-GAL-D3601

ISSUE

F



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



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

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ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

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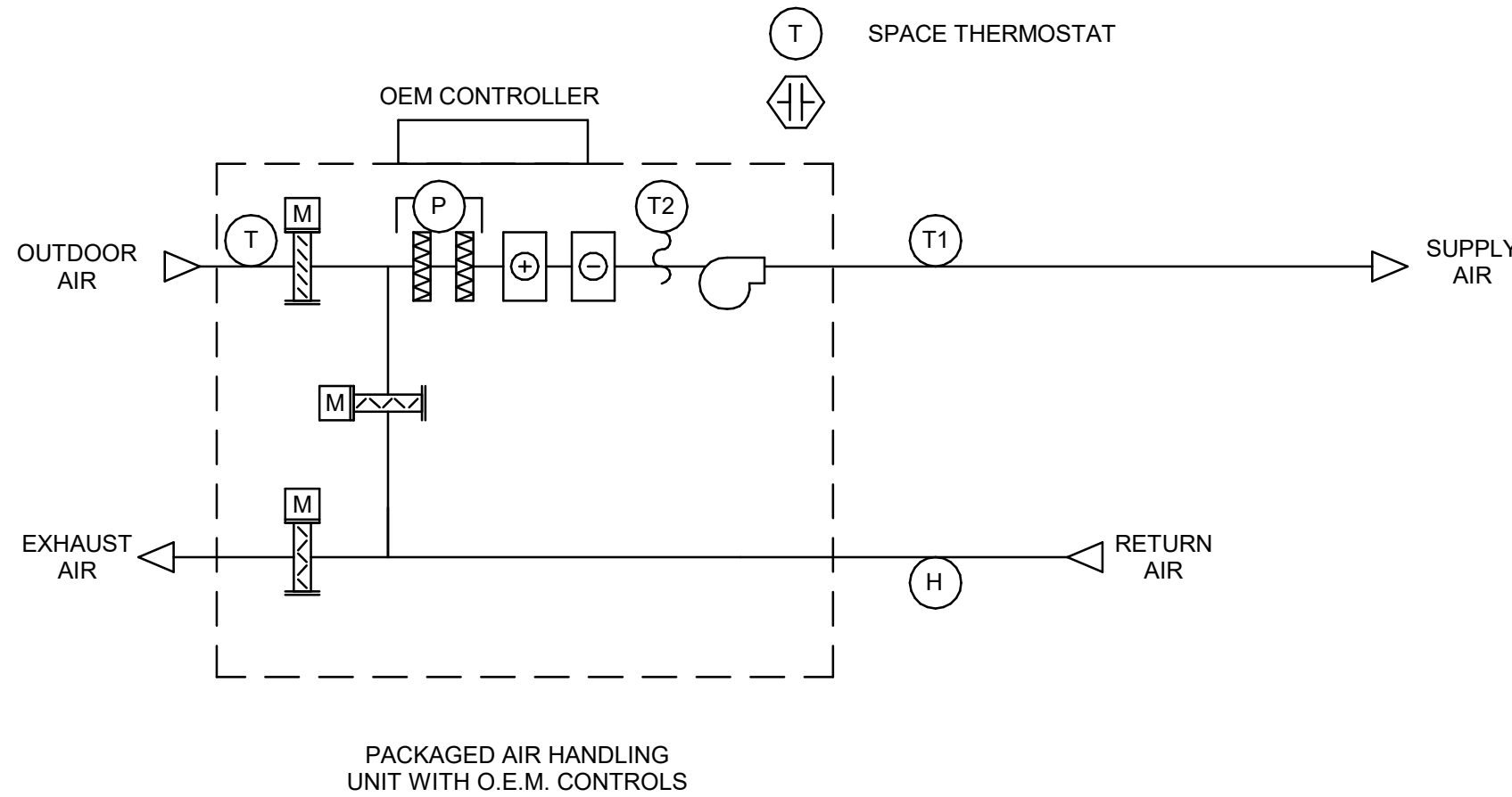
PROJECT MGR: F. BOLOURIAN	APPROVED BY: S. LIU
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SHEET TITLE
**PIPING DETAILS
SHEET 2 OF 2**

SHEET NUMBER G05-GAL-D3602	ISSUE F
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5 PACKAGED ROOFTOP HVAC SYSTEM CONTROL SEQUENCE - NO BAS CONTROL
D3701 Scale: N.T.S



SYSTEM START
AIR HANDLING UNIT START-UP ON TIME SCHEDULE

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

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

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

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

SYSTEM STOP
OPERATOR INITIATED OR BY OPERATING SCHEDULE.

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

SCHEDULE
TO BE DETERMINED DURING SYSTEM COMMISSIONING

FIRE ALARM
N/A

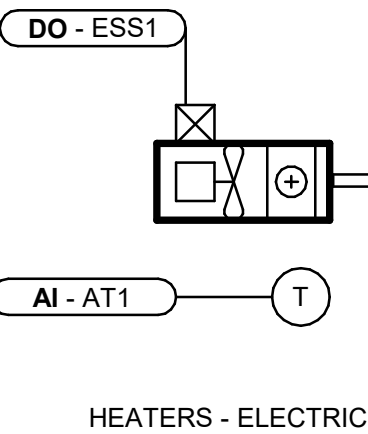
ALARMS
ALARM ON OEM CONTROLLER:

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

MONITOR
N/A

TREND LOGS
N/A

EMERGENCY POWER
NO



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

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

SYSTEM STOP
CONTINUOUS OPERATION

SCHEDULE
CONTINUOUS OPERATION

FIRE ALARM
N/A

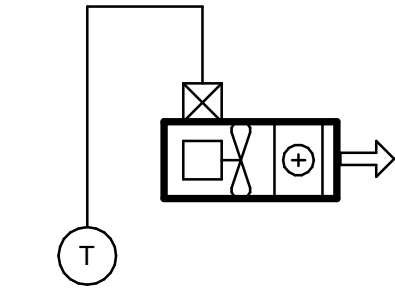
ALARMS
LOW SPACE TEMPERATURE (<10C)

MONITOR
SPACE TEMPERATURE

TREND LOGS
N/A

EMERGENCY POWER
NO

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



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

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

SYSTEM STOP
CONTINUOUS OPERATION

SCHEDULE
CONTINUOUS OPERATION

FIRE ALARM
N/A

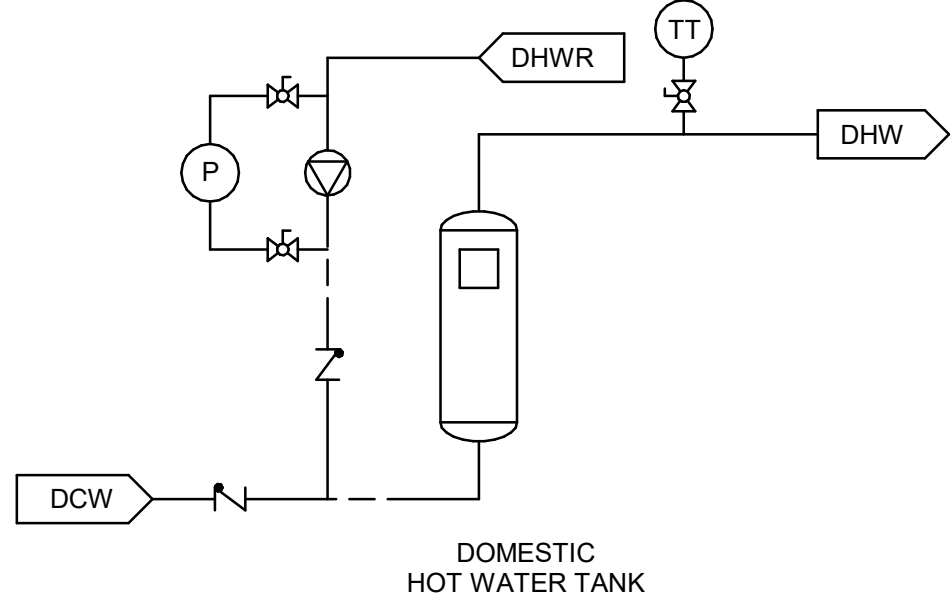
ALARMS
N/A

MONITOR
N/A

TREND LOGS
N/A

EMERGENCY POWER
NO

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



SYSTEM START
RECIRCULATION PUMP STARTS. ENABLE HOT WATER TANK

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

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

SYSTEM STOP
RECIRCULATION PUMP STOPS ONLY ON OPERATOR COMMAND

SCHEDULE
OPERATOR DEFINED

DEFAULT = CONTINUOUS OPERATION

FIRE ALARM
N/A

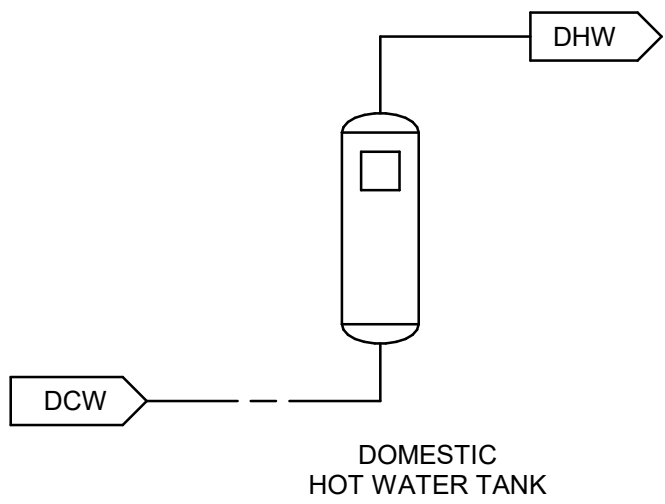
ALARMS
N/A

MONITOR
N/A

TREND LOGS
N/A

EMERGENCY POWER
NO

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



SYSTEM START
SYSTEM ENABLED ON OPERATOR COMMAND

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

SYSTEM STOP
SYSTEM DISABLED ON OPERATOR COMMAND

SCHEDULE
OPERATOR DEFINED

DEFAULT = CONTINUOUS OPERATION

FIRE ALARM
N/A

ALARMS
N/A

MONITOR
N/A

TREND LOGS
N/A

EMERGENCY POWER
NO

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

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	2025-04-11

CONSULTANTS

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PRIME CONSULTANT



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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

DRAWN BY:
N. KHOURY

CHECKED BY:
G. VERNESCU

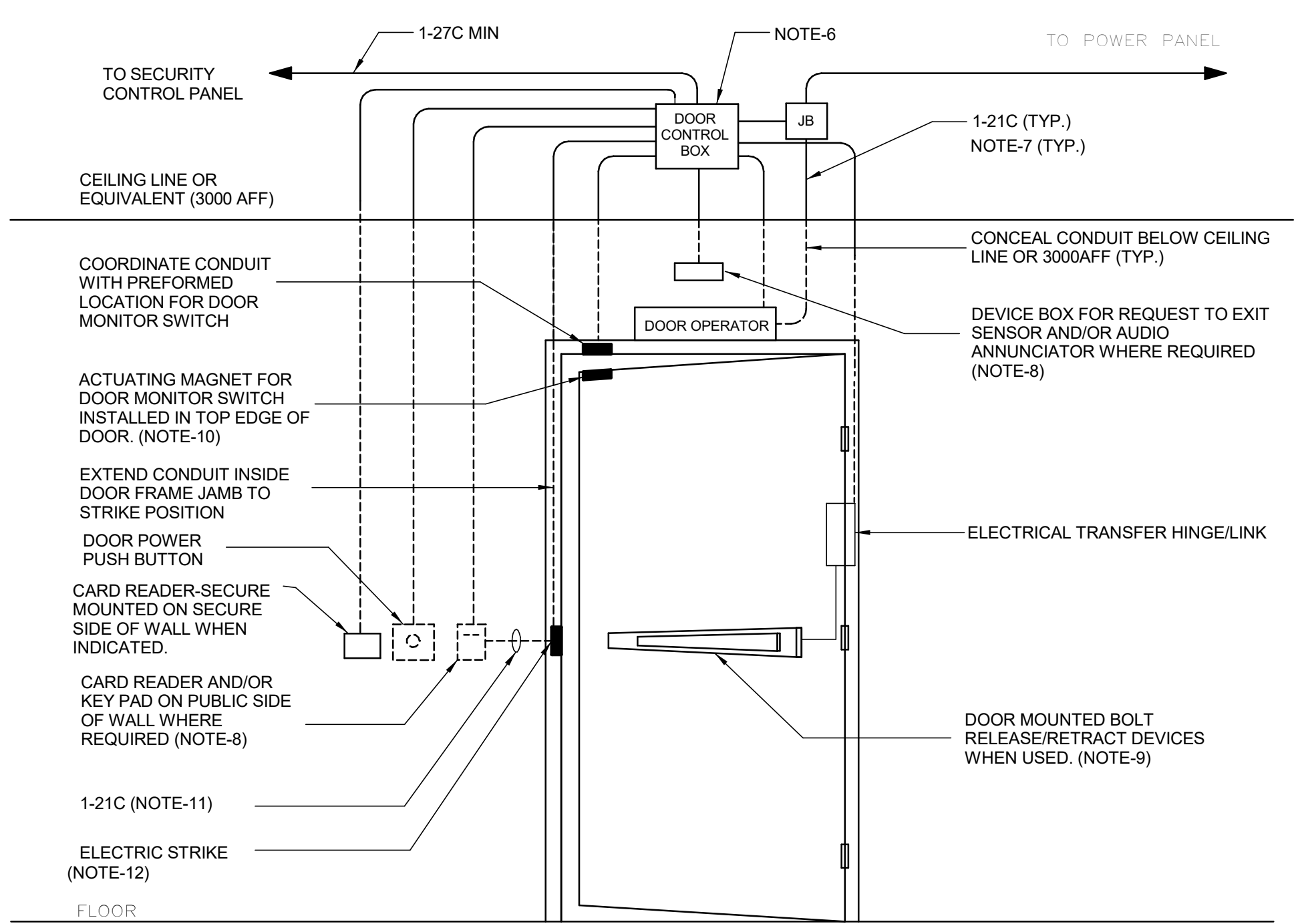
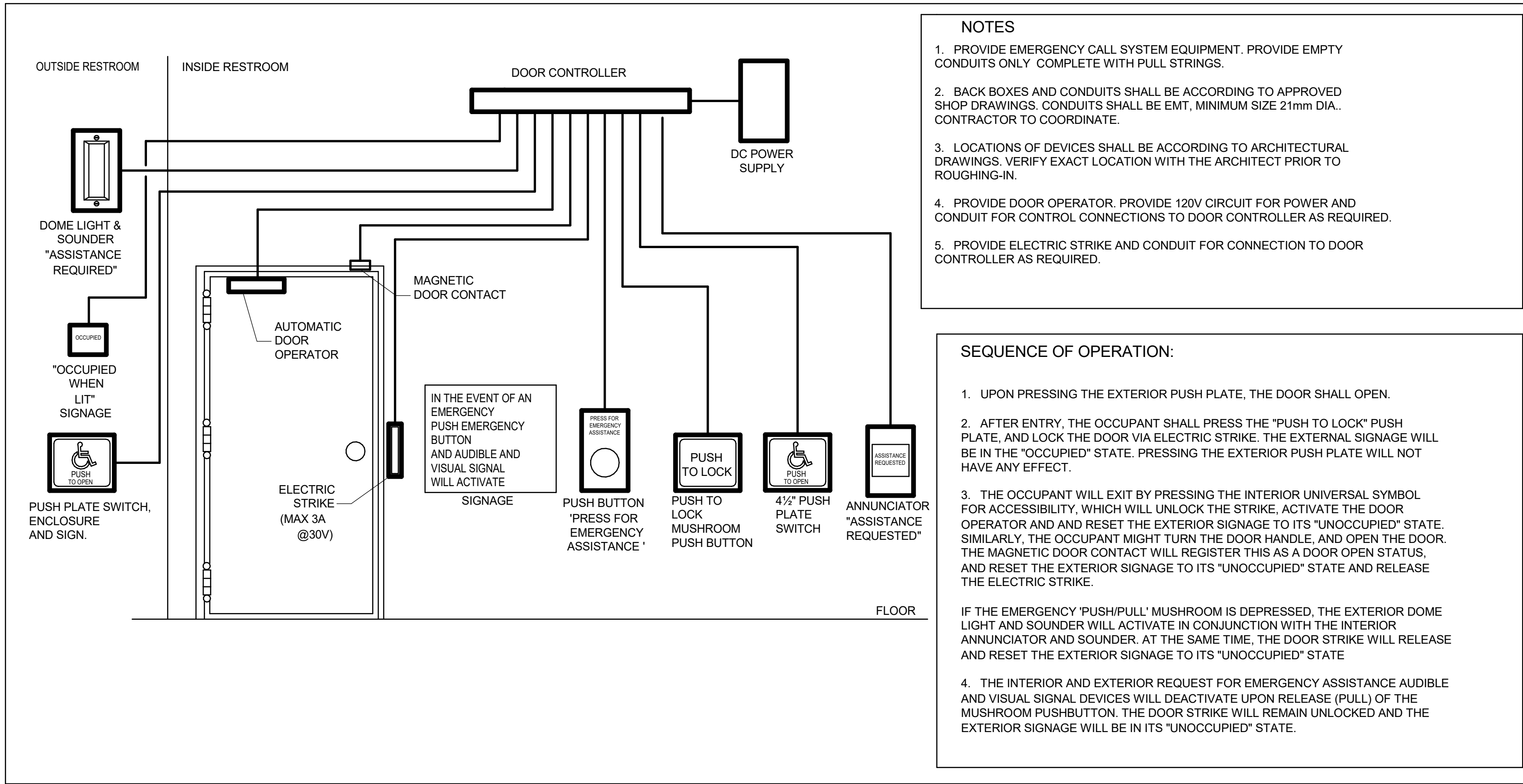
PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
S. LIU

SHEET TITLE
CONTROL DETAILS

SHEET NUMBER
G05-GAL-D3701

ISSUE
E



1 UNIVERSAL WASHROOM DETAIL
D4001 Scale: NTS

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

CLIENT

CITY OF TORONTO

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Project Management Office
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Arcadis Professional Services (Canada) Inc.

ISSUES

No.	DESCRIPTION	DATE
A	50% SUBMISSION	2022-04-27
B	90% SUBMISSION	2022-07-29
C	ISSUED FOR PERMIT	2022-07-29
D	ISSUED FOR TENDER	2025-04-11

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Toronto, ON M9W 0C9, Canada
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PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

DRAWN BY:
V. MAC

CHECKED BY:
M. BOJIC

PROJECT MGR:
N. FRISCI

APPROVED BY:
P. WILLIAMS

SHEET TITLE

ELECTRICAL DETAILS 1

SHEET NUMBER

D4001

ISSUE

D

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

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

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Project Management Office
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M5V 3C6

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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

SEAL

PROJECT TITLE
CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

DRAWN BY: V. MAC	CHECKED BY M. BOJIC
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PROJECT MGR: F. BOLOURIAN	APPROVED BY: P. WILLIAMS
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SHEET TITLE
ELECTRICAL GENERAL
NOTES

SHEET NUMBER
G05-G4003

ISSUE

CITY OF TORONTO

ACCESSIBILITY UPGRADES

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



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TOUCH AND FEEL

INTERIOR FIXTURES AND MATERIALS

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

Project Number: 9119- 19- 0162 / Arcadis 30279056

Date: 2025-04-11

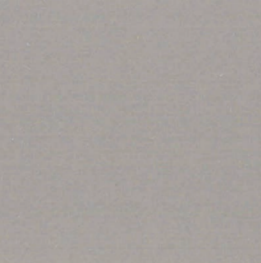
WASHROOM FINISHES	
WASHROOM / SHOWER WALLS	COLLECTION: COLOUR & DIMENSION
CWT-1	COLOUR: ARCTIC WHITE MATTE
	SIZE: 100mm X 400mm (4"X16")
	SUPPLIER: OLYMPIA
WASHROOM / SHOWER WALL ACCENT	MATCH EXISTING
CWT-2	TILE SIZE IS INDICATED ON ROOM FINISH SCHEDULE
WASHROOM / SHOWER WALL ACCENT	COLLECTION: COLOUR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

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

FOR WASHROOMS WHERE ALL FIXTURES AND WALLS ARE BEING REMOVED ONLY



CWT-1



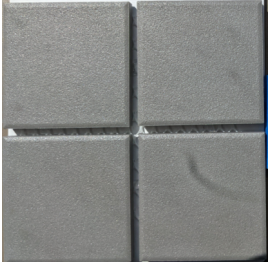
CWT-3



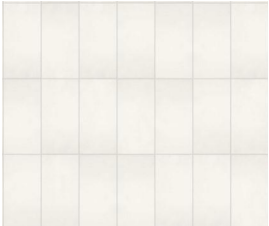
CWT-4



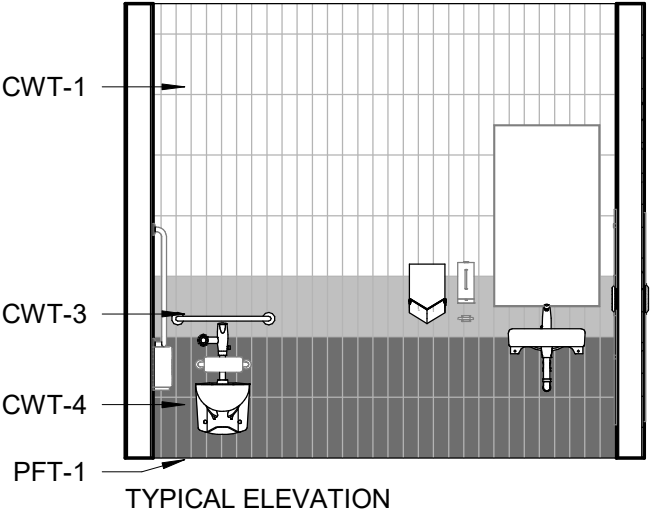
PFT-1



PFT-2



PFT-4



PICTURE 1



PICTURE 2

NOTE: PICTURES ARE ONLY FOR ILLUSTRATION PURPOSES



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DRAWING TITLE:

WASHROOM


















Project No: 9119- 19- 0162 / Arcadis 30279056

Date: 2025-04-11

Issue: ISSUED FOR TENDER

NO.

T01

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



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



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



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



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



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



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DRAWING TITLE:

WASHROOM ACCESSORIES

Project No: 9119- 19- 0162 / Arcadis 30279056

Date: 2025-04-11

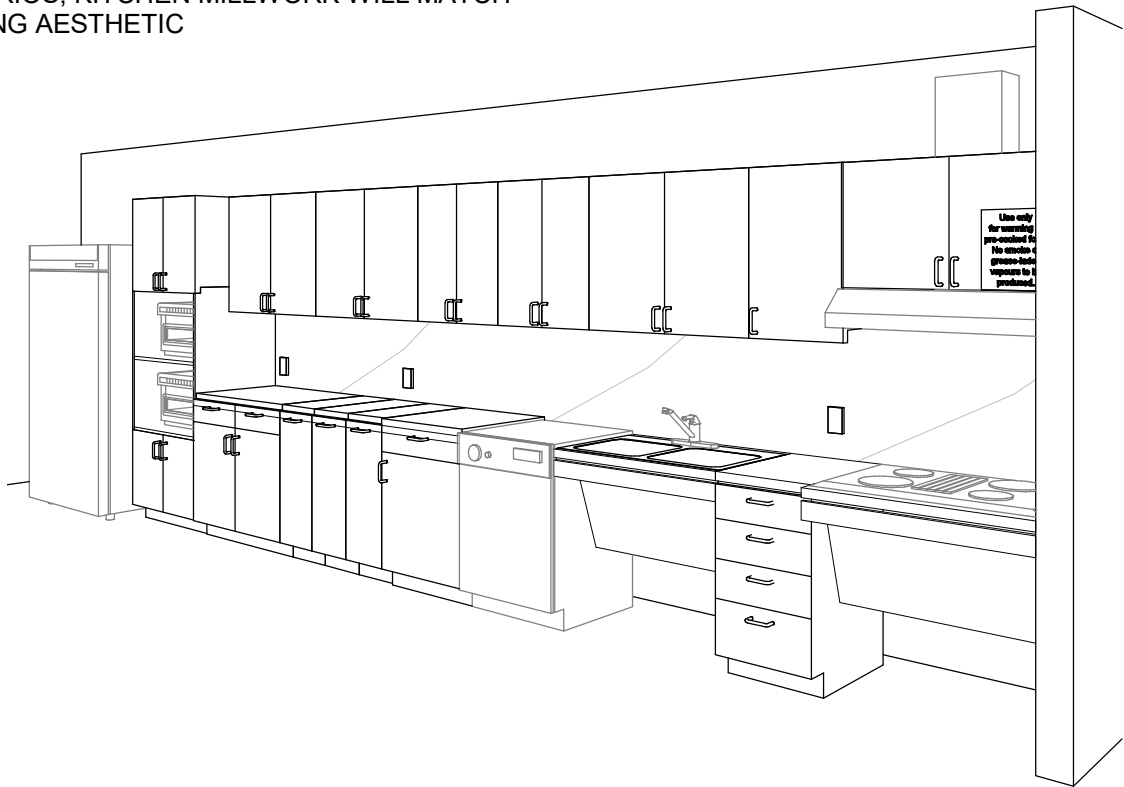
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NO.

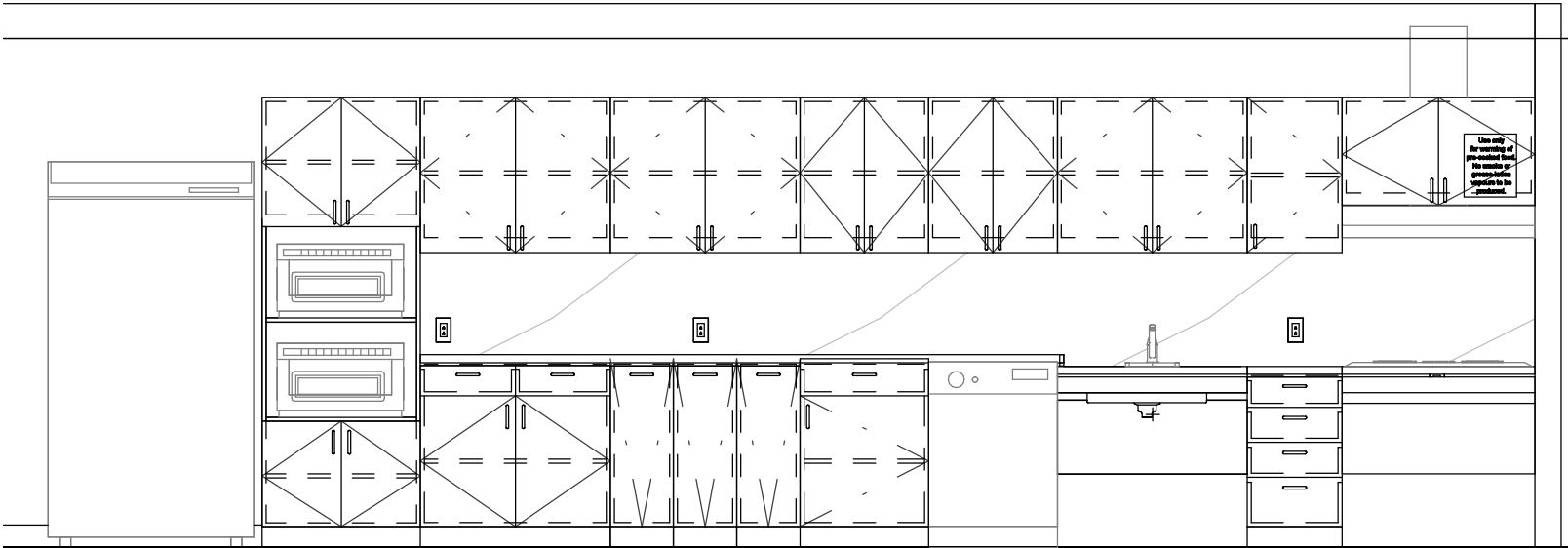
T02.1

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

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

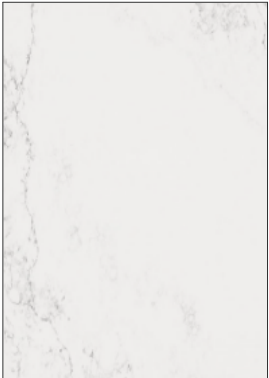


PERSPECTIVE: N.T.S



ELEVATION: N.T.S

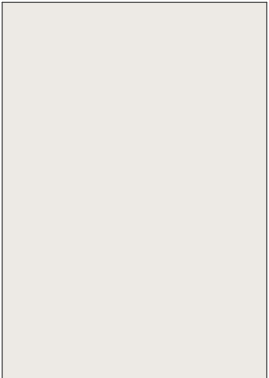
PERSPECTIVE & ELEVATION VIEWS ARE REPRESENTATIVE ONLY - REFER TO BUILDING-SPECIFIC DRAWINGS



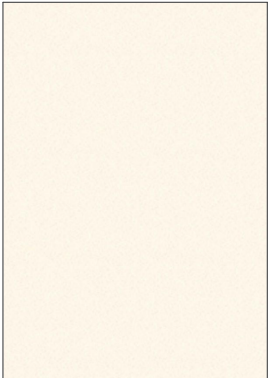
COUNTERTOP AND BACKSPLASH: Q-1
CAESARSTONE - QUARTZ
SUPERNATURAL COLLECTION
1111 VIVID WHITE



CABINETS: PLAM-1
PLASTIC LAMINATE
WILSONART NORTH
SEA D90



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



UPPER CABINETS: PLAM-2
PLASTIC LAMINATE
WILSONART
ALABASTER D431



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



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



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



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



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DRAWING TITLE:

KITCHEN MATERIALS AND FIXTURES

Project No: 9119- 19- 0162 / Arcadis 30279056

Date: 2025-04-11

Issue: ISSUED FOR TENDER

NO.

T04

RESERVED

RESERVED

RESERVED



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DRAWING TITLE:

RESERVED

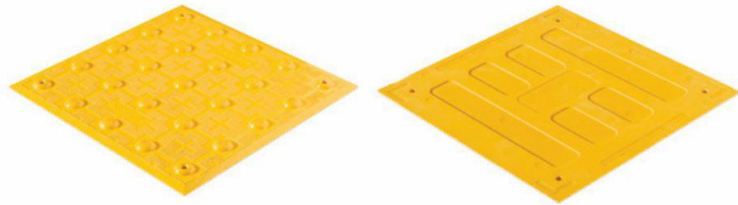
Project No: 9119- 19- 0162 / Arcadis 30279056

Date: 2025-04-11

Issue: ISSUED FOR TENDER

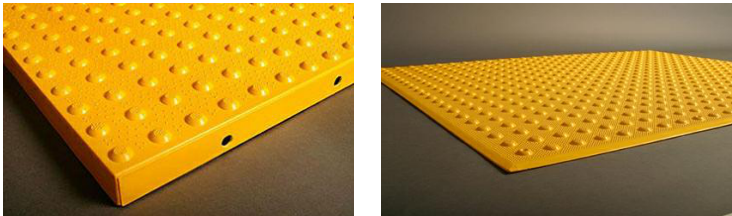
NO.

T05



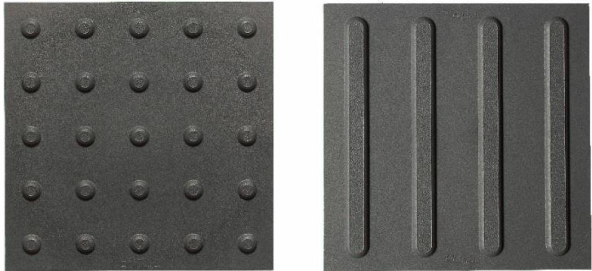
TA - 1a (SURFACE MOUNTED) INTERIOR AND EXTERIOR
TA - 1b (CAST IN PLACE) EXTERIOR
TA - 1c (SURFACE MOUNTED FIRE RATED) INTERIOR

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



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

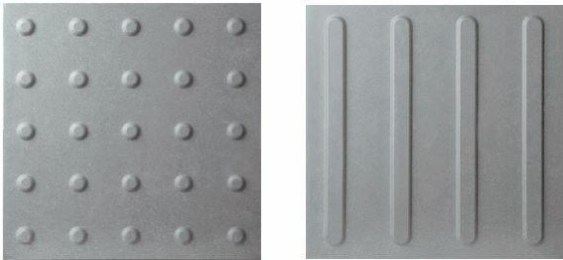
- ENGINEERED POLYMER COMPOSITE TACTILE INDICATORS
- EXTERIOR APPLICATIONS
 - FOR NEWLY CONSTRUCTED CURBS RAMPS, STAIRS, RAMPS, OR PLATFORM EDGES



TRUNCATED DOMES WAYFINDING BARS

TA - 3

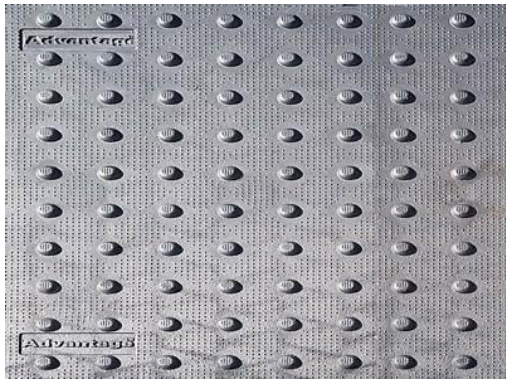
- RESILIENT POLYMER TACTILE INDICATORS
- INTERIOR OR EXTERIOR APPLICATIONS
 - TRUNCATED DOME OR WAYFINDING BAR VARIANTS.
 - FOR SKATE RINK EDGES OR USE WITH VCT FLOORING



TRUNCATED DOMES WAYFINDING BARS

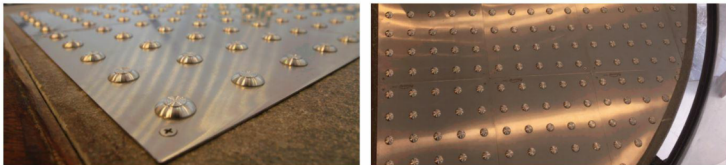
TA - 4

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



TA - 5

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



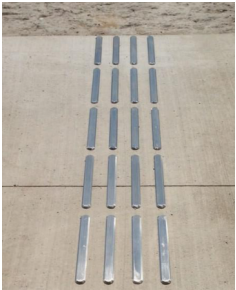
TA - 6

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



TA - 7

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



TA - 8

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



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DRAWING TITLE:

TACTILE ATTENTION INDICATORS

Project No: 9119- 19- 0162 / Arcadis 30279056

Date: 2025-04-11

Issue: ISSUED FOR TENDER

NO.

T06



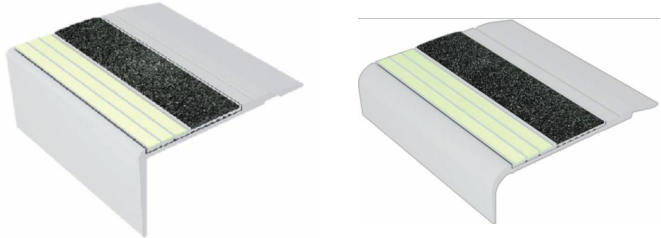
TA - 11 INTERIOR AND EXTERIOR TEXTURAL WARNING STRIP

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



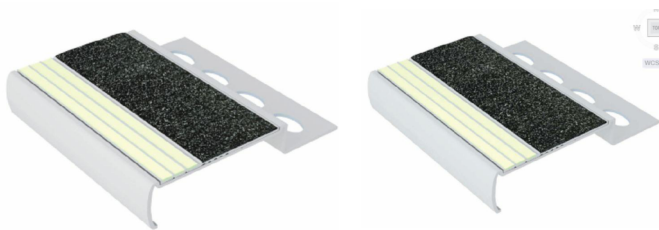
TA - 12 EXTERIOR CAST IN PLACE CONTRAST AND TEXTURAL WARNING STRIP

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



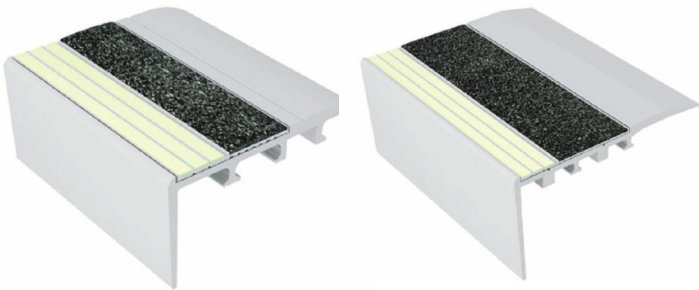
TA - 16 INTERIOR AND EXTERIOR USE (ON EXISTING) ON SMOOTH SURFACES STAIR NOSING FOR: TILE, CONC, WOOD, CARPET, VINYL.

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



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

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



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

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



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

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



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

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



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

Project No: 9119- 19- 0162 / Arcadis 30279056

Date: 2025-04-11

Issue: ISSUED FOR TENDER

NO.

T07

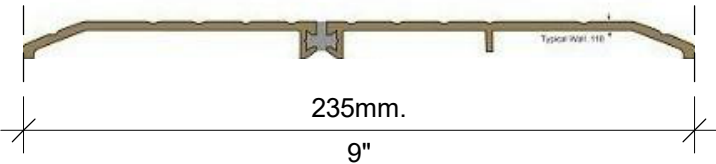
TH-1a

SMOOTH 6" WIDE THRESHOLD WITH ANTI-SLIP COATING



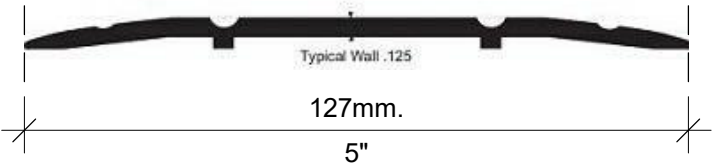
TH-2a

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



TH-3a

METAL THRESHOLD
ANY EXISTING FLOORING MATERIAL TO ANY EXISTING FLOORING MATERIAL



TH-4a

ANODIZED ALUMINUM TRANSITION STRIP BETWEEN NEW AND EXISTING FLOOR



TH-5a

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



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9119-19- 0162 /Arcadis 30279056

FINCH YARD - BLDG A
1026 FINCH AVE W

GROUP 05
SEQ 10



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	2023-04-11

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ACCESSIBILITY UPGRADES
PROGRAM GROUP 05

NOT FOR CONSTRUCTION

ISSUED FOR TENDER

GENERAL DRAWING INDEX	
SHEET NUMBER	SHEET NAME
G0001	COVER SHEET
G0002	DRAWING LIST AND BUILDING CODE MATRIX

ARCHITECTURAL DRAWING INDEX PART 1	
SHEET NUMBER	SHEET NAME
A0201	FIRST FLOOR FIRE SEPARATION PLAN
A0202	SECOND FLOOR FIRE SEPARATION PLAN
A1201	EXISTING SITE PLAN
A1202	SITE PLAN PROPOSED
A1301	ENLARGED SITE PLAN
A1302	ENLARGED STAIR PLANS AND ELEVATIONS
A2011	FIRST FLOOR OVERALL DEMOLITION PLAN
A2012	FIRST FLOOR DEMOLITION PLAN - WEST
A2013	FIRST FLOOR DEMOLITION PLAN - EAST
A2014	FIRST FLOOR TRENCHING PLANS
A2021	SECOND FLOOR OVERALL DEMOLITION PLAN
A2111	FIRST FLOOR STAGING PLAN
A2121	SECOND FLOOR STAGING PLAN
A2411	FIRST FLOOR OVERALL PROPOSED PLAN
A2412	FIRST FLOOR PROPOSED PLAN - WEST
A2413	FIRST FLOOR PROPOSED PLAN - EAST
A2421	SECOND FLOOR OVERALL PROPOSED PLAN
A2422	SECOND FLOOR PROPOSED ENLARGED PLANS

ARCHITECTURAL DRAWING INDEX PART 2	
A2611	FIRST FLOOR FINISH PLAN - WEST
A2612	FIRST FLOOR FINISH PLAN - EAST
A2613	SECOND FLOOR FINISH PLAN - WEST
A2711	TORONTO WATER OFFICE RECEPTION DESK - DEMOLITION ELEVATION
A2712	FURNITURE PLAN -TORONTO WATER OFFICE RECEPTION DESK
A2713	FURNITURE PLAN - FLEET OFFICE RECEPTION DESK
A2811	FIRST FLOOR REFLECTED CEILING PLAN - WEST
A5011	UNIVERSAL WASHROOM PLANS/ELEVATIONS
A5012	BARRIER FREE WASHROOM 123& OPEN OFFICE 139 KITCHENETTE PLANS/ELEVATIONS
A5013	WOMEN'S WASHROOM & CHANGE ROOM PLANS/ELEVATIONS
A5014	MEN'S CHANGE ROOM PLANS/ELEVATIONS
A5111	FIRST FLOOR EAST - NORTH ENTRANCE
A5211	STAIR ELEVATIONS AND PLANS
A5212	STAIR ELEVATIONS AND PLANS
A5213	STAIR ELEVATIONS AND PLANS
A5214	STAIR ELEVATIONS AND PLANS
A5215	INTERIOR RAMP ELEVATION & PLAN
A5216	INTERIOR ELEVATIONS
A5217	INTERIOR SECTIONS
A7111	FIRST FLOOR PROPOSED KITCHENETTES
A8010	SIGNAGE & WAYFINDING DETAILS LEVEL 1E LOCATION PLAN
A8011	SIGNAGE & WAYFINDING DETAILS LEVEL 1W LOCATION PLAN
A8020	SIGNAGE & WAYFINDING DETAILS LEVEL 2 LOCATION PLAN
A8100	SIGNAGE & WAYFINDING DETAILS MESSAGE SCHEDULE
A8101	SIGNAGE & WAYFINDING DETAILS MESSAGE SCHEDULE
A8102	SIGNAGE & WAYFINDING DETAILS MESSAGE SCHEDULE
A9001	DOOR AND ROOM FINISH SCHEDULE

STRUCTURAL DRAWING INDEX	
SHEET NUMBER	SHEET NAME
S0001	DRAWING LIST
S1201	SITE PLAN
S2501	PLAN - GROUND FLOOR
S2502	PLAN - SECOND FLOOR
S2503	TRENCH DETAILS IN EXISTING SLAB
S5200	PLANS, SECTION - STAIRS
S5201	PLANS, SECTION - STAIRS
S5202	PLANS, SECTION - STAIRS
S5203	STAIRS - PLAN, SECTION
S5400	PLANS, SECTION - ESCALATORS
S5601	INTERIOR RAMP, STAIRS - PLAN, SECTION
S5602	INTERIOR RAMP, STAIRS - DETAILS
S5603	Unnamed
S5700	PLANS, SECTION - SOG
S6000	PLANS, SECTION - DEMOLUTIONS
S6200	PLANS, SECTION - STAIRS
S6300	PLANS, SECTION - ELEVATORS
S6400	PLANS, SECTION - ESCALATORS
S6900	PLANS, SECTION - MISC

MECHANICAL DRAWING INDEX	
SHEET NUMBER	SHEET NAME
M0001	MECHANICAL DRAWING LIST
M0201	EQUIPMENT SCHEDULE
M1101	DEMOLITION PLAN - GROUND FLOOR
M1102	DEMOLITION PLAN - SECOND FLOOR
M1301	DEMOLITION - GROUND FLOOR WEST ENLARGED PLAN
M1302	DEMOLITION - GROUND FLOOR EAST ENLARGED PLAN
M1303	DEMOLITION - SECOND FLOOR WEST ENLARGED PLAN
M2101	PLUMBING - GROUND FLOOR WEST
M2102	PLUMBING - GROUND FLOOR EAST
M3101	DRAINAGE - GROUND FLOOR WEST
M3102	DRAINAGE - GROUND FLOOR EAST
M4101	FIRE PROTECTION - GROUND FLOOR WEST
M5101	HVAC - GROUND FLOOR WEST
M5102	HVAC - SECOND FLOOR WEST

ELECTRICAL DRAWING INDEX	
SHEET NUMBER	SHEET NAME
E0000	DRAWING LIST
E1100	ELECTRICAL DEMOLITION PLAN
E2100	POWER & SYSTEMS PLAN KEY PLAN
E2101	POWER & SYSTEMS PLAN 1ST FLOOR PART 1
E2102	POWER & SYSTEMS PLAN 1ST FLOOR PART 2
E4001	COMMUNICATIONS RISER DIAGRAM

CLIENT

CITY OF TORONTO



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

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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

CONSULTANTS

SEAL

PRIME CONSULTANT



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Toronto, ON M9W 0C9, Canada
tel 416-679-1030
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PROJECT TITLE
CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS
FINCH YARD - BLDG A
1026 FINCH AVE W

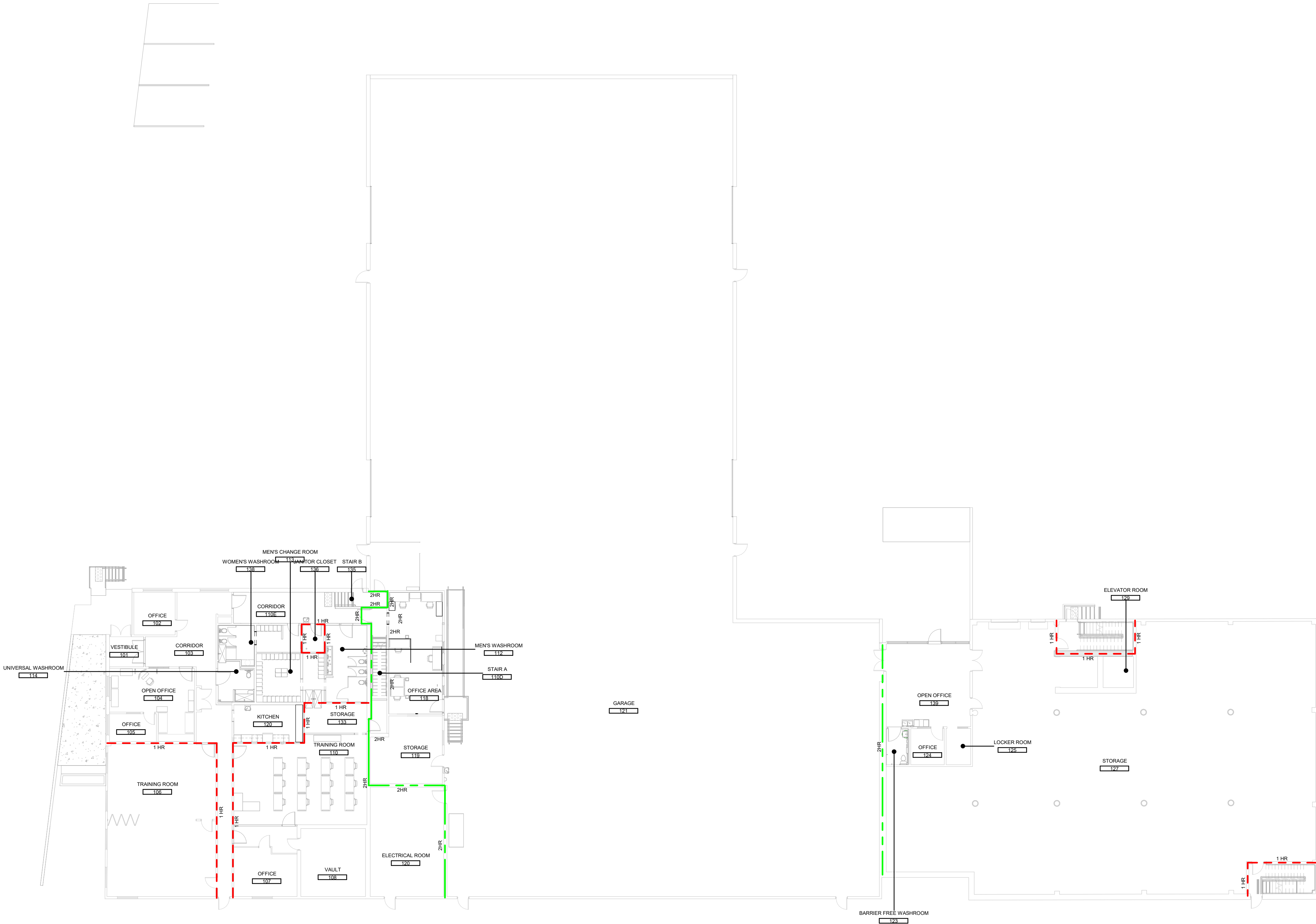
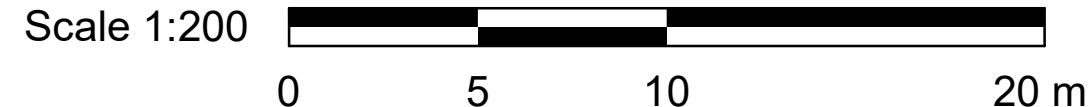
PROJECT NO:
9119-19- 0162 / Arcadis 30279056
DRAWN BY:
A. KVASNIUK
PROJECT MGR:
F.BOLOURIAN
CHECKED BY:
L. BANDIERA
APPROVED BY:
E. FENUTA

SHEET TITLE
DRAWING LIST AND
BUILDING CODE MATRIX

SHEET NUMBER	ISSUE
G05-010-G0002	D

Firm Name: IBI GROUP ARCHITECTS (CANADA) INC. CERTIFICATE OF PRACTICE NUMBER 5605 100-175 Galaxy Boulevard Toronto, ON M9W 0C9 T 416 679 1930 F 416 675 4620		Name of Project 1026 FINCH AVE W - ACCESSIBILITY UPGRADES Location 1026 FINCH AVE W NORTH YORK, ON/ M3J 2E2	
ITEM	Ontario's 2012 Building Code Data Matrix Part 3 or 9	OBC REFERENCE References are to Division B unless noted (A) for Division A or (C) for Division C	REMARKS
1.	PROJECT DESCRIPTION <div><input type="checkbox"/> New <input type="checkbox"/> Addition <input type="checkbox"/> CHANGE OF USE <input checked="" type="checkbox"/> Alteration</div> <div><input checked="" type="checkbox"/> PART 11 11.1 to 11.4</div>	<input checked="" type="checkbox"/> PART 3 <input type="checkbox"/> PART 9 1.1.2. [A] 1.1.2. [A] & 9.10.1.3.	
2.	MAJOR OCCUPANCY(S) GROUP F, DIVISION 2 - MEDIUM HAZARD INDUSTRIAL SUBSIDIARY OCCUPANCY(S) GROUP D - BUSINESS AND PERSONAL SERVICE OCCUPANIES	3.1.2.1. (1) 9.10.2.	EXISTING NO CHANGE
3.	BUILDING AREA (m²) EXISTING - 3853.9 NEW - 0 TOTAL - 3853.9	1.4.1.2. [A] 1.4.1.2. [A]	
4.	GROSS AREA (m²) EXISTING - 4847 NEW - 0 TOTAL - 4847	1.4.1.2. [A] 1.4.1.2. [A]	EXISTING NO CHANGE
5.	NUMBER OF STOREYS ABOVE GRADE - 2 BELOW GRADE -	1.4.1.2. [A] & 3.2.1.1. 1.4.1.2. [A] & 9.10.4.	
6.	NUMBER OF STREETS/FIRE FIGHTER ACCESS - 1 EXISTING NO CHANGE	3.2.2.10. & 3.2.5. 9.10.20.	
7.	BUILDING CLASSIFICATION - EXISTING NO CHANGE	3.2.2.70. 9.10.2.	
8.	SPRINKLER SYSTEM PROPOSED <div><input type="checkbox"/> ENTIRE BUILDING <input type="checkbox"/> SELECTED COMPARTMENTS <input checked="" type="checkbox"/> SELECTED FLOOR AREAS <input type="checkbox"/> BASEMENT <input type="checkbox"/> IN LIEU OF ROOF RATING <input type="checkbox"/> NOT REQUIRED</div>	3.2.2.67 9.10.8.2 3.2.1.5 9.10.8.2 3.2.2.17 INDEX INDEX	EXISTING NO CHANGE
9.	STANDPIPE REQUIRED STANDPIPE PROVIDED <div><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</div>	3.2.9. N/A	EXISTING NO CHANGE
10.	FIRE ALARM REQUIRED FIRE ALARM PROVIDED <div><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</div>	3.2.4. 9.10.18.	EXISTING NO CHANGE
11.	WATER SERVICE/SUPPLY IS ADEQUATE	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO 3.2.5.7. N/A	EXISTING NO CHANGE
12.	HIGH BUILDING <div><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</div>	3.2.6. N/A	
13.	CONSTRUCTION RESTRICTIONS <div><input type="checkbox"/> COMBUSTIBLE <input type="checkbox"/> NON-COMBUSTIBLE <input checked="" type="checkbox"/> BOTH PERMITTED <input type="checkbox"/> COMBUSTIBLE <input type="checkbox"/> NON-COMBUSTIBLE <input checked="" type="checkbox"/> BOTH</div>	3.2.2.67. 9.10.6.	EXISTING NO CHANGE
14.	MEZZANINE (S) AREA m² N/A	3.2.1.1. (3) - (8) 9.10.4.1.	
15.	OCCUPANT LOAD BASED ON <input type="checkbox"/> m²/PERSON <input checked="" type="checkbox"/> DESIGN OF BUILDING <div>1ST FLOOR: OCCUPANCY _____ LOAD _____ PERSONS 2ND FLOOR: OCCUPANCY _____ LOAD _____ PERSONS MEZZANINE FLOOR: OCCUPANCY _____ LOAD _____ PERSONS</div>	3.1.17. 4.9.13.	EXISTING NO CHANGE
16.	BARRIER FREE DESIGN <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO (EXPLAIN)	3.8. 9.5.2.	ONLY PROPOSED AREA OF WORK - COMPLIANT WITH CITY OF TORONTO ACCESSIBILITY DESIGN GUIDELINE DRAFT 2016 WHEN POSSIBLE
17.	HAZARDOUS SUBSTANCES <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	3.3.1.2 & 3.3.1.19 9.10.1.3.(4)	
18a.	REQUIRED FIRE RESISTANCE RATING (FRR) <div>FLOORS NO CHANGE ROOF NO CHANGE MEZZANINE N/A</div>	3.2.2.67. & 3.2.1.4. 9.10.8. 9.10.9.	

ITEM	Ontario's 2012 Building Code Data Matrix Part 3 or 9	OBC REFERENCE References are to Division B unless noted (A) for Division A or (C) for Division C	REMARKS																																																							
18b.	REQUIRED FIRE RESISTANCE RATING (FRR) <div>FRR OF SUPPORTING MEMBERS FLOORS NO CHANGE ROOF NO CHANGE MEZZANINE</div>	SB-2 TABLE 2.1.1. SB-2 TABLE 2.1.1.																																																								
19.	SPATIAL SEPARATION - CONSTRUCTION OF EXTERIOR WALLS <table><tr><td>WALL</td><td>AREA OF EBF (m²)</td><td>LD (M)</td><td>L/H OR H/L</td><td>PERMITTED MAX. % OF OPENINGS</td><td>PROPOSED % OF OPENINGS</td><td>FRR (HOURS)</td><td>LISTED DESIGN OR DESCRIPTION</td><td>COMB. CONST.</td><td>COMB. CONST. NONC-GLADDING</td><td>NON-COMB. CONST.</td></tr><tr><td>NORTH</td><td></td><td></td><td></td><td></td><td>-</td><td>0</td><td>-</td><td>-</td><td>-</td><td></td></tr><tr><td>SOUTH</td><td></td><td></td><td></td><td></td><td>-</td><td>0</td><td>-</td><td>-</td><td>-</td><td></td></tr><tr><td>EAST</td><td></td><td></td><td></td><td></td><td>-</td><td>0</td><td>-</td><td>-</td><td>-</td><td></td></tr><tr><td>WEST</td><td></td><td></td><td></td><td></td><td>-</td><td>0</td><td>-</td><td>-</td><td>-</td><td></td></tr></table>	WALL	AREA OF EBF (m²)	LD (M)	L/H OR H/L	PERMITTED MAX. % OF OPENINGS	PROPOSED % OF OPENINGS	FRR (HOURS)	LISTED DESIGN OR DESCRIPTION	COMB. CONST.	COMB. CONST. NONC-GLADDING	NON-COMB. CONST.	NORTH					-	0	-	-	-		SOUTH					-	0	-	-	-		EAST					-	0	-	-	-		WEST					-	0	-	-	-		3.2.3. 9.10.14. EXISTING NO CHANGE	
WALL	AREA OF EBF (m²)	LD (M)	L/H OR H/L	PERMITTED MAX. % OF OPENINGS	PROPOSED % OF OPENINGS	FRR (HOURS)	LISTED DESIGN OR DESCRIPTION	COMB. CONST.	COMB. CONST. NONC-GLADDING	NON-COMB. CONST.																																																
NORTH					-	0	-	-	-																																																	
SOUTH					-	0	-	-	-																																																	
EAST					-	0	-	-	-																																																	
WEST					-	0	-	-	-																																																	
20.	PLUMBING FIXTURE REQUIREMENTS <div>MALE / FEMALE COUNT @ 80% / 20% EXCEPT AS NOTED OTHERWISE MAJOR OCCUPANCY D AND F2 D: 83 MALES/ 20 FEMALES F2: 15 MALES/ 0 FEMALES</div>	EXISTING NO CHANGE OCCUPANT LOAD 103 (D#) OBC TABLE NUMBER 3.7.4.7. FIXTURES REQUIRED 5M/ 2F FIXTURES PROVIDED 7M/ 2F/ 2 GENDER NEUTRAL 15(F2#) 3.7.4.9. SAME AS ABOVE	OBC REFERENCE <input checked="" type="checkbox"/> PART 3 <input type="checkbox"/> PART 9 3.7.4.7. 3.7.4.9.																																																							
21.	EXITS/ ACCESS TO EXIT-		EXISTING NO CHANGE																																																							
22.	OTHER (DESCRIBE) -																																																									
ITEM	Ontario Building Code Data Matrix - Part 11 - Renovation of Existing Building	OBC REFERENCE	REMARKS																																																							
11.1	EXISTING BUILDING CLASSIFICATION: DESCRIBE EXISTING USE: CONSTRUCTION INDEX: HAZARD INDEX: <input checked="" type="checkbox"/> NOT APPLICABLE (NO CHANGE OF MAJOR OCCUPANCY)	11.2.1. TABLE 11.2.1.1.A. TABLE 11.2.1.1.B. TO N																																																								
11.2	ALTERATION TO EXISTING BUILDING IS: BASIC RENOVATION EXTENSIVE RENOVATION	<input checked="" type="checkbox"/> <input type="checkbox"/> 11.3.3.1. 11.3.3.2.																																																								
11.3	REDUCTION IN PERFORMANCE LEVEL: STRUCTURAL: BY INCREASE IN OCCUPANT LOAD: BY CHANGE OF MAJOR OCCUPANCY: PLUMBING: SEWAGE SYSTEM:	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES 11.4.2. 11.4.2.1. 11.4.2.2. 11.4.2.3.																																																								
11.4	COMPENSATING CONSTRUCTION: STRUCTURAL: BY INCREASE IN OCCUPANT LOAD: BY CHANGE OF MAJOR OCCUPANCY: PLUMBING: SEWAGE SYSTEM:	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (EXPLAIN) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (EXPLAIN) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (EXPLAIN) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (EXPLAIN) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (EXPLAIN) 11.4.3 11.4.3.2 11.4.3.3 11.4.3.4 11.4.3.5 11.4.3.6																																																								
11.5	COMPLIANCE ALTERNATIVES PROPOSED: <div><input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (GIVE NUMBERS)</div>	11.5.1																																																								



LIFE AND SAFETY LEGEND

- 2 HOUR FIRE RATED SEPARATION
- 1.0 HOUR FIRE RATED SEPARATION
- EXIT
- 2.0 HR FIRE RESISTANCE RATING FOR FLOOR ASSEMBLY ABOVE
- OUT OF SCOPE

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Project Management Office
Metro Hall Toronto, ON
MSV 3C6

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C	ISSUED FOR PERMIT	2022-03-18
D	ISSUED FOR TENDER	2025-04-11

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PRIME CONSULTANT

ARCADIS
100 - 175 Galtway Blvd.
Toronto, ON M5W 1C8, Canada
Tel: 416-679-1520
www.arcadis.com

PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**FINCH YARD - BLDG A
1026 FINCH AVE W**

PROJECT NO:
9119-19- 0162 / Arcadis 30279056

DRAWN BY:
A. KVASNIUK

CHECKED BY:
L. BANDIERA

PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
E. FENUTA

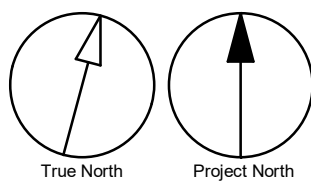
SHEET TITLE
**FIRST FLOOR FIRE
SEPARATION PLAN**

SHEET NUMBER

G05-010-A0201

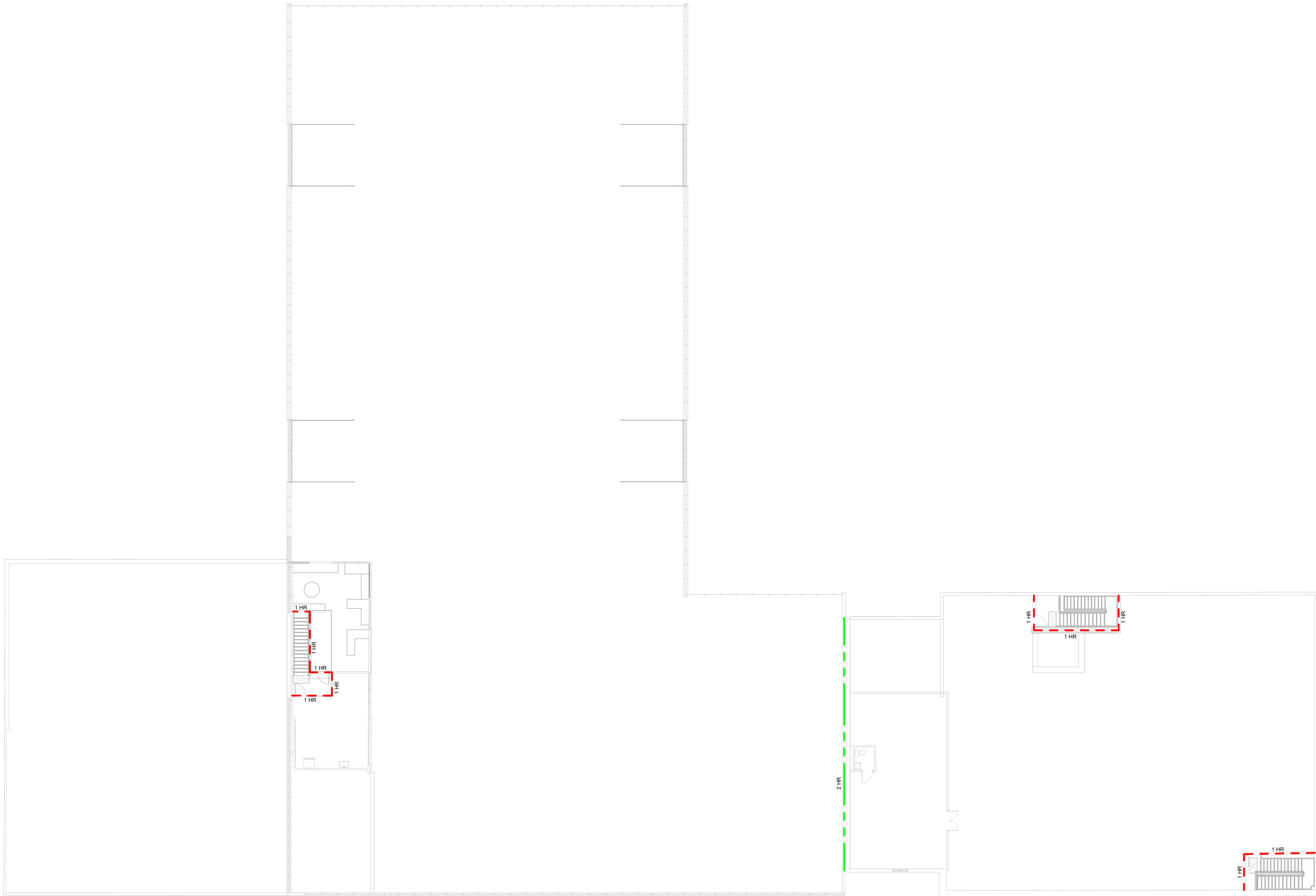
ISSUE

D



5/8/2025 2:25:18 PM

Scale 1:200



LIFE AND SAFETY LEGEND

2 HOUR FIRE RATED SEPARATION

1.0 HOUR FIRE RATED SEPARATION

EXIT

2.0 HR FIRE RESISTANCE RATING FOR FLOOR ASSEMBLY ABOVE

OUT OF SCOPE

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PRIME CONSULTANT



100 - 175 Galloway Blvd.
Toronto, ON M6W 0C8, Canada
tel 416-679-1500
www.arcadis.com

PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

FINCH YARD - BLDG A
1026 FINCH AVE W

PROJECT NO:

9119-19- 0162 / Arcadis 30279056

DRAWN BY:

A. KVASNIUK

CHECKED BY:

L. BANDIERA

PROJECT MGR:

F. BOLOURIAN

APPROVED BY:

E. FENUTA

SHEET TITLE

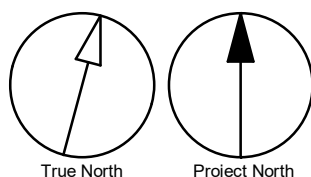
SECOND FLOOR FIRE
SEPARATION PLAN

SHEET NUMBER

G05-010-A0202

ISSUE

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10mm

1 in



IMAGE SOURCE: GOOGLE MAPS

2
A1201

KEY MAP

Scale: NTS



PHOTO 01 - EXISTING ACCESSIBLE PARKING



PHOTO 02 - EXISTING PICNIC TABLE



PHOTO 03 - EXISTING EXTERIOR STAIR 1

EXISTING PICNIC TABLE
TO BE REMOVED AND
DISPOSED OF

EXISTING PARKING PAINTED
MARKING TO BE REMOVED

REMOVE AND DISPOSE OF
EXISTING GUARDRAIL. PATCH
AND MAKE GOOD EXISTING
CONC. WALL TO RECEIVE NEW
GUARDRAIL



PHOTO 04 - EXISTING EXTERIOR STAIR 1

SITE LEGEND



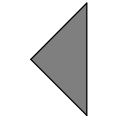
NEW BARRIER FREE PARKING
SPACE - REFER TO DETAIL
1/D1701 & 5/D1701



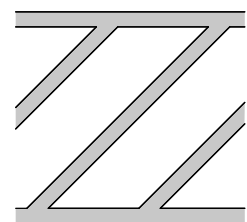
ACCESSIBLE PARKING SIGN ON
POST - REFER TO DETAIL 2/D1702



EXISTING MAIN ENTRANCE



EXISTING EXIT TO REMAIN



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



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



DASHED AREA INDICATES
AREA OF WORK

SITE PLAN GENERAL NOTES

- 1 SITE PLAN DIMENSIONS ARE APPROXIMATE BASED ON GOOGLE MAPS. CONTRACTOR TO VERIFY ALL DIMENSIONS AND EXISTING SITE SERVICES AND TO REPORT ANY DISCREPANCY TO THE CONSULTANT AND THE OWNER BEFORE COMMENCEMENT OF THE WORK.
- 2 DURING CONSTRUCTION, CONTRACTOR TO COORDINATE ENTRANCES WITH OWNER FOR HOARDING AND EXTERIOR FENCINGS. RESTORE EXTERIOR WALKWAY, DRIVEWAY, PAVING AND ALL SOFT LANDSCAPING MATERIAL AROUND ALL EXTERIOR EXCAVATED AREAS AFTER CONSTRUCTION AS NEEDED WITH THE SAME MATERIAL AND FINISH.
- 3 VERIFY ALL UNDERGROUND BURIED UTILITIES PRIOR TO DIGGING AND REPORT ANY CONFLICTS TO THE CONSULTANT.

ALNESS ST.

EXISTING TWO STOREY FINCH
YARD - BUILDING A

REMOVE EXISTING DEBRIS
ALONG THE PATH OF
TRAVEL THROUGH THE
STEPS

DEMOLISH AND DISPOSE OF
EXISTING GUARDRAIL.
PATCH AND MAKE GOOD
EXISTING CONC. WALL TO
RECEIVE NEW GUARDRAIL

ENTRANCE/ EXIT

EXISTING ACCESSIBLE PARKING
SIGNAGE AND MARKING TO BE
REMOVED AND DISPOSED OF

EXISTING PLANTER TO BE
DEMOLISHED

EXISTING STAIR TO BE
DEMOLISHED

MAIN ENTRANCE/
EXIT

EXISTING PAVERS TO BE
REMOVED

EXISTING SIGN POLE TO
BE REMOVED

EXISTING PLANTER TO BE
DEMOLISHED. RELOCATE
EXISTING PLANTS TO THE NEW
PLANTER. FOR NEW PLANTER
LOCATION REFER TO A1202

EXISTING SOIL TO BE REMOVED

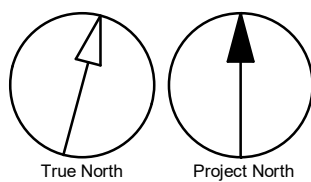
EXISTING SHRUBS TO BE
REMOVED

EXISTING PICNIC TABLE TO
BE REMOVED AND
DISPOSED OF

Scale 1:250

0 5 10 25 m

FINCH AVE. W



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Toronto, ON M5W 1C8, Canada
Tel 416-679-1000
www.arcadis.com

PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**FINCH YARD - BLDG A
1026 FINCH AVE W**

PROJECT NO:
9119-19- 0162 / Arcadis 30279056

DRAWN BY:
**A. BOYANRIAN/ A.
KVASHNIUK**

CHECKED BY:
L. BANDIERA

PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
E. FENUTA

SHEET TITLE
EXISTING SITE PLAN

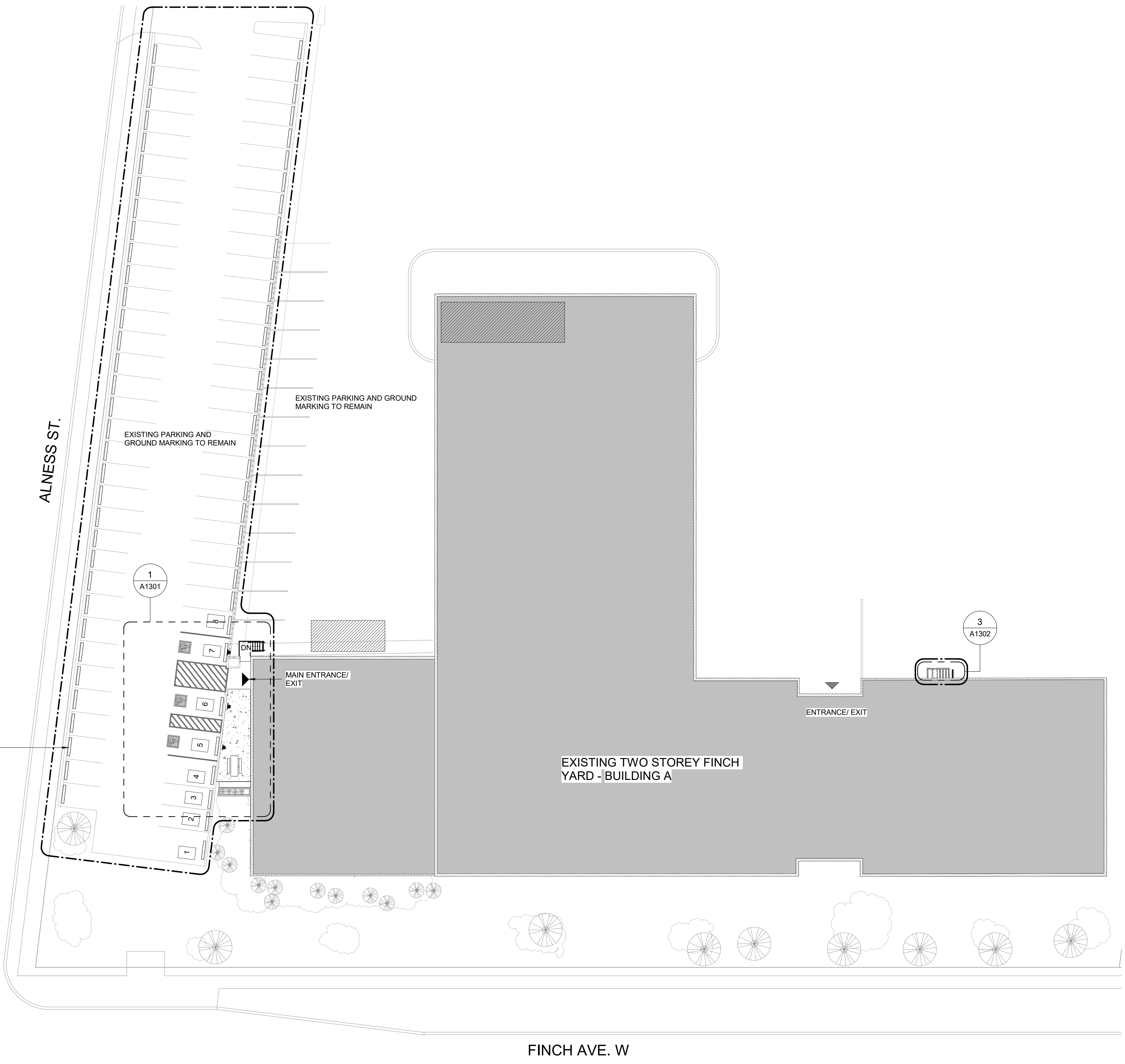
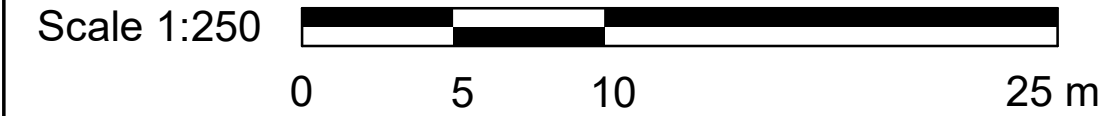
SHEET NUMBER

G05-010-A1201

ISSUE

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SITE LEGEND

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

SITE PLAN GENERAL NOTES

- SITE PLAN DIMENSIONS ARE APPROXIMATE BASED ON GOOGLE MAPS. CONTRACTOR TO VERIFY ALL DIMENSIONS AND EXISTING SITE SERVICES AND TO REPORT ANY DISCREPANCY TO THE CONSULTANT AND THE OWNER BEFORE COMMENCEMENT OF THE WORK.
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- VERIFY ALL UNDERGROUND BURIED UTILITIES PRIOR TO DIGGING AND REPORT ANY CONFLICTS TO THE CONSULTANT.

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Tel: 416-679-1020
www.arcadis.com

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ACCESSIBILITY UPGRADES**

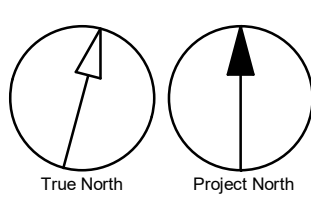
PROJECT ADDRESS
**FINCH YARD - BLDG A
1026 FINCH AVE W**

PROJECT NO:
9119-19- 0162 / Arcadis 30279056

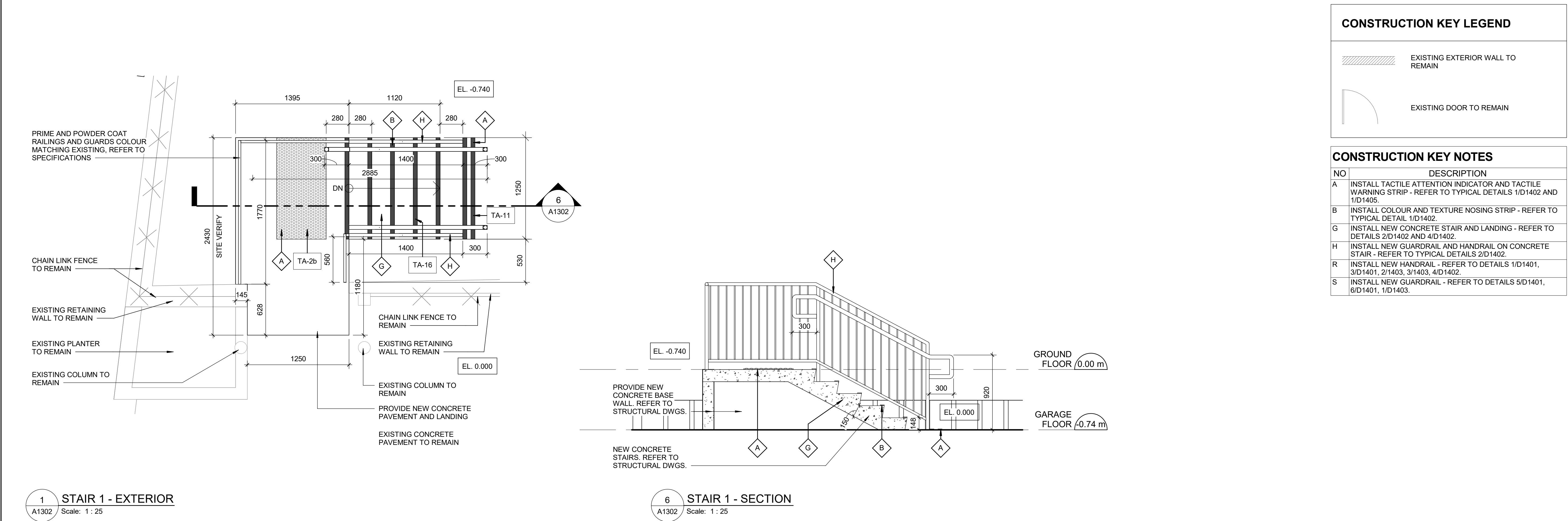
DRAWN BY: A. BOYNARIAN/ A. KYASNIUK	CHECKED BY: L. BANDIERA
PROJECT MGR: F. BOLOURIAN	APPROVED BY: E. FENUITA

SHEET TITLE
SITE PLAN PROPOSED

SHEET NUMBER G05-010-A1202	ISSUE D
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1/1m



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B	90% SUBMISSION	2022-02-22
C	ISSUED FOR PERMIT	2022-03-18
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Toronto, ON M6W 0C8, Canada
Tel: 416-679-1520
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PROJECT TITLE
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ACCESSIBILITY UPGRADES

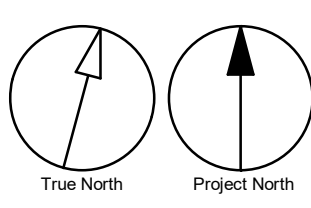
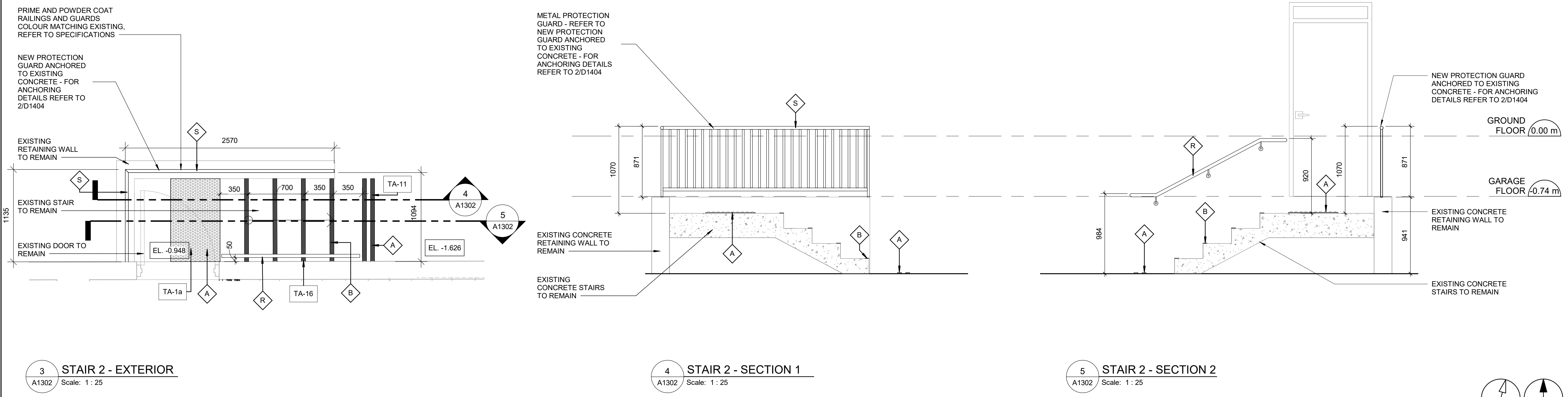
PROJECT ADDRESS
FINCH YARD - BLDG A
1026 FINCH AVE W

PROJECT NO:
9119-19- 0162 / Arcadis 30279056

DRAWN BY: A. BOYNARIAN/ A. KYASNIUK	CHECKED BY: L. BANDIERA
PROJECT MGR: F. BOLOURIAN	APPROVED BY: E. FENUITA

SHEET TITLE
ENLARGED STAIR PLANS
AND ELEVATIONS

SHEET NUMBER G05-010-A1302	ISSUE D
--------------------------------------	-------------------





- RELOCATE EXISTING BFAO -
REFER TO 5/D1001



- RELOCATE AND REPLACE BFPB WITH BFWO - REFER TO 5/D1001

REMOVE AND DISPOSE OF
EXISTING SHELVING.
RELOCATE EXISTING
CONTENT. NEW LOCATION
WILL BE COORDINATED
WITH THE CLIENT _____

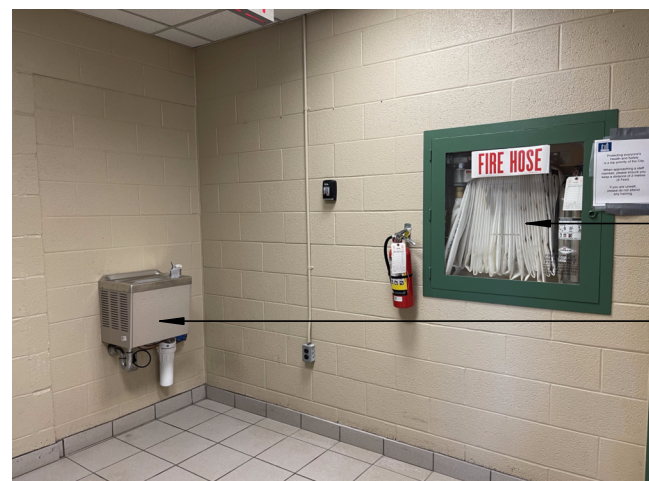


- RELOCATE AND REPLACE BFPB WITH BFWO - REFER TO 5/D1001

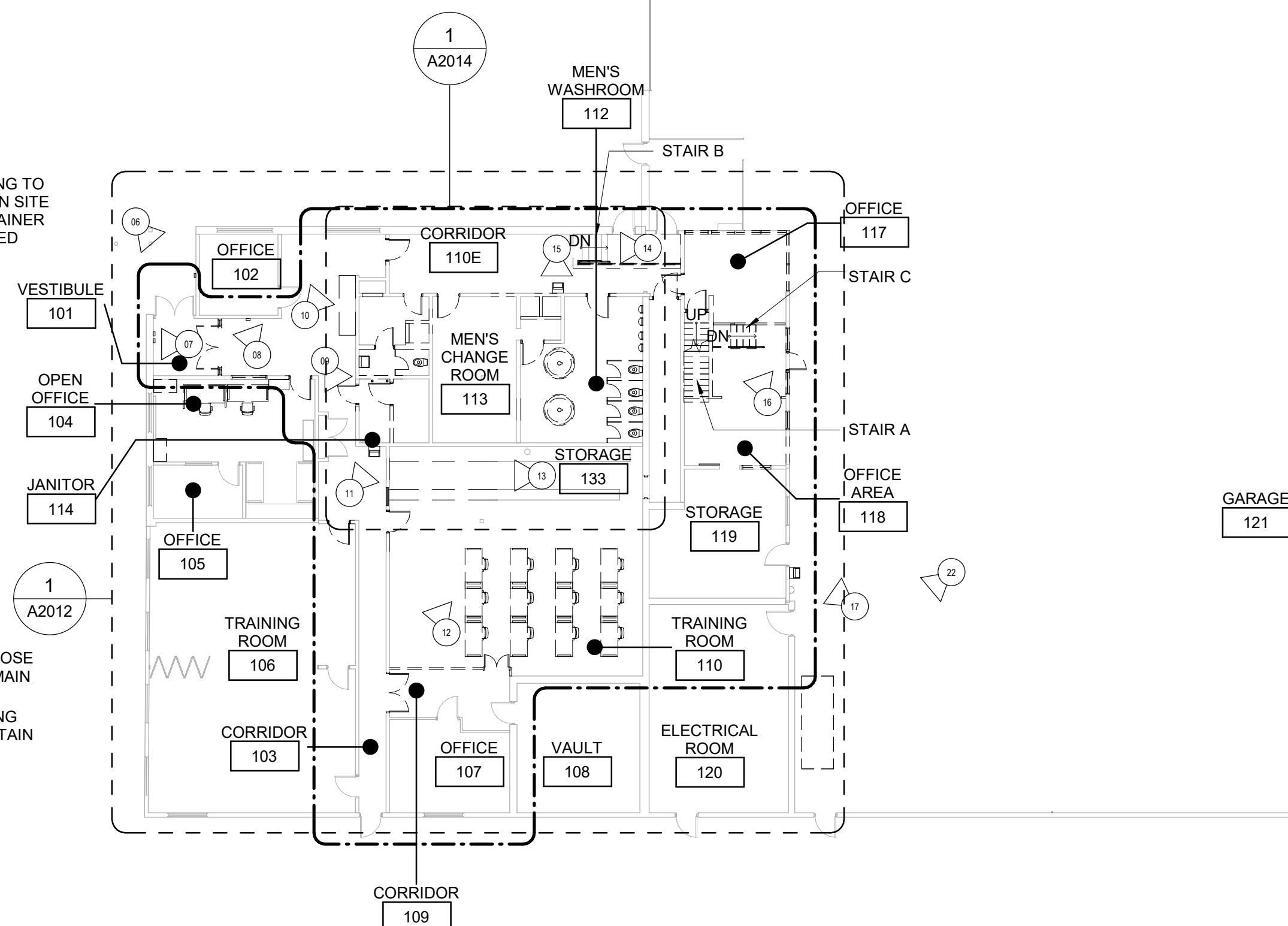
REMOVE AND DISPOSE OF
EXISTING GUARDRAIL AND
FLOOR FINISH. REFER TO
A2611 FOR EXTEND OF
DEMOLITION _____



EXISTING SEATING TO
BE STORED IN ON SITE
STORAGE CONTAINER
TO BE RELOCATED



- EXISTING FIRE HOSE CABINET TO REMAIN
- REMOVE EXISTING DRINKING FOUNTAIN



REMOVE EXISTING
DRINKING FOUNTAIN

REMOVE AND DISPOSE OF
EXISTING GUARDRAIL.
PATCH AND MAKE GOOD
EXISTING CONC. BLOCK
WALL TO RECEIVE NEW
GUARDRAIL

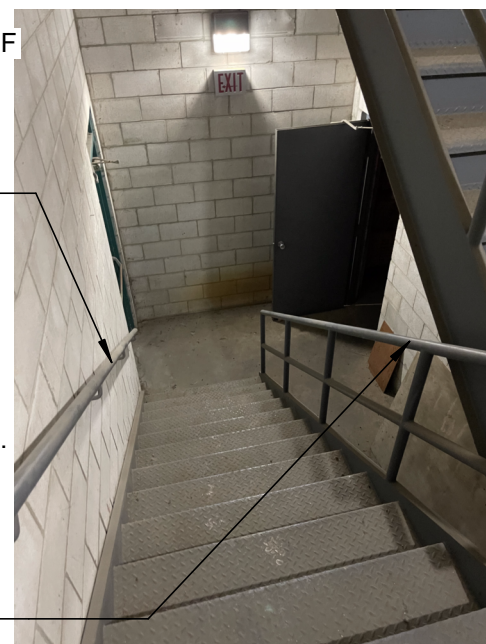
REMOVE AND DISPOSE
OF EXISTING GUARDRAIL.
NEW GUARDRAIL TO BE
MOUNTED ON EXISTING
STRINGER. PAINT AND
FINISH STRINGER TO
MATCH EXISTING
COLOUR FINISH



REMOVE AND DISPOSE OF EXISTING GUARDRAIL. PATCH AND MAKE GOOD EXISTING CONC. BLOCK WALL TO RECEIVE NEW GUARDRAIL _____

- DEMOLISH EXISTING STAIRCASE INCLUDING ALL HANDRAILS AND ACCESSORIES _____

REMOVE AND DISPOSE OF EXISTING GUARDRAIL. NEW GUARDRAIL TO BE MOUNTED ON EXISTING STRINGER. PAINT AND FINISH STRINGER TO MATCH EXISTING COLOUR FINISH _____



- REMOVE EXISTING WINDOW _____
- REMOVE EXISTING DOOR _____
- REMOVE EXISTING DRINKING FOUNTAIN
- EXISTING EYE WASH STATION TO REMAIN
- EXISTING THERMOSTAT TO REMAIN _____



- EXISTING BOARD TO BE STORED AND REHANG AFTER NEW BFWO IS INSTALLED
- EXISTING COUNTER, MILLWORK AND SINK TO BE REMOVED
- EXISTING PRINTER, MINIFRIDGE AND CABINET TO REMAIN



DEMOLITION KEY LEGEND

- | | |
|-------|------------------------------|
| ---- | EXISTING TO BE DEMOLISHED |
| ---- | EXISTING INTERIOR PARTITION |
| ---- | TO BE DEMOLISHED |
| ===== | EXISTING EXTERIOR WALL |
| ===== | TO REMAIN |
| ===== | EXISTING PARTITION TO REMAIN |

- EXISTING DOOR, FRAME,
AND ASSOCIATED
HARDWARE TO BE REMOVED

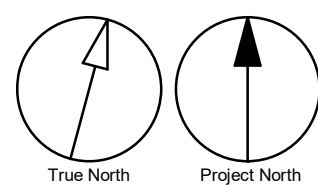
- EXISTING DOOR TO REMAIN

-  DASHED AREA INDICATES
AREA OF WORK

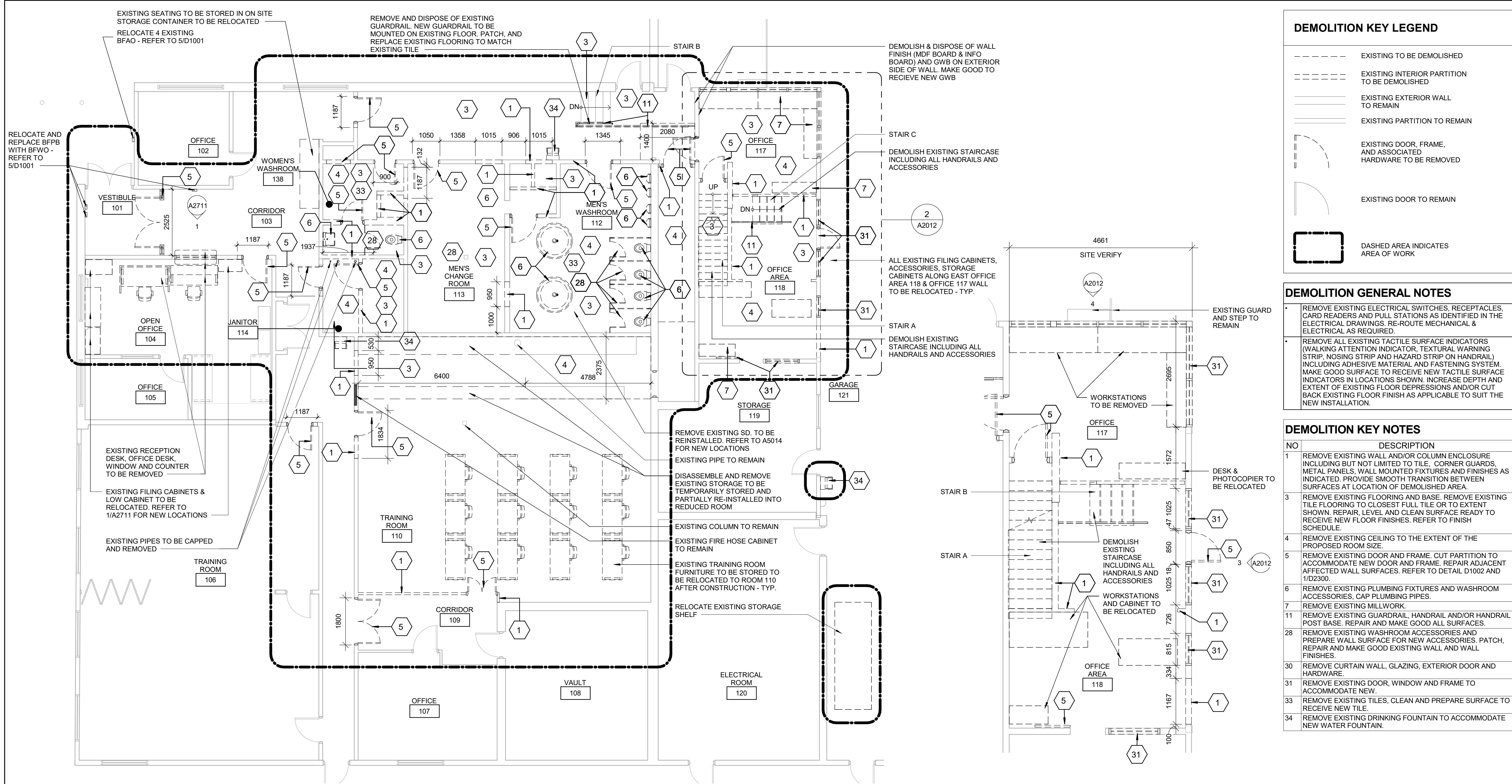
DEMOLITION GENERAL NOTES

- | | |
|---|--|
| • | REMOVE EXISTING ELECTRICAL SWITCHES, RECEPTACLES, CARD READERS AND PULL STATIONS AS IDENTIFIED IN THE ELECTRICAL DRAWINGS. RE-ROUTE MECHANICAL & ELECTRICAL AS REQUIRED. |
| • | 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 AS SHOWN. INCREASE DEPTH AND BACK OF EXISTING FLOOR DEPRESSIONS AND/OR CUT BACK EXISTING FLOOR FINISH AS APPLICABLE TO SUIT THE NEW INSTALLATION. |

Scale 1:200

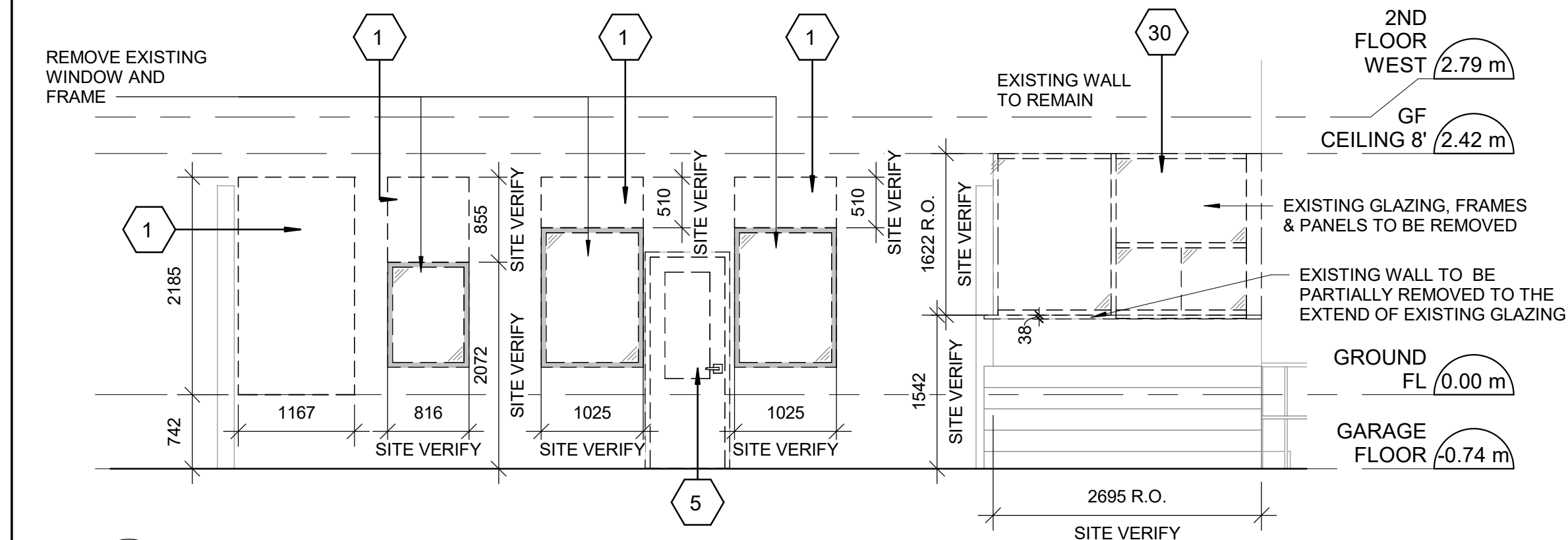


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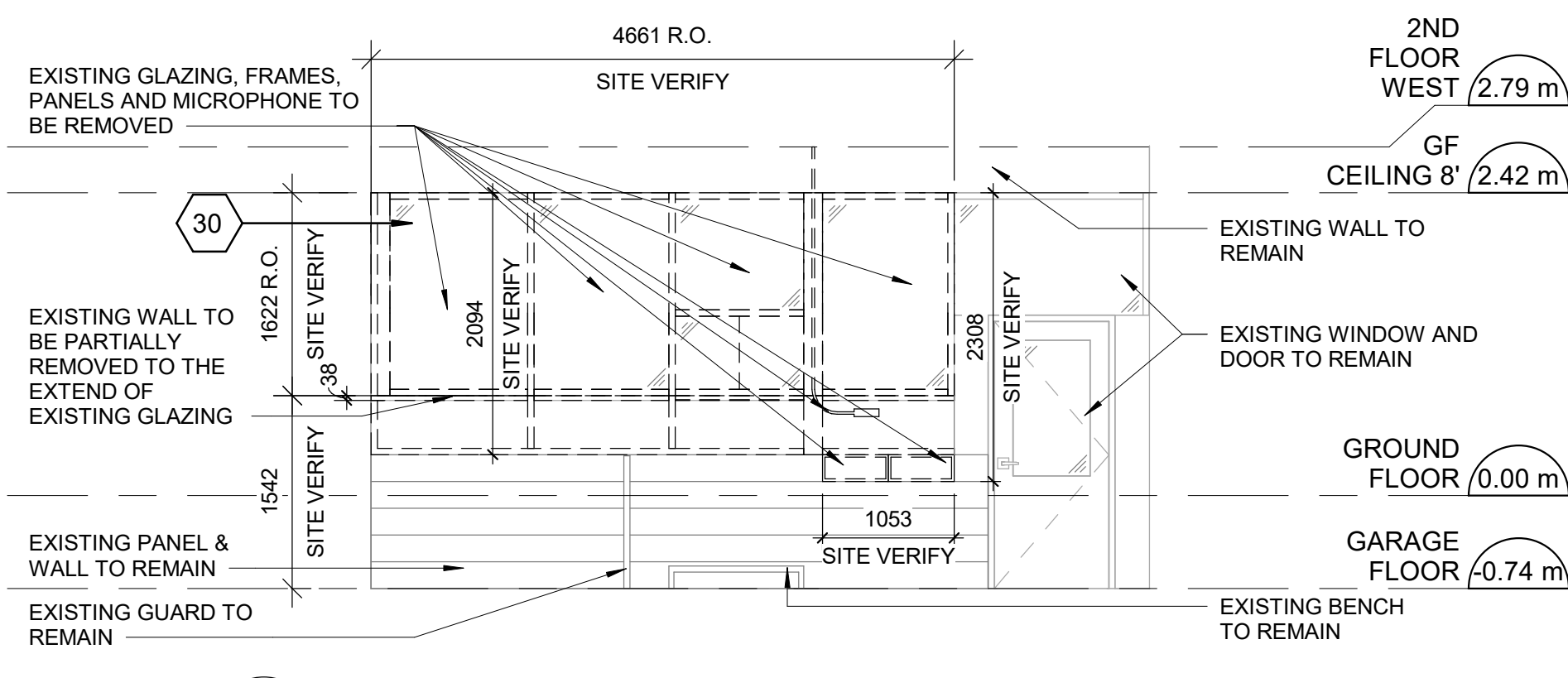


1 FIRST FLOOR PARTIAL DEMOLITION PLAN - WEST
A2012 Scale: 1 : 75

2 FIRST FLOOR PARTIAL DEMOLITION PLAN - OFFICE 117 AND 118
A2012 Scale: 1 : 50



3 OFFICE 117-EAST WALL - DEMOLITION ELEVATION
A2012 Scale: 1 : 50



4 OFFICE 117-NORTH WALL - DEMOLITION ELEVATION
A2012 Scale: 1 : 50

DEMOLITION KEY LEGEND

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

DEMOLITION GENERAL NOTES

- REMOVE EXISTING ELECTRICAL SWITCHES, RECEPTACLES, CARD READERS AND PULL STATIONS AS IDENTIFIED IN THE ELECTRICAL DRAWINGS. RE-ROUTE MECHANICAL & ELECTRICAL AS REQUIRED.
- 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 FINISH AS APPLICABLE TO SUIT THE NEW INSTALLATION.

DEMOLITION KEY NOTES

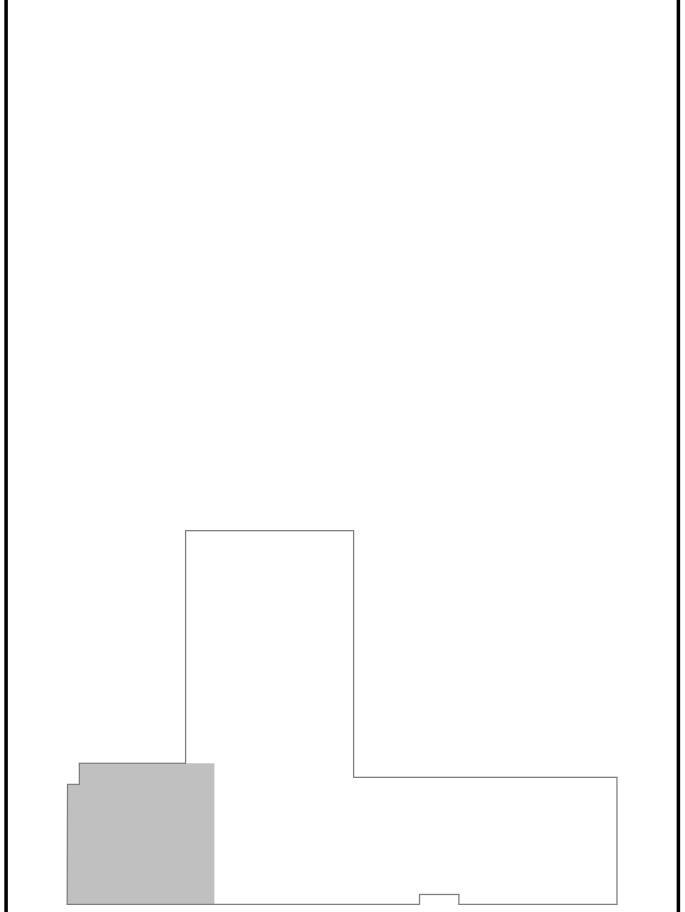
NO	DESCRIPTION
1	REMOVE EXISTING WALL AND/OR COLUMN ENCLOSURE INCLUDING BUT NOT LIMITED TO TILE, CORNER GUARDS, METAL PANELS, WALL MOUNTED FIXTURES AND FINISHES AS INDICATED. PROVIDE SMOOTH TRANSITION BETWEEN SURFACES AT LOCATION OF DEMOLISHED AREA.
3	REMOVE EXISTING FLOORING AND BASE. REMOVE EXISTING TILE FLOORING TO CLOSEST FULL TILE OR TO EXTENT SHOWN. REPAIR, LEVEL AND CLEAN SURFACE READY TO RECEIVE NEW FLOOR FINISHES. REFER TO FINISH SCHEDULE.
4	REMOVE EXISTING CEILING TO THE EXTENT OF THE PROPOSED ROOM SIZE.
5	REMOVE EXISTING DOOR AND FRAME. CUT PARTITION TO ACCOMMODATE NEW DOOR AND FRAME. REPAIR ADJACENT AFFECTED WALL SURFACES. REFER TO DETAIL D1002 AND D102300.
6	REMOVE EXISTING PLUMBING FIXTURES AND WASHROOM ACCESSORIES. CAP PLUMBING PIPES.
7	REMOVE EXISTING MILLWORK.
11	REMOVE EXISTING GUARDRAIL, HANDRAIL AND/OR HANDRAIL POST BASE. REPAIR AND MAKE GOOD ALL SURFACES.
28	REMOVE EXISTING WASHROOM ACCESSORIES AND PREPARE WALL SURFACE FOR NEW ACCESSORIES. PATCH, REPAIR AND MAKE GOOD EXISTING WALL AND WALL FINISHES.
30	REMOVE CURTAIN WALL, GLAZING, EXTERIOR DOOR AND HARDWARE.
31	REMOVE EXISTING DOOR, WINDOW AND FRAME TO ACCOMMODATE NEW.
33	REMOVE EXISTING TILES. CLEAN AND PREPARE SURFACE TO RECEIVE NEW TILE.
34	REMOVE EXISTING DRINKING FOUNTAIN TO ACCOMMODATE NEW WATER FOUNTAIN.

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Project Management Office
Metro Hall Toronto, ON
MSV 3C6

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NO.	DESCRIPTION	DATE
A	50% SUBMISSION	2021-11-19
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C	ISSUED FOR PERMIT	2022-03-18
D	ISSUED FOR TENDER	2025-04-11

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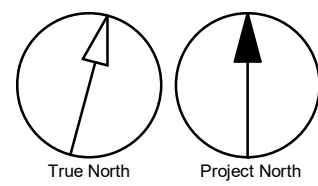
PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**FINCH YARD - BLDG A
1026 FINCH AVE W**

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

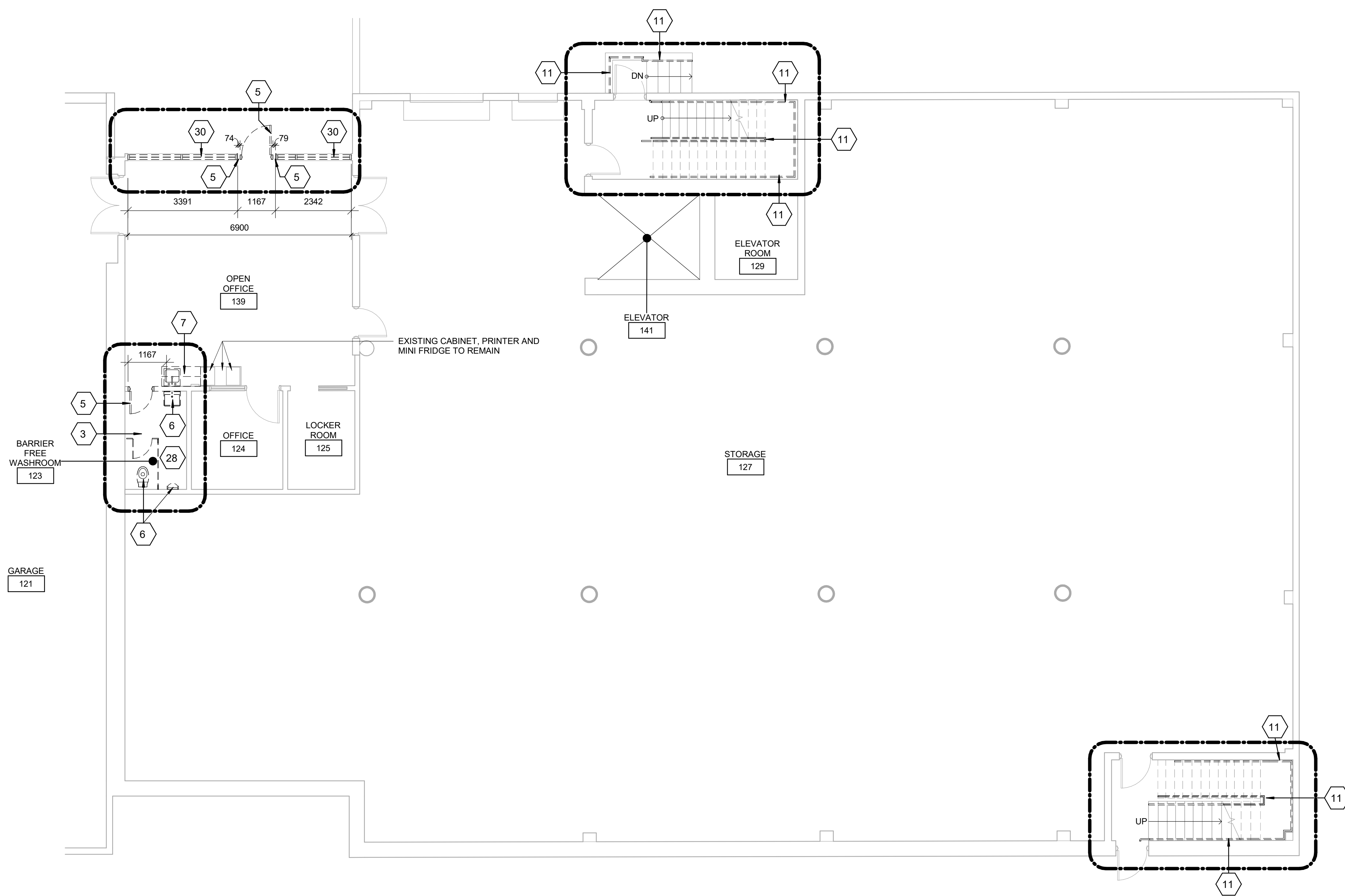
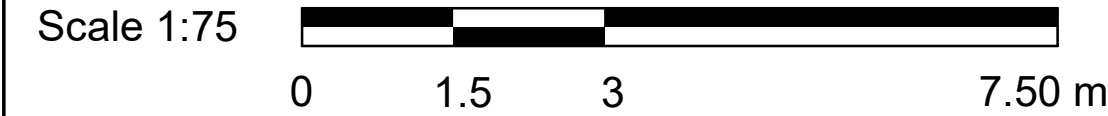
SHEET TITLE
**FIRST FLOOR DEMOLITION
PLAN - WEST**

SHEET NUMBER
G05-010-A2012
ISSUE
D



Autodesk Docs // 122260 - Cot TAU Upgrades R202412260-5-10-1026FINCH_AA-R201.v4
1/11

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DEMOLITION KEY LEGEND

- EXISTING TO BE DEMOLISHED
- - - - - EXISTING INTERIOR PARTITION TO BE DEMOLISHED
- ===== EXISTING EXTERIOR WALL TO REMAIN
- ===== EXISTING PARTITION TO REMAIN
- [Dashed Line] EXISTING DOOR, FRAME, AND ASSOCIATED HARDWARE TO BE REMOVED
- [Solid Line] EXISTING DOOR TO REMAIN
- [Dashed Box] DASHED AREA INDICATES AREA OF WORK

- ### DEMOLITION GENERAL NOTES
- REMOVE EXISTING ELECTRICAL SWITCHES, RECEPTACLES, CARD READERS AND PULL STATIONS AS IDENTIFIED IN THE ELECTRICAL DRAWINGS. RE-ROUTE MECHANICAL & ELECTRICAL AS REQUIRED.
 - 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
3	REMOVE EXISTING FLOORING AND BASE. REMOVE EXISTING TILE FLOORING TO CLOSEST FULL TILE OR TO EXTENT SHOWN. REPAIR, LEVEL AND CLEAN SURFACE READY TO RECEIVE NEW FLOOR FINISHES. REFER TO FINISH SCHEDULE.
5	REMOVE EXISTING DOOR AND FRAME. CUT PARTITION TO ACCOMMODATE NEW DOOR AND FRAME. REPAIR ADJACENT AFFECTED WALL SURFACES. REFER TO DETAIL D1002 AND D10200.
6	REMOVE EXISTING PLUMBING FIXTURES AND WASHROOM ACCESSORIES, CAP PLUMBING PIPES.
7	REMOVE EXISTING MILLWORK.
11	REMOVE EXISTING GUARDRAIL, HANDRAIL AND/OR HANDRAIL POST BASE. REPAIR AND MAKE GOOD ALL SURFACES.
28	REMOVE EXISTING WASHROOM ACCESSORIES AND PREPARE WALL SURFACE FOR NEW ACCESSORIES. PATCH, REPAIR AND MAKE GOOD EXISTING WALL AND WALL FINISHES.
30	REMOVE CURTAIN WALL, GLAZING, EXTERIOR DOOR AND HARDWARE.

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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

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Toronto, ON M6W 0C8, Canada
Tel: 416-679-1020
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PROJECT TITLE

**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

**FINCH YARD - BLDG A
1026 FINCH AVE W**

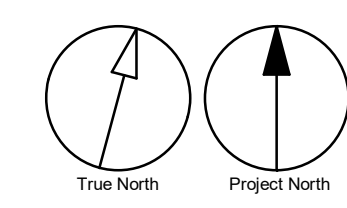
PROJECT NO:
9119-19- 0162 / Arcadis 30279056

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

SHEET TITLE

**FIRST FLOOR DEMOLITION
PLAN - EAST**

SHEET NUMBER	ISSUE
G05-010-A2013	D



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— — — — — EXISTING TO BE DEMOLISHED

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

SEAL

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Toronto, ON M9W 0C9, Canada
tel 416 679 1930
www.arcadis.com

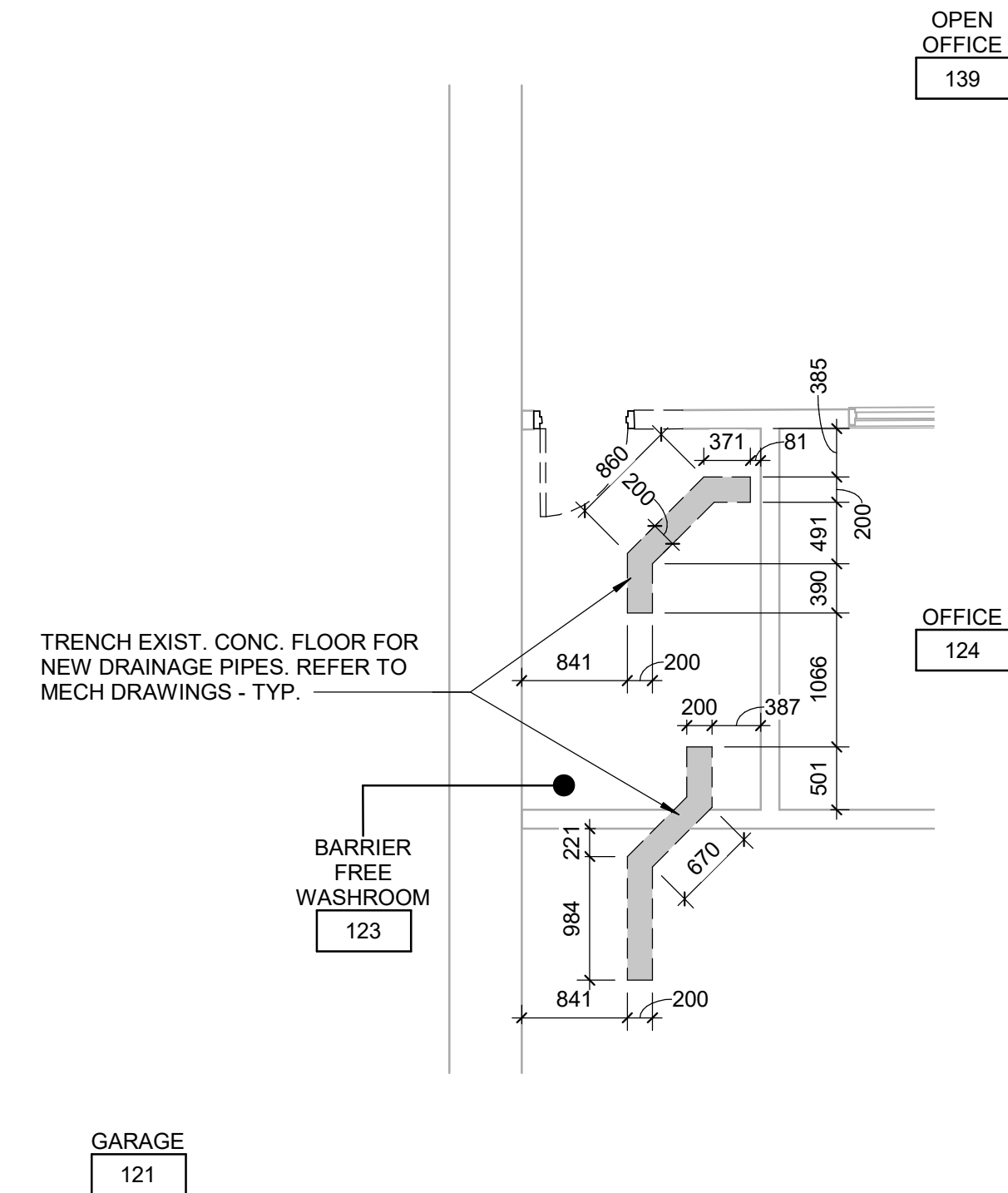
PROJECT ADDRESS
FINCH YARD - BLDG A
1026 FINCH AVE W

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

SHEET TITLE
FIRST FLOOR TRENCHING
PLANS

SHEET NUMBER	ISSUE
G05-010-A2014	A



1 FIRST FLOOR TRENCHING PLAN - WEST
A2014 Scale: 1 : 50

2 FIRST FLOOR TRENCHING PLAN - EAST
A2014 Scale: 1 : 50

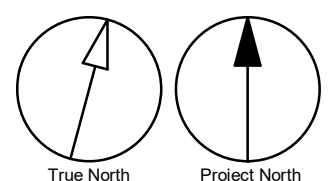
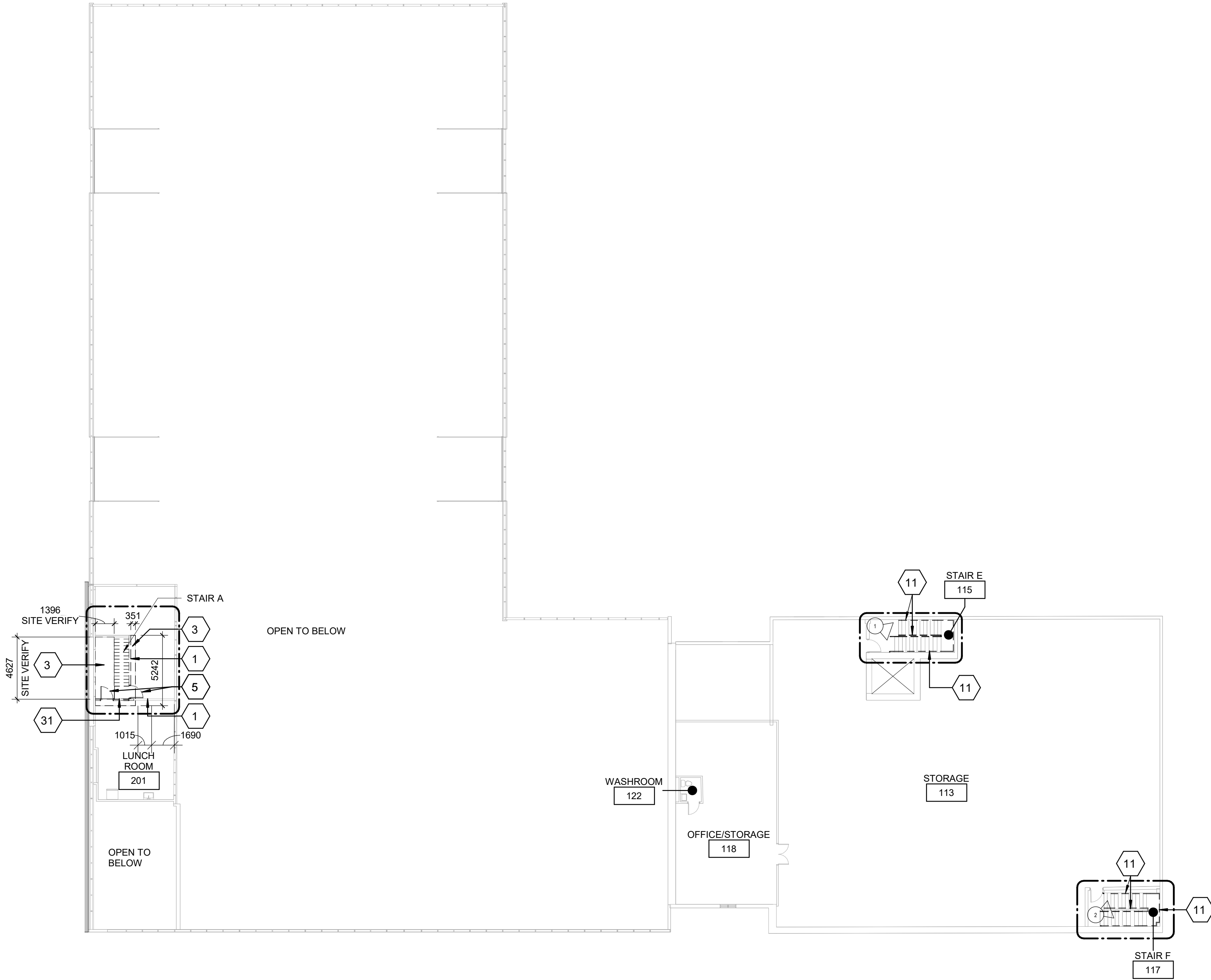




PHOTO 1 - STAIR E, ROOM 115



PHOTO 2 - STAIR F, ROOM 117



DEMOLITION KEY LEGEND

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

DEMOLITION GENERAL NOTES

- REMOVE EXISTING ELECTRICAL SWITCHES, RECEPTACLES, CARD READERS AND PULL STATIONS AS IDENTIFIED IN THE ELECTRICAL DRAWINGS. RE-ROUTE MECHANICAL & ELECTRICAL AS REQUIRED.
- 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

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1	REMOVE EXISTING WALL AND/OR COLUMN ENCLOSURE INCLUDING BUT NOT LIMITED TO TILE, CORNER GUARDS, METAL PANELS, WALL MOUNTED FIXTURES AND FINISHES AS INDICATED. PROVIDE SMOOTH TRANSITION BETWEEN SURFACES AT LOCATION OF DEMOLISHED AREA.
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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.
11	REMOVE EXISTING GUARDRAIL, HANDRAIL AND/OR HANDRAIL POST BASE. REPAIR AND MAKE GOOD ALL SURFACES.
31	REMOVE EXISTING DOOR, WINDOW AND FRAME TO ACCOMMODATE NEW.

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Tel: 416-679-1020
www.arcadis.com

PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**FINCH YARD - BLDG A
1026 FINCH AVE W**

PROJECT NO:
9119-19- 0162 / Arcadis 30279056

DRAWN BY:
**A. BOYNARIAN/ A.
KYASNIUK**

CHECKED BY:
L. BANDIERA

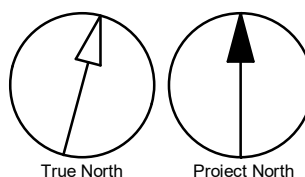
PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
E. FENUITA

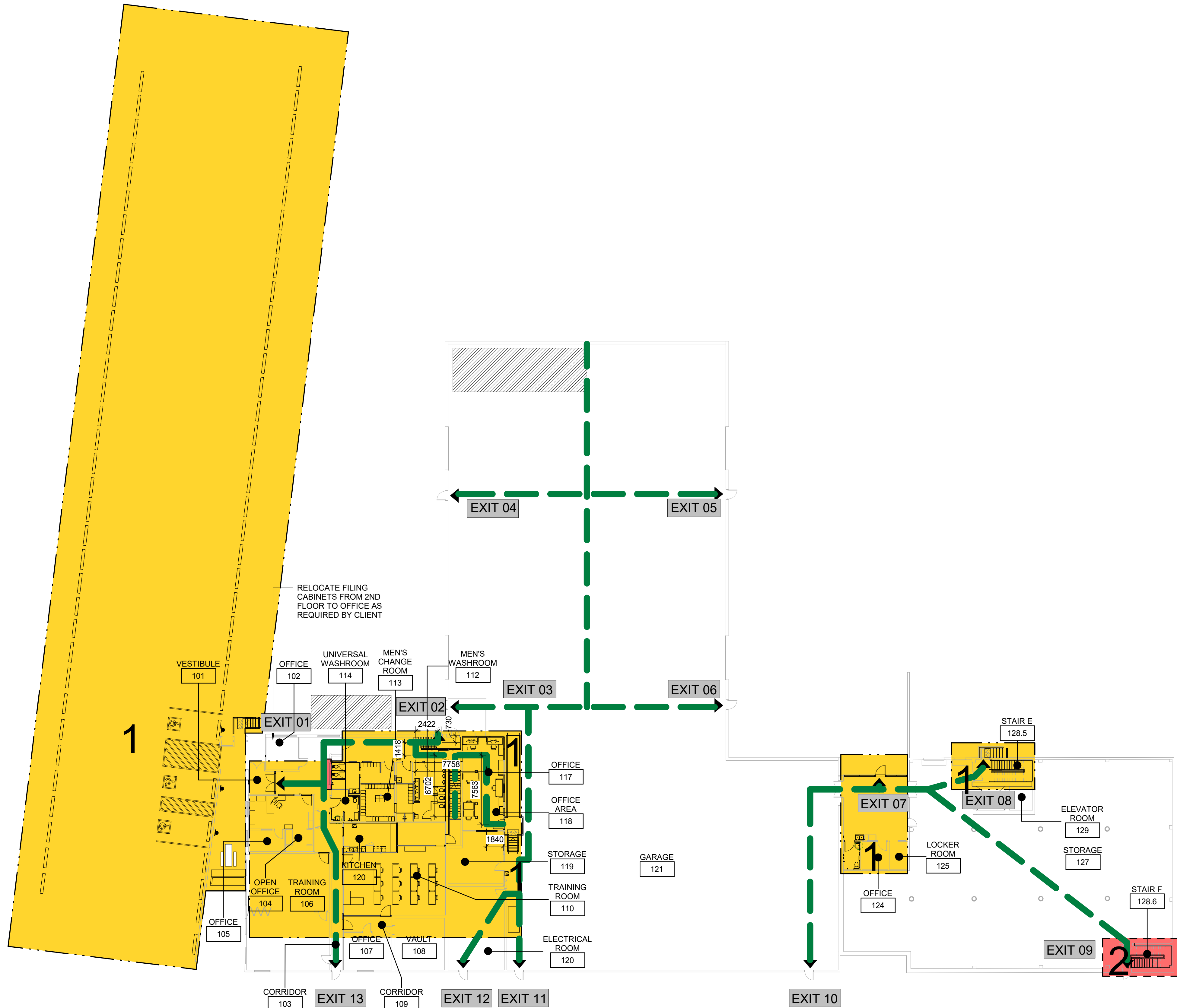
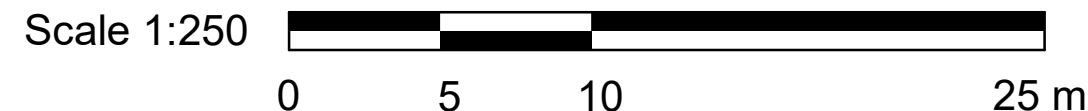
SHEET TITLE
**SECOND FLOOR OVERALL
DEMOLITION PLAN**

SHEET NUMBER
G05-010-A2021

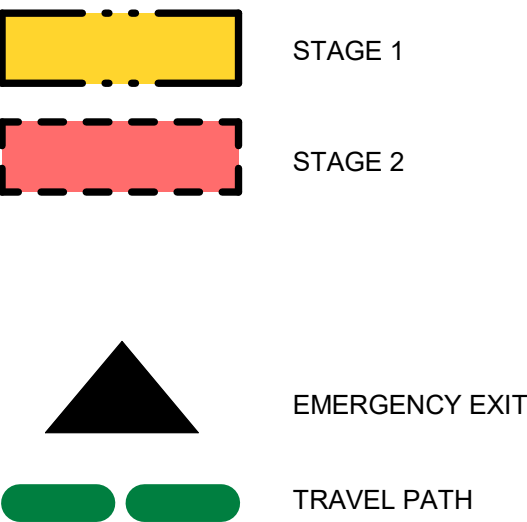
ISSUE
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CONSTRUCTION STAGING LEGEND



STAGING GENERAL NOTES

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

NOTE:

- STAGE 1 CANNOT BEGIN UNTIL OFFICE & LUNCH ROOM TRAILERS ARE ON SITE FOR STAFF IN OFFICE 117 & 118 & SECOND FLOOR.
- STAGE 2 CAN BEGIN FOLLOWING COMPLETION OF MUNICIPAL ELECTIONS (OCTOBER) AND CAN OVERLAP WITH STAGE 1. STAGE 2 CANNOT BEGIN UNTIL WASHROOM & SHOWER FACILITIES ARE ON SITE.
- STAIR MODIFICATIONS CAN OVERLAP OTHER STAGES AS LONG AS THERE IS NO OVERLAP BETWEEN EGRESS STAIRS.

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B	90% SUBMISSION	2022-02-22
C	ISSUED FOR PERMIT	2022-03-18
E	RE-ISSUED FOR PERMIT	2022-06-22
D	ISSUED FOR TENDER	2025-04-11

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Toronto, ON M5W 1C8, Canada
Tel: 416-679-1020
www.arcadis.com

PROJECT TITLE

**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

**FINCH YARD - BLDG A
1026 FINCH AVE W**

PROJECT NO:

9119-19- 0162 / Arcadis 30279056

DRAWN BY:

**A. BOYNARIAN/ A.
KVASNIUK**

CHECKED BY:

L. BANDIERA

PROJECT MGR:

F. BOLOURIAN

APPROVED BY:

E. FENUTA

SHEET TITLE

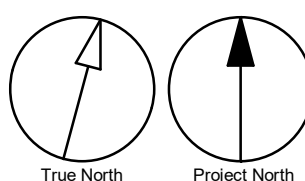
FIRST FLOOR STAGING PLAN

SHEET NUMBER

G05-010-A2111

ISSUE

E

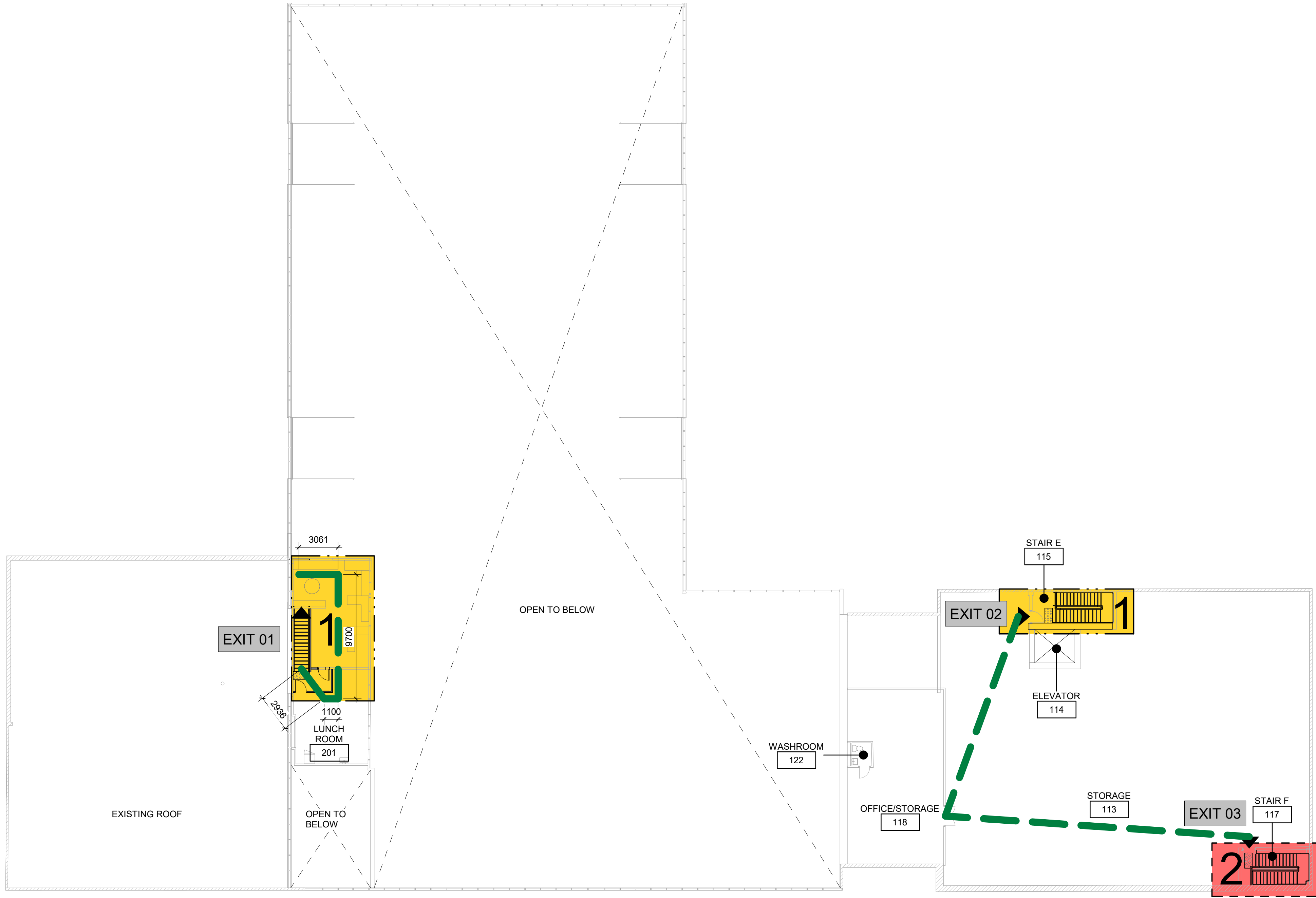


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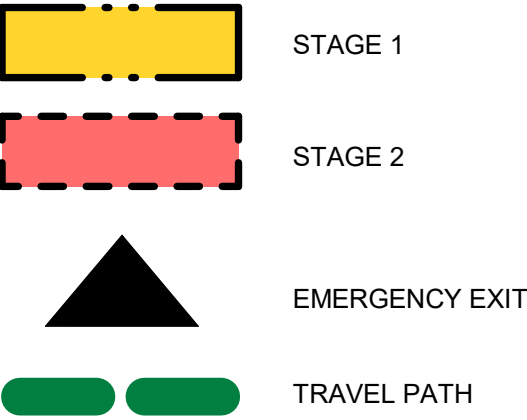
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SCALE CHECK
1 in

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CONSTRUCTION STAGING LEGEND



STAGING GENERAL NOTES

- 1 EXISTING FACILITY WILL REMAIN PARTIALLY OPERATIONAL DURING CONSTRUCTION. CONSTRUCTION WORK CANNOT IMPACT FACILITY OPERATION WITHOUT FIRST NOTIFYING AND CONSULTING WITH THE OWNER.
- 2 ALL STAGES ARE TO BE COMPLETED IN SEQUENTIAL ORDER.
- 3 IF AN EXIT WILL BE BLOCKED DUE TO CONSTRUCTION, THE GC IS TO PROVIDE A TEMPORARY EXIT LOCATION THAT IS APPROVED BY THE ARCHITECT AND THE FIRE DEPARTMENT. SHOULD THE WORK BE ABLE TO BE COMPLETED OVER THE COURSE OF A WEEKEND OR AFTER HOURS, THE GC IS TO OBTAIN APPROVAL FROM THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.
- 4 IF EXISTING FIRE ALARM SYSTEM NEEDS TO BE TEMPORARILY INTERRUPTED TO COMPLETE THE WORK, A FULL TIME FIRE WATCH SHALL BE PROVIDED.
- 5 CONTRACTOR SHALL ALLOW FOR THE FOLLOWING:
A) TEMPORARY SIGNAGE
B) TEMPORARY ACCESS WITH ACCESSIBLE RAMPS AS REQUIRED BY ONTARIO REGULATION 19/11 80.13.
- 6 ALL STAGING INCLUDES BOTH DEMOLITION AND NEW SCOPE OF WORK.
- 7 PROVIDE AND MODIFY CONSTRUCTION BARRIER/SIGNAGE ETC. TO SUIT SITE CONDITION AND CONSTRUCTION SEQUENCE.
- 8 WORK LISTED IN STAGES IS FOR REFERENCE ONLY. 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.
- 9 FOR ALL OTHER REQUIREMENTS - REFER TO SPECIFICATIONS.
- 10 KEEP EXITS CLEAR FROM OBSTRUCTIONS DURING CONSTRUCTION.

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D	ISSUED FOR TENDER	2025-04-11

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PRIME CONSULTANT

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Tel: 416-679-1520
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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**FINCH YARD - BLDG A
1026 FINCH AVE W**

PROJECT NO:
9119-19- 0162 / Arcadis 30279056

DRAWN BY:
**A. BOYNARIAN/ A.
KYASNIUK**

CHECKED BY:
L. BANDIERA

PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
E. FENUTA

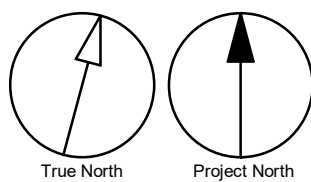
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**SECOND FLOOR STAGING
PLAN**

SHEET NUMBER

G05-010-A2121

ISSUE

D



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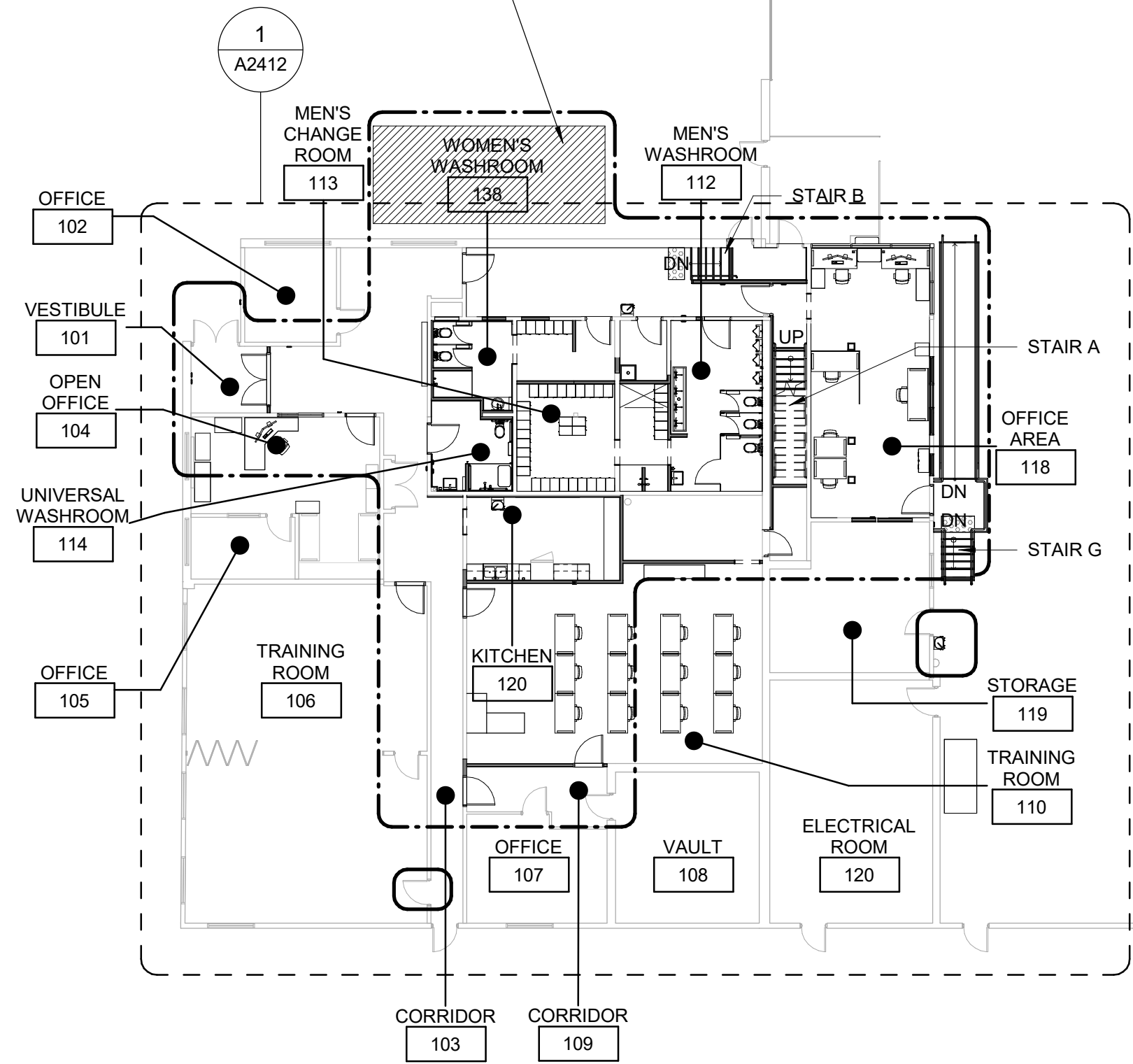
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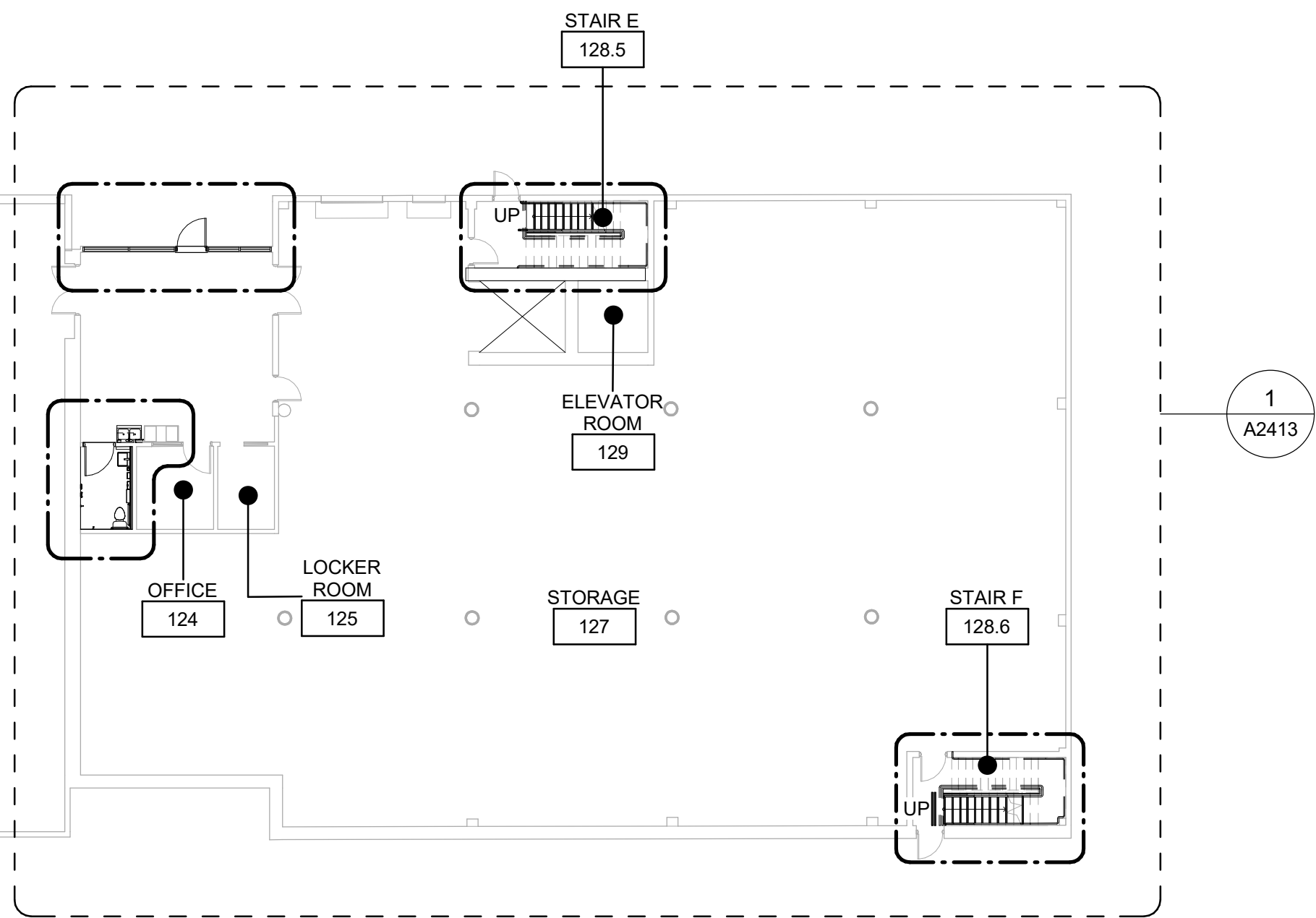
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STAGING AREA FOR TEMP. OFFICE TRAILER 10 PEOPLE, KITCHEN/LUNCH ROOM, WASHROOM TRAILER WITH 5-6 MALE FIXTURES, 1-2 FEMALE FIXTURES & 1 SHOWER. ALSO INCLUDE TRAILER FOR 10 EXISTING LOCKERS FROM CHANGE ROOM TO BE RELOCATED INTO.



GARAGE
121



CONSTRUCTION KEY LEGEND

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

CONSTRUCTION GENERAL NOTES

- NEW DOOR CARD READER AND BARRIER FREE PUSH BUTTON TO BE COORDINATED WITH ELECTRICAL DRAWINGS FOR LOCATION AND HEIGHT INSTALLATION REFER TO ARCHITECTURAL DETAIL BOOKLET.
- REROUTE ELECTRICAL SERVICES FROM EXISTING TO NEW LOCATION. REINSTALL ALL ELECTRICAL SWITCHES, RECEPTACLES, CARD READERS AND PULL STATIONS AT ACCESSIBLE HEIGHT AS IDENTIFIED IN THE ELECTRICAL DRAWINGS.
- REPAINT ENTIRE WALL AFTER WALL-MOUNTED HANDRAIL REPLACEMENT – UNLESS OTHERWISE NOTED. COLOUR AND FINISH TO MATCH EXISTING

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ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

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1026 FINCH AVE W**

PROJECT NO:

9119-19- 0162 / Arcadis 30279056

DRAWN BY:

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KYASNIUK**

CHECKED BY:

L. BANDIERA

PROJECT MGR:

F. BOLOURIAN

APPROVED BY:

E. FENUTA

SHEET TITLE

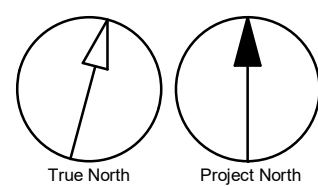
**FIRST FLOOR OVERALL
PROPOSED PLAN**

SHEET NUMBER

G05-010-A2411

ISSUE

D

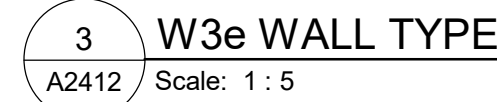
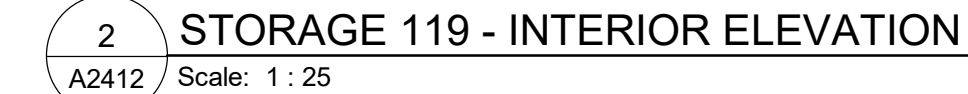


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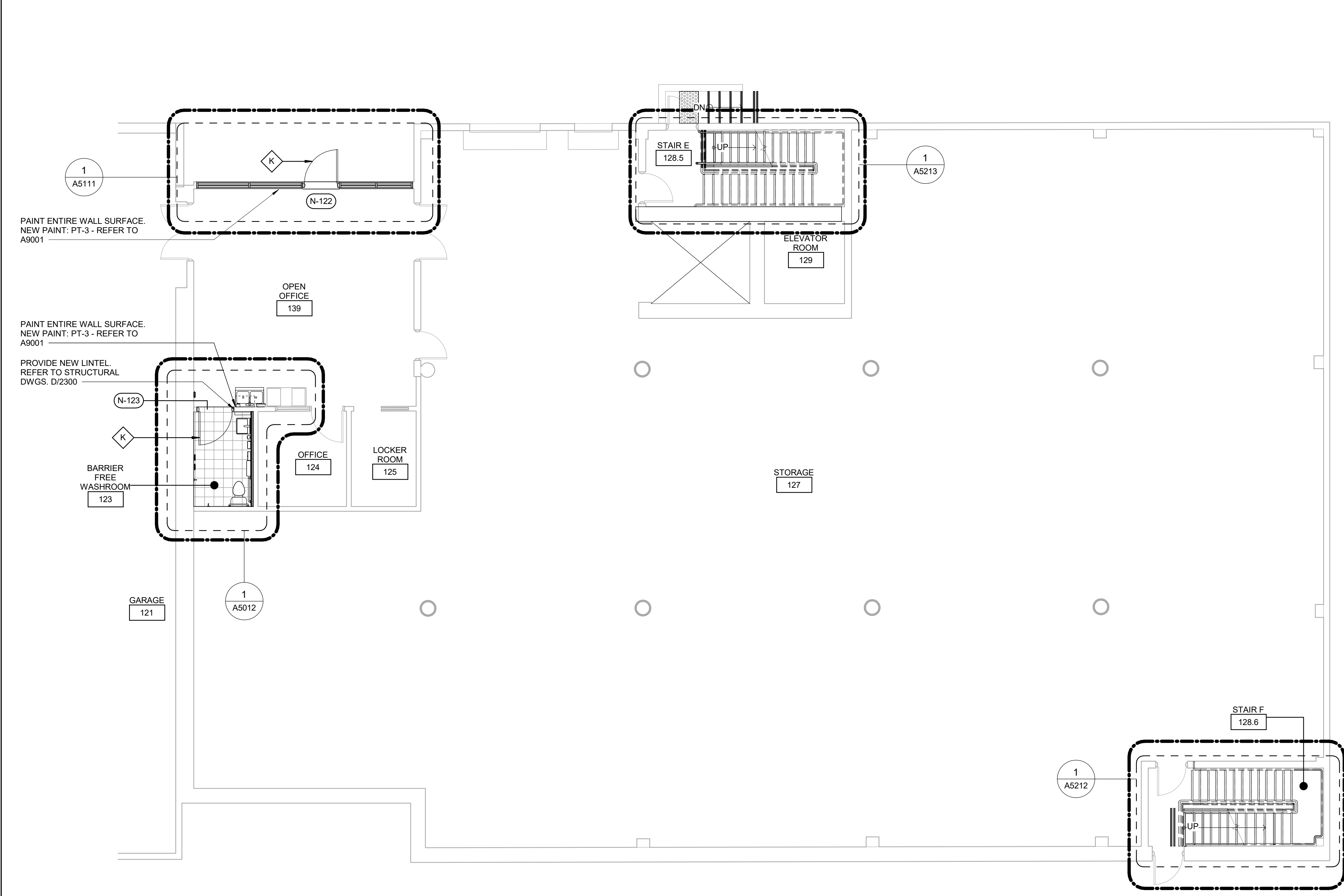
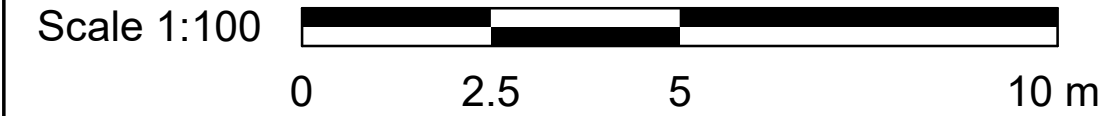
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SCALE CHECK
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CONSTRUCTION KEY LEGEND

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

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CONSTRUCTION KEY NOTES

NO	DESCRIPTION
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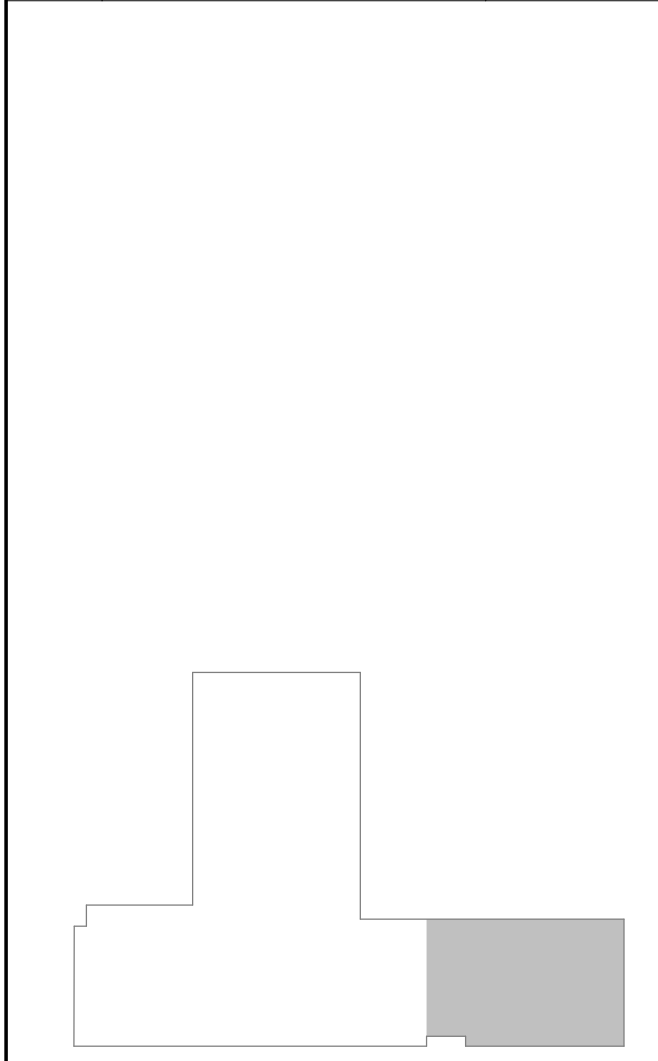
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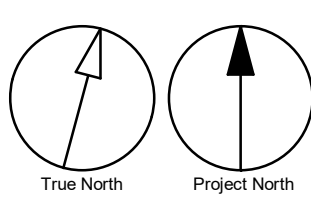
PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**FINCH YARD - BLDG A
1026 FINCH AVE W**

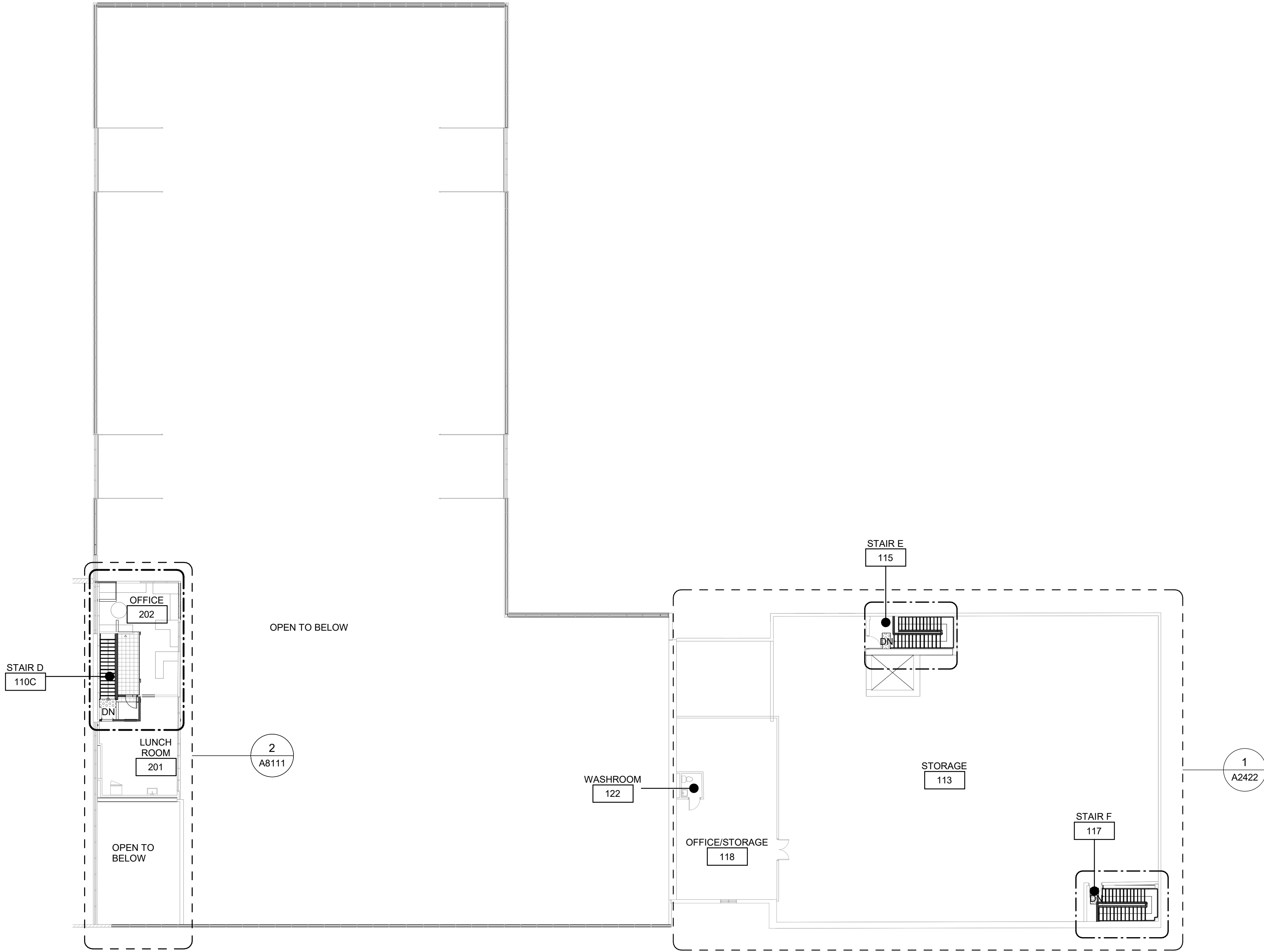
PROJECT NO: 9119-19- 0162 / Arcadis 30279056	
DRAWN BY: A. BOYNARIAN/ A. KYASNIUK	CHECKED BY: L. BANDIERA
PROJECT MGR: F. BOLOURIAN	APPROVED BY: E. FENUTA

SHEET TITLE
**FIRST FLOOR PROPOSED
PLAN - EAST**

SHEET NUMBER G05-010-A2413	ISSUE D
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Scale 1:200



CONSTRUCTION KEY LEGEND

- EXISTING EXTERIOR WALL TO REMAIN
- EXISTING PARTITION TO REMAIN
- EXISTING DOOR TO REMAIN
- DASHED AREA INDICATES AREA OF WORK

CONSTRUCTION GENERAL NOTES

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PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

FINCH YARD - BLDG A
1026 FINCH AVE W

PROJECT NO:

9119-19- 0162 / Arcadis 30279056

DRAWN BY:

A. BOYNARIAN/ A.
KYASNIUK

CHECKED BY:

L. BANDIERA

PROJECT MGR:

F. BOLOURIAN

APPROVED BY:

E. FENUTA

SHEET TITLE

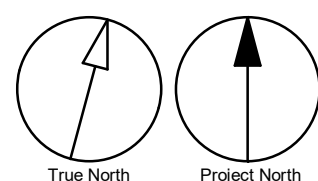
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PROPOSED PLAN

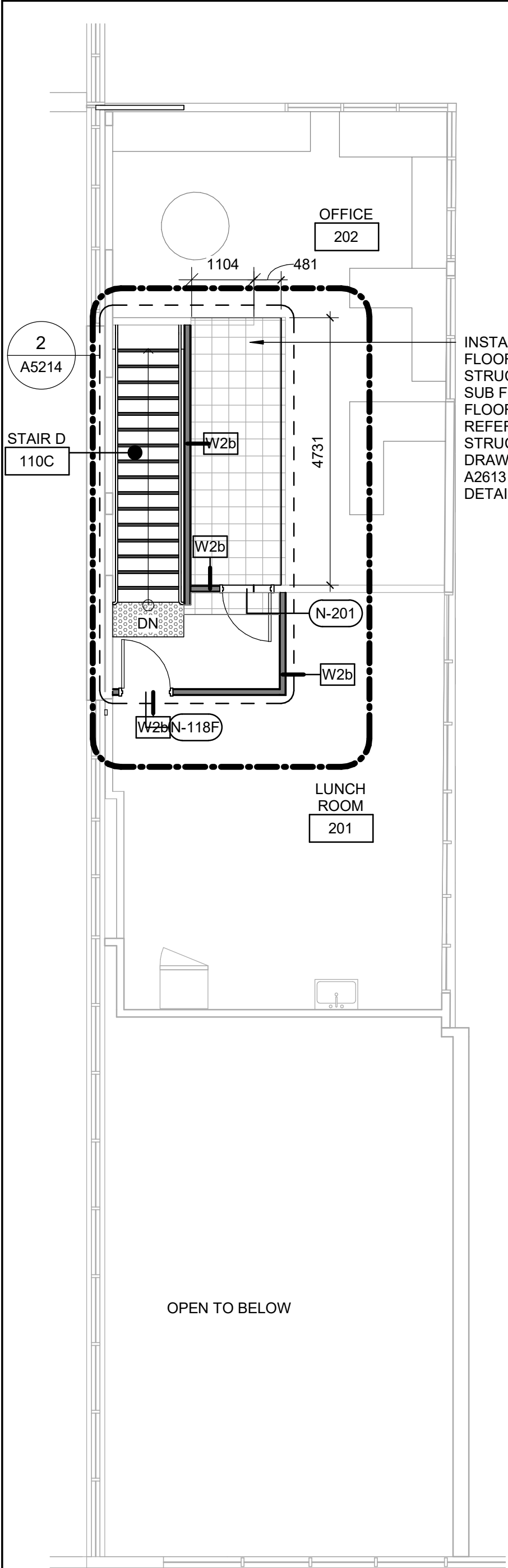
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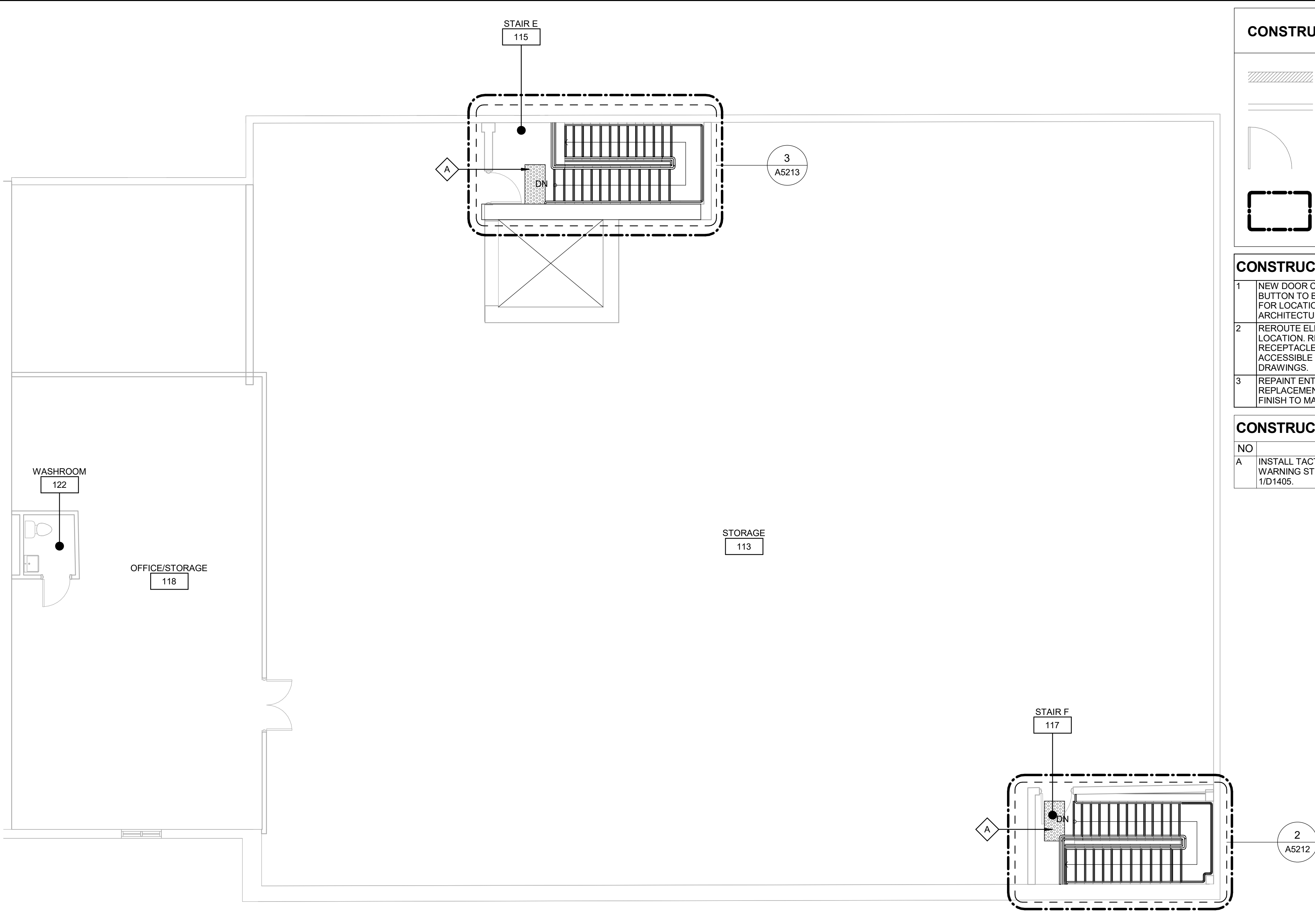
ISSUE

D





2 SECOND FLOOR PROPOSED - WEST
A2422 Scale: 1 : 75



1 SECOND FLOOR PROPOSED - EAST
A2422 Scale: 1 : 75

CONSTRUCTION KEY LEGEND

- EXISTING EXTERIOR WALL TO REMAIN
- EXISTING PARTITION TO REMAIN
- EXISTING DOOR TO REMAIN
- DASHED AREA INDICATES AREA OF WORK

CONSTRUCTION GENERAL NOTES

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CONSTRUCTION KEY NOTES

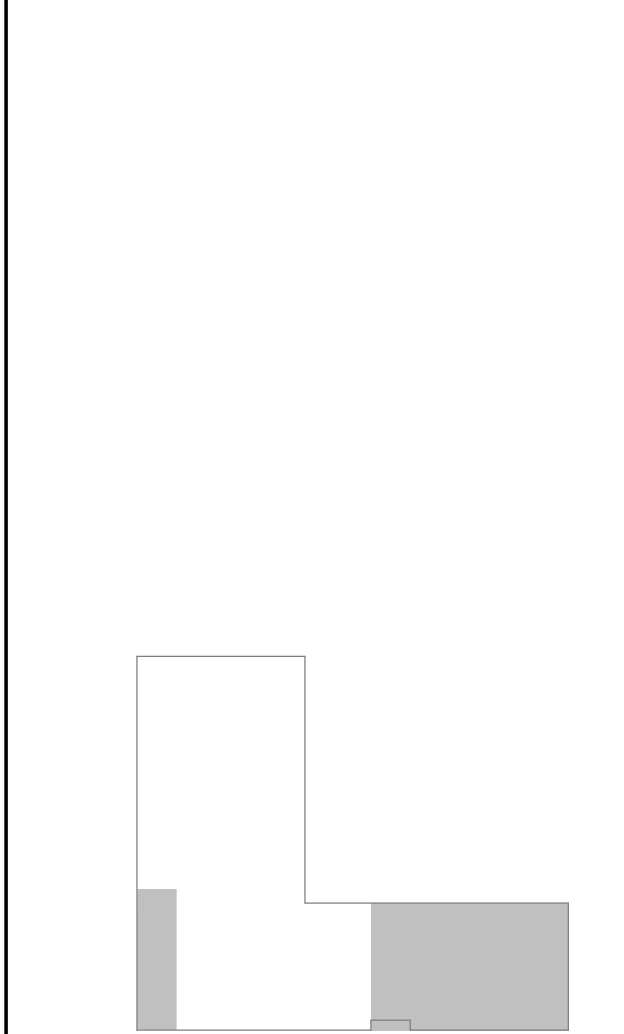
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| A | INSTALL TACTILE ATTENTION INDICATOR AND TACTILE WARNING STRIP - REFER TO TYPICAL DETAILS 1/D1402 AND 1/D1405. |

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ACCESSIBILITY UPGRADES

PROJECT ADDRESS
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1026 FINCH AVE W

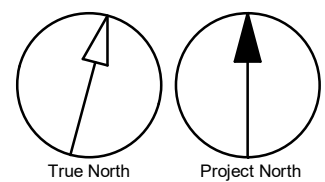
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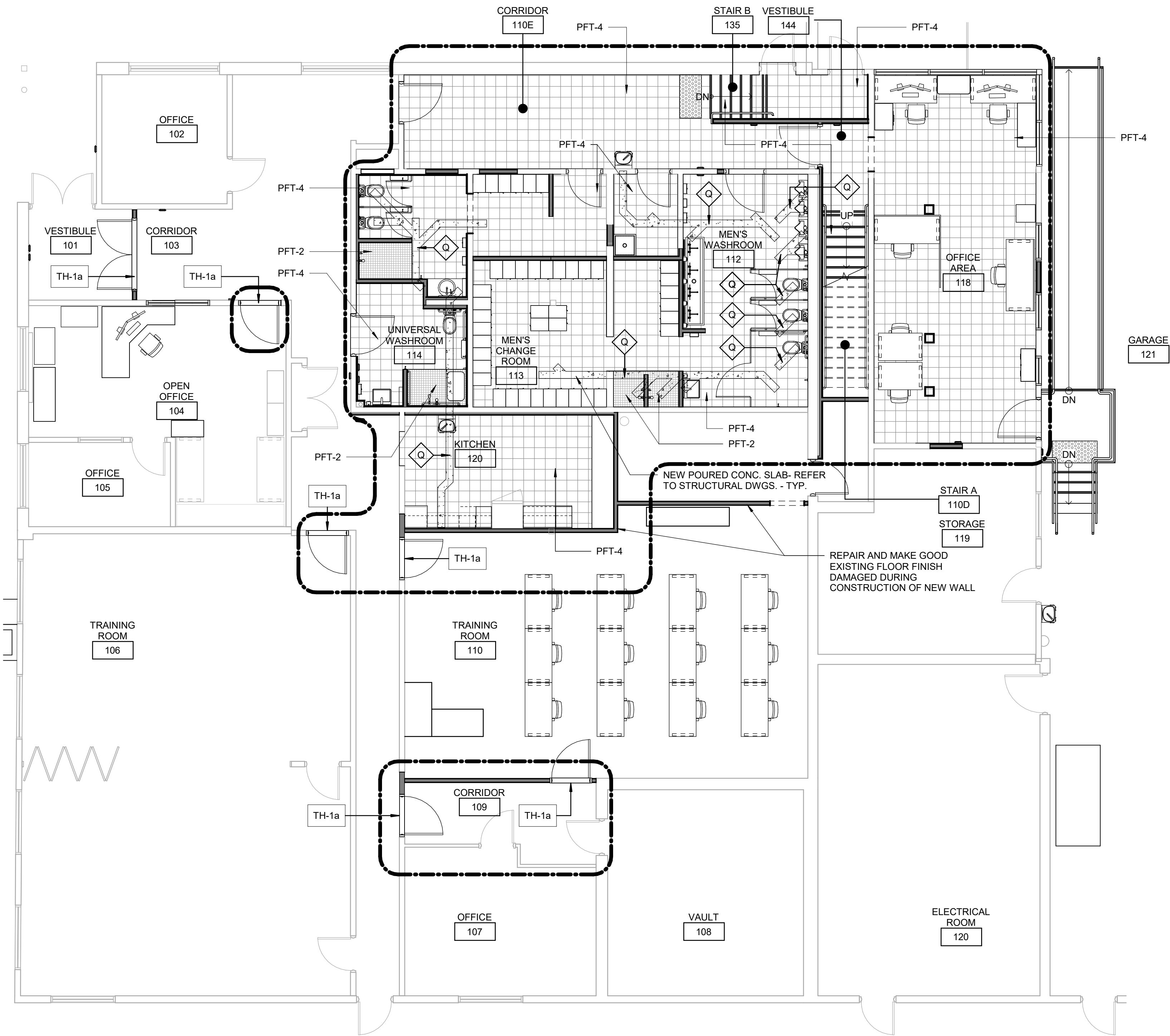
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PROJECT MGR: F. BOLOURIAN	APPROVED BY: E. FENUTA

SHEET TITLE
SECOND FLOOR PROPOSED
ENLARGED PLANS

SHEET NUMBER
G05-010-A2422

ISSUE
D





FLOOR FINISHES LEGEND

- PORCELAIN TILE
- PORCELAIN TILE
- DASHED AREA INDICATES AREA OF WORK

FLOOR FINISH GENERAL NOTES

- FLOOR FINISH PLANS TO BE READ IN CONJUNCTION WITH ROOM FINISH SCHEDULE AND SPECIFICATIONS.
- CARPET TILE TO BE INSTALLED PRIOR TO INSTALLATION OF SYSTEMS FURNITURE.
- PROTECT ALL NEW AND EXISTING FLOOR FINISHES WITH PLYWOOD SHEETS ANYWHERE OTHER CONSTRUCTION WORK IS STILL ONGOING.
- PERIMETER COLUMNS AND WALLS TO RECEIVE BASE AS PER SPECIFICATIONS FOR THAT AREA.
- WHERE A CHANGE OF MATERIAL THICKNESS OCCURS, PROVIDE THRESHOLD AS PER DETAILS AND SPECIFICATIONS.
- PROVIDE REPLACEMENT FLOOR FINISH TO MATCH EXISTING FOR ANY FLOORING DAMAGED DUE TO WORK OF THIS PROJECT.

CONSTRUCTION KEY NOTES

NO	DESCRIPTION
Q	PATCH, REPAIR AND MAKE GOOD EXISTING FLOOR SLAB.

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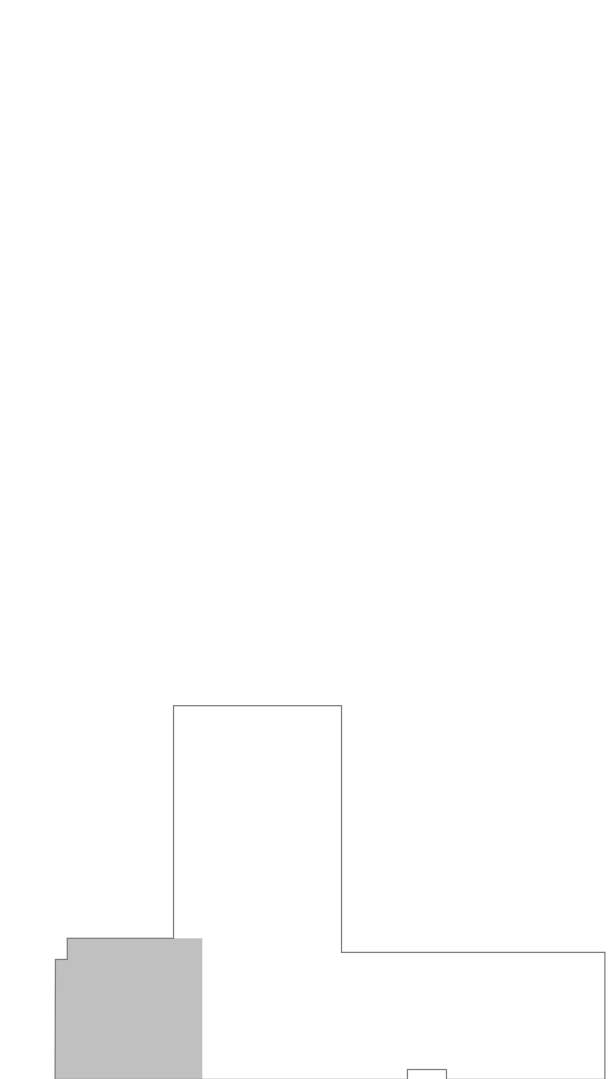
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PROJECT TITLE
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ACCESSIBILITY UPGRADES

PROJECT ADDRESS
FINCH YARD - BLDG A
1026 FINCH AVE W

PROJECT NO:
9119-19- 0162 / Arcadis 30279056

DRAWN BY:
A. BOYNARIAN/ A.
KYASNIUK

CHECKED BY:
L. BANDIERA

PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
E. FENUA

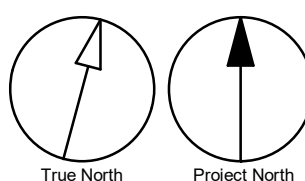
SHEET TITLE
FIRST FLOOR FINISH PLAN -
WEST

SHEET NUMBER

G05-010-A2611

ISSUE

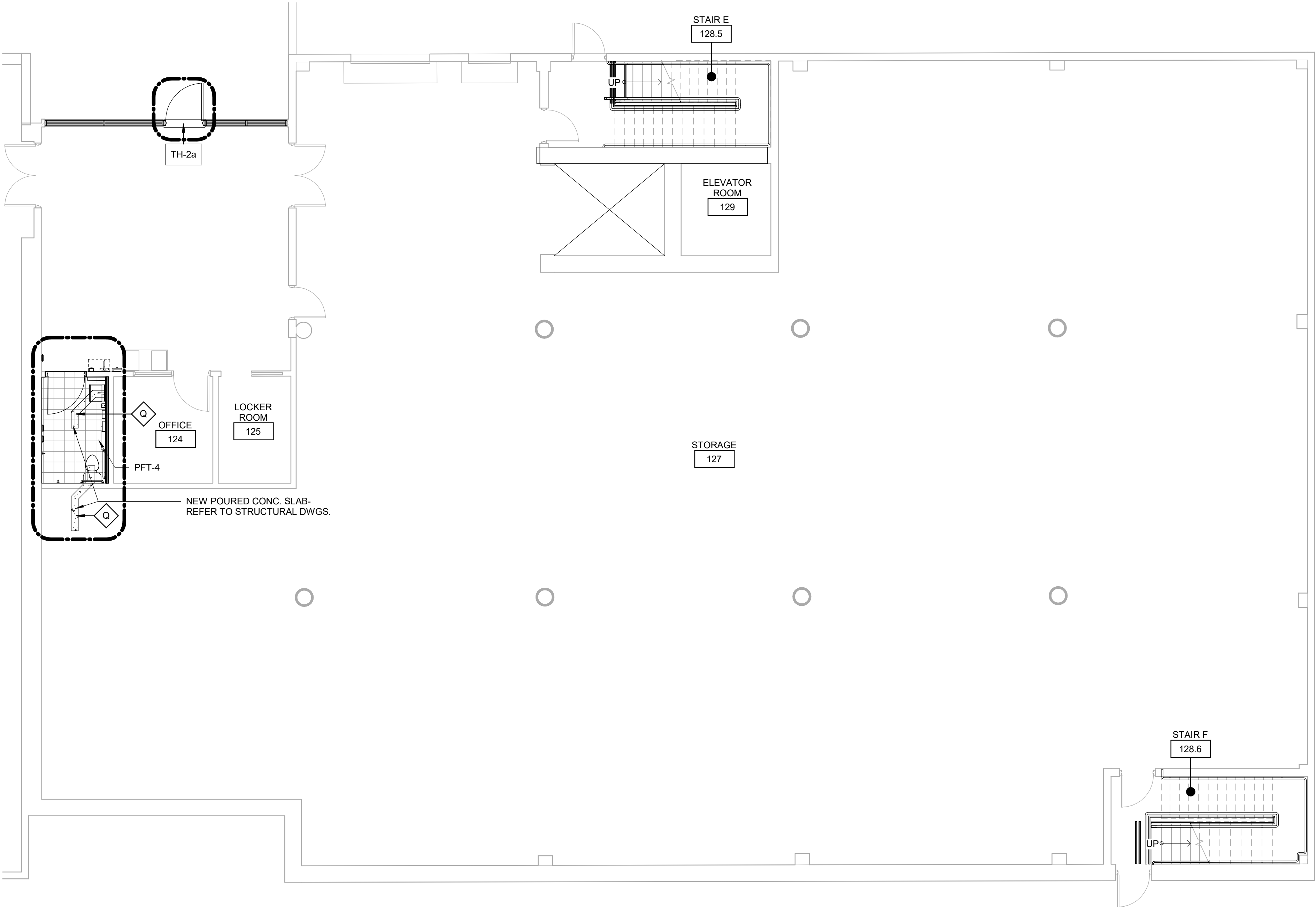
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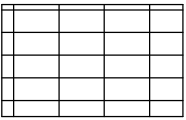
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FLOOR FINISHES LEGEND



PORCELAIN TILE



DASHED AREA INDICATES
AREA OF WORK

FLOOR FINISH GENERAL NOTES

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CONSTRUCTION KEY NOTES

NO	DESCRIPTION
Q	PATCH, REPAIR AND MAKE GOOD EXISTING FLOOR SLAB.

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Project Management Office
Metro Hall Toronto, ON
MSV 3C6

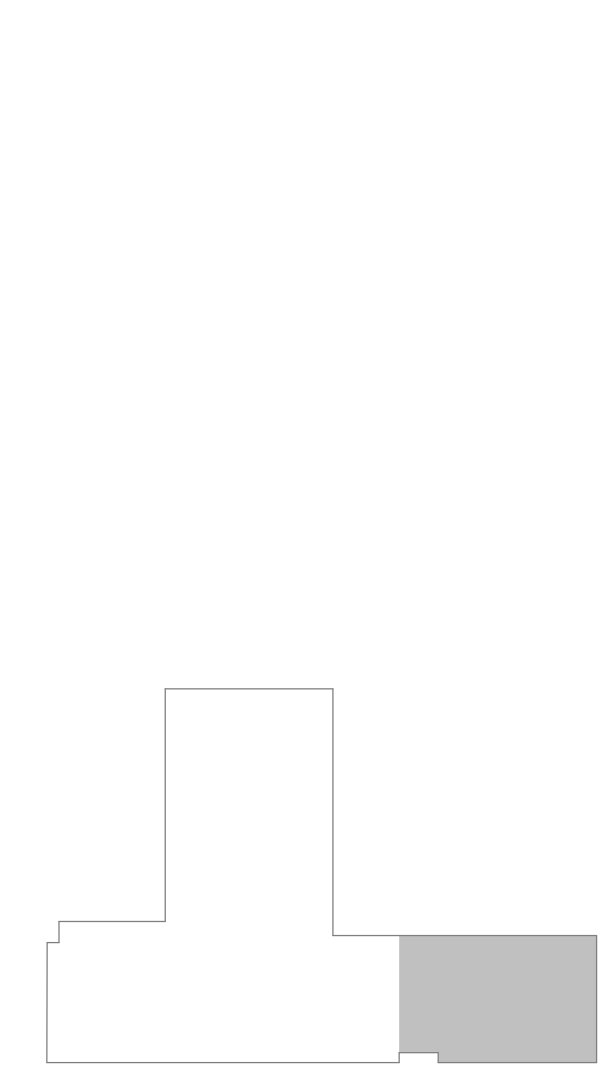
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PROJECT TITLE

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ACCESSIBILITY UPGRADES

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1026 FINCH AVE W

PROJECT NO:

9119-19- 0162 / Arcadis 30279056

DRAWN BY:

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KYASNIUK

PROJECT MGR:

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CHECKED BY:

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E. FENUTA

SHEET TITLE

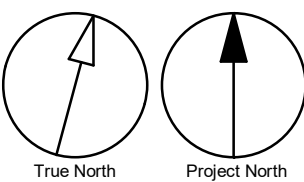
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EAST

SHEET NUMBER

G05-010-A2612

ISSUE

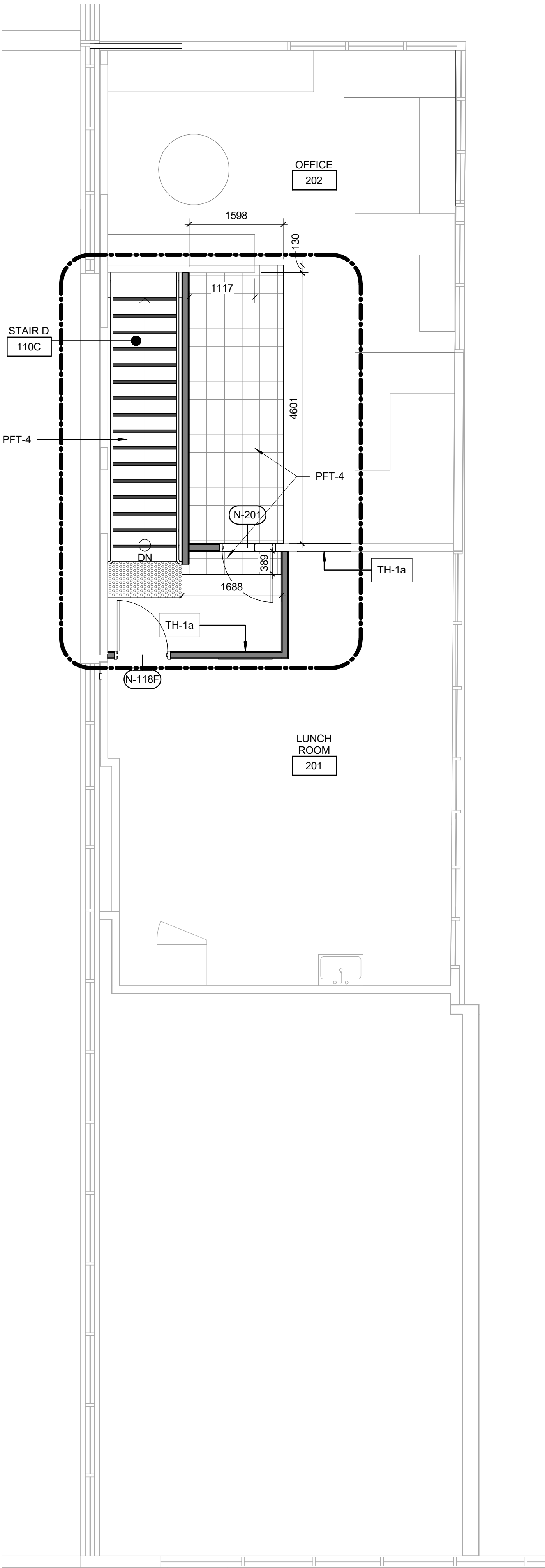
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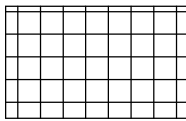
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Autodesk Docs // 122260 - Cot TAU Upgrades R2024122260-5-10-1026FINCH_A-A-R20.rvt 1/11



FLOOR FINISHES LEGEND



PORCELAIN TILE



DASHED AREA INDICATES
AREA OF WORK

FLOOR FINISH GENERAL NOTES

- 1 FLOOR FINISH PLANS TO BE READ IN CONJUNCTION WITH ROOM FINISH SCHEDULE AND SPECIFICATIONS.
- 2 CARPET TILE TO BE INSTALLED PRIOR TO INSTALLATION OF SYSTEMS FURNITURE.
- 3 PROTECT ALL NEW AND EXISTING FLOOR FINISHES WITH PLYWOOD SHEETS ANYWHERE OTHER CONSTRUCTION WORK IS STILL ONGOING.
- 4 PERIMETER COLUMNS AND WALLS TO RECEIVE BASE AS PER SPECIFICATIONS FOR THAT AREA.
- 5 WHERE A CHANGE OF MATERIAL THICKNESS OCCURS, PROVIDE THRESHOLD AS PER DETAILS AND SPECIFICATIONS.
- 6 PROVIDE REPLACEMENT FLOOR FINISH TO MATCH EXISTING FOR ANY FLOORING DAMAGED DUE TO WORK OF THIS PROJECT.

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B	90% SUBMISSION	2022-02-22
C	ISSUED FOR PERMIT	2022-03-18
D	ISSUED FOR TENDER	2025-04-11

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PRIME CONSULTANT



100 - 175 Galloway Blvd.
Toronto, ON M6W 0C8, Canada
tel 416-679-1520
www.arcadis.com

PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**FINCH YARD - BLDG A
1026 FINCH AVE W**

PROJECT NO:
9119-19- 0162 / Arcadis 30279056

DRAWN BY:
A. KVASNIUK

CHECKED BY:
L. BANDIERA

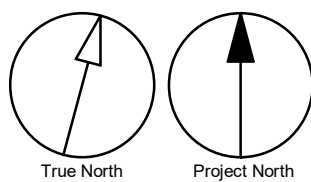
PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
E. FENUTA

SHEET TITLE
**SECOND FLOOR FINISH PLAN
- WEST**

SHEET NUMBER
G05-010-A2613

ISSUE
D

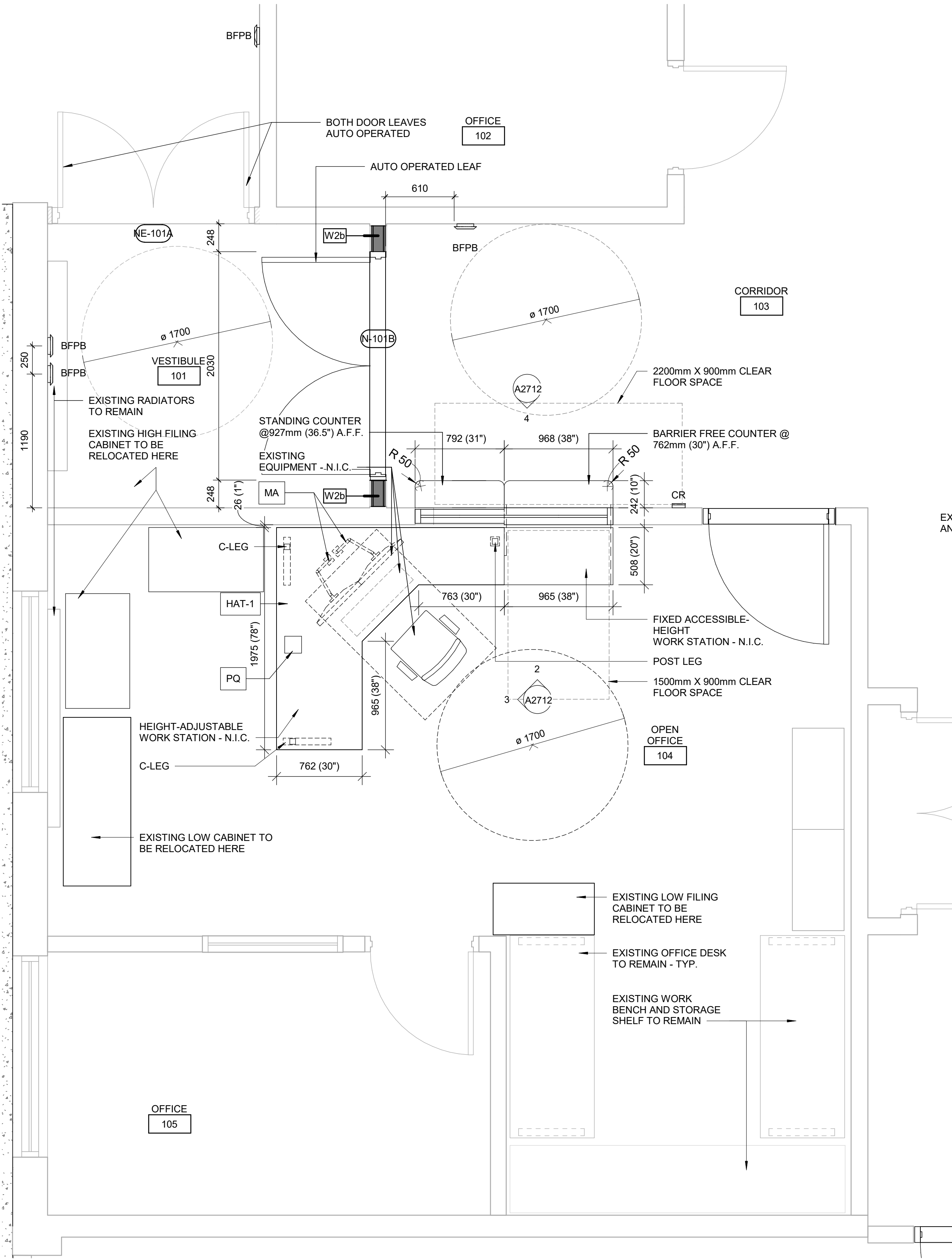


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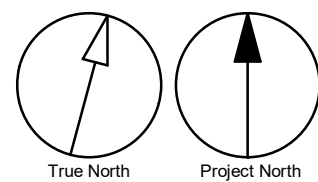
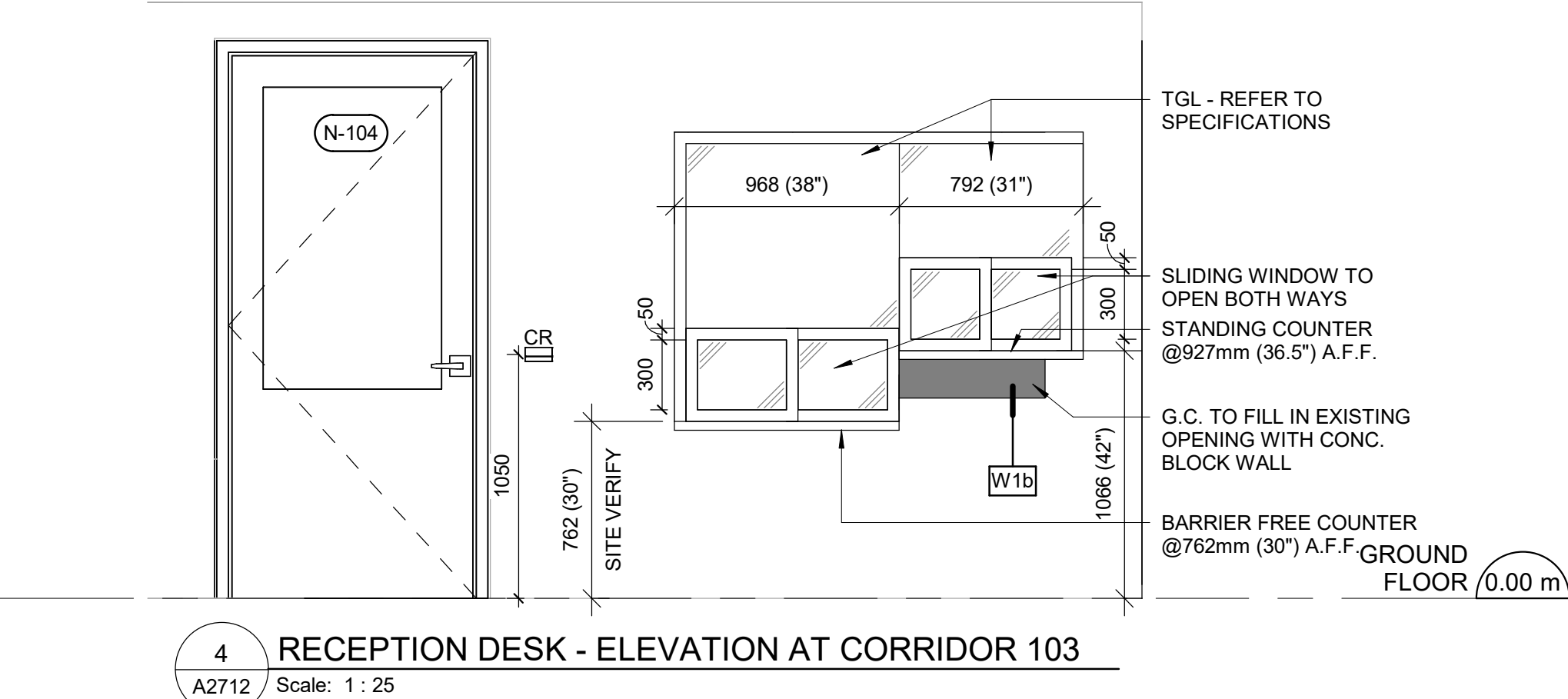
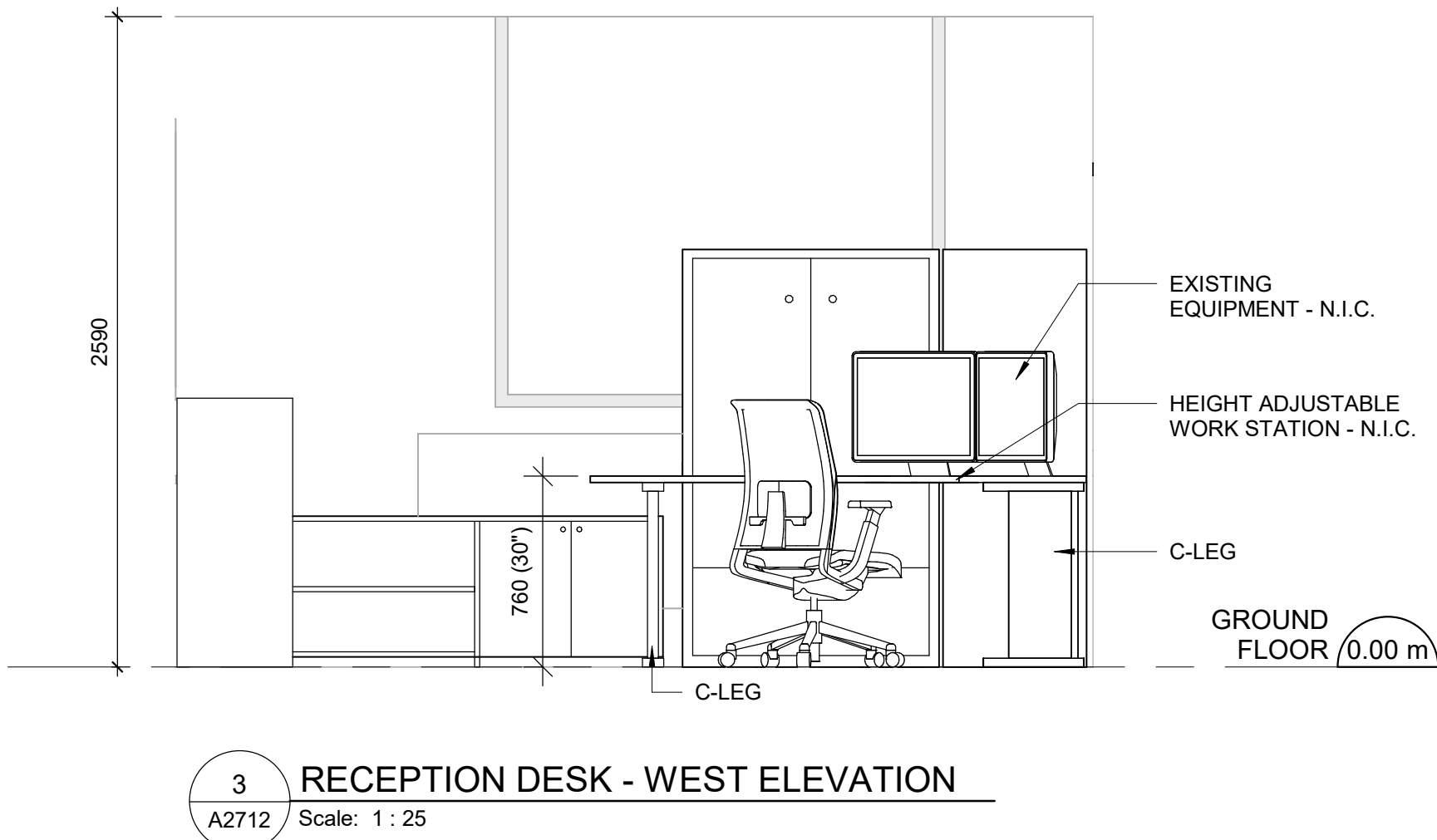
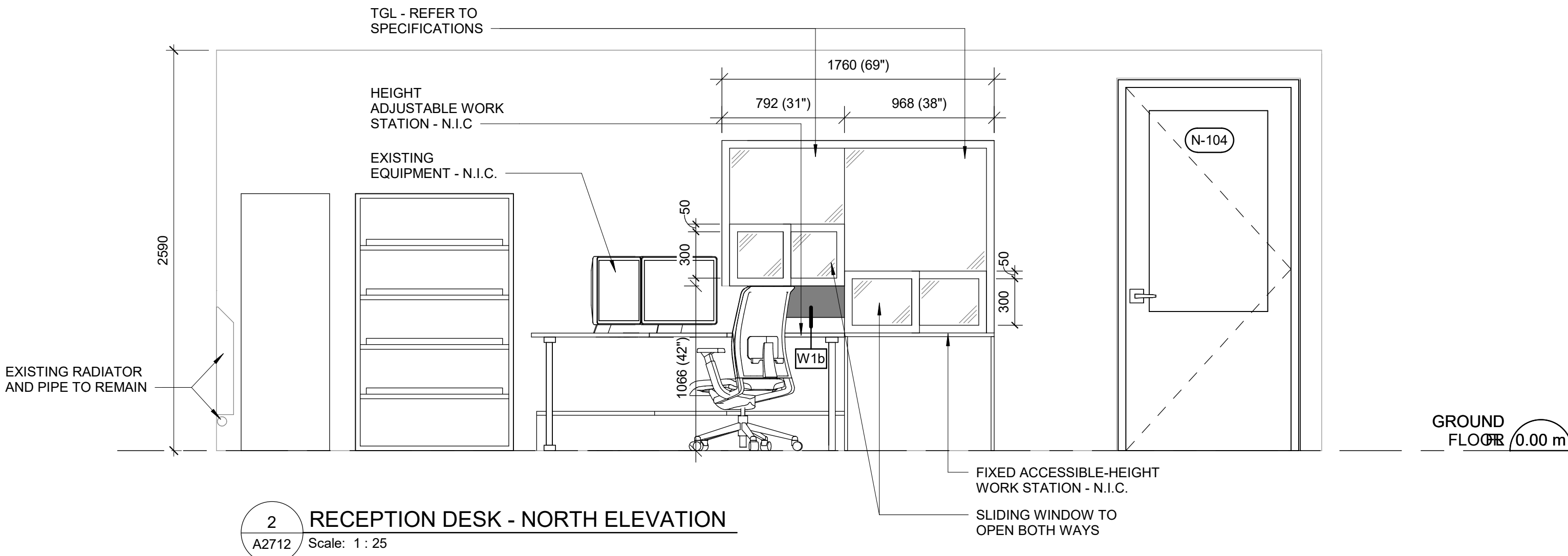


No.	DESCRIPTION	DATE
A	50% SUBMISSION	2021-11-19
B	90% SUBMISSION	2022-02-22
C	ISSUED FOR PERMIT	2022-03-18
D	ISSUED FOR TENDER	2025-04-11



TORONTO WATER OFFICE RECEPTION DESK FF+E SCHEDULE				
TAG	ROOM NO.	DESCRIPTION	QTY.	REMARKS
HAT-1	104	HEIGHT ADJUSTABLE COMPLETE TABLE, EXTENDED ELECTRICAL (22.6"-48.7"), 23"D A X 23"D B X 70" W A X 70"W B	1	PLASTIC LAMINATE DESK TOP - STORM WHITE WITH SILVER DESK LEGS
PQ	104	POWER QUBE, QUAD - 3 POWER/ 2 USB/ 0 DATA, DESK EDGE CLAMP, 120"L, PLUG-IN	1	
MA	104	MONITOR ARM, SINGLE, SMART CLAMP	2	

NOTE: SUPPLY, INSTALLATION AND CONNECTION OF FURNITURE IS N.I.C., PROVISION OF POWER/TEL/DATA IS IN CONTRACT. REFER TO ELECTRICAL DRAWINGS FOR REQUIREMENTS. G.C. TO COORDINATE FURNITURE DELIVERY AND INSTALLATION IN COORDINATION WITH THE CONSTRUCTION SCHEDULE, AND TIMELINES FOR COMPLETIONS OF THE WORK IN THE ROOM/ AREAS WHERE THE FURNITURE IS SPECIFIED TO BE INSTALLED



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B	90% SUBMISSION	2022-02-22
C	ISSUED FOR PERMIT	2022-03-18
E	RE-ISSUED FOR PERMIT	2022-06-22
D	ISSUED FOR TENDER	2025-04-11

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Toronto, ON M5W 0C8, Canada
Tel: 416-679-1520
www.arcadis.com

PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

FINCH YARD - BLDG A
1026 FINCH AVE W

PROJECT NO:

9119-19- 0162 / Arcadis 30279056

DRAWN BY:

A. BOYNARIAN/ A. KYASNIUK

CHECKED BY:

L. BANDIERA

PROJECT MGR:

F. BOLOURIAN

APPROVED BY:

E. FENUTA

SHEET TITLE

FURNITURE PLAN -TORONTO
WATER OFFICE RECEPTION
DESK

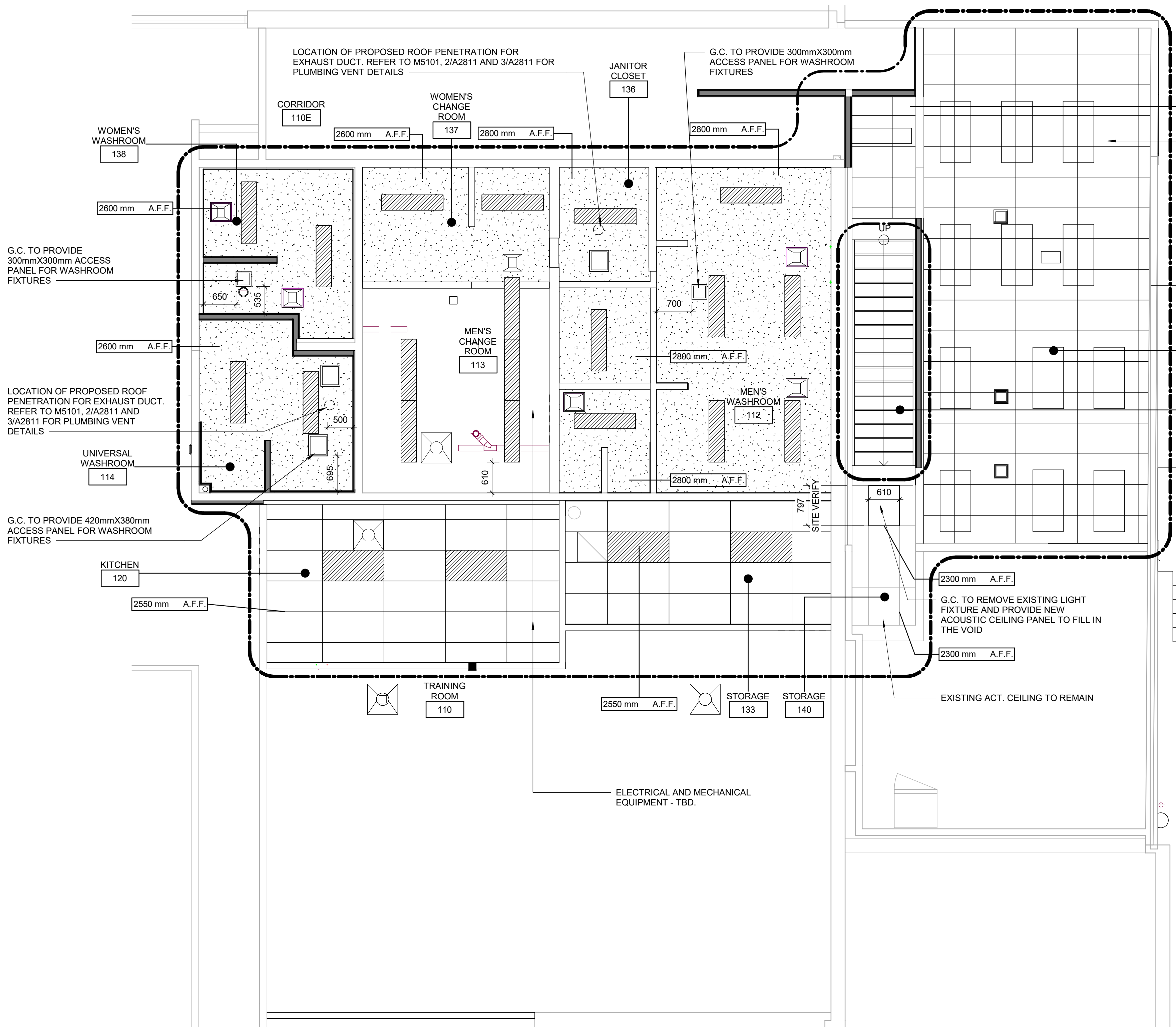
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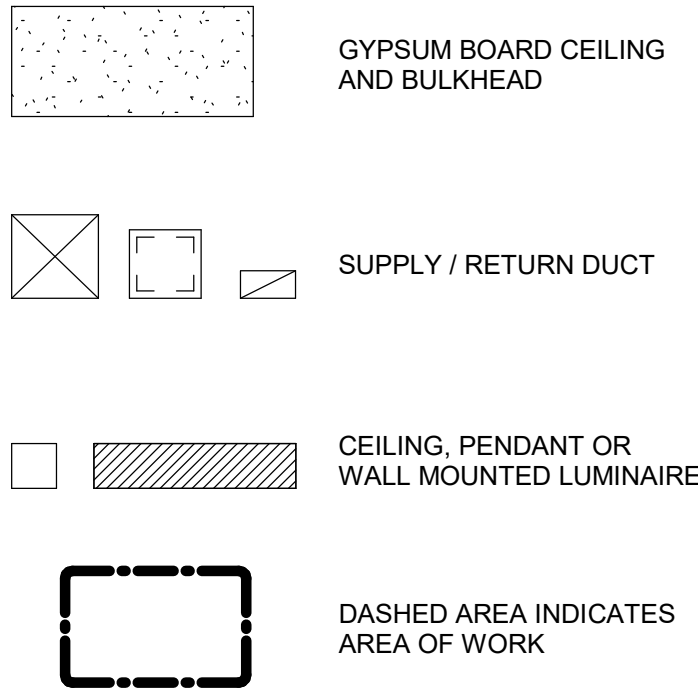
ISSUE

E

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CEILING LEGEND



CEILING GENERAL NOTES

- FOR LOCATION OF ELECTRICAL FIXTURES INCLUDING EXIT SIGNS. REFER TO ELECTRICAL DRAWINGS.
- FOR LOCATION & TYPE OF MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS.
- PROPOSED CEILING HEIGHT TO MATCH EXISTING, UNLESS OTHERWISE NOTED.

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D	ISSUED FOR TENDER	2025-04-11

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PROJECT TITLE
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ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**FINCH YARD - BLDG A
1026 FINCH AVE W**

PROJECT NO:
9119-19- 0162 / Arcadis 30279056

DRAWN BY:
**A. BOYNARIAN / A.
KYASNIUK**

CHECKED BY:
L. BANDIERA

PROJECT MGR:
F. BOLOURIAN

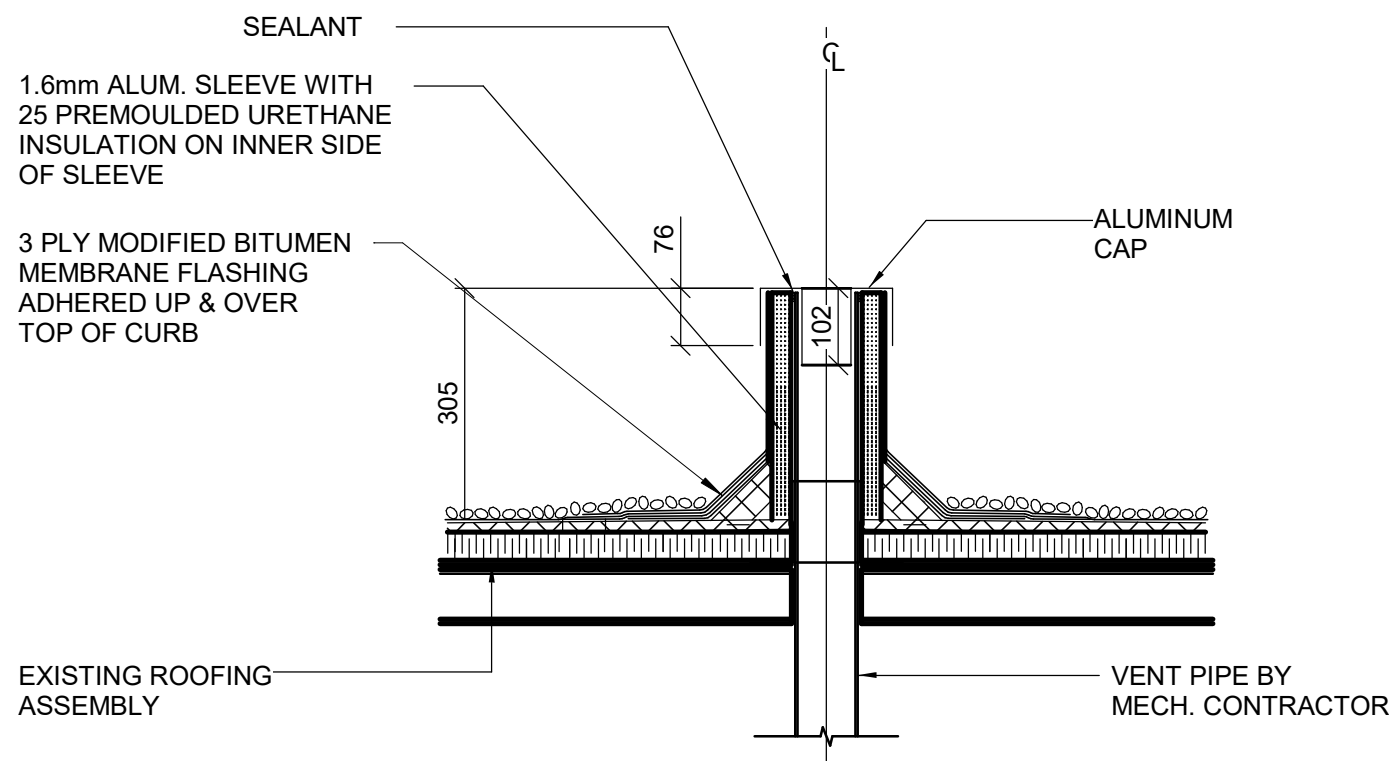
APPROVED BY:
E. FENUTA

SHEET TITLE
**FIRST FLOOR REFLECTED
CEILING PLAN - WEST**

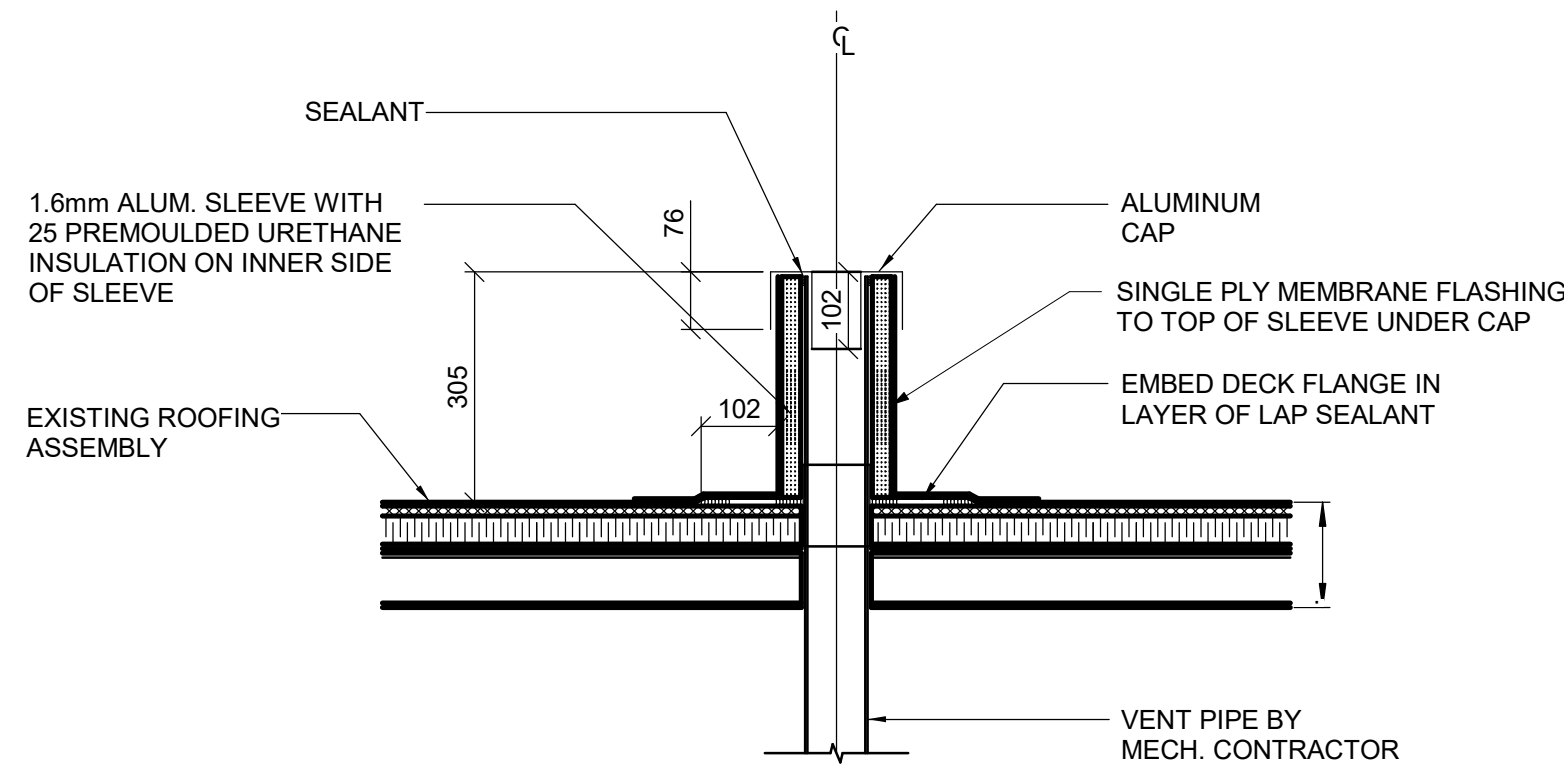
SHEET NUMBER
G05-010-A2811

ISSUE
E

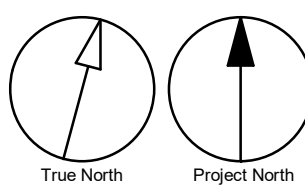
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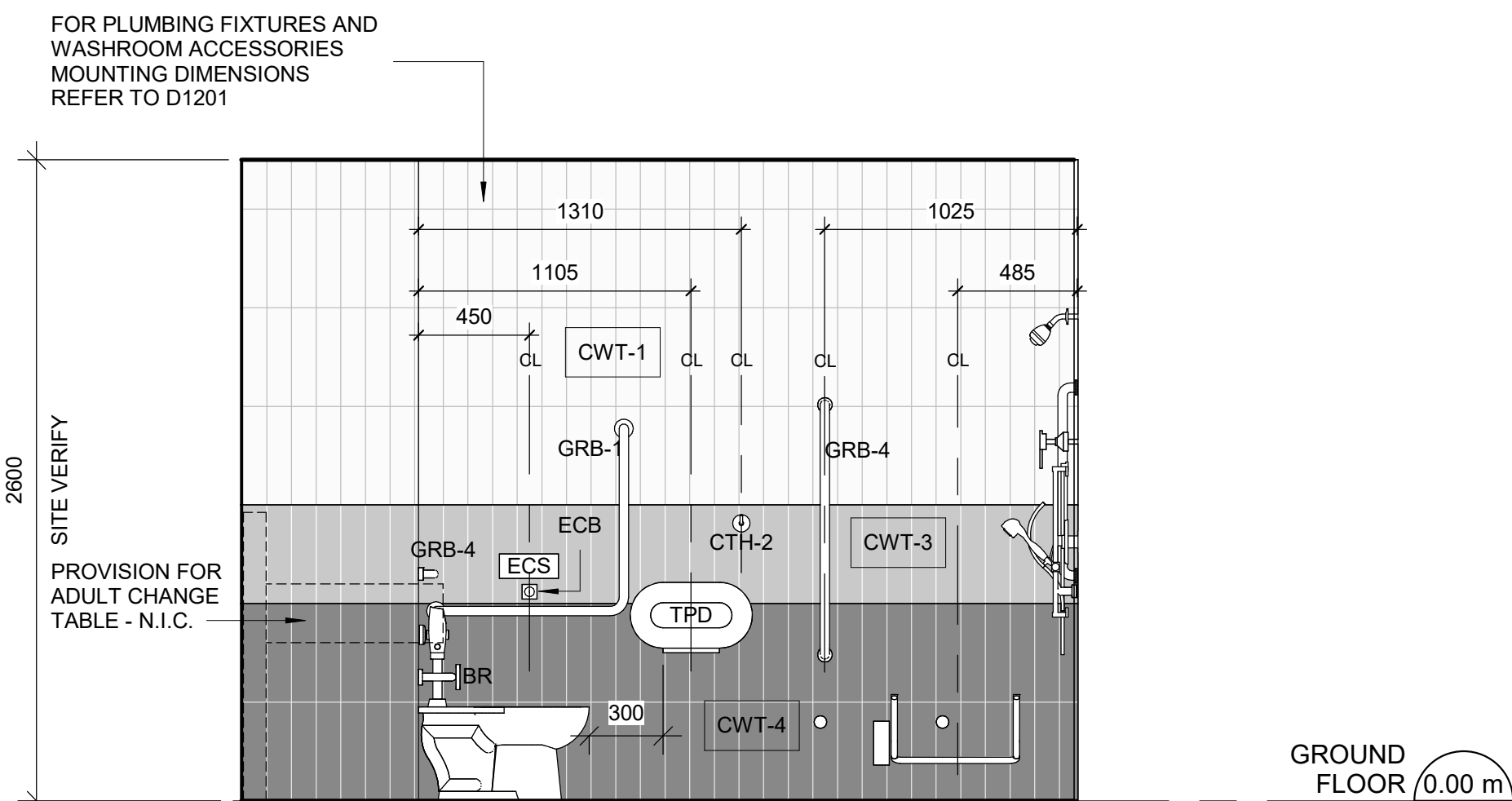
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A2811 Scale: 1 : 10



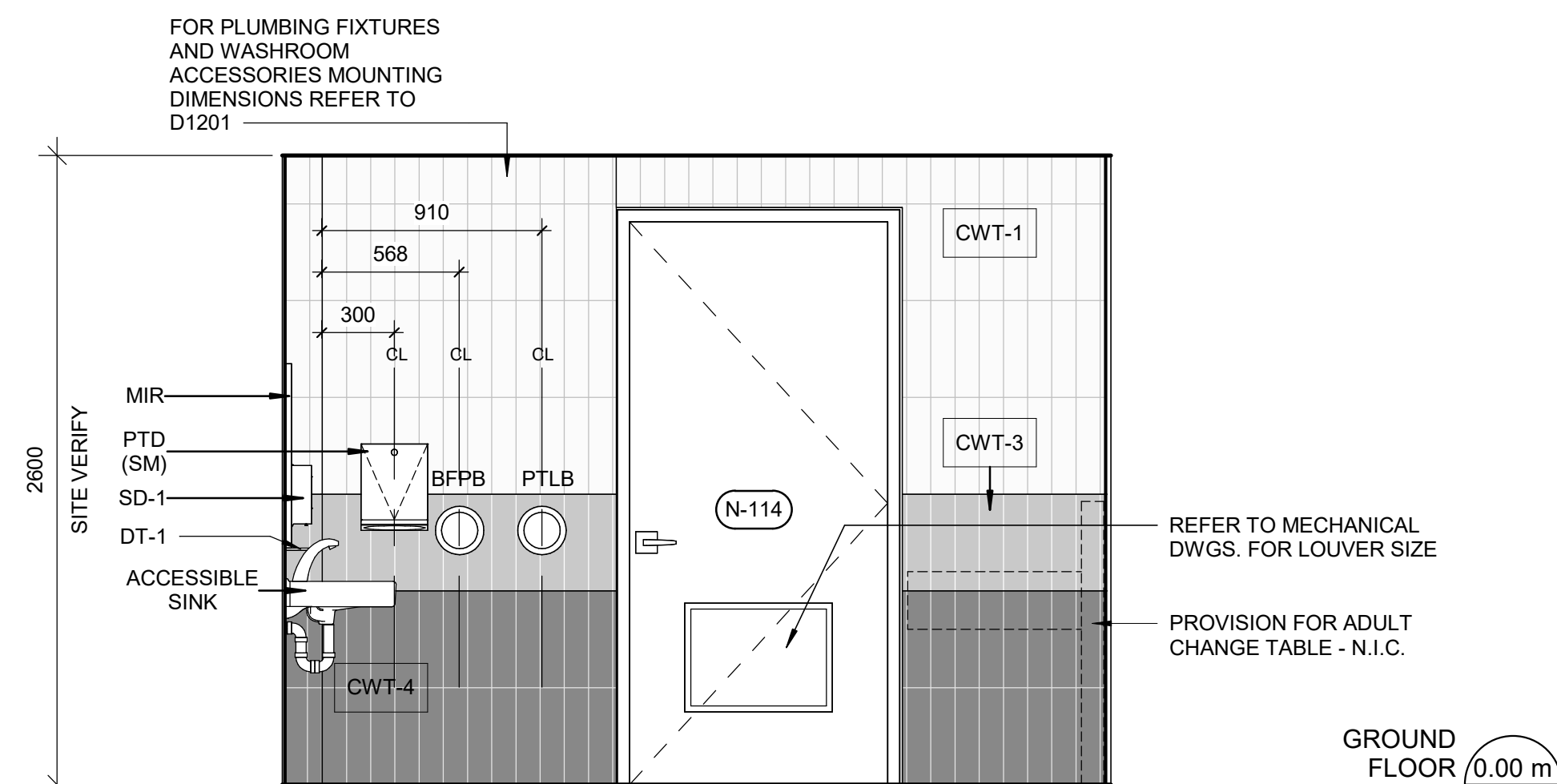
3 TYPICAL PLUMBING VENT OPTION 2 - SINGLE PLY MEMBRANE ROOFING
A2811 Scale: 1 : 10



Autodesk Docs // 122260 - Cot TAU Upgrades R2024122260-5-10-1026FINCH_AA-R20.rvt 1/11



4 UNIVERSAL WASHROOM N-114 - EAST ELEVATION
A5011 Scale: 1 : 25



5 UNIVERSAL WASHROOM N-114 - WEST ELEVATION
A5011 Scale: 1 : 25



CONSTRUCTION GENERAL NOTES	
1	NEW DOOR CARD READER AND BARRIER FREE PUSH BUTTON TO BE COORDINATED WITH ELECTRICAL DRAWINGS FOR LOCATION AND HEIGHT INSTALLATION REFER TO ARCHITECTURAL DRAWING DWG 1001
2	REROUTE ELECTRICAL SERVICES FROM EXISTING TO NEW LOCATION, REINSTALL ALL ELECTRICAL SWITCHES, RECEPTACLES, CARD READERS AND PULL STATIONS AT ACCESSIBLE HEIGHT AS IDENTIFIED IN THE ELECTRICAL DRAWINGS.
3	REPAINT ENTIRE WALL AFTER WALL-MOUNTED HANDRAIL REPLACEMENT – UNLESS OTHERWISE NOTED, COLOUR AND FINISH TO MATCH EXISTING

WASHROOM GENERAL NOTES	
1	ALL EXISTING SOAP DISPENSERS AND MIRRORS TO BE LOWERED. REFER TO 2/D1201, 4/D1201.
2	ALL WASHROOM ACCESSORIES TO BE INSTALLED AFTER SPECIFIED WALL FINISH HAS BEEN APPLIED. NEW SOAP COLLECTORS TO BE ADDED TO ALL SOAP DISPENSERS. REFER TO 2/D1201.
3	MOISTURE RESISTANT GYPSUM BOARD TO BE PROVIDED IN ALL WASHROOMS AND LOCKER ROOMS

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

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C	ISSUED FOR PERMIT	2022-03-18
D	ISSUED FOR TENDER	2025-04-11

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PROJECT TITLE
CITY OF TORONTO
ACCESSIBILITY UPGRADES

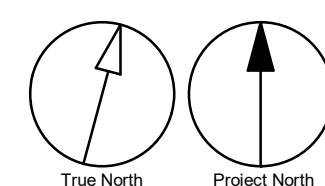
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FINCH YARD - BLDG A
1026 FINCH AVE W

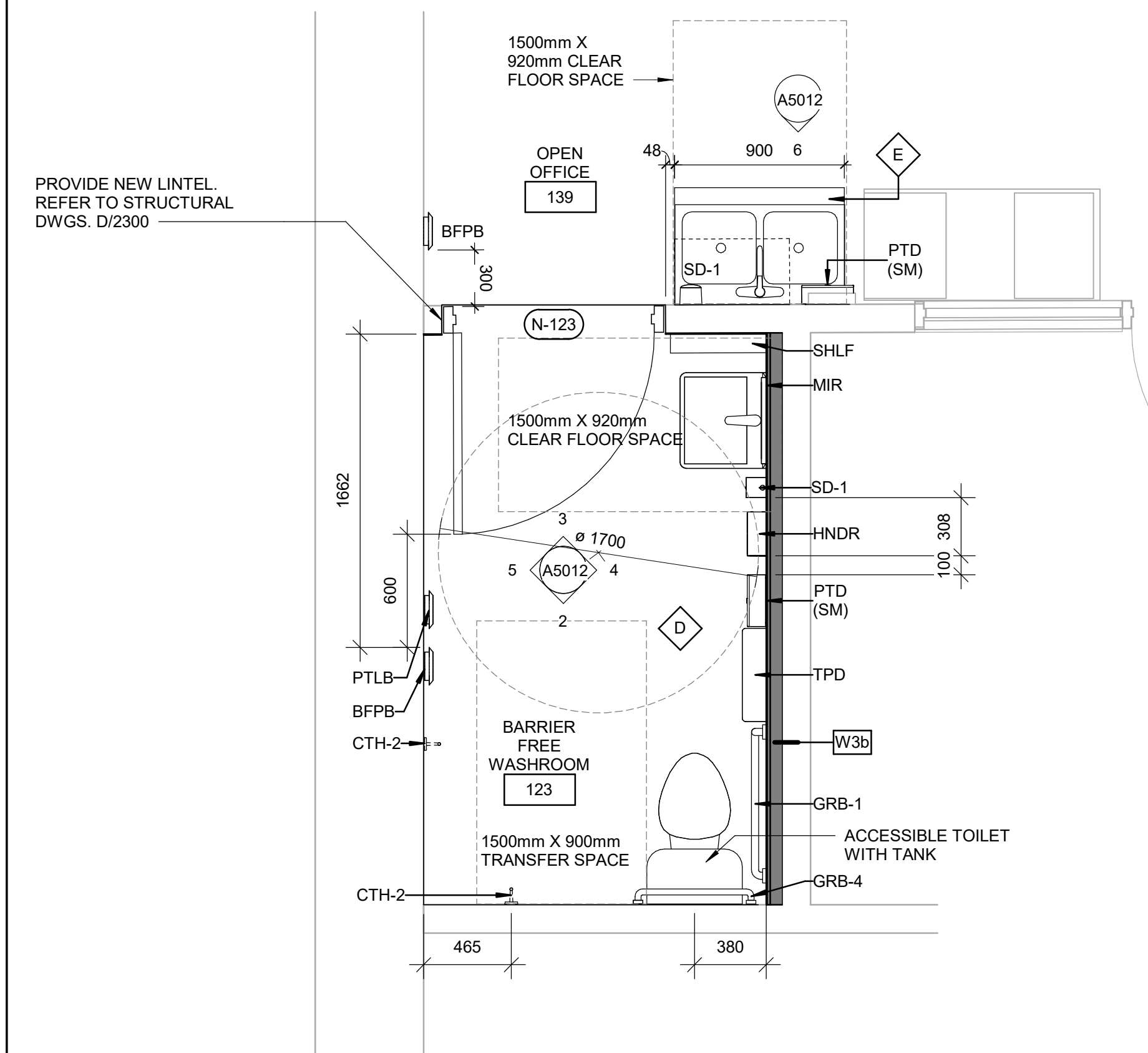
PROJECT NO:
9119-19- 0162 / Arcadis 30279056

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

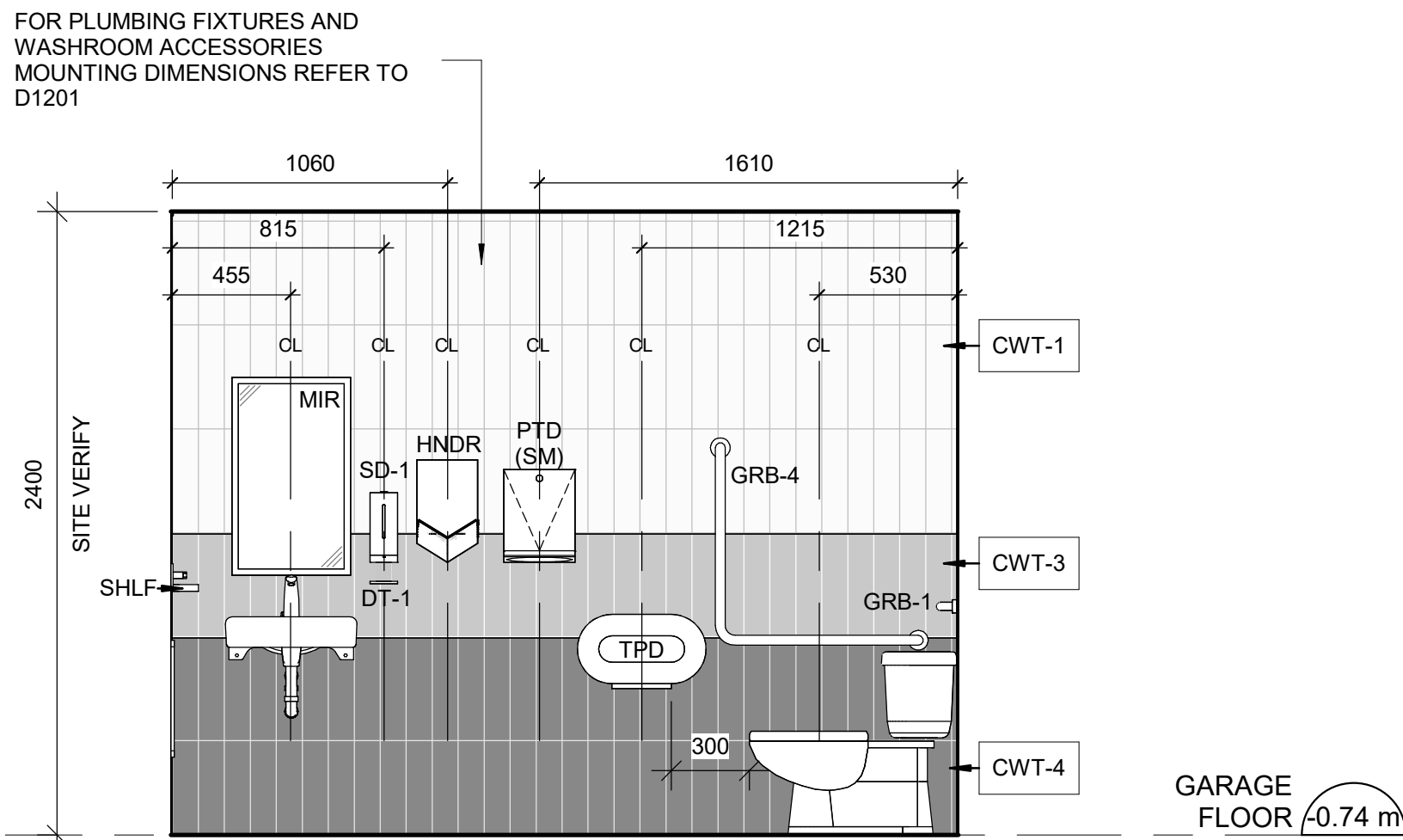
SHEET TITLE
UNIVERSAL WASHROOM
PLANS/ELEVATIONS

SHEET NUMBER	ISSUE
G05-010-A5011	D

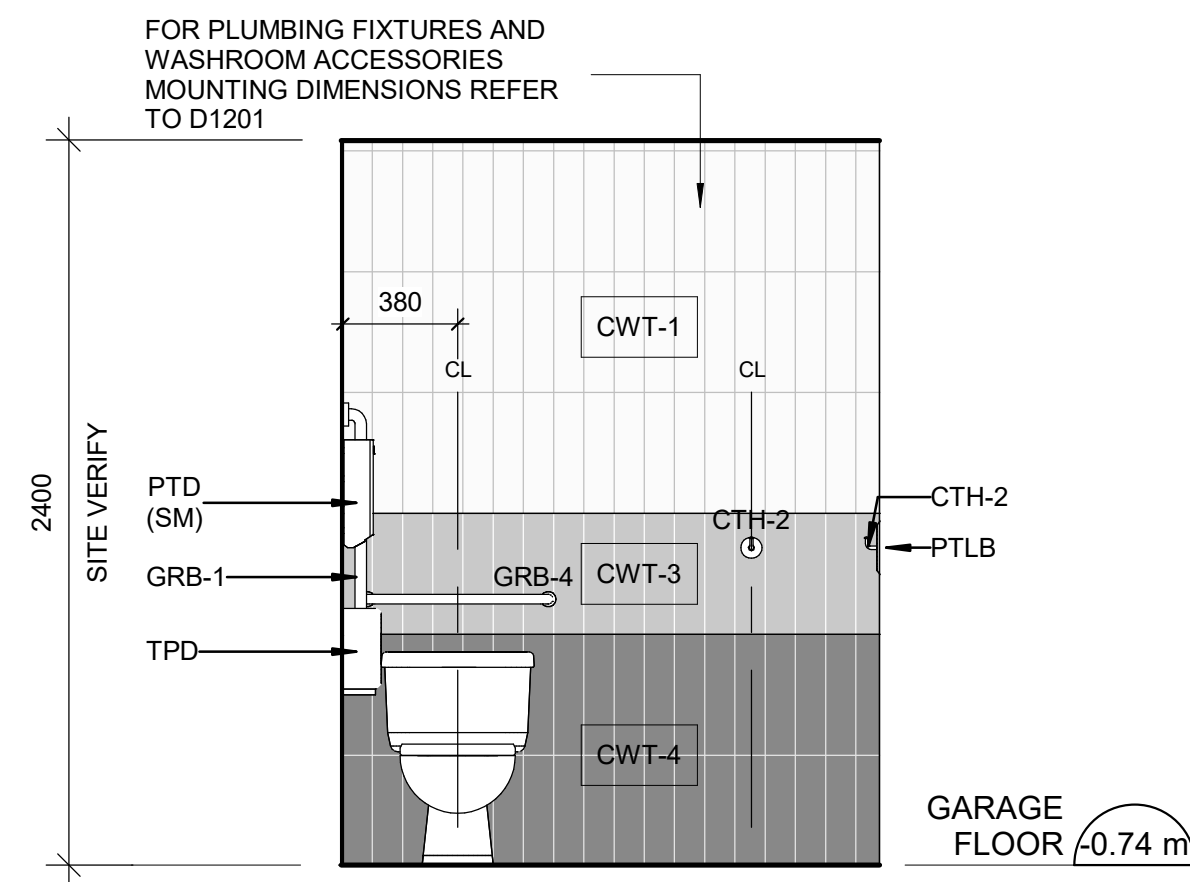




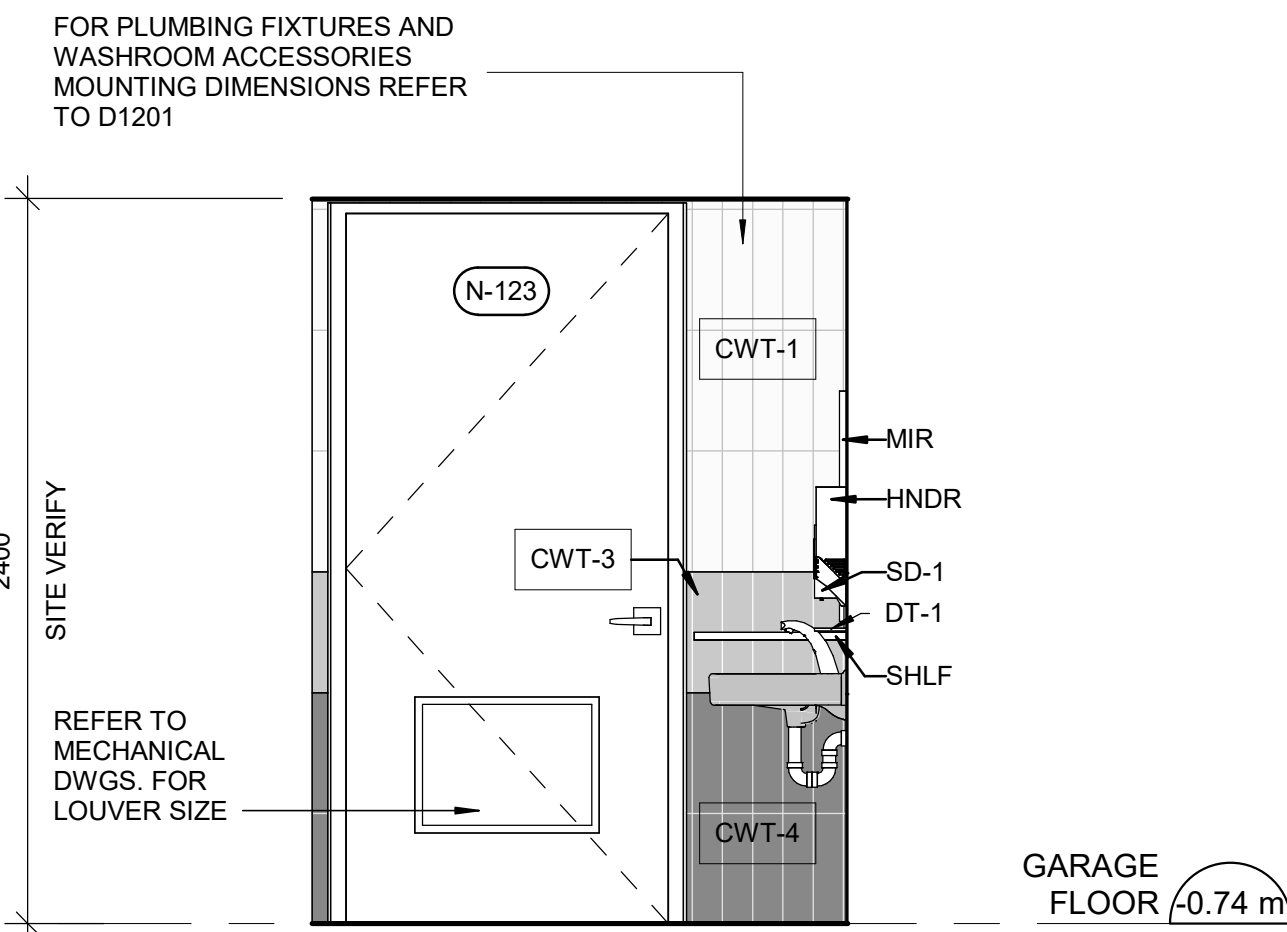
1 FIRST FLOOR-EAST - BARRIER FREE WASHROOM N-123
A5012 Scale: 1 : 25



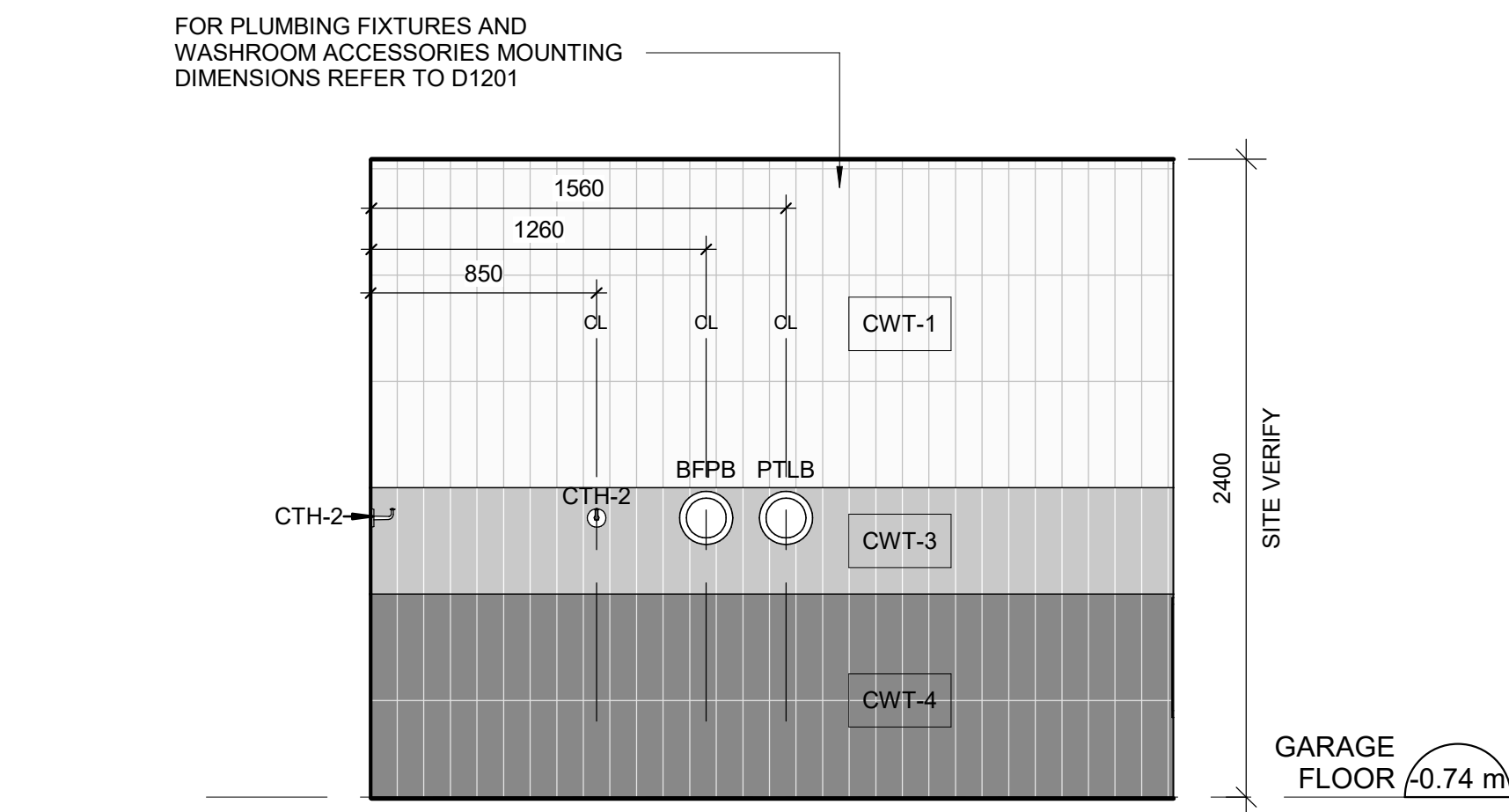
4 BARRIER FREE WASHROOM N-123 - EAST ELEVATION
A5012 Scale: 1 : 25



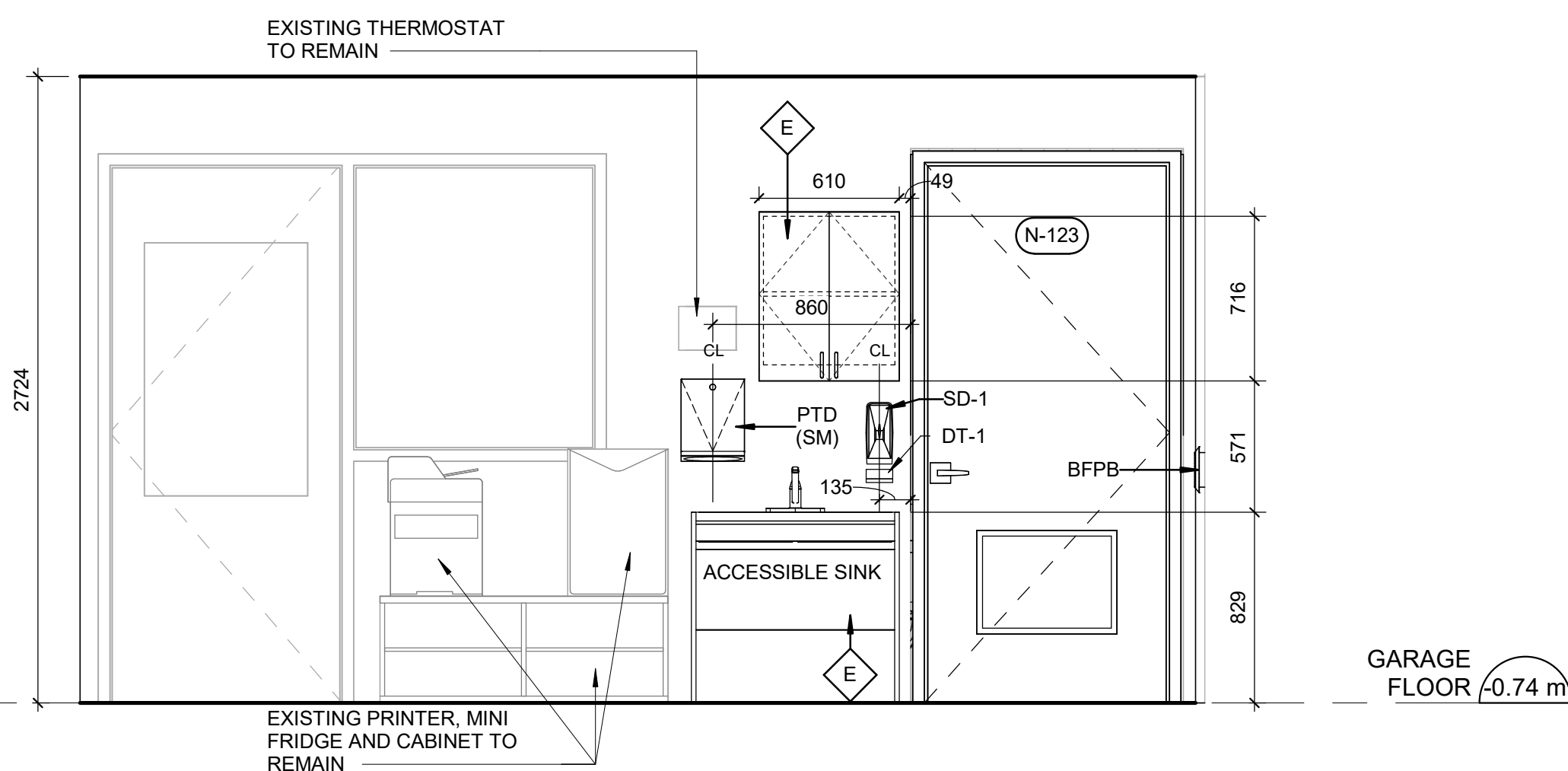
2 BARRIER FREE WASHROOM N-123 - SOUTH ELEVATION
A5012 Scale: 1 : 25



3 BARRIER FREE WASHROOM N-123 - NORTH ELEVATION
A5012 Scale: 1 : 25



5 BARRIER FREE WASHROOM N-123 - WEST ELEVATION
A5012 Scale: 1 : 25



6 OPEN OFFICE KITHENETTE - SOUTH ELEVATION
A5012 Scale: 1 : 25

CONSTRUCTION KEY LEGEND

- EXISTING PARTITION TO REMAIN
- NEW PARTITION
REFER TO PARTITION SCHEDULE
- NEW DOOR AND/ OR
NEW HARDWARE

CONSTRUCTION GENERAL NOTES

- NEW DOOR CARD READER AND BARRIER FREE PUSH BUTTON TO BE COORDINATED WITH ELECTRICAL DRAWINGS FOR LOCATION AND HEIGHT INSTALLATION REFER TO ARCHITECTURAL DETAIL BOOKLET.
- REROUTE ELECTRICAL SERVICES FROM EXISTING TO NEW LOCATION. REINSTALL ALL ELECTRICAL SWITCHES, RECEPTACLES, CARD READERS AND PULL STATIONS AT ACCESSIBLE HEIGHT AS IDENTIFIED IN THE ELECTRICAL DRAWINGS.
- REPAINT ENTIRE WALL AFTER WALL-MOUNTED HANDRAIL REPLACEMENT - UNLESS OTHERWISE NOTED. COLOUR AND FINISH TO MATCH EXISTING

CONSTRUCTION KEY NOTES

NO	DESCRIPTION
D	INSTALL NEW WASHROOM ACCESSORIES - REFER TO DETAILS 1/D1201, 2/D1201, 3/D1201, 4/D1201, 5/D1201.
E	CONSTRUCT NEW KITCHEN MILLWORK, REFER TO MILLWORK DETAILS 1/D1301, 2/D1301, 3/D1301, 4/D1301, 1/D1302, 2/D1302, 3/D1302, 4/1302, 5/D1302, 6/D1302, 8/D1302.

WASHROOM GENERAL NOTES

- ALL EXISTING SOAP DISPENSERS AND MIRRORS TO BE LOWERED. REFER TO 2/D1201, 4/D1201.
- ALL WASHROOM ACCESSORIES TO BE INSTALLED AFTER SPECIFIED WALL FINISH HAS BEEN APPLIED. NEW SOAP COLLECTORS TO BE ADDED TO ALL SOAP DISPENSERS. REFER TO 2/D1201.
- MOISTURE RESISTANT GYPSUM BOARD TO BE PROVIDED IN ALL WASHROOMS AND LOCKER ROOMS

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Toronto, ON M6W 0C9, Canada
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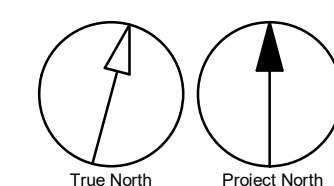
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**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

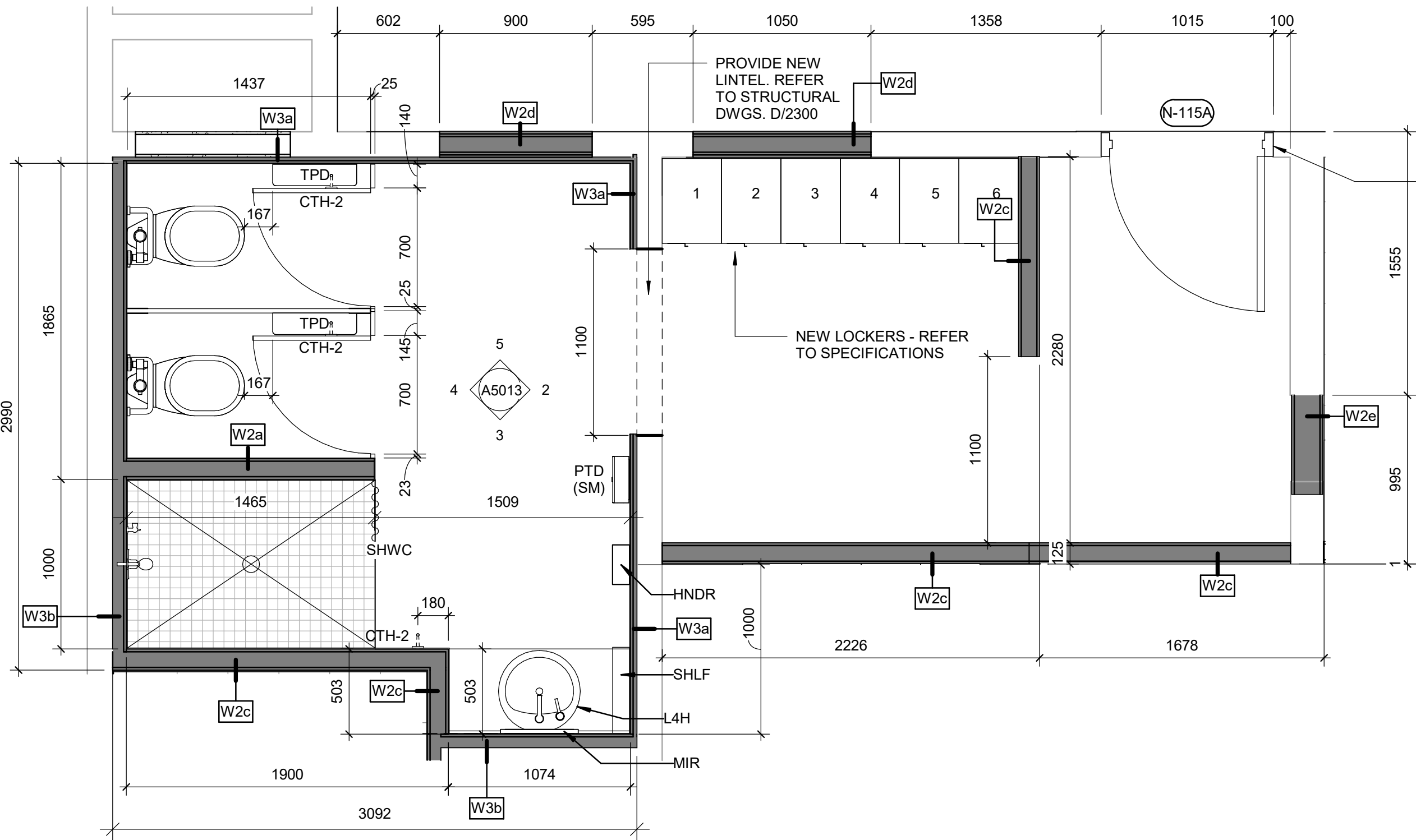
PROJECT ADDRESS
**FINCH YARD - BLDG A
1026 FINCH AVE W**

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

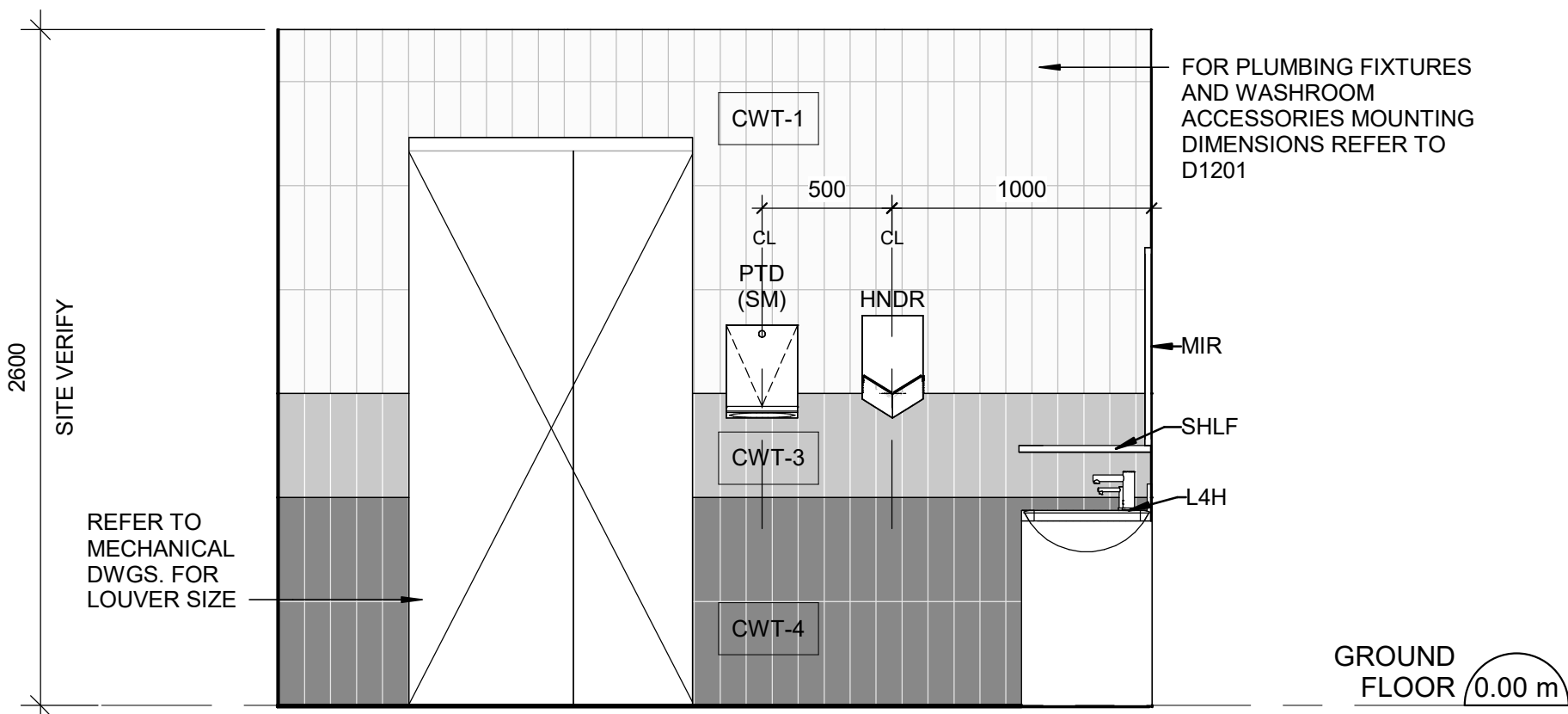
SHEET TITLE
**BARRIER FREE WASHROOM
123& OPEN OFFICE 139
KITCHENETTE
PLANS/ELEVATIONS**

SHEET NUMBER
G05-010-A5012
ISSUE
D

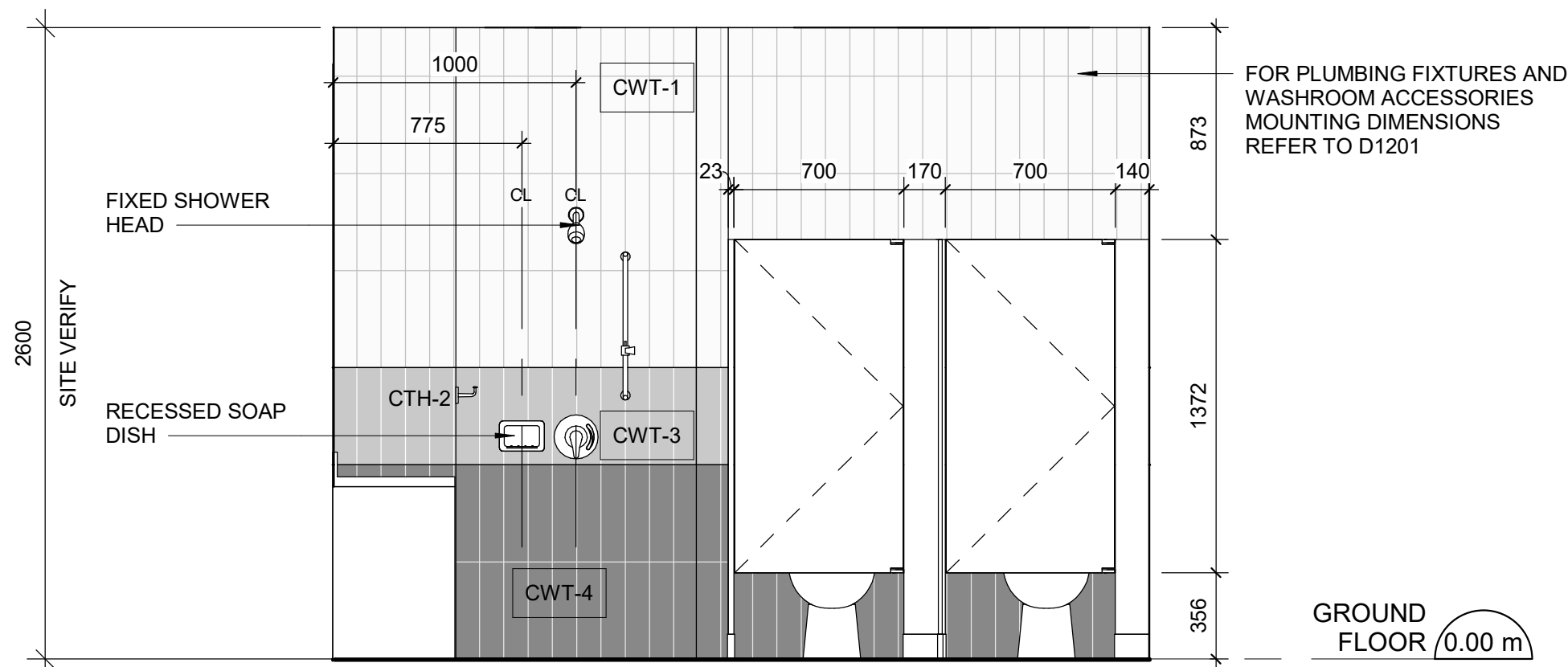




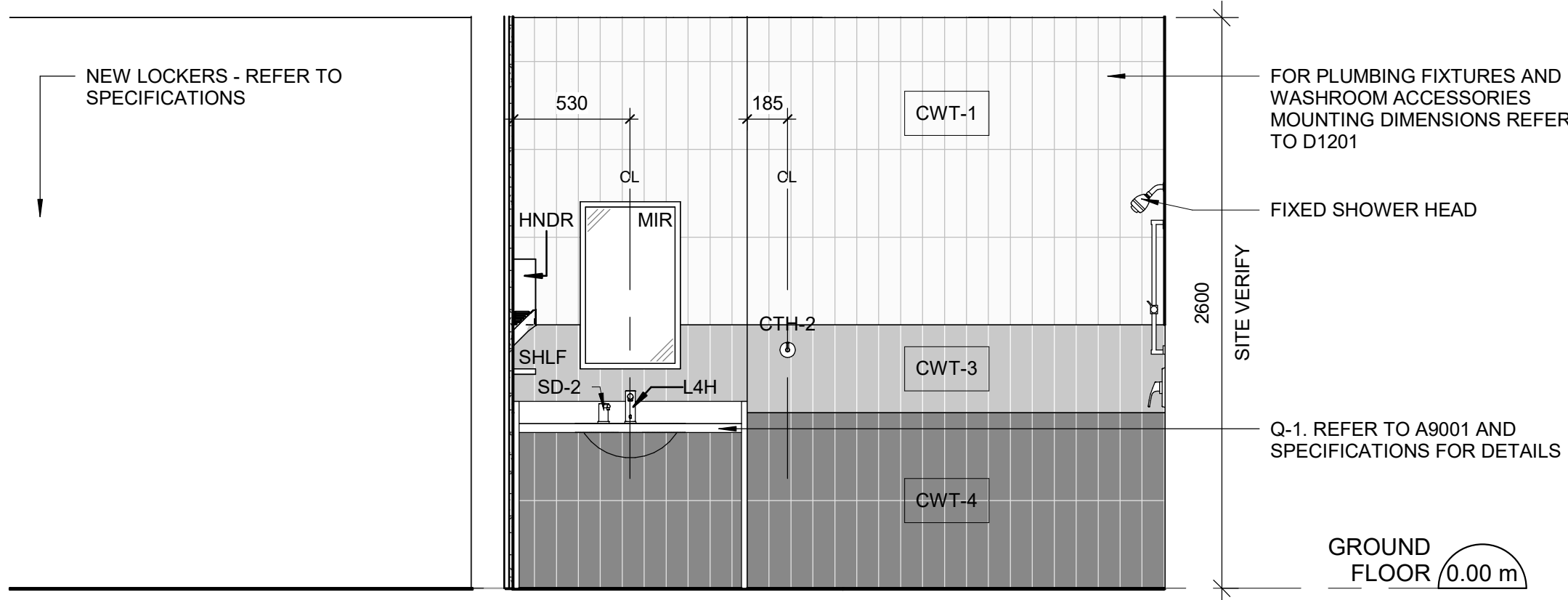
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A5013 Scale: 1 : 25



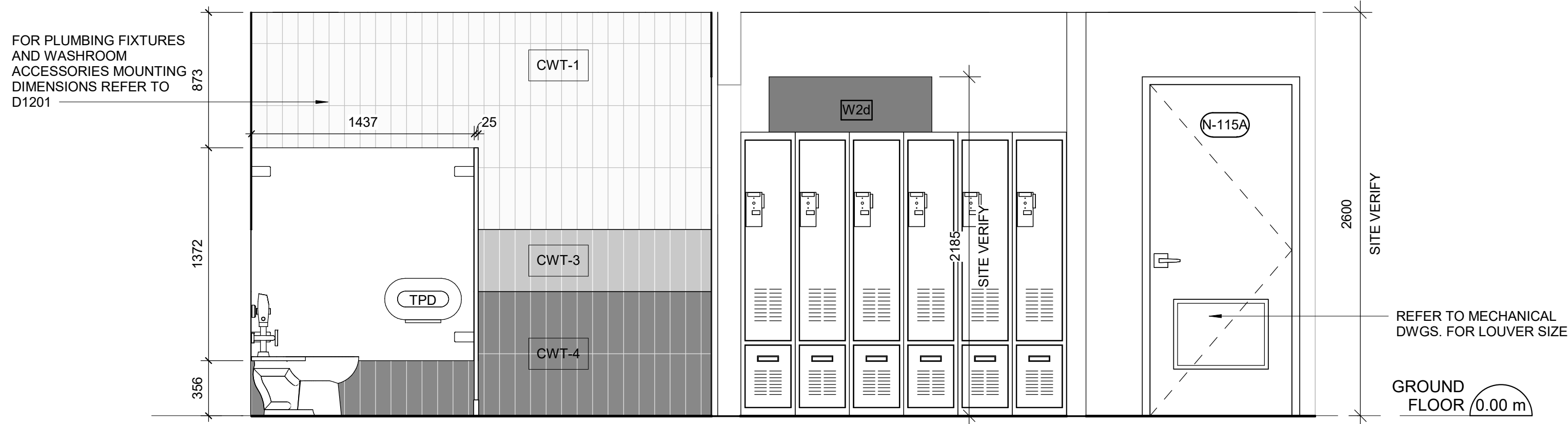
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A5013 Scale: 1 : 25



4 WOMEN'S WASHROOM - WEST ELEVATION
A5013 Scale: 1 : 25



3 WOMEN'S WASHROOM - SOUTH ELEVATION
A5013 Scale: 1 : 25



5 WOMEN'S WASHROOM - NORTH ELEVATION
A5013 Scale: 1 : 25

CONSTRUCTION KEY NOTES

NO	DESCRIPTION
----	-------------

WASHROOM GENERAL NOTES

- ALL EXISTING SOAP DISPENSERS AND MIRRORS TO BE LOWERED. REFER TO 2/D1201, 4/D1201.
- ALL WASHROOM ACCESSORIES TO BE INSTALLED AFTER SPECIFIED WALL FINISH HAS BEEN APPLIED. NEW SOAP COLLECTORS TO BE ADDED TO ALL SOAP DISPENSERS. REFER TO 2/D1201.
- MOISTURE RESISTANT GYPSUM BOARD TO BE PROVIDED IN ALL WASHROOMS AND LOCKER ROOMS

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PROJECT TITLE
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ACCESSIBILITY UPGRADES

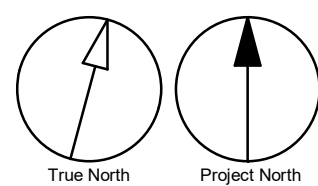
PROJECT ADDRESS
FINCH YARD - BLDG A
1026 FINCH AVE W

PROJECT NO:
9119-19- 0162 / Arcadis 30279056

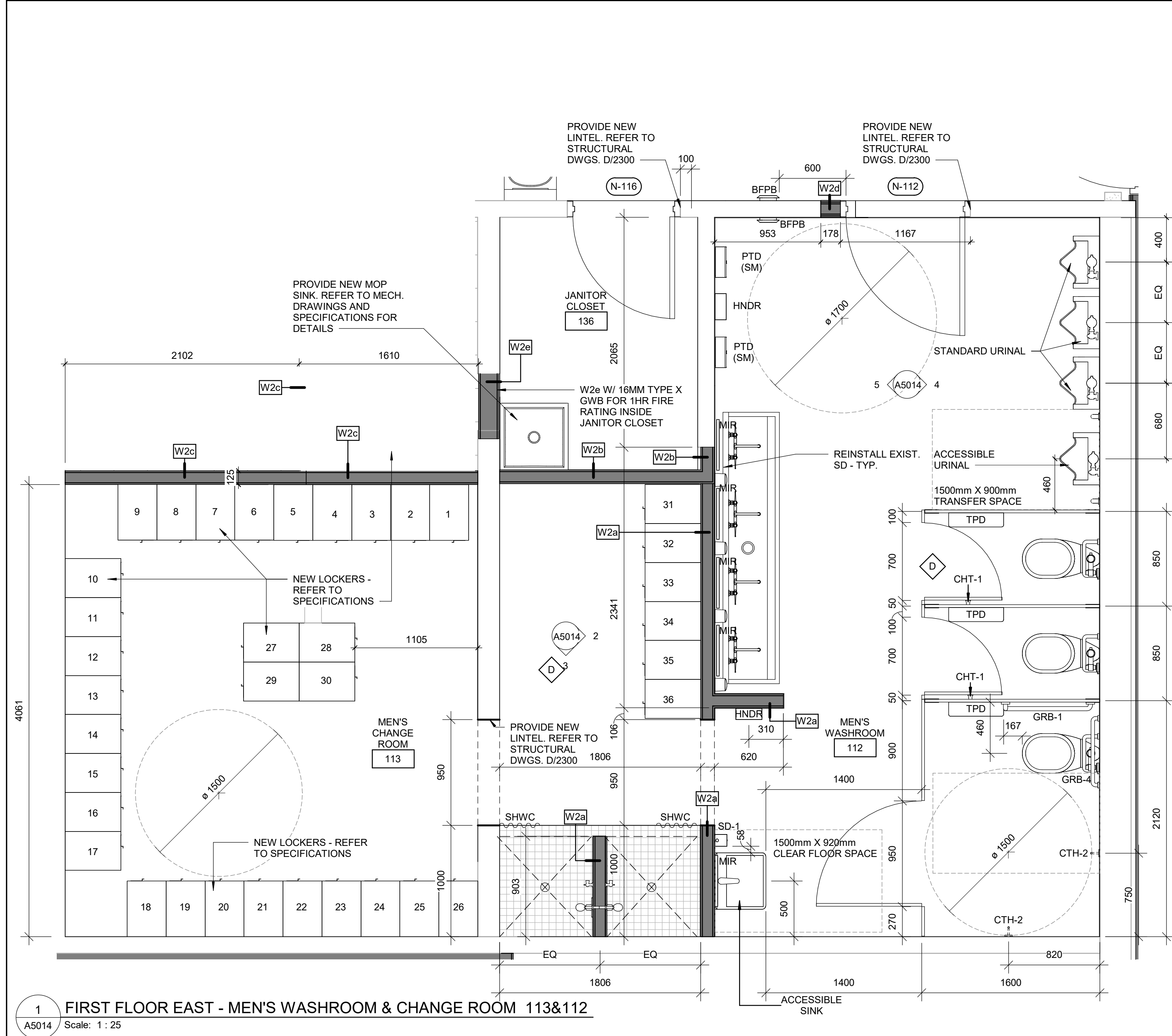
DRAWN BY:
A. BOYNARIAN / A.
KVASNIUK
PROJECT MGR:
F. BOLOURIAN
CHECKED BY:
L. BANDIERA
APPROVED BY:
E. FENUTA

SHEET TITLE
WOMEN'S WASHROOM &
CHANGE ROOM
PLANS/ELEVATIONS

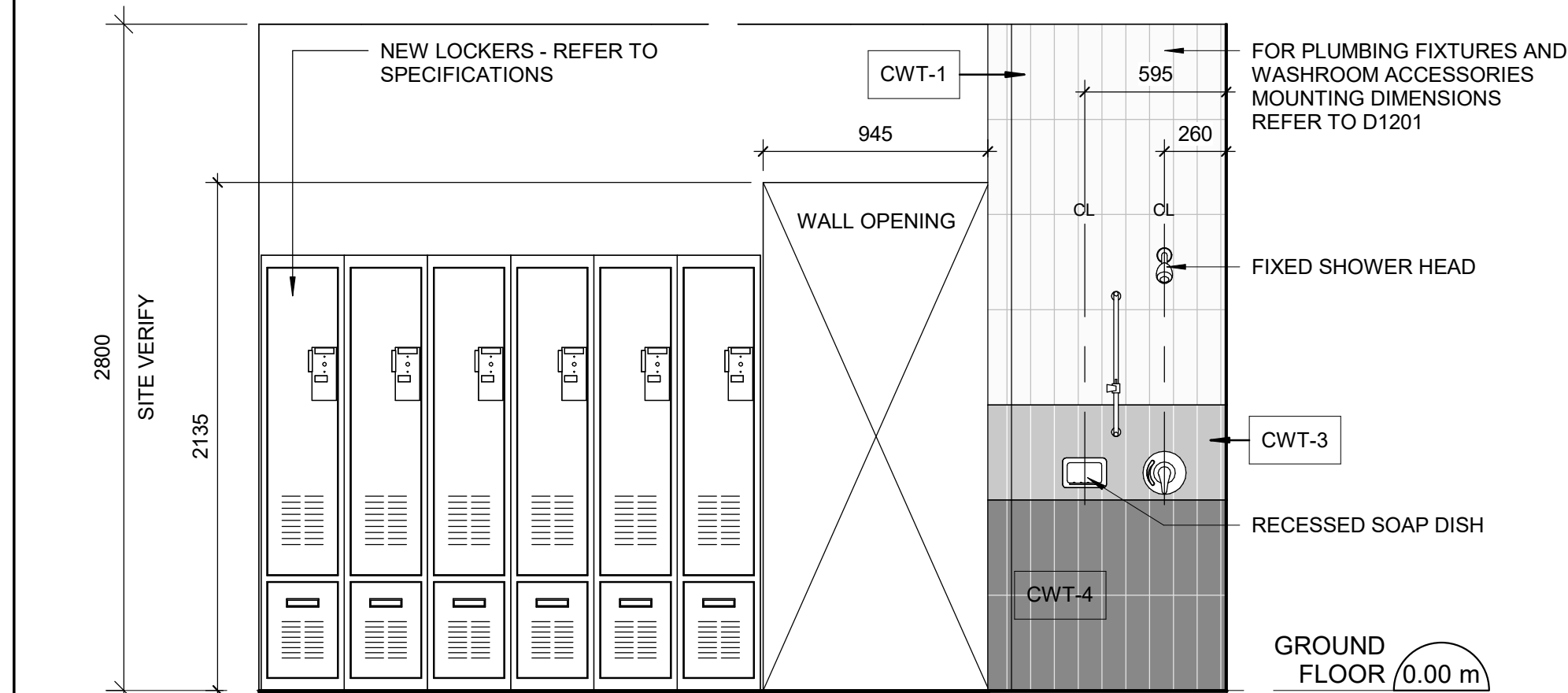
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ISSUE
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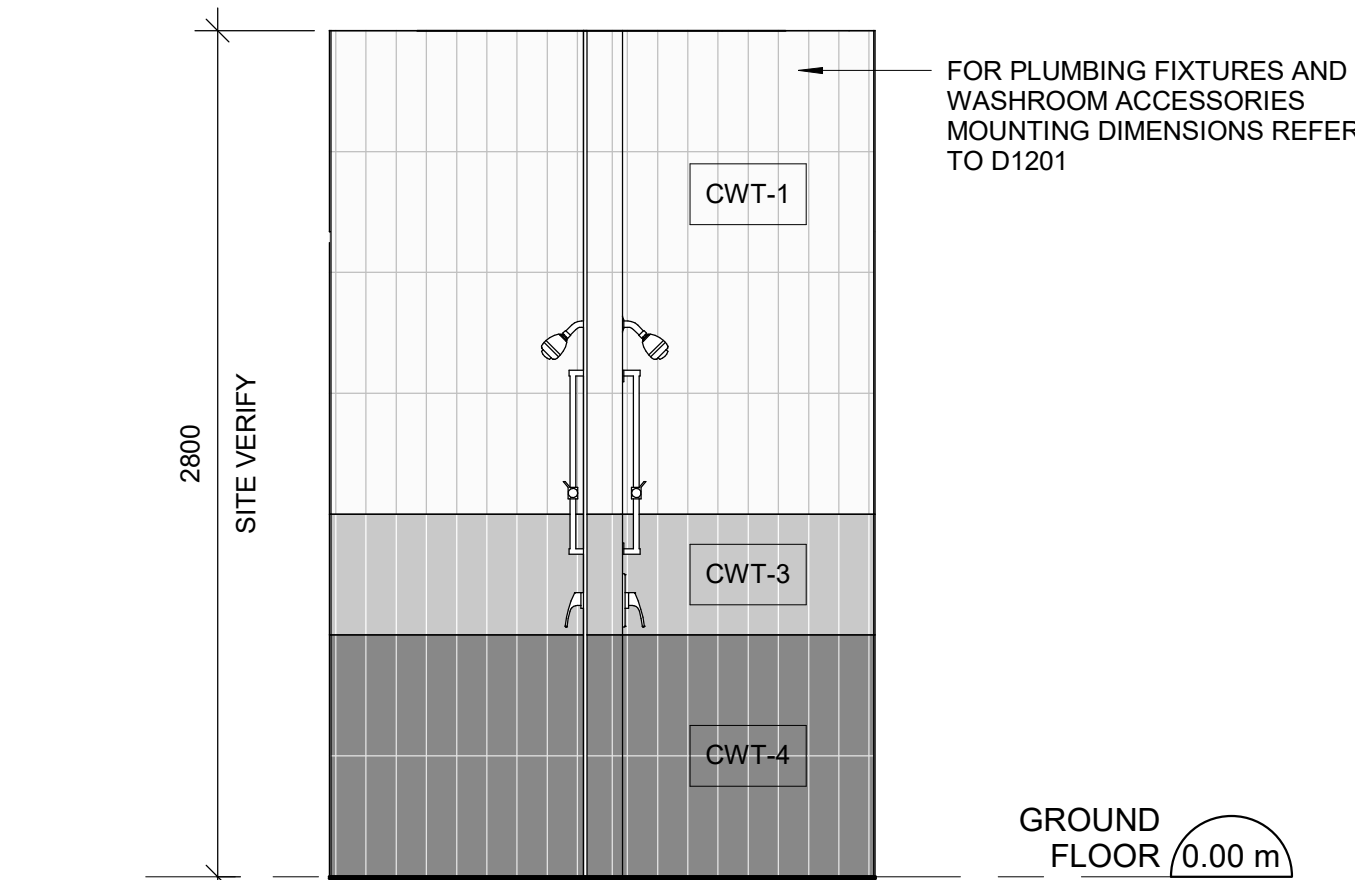
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1 FIRST FLOOR EAST - MEN'S WASHROOM & CHANGE ROOM 113&112
A5014 Scale: 1 : 25



2 MEN'S WASHROOM-ACCESSIBLE SHOWER - EAST ELEVATION
A5014 Scale: 1 : 25



3 MEN'S WASHROOM-STANDARD SHOWERS - EAST ELEVATION
A5014 Scale: 1 : 25

CONSTRUCTION KEY NOTES

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

WASHROOM GENERAL NOTES

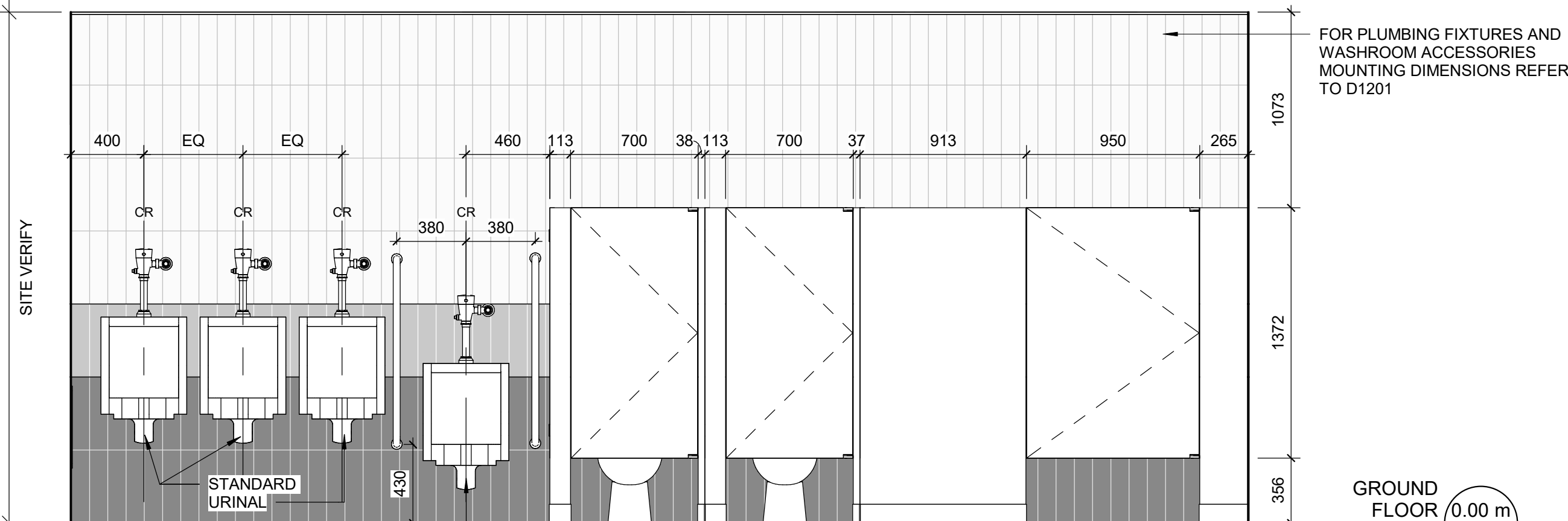
- ALL EXISTING SOAP DISPENSERS AND MIRRORS TO BE LOWERED. REFER TO 2/D1201, 4/D1201.
- ALL WASHROOM ACCESSORIES TO BE INSTALLED AFTER SPECIFIED WALL FINISH HAS BEEN APPLIED. NEW SOAP COLLECTORS TO BE ADDED TO ALL SOAP DISPENSERS. REFER TO 2/D1201.
- MOISTURE RESISTANT GYPSUM BOARD TO BE PROVIDED IN ALL WASHROOMS AND LOCKER ROOMS

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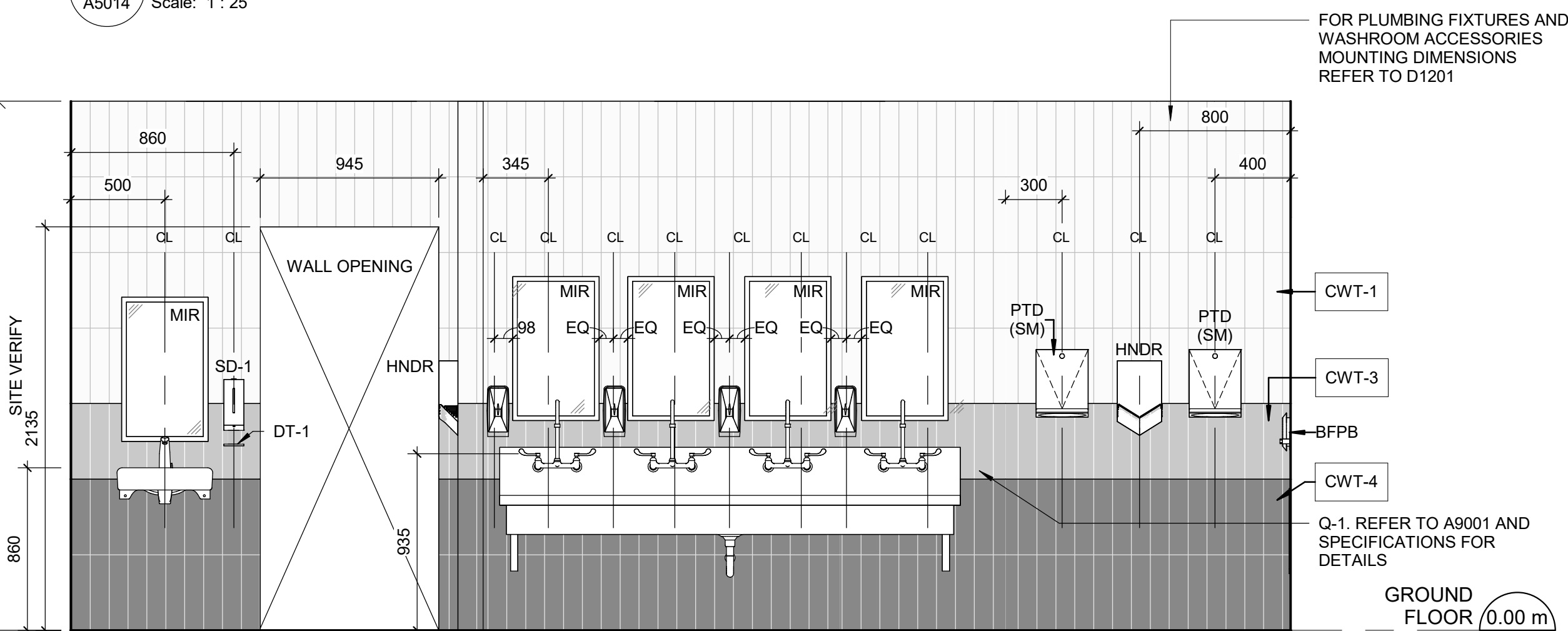
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B	90% SUBMISSION	2022-02-22
C	ISSUED FOR PERMIT	2022-03-18
D	ISSUED FOR TENDER	2025-04-11



4 MEN'S WASHROOM - EAST ELEVATION
A5014 Scale: 1 : 25



5 MEN'S WASHROOM - WEST ELEVATION
A5014 Scale: 1 : 25

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PRIME CONSULTANT

ARCADIS

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Toronto, ON M6W 0C6, Canada
Tel: 416-679-1000
www.arcadis.com

PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**FINCH YARD - BLDG A
1026 FINCH AVE W**

PROJECT NO:
9119-19-0162 / Arcadis 30279056

DRAWN BY:
A. KVASNIUK

CHECKED BY:
L. BANDIERA

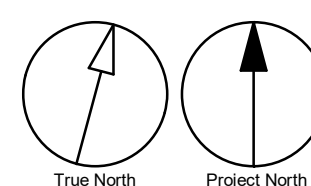
PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
E. FENUTA

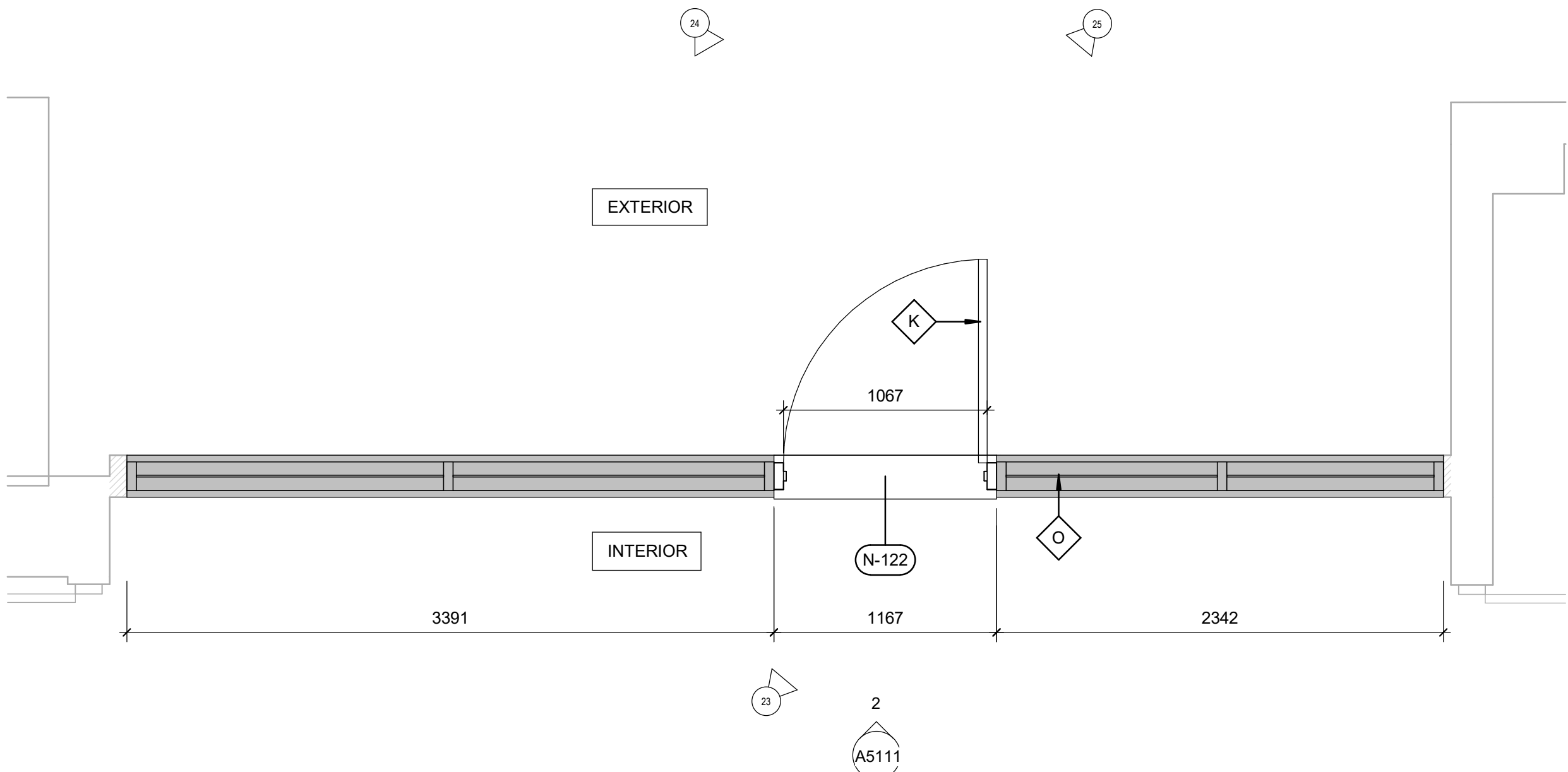
SHEET TITLE
**MEN'S CHANGE ROOM
PLANS/ELEVATIONS**

SHEET NUMBER
G05-010-A5014

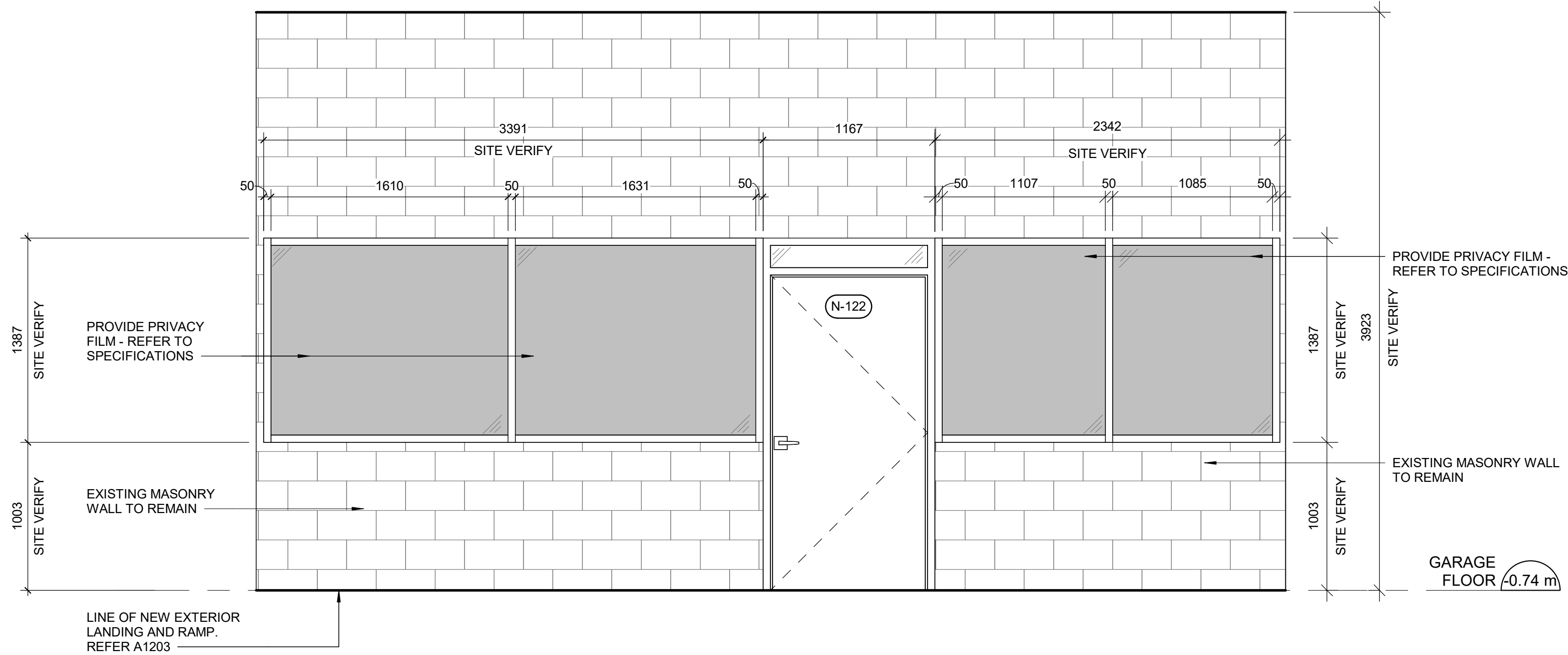
ISSUE
D



Autodesk Docs // 122260 - Cot TAU Upgrades R2024/122260-5-10-1026FINCH_AA-R20.v4
1/10m



1 NORTH ENTRANCE PLAN
Scale: 1 : 25



2 NORTH ENTRANCE ELEVATION
Scale: 1 : 25



PHOTO 23 - NORTH ENTRANCE - INTERIOR, RIGHT SIDE



PHOTO 24 - NORTH ENTRANCE - EXTERIOR, RIGHT SIDE



PHOTO 25 - NORTH ENTRANCE - EXTERIOR, LEFT SIDE

CONSTRUCTION KEY LEGEND

EXISTING EXTERIOR WALL TO REMAIN

###

NEW DOOR AND/ OR NEW HARDWARE

CONSTRUCTION GENERAL NOTES

1

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

2

REROUTE ELECTRICAL SERVICES FROM EXISTING TO NEW LOCATION. REINSTALL ALL ELECTRICAL SWITCHES, RECEPTACLES, CARD READERS AND PULL STATIONS AT ACCESSIBLE HEIGHT AS IDENTIFIED IN THE ELECTRICAL DRAWINGS.

3

REPAINT ENTIRE WALL AFTER WALL MOUNTED HANDRAIL REPLACEMENT – UNLESS OTHERWISE NOTED, COLOUR AND FINISH TO MATCH EXISTING

CONSTRUCTION KEY NOTES

NO

DESCRIPTION

K

INSTALL NEW DOOR AND FRAME. REFER TO DOOR SCHEDULE A9001, G0004 AND DOOR HARDWARE SCHEDULE IN THE SPECIFICATIONS.

O

INSTALL NEW CURTAIN WALL FRAMING TO MATCH EXISTING, WITH NEW DOOR PER SPECIFIED WIDTH AND HEIGHT. REFER TO DOOR SCHEDULE A9001 AND DOOR HARDWARE SCHEDULE IN THE SPECIFICATIONS.

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PRIME CONSULTANT

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tel 416-679-1520
www.arcadis.com

PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

FINCH YARD - BLDG A
1026 FINCH AVE W

PROJECT NO:

9119-19- 0162 / Arcadis 30279056

DRAWN BY:

A. BOYNARIAN

CHECKED BY:

L. BANDIERA

PROJECT MGR:

F. BOLOURIAN

APPROVED BY:

E. FENUITA

SHEET TITLE

FIRST FLOOR EAST - NORTH
ENTRANCE

SHEET NUMBER

G05-010-A5111

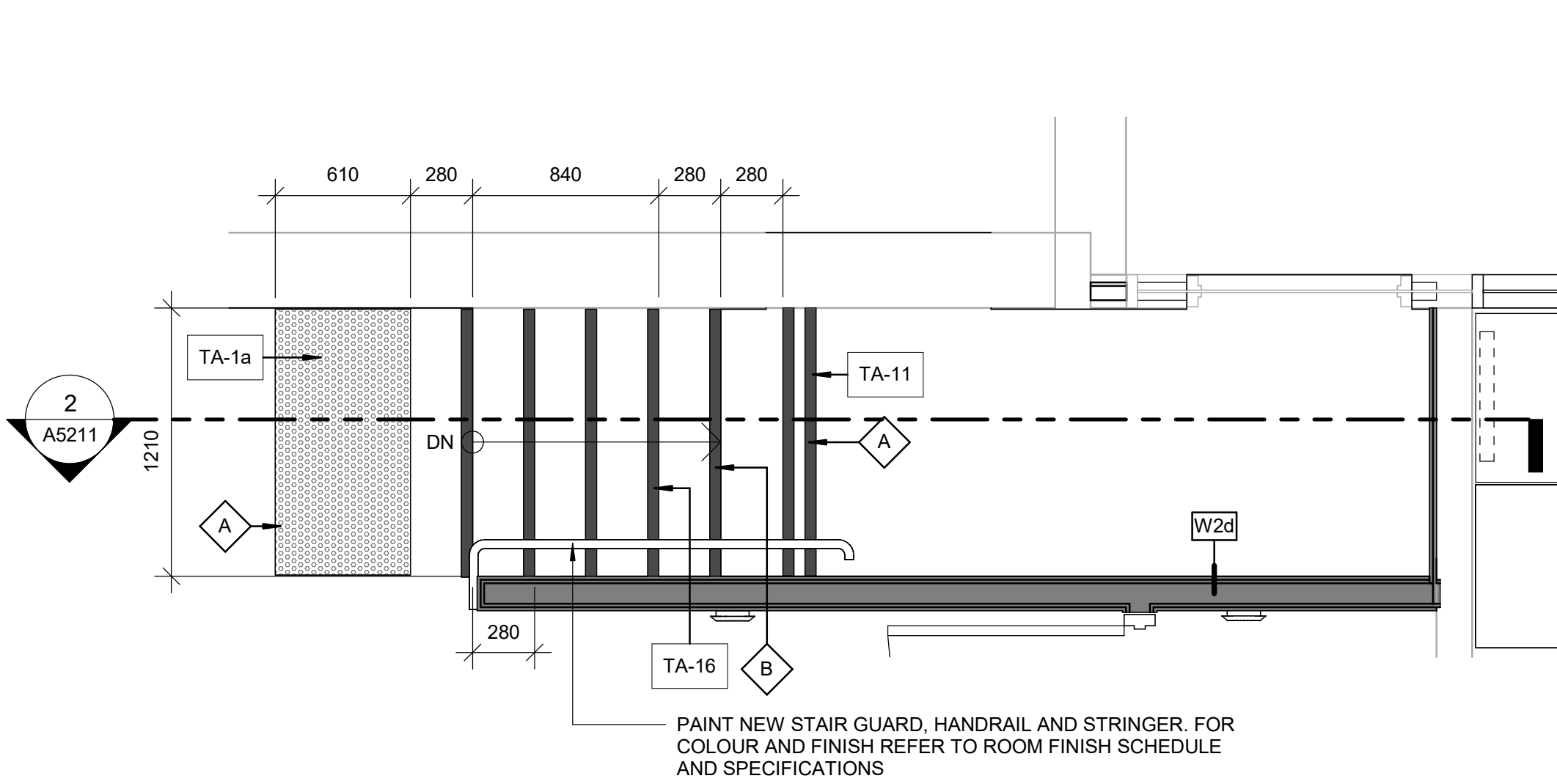
ISSUE

D

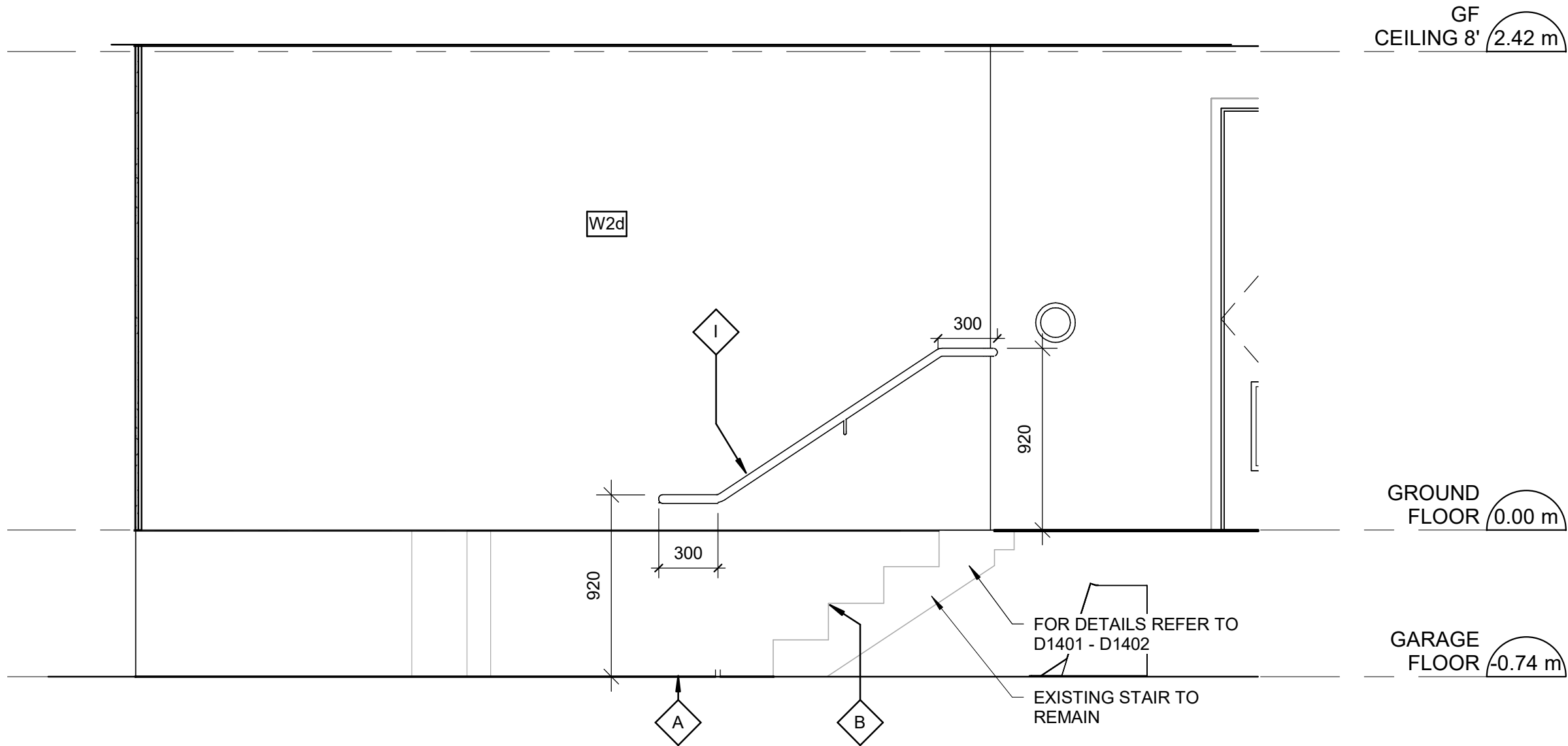
True North and Project North arrows.

5/8/2025 2:26:08 PM

Autodesk Docs // 122260 - Cot TAU Upgrades R2024122260-5-10-1026FINCH_AA-R20-v4 1/1m



1 FIRST FLOOR PROPOSED PLAN - STAIR B
A5211 Scale: 1 : 25



2 STAIR B - SECTION 1
A5211 Scale: 1 : 25

CONSTRUCTION KEY NOTES

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

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C	ISSUED FOR PERMIT	2022-03-18
D	ISSUED FOR TENDER	2025-04-11

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PROJECT TITLE
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ACCESSIBILITY UPGRADES

PROJECT ADDRESS
FINCH YARD - BLDG A
1026 FINCH AVE W

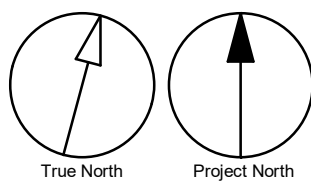
PROJECT NO:
9119-19- 0162 / Arcadis 30279056

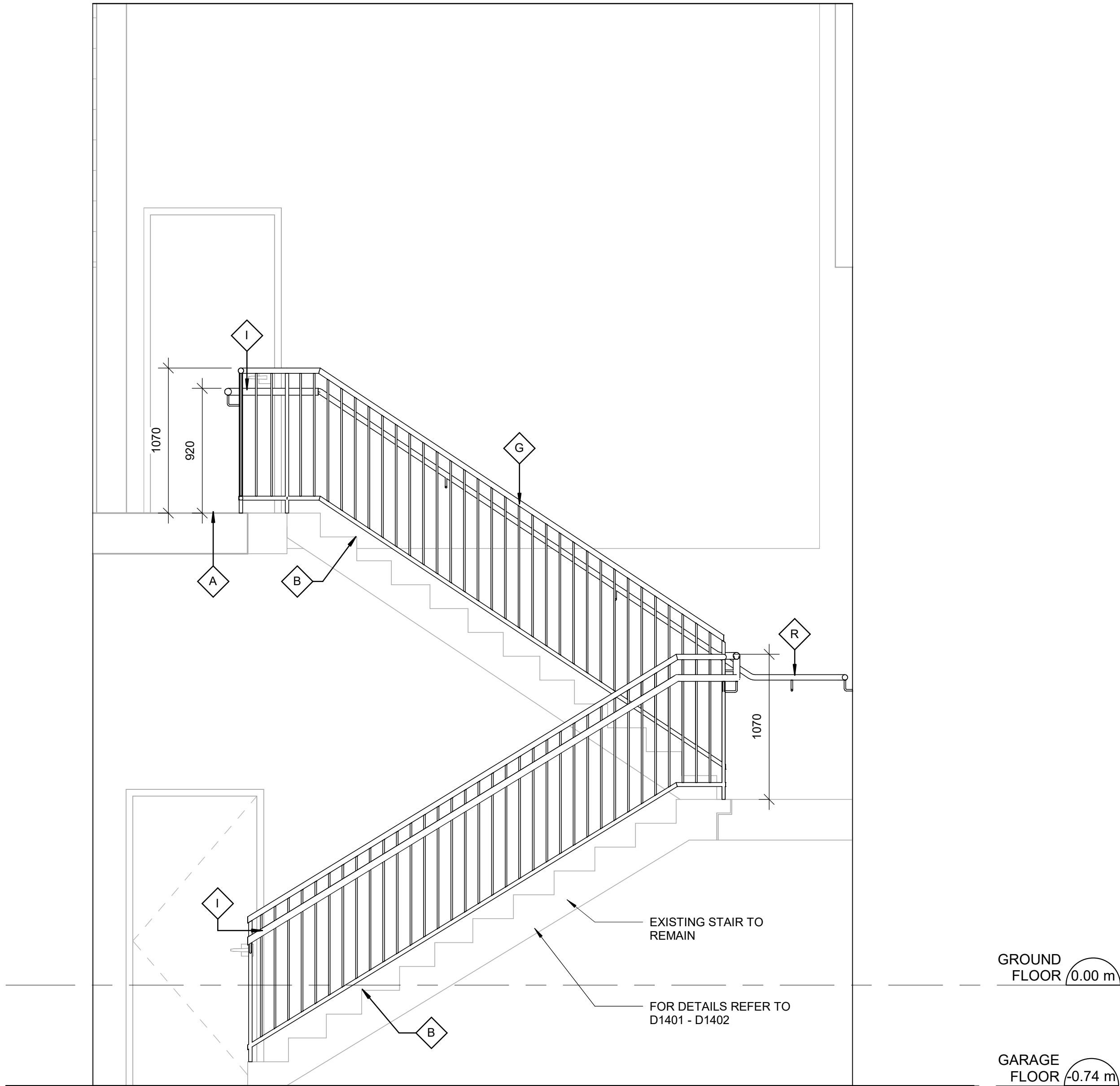
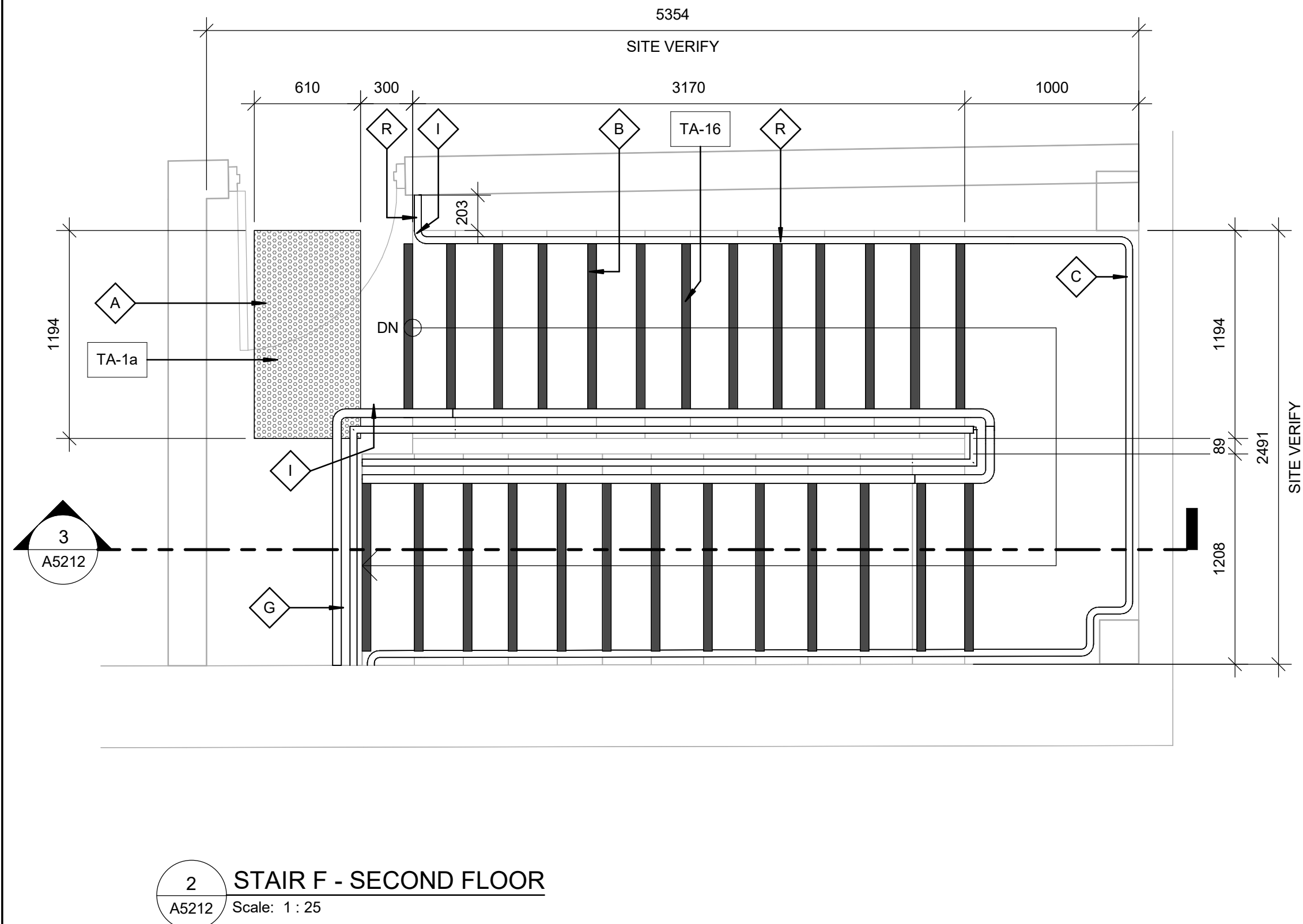
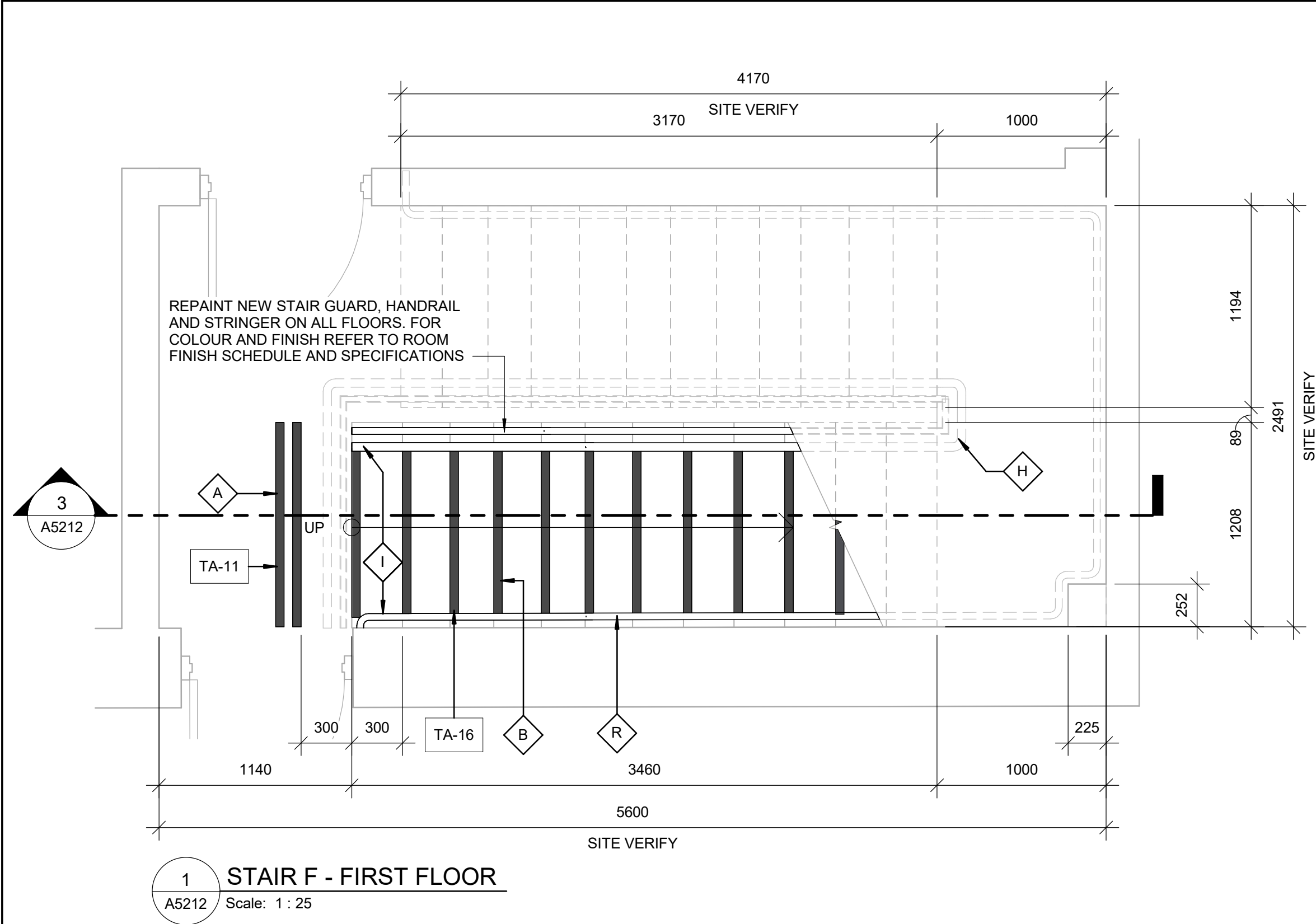
DRAWN BY: A. KVASNIUK	CHECKED BY: L. BANDIERA
PROJECT MGR: F. BOLOURIAN	APPROVED BY: E. FENUTA

SHEET TITLE
STAIR ELEVATIONS AND
PLANS

SHEET NUMBER
G05-010-A5211

ISSUE
D





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

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PROJECT TITLE

**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

**FINCH YARD - BLDG A
1026 FINCH AVE W**

PROJECT NO:
9119-19- 0162 / Arcadis 30279056

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

SHEET TITLE

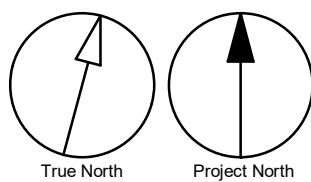
**STAIR ELEVATIONS AND
PLANS**

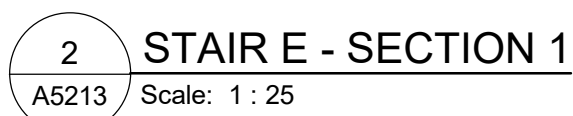
SHEET NUMBER

G05-010-A5212

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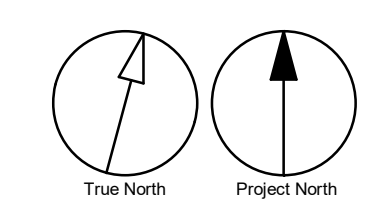
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PROJECT TITLE
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DRAWN BY: A. BOYNARIAN	CHECKED BY: L. BANDIERA
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SHEET NUMBER	ISSUE
G05-010-A5213	D



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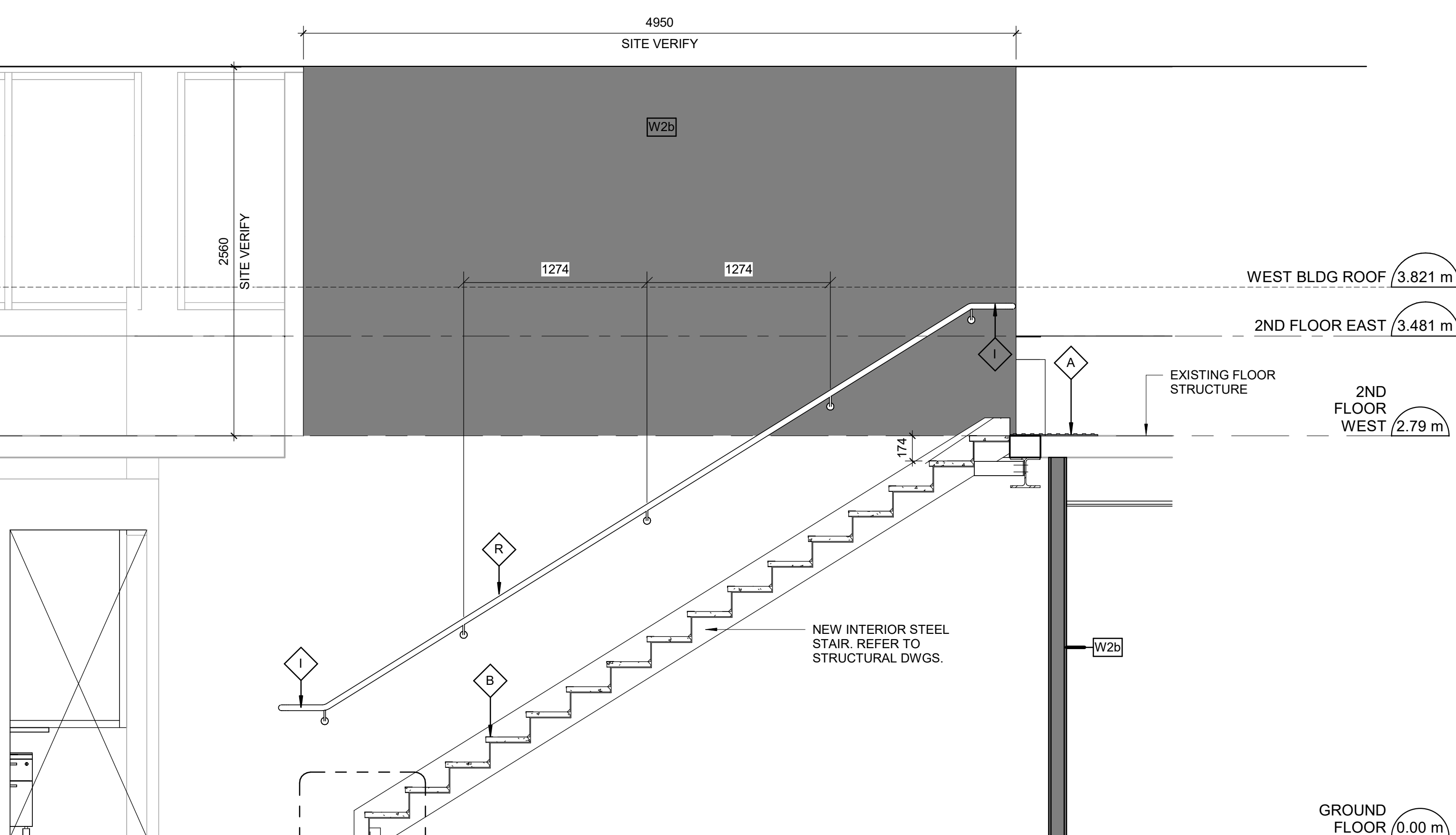
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PROJECT TITLE
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ACCESSIBILITY UPGRADES

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

SHEET TITLE
STAIR ELEVATIONS AND
PLANS

SHEET NUMBER	ISSUE
G05-010-A5214	D



Technical drawing showing a cross-section of a parapet wall and roof structure. The drawing includes the following labels and dimensions:

- PAN** (Partial label for Parapet)
- AD & RISER** (Partial label for Parapet)
- TREAD** (Label for the roof surface)
- NEW CONC. SLAB - REFER TO STRUCTURAL DWGS.** (Label for the new concrete slab)
- FIN. FLOOR** (Label for the finished floor level)
- 38** (Dimension indicating the height of the parapet wall above the finished floor)
- 125** (Dimension indicating the width of the parapet wall)
- ANGLE CLIP WELD TO CHANNEL STRINGER & BOLTED TO BEAM** (Label for the connection detail)
- W200 x 59 STEEL BEAM, REFER TO STRUCTURAL DWGS.** (Label for the steel beam)
- 5x25 FLAT BAR WELD TO CHANNEL STRINGER** (Label for the flat bar connection)

NON SLIP NOSING (TYP.)

102x102 MW18.7xMW18.7

19 SANITARY COVE

5x25 FLAT BAR WELD TO CHANNEL STRINGER

STEEL PLATE. REFER TO STRUCTURAL DWGS.

STEEL BEAM. REFER TO STRUCTURAL DWGS.

75

38

25

19

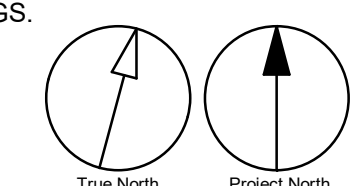
76x76x6.4 CLIP ANGLE
76 LONG WELDED TO CHANNEL & BOLTED TO STEEL PLATE

3.2 THICK METAL CLOSURE PLATE

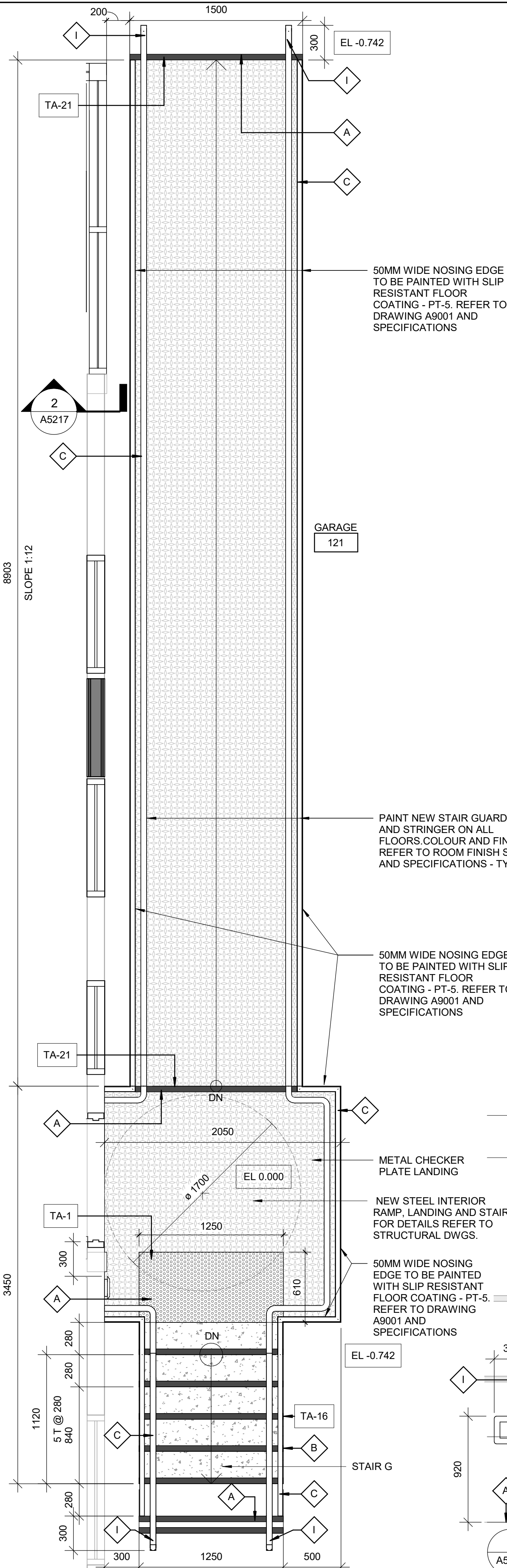
RISE (SEE SECTION)

TREAD

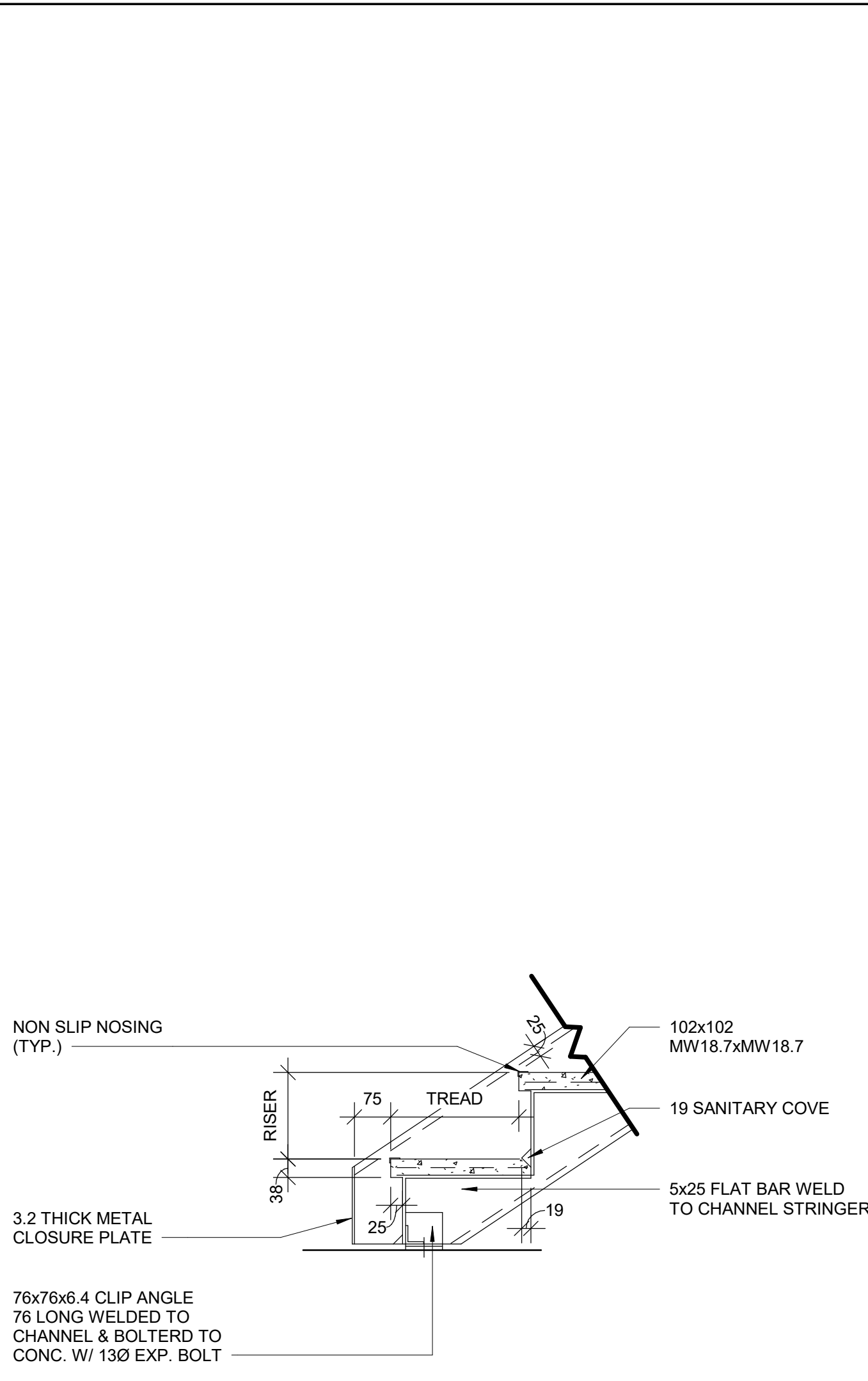
5 STAIR A DETAIL - BOTTOM
A5214 Scale: 1 : 10



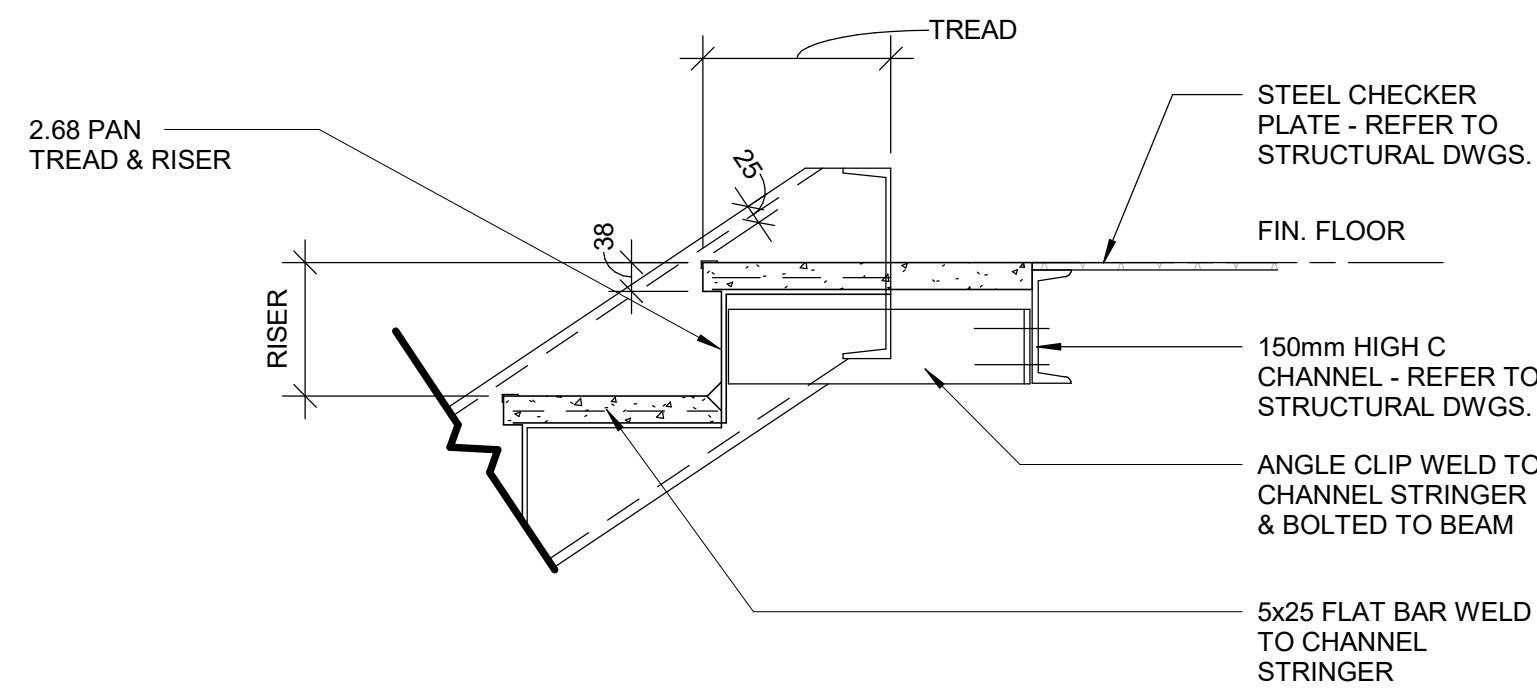
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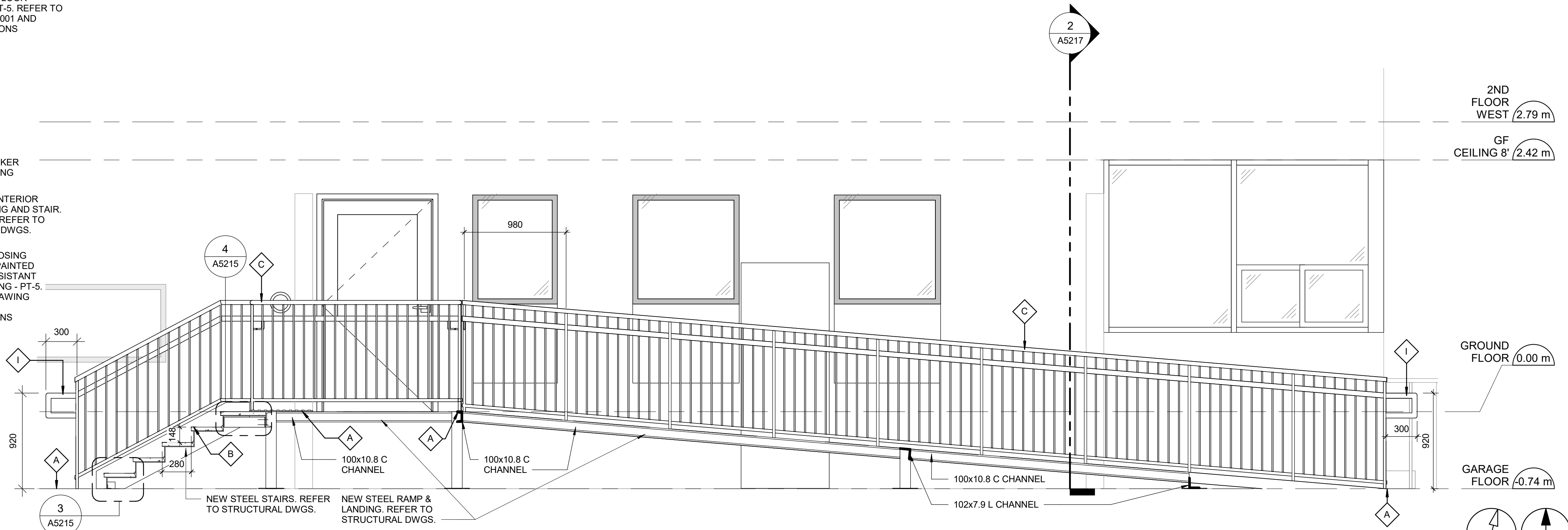
1 FIRST FLOOR-GARAGE 121 - NEW RAMP & STAIR PLAN
A5215 Scale: 1 : 25



3 STAIR G DETAIL - BOTTOM
A5215 Scale: 1 : 10



4 STAIR G DETAIL - LANDING
A5215 Scale: 1 : 10



2 NEW RAMP & STAIR - WEST ELEVATION
A5215 Scale: 1 : 25

CONSTRUCTION KEY NOTES

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

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B	90% SUBMISSION	2022-02-22
C	ISSUED FOR PERMIT	2022-03-18
D	ISSUED FOR TENDER	2025-04-11

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PROJECT TITLE
CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

FINCH YARD - BLDG A

1026 FINCH AVE W

PROJECT NO:
9119-19- 0162 / Arcadis 30279056

DRAWN BY:
A. BOLOURIAN / A.

PROJECT MGR:
F. BOLOURIAN

CHECKED BY:
L. BANDIERA

APPROVED BY:
E. FENUTA

SHEET TITLE
INTERIOR RAMP ELEVATION
& PLAN

SHEET NUMBER

G05-010-A5215

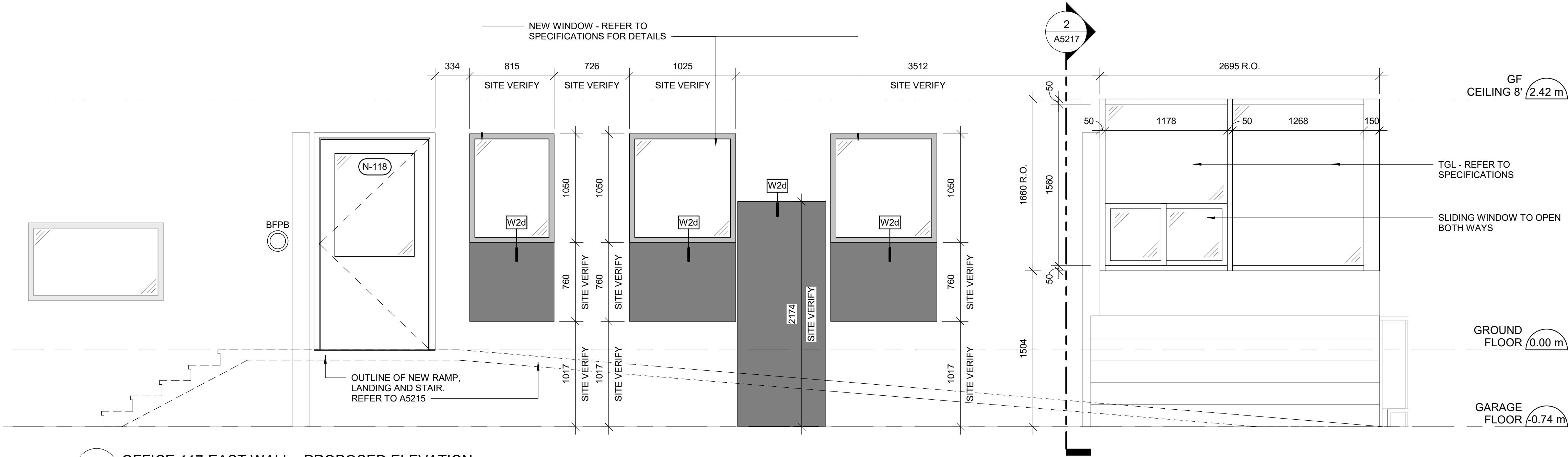
ISSUE

D

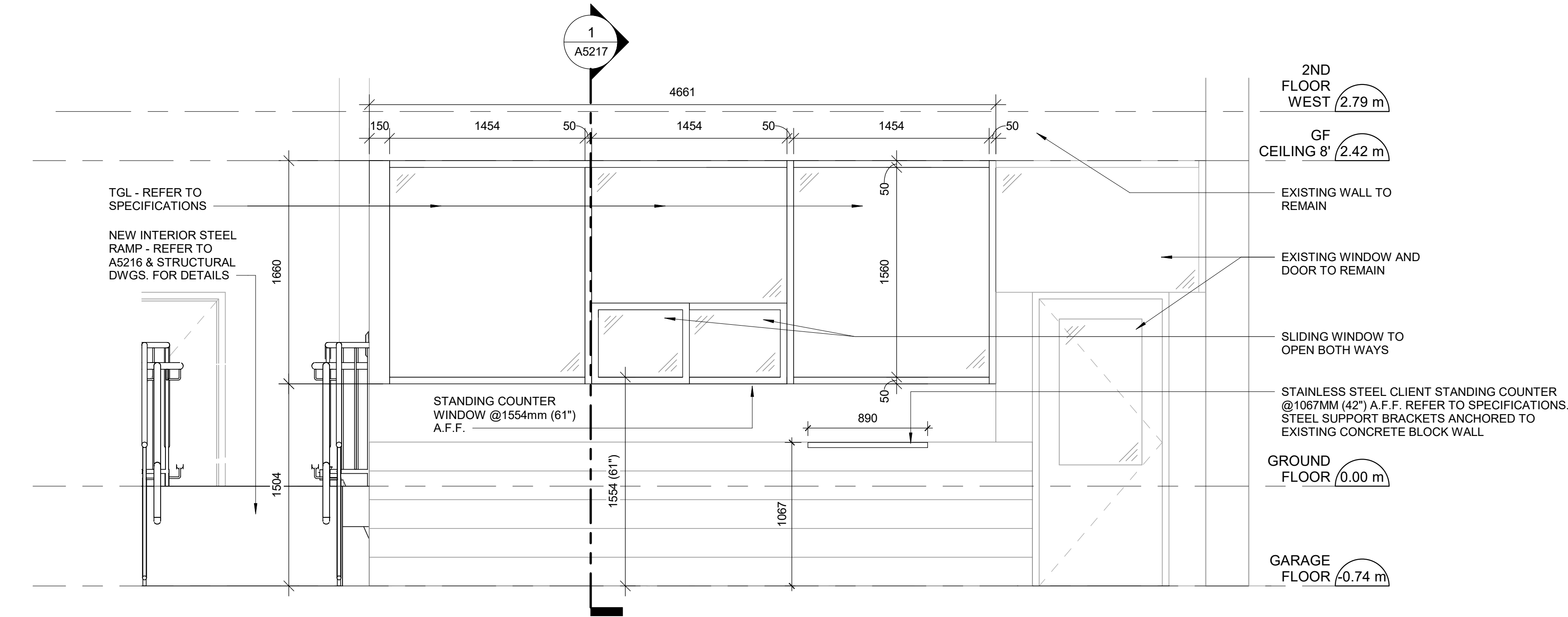
Autodesk Docs // 122260 - Cot TAU Upgrades R2024/12/26/5-10-1026FINCH_AA-R20.rvt

10mm

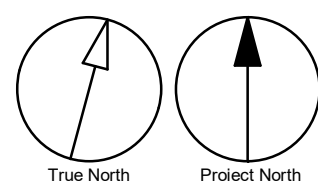
SCALE CHECK
1 in



1 OFFICE 117-EAST WALL - PROPOSED ELEVATION
A5216 Scale: 1 : 25



2 OFFICE 117-NORTH WALL - PROPOSED ELEVATION
A5216 Scale: 1 : 25



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Toronto, ON M6W 0C6, Canada
Tel: 416-679-1520
www.arcadis.com

PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

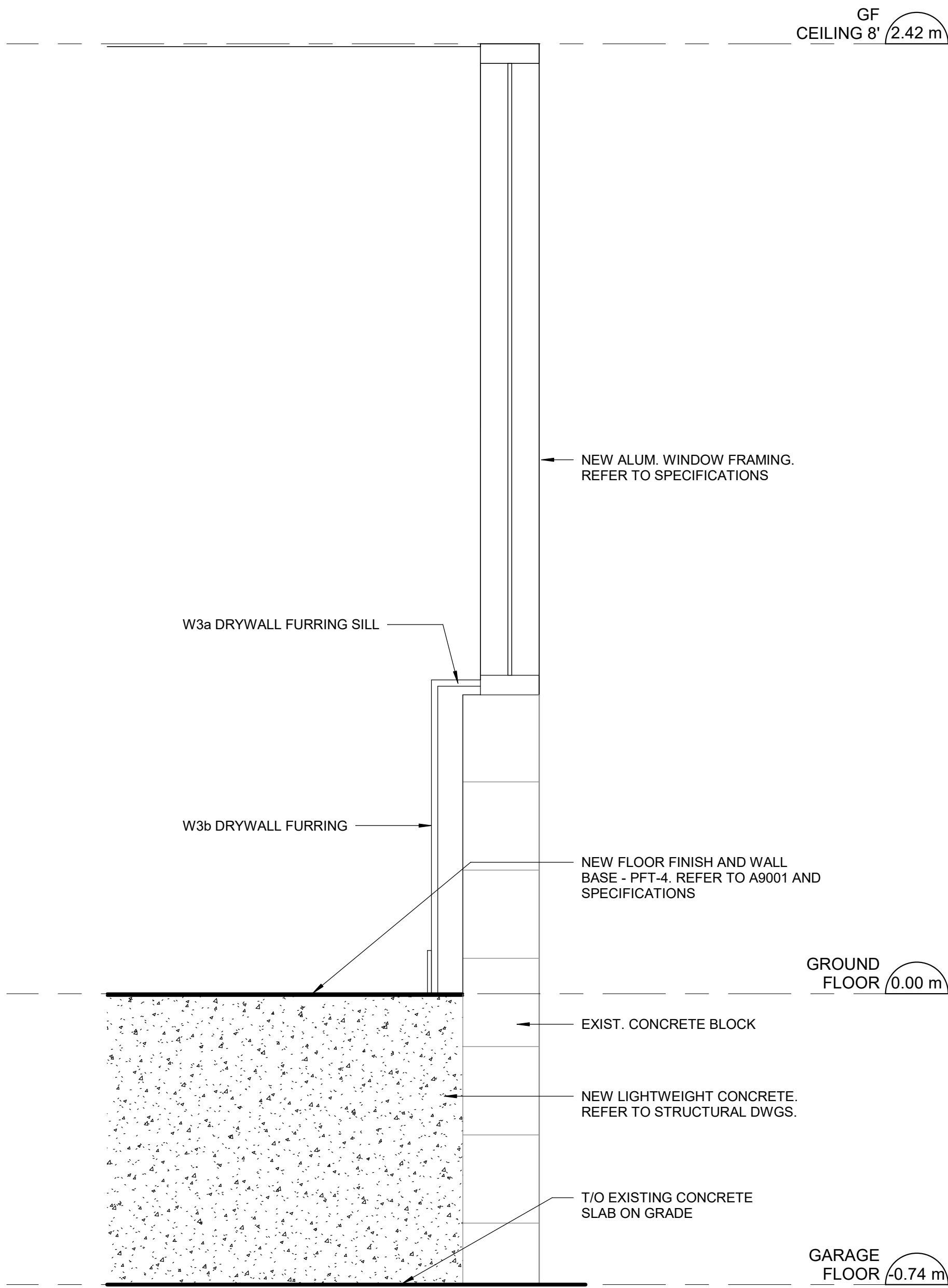
PROJECT ADDRESS
**FINCH YARD - BLDG A
1026 FINCH AVE W**

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

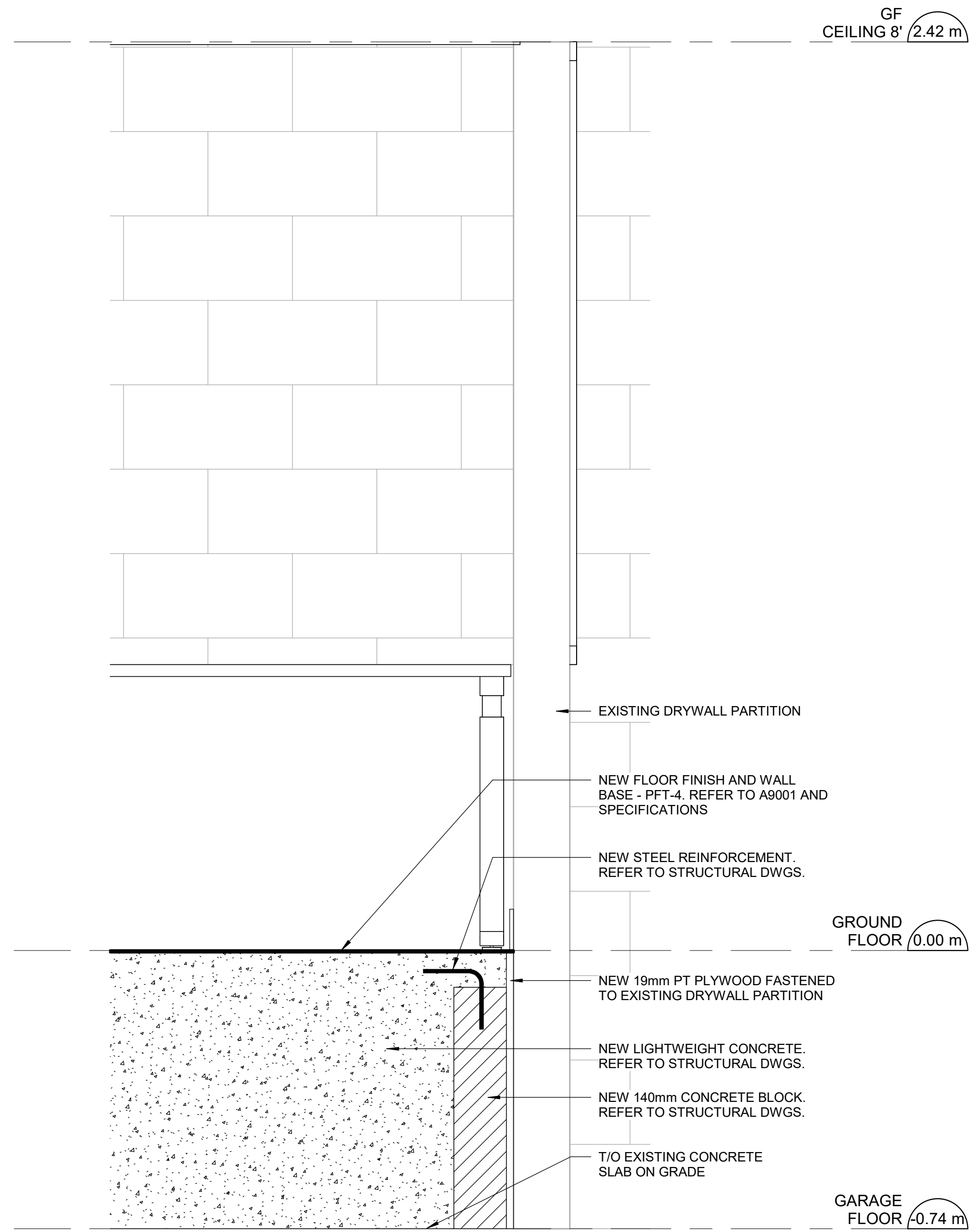
SHEET TITLE
INTERIOR ELEVATIONS

SHEET NUMBER
G05-010-A5216

ISSUE
D



1 SECTION DETAIL AT EXISITNG CONCRETE BLOCK
A5217 Scale: 1 : 10



2 SECTION DETAIL AT DRYWALL PARTITION
A5217 Scale: 1 : 10

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

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Tel 416-679-1030
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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**FINCH YARD - BLDG A
1026 FINCH AVE W**

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

SHEET TITLE
INTERIOR SECTIONS

SHEET NUMBER G05-010-A5217	ISSUE A
--------------------------------------	-------------------

CONSTRUCTION KEY NOTES

NO	DESCRIPTION
E	CONSTRUCT NEW KITCHEN MILLWORK. REFER TO MILLWORK DETAILS 1/D1301, 2/D1301, 3/D1301, 4/D1301, 1/D1302, 2/D1302, 3/D1302, 4/1302, 5/D1302, 6/D1302, 8/D1302.
F	INSTALL DRINKING FOUNTAIN - REFER TO DETAIL 5/D1301, 6/1301.

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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

CONSULTANTS

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PRIME CONSULTANT



100 - 175 Galaxy Blvd.
Toronto, ON M5W 1C8, Canada
Tel: 416-679-1000
www.arcadis.com

PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

FINCH YARD - BLDG A
1026 FINCH AVE W

PROJECT NO:

9119-19- 0162 / Arcadis 30279056

DRAWN BY:

A. BOYNARIAN/ A.

KYASNIUK

PROJECT MGR:

F. BOLOURIAN

CHECKED BY:

L. BANDIERA

APPROVED BY:

S. KEVORKIAN

SHEET TITLE

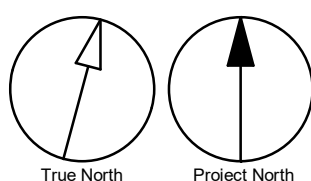
FIRST FLOOR PROPOSED
KITCHENETTES

SHEET NUMBER

G05-010-A7111

ISSUE

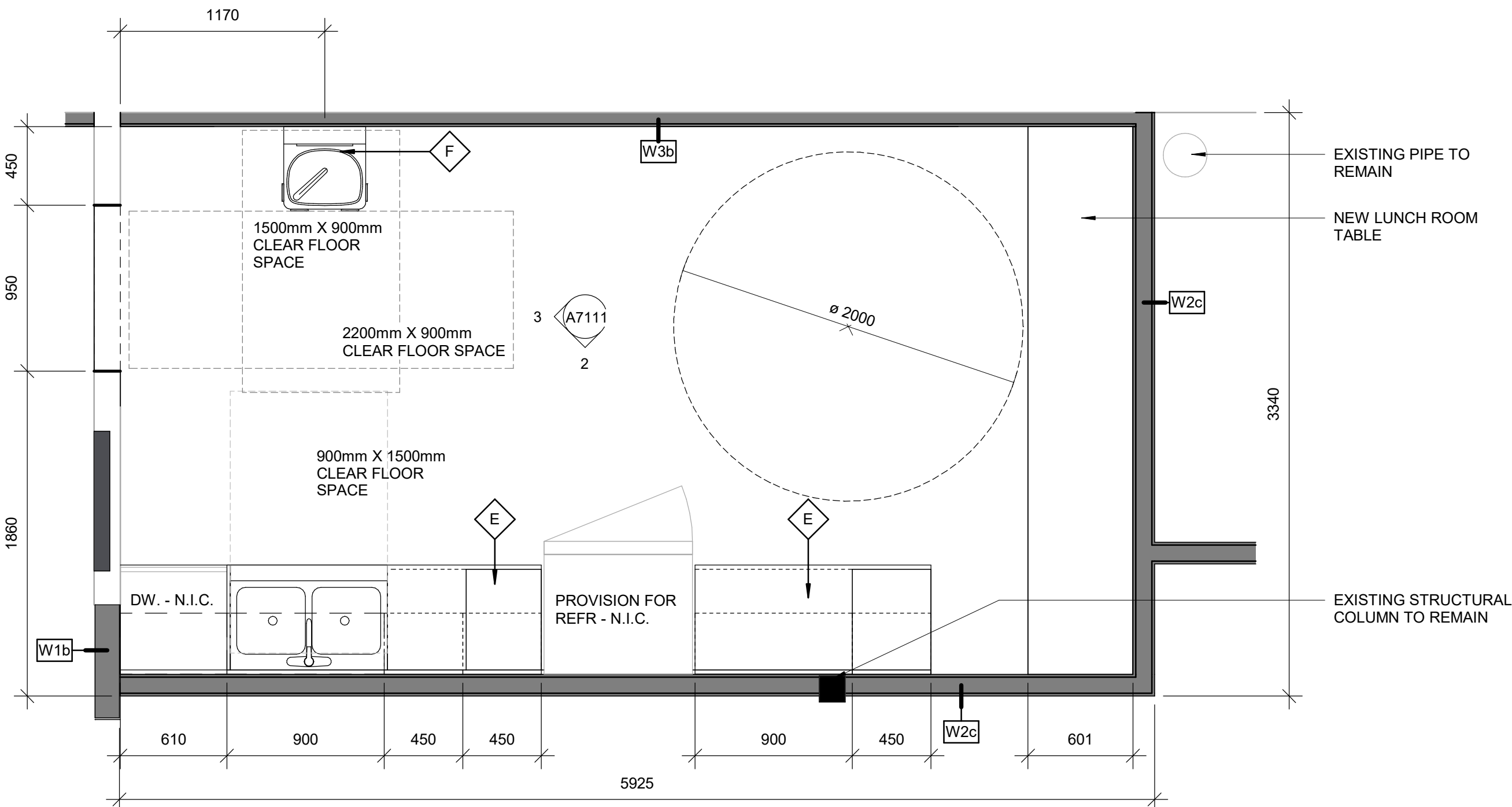
D



True North

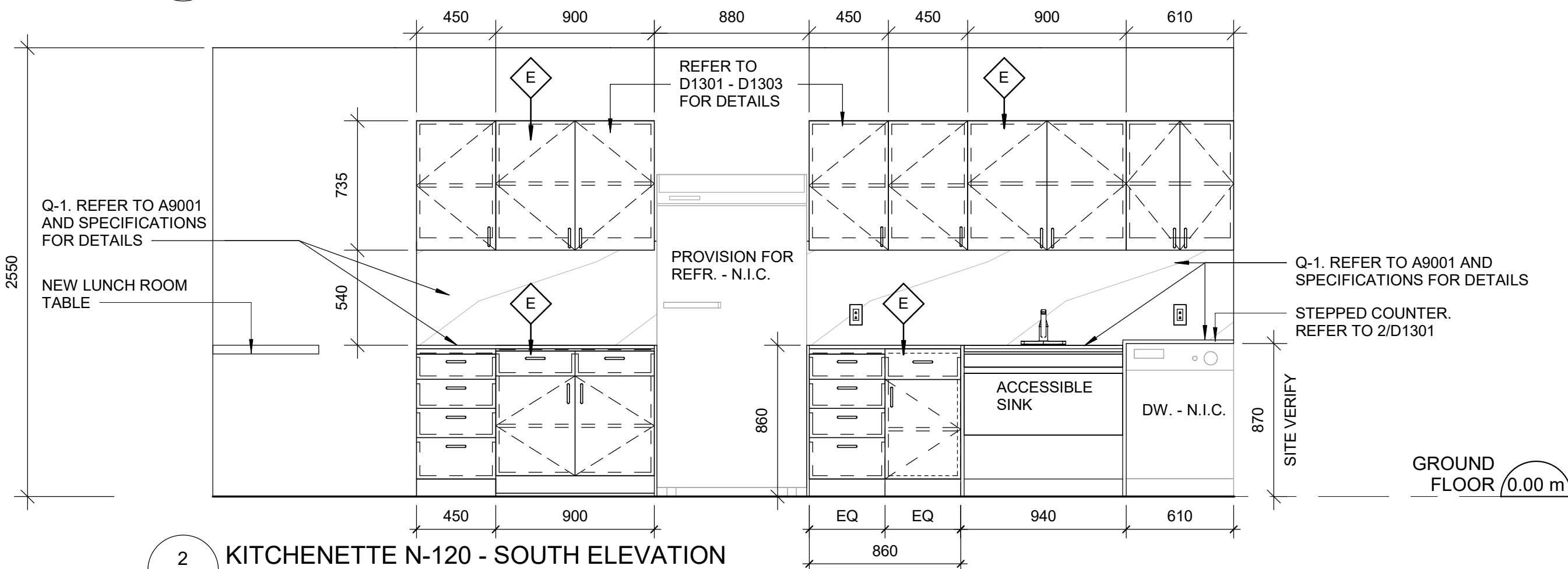
Project North

Autodesk Docs // 122260 - Cot TAU Upgrades R2024122260-5-10-1026FINCH_AA-R20.mxd
1/11



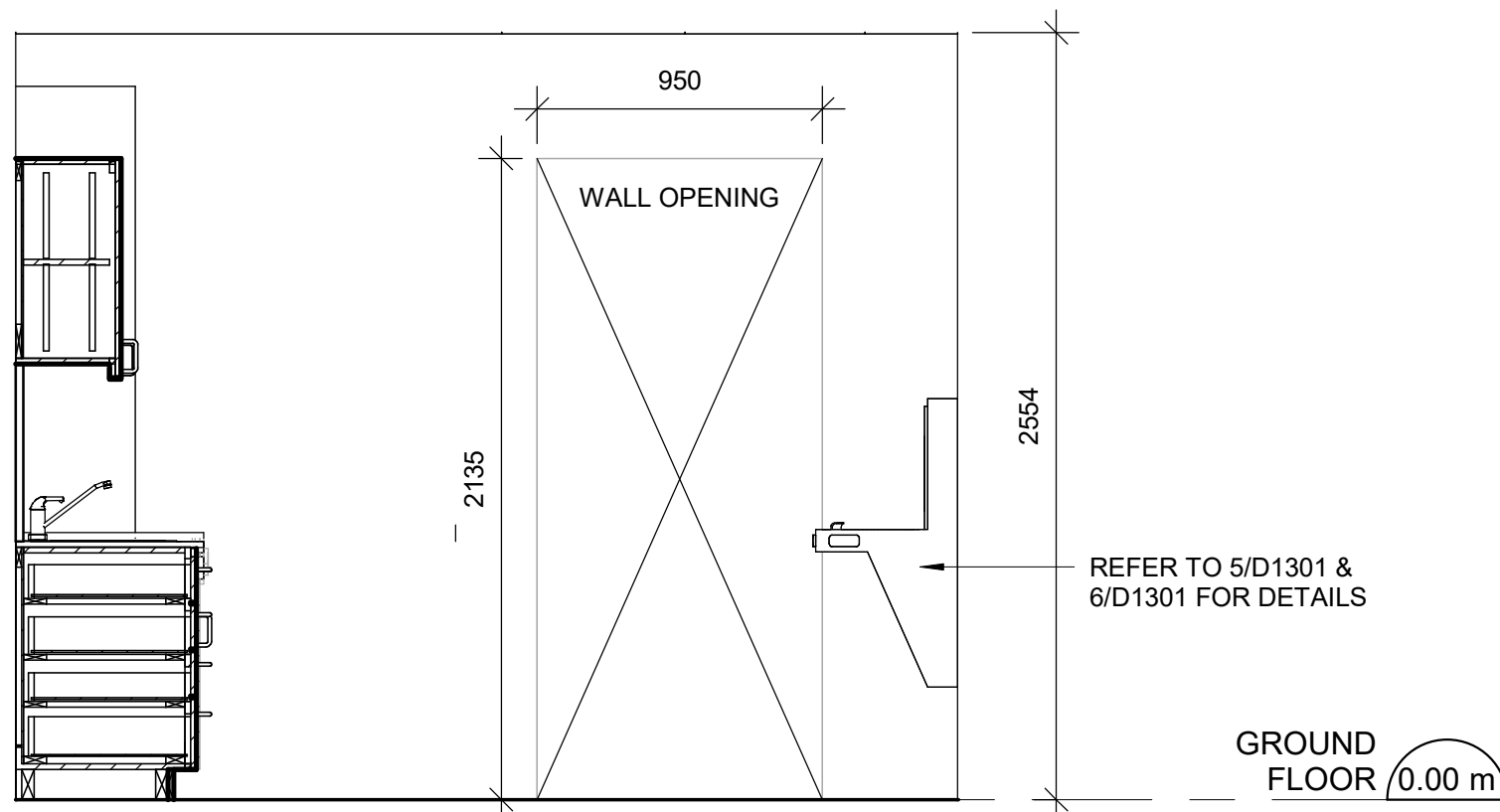
1 KITCHENETTE N-120 PLAN

A7111 Scale: 1 : 25



2 KITCHENETTE N-120 - SOUTH ELEVATION

A7111 Scale: 1 : 25



3 KITCHENETTE N-120 - WEST ELEVATION

A7111 Scale: 1 : 25

DOOR SCHEDULE															
DOOR NO.	LOCATION	DOOR				PANEL			FRAME		DOOR HARDWARE			FIRE RATING (MINUTES)	REMARKS
		TYPE	WIDTH	HEIGHT	THICKNESS	MAT.	FIN.	GLASS	MAT.	FIN.	SECURITY ACCESS CONTOL DEVICE	BFAO	PANIC DEVICE		
GARAGE FLOOR															
N-122	OPEN OFFICE	At	1067	2140	45	IHM	PT-3	ITGL	IHM	PT-3				NA	
N-123	OPEN OFFICE	A(L)	1067	2350	45	HM	PT-3	<->	HM	PT-3		*		NA	
GROUND FLOOR															
N-101B	CORRIDOR	FF	965	2350	45	HM	PT-3	GWG	HM	PT-3		*	*	45 MIN.	
N-104	OPEN OFFICE	C	1067	2350	45	HM	PT-3	TGL	HM	PT-3	*			NA	
N-106A	TRAINING ROOM	A	1067	2325	45	HM	PT-3	<->	HM	PT-3	KEY PAD DOOR HARDWARE			1 1/2 HR	PROVIDE NEW KEY PAD DOOR HARDWARE WITH NEW DOOR
N-109	CORRIDOR	A	1067	2325	45	HM	PT-3	<->	HM	PT-3				1 1/2 HR	
N-110	TRAINING ROOM	A	1067	2325	45	HM	PT-3	<->	HM	PT-3				1 1/2 HR	
N-110B	CORRIDOR	A	1067	2135	45	HM	PT-3	<->	HM	PT-3				1 1/2 HR	
N-110C	CORRIDOR	B	1067	2135	45	HM	PT-3	FRG	HM	PT-3		*		1 1/2 HR	
N-111	CORRIDOR	C	1067	2120	45	HM	PT-3	GWG	HM	PT-3				NA	
N-112	MEN'S WASHROOM	A(L)	1067	2135	45	HM	PT-3	<->	HM	PT-3		*		NA	
N-114	UNIVERSAL WASHROOM	A(L)	1067	2325	45	HM	PT-3	<->	HM	PT-3		*		NA	
N-115A	CORRIDOR	A(L)	915	2135	45	HM	PT3	<->	HM	PT3		*		NA	
N-116	JANITOR CLOSET	A(L)	915	2135	45	HM	PT-3	<->	HM	PT-3				45 MIN.	
N-118	OFFICE AREA	C	1067	2045	45	HM	PT-3	TGL	HM	PT-3	*		NA		
N-140	STORAGE	A	915	2135	45	HM	PT-3	<->	HM	PT-3			1 1/2 HR		
NE-101A	VESTIBULE	EXIST	850	2250	45	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	*	EXIST	EXIST	EXISTING DOOR TO REMAIN. NEW ADO TO OPERATE BOTH DOORS SIMULTANEOUSLY. NEW BFPB TO BE PROVIDED.
NE-106B	CORRIDOR	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	REPLACE EXISTING LATCH SET WITH LEVER TYPE HARDWARE
NE-107	CORRIDOR	EXIST	915	2130	45	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	REPLACE EXISTING LATCH SET WITH LEVER TYPE HARDWARE
2ND FLOOR EAST															
N-118F	LUNCH ROOM	C	860	2135	45	HM	PT-3	TGL	HM	PT-3				NA	
N-201	STAIR D	C	860	2135	45	HM	PT-3	TGL	HM	PT-3				NA	

DOOR SCHEDULE GENERAL NOTES

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

DOOR ABBREVIATIONS

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

CLIENT

CITY OF TORONTO



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

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PROJECT MGR:

F. BOLOURIAN

CHECKED BY:

L. BANDIERA

APPROVED BY:

E. FENUTA

SHEET TITLE

DOOR AND ROOM FINISH
SCHEDULE

SHEET NUMBER

G05-010-A9001

ISSUE

E

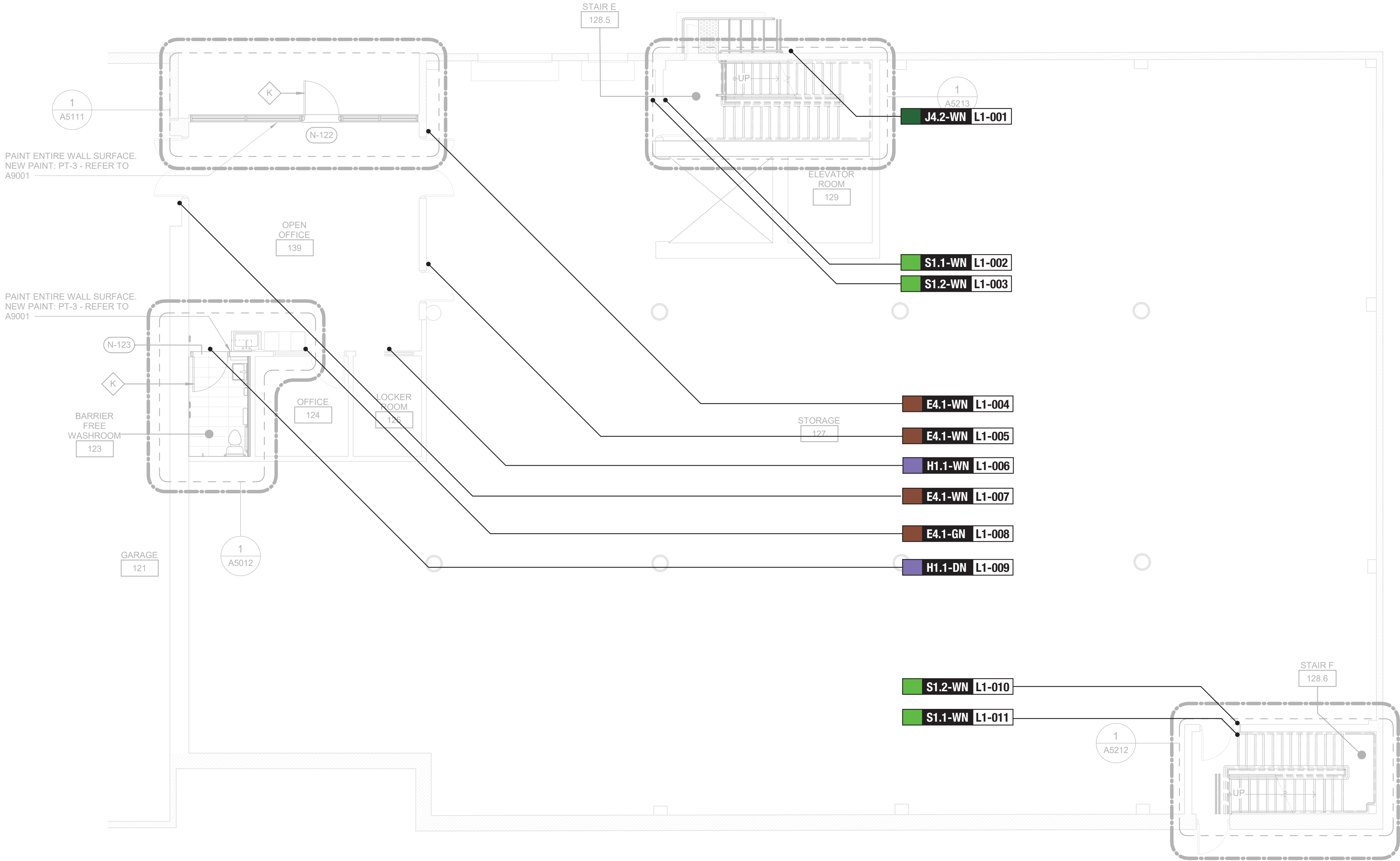
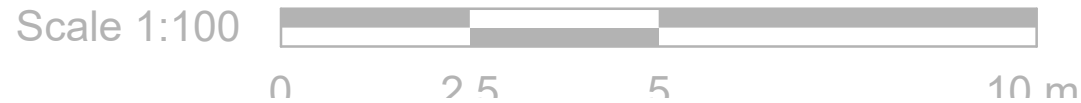
ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FLOOR		BASE		NORTH		EAST		SOUTH		WEST		CEILING			NOTES	
		MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	HEIGHT		
GARAGE FLOOR																		
123	BARRIER FREE WASHROOM	EXIST	PFT-4	CWT-4	CWT-4	EXIST	CWT-1, CWT-3, CWT-4	GB	CWT-1, CWT-3, CWT-4	EXIST	CWT-1, CWT-3, CWT-4	EXIST	CWT-1, CWT-3, CWT-4	EXIST	EXIST	EXIST	PAINT STAIR GUARD, HANDRAIL AND STRINGER - PT-3. PAINT STAIR GUARD, HANDRAIL AND STRINGER - PT-3.	
128.5	STAIR E	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST		
128.6	STAIR F	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST		
139	OPEN OFFICE	EXIST	EXIST	EXIST, RB-1	EXIST, MATCH EXIST.	EXIST	PT-3	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST		
GROUND FLOOR																		
101	VESTIBULE	EXIST	EXIST	EXIST	PT-3	EXIST	PT-3	EXIST	PT-3	EXIST	PT-3	EXIST	PT-3	EXIST	EXIST	EXIST	PAINT STAIR GUARD, HANDRAIL AND STRINGER - PT-3.	
103	CORRIDOR	EXIST	EXIST	EXIST	PT-3	EXIST	PT-3	EXIST, CONC.	PT-3	EXIST	PT-3	EXIST	PT-3	EXIST	EXIST	EXIST		
104	OPEN OFFICE	EXIST	EXIST	EXIST	EXIST, PT-3	EXIST	PT-3	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST		
106	TRAINING ROOM	EXIST	EXIST	EXIST	EXIST, PT-3	EXIST	PT-3	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST		
109	CORRIDOR	EXIST	EXIST	EXIST, PFT-4	EXIST, PFT-4	GB	PT-1	EXIST	PT-1	EXIST	PT-1	EXIST	PT-1	EXIST	EXIST	EXIST		
110	TRAINING ROOM	EXIST	EXIST	EXIST, PFT-4	EXIST, PFT-4	GB	PT-1	EXIST	PT-1	EXIST, GB	PT-1	EXIST, CONC	PT-1	EXIST	EXIST	EXIST		
110D	STAIR A	CONC	PFT-4	PFT-4	PFT-4	-	-	EXIST	PT-1	GB	PT-1	GB	PT-1	EXIST, ACT	EXIST, PREF	EXIST, 2415		
110E	CORRIDOR	EXIST	PFT-4	EXIST, PFT-4	EXIST, PFT-4	EXIST	PT-3	EXIST, GB	PT-3	EXIST, CONC	PT-3	EXIST	PT-3	EXIST	EXIST	EXIST		
112	MEN'S WASHROOM	EXIST	PFT-4, PFT-2	CWT-4	CWT-4	EXIST, GB	CWT-1, CWT-3, CWT-4	EXIST, GB	CWT-1, CWT-3, CWT-4	EXIST, GB	CWT-1, CWT-3, CWT-4	EXIST, GB	CWT-1, CWT-3, CWT-4	GB	PT-2	2800		
113	MEN'S CHANGE ROOM	EXIST	PFT-4	PFT-4	PFT-4	EXIST, GB	PT-1	EXIST, GB	PT-1	EXIST	PT-1	EXIST, GB	PT-1	GB	PT-2	2800		
114	UNIVERSAL WASHROOM	EXIST	PFT-4, PFT-2	CWT-4	CWT-4	GB	CWT-1, CWT-3, CWT-4	GB	CWT-1, CWT-3, CWT-4	GB	CWT-1, CWT-3, CWT-4	GB	CWT-1, CWT-3, CWT-4	GB	PT-2	2600		
118	OFFICE AREA	CONC	PFT-4	PFT-4	PFT-4	EXIST	PT-1	EXIST, CONC	PT-1	EXIST, GB	PT-1	EXIST, GB	PT-1	ACT	PREF	2415		
119	STORAGE	EXIST	EXIST	EXIST, RB-1	EXIST, MATCH EXIST.	EXIST, GB	PT-3	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST		
120	KITCHEN	EXIST	PFT-4	PFT-4	PFT-4	GB	PT-1	GB	PT-1	GB	PT-1	GB	PT-1	ACT	PREF	2550		
133	STORAGE	EXIST	EXIST	EXIST, RB-1	EXIST, MATCH EXIST.	EXIST	PT-3	EXIST	PT-3	GB	PT-3	GB	PT-3	ACT	PREF	2550		
135	STAIR B	EXIST	PFT-4	PFT-4	PFT-4	EXIST	PT-3	EXIST	PT-3	GB	PT-3	GB	PT-3	EXIST	EXIST	EXIST		
136	JANITOR CLOSET	EXIST	PFT-4	PFT-4	PFT-4	EXIST	PT-1	EXIST, GB	PT-1	GB	PT-1	EXIST, GB	PT-1	GB	PT-2	2800		
137	WOMEN'S CHANGE ROOM	EXIST	PFT-4	PFT-4	PFT-4	EXIST, GB	PT-1	EXIST, GB	PT-1	GB	PT-1	EXIST	PT-1	GB	PT-2	2600		
138	WOMEN'S WASHROOM	EXIST	PFT-4, PFT-2	CWT-4	CWT-4	EXIST, GB	CWT-1, CWT-3, CWT-4	GB	CWT-1, CWT-3, CWT-4	GB	CWT-1, CWT-3, CWT-4	GB	CWT-1, CWT-3, CWT-4	GB	PT-2	2600		
140	STORAGE	EXIST	EXIST	EXIST, RB-1	EXIST, MATCH EXIST.	GB	PT-3	EXIST	PT-3	EXIST	PT-3	EXIST, GB	PT-3	EXIST, ACT	EXIST, PREF	2300		
144	VESTIBULE	EXIST	PFT-4	PFT-4	PFT-4	GB	PT-1	EXIST, GB	PT-1	-	-	GB	PT-1	ACT	PREF	2405		
2ND FLOOR EAST																		
110C	STAIR D	CONC	PFT-4	PFT-4	PFT-4	EXIST	PT-1	GB	PT-1	GB	PT-1	EXIST	PT-1	EXIST	EXIST	EXIST		PAINT STAIR GUARD, HANDRAIL AND STRINGER - PT-3.
115	STAIR E	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST		PAINT STAIR GUARD, HANDRAIL AND STRINGER - PT-3.
117	STAIR F	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	PAINT STAIR GUARD, HANDRAIL AND STRINGER - PT-3.	
201	LUNCH ROOM	EXIST	EXIST	EXIST, PFT-4	EXIST, PFT-4	EXIST, GB	PT-3	EXIST	EXIST	EXIST	EXIST	EXIST, GB	EXIST, PT-3	EXIST	EXIST	EXIST		
202	OFFICE	EXIST, CONC	EXIST, PFT-4	EXIST, RB-1	EXIST, MATCH EXIST.	EXIST	EXIST	EXIST	EXIST	EXIST, GB	PT-3	EXIST	EXIST, GB	EXIST	EXIST	EXIST		

ROOM FINISH 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-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
MAT-1	ANTI FATIGUE MATTING	EC20	SILVER	40"X70"		FORBO	REQUEST NON-BEVELED EDGES
PFT-1	PORCELAIN FLOOR TILE	200	SMOOTH(V)	304.8mm X 609.6mm (12"X24")	CORE COLLECTION TERRA	MOSA TILE	WASHROOM FLOORS
PFT-2	PORCELAIN FLOOR TILE	TAUPE	MATTE	50mm X 50mm (2"X2")	ROC BASIC	STONE TILE	SHOWER FLOOR TILE
PFT-4	PORCELAIN FLOOR TILE	76010	SMOOTH(V)	304.8mm X 304.8mm (12"X12")	GLOBAL COLLECTION/ GLOBALGRIP	MOSA TILE	
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	
PT-3	PAINT	MATCH EXISTING PAINT	TBD	N/A		BENJAMIN MOORE	CEILINGS
PT-5	SLIP RESISTANT HIGH PROFILE COATING	79020 YELLOW	N/A	N/A	79015 TO 79033 (EPICOTE HP)	NO SKIDDING	
PT-8	PAINT	HC-190	N/A	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	

022-02-17 2:12:05 PM



CONSTRUCTION KEY LEGEND

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

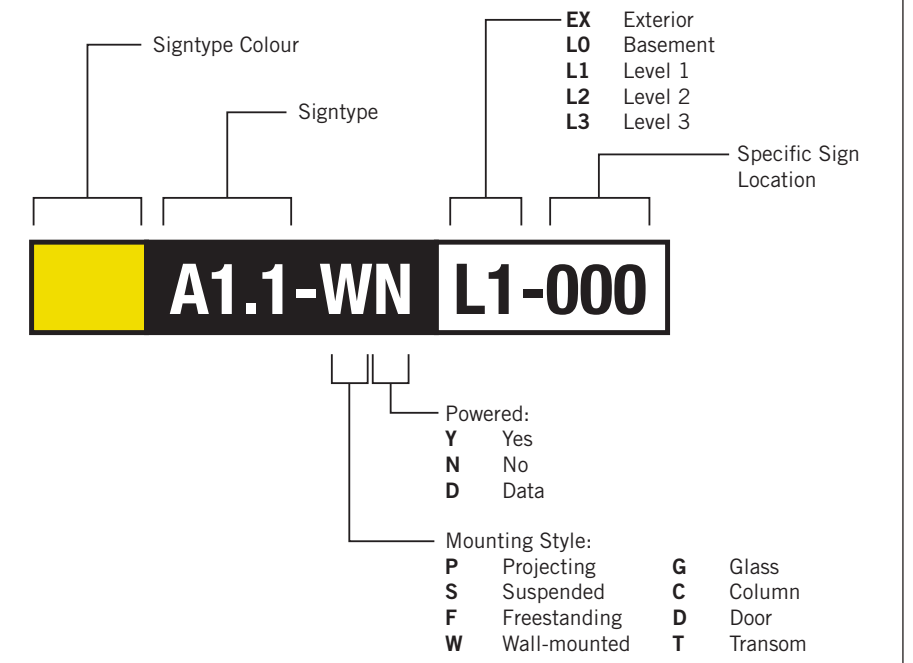
CONSTRUCTION GENERAL NOTES

- NEW DOOR CARD READER AND BARRIER FREE PUSH BUTTON TO BE COORDINATED WITH ELECTRICAL DRAWINGS FOR LOCATION AND HEIGHT INSTALLATION REFER TO ARCHITECTURAL DETAIL BOOKLET.
- REROUTE ELECTRICAL SERVICES FROM EXISTING TO NEW LOCATION. REINSTALL ALL ELECTRICAL SWITCHES, RECEPTACLES, CARD READERS AND PULL STATIONS AT ACCESSIBLE HEIGHT AS IDENTIFIED IN THE ELECTRICAL DRAWINGS.
- REPAINT ENTIRE WALL AFTER WALL-MOUNTED HANDRAIL REPLACEMENT – UNLESS OTHERWISE NOTED. COLOUR AND FINISH TO MATCH EXISTING

CONSTRUCTION KEY NOTES

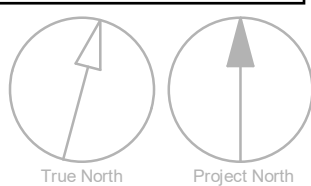
NO	DESCRIPTION
K	INSTALL NEW DOOR AND FRAME. REFER TO DOOR SCHEDULE A9001, G0004 AND DOOR HARDWARE SCHEDULE IN THE SPECIFICATIONS.

SIGN TAG LEGEND



SIGN TAG LEGEND

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



CLIENT

CITY OF TORONTO



55 John ST.
TORONTO, ON
M5V 3C6

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ISSUES

No.	DESCRIPTION	DATE
A	ISSUED FOR TENDER	2022-04-08

CONSULTANTS

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

SEAL

PRIME CONSULTANT



100 - 175 Galloway Blvd.
Toronto, ON M9W 0G3, Canada
tel 416 678 1530
www.arcadis.com

PROJECT TITLE

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FINCH YARD
1026 FINCH AVE W

PROJECT NO:

9119 - 19 - 0162 / Arcadis 30279056

DRAWN BY:

M.LOW

CHECKED BY:

C.D. SCHNOBB

PROJECT MGR:

R. DALY

APPROVED BY:

SHEET TITLE

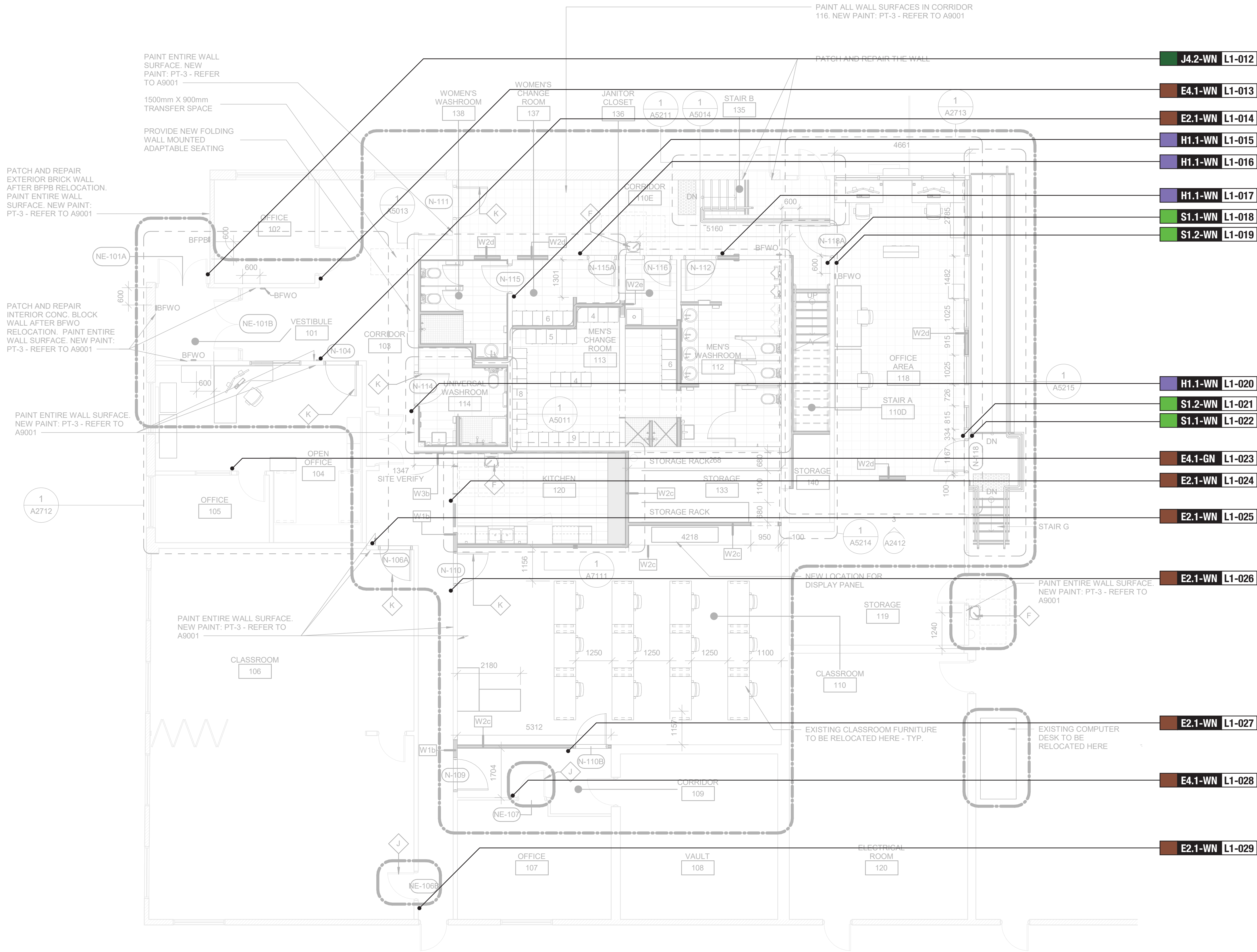
SIGNAGE & WAYFINDING
DETAILS
LEVEL 1E LOCATION PLAN

SHEET NUMBER

G05-010-A8010

ISSUE

A



1 FIRST FLOOR PROPOSED PLAN - WEST
A2412 Scale: 1 : 75

CONSTRUCTION KEY LEGEND

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

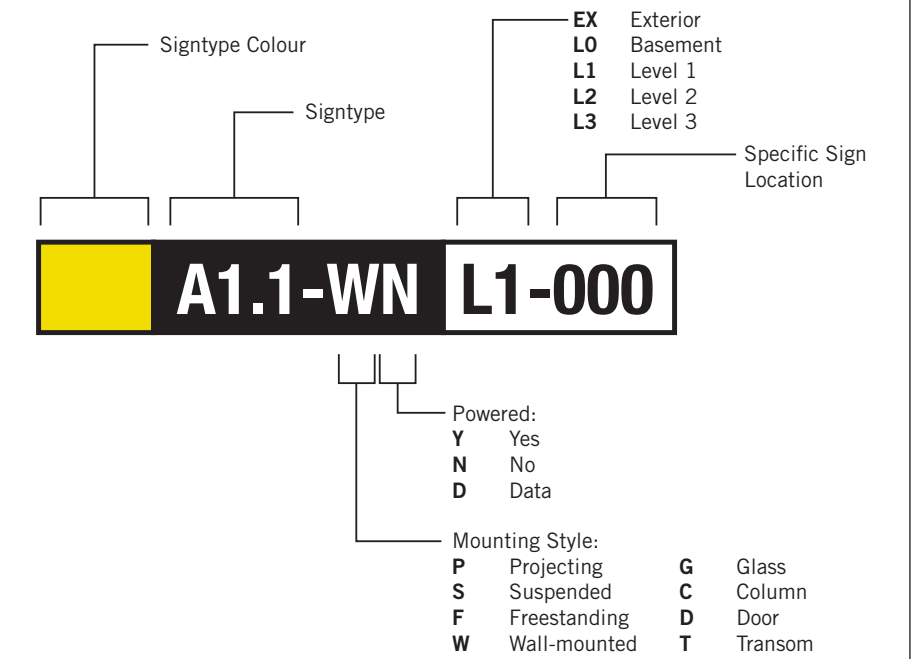
CONSTRUCTION GENERAL NOTES

- NEW DOOR CARD READER AND BARRIER FREE PUSH BUTTON TO BE COORDINATED WITH ELECTRICAL DRAWINGS FOR LOCATION AND HEIGHT INSTALLATION REFER TO ARCHITECTURAL DETAIL BOOKLET.
- REROUTE ELECTRICAL SERVICES FROM EXISTING TO NEW LOCATION. REINSTALL ALL ELECTRICAL SWITCHES, RECEPTACLES, CARD READERS AND PULL STATIONS AT ACCESSIBLE HEIGHT AS IDENTIFIED IN THE ELECTRICAL DRAWINGS.
- REPAINT ENTIRE WALL AFTER WALL-MOUNTED HANDRAIL REPLACEMENT - UNLESS OTHERWISE NOTED. COLOUR AND FINISH TO MATCH EXISTING

CONSTRUCTION KEY NOTES

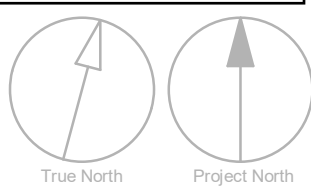
- | NO | DESCRIPTION |
|----|--|
| F | INSTALL DRINKING FOUNTAIN - REFER TO DETAIL 5/D1301, 6/1301. |
| J | EXISTING DOOR TO REMAIN. DOOR HARDWARE TO BE CHANGED AS PER DOOR SCHEDULE ON A9001 AND DOOR HARDWARE SCHEDULE IN THE SPECIFICATIONS. |
| K | INSTALL NEW DOOR AND FRAME. REFER TO DOOR SCHEDULE A9001, G0004 AND DOOR HARDWARE SCHEDULE IN THE SPECIFICATIONS. |

SIGN TAG LEGEND



SIGN TAG LEGEND

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



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ISSUES

No.	DESCRIPTION	DATE
A	ISSUED FOR TENDER	2022-04-08

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Toronto, ON M9W 0G3, Canada
tel 416 678 1530
www.arcadis.com

PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

FINCH YARD
1026 FINCH AVE W

PROJECT NO:

9119 - 19 - 0162 / Arcadis 30279056

DRAWN BY:

M.LOW

CHECKED BY:

C.D. SCHNOBB

PROJECT MGR:

R. DALY

APPROVED BY:

SHEET TITLE

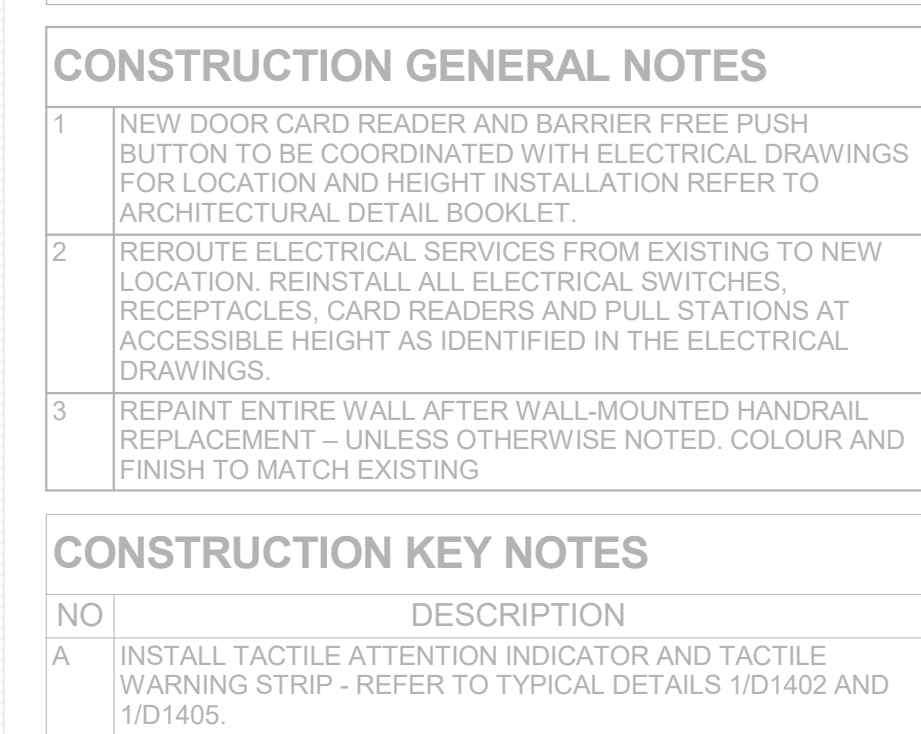
SIGNAGE & WAYFINDING
DETAILS
LEVEL 1W LOCATION PLAN

SHEET NUMBER

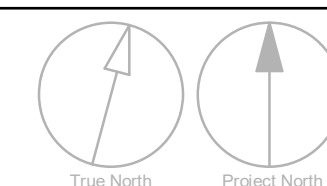
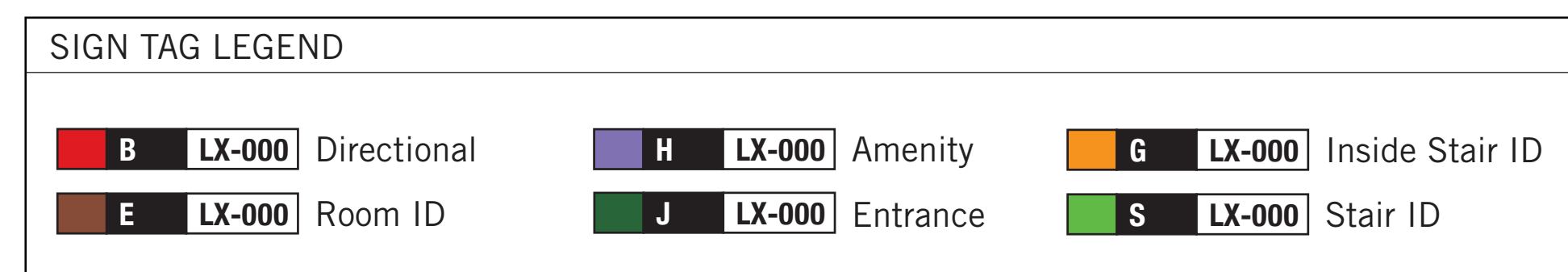
G05-010-A8011

ISSUE

A



1 SECOND FLOOR PROPOSED - EAST
A2422 Scale: 1 : 75



SHEET NUMBER G05-010-A8020	ISSUE A
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KEYPLAN


L1

SIGN CODE	LEVEL	LOC #	SIGN TYPE DESCRIPTION	SIDE A	SIDE B	STATUS	REV. DATE
				MESSAGE (English)	MESSAGE (English)		
J4.2	L1	001	Accessible Entrance ID - Exterior	[accessible picto] Dental Entrance Braille			
S1.1	L1	002	Stair ID - Inside Stairwell	Floor 1 Braille Stairwell E TBD Braille			
S1.2	L1	003	Stair ID - Corridor Side	[stairs picto] Floor 1 Braille Stairwell E TBD Braille			
E4	L1	004	Insert Holder				
E4	L1	005	Insert Holder				
H1.1	L1	006	Amenity ID	[universal lockers picto] Lockers Braille			
E4	L1	007	Insert Holder				
E4	L1	008	Insert Holder				
H1.1	L1	009	Amenity ID	[accessible universal washroom picto] Washroom Braille			
S1.2	L1	010	Stair ID - Corridor Side	[stairs picto] Floor 1 Braille Stairwell F TBD Braille			
S1.1	L1	011	Stair ID - Inside Stairwell	Floor 1 Braille Stairwell F TBD Braille			
J4.2	L1	012	Accessible Entrance ID - Exterior	[accessible picto] Entrance Braille			
E4	L1	013	Insert Holder				
E2.1	L1	014	Room ID	Service Counter Braille			
H1.1	L1	015	Amenity ID	[female washroom picto] Women Braille			
H1.1	L1	016	Amenity ID	[female changeroom picto] Women's Changeroom Braille			
H1.1	L1	017	Amenity ID	[male changeroom picto] Men's Changeroom Braille			

SIGN TYPE	SIGN TYPE DESCRIPTION	COUNT
B1.1	Directional	0
E2.1	Room ID	8
E2.2	Line Room ID	0
E4	Insert Holder	8
H1.1	Amenity ID	7
H2.1	Projecting Amenity ID	0
J4.2	Accessible Entrance ID - Exterior	2
S1.1	Stair ID - Inside Stairwell	7
S1.2	Stair ID - Corridor Side	7
S1.3	Stair ID - Roof Exit, Inside Stairwell	0
S1.4	Stair ID - Exterior Door	0
Total		39

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PRIME CONSULTANT



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Toronto, ON M8W 0G3, Canada
tel 416 578 1530
www.arcadis.com

PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

FINCH YARD
1026 FINCH AVE W

PROJECT NO:

9119 - 19 - 0162 / Arcadis 30279056

DRAWN BY:

M.LOW

CHECKED BY:

C.D. SCHNOBB

PROJECT MGR:

R. DALY

APPROVED BY:

SHEET TITLE

SIGNAGE & WAYFINDING
DETAILS
MESSAGE SCHEDULE

SHEET NUMBER

G05-010-A8100

ISSUE

A

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1 of 1

SCALE CHECK


KEYPLAN

SIGN CODE	LEVEL	LOC #	SIGN TYPE DESCRIPTION	SIDE A	SIDE B	STATUS	REV. DATE
				MESSAGE (English)	MESSAGE (English)		
S1.1	L1	018		Floor 1 Braille Stairwell A TBD Braille			
S1.2	L1	019	Stair ID - Corridor Side	[stairs picto] Floor 1 Braille Stairwell A TBD Braille			
H1.1	L1	020	Amenity ID	[accessible universal washroom picto] Washroom Braille			
S1.2	L1	021	Stair ID - Corridor Side	[stairs picto] Floor 1 Braille Stairwell G TBD Braille			
S1.1	L1	022	Stair ID - Inside Stairwell	Floor 1 Braille Stairwell G TBD Braille			
E4	L1	023	Insert Holder				
E2.1	L1	024	Room ID	Kitchenette Braille			
E2.1	L1	025	Room ID	Training Room A Braille			
E2.1	L1	026	Room ID	Training Room C Braille			
E2.1	L1	027	Room ID	Training Room C Braille			
E4	L1	028	Insert Holder				
E2.1	L1	029	Room ID	Training Room A Braille			
S1.1	L2	001	Stair ID - Inside Stairwell	Floor 2 Braille Stairwell E TBD Braille			
S1.2	L2	002	Stair ID - Corridor Side	[stairs picto] Floor 2 Braille Stairwell E TBD Braille			
E2.1	L2	003	Room ID	Lunchroom Braille			
E4	L2	004	Insert Holder				

L2

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PRIME CONSULTANT



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Toronto, ON M8W 0G3, Canada
tel 416 578 1530
www.arcadis.com

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ACCESSIBILITY UPGRADES

PROJECT ADDRESS

FINCH YARD
1026 FINCH AVE W

PROJECT NO:

9119 - 19 - 0162 / Arcadis 30279056

DRAWN BY:

M.LOW

CHECKED BY:

C.D. SCHNOBB

PROJECT MGR:

R. DALY

APPROVED BY:

SHEET TITLE

SIGNAGE & WAYFINDING
DETAILS
MESSAGE SCHEDULE

SHEET NUMBER

G05-010-A8101

ISSUE

A

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1 of 1


SCALE CHECK

KEYPLAN

SIGN CODE	LEVEL	LOC #	SIGN TYPE DESCRIPTION	SIDE A	SIDE B	STATUS	REV. DATE
				MESSAGE (English)	MESSAGE (English)		
E2.1	L2	005	Room ID	Lunchroom Braille			
S1.1	L2	006	Stair ID - Inside Stairwell	Floor 2 Braille Stairwell D TBD Braille			
S1.2	L2	007	Stair ID - Corridor Side	[stairs picto] Floor 2 Braille Stairwell D TBD Braille			
H1.1	L2	008	Amenity ID	[universal washroom picto] Washroom Braille			
S1.2	L2	009	Stair ID - Corridor Side	[stairs picto] Floor 2 Braille Stairwell F TBD Braille			
S1.1	L2	010	Stair ID - Inside Stairwell	Floor 2 Braille Stairwell F TBD Braille			

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ACCESSIBILITY UPGRADES

PROJECT ADDRESS

FINCH YARD
1026 FINCH AVE W

PROJECT NO:

9119 – 19 – 0162 / Arcadis 30279056

DRAWN BY:

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CHECKED BY:

C.D. SCHNOBB

PROJECT MGR:

R. DALY

APPROVED BY:

SHEET TITLE

SIGNAGE & WAYFINDING
DETAILS
MESSAGE SCHEDULE

SHEET NUMBER

G05-010-A8102

ISSUE

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1 of 1

SCALE CHECK

Sheet List	
Sheet Number	Sheet Name
06 - Structural	
S0001	DRAWING LIST
S1201	SITE PLAN
S2501	PLAN - GROUND FLOOR
S2502	PLAN - SECOND FLOOR
S2503	TRENCH DETAILS IN EXISTING SLAB
S5200	PLANS, SECTION - STAIRS
S5201	PLANS, SECTION - STAIRS
S5202	PLANS, SECTION - STAIRS
S5203	STAIRS - PLAN, SECTION
S5601	INTERIOR RAMP, STAIRS - PLAN, SECTION
S5602	INTERIOR RAMP, STAIRS - DETAILS
S5700	PLANS, SECTION - SOG

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C	90% SUBMISSION	2022-03-04
D	ISSUED FOR PERMIT	2022-03-18
F	PERMIT REV 1	2022-10-20
E	ISSUED FOR TENDER	2022-12-07
G	ISSUED FOR TENDER	2025-04-11

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tel 416 679 1930
www.arcadis.com

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PROJECT ADDRESS

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PROJECT NO:
9119-19- 0162 / Arcadis 30279056

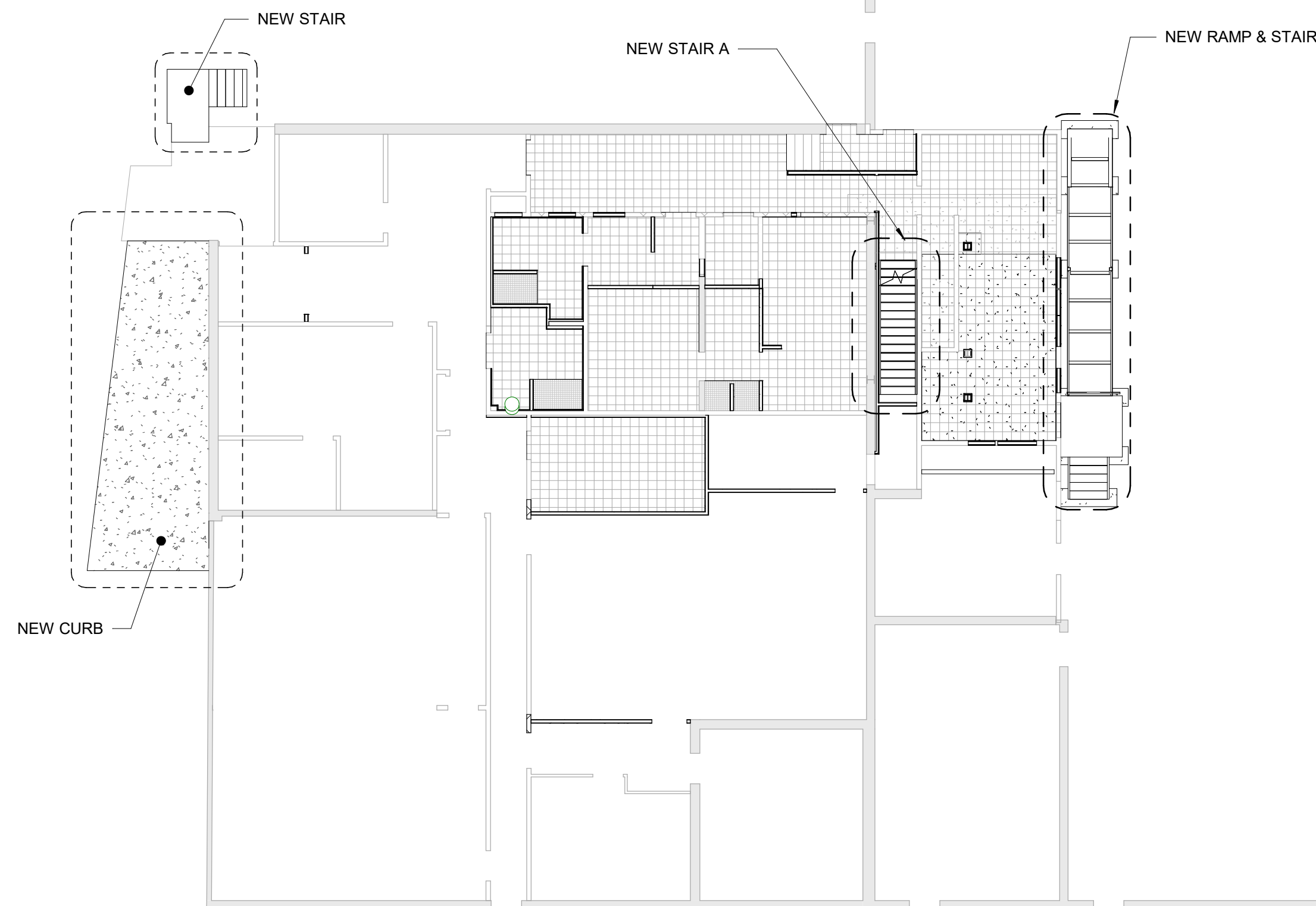
DRAWN BY: L. CHATZIGIANNAKOS	CHECKED BY: M. FAYAZI
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PROJECT MGR: F. BOLOURIAN	APPROVED BY: K. ANGER
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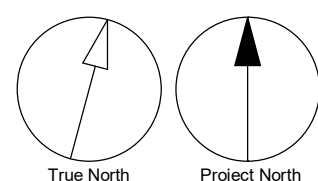
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DRAWING LIST

SHEET NUMBER G05-010-S0001	ISSUE G
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1 SITE PLAN
S1201 Scale: 1 : 150



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D	PERMIT REV 1	2022-10-20
C	ISSUED FOR TENDER	2022-12-07
E	ISSUED FOR TENDER	2025-04-11

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Toronto, ON M9W 0C9, Canada
tel 416 679 1930
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PROJECT ADDRESS

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1026 FINCH AVE W

PROJECT NO:
9119-19- 0162 / Arcadis 30279056

DRAWN BY:
L. CHATZIGIANNAKOS

CHECKED BY:
M. FAYAZI

PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
K. ANGER

SHEET TITLE
SITE PLAN

SHEET NUMBER

G05-010-S1201

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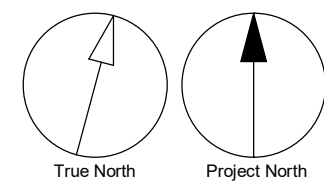
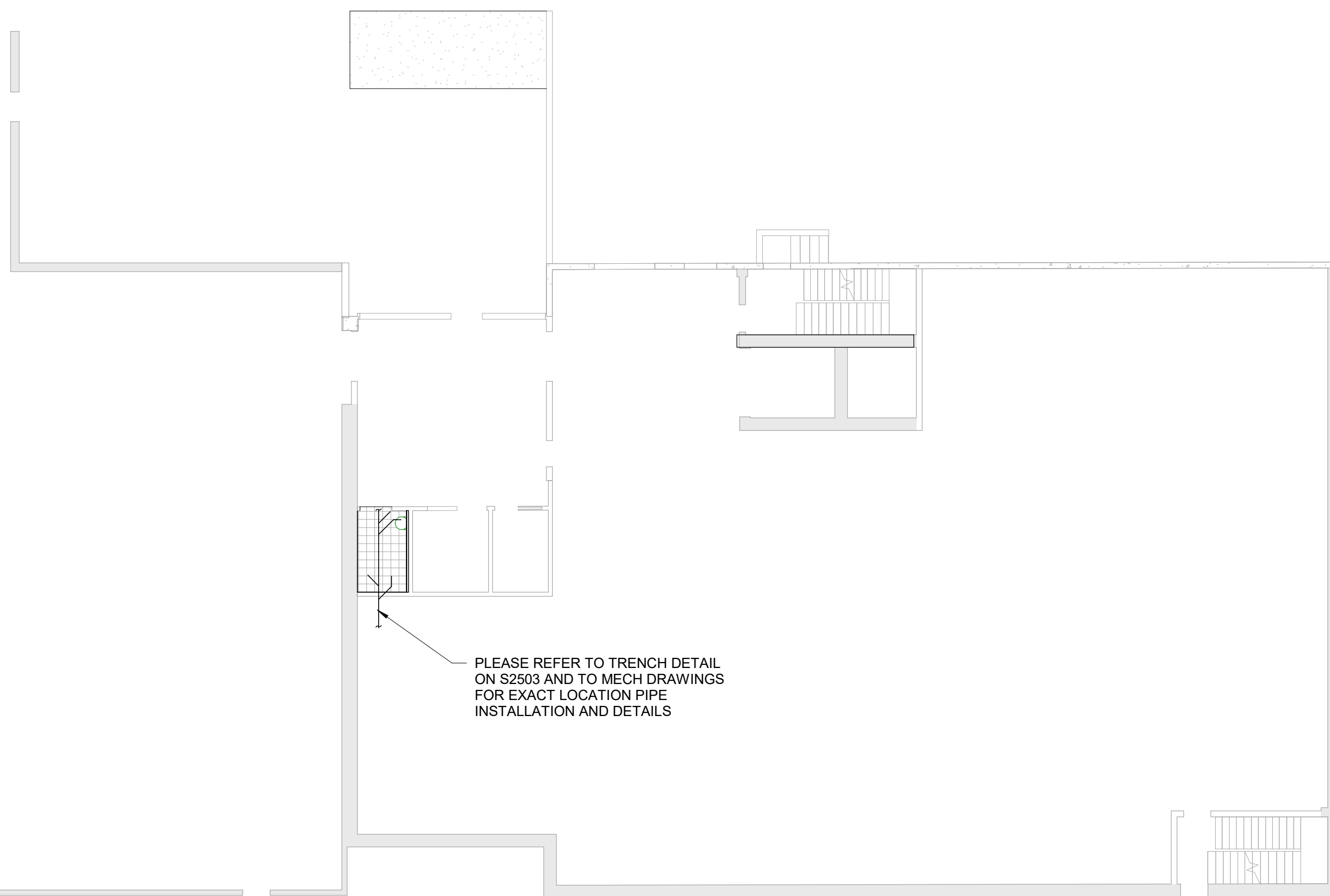
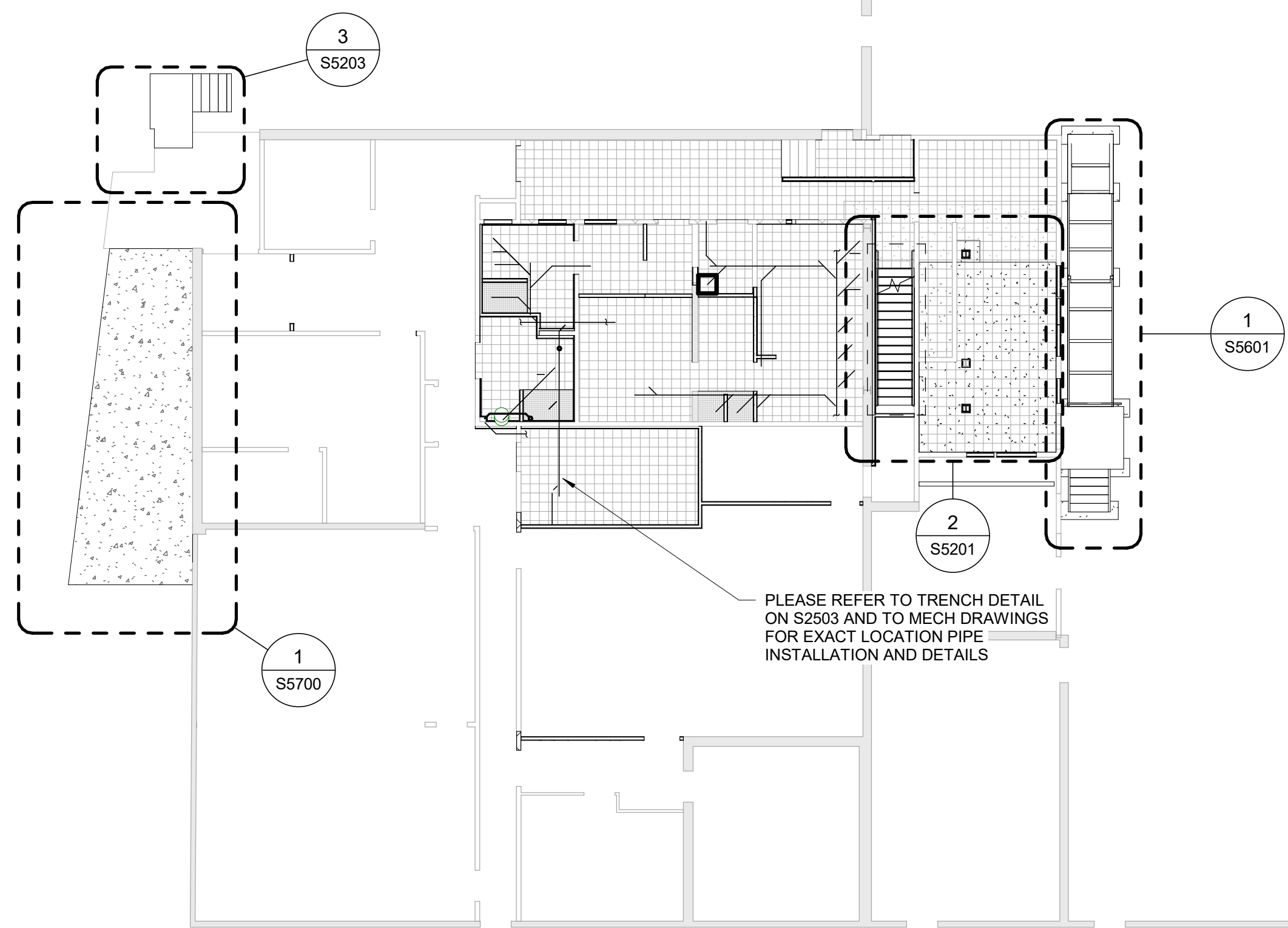
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1
S2501
Scale: 1 : 150

GROUND FLOOR



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C	90% SUBMISSION	2022-03-04
D	ISSUED FOR PERMIT	2022-03-19
F	PERMIT REV 1	2022-10-20
E	ISSUED FOR TENDER	2022-12-07
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PROJECT NO:
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DRAWN BY:
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CHECKED BY:
M. FAYAZI

PROJECT MGR:
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APPROVED BY:
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SHEET TITLE

PLAN - GROUND FLOOR

SHEET NUMBER

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G

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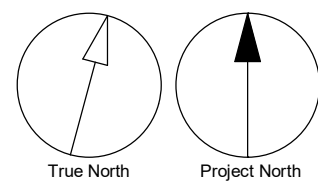
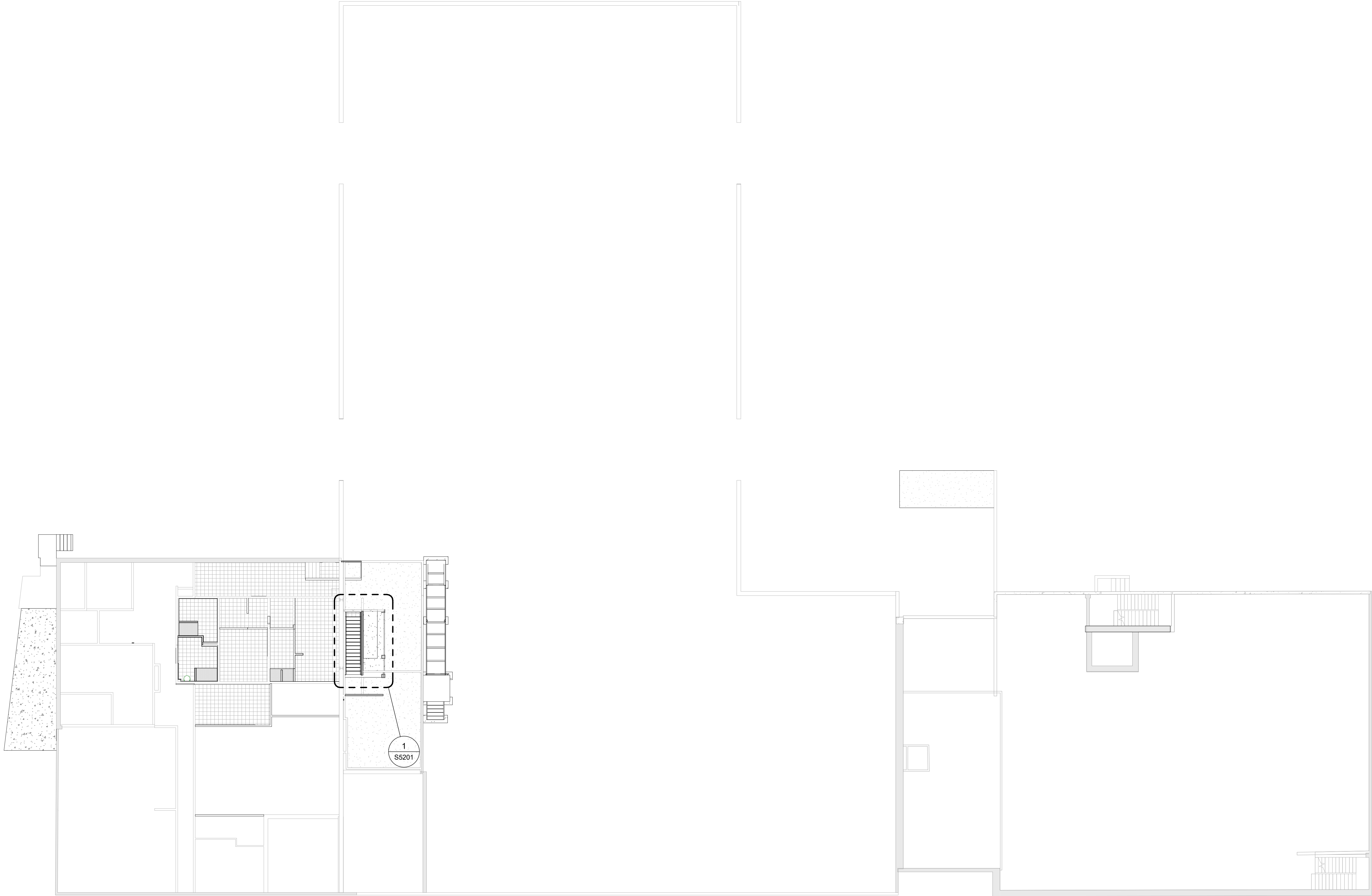
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1

S2502

SECOND FLOOR WEST

Scale: 1 : 150



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E	ISSUED FOR TENDER	2022-12-07
G	ISSUED FOR TENDER	2025-04-11

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1026 FINCH AVE W

PROJECT NO:
9119-19- 0162 / Arcadis 30279056

DRAWN BY:
L. CHATZIGIANNAKOS

CHECKED BY:
M. FAYAZI

PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
K. ANGER

SHEET TITLE

PLAN - SECOND FLOOR

SHEET NUMBER

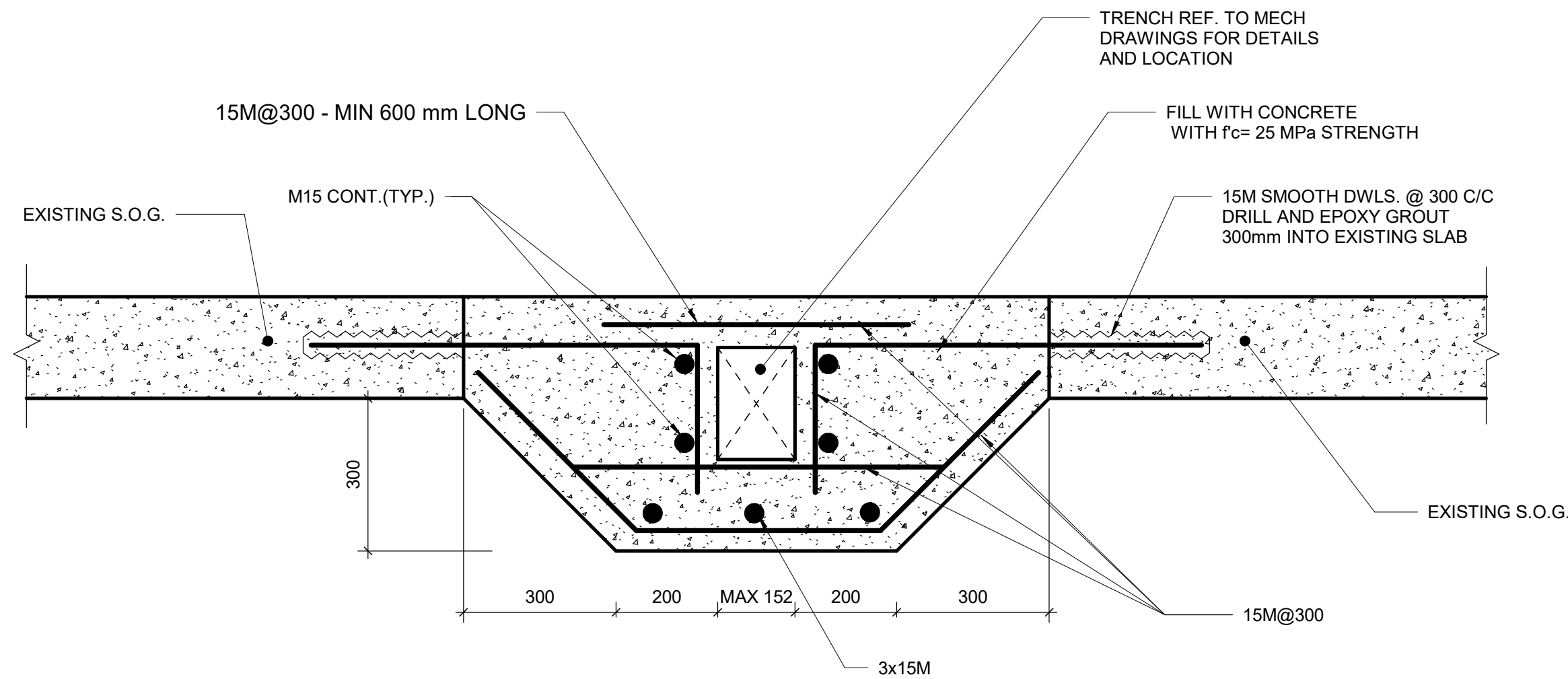
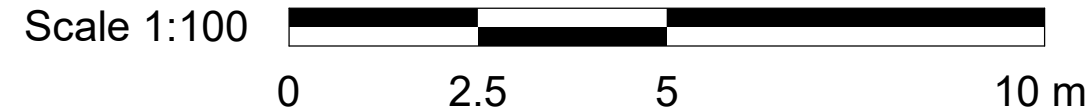
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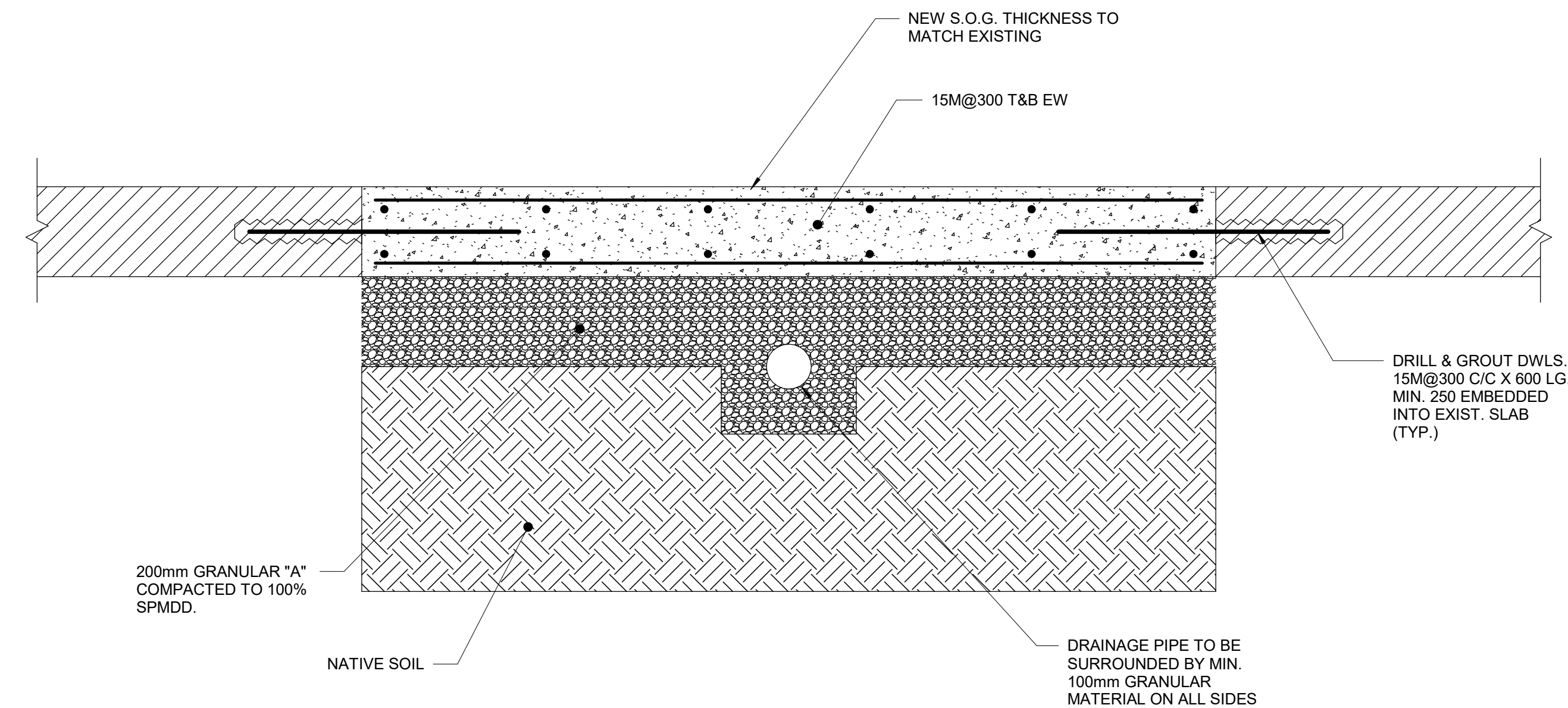
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1 TRENCH DETAIL IN EXISTING SLAB - OPTION 1
Scale: 1 : 10



2 TRENCH DETAIL IN EXISTING SLAB - OPTION 2
Scale: 1 : 10

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PROJECT NO:
9119-19- 0162 / Arcadis 30279056

DRAWN BY:
L. CHATZIGIANNAKOS

CHECKED BY:
M. FAYAZI

PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
K. ANGER

SHEET TITLE
**TRENCH DETAILS IN
EXISTING SLAB**

SHEET NUMBER

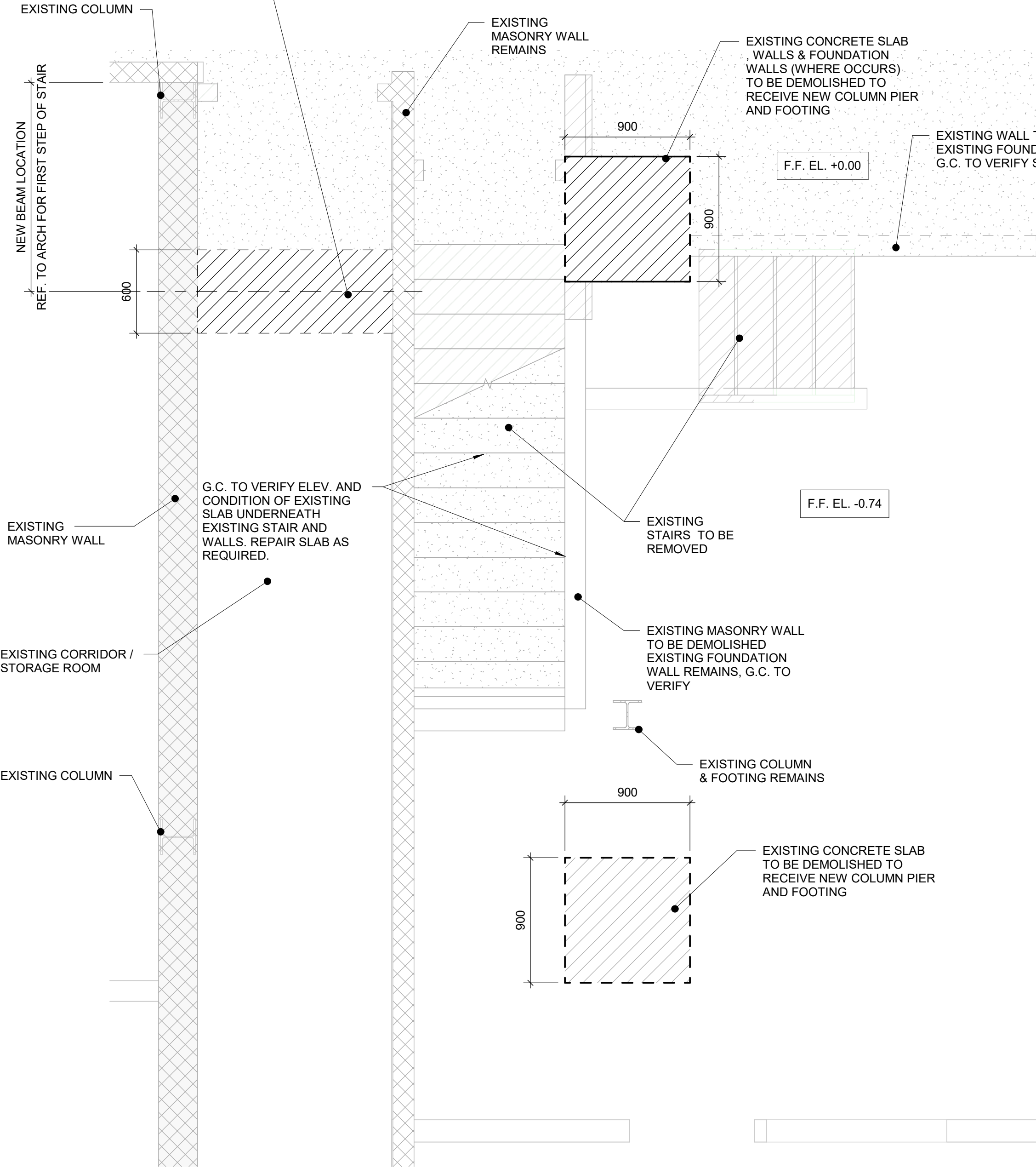
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ISSUE

B

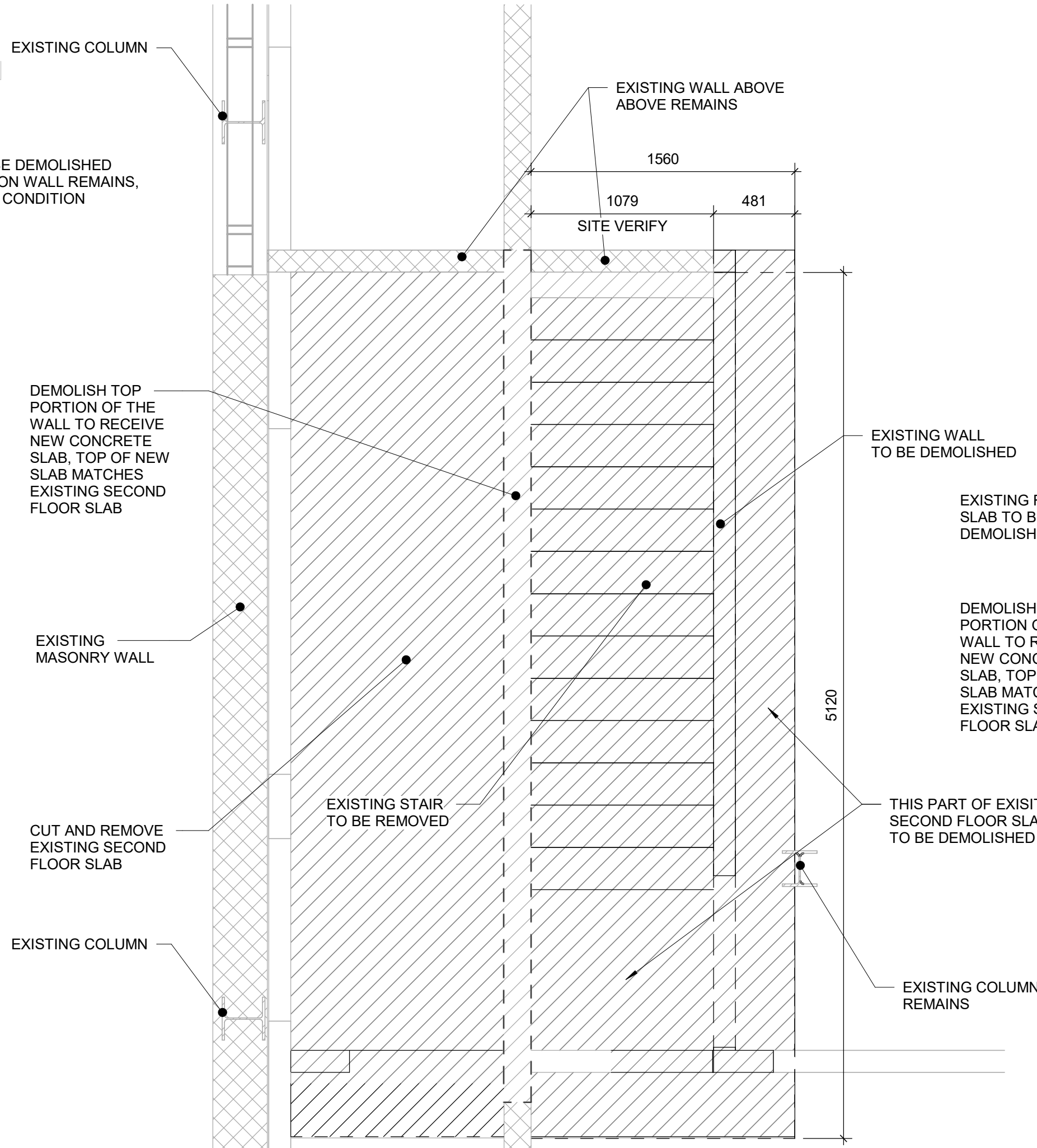
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EXISTING FIRST FLOOR SLAB TO BE DEMOLISHED TO INSTALL NEW BEAM AND MOUNT PLATES. PROPOSED BEAM LOCATION FOR THE NEW STAIR, REFER TO ARCH. DWGS.



1 FIRST FLOOR DEMOLITION
S5200 Scale: 1 : 25

NOTE:
CONTRACTOR TO SITE VERIFY EXISTING CMU WALL THICKNESS, ADJUST BEARING PLATE WIDTH IF NECESSARY



2 SECOND FLOOR DEMOLITION
S5200 Scale: 1 : 25

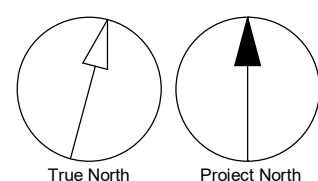
NOTE:
1. CONTRACTOR TO SITE VERIFY EXISTING CONDITION.
2. CONTRACTOR TO PROVIDE TEMPORARY SHORING DURING WALL AND SLAB DEMOLITION.

EXISTING DRYWALL TO BE DEMOLISHED



EXISTING STAIR TO BE DEMOLISHED

EXISTING BLOCK WALL TO BE DEMOLISHED



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C	ISSUED FOR TENDER	2022-12-07
E	ISSUED FOR TENDER	2025-04-11

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ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

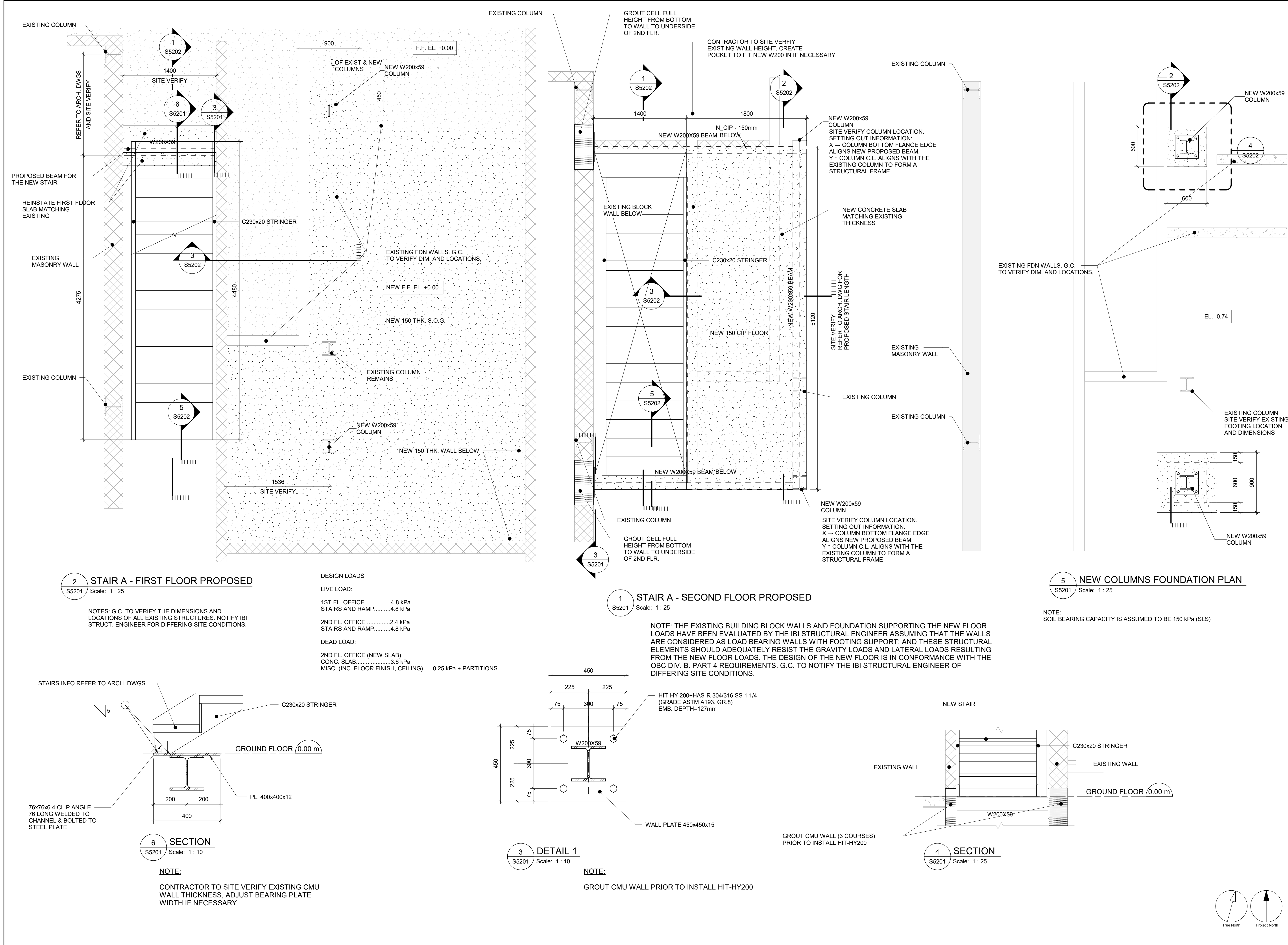
**FINCH YARD - BLDG A
1026 FINCH AVE W**

PROJECT NO:
9119-19- 0162 / Arcadis 30279056
DRAWN BY:
L. CHATZIGIANNAKOS
PROJECT MGR:
F. BOLOURIAN
CHECKED BY:
M. FAYAZI
APPROVED BY:
K. ANGER

SHEET TITLE
**PLANS, SECTION -
STAIRS**

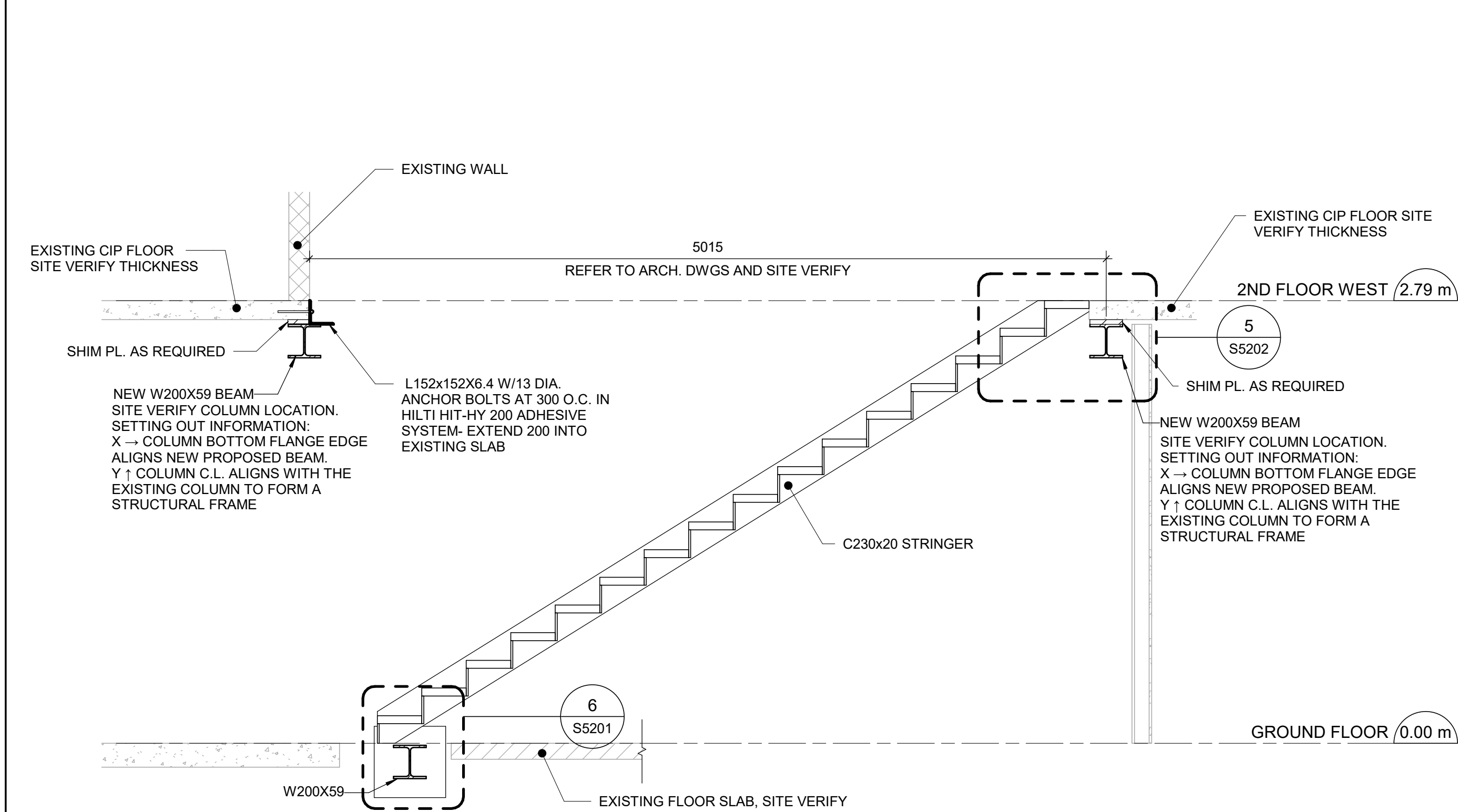
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G05-010-S5200

ISSUE
E

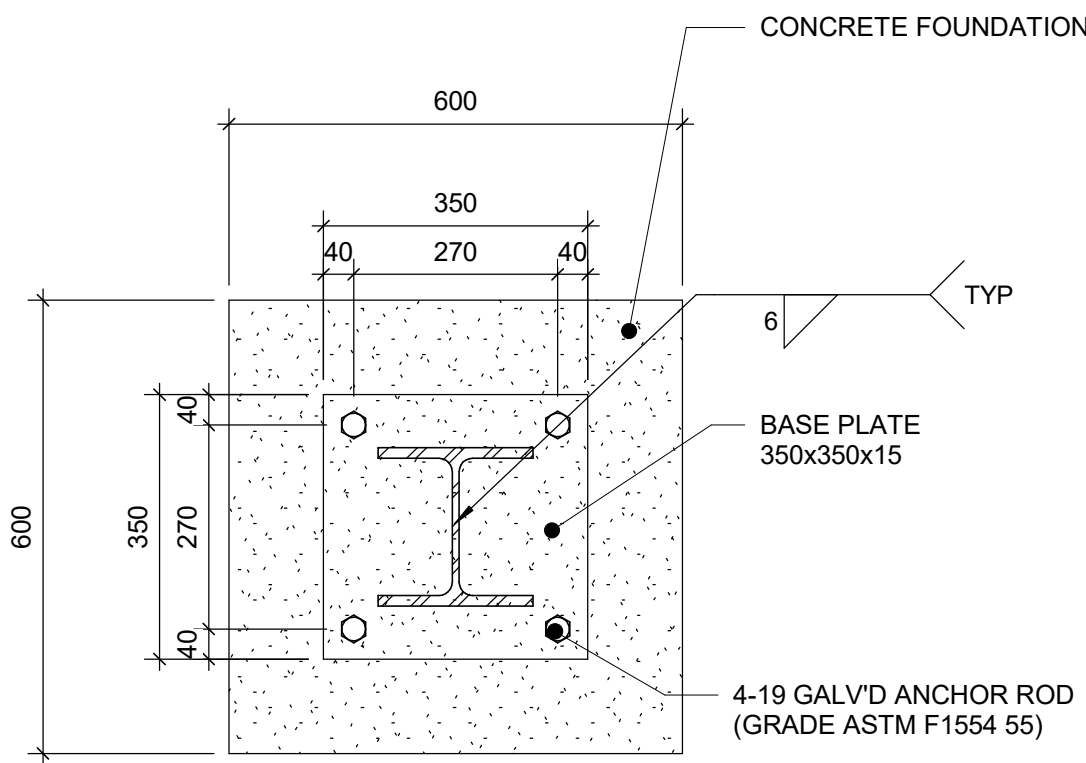


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A	90% SUBMISSION	2022-03-04
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D	PERMIT REV 1	2022-10-20
E	PERMIT REV 2	2022-11-10
C	ISSUED FOR TENDER	2022-12-07
F	ISSUED FOR TENDER	2025-04-11
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PROJECT ADDRESS		
FINCH YARD - BLDG A 1026 FINCH AVE W		
PROJECT NO: 9119-19- 0162 / Arcadis 30279056		
DRAWN BY: L. CHATZIGIANNAKOS		CHECKED BY: M. FAYAZI
PROJECT MGR: F. BOLOURIAN		APPROVED BY: K. ANGER
SHEET TITLE		
PLANS, SECTION - STAIRS		
SHEET NUMBER		ISSUE
G05-010-S5201		F

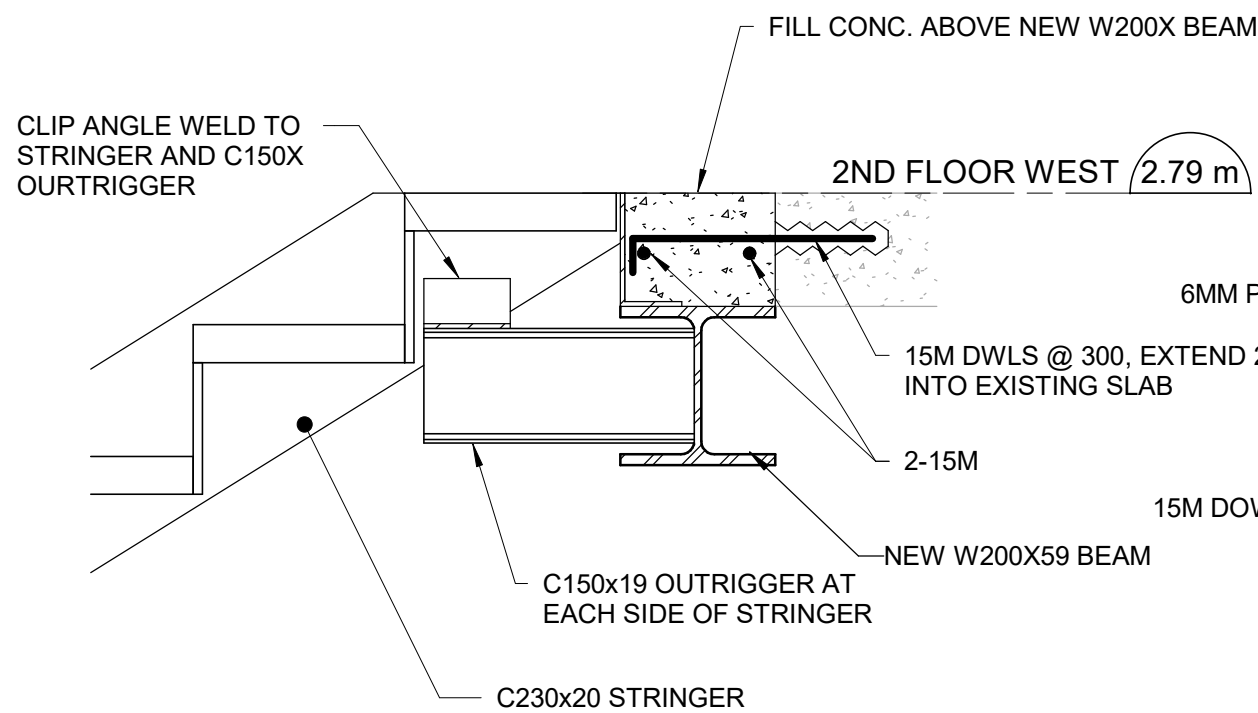
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1 SECTION
S5202 Scale: 1 : 25

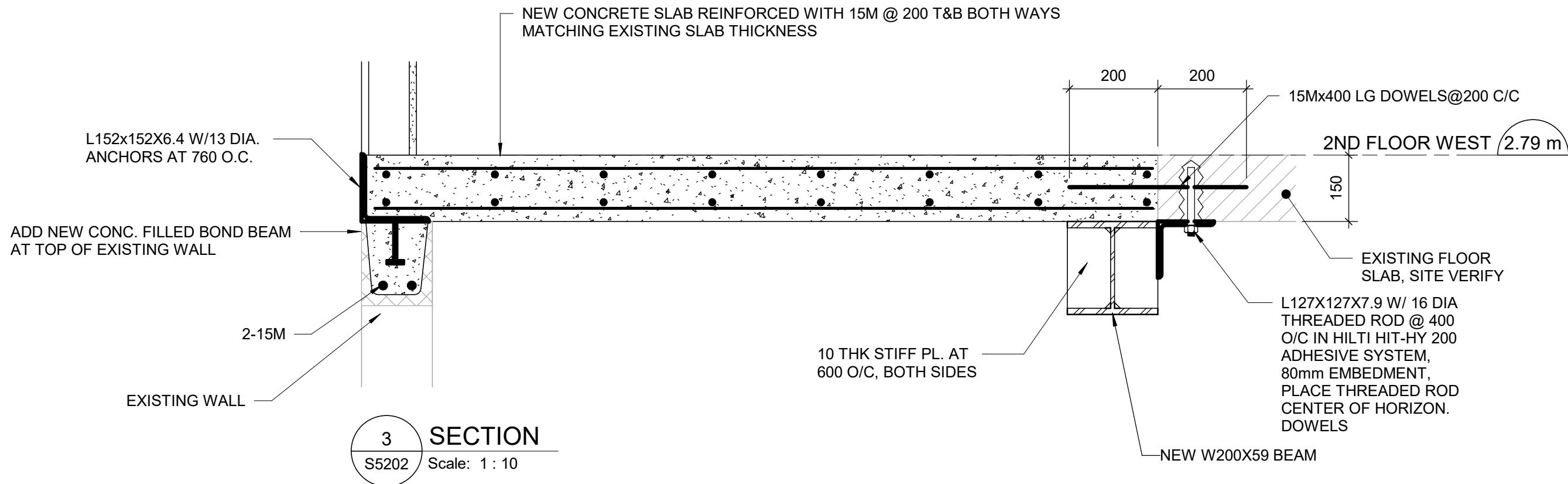
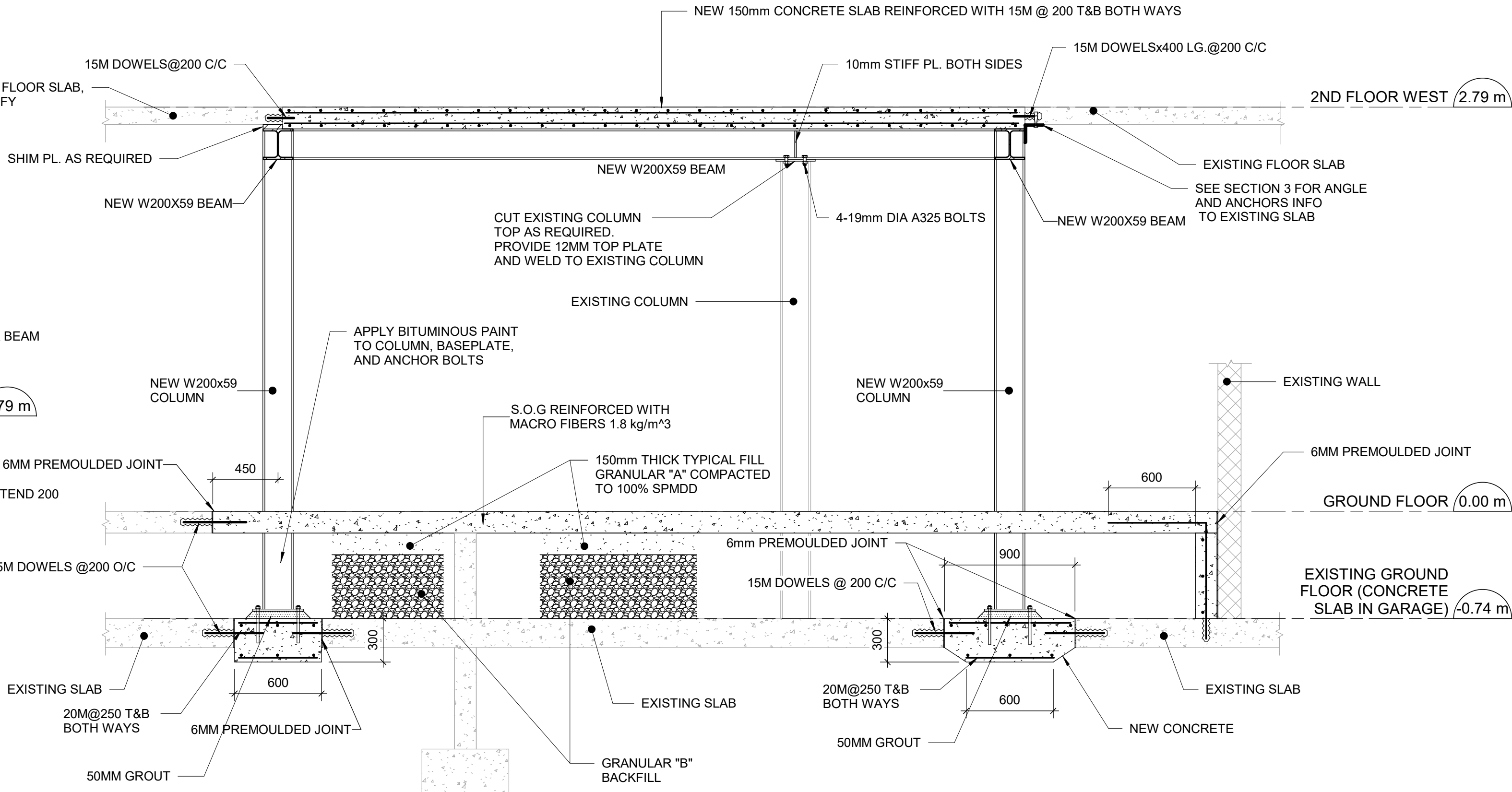


4 BASE PLATE DETAIL
S5202 Scale: 1 : 10

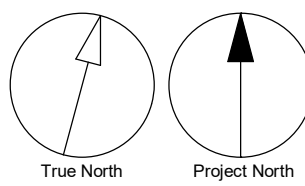


5 SECTION
S5202 Scale: 1 : 10

2 SECTION
S5202 Scale: 1 : 25



3 SECTION
S5202 Scale: 1 : 10



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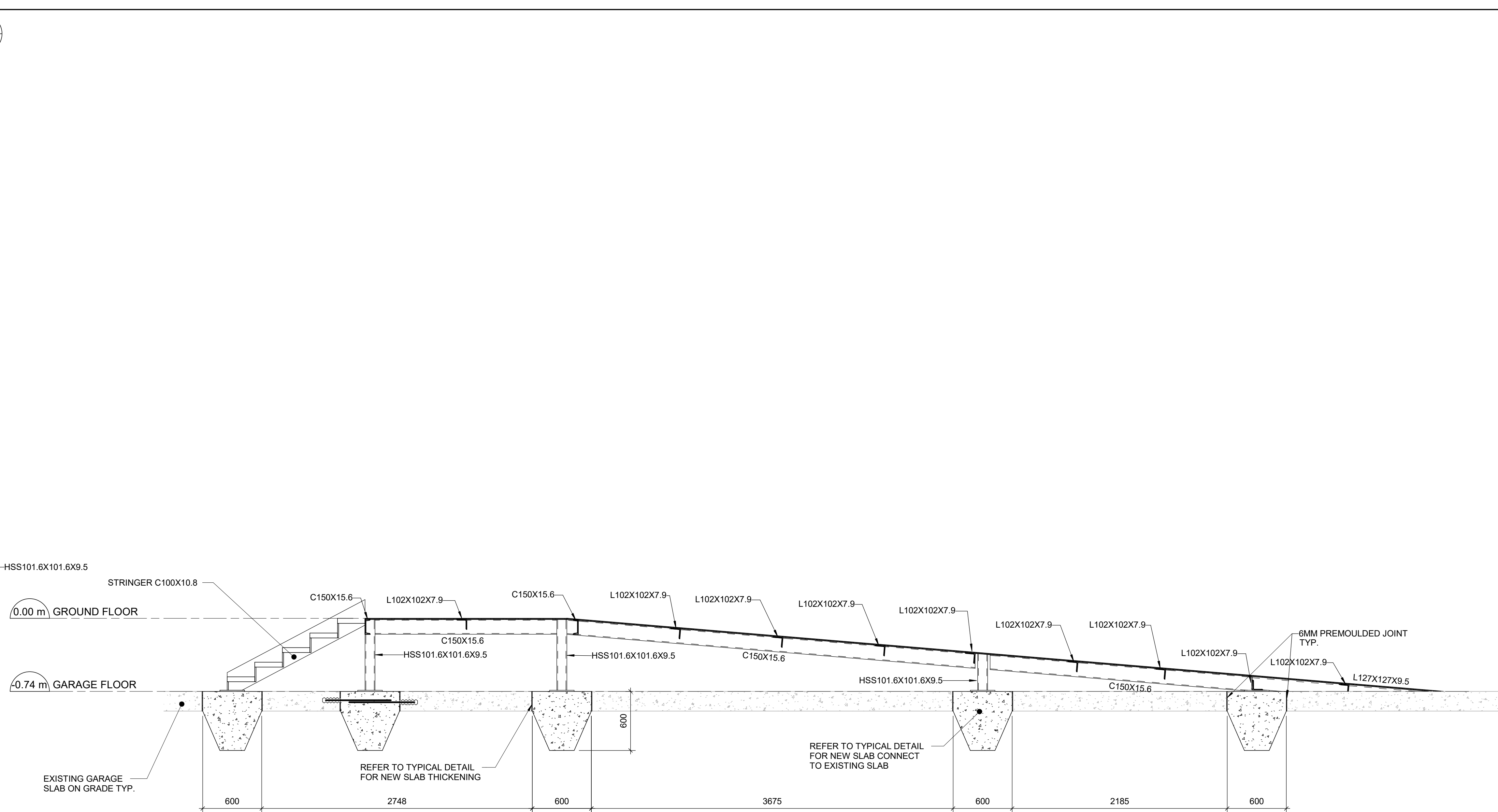
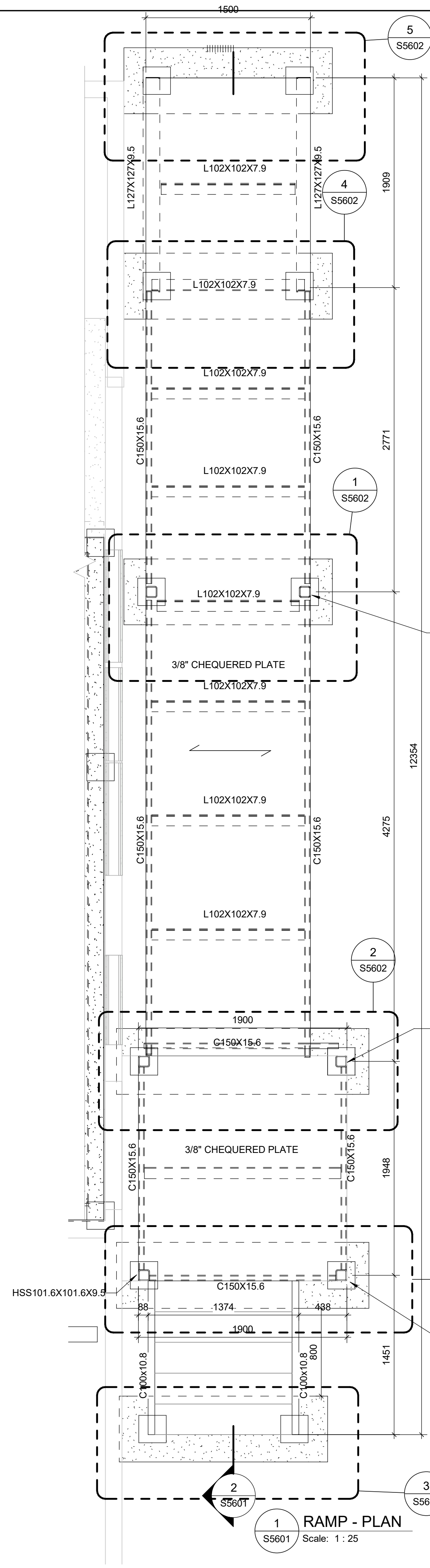
PROJECT TITLE
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ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**FINCH YARD - BLDG A
1026 FINCH AVE W**

PROJECT NO:
9119-19- 0162 / Arcadis 30279056
DRAWN BY:
L. CHATZIGIANNAKOS
CHECKED BY:
M. FAYAZI
PROJECT MGR:
F. BOLOURIAN
APPROVED BY:
K. ANGER

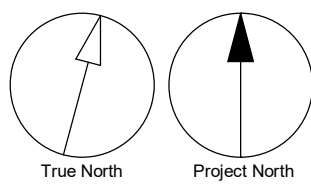
SHEET TITLE
**PLANS, SECTION -
STAIRS**

SHEET NUMBER
G05-010-S5202
ISSUE
D



2 RAMP - SECTION
S5601 Scale: 1 : 25

NOTES:
DESIGN LOADS
LIVE LOAD:
STAIRS AND RAMP.....4.8 kPa



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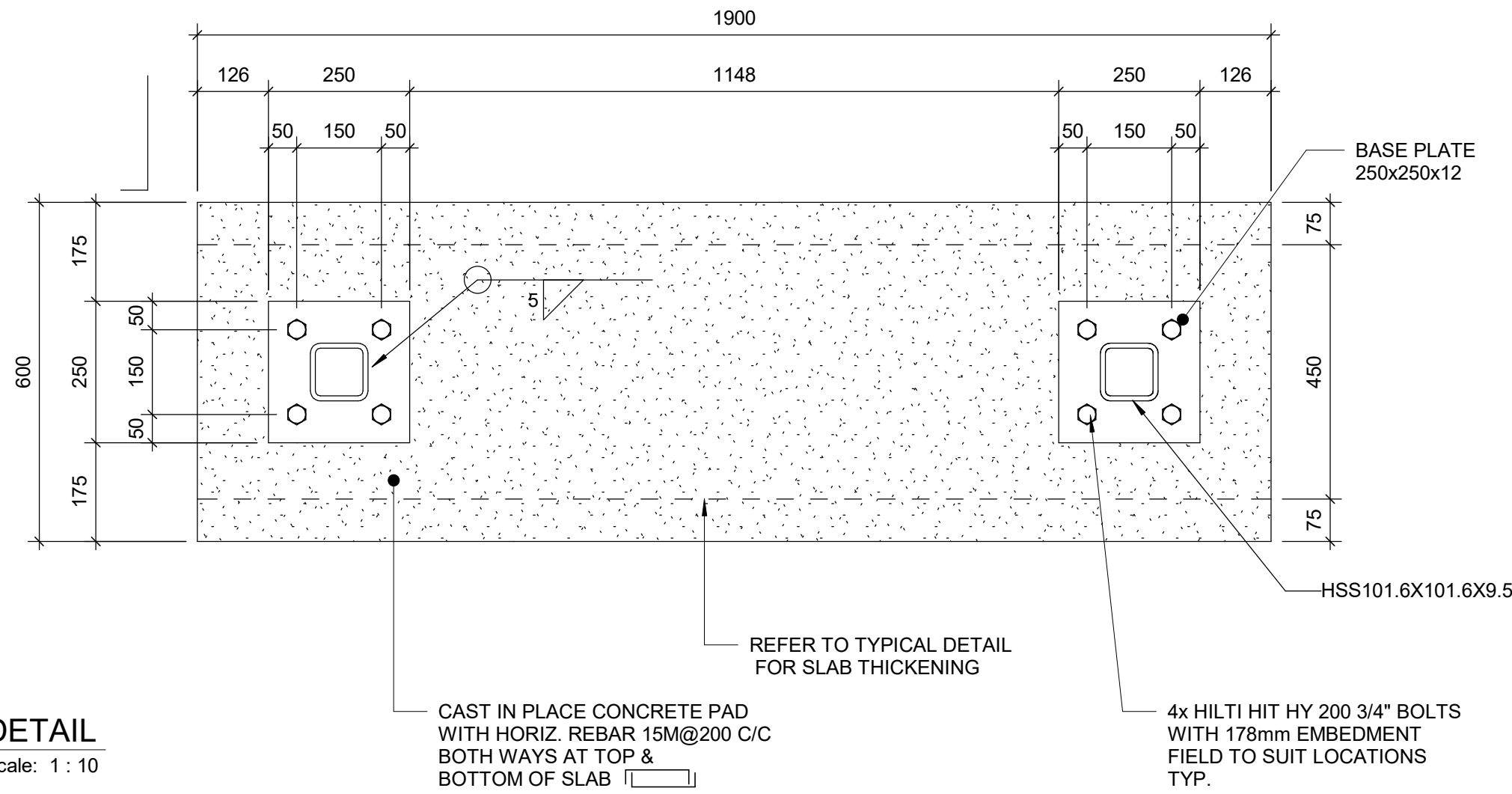
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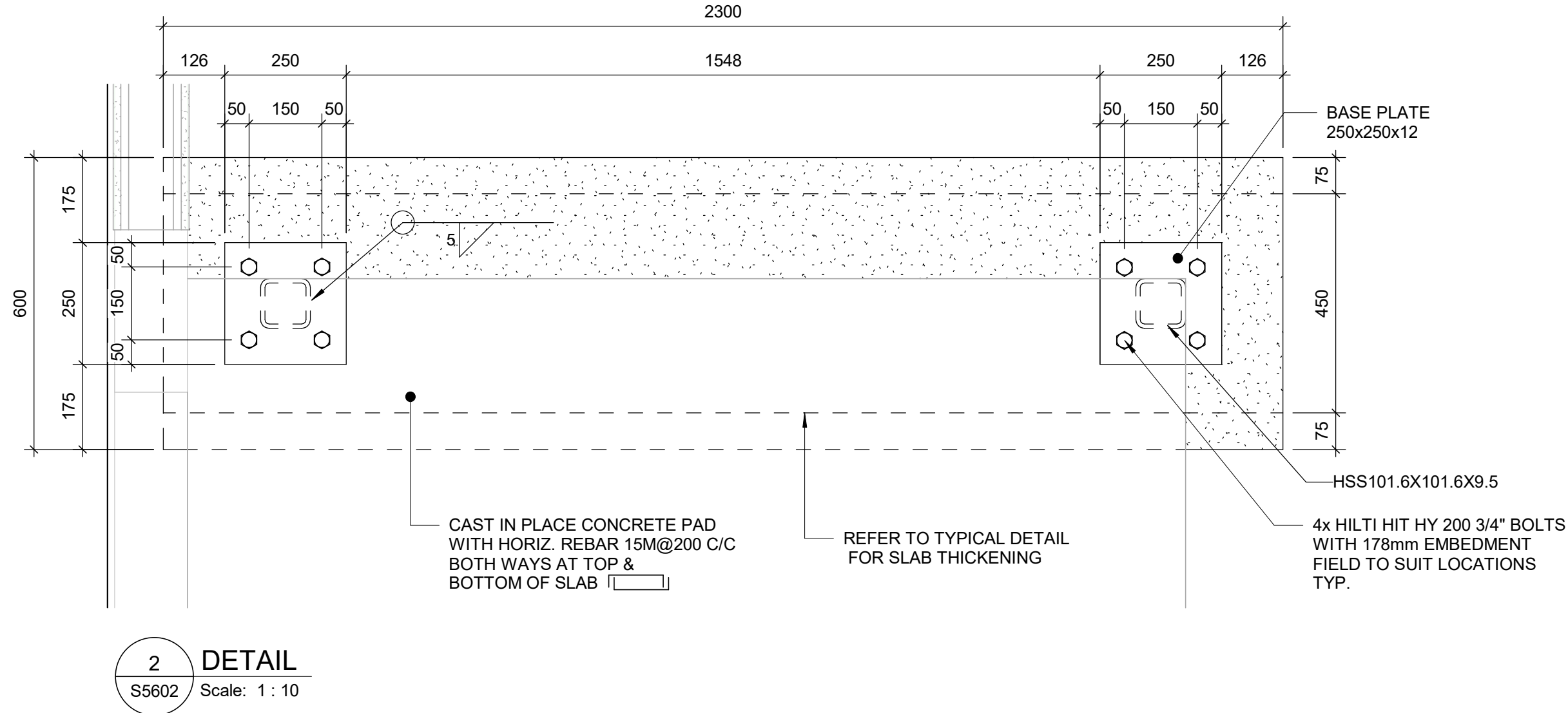
PROJECT NO:
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DRAWN BY:
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PROJECT MGR:
F. BOLOURIAN
CHECKED BY:
M. FAYAZI
APPROVED BY:
K. ANGER

SHEET TITLE
**INTERIOR RAMP, STAIRS
- PLAN, SECTION**

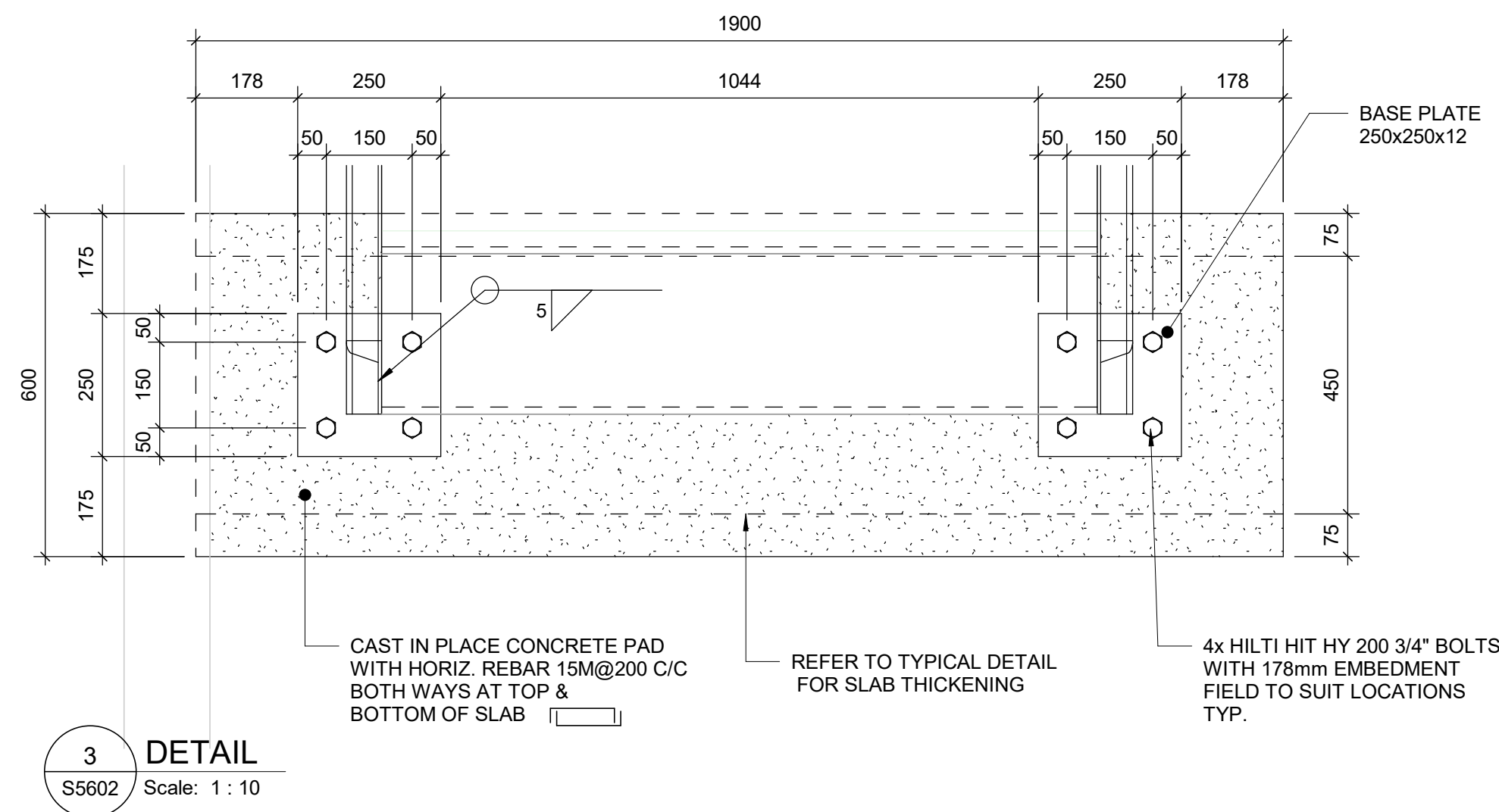
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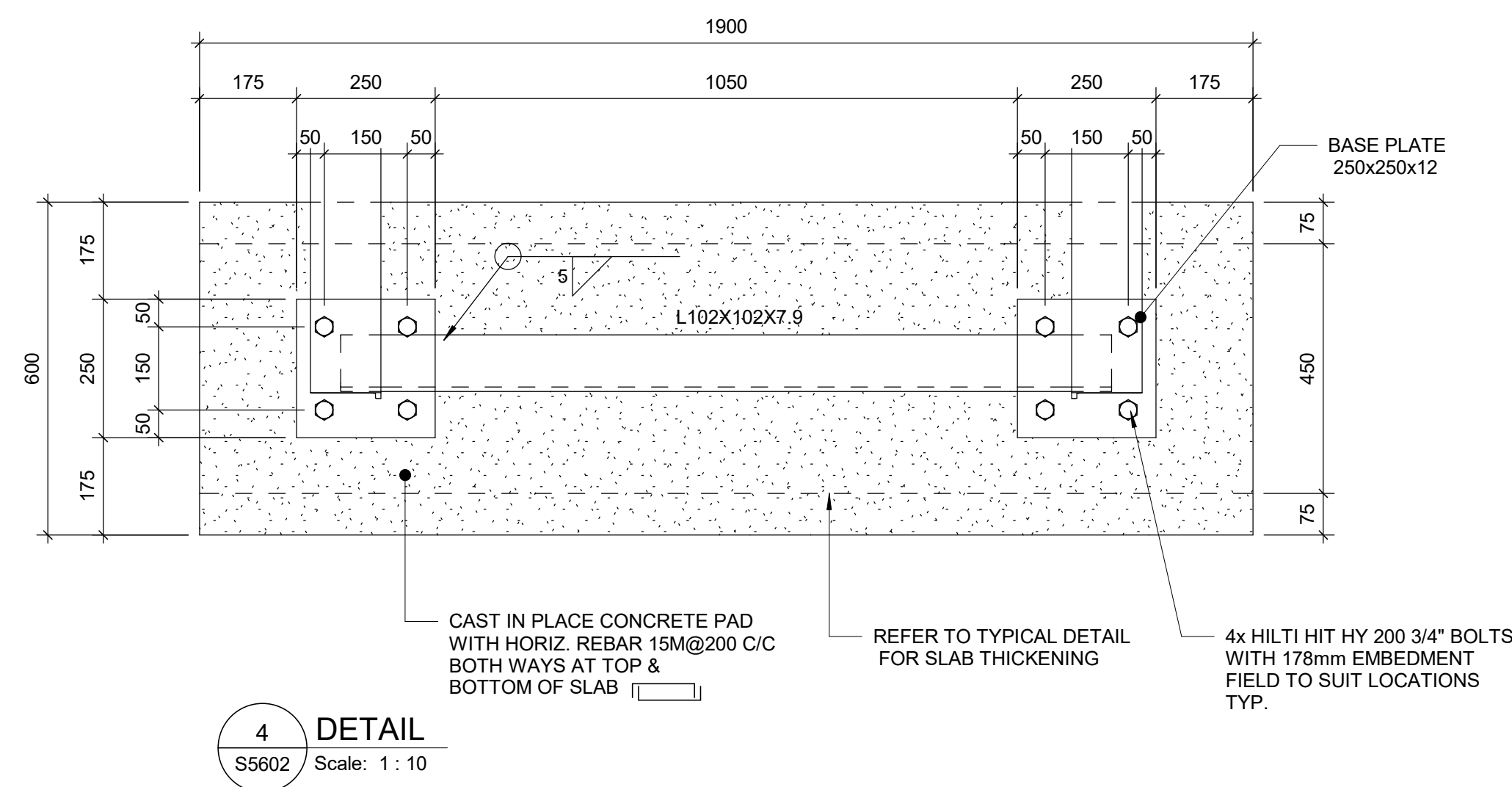
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S5602
DETAIL
Scale: 1 : 10



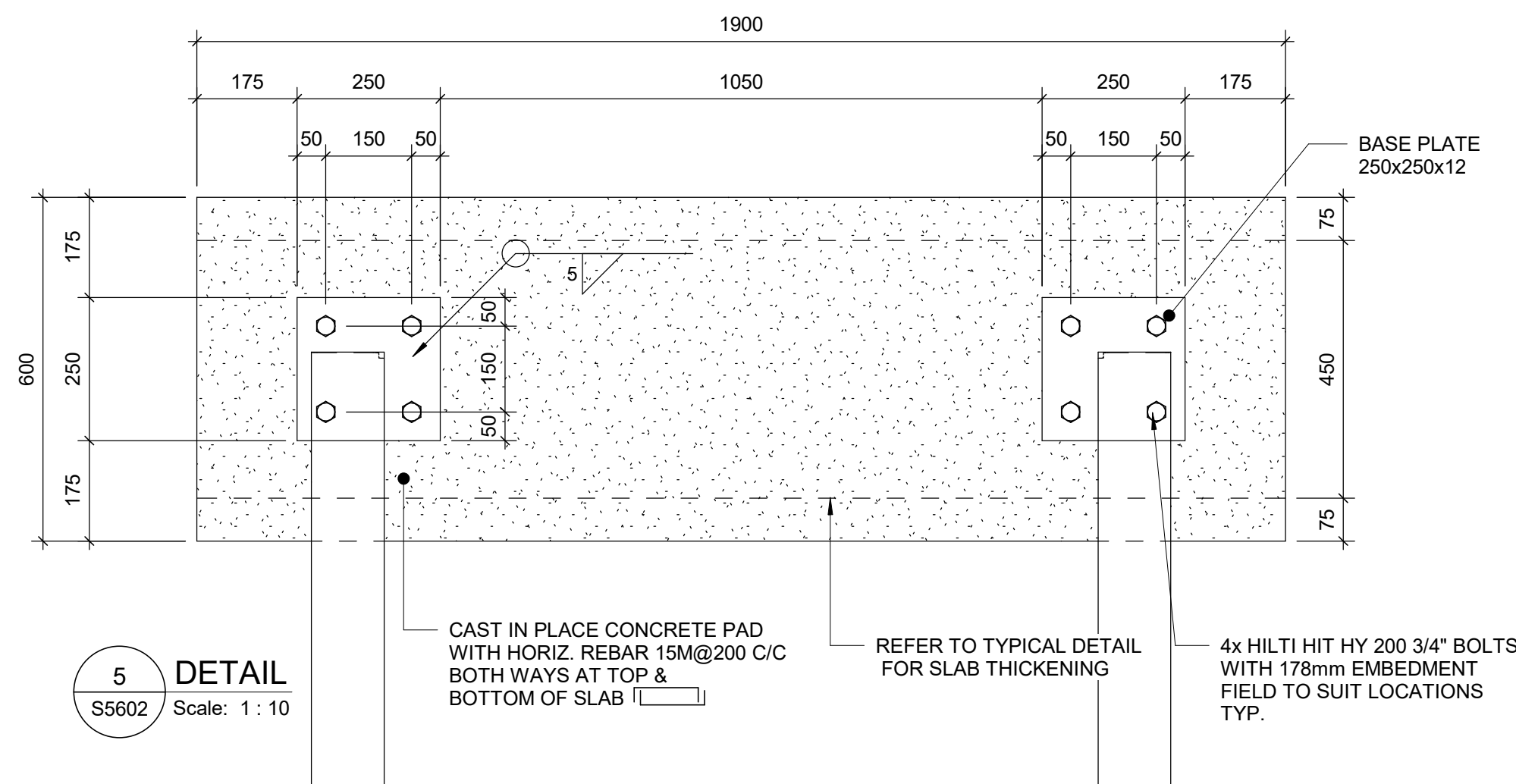
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DETAIL
Scale: 1 : 10



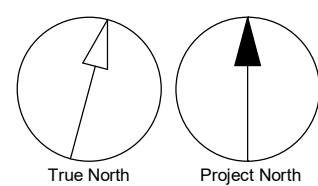
3
S5602
DETAIL
Scale: 1 : 10



4
S5602
DETAIL
Scale: 1 : 10



5
S5602
DETAIL
Scale: 1 : 10



ISSUES		
No.	DESCRIPTION	DATE
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PROJECT MGR:
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APPROVED BY:
K. ANGER

SHEET TITLE
**INTERIOR RAMP, STAIRS
- DETAILS**

SHEET NUMBER
G05-010-S5602
ISSUE
D

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A	ISSUED FOR PERMIT	2022-03-18
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1026 FINCH AVE W

PROJECT NO:
9119-19- 0162 / Arcadis 30279056

DRAWN BY: L. CHATZIGIANNAKOS	CHECKED M. FAYAZI
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PROJECT MGR: F. BOLOURIAN	APPROVED K. ANGER
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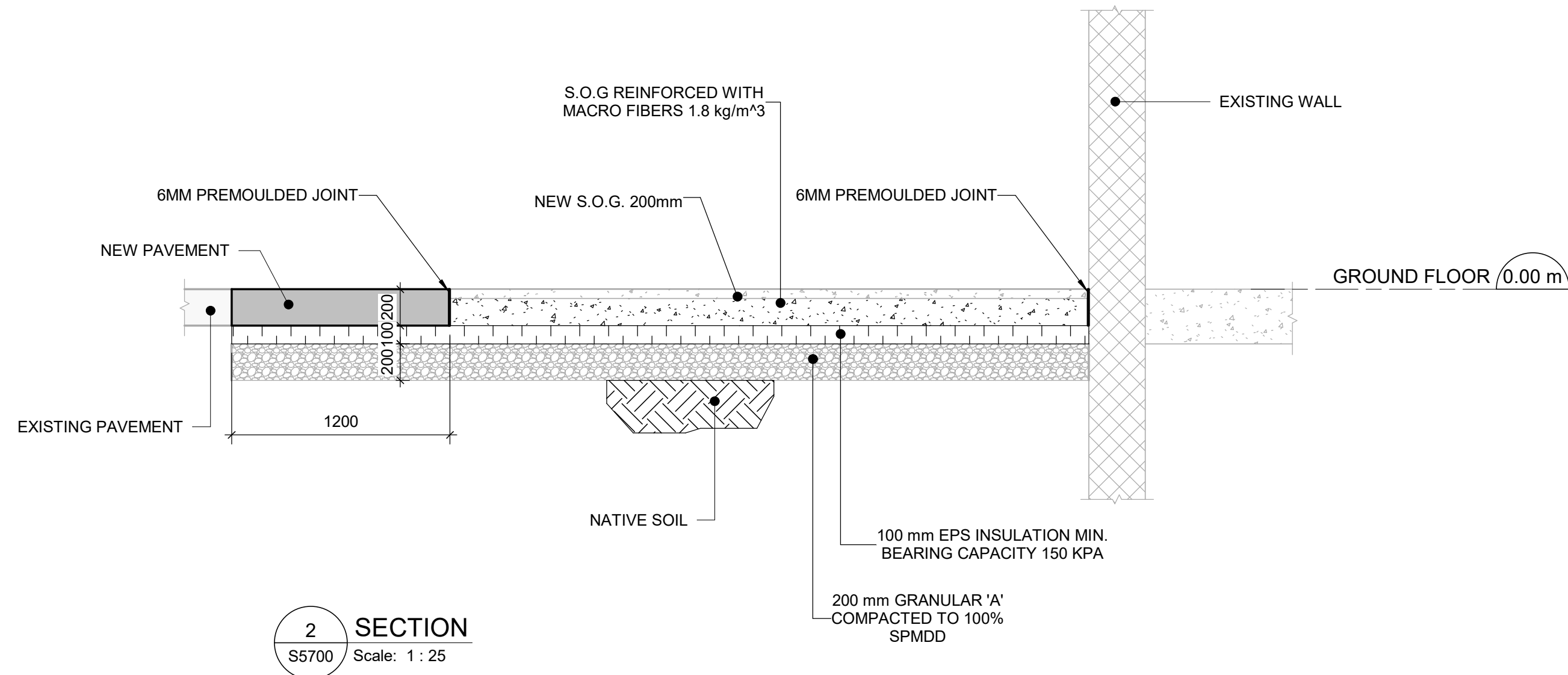
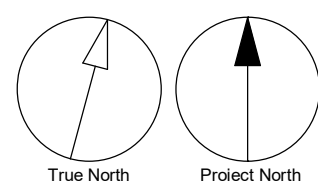
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PLANS, SECTION - SOG

SHEET NUMBER

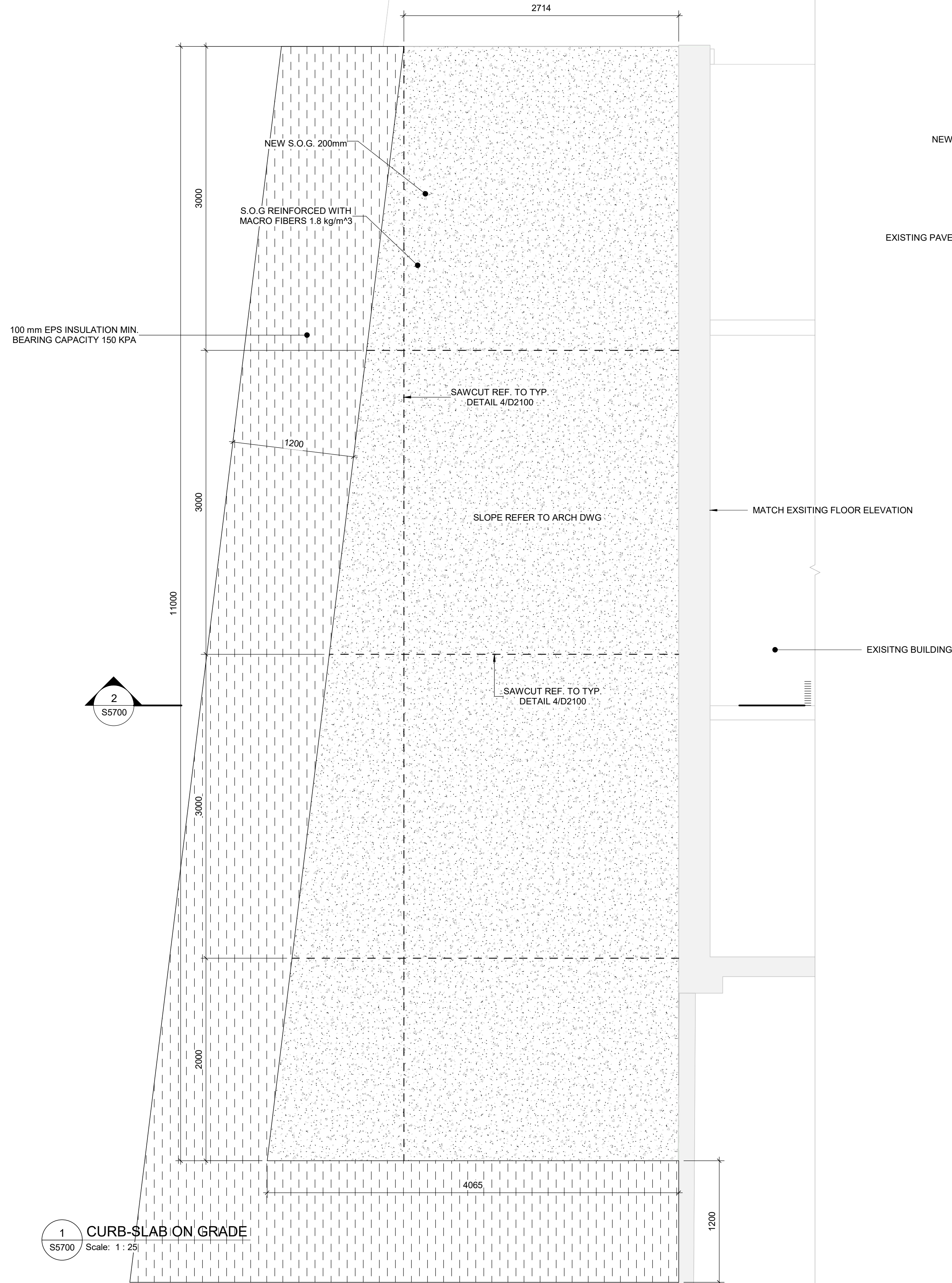
G05-010-S5700

ISSUE

D



NOTE:
SOIL BEARING CAPACITY IS ASSUMED TO BE 150 kPa (SLS)



MECHANICAL DRAWING LIST	
Sheet Number	Sheet Name
M0001	MECHANICAL DRAWING LIST
M0201	EQUIPMENT SCHEDULE
M1101	DEMOLITION PLAN - GROUND FLOOR
M1102	DEMOLITION PLAN - SECOND FLOOR
M1301	DEMOLITION - GROUND FLOOR WEST ENLARGED PLAN
M1302	DEMOLITION - GROUND FLOOR EAST ENLARGED PLAN
M1303	DEMOLITION - SECOND FLOOR WEST ENLARGED PLAN
M2101	PLUMBING - GROUND FLOOR WEST
M2102	PLUMBING - GROUND FLOOR EAST
M3101	DRAINAGE - GROUND FLOOR WEST
M3102	DRAINAGE - GROUND FLOOR EAST
M4101	FIRE PROTECTION - GROUND FLOOR WEST
M5101	HVAC - GROUND FLOOR WEST
M5102	HVAC - SECOND FLOOR WEST

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PROJECT ADDRESS

FINCH YARD - BLDG A
1026 FINCH AVE W

PROJECT NO:
9119-19- 0162 / Arcadis 30279056

DRAWN BY: K.DURUKAN	CHECKED BY: B.LIAO
------------------------	-----------------------

PROJECT MGR: F. BOLOURIAN	APPROVED BY: S.LIU
------------------------------	-----------------------

SHEET TITLE
MECHANICAL DRAWING
LIST

SHEET NUMBER G05-010-M0001	ISSUE D
-------------------------------	------------

EXHAUST FAN SCHEDULE									
TAG NO.	SERVICE	MANUFACTURER/ MODEL NO.	CAPACITY (LPS)	S.P. (Pa)	FAN	MOTOR			NOTES
					TYPE	HP	RPM	V/Ph/Hz	
EF-01	133 - UNIVERSAL WASHROOM	GREENHECK MODEL SP-A190	71	93.3	CEILING FAN, DIRECT DRIVE	0.06	1400	115/60/1	CONTROLLED BY LIGHTING SWITCH, C/W EXHAUST GRILLE, DISCONNECT SWITCH, BACKDRAFT DAMPER, ROUND DUCT CONNECTOR
EF-02	135 - JAN. ROOM	GREENHECK MODEL SP-A125	35	93.3	CEILING FAN, DIRECT DRIVE	0.03	1100	115/60/1	CONTROLLED BY MANUAL SWITCH, C/W EXHAUST GRILLE, DISCONNECT SWITCH, BACKDRAFT DAMPER, ROUND DUCT CONNECTOR

ELECTRICAL HEATER SCHEDULE								
TAG NO.	SERVICE	MANUFACTURER/ MODEL NO.	CAPACITY OUTPUT (KW)	V/Ph/Hz	WEIGHT (KG)	FAN		NOTES
						POWER (KW)	FLOW (LPS)	
EH-01	WOMENS WASHROOM - 138	OUELLET OAC01502-T	1.5	120/1/60	10.9	-	75	DISCONNECT SWITCH, C/W BUILT-IN THERMOSTAT
EH-02	MENS WASHROOM - 112	OUELLET OAC01502-T	1.5	120/1/60	10.9	-	75	DISCONNECT SWITCH, C/W BUILT-IN THERMOSTAT
EH-03	OFFICE AREA - 118	OUELLET ODI1508	1.5	208/1/60	9	-	-	DISCONNECT SWITCH, C/W BUILT-IN THERMOSTAT

AC SYSTEM - INDOOR UNIT								
TAG No.	SERVICE	LOCATION	MANUFACTURE / MODEL No.	AIR FLOW (Lo-Mid2-Mid1-Hi)	V/Ph/Hz	MCA	WEIGHT (LBS)	NOTE
AC-01	OFFICE AREA - 108	OFFICE AREA - 108	MITSUBISHI PKFY-P08NLMU-E-TH	141-162-191-237	230/1/60	0.24	24.5	1 ~ 5
AC-02	OFFICE AREA - 108	OFFICE AREA - 108	MITSUBISHI PKFY-P08NLMU-E-TH	141-162-191-237	230/1/60	0.24	24.5	1 ~ 5
AC-03	OFFICE AREA - 108	OFFICE AREA - 108	MITSUBISHI PKFY-P08NLMU-E-TH	141-162-191-237	230/1/60	0.24	24.5	1 ~ 5
NOTE: 1. UNIT TO REPLACE EXISTING MODEL, CONTRACTOR SHALL VERIFY EXACT EXISTING INDOOR UNIT CAPACITY, NEW UNIT TO MATCH EXISTING CAPACITY. 2. MODIFY EXISTING PIPING PIPING, VALVES AND FITTING CONNECT TO OUTDOOR UNIT, REPLACE PIPING / VALVE IF REQUIRED TO SUIT SITE CONDITION. 3. C/W 7-DAY/24HRS PROGRAMMABLE WALL MOUNTED THERMOSTAT WITH LCD DISPLAY. 4. C/W CONDENSATE PUMP. 5. C/W DISCONNECT SWITCH.								

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D	ISSUED FOR PERMIT	2025-04-18

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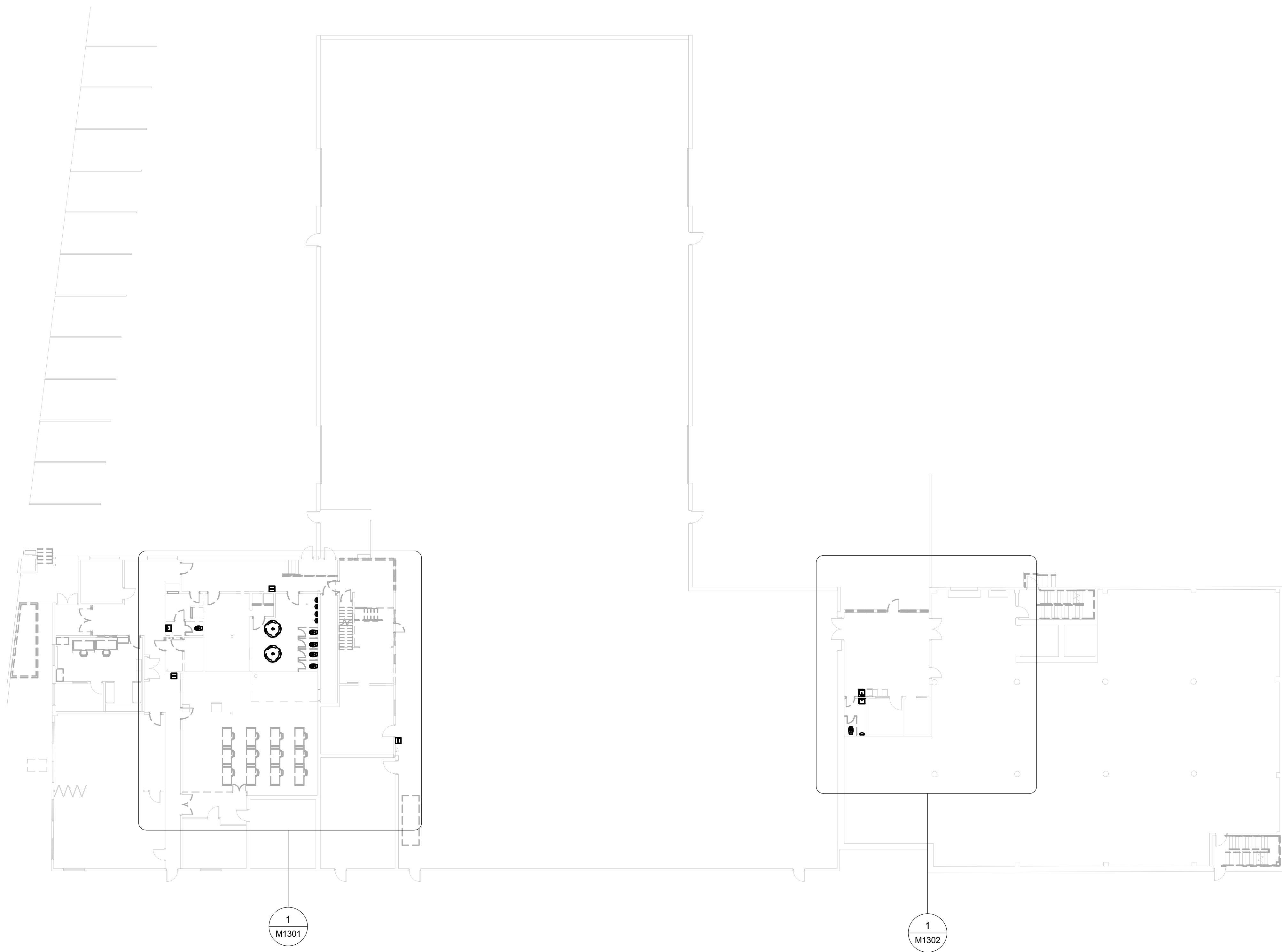
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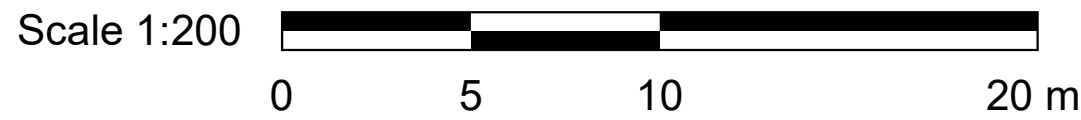
PROJECT NO: 9119-19- 0162 / Arcadis 30279056	
DRAWN BY: K.DURUKAN	CHECKED BY: B.LIAO
PROJECT MGR: F. BOLOURIAN	APPROVED BY: S.LIU

SHEET TITLE
EQUIPMENT SCHEDULE

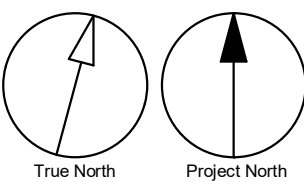
SHEET NUMBER G05-010-M0201	ISSUE D
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1 DEMOLITION - GROUND FLOOR
M1101 Scale: 1 : 200



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



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PROJECT ADDRESS

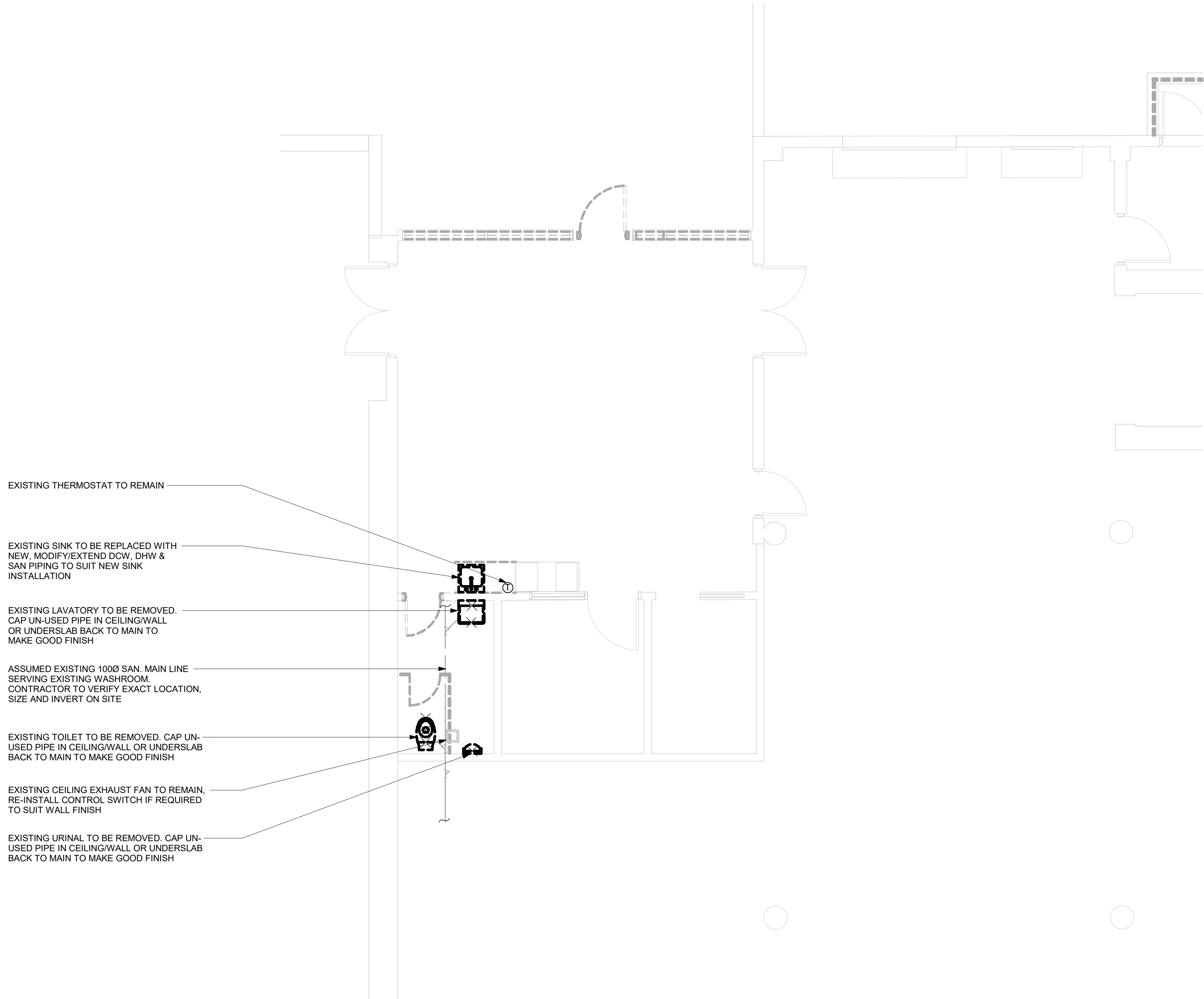
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1026 FINCH AVE W

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

SHEET TITLE
DEMOLITION PLAN -
GROUND FLOOR

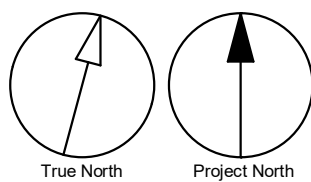
SHEET NUMBER G05-010-M1101	ISSUE D
-------------------------------	------------

2025-05-06 6:47:57 PM




1 DEMOLITION - GROUND FLOOR EAST ENLARGED PLAN
M1302 Scale: 1 : 50

- 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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1026 FINCH AVE W

PROJECT NO:
9119-19- 0162 / Arcadis 30279056

DRAWN BY:
K.DURUKAN

CHECKED BY:
B.LIAO

PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
S.LIU

SHEET TITLE

DEMOLITION - GROUND
FLOOR EAST ENLARGED
PLAN

SHEET NUMBER

G05-010-M1302

ISSUE

D

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EXISTING DRINKING SHALL REMAIN AFTER CONSTRUCTION, CONTRACTOR TO VERIFY EXACT PIPING LAYOUT ON SITE, RE-CONNECT PIPING AND RE-INSTALL WHEN REQUIRED PER ROOM FIRE SEPARATION RE-WORK AND LAYOUT RE-WORK REQUIREMENT, REFER ARCH DWG FOR EXACT WALL RE-REWORK AND ROOM LAYOUT CHANGE

PROVIDE FIRE SEALING TO PIPING PENETRATING FIRE RATED WALL PARTITIONS OF JANITOR ROOM, REFER ARCH DRAWING FOR FIRE RATED WALLS

PROVIDE NEW MOP SINK AND 130 DCW & DHW LINES

INSTALL NEW FLUSH VALVE TOILET WITH 250 DCW LINE (TYP. FOR 2)

INSTALL NEW LAVATORY WITH 130 DCW & DHW LINES, PROVIDE HIGHER MOUNTING CARRIER REFER TO MECH SPEC

PROVIDE NEW SHOWER & VALVE WITH 130 DCW & DHW LINES

INSTALL NEW FLUSH VALVE TOILET WITH 250 DCW LINE

PROVIDE ISOLATION BALL VALVES FOR BRANC FEEDING PIPING SERVING WASHROOM 114 & WASHROOM 138 C/W ACCESS PANEL

PROVIDE NEW SHOWER & VALVE WITH 130 DCW & DHW LINES

INSTALL NEW LAVATORY WITH 130 DCW & DHW LINES

PROVIDE NEW DRINKING FOUNTAIN WITH 130 DCW LINE

PROVIDE ISOLATION BALL VALVES FOR KITCHEN 120 BRANCH FEEDING PIPING

PROVIDE NEW KITCHEN SINK AND 130 DCW & DHW LINES, C/W 130 DHW LINE ROUGH-IN FOR DISHWASHER CONNECTION

PROVIDE FIRE SEALING TO PIPING PENETRATING FIRE RATED WALL PARTITIONS, REFER ARCH DRAWING FOR FIRE RATED WALLS

CONTRACTOR TO VERIFY AND PROVIDE FIRE SEAL TO EXISTING PIPING PENETRATING NEW FIRE RATED WALL PARTITION

PROVIDE FIRE SEALING TO PIPING PENETRATING FIRE RATED WALL PARTITIONS, REFER ARCH DRAWING FOR FIRE RATED WALLS

INSTALL NEW URINAL WITH 200 DCW CONNECTION LINE, REFER ARCHITECTUAL DRAWING FOR EXACT MOUNTING HEIGHT, GRAB BAR AND BARRIER FREE MOUNTING CONFIGURATION (TYP. FOR 4)

EXISTING URINAL TO REMAIN, RE-CONNECT DCW TO SUIT NEW LAYOUT WHEN REQUIRED (TYP FOR 2)

PROVIDE NEW 250 DCW BRANCH CONNECT TO EXISTING MAIN LINE SERVING EXISTING FLUSH VALVE TOILETS & URINALS, CONTRACTOR TO VERIFY EXACT LOCATION AND SIZE ON SITE

INSTALL NEW FLUSH VALVE TOILET WITH 250 DCW LINE CONNECT TO EXISTING MAIN LINE NEARBY, REFER ARCHITECTUAL DRAWING FOR EXACT FIXTURE LOCATION, GRAB BAR AND BARRIER FREE MOUNTING CONFIGURATION (TYP. FOR 3)

PROVIDE NEW ELKAY EWMA9620C STAINLESS STEEL WALL-HUNG MULTI-STATION HAND WASH SINK KIT COMPLETE WITH FAUCETS CONNECTION WITH 130 DCW & DHW LINES (TYP. FOR 4)

CONTRACTOR TO VERIFY EXISTING MECHANICAL ABOVE GROUND AND UNDERGROUND SERVICES ON PROPOSED STAIR AREA, RE-ROUTE MODIFY TO ACCOMMODATE STAIR INSTALLATION IF REQUIRED

PROVIDE NEW 380 DCW & 250 DHW LINE CONNECT TO EXISTING LARGEST SIZE MAIN LINES NEARBY, CONTRACTOR TO VERIFY EXACT LOCATION ON SITE

ASSUMED EXISTING DCW & DHW LARGEST SIZE MAIN LINES SERVING WASHROOM SCOPE AREA, CONTRACTOR TO VERIFY EXACT LOCATION AND SIZE ON SITE, PROVIDE NEW WASHROOM MAIN ISOLATION VALVES IF NOT AVAILABLE

INSTALL NEW LAVATORY WITH 130 DCW & DHW LINES

PROVIDE NEW SHOWER & VALVE WITH 130 DCW & DHW LINES (TYP. FOR 2)

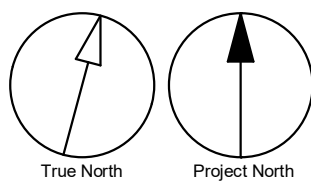
PROVIDE NEW DRINKING FOUNTAIN AND MODIFY/EXTEND EXISTING DCW TO SUIT INSTALLATION

EXISTING EMERGENCY EYE WASH / SHOWER TO REMAIN

1 PLUMBING - GROUND FLOOR WEST
M2101 Scale: 1 : 50

Scale 1:50
0 1 2.5 5 m

GENERAL NOTES:
1. REFER TO SPECIFICATIONS FOR PLUMBING FIXTURE UNIT TYPES.
2. ALL NEW FIXTURES TO BE FITTED WITH ISOLATION VALVES.
3. CONTRACTOR TO PROVIDE FIRE SEALING FOR NEW PIPING PENETRATING FIRE RATED WALL PARTITION AND EXISTING PIPING PENETRATING NEW FIRE RATED WALLS, REFER ARCH. DRAWING FOR FIRE RATED WALLS



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Toronto, ON M9W 0C9, Canada
tel 416 679 1930
www.arcadis.com

PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

**FINCH YARD - BLDG A
1026 FINCH AVE W**

PROJECT NO:
9119-19- 0162 / Arcadis 30279056

DRAWN BY:
K.DURUKAN

CHECKED BY:
B.LIAO

PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
S.LIU

SHEET TITLE
**PLUMBING - GROUND
FLOOR WEST**

SHEET NUMBER

G05-010-M2101

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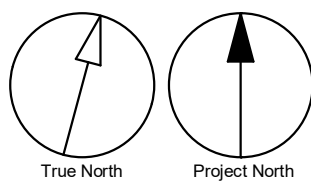


PROVIDE NEW LAVATORY WITH 13Ø DCW, DHW
LINES CONNECT TO EXISTING DCW MAIN LINES
SERVING EXISTING WASHROOM. CONTRACTOR
TO VERIFY EXACT LOCATION ON SITE

PROVIDE NEW TOILET WITH 13Ø DCW LINE
CONNECT TO EXISTING DCW MAIN LINE
SERVING EXISTING WASHROOM. CONTRACTOR
TO VERIFY EXACT LOCATION ON SITE

1 PLUMBING - GROUND FLOOR EAST
M2102 Scale: 1 : 100

GENERAL NOTES:
1. REFER TO SPECIFICATIONS FOR PLUMBING FIXTURE UNIT TYPES.
2. ALL NEW FIXTURES TO BE FITTED WITH ISOLATION VALVES.
3. CONTRACTOR TO PROVIDE FIRE SEALING FOR NEW PIPING PENETRATING
FIRE RATED WALL PARTITION AND EXISTING PIPING PENETRATING NEW FIRE
RATED WALLS, REFER ARCH. DRAWING FOR FIRE RATED WALLS



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Toronto, ON M9W 0C9, Canada
tel 416 679 1930
www.arcadis.com

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PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
S.LIU

SHEET TITLE
**PLUMBING - GROUND
FLOOR EAST**

SHEET NUMBER

G05-010-M2102

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EXISTING DRINKING SHALL
REMAIN AFTER CONSTRUCTION,
CONTRACTOR TO VERIFY EXACT
PIPING LAYOUT ON SITE, RE-
CONNECT PIPING AND RE-INSTALL
WHEN REQUIRED PER ROOM FIRE
SEPARATION RE-WORK AND
LAYOUT RE-WORK REQUIREMENT,
REFER ARCH DWG FOR EXACT
WALL RE-REWORK AND ROOM
LAYOUT CHANGE

PROVIDE NEW FLOOR DRAIN
WITH 750 SAN LINE

PROVIDE NEW MOP SINK
WITH 750 SAN LINE

PROVIDE NEW FLOOR DRAIN
WITH 750 SAN LINE

INSTALL NEW TOILET WITH 750
SAN LINE (TYP. FOR 2)

PROVIDE NEW SHOWER
DRAIN WITH 750 SAN LINE

PROVIDE NEW SHOWER DRAIN
WITH 750 SAN LINE

INSTALL NEW LAVATORY WITH
500 SAN LINE

ASSUMED EXISTING 1000 SAN MAIN
LINES SERVING WASHROOM AREA,
CONTRACTOR TO VERIFY EXACT
LOCATION, INVERT AND SIZE ON SITE

INSTALL NEW TOILET WITH 750
SAN LINE

PROVIDE NEW FLOOR/SHOWER
DRAIN WITH 750 SAN LINE

INSTALL NEW LAVATORY WITH
500 SAN LINE

PROVIDE NEW HORIZONTAL DRAIN
AT CEILING TO OFFSET EXISTING
VERTICAL RISER, APPROX.
EXISTING PIPE SIZE 1000,
CONTRACTOR SHALL VERIFY
EXACT EXISTING ABOVE/UNDER
GROUND PIPING LAYOUT

PROVIDE VERTICAL RISER OFFSET
DROP DOWN TO BELOW GRADE AT
ROOM CORNER

INSTALL NEW LAVATORY WITH
500 SAN LINE

PROVIDE NEW BURIED LINE AND
RE-CONNECT TO EXISTING MAIN
LINE, CONTRACTOR TO VERIFY
EXACT LOCATION, SIZE AND
INVERT ON SITE

PROVIDE NEW DRINKING
FOUNTAIN WITH 500 SAN LINE

PROVIDE NEW KITCHEN SINK
WITH 500 SAN LINE &
DISHWASHER DRAIN ROUGH-IN

PROVIDE NEW SAN LINES FOR ALL NEW FIXTURES AND
CONNECT TO EXISTING MAIN LINE SERVING WASHROOM
AREAS, DRAINAGE LAYOUT SHOWN BASED ON
ASSUMPTION AND TO AID PRICING, CONTRACTOR SHALL
VERIFY EXACT EXISTING BUILDING SAN & VENT SIZE,
INVERT AND LOCATION TO PROVIDE COMPLETE DRAINAGE
SYSTEM TO MEET OBC REQUIREMENT (TYP. FOR ALL)

PROVIDE FIRE SEALING TO PIPING PENETRATING
FIRE RATED WALL PARTITIONS, REFER ARCH
DRAWING FOR FIRE RATED WALLS

PROVIDE NEW FLOOR DRAIN WITH 750 SAN LINE

CONTRACTOR SHALL VERIFY EXACT SAN LAYOUT
SERVING URINAL, PROVIDE NEW BRANCH PIPING
CONNECT TO EXISTING MAIN LINE (TYP. FOR 4)

PROVIDE NEW ELKAY EWM9620C STAINLESS
STEEL WALL-HUNG MULTI-STATION HAND WASH
SINK KIT COMPLETE WITH 750 DRAINAGE
CONNECTION

INSTALL NEW TOILET WITH 750 SAN LINE AND
CONNECT TO EXISTING 1000 MAIN LINE NEARBY
(TYP. FOR 3)

CONTRACTOR TO VERIFY EXISTING MECHANICAL
ABOVE GROUND AND UNDERGROUND SERVICES
ON PROPOSED STAIR AREA, RE-ROUTE MODIFY
TO ACCOMMODATE STAIR INSTALLATION IF
REQUIRED

PROVIDE NEW FLOOR DRAIN WITH 750 SAN LINE

ASSUMED EXISTING 1000 SAN MAIN LINES
SERVING EXISTING WASHROOM AREA, CONTRACTOR TO
VERIFY EXACT LOCATION, INVERT AND SIZE
ON SITE

INSTALL NEW LAVATORY WITH 500 SAN LINE

PROVIDE NEW SHOWER DRAIN WITH 750 SAN
LINE, (TYP. FOR 2)

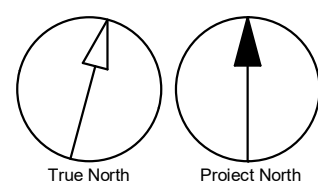
PROVIDE NEW DRINKING FOUNTAIN AND
RELOCATE / MODIFY EXISTING DRAINAGE LINES
EXPOSED ALONG / ON WALL TO SUIT NEW
LOCATION AND BARRIER FREE CLEARANCE,
CONTRACTOR TO VERIFY EXACT PIPING LAYOUT IN
BLOCK WALL AND PROVIDE NEW ROUGH-IN &
PATCH WALL WHEN REQUIRED

RE-ROUTE WITH OFFSET FOR EXISTING CONDENSATE
DRAIN LINE ALONG WALL TO RE-CONNECT TO
HORIZONTAL MAIN DRAIN EXPOSED AT LOW LEVEL
TO ACCOMMODATE NEW DRINKING FOUNTAIN
INSTALLATION

EXISTING EMERGENCY EYE WASH / SHOWER TO
REMAIN, RE-CONNECT DRAINAGE LINE TO SUIT NEW
DRINKING FOUNTAIN WHEN REQUIRED

1 DRAINAGE - GROUND FLOOR WEST
M3101 Scale: 1 : 50

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



Scale 1:50
0 1 2.5 5 m

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Toronto, ON M9W 0C9, Canada
tel 416 679 1930
www.arcadis.com

PROJECT TITLE
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ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

**FINCH YARD - BLDG A
1026 FINCH AVE W**

PROJECT NO:
9119-19- 0162 / Arcadis 30279056

DRAWN BY:
K.DURUKAN

CHECKED BY:
B.LIAO

PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
S.LIU

SHEET TITLE
**DRAINAGE - GROUND
FLOOR WEST**

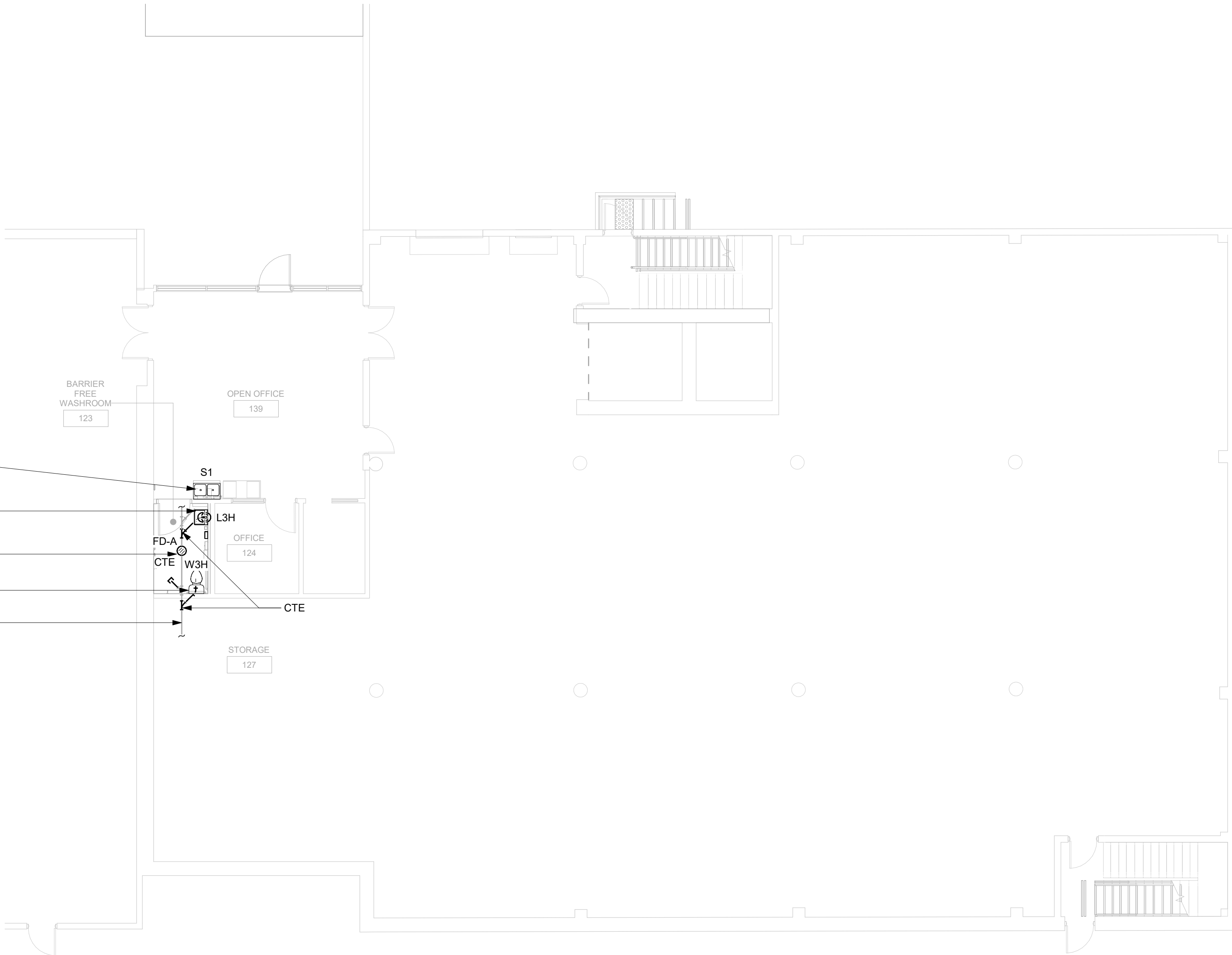
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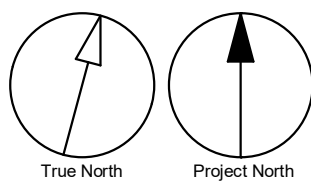


- PROVIDE NEW SINK WITH 500 SAN. LINE
CONNECT TO EXISTING SERVICE,
INSULATE PIPING UNDER LAV
- INSTALL NEW LAVATORY WITH 500 SAN.
LINE CONNECT TO EXISTING SERVICE,
INSULATE PIPING UNDER LAV
- PROVIDE NEW FLOOR DRAIN WITH 1000
SAN. LINE CONNECT TO EXISTING SERVICE
- INSTALL NEW TOILET WITH 750 SAN. LINE
CONNECT TO EXISTING SERVICE
- ASSUMED EXISTING 1000 SAN MAIN LINE
SERVING WASHROOM SCOPE AREA.
CONTRACTOR TO VERIFY EXACT LOCATION,
INVERT AND SIZE ON SITE



1 DRAINAGE - GROUND FLOOR EAST
M3102 Scale: 1 : 100

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



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Toronto, ON M9W 0C9, Canada
tel 416 679 1930
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PROJECT NO:
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DRAWN BY:
K.DURUKAN

CHECKED BY:
B.LIAO

PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
S.LIU

SHEET TITLE
DRAINAGE - GROUND
FLOOR EAST

SHEET NUMBER

G05-010-M3102

ISSUE

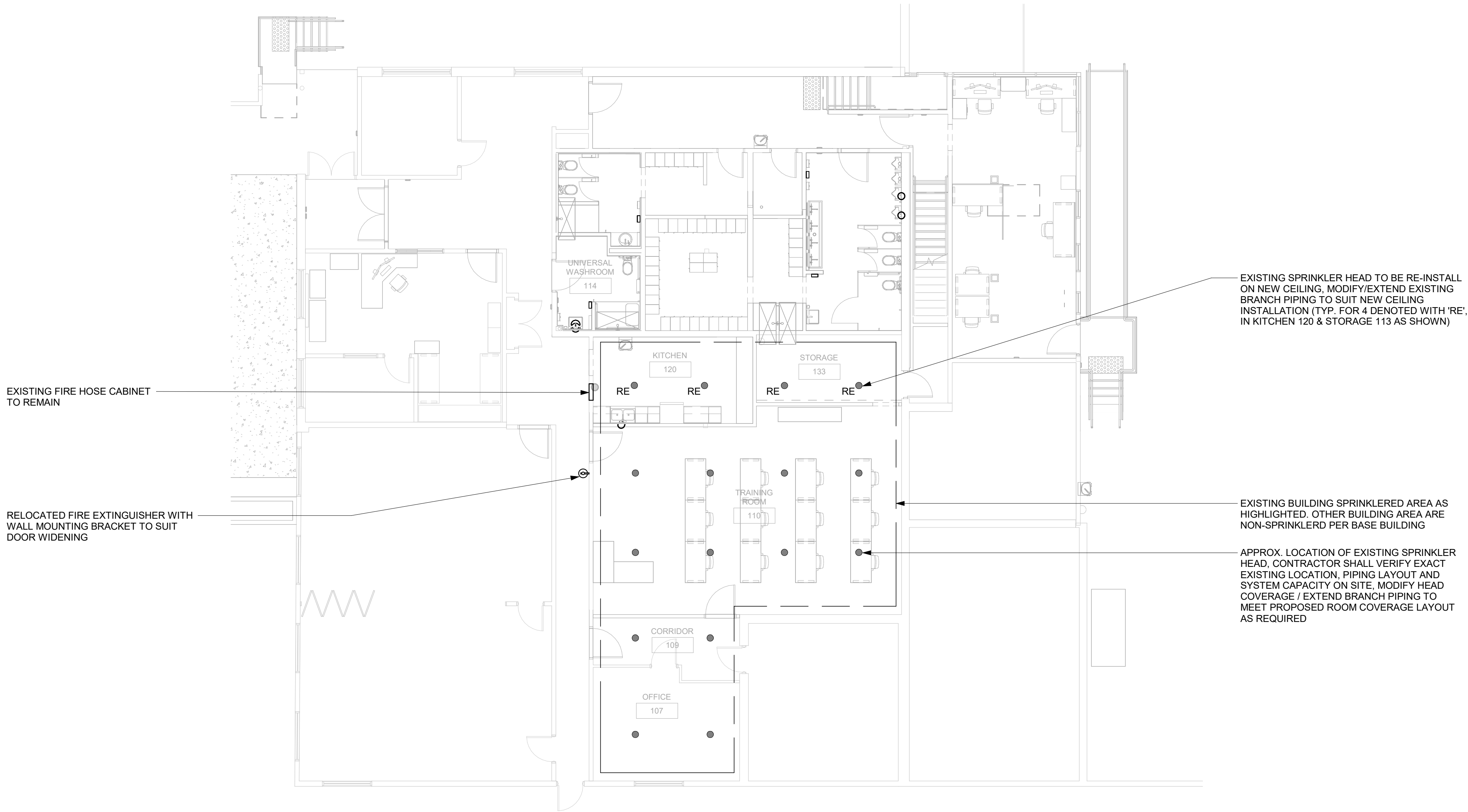
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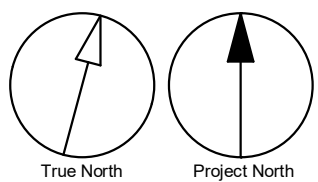
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1 FIRE PROTECTION - GROUND FLOOR WEST
M4101 Scale: 1 : 100



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tel 416 679 1930
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B.LIAO

PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
S.LIU

SHEET TITLE

FIRE PROTECTION -
GROUND FLOOR WEST

SHEET NUMBER

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Scale 1:100

1 HVAC - GROUND FLOOR WEST
M5101 Scale: 1: 50

PROVIDE NEW 500X250 DOOR GRILLE (TYP. FOR ALL SHOWN UNLESS INDICATED OTHERWISE)

PROVIDE 150Ø EXHAUST DUCT UP THROUGH ROOF C/W WIRE MESH SCREEN & GOOSENECK TERMINATE AT 1000MM ABOVE ROOF. PROVIDE FIRE DAMPER TO EXHAUST DUCT PENETRATING SLAB

PROVIDE NEW CEILING EXHAUST FAN, C/W FIRE DAMPER, CONTROLLED BY MANUAL SWITCH

RELOCATED HYDRONIC HEATER, MODIFY ASSOCIATED BRANCH PIPING TO SUIT NEW LOCATION

PROVIDE NEW EXHAUST GRILLES, MODIFY / EXTEND EXISTING DUCTING TO SUIT NEW LOCATION. RE-BALANCE CHANGE ROOM 113 EXHAUST AIR FLOW TO ABOVE 35L/S. PROVIDE NEW BALANCE DAMPERS WHEN REQUIRED, GRILLE SIZE 300X300 MODEL EH PRICE 5000 SERIES OR EQUAL

PROVIDE NEW ELEC. FORCED FLOW HEATER C/W BUILT-IN THERMOSTAT, INSTALL HEATER RECESSED 200MM ABOVE FLOOR

PROVIDE NEW EXHAUST GRILLES, MODIFY / EXTEND EXISTING DUCTING TO SUIT NEW LOCATION. RE-BALANCE WASHROOM 138 TOTAL EXHAUST AIR FLOW TO ABOVE 84L/S. PROVIDE NEW BALANCE DAMPERS WHEN REQUIRED, GRILLE SIZE 300X300 MODEL EH PRICE 5000 SERIES OR EQUAL

VERTICAL HWR/HWS BRANCH TO BE RECESSED IN WALL/PARTITION

RELOCATED HYDRONIC HEATER WITH RETURN MANUAL CONTROL VALVE

PROVIDE NEW 20Ø HWR/HWS RE-CONNECT TO EXISTING MAIN LINES IN CEILING

PROVIDE NEW CEILING EXHAUST FAN CONTROLLED BY LIGHTING SWITCH

PROVIDE 200Ø EXHAUST DUCT UP THROUGH ROOF C/W WIRE MESH SCREEN & GOOSENECK TERMINATE AT 1000MM ABOVE ROOF

PROVIDE NEW S/A GRILLE ON DRYWALL CEILING AND BALANCE AIR FLOW TO 70L/S, GRILLE MODEL EH PRICE SCD OR EQUAL

PROVIDE NEW S/A GRILLE ON T-BAR CEILING AND BALANCE AIR FLOW TO 30L/S, GRILLE MODEL EH PRICE SCD OR EQUAL

PROVIDE FIRE DAMPER TO NEW SUPPLY BRANCH PENETRATING FIRE RATED WALL PARTITION

NEW FIRE RATED PATITION. PROVIDE NEW FIRE DAMPERS, PIPE SEALS FOR EXISTING DUCTWORK PENETARTING NEW FIRE RATED PARTITION. REPLACE FLEX DUCT TO IGID DUCT WHEN REQUIRED. CONTRACTOR TO VERIFY EXACT CEILING MECH SERVICES LAYOUT ON SITE. REFER ARCH DWG FOR EXACT FIRE RATED WALL REQUIREMENT

EXISTING THERMOSTAT TO REMAIN. CONTRACTOR TO REFER ARCH. DWG. FOR EXACT DOOR WIDENING REQUIREMENT. RE-INSTALL/RELOCATE & RE-WIRING THERMOSTAT TO ACCOMADATE DOOR WIDENING IF REQUIRED.

RELOCATED SUPPLY DIFFUSER. PROVIDE NEW FLEXIBLE DUCTWORK TO SUIT NEW LOCATION WHEN REQUIRED. CONTRATOR TO VERIFY EXACT EXISTING DUCTWORK LAYOUT ON SITE

PROVIDE NEW 250X200 S/A DUCT WITH BALANCE DAMPER CONNECT TO EXISTING MAIN S/A DUCTWORK OF EXISTING RTU. BALANCE AIR FLOW TO 100L/S. CONTRACTOR VERIFY EXACT EXISTING DUCT LAYOUT ON SITE

CONTRACTOR TO VERIFY AND PROVIDE FIRE DAMPER TO EXISTING DUCTING PENETRATING NEW FIRE RATED WALL PARTITION

PROVIDE NEW 500X250 FIRE RATED DOOR GRILLE

NEW FIRE RATED PATITION. PROVIDE NEW FIRE DAMPERS, PIPE SEALS FOR EXISTING DUCTWORK PENETARTING NEW FIRE RATED PARTITION. REPLACE FLEX DUCT TO IGID DUCT WHEN REQUIRED. CONTRACTOR TO VERIFY EXACT CEILING MECH SERVICES LAYOUT ON SITE. REFER ARCH DWG FOR EXACT FIRE RATED WALL REQUIREMENT

PROVIDE WALL MOUNTED PROGRAMMABLE WIRED THERMOSTAT TO INDOOR AC UNIT (TYP. FOR 3)

PROVIDE NEW EXHAUST GRILLES, MODIFY / EXTEND EXISTING DUCTING TO SUIT NEW LOCATION. RE-BALANCE WASHROOM 112 TOILET/URINAL AREA TOTAL EXHAUST AIR FLOW TO ABOVE 200L/S. PROVIDE NEW BALANCE DAMPERS WHEN REQUIRED. GRILLE SIZE 300X300 MODEL EH PRICE 5000 SERIES OR EQUAL

PROVIDE NEW WALL MOUNTED SPLIT AC UNIT MODEL PKFY-P08NLMU-E-TH REPLACE EXISTING CASSETTE INDOOR UNIT. NOMINAL CAPACITY TO MATCH EXISTING UNIT. MODIFY/EXTEND EXISTING LIQUID/GAS PIPING AND CONDENSATE PIPING TO SUIT NEW LOCATION. CONTRACTOR TO VERIFY EXACT EXISTING PIPING LAYOUT AND CONTROL WIRING ON SITE (TYP. FOR 3)

PROVIDE NEW S/A GRILLE REPLACE EXISTING DIFFUSER. REPLACE FLEX DUCT TO RIGID DUCT TO MOUNT GRILLE BETWEEN JOIST ON DUCT END. BALANCE AIR FLOW TO MATCH EXISTING TESTED FLOW RATE. ASSUMED 3METER EXISTING FLEX DUCT. CONTRACTOR SHALL VERIFY EXACT DUCTWORK LAYOUT AND FLOWRATE ON SITE

EXISTING VRF SYSTEM REFRIGERANT MAIN/BRANCH PIPING AND CONDENSATE MAIN LINE ALONG WALL AT APPROX. 3.5M ABOVE GARAGE FLOOR. BRANCH PIPING TO BE MODIFIED TO SUIT NEW AC INDOOR UNITS

PROVIDE NEW ELEC. FORCED FLOW HEATER C/W BUILT-IN THERMOSTAT

EXISTING BRANCH PIPING SERVING EXISTING CASSETTE INDOOR UNIT TO BE MODIFIED / EXTENDED TO SUIT NEW AC INDOOR UNIT (TYP. FOR 3 NEW AC UNITS)

RELOCATED HYDRONIC HEATER, MODIFY ASSOCIATED BRANCH PIPING TO SUIT NEW LOCATION

PROVIDE NEW EXHAUST GRILLE, MODIFY / EXTEND EXISTING DUCTING TO SUIT NEW LOCATION. RE-BALANCE SHOWER AREA EXHAUST AIR FLOW TO ABOVE 85L/S. PROVIDE NEW BALANCE DAMPERS WHEN REQUIRED. GRILLE SIZE 300X300 MODEL EH PRICE 5000 SERIES OR EQUAL

EXISTING HYDRONIC HEATER AND ASSOCIATED PIPING TO REMAIN

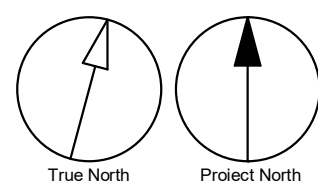
PROVIDE NEW ELEC. FORCED FLOW HEATER C/W BUILT-IN THERMOSTAT, INSTALL HEATER AT 200MM ABOVE FLOOR

EXISTING STORAGE ROOM HVAC TO REMAIN

RE-INSTALL RETURN AIR GRILLE ON NEW CEILING

GENERAL NOTES:

1. ADD AND ADJUST DUCTS TO FIT NEW DIFFUSERS/GRILLES.
2. THERMOSTATS TO BE MOUNTED AT 1200mm A.F.F.
3. CONTRACTOR TO PROVIDE FIRE DAMPER FOR NEW DUCTING PENETRATING FIRE RATED WALL PARTITION AND EXISTING DUCTING PENETRATING NEW FIRE RATED WALLS. REFER ARCH. DRAWING FOR FIRE RATED WALLS



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C	ISSUED FOR TENDER	2022-12-07
D	ISSUED FOR PERMIT	2025-04-18

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PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

FINCH YARD - BLDG A
1026 FINCH AVE W

PROJECT NO:

9119-19- 0162 / Arcadis 30279056

DRAWN BY:

K.DURUKAN

CHECKED BY:

B.LIAO

PROJECT MGR:

F. BOLOURIAN

APPROVED BY:

S.LIU

SHEET TITLE

HVAC - GROUND FLOOR
WEST

SHEET NUMBER

G05-010-M5101

ISSUE

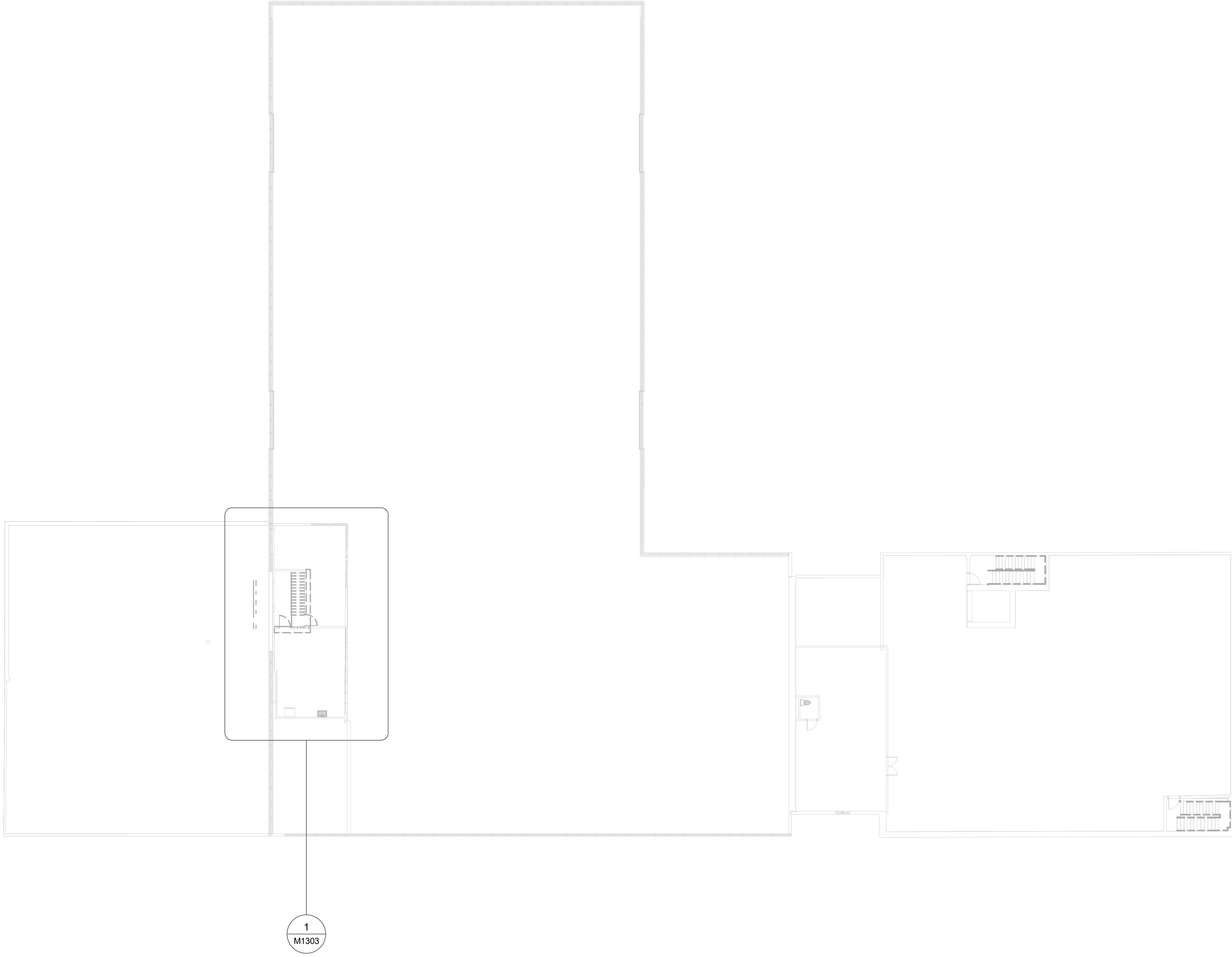
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Autodesk Docs // 122260 - Cot TAU Upgrades R0204122260-5-10-1026FINCH_A-MR20.v1 1/10m

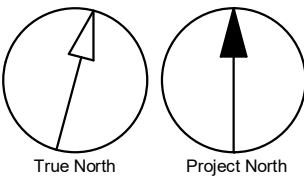
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1 DEMOLITION - SECOND FLOOR WEST
M1102 Scale: 1 : 200



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

PROJECT ADDRESS
**FINCH YARD - BLDG A
1026 FINCH AVE W**

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

SHEET TITLE
**DEMOLITION PLAN -
SECOND FLOOR**

SHEET NUMBER G05-010-M1102	ISSUE D
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EXISTING SHOWER TO BE REMOVED, CAP ASSOCIATED DCW, DHW & SAN LINES BACK TO MAIN, CONTRACTOR TO VERIFY EXACT LAYOUT ON SITE

EXISTING DOOR GRILLE TO BE REPLACED WITH NEW FOR NEW DOOR

EXISTING HYDRONIC HEATER TO BE RELOCATED, ASSOCIATED EXPOSED SUPPLY/RETURN BRANCH PIPING ALONG WALL TO BE REMOVED AND CAPPED TO MAIN LINES IN CEILING/CEILING, EXISTING MANTUAL RETURN CONTROL VALVE TO BE REPLACED WITH NEW, REFER M5101 FOR NEW HEATER LOCATION

EXISTING EXHAUST GRILLE TO BE REPLACED WITH NEW, MODIFY/EXTEND BRANCH DUCTWORK TO SUIT NEW EXHAUST LOCATION AS REQUIRED, REFER M5102 FOR NEW LOCATION

EXISTING SHOWER TO BE REMOVED, CAP ASSOCIATED DCW, DHW & SAN LINES BACK TO MAIN, CONTRACTOR TO VERIFY EXACT LAYOUT ON SITE

EXISTING EXHAUST GRILLE TO BE REPLACED WITH NEW, MODIFY/EXTEND BRANCH DUCTWORK TO SUIT NEW EXHAUST LOCATION AS REQUIRED, REFER M5102 FOR NEW LOCATION

EXISTING HYDRONIC HEATER TO BE REMOVED, ASSOCIATED EXPOSED SUPPLY/RETURN BRANCH PIPING ALONG WALL TO BE REMOVED AND CAPPED TO MAIN LINES IN CEILING

EXISTING FLOOR MOUNTED FLUSH VALVE TOILET TO BE REMOVED, REMOVE AND CAP ASSOCIATED BRANCH DCW & SAN LINES BACK TO MAIN, CONTRACTOR TO VERIFY EXACT LAYOUT ON SITE

ASSUMED EXISTING 100Ø SAN MAIN LINES SERVING WASHROOM AREA, CONTRACTOR TO VERIFY EXACT LOCATION, INVERT AND SIZE ON SITE

EXISTING LAV TO BE REMOVED, CAP ASSOCIATED PIPING BACK TO MAIN

EXISTING HYDRONIC HEATER TO BE REMOVED, ASSOCIATED EXPOSED SUPPLY/RETURN BRANCH PIPING ALONG WALL TO BE REMOVED AND CAPPED TO MAIN LINES IN CEILING

EXISTING ABANDONED EXPOSED 13MM PIPE ALONG WALL TO BE REMOVED, CONTRACTOR SHALL VERIFY EXACT PIPE LAYOUT AND FUNCTION ON SITE, NOTIFY CONSULTANT FOR DISCREPANCY

EXISTING MOP SINK TO BE REMOVED, CAP ASSOCIATED PIPING BACK TO MAIN, CONTRACTOR TO VERIFY EXACT LAYOUT ON SITE

EXISTING EXHAUST GRILLE TO BE REPLACED WITH NEW, MODIFY/EXTEND BRANCH DUCTWORK TO SUIT NEW EXHAUST LOCATION AS REQUIRED, REFER M5102 FOR NEW LOCATION

RELOCATE EXISTING VERTICAL PIPE RISER/LEADER AND RE-CONNECT TO EXISTING BURIED & CEILING PIPING, REFER TO M3101 FOR NEW LOCATION, CONTRACTOR TO VERIFY EXACT FUNCION AND PIPE LAYOUT ON SITE

EXISTING DRINKING FOUNTAIN AND ASSOCIATED BRANCH PIPING TO BE REMOVED AND CAPPED BACK TO MAIN, CONTRACTOR TO VERIFY EXACT PIPING LAYOUT ON SITE

EXISTING HYDRONIC HEATER TO BE RELOCATED, ASSOCIATED EXPOSED SUPPLY/RETURN BRANCH PIPING ALONG WALL TO BE REMOVED AND CAPPED TO MAIN LINES IN CEILING/CEILING, EXISTING MANTUAL RETURN CONTROL VALVE TO BE REPLACED WITH NEW, REFER M5101 FOR NEW HEATER LOCATION

EXISTING WALL MOUNTED PORTABLE FIRE EXTINGUISHER TO BE RELOCATED, REFER TO M4101 FOR NEW LOCATION

EXISTING THERMOSTAT TO REMAIN, CONTRACTOR TO REFER ARCH. DWG. FOR EXACT DOOR WINDENING REQUIREMENT, RE-INSTALL/RELOCATE & RE-WIRING THERMOSTAT TO ACCOMADATE DOOR WIDENING IF REQUIRED.

EXISTING FIRE HOSE CABINET AND STAND PIPE TO REMAIN

EXISTING S/A DIFFUSER TO BE RELOCATED, REFER M5101 FOR NEW LOCATION, MODIFY/EXTEND EXISTING DUCTWORK TO SUIT NEW LOCATION

APPROX. LOCATION OF EXISTING SPRINKLER HEAD, CONTRACTOR SHALL VERIFY EXACT EXISTING LOCATION, PIPING LAYOUT AND SYSTEM CAPACITY ON SITE, MODIFY HEAD COVERAGE / EXTEND BRANCH PIPING TO MEET PROPOSED ROOM COVERAGE LAYOUT AS REQUIRED

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.

EXISTING DOOR GRILLE TO BE REPLACED WITH NEW FOR NEW DOOR

EXISTING EXHAUST GRILLE TO BE REPLACED WITH NEW, MODIFY/EXTEND BRANCH DUCTWORK TO SUIT NEW EXHAUST LOCATION AS REQUIRED, REFER M5102 FOR NEW LOCATION (TYP. FOR 2)

EXISTING DRINKING SHALL REMAIN AFTER CONSTRUCTION, CONTRACTOR TO VERIFY EXACT PIPING LAYOUT ON SITE, RE-CONNECT PIPING AND RE-INSTALL WHEN REQUIRED PER ROOM FIRE SEPARATION RE-WORK AND LAYOUT RE-WORK REQUIREMENT, REFER ARCH DWG FOR EXACT WALL RE-REWORK AND ROOM LAYOUT CHANGE

EXISTING URINAL TO BE REMOVED, REMOVE AND CAP BRANCH PIPING BACK TO MAIN AND MAKE GOOD FINISH, CONTRACTOR TO VERIFY EXACT PIPING LOCATION ON SITE (TYP. FOR 4)

EXISTING CEILING CASSETTE VRF INDOOR AC UNIT AND ASSOCIATED THERMOSTAT TO BE REMOVED AND REPLACED WITH NEW TYPE, CONTRACTOR TO VERIFY EXISTING PIPING LAYOUT AND LOCATION OF OUTDOOR UNIT ON SITE

ASSUMED EXISTING DCW MAIN LINE SERVING FLUSH VALVE TOILETS & URINALS, CONTRACTOR TO VERIFY EXACT LOCATION AND SIZE ON SITE

EXISTING FLOOR MOUNTED WASH-FOUNTAIN TO BE REMOVED, CAP ASSOCIATED PIPING BACK TO MAIN, CONTRACTOR TO VERIFY EXACT LAYOUT ON SITE (TYP. FOR 2)

EXISTING VRF SYSTEM REFRIGERANT MAIN/BRANCH PIPING AND CONDENSATE MAIN LINE ALONG WALL AT APPROX. 3.5M ABOVE GARAGE FLOOR, BRANCH PIPING TO BE MODIFIED TO SUIT NEW AC INDOOR UNITS

EXISTING FLOOR MOUNTED FLUSH VALVE TOILET TO BE REMOVED, REMOVE AND CAP ASSOCIATED BRANCH DCW & SAN LINES BACK TO MAIN, CONTRACTOR TO VERIFY EXACT LAYOUT ON SITE (TYP. FOR 4)

EXISTING S/A DIFFUSER TO BE REMOVED, CONTRACTOR TO VERIFY EXACT DUCTWORK AND TEST EXISTING AIR FLOW RATE ON SITE, DUCTWORK TO BE MODIFIED/EXTENDED TO NEW GRILLE, REFER M5101 FOR NEW LOCATION

EXISTING THERMOSTAT CONTROL HYDRONIC HEATER & INDOOR AC TO BE REMOVED, CONTRACTOR TO VERIFY ON SITE (TYP.)

CONTRACTOR TO INVESTIGATE EXACT CONTROL FUNCTION OF FAN SWITCH, REMOVED IF ABANDONED

EXISTING CEILING CASSETTE VRF INDOOR AC UNIT AND ASSOCIATED THERMOSTAT TO BE REMOVED AND REPLACED WITH NEW TYPE, CONTRACTOR TO VERIFY EXISTING PIPING LAYOUT AND LOCATION OF OUTDOOR UNIT ON SITE (TYP.)

EXISTING HYDRONIC HEATER AND ASSOCIATED CONTROL, EXPOSED BRANCH PIPING, SERVING EXISTING OFFICE 118 TO BE REMOVED, CAP BRANCH PIPING IN WALL AND MAKE GOOD FINISH

ASSUMED LOCATION OF EXISTING HWS & HWR RETUN MAIN LINES IN WALL, CONTRACTOR SHALL VERIFY EXACT LOCATION ON SITE

EXISTING HYDRONIC HEATER AND ASSOCIATED PIPING VALVE, CONTROL SERVING STORAGE ROOM (NOT IN SCOPE AREA) SHALL REMAIN

ASSUMED EXISTING DCW & DHW LARGEST SIZE MAIN LINES SERVING WASHROOM SCOPE AREA, CONTRACTOR TO VERIFY EXACT LOCATION AND SIZE ON SITE

ASSUMED EXISTING 100Ø SAN MAIN LINE SERVING WASHROOM SCOPE AREA, CONTRACTOR TO VERIFY EXACT LOCATION, INVERT AND SIZE ON SITE

EXISTING HYDRONIC HEATER TO REMAIN

EXISTING RETURN AIR 600X600 GRILLE TO BE RE-INSTALLED ON NEW CEILING

EXISTING DRINKING FOUNTAIN TO BE REMOVED, MODIFY/EXTEND ASSOCIATED DCW & SAN LINES TO SUIT NEW DRINKING FOUNTAIN INSTALLATION REQUIREMENT, CONTRACTOR TO VERIFY EXACT PIPING LAYOUT IN BLOCK WALL

RE-ROUTE WITH OFFSET FOR EXISTING CONDENSATE DRAIN LINE ALONG WALL TO RE-CONNECT TO HORIZONTAL MAIN DRAIN EXPOSUED AT LOW LEVEL TO ACCOMODATE NEW DRINKING FOUNTAIN INSTALLATION

EXISTING EMERGENCY EYE WASH / SHOWER STATION TO REMAIN, MODIFY EXISTING DRAIN LINE TO ACCOMODATE NEW DRINKING FOUNTAIN WHEN REQUIRED

GENERAL NOTES:
1. CONTRACTOR TO VERIFY SITE CONDITION.
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PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

FINCH YARD - BLDG A
1026 FINCH AVE W

PROJECT NO:

9119-19- 0162 / Arcadis 30279056

DRAWN BY:

K.DURUKAN

CHECKED BY:

B.LIAO

PROJECT MGR:

F. BOLOURIAN

APPROVED BY:

S.LIU

SHEET TITLE

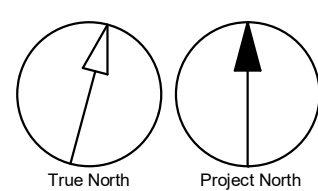
DEMOLITION - GROUND
FLOOR WEST ENLARGED
PLAN

SHEET NUMBER

G05-010-M1301

ISSUE

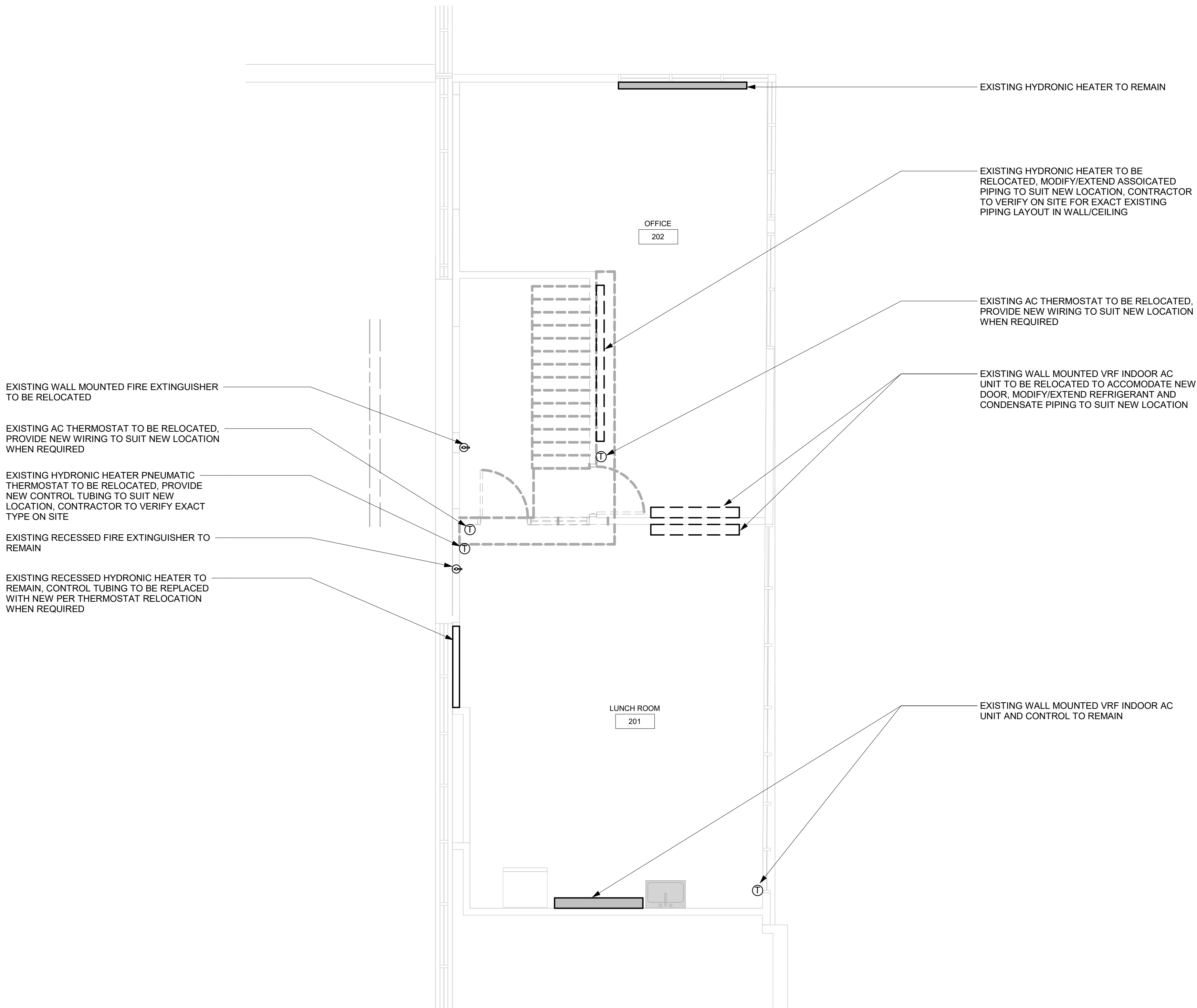
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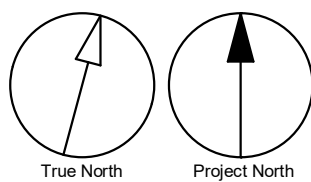
1 DEMOLITION - GROUND FLOOR WEST ENLARGED PLAN
M1301 Scale: 1 : 50

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1 DEMOLITION - SECOND FLOOR WEST ENLARGED PLAN
M1303 Scale: 1 : 50

- GENERAL NOTES:
1. CONTRACTOR TO VERIFY SITE CONDITION.
 2. REMOVE AND CAP EXISTING SERVICES AS SHOWN ON THE DRAWING.
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PROJECT ADDRESS
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PROJECT NO:
9119-19- 0162 / Arcadis 30279056

DRAWN BY: K.DURUKAN	CHECKED BY: B.LIAO
PROJECT MGR: F. BOLOURIAN	APPROVED BY: S.LIU

SHEET TITLE
**DEMOLITION - SECOND
FLOOR WEST ENLARGED
PLAN**

SHEET NUMBER G05-010-M1303	ISSUE D
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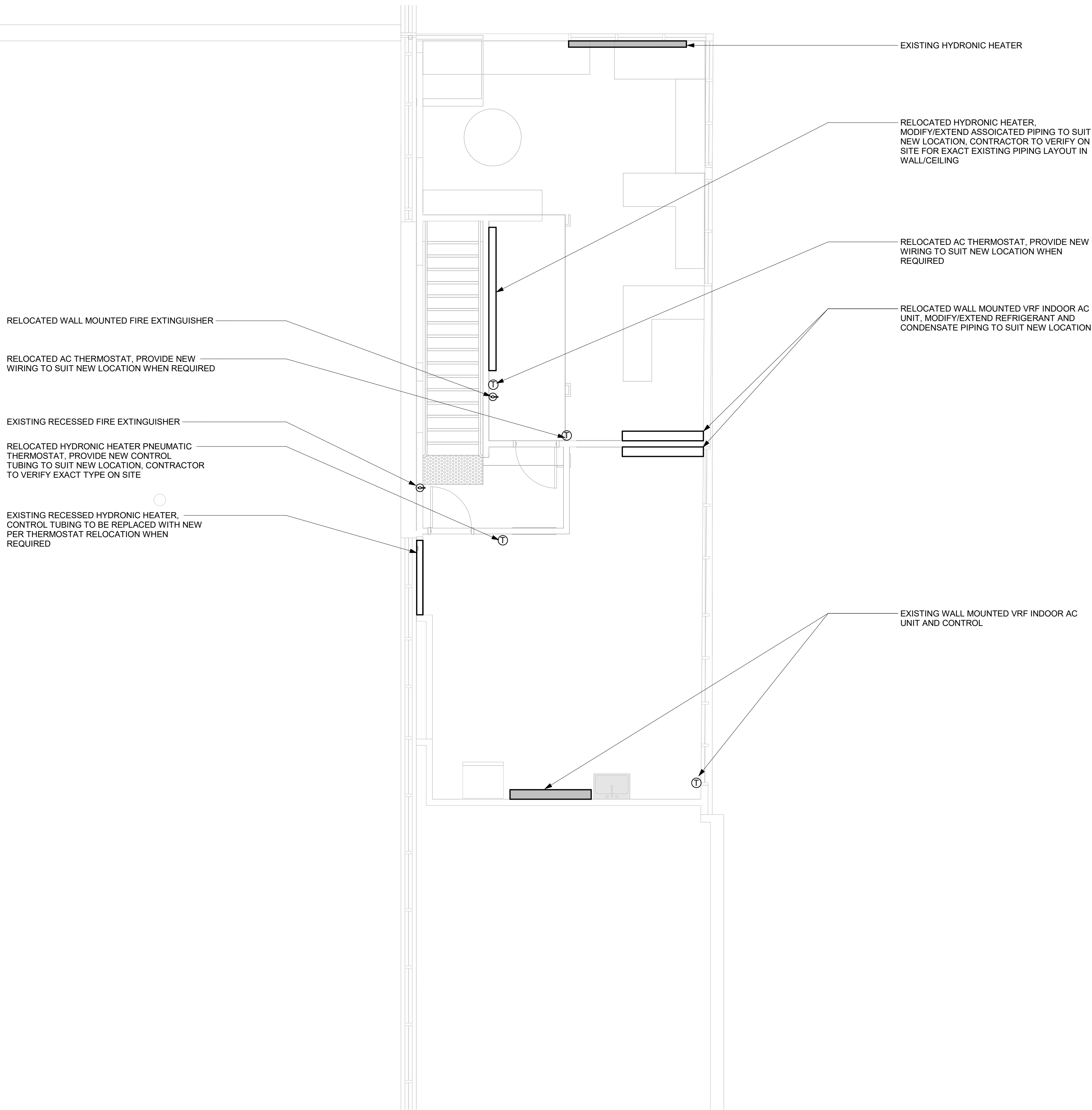


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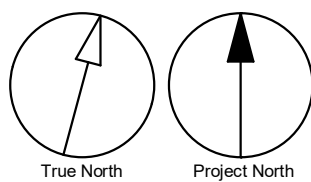
M5102

HVAC - SECOND FLOOR WEST

Scale: 1 : 50



GENERAL NOTES:
1. ADD AND ADJUST DUCTS TO FIT NEW DIFFUSERS/GRILLES.
2. THERMOSTATS TO BE MOUNTED AT 1200mm A.F.F.
3. CONTRACTOR TO PROVIDE FIRE DAMPER FOR NEW DUCTING PENETRATING FIRE RATED WALL PARTITION AND EXISTING DUCTING PENETRATING NEW FIRE RATED WALLS, REFER ARCH. DRAWING FOR FIRE RATED WALLS



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PROJECT NO:
9119-19- 0162 / Arcadis 30279056

DRAWN BY: K.DURUKAN	CHECKED BY: B.LIAO
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PROJECT MGR: F. BOLOURIAN	APPROVED BY: S.LIU
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SHEET TITLE
HVAC - SECOND FLOOR
WEST

SHEET NUMBER
G05-010-M5102

ISSUE
D

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MECHANICAL DRAWING LIST	
Sheet Number	Sheet Name
M0001	MECHANICAL DRAWING LIST
M0201	EQUIPMENT SCHEDULE
M1101	DEMOLITION PLAN - GROUND FLOOR
M1102	DEMOLITION PLAN - SECOND FLOOR
M1301	DEMOLITION - GROUND FLOOR WEST ENLARGED PLAN
M1302	DEMOLITION - GROUND FLOOR EAST ENLARGED PLAN
M1303	DEMOLITION - SECOND FLOOR WEST ENLARGED PLAN
M2101	PLUMBING - GROUND FLOOR WEST
M2102	PLUMBING - GROUND FLOOR EAST
M3101	DRAINAGE - GROUND FLOOR WEST
M3102	DRAINAGE - GROUND FLOOR EAST
M4101	FIRE PROTECTION - GROUND FLOOR WEST
M5101	HVAC - GROUND FLOOR WEST
M5102	HVAC - SECOND FLOOR WEST

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1026 FINCH AVE W

PROJECT NO:
9119-19- 0162 / Arcadis 30279056

DRAWN BY: K.DURUKAN	CHECKED BY: B.LIAO
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PROJECT MGR: F. BOLOURIAN	APPROVED BY: S.LIU
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SHEET TITLE
MECHANICAL DRAWING
LIST

SHEET NUMBER G05-010-M0001	ISSUE D
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EXHAUST FAN SCHEDULE									
TAG NO.	SERVICE	MANUFACTURER/ MODEL NO.	CAPACITY (LPS)	S.P. (Pa)	FAN	MOTOR			NOTES
					TYPE	HP	RPM	V/Ph/Hz	
EF-01	133 - UNIVERSAL WASHROOM	GREENHECK MODEL SP-A190	71	93.3	CEILING FAN, DIRECT DRIVE	0.06	1400	115/60/1	CONTROLLED BY LIGHTING SWITCH, C/W EXHAUST GRILLE, DISCONNECT SWITCH, BACKDRAFT DAMPER, ROUND DUCT CONNECTOR
EF-02	135 - JAN. ROOM	GREENHECK MODEL SP-A125	35	93.3	CEILING FAN, DIRECT DRIVE	0.03	1100	115/60/1	CONTROLLED BY MANUAL SWITCH, C/W EXHAUST GRILLE, DISCONNECT SWITCH, BACKDRAFT DAMPER, ROUND DUCT CONNECTOR

ELECTRICAL HEATER SCHEDULE								
TAG NO.	SERVICE	MANUFACTURER/ MODEL NO.	CAPACITY OUTPUT (KW)	V/Ph/Hz	WEIGHT (KG)	FAN		NOTES
						POWER (KW)	FLOW (LPS)	
EH-01	WOMENS WASHROOM - 138	OUELLET OAC01502-T	1.5	120/1/60	10.9	-	75	DISCONNECT SWITCH, C/W BUILT-IN THERMOSTAT
EH-02	MENS WASHROOM - 112	OUELLET OAC01502-T	1.5	120/1/60	10.9	-	75	DISCONNECT SWITCH, C/W BUILT-IN THERMOSTAT
EH-03	OFFICE AREA - 118	OUELLET ODI1508	1.5	208/1/60	9	-	-	DISCONNECT SWITCH, C/W BUILT-IN THERMOSTAT

AC SYSTEM - INDOOR UNIT								
TAG No.	SERVICE	LOCATION	MANUFACTURE / MODEL No.	AIR FLOW (Lo-Mid2-Mid1-Hi)	V/Ph/Hz	MCA	WEIGHT (LBS)	NOTE
AC-01	OFFICE AREA - 108	OFFICE AREA - 108	MITSUBISHI PKFY-P08NLMU-E-TH	141-162-191-237	230/1/60	0.24	24.5	1 ~ 5
AC-02	OFFICE AREA - 108	OFFICE AREA - 108	MITSUBISHI PKFY-P08NLMU-E-TH	141-162-191-237	230/1/60	0.24	24.5	1 ~ 5
AC-03	OFFICE AREA - 108	OFFICE AREA - 108	MITSUBISHI PKFY-P08NLMU-E-TH	141-162-191-237	230/1/60	0.24	24.5	1 ~ 5
NOTE: 1. UNIT TO REPLACE EXISTING MODEL, CONTRACTOR SHALL VERIFY EXACT EXISTING INDOOR UNIT CAPACITY, NEW UNIT TO MATCH EXISTING CAPACITY. 2. MODIFY EXISTING PIPING PIPING, VALVES AND FITTING CONNECT TO OUTDOOR UNIT, REPLACE PIPING / VALVE IF REQUIRED TO SUIT SITE CONDITION. 3. C/W 7-DAY/24HRS PROGRAMMABLE WALL MOUNTED THERMOSTAT WITH LCD DISPLAY. 4. C/W CONDENSATE PUMP. 5. C/W DISCONNECT SWITCH.								

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www.arcadis.com

PROJECT TITLE
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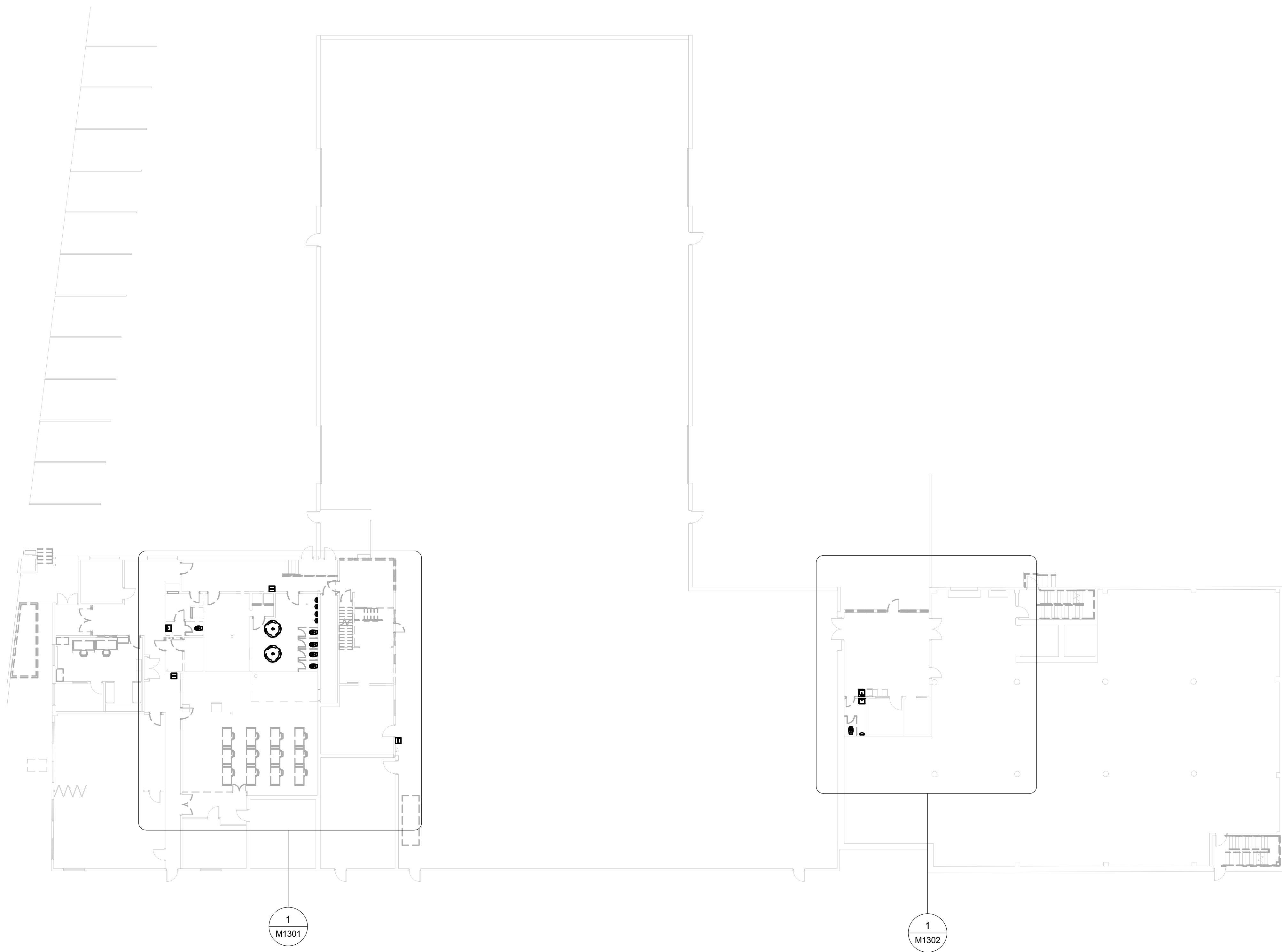
PROJECT ADDRESS

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1026 FINCH AVE W

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

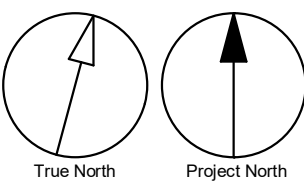
SHEET TITLE
EQUIPMENT SCHEDULE

SHEET NUMBER G05-010-M0201	ISSUE D
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1 DEMOLITION - GROUND FLOOR
M1101 Scale: 1 : 200

- 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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C	ISSUED FOR TENDER	2022-12-07
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PROJECT TITLE
CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

FINCH YARD - BLDG A
1026 FINCH AVE W

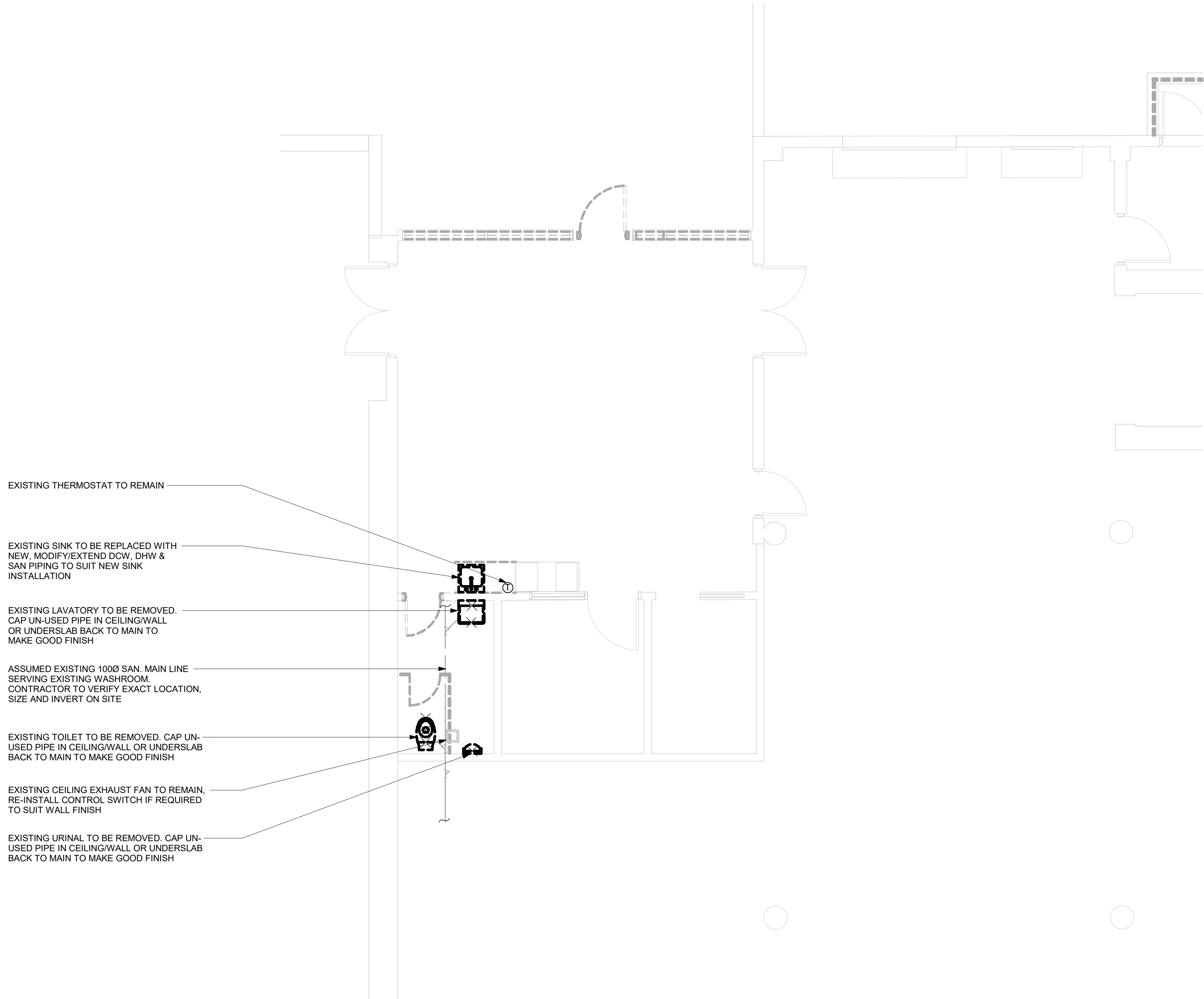
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DRAWN BY: K.DURUKAN	CHECKED BY: B.LIAO
PROJECT MGR: F. BOLOURIAN	APPROVED BY: S.LIU

SHEET TITLE
DEMOLITION PLAN -
GROUND FLOOR

SHEET NUMBER G05-010-M1101	ISSUE D
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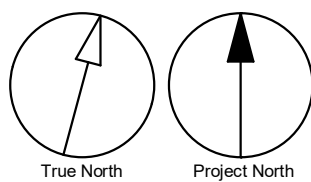
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1
DEMOLITION - GROUND FLOOR EAST ENLARGED PLAN
M1302 Scale: 1 : 50

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



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PROJECT TITLE
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ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
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1026 FINCH AVE W**

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

SHEET TITLE
**DEMOLITION - GROUND
FLOOR EAST ENLARGED
PLAN**

SHEET NUMBER G05-010-M1302	ISSUE D
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EXISTING DRINKING SHALL REMAIN AFTER CONSTRUCTION, CONTRACTOR TO VERIFY EXACT PIPING LAYOUT ON SITE, RE-CONNECT PIPING AND RE-INSTALL WHEN REQUIRED PER ROOM FIRE SEPARATION RE-WORK AND LAYOUT RE-WORK REQUIREMENT, REFER ARCH DWG FOR EXACT WALL RE-REWORK AND ROOM LAYOUT CHANGE

PROVIDE FIRE SEALING TO PIPING PENETRATING FIRE RATED WALL PARTITIONS OF JANITOR ROOM, REFER ARCH DRAWING FOR FIRE RATED WALLS

PROVIDE NEW MOP SINK AND 130 DCW & DHW LINES

INSTALL NEW FLUSH VALVE TOILET WITH 250 DCW LINE (TYP. FOR 2)

INSTALL NEW LAVATORY WITH 130 DCW & DHW LINES, PROVIDE HIGHER MOUNTING CARRIER REFER TO MECH SPEC

PROVIDE NEW SHOWER & VALVE WITH 130 DCW & DHW LINES

INSTALL NEW FLUSH VALVE TOILET WITH 250 DCW LINE

PROVIDE ISOLATION BALL VALVES FOR BRANC FEEDING PIPING SERVING WASHROOM 114 & WASHROOM 138 C/W ACCESS PANEL

PROVIDE NEW SHOWER & VALVE WITH 130 DCW & DHW LINES

INSTALL NEW LAVATORY WITH 130 DCW & DHW LINES

PROVIDE NEW DRINKING FOUNTAIN WITH 130 DCW LINE

PROVIDE ISOLATION BALL VALVES FOR KITCHEN 120 BRANCH FEEDING PIPING

PROVIDE NEW KITCHEN SINK AND 130 DCW & DHW LINES, C/W 130 DHW LINE ROUGH-IN FOR DISHWASHER CONNECTION

PROVIDE FIRE SEALING TO PIPING PENETRATING FIRE RATED WALL PARTITIONS, REFER ARCH DRAWING FOR FIRE RATED WALLS

CONTRACTOR TO VERIFY AND PROVIDE FIRE SEAL TO EXISTING PIPING PENETRATING NEW FIRE RATED WALL PARTITION

PROVIDE FIRE SEALING TO PIPING PENETRATING FIRE RATED WALL PARTITIONS, REFER ARCH DRAWING FOR FIRE RATED WALLS

INSTALL NEW URINAL WITH 200 DCW CONNECTION LINE, REFER ARCHITECTUAL DRAWING FOR EXACT MOUNTING HEIGHT, GRAB BAR AND BARRIER FREE MOUNTING CONFIGURATION (TYP. FOR 4)

EXISTING URINAL TO REMAIN, RE-CONNECT DCW TO SUIT NEW LAYOUT WHEN REQUIRED (TYP FOR 2)

PROVIDE NEW 250 DCW BRANCH CONNECT TO EXISTING MAIN LINE SERVING EXISTING FLUSH VALVE TOILETS & URINALS, CONTRACTOR TO VERIFY EXACT LOCATION AND SIZE ON SITE

INSTALL NEW FLUSH VALVE TOILET WITH 250 DCW LINE CONNECT TO EXISTING MAIN LINE NEARBY, REFER ARCHITECTUAL DRAWING FOR EXACT FIXTURE LOCATION, GRAB BAR AND BARRIER FREE MOUNTING CONFIGURATION (TYP. FOR 3)

PROVIDE NEW ELKAY EWMA9620C STAINLESS STEEL WALL-HUNG MULTI-STATION HAND WASH SINK KIT COMPLETE WITH FAUCETS CONNECTION WITH 130 DCW & DHW LINES (TYP. FOR 4)

CONTRACTOR TO VERIFY EXISTING MECHANICAL ABOVE GROUND AND UNDERGROUND SERVICES ON PROPOSED STAIR AREA, RE-ROUTE MODIFY TO ACCOMMODATE STAIR INSTALLATION IF REQUIRED

PROVIDE NEW 380 DCW & 250 DHW LINE CONNECT TO EXISTING LARGEST SIZE MAIN LINES NEARBY, CONTRACTOR TO VERIFY EXACT LOCATION ON SITE

ASSUMED EXISTING DCW & DHW LARGEST SIZE MAIN LINES SERVING WASHROOM SCOPE AREA, CONTRACTOR TO VERIFY EXACT LOCATION AND SIZE ON SITE, PROVIDE NEW WASHROOM MAIN ISOLATION VALVES IF NOT AVAILABLE

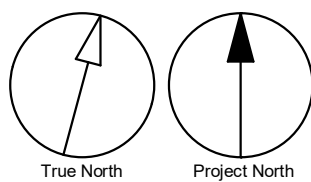
INSTALL NEW LAVATORY WITH 130 DCW & DHW LINES

PROVIDE NEW SHOWER & VALVE WITH 130 DCW & DHW LINES (TYP. FOR 2)

PROVIDE NEW DRINKING FOUNTAIN AND MODIFY/EXTEND EXISTING DCW TO SUIT INSTALLATION

EXISTING EMERGENCY EYE WASH / SHOWER TO REMAIN

GENERAL NOTES:
1. REFER TO SPECIFICATIONS FOR PLUMBING FIXTURE UNIT TYPES.
2. ALL NEW FIXTURES TO BE FITTED WITH ISOLATION VALVES.
3. CONTRACTOR TO PROVIDE FIRE SEALING FOR NEW PIPING PENETRATING FIRE RATED WALL PARTITION AND EXISTING PIPING PENETRATING NEW FIRE RATED WALLS, REFER ARCH. DRAWING FOR FIRE RATED WALLS



1 PLUMBING - GROUND FLOOR WEST
M2101 Scale: 1 : 50

Scale 1:50
0 1 2.5 5 m

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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

**FINCH YARD - BLDG A
1026 FINCH AVE W**

PROJECT NO:
9119-19- 0162 / Arcadis 30279056

DRAWN BY:
K.DURUKAN

CHECKED BY:
B.LIAO

PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
S.LIU

SHEET TITLE
**PLUMBING - GROUND
FLOOR WEST**

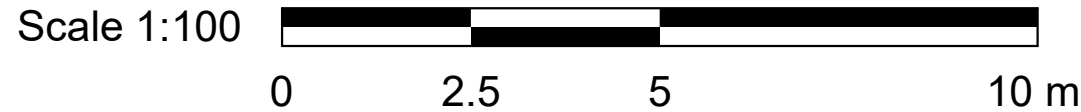
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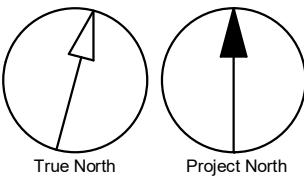


PROVIDE NEW LAVATORY WITH 13Ø DCW, DHW
LINES CONNECT TO EXISTING DCW MAIN LINES
SERVING EXISTING WASHROOM. CONTRACTOR
TO VERIFY EXACT LOCATION ON SITE

PROVIDE NEW TOILET WITH 13Ø DCW LINE
CONNECT TO EXISTING DCW MAIN LINE
SERVING EXISTING WASHROOM. CONTRACTOR
TO VERIFY EXACT LOCATION ON SITE

1 PLUMBING - GROUND FLOOR EAST
M2102 Scale: 1 : 100

GENERAL NOTES:
1. REFER TO SPECIFICATIONS FOR PLUMBING FIXTURE UNIT TYPES.
2. ALL NEW FIXTURES TO BE FITTED WITH ISOLATION VALVES.
3. CONTRACTOR TO PROVIDE FIRE SEALING FOR NEW PIPING PENETRATING
FIRE RATED WALL PARTITION AND EXISTING PIPING PENETRATING NEW FIRE
RATED WALLS, REFER ARCH. DRAWING FOR FIRE RATED WALLS



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PROJECT TITLE
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PROJECT ADDRESS

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1026 FINCH AVE W**

PROJECT NO:
9119-19- 0162 / Arcadis 30279056

DRAWN BY: K.DURUKAN	CHECKED BY: B.LIAO
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PROJECT MGR: F. BOLOURIAN	APPROVED BY: S.LIU
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SHEET TITLE
**PLUMBING - GROUND
FLOOR EAST**

SHEET NUMBER
G05-010-M2102

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EXISTING DRINKING SHALL
REMAIN AFTER CONSTRUCTION,
CONTRACTOR TO VERIFY EXACT
PIPING LAYOUT ON SITE, RE-
CONNECT PIPING AND RE-INSTALL
WHEN REQUIRED PER ROOM FIRE
SEPARATION RE-WORK AND
LAYOUT RE-WORK REQUIREMENT,
REFER ARCH DWG FOR EXACT
WALL RE-REWORK AND ROOM
LAYOUT CHANGE

PROVIDE NEW FLOOR DRAIN
WITH 750 SAN LINE

PROVIDE NEW MOP SINK
WITH 750 SAN LINE

PROVIDE NEW FLOOR DRAIN
WITH 750 SAN LINE

INSTALL NEW TOILET WITH 750
SAN LINE (TYP. FOR 2)

PROVIDE NEW SHOWER
DRAIN WITH 750 SAN LINE

PROVIDE NEW SHOWER DRAIN
WITH 750 SAN LINE

INSTALL NEW LAVATORY WITH
500 SAN LINE

ASSUMED EXISTING 1000 SAN MAIN
LINES SERVING WASHROOM AREA,
CONTRACTOR TO VERIFY EXACT
LOCATION, INVERT AND SIZE ON SITE

INSTALL NEW TOILET WITH 750
SAN LINE

PROVIDE NEW FLOOR/SHOWER
DRAIN WITH 750 SAN LINE

INSTALL NEW LAVATORY WITH
500 SAN LINE

PROVIDE NEW HORIZONTAL DRAIN
AT CEILING TO OFFSET EXISTING
VERTICAL RISER, APPROX.
EXISTING PIPE SIZE 1000,
CONTRACTOR SHALL VERIFY
EXACT EXISTING ABOVE/UNDER
GROUND PIPING LAYOUT

PROVIDE VERTICAL RISER OFFSET
DROP DOWN TO BELOW GRADE AT
ROOM CORNER

INSTALL NEW LAVATORY WITH
500 SAN LINE

PROVIDE NEW BURIED LINE AND
RE-CONNECT TO EXISTING MAIN
LINE, CONTRACTOR TO VERIFY
EXACT LOCATION, SIZE AND
INVERT ON SITE

PROVIDE NEW DRINKING
FOUNTAIN WITH 500 SAN LINE

PROVIDE NEW KITCHEN SINK
WITH 500 SAN LINE &
DISHWASHER DRAIN ROUGH-IN

PROVIDE NEW SAN LINES FOR ALL NEW FIXTURES AND
CONNECT TO EXISTING MAIN LINE SERVING WASHROOM
AREAS, DRAINAGE LAYOUT SHOWN BASED ON
ASSUMPTION AND TO AID PRICING, CONTRACTOR SHALL
VERIFY EXACT EXISTING BUILDING SAN & VENT SIZE,
INVERT AND LOCATION TO PROVIDE COMPLETE DRAINAGE
SYSTEM TO MEET OBC REQUIREMENT (TYP. FOR ALL)

PROVIDE FIRE SEALING TO PIPING PENETRATING
FIRE RATED WALL PARTITIONS, REFER ARCH
DRAWING FOR FIRE RATED WALLS

PROVIDE NEW FLOOR DRAIN WITH 750 SAN LINE

CONTRACTOR SHALL VERIFY EXACT SAN LAYOUT
SERVING URINAL, PROVIDE NEW BRANCH PIPING
CONNECT TO EXISTING MAIN LINE (TYP. FOR 4)

PROVIDE NEW ELKAY EWM9620C STAINLESS
STEEL WALL-HUNG MULTI-STATION HAND WASH
SINK KIT COMPLETE WITH 750 DRAINAGE
CONNECTION

INSTALL NEW TOILET WITH 750 SAN LINE AND
CONNECT TO EXISTING 1000 MAIN LINE NEARBY
(TYP. FOR 3)

CONTRACTOR TO VERIFY EXISTING MECHANICAL
ABOVE GROUND AND UNDERGROUND SERVICES
ON PROPOSED STAIR AREA, RE-ROUTE MODIFY
TO ACCOMMODATE STAIR INSTALLATION IF
REQUIRED

PROVIDE NEW FLOOR DRAIN WITH 750 SAN LINE

ASSUMED EXISTING 1000 SAN MAIN LINES
SERVING EXISTING WASHROOM AREA, CONTRACTOR TO
VERIFY EXACT LOCATION, INVERT AND SIZE
ON SITE

INSTALL NEW LAVATORY WITH 500 SAN LINE

PROVIDE NEW SHOWER DRAIN WITH 750 SAN
LINE, (TYP. FOR 2)

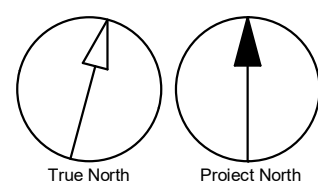
PROVIDE NEW DRINKING FOUNTAIN AND
RELOCATE / MODIFY EXISTING DRAINAGE LINES
EXPOSED ALONG / ON WALL TO SUIT NEW
LOCATION AND BARRIER FREE CLEARANCE,
CONTRACTOR TO VERIFY EXACT PIPING LAYOUT IN
BLOCK WALL AND PROVIDE NEW ROUGH-IN &
PATCH WALL WHEN REQUIRED

RE-ROUTE WITH OFFSET FOR EXISTING CONDENSATE
DRAIN LINE ALONG WALL TO RE-CONNECT TO
HORIZONTAL MAIN DRAIN EXPOSED AT LOW LEVEL
TO ACCOMMODATE NEW DRINKING FOUNTAIN
INSTALLATION

EXISTING EMERGENCY EYE WASH / SHOWER TO
REMAIN, RE-CONNECT DRAINAGE LINE TO SUIT NEW
DRINKING FOUNTAIN WHEN REQUIRED

1 DRAINAGE - GROUND FLOOR WEST
M3101 Scale: 1 : 50

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



Scale 1:50
0 1 2.5 5 m

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tel 416 679 1930
www.arcadis.com

PROJECT TITLE
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PROJECT ADDRESS

**FINCH YARD - BLDG A
1026 FINCH AVE W**

PROJECT NO:
9119-19- 0162 / Arcadis 30279056

DRAWN BY:
K.DURUKAN

CHECKED BY:
B.LIAO

PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
S.LIU

SHEET TITLE
**DRAINAGE - GROUND
FLOOR WEST**

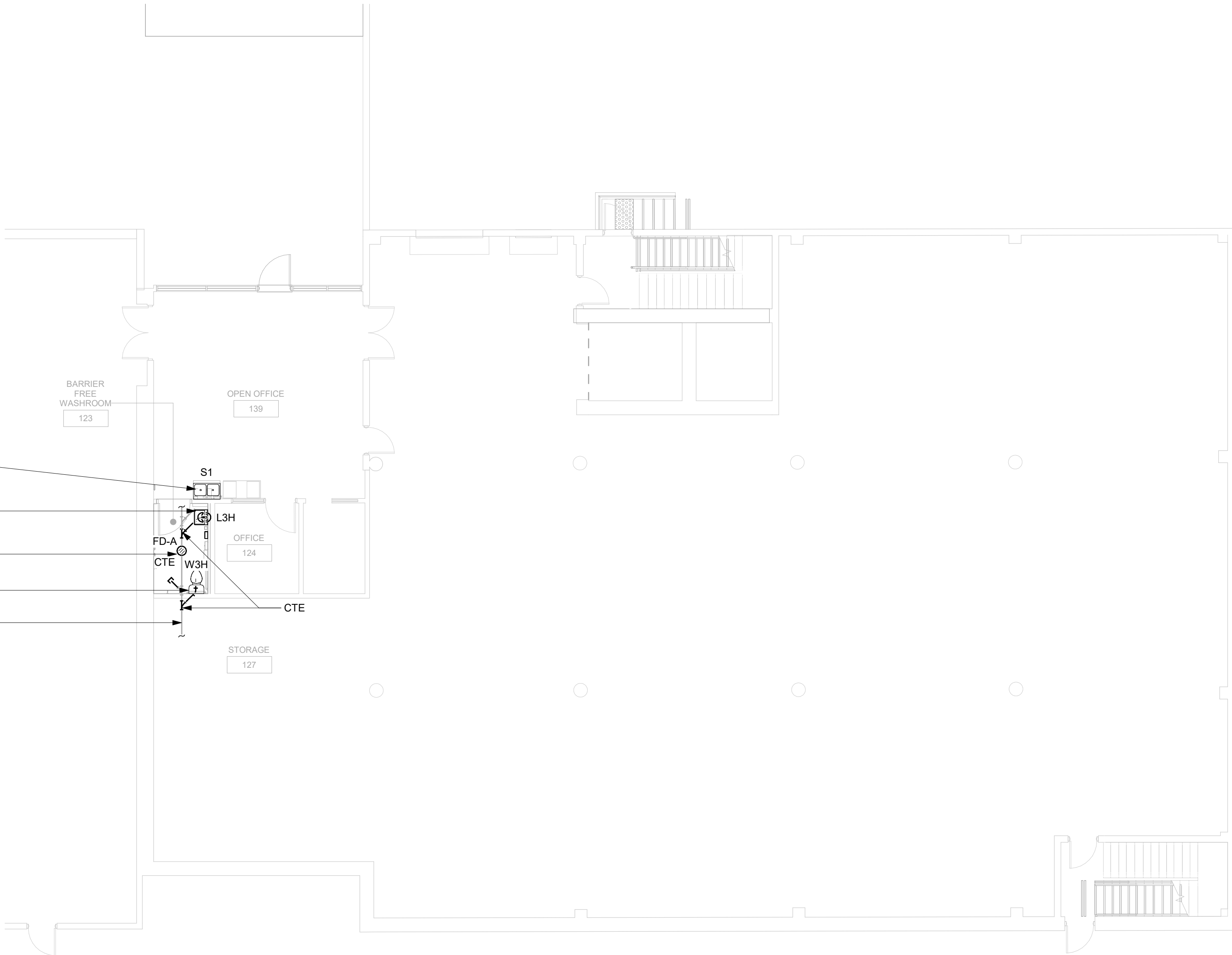
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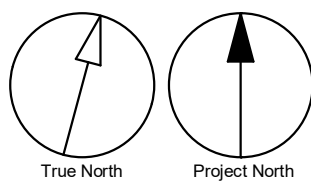


- PROVIDE NEW SINK WITH 500 SAN. LINE
CONNECT TO EXISTING SERVICE,
INSULATE PIPING UNDER LAV
- INSTALL NEW LAVATORY WITH 500 SAN.
LINE CONNECT TO EXISTING SERVICE,
INSULATE PIPING UNDER LAV
- PROVIDE NEW FLOOR DRAIN WITH 1000
SAN. LINE CONNECT TO EXISTING SERVICE
- INSTALL NEW TOILET WITH 750 SAN. LINE
CONNECT TO EXISTING SERVICE
- ASSUMED EXISTING 1000 SAN MAIN LINE
SERVING WASHROOM SCOPE AREA.
CONTRACTOR TO VERIFY EXACT LOCATION,
INVERT AND SIZE ON SITE



1 DRAINAGE - GROUND FLOOR EAST
M3102 Scale: 1 : 100

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



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ACCESSIBILITY UPGRADES**

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PROJECT NO:
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DRAWN BY:
K.DURUKAN

CHECKED BY:
B.LIAO

PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
S.LIU

SHEET TITLE
**DRAINAGE - GROUND
FLOOR EAST**

SHEET NUMBER

G05-010-M3102

ISSUE

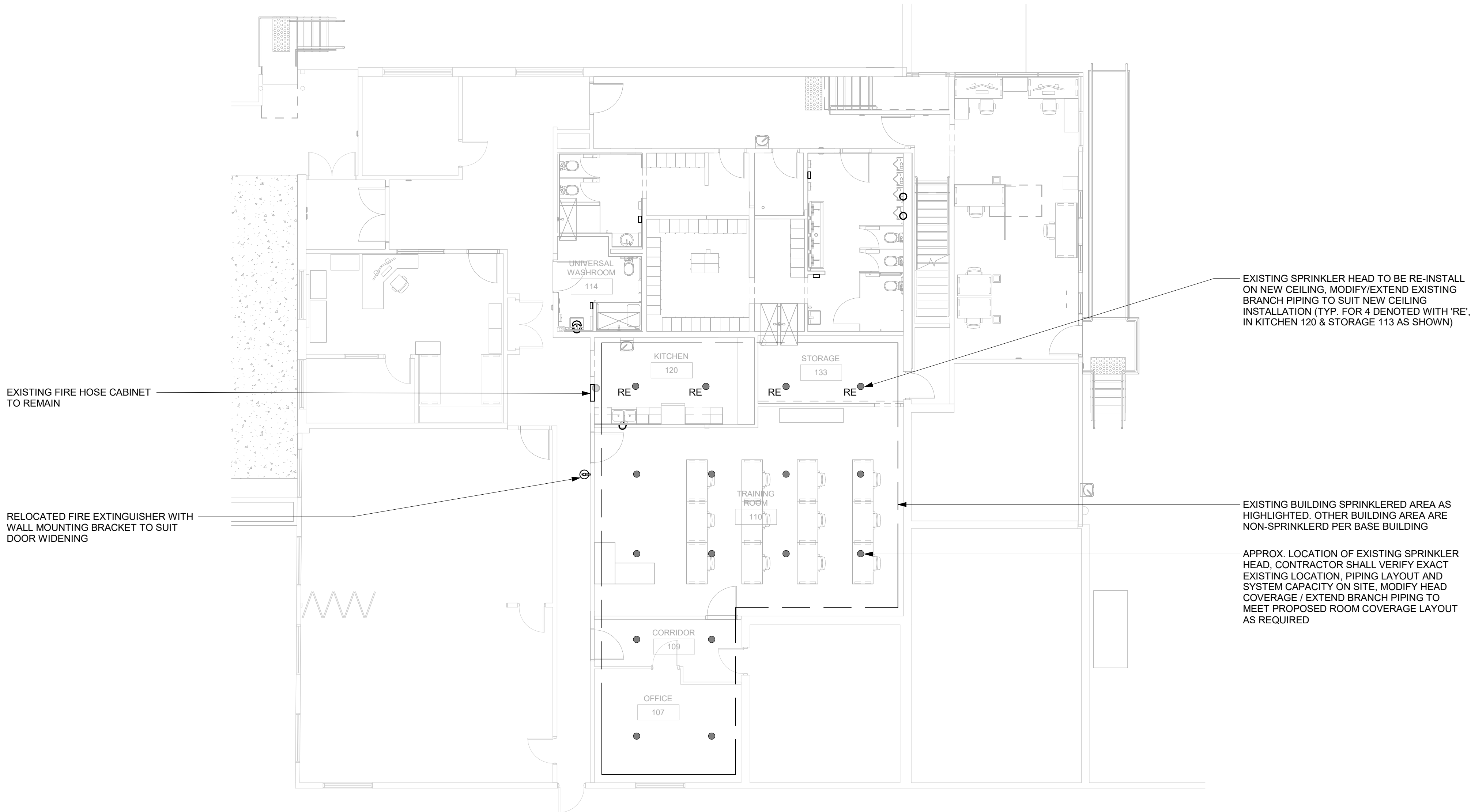
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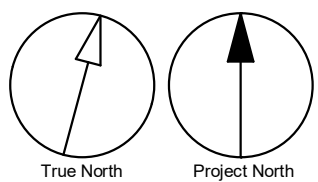
15mm

SCALE CHECK
1 m

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1 FIRE PROTECTION - GROUND FLOOR WEST
M4101 Scale: 1 : 100



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GROUND FLOOR WEST**

SHEET NUMBER

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ISSUE

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Autodesk Docs/122260 - Cot TAU Upgrades R2024122260-5-10-1026FINCH_A-M4101.rvt 1/1m

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Scale 1:100

1 HVAC - GROUND FLOOR WEST
M5101 Scale: 1: 50

PROVIDE NEW 500X250 DOOR GRILLE (TYP. FOR ALL SHOWN UNLESS INDICATED OTHERWISE)

PROVIDE 150Ø EXHAUST DUCT UP THROUGH ROOF C/W WIRE MESH SCREEN & GOOSENECK TERMINATE AT 1000MM ABOVE ROOF. PROVIDE FIRE DAMPER TO EXHAUST DUCT PENETRATING SLAB

PROVIDE NEW CEILING EXHAUST FAN, C/W FIRE DAMPER, CONTROLLED BY MANUAL SWITCH

RELOCATED HYDRONIC HEATER, MODIFY ASSOCIATED BRANCH PIPING TO SUIT NEW LOCATION

PROVIDE NEW EXHAUST GRILLES, MODIFY / EXTEND EXISTING DUCTING TO SUIT NEW LOCATION, RE-BALANCE CHANGE ROOM 113 EXHAUST AIR FLOW TO ABOVE 35L/S, PROVIDE NEW BALANCE DAMPERS WHEN REQUIRED, GRILLE SIZE 300X300 MODEL EH PRICE 5000 SERIES OR EQUAL

PROVIDE NEW ELEC. FORCED FLOW HEATER C/W BUILT-IN THERMOSTAT, INSTALL HEATER RECESSED 200MM ABOVE FLOOR

PROVIDE NEW EXHAUST GRILLES, MODIFY / EXTEND EXISTING DUCTING TO SUIT NEW LOCATION, RE-BALANCE WASHROOM 138 TOTAL EXHAUST AIR FLOW TO ABOVE 84L/S, PROVIDE NEW BALANCE DAMPERS WHEN REQUIRED, GRILLE SIZE 300X300 MODEL EH PRICE 5000 SERIES OR EQUAL

VERTICAL HWR/HWS BRANCH TO BE RECESSED IN WALL/PARTITION

RELOCATED HYDRONIC HEATER WITH RETURN MANUAL CONTROL VALVE

PROVIDE NEW 20Ø HWR/HWS RE-CONNECT TO EXISTING MAIN LINES IN CEILING

PROVIDE NEW CEILING EXHAUST FAN CONTROLLED BY LIGHTING SWITCH

PROVIDE 200Ø EXHAUST DUCT UP THROUGH ROOF C/W WIRE MESH SCREEN & GOOSENECK TERMINATE AT 1000MM ABOVE ROOF

PROVIDE NEW S/A GRILLE ON DRYWALL CEILING AND BALANCE AIR FLOW TO 70L/S, GRILLE MODEL EH PRICE SCD OR EQUAL

PROVIDE NEW S/A GRILLE ON T-BAR CEILING AND BALANCE AIR FLOW TO 30L/S, GRILLE MODEL EH PRICE SCD OR EQUAL

PROVIDE FIRE DAMPER TO NEW SUPPLY BRANCH PENETRATING FIRE RATED WALL PARTITION

NEW FIRE RATED PATITION, PROVIDE NEW FIRE DAMPERS, PIPE SEALS FOR EXISTING DUCTWORK PENETARTING NEW FIRE RATED PARTITION, REPLACE FLEX DUCT TO IGID DUCT WHEN REQUIRED, CONTRACTOR TO VERIFY EXACT CEILING MECH SERVICES LAYOUT ON SITE, REFER ARCH DWG FOR EXACT FIRE RATED WALL REQUIREMENT

EXISTING THERMOSTAT TO REMAIN, CONTRACTOR TO REFER ARCH. DWG. FOR EXACT DOOR WIDENING REQUIREMENT, RE-INSTALL/RELOCATE & RE-WIRING THERMOSTAT TO ACCOMADATE DOOR WIDENING IF REQUIRED.

RELOCATED SUPPLY DIFFUSER, PROVIDE NEW FLEXIBLE DUCTWORK TO SUIT NEW LOCATION WHEN REQUIRED, CONTRATOR TO VERIFY EXACT EXISTING DUCTWORK LAYOUT ON SITE

PROVIDE NEW 25ØX200 S/A DUCT WITH BALANCE DAMPER CONNECT TO EXISTING MAIN S/A DUCTWORK OF EXISTING RTU, BALANCE AIR FLOW TO 100L/S, CONTRACTOR VERIFY EXACT EXISTING DUCT LAYOUT ON SITE

CONTRACTOR TO VERIFY AND PROVIDE FIRE DAMPER TO EXISTING DUCTING PENETRATING NEW FIRE RATED WALL PARTITION

PROVIDE NEW 500X250 FIRE RATED DOOR GRILLE

NEW FIRE RATED PATITION, PROVIDE NEW FIRE DAMPERS, PIPE SEALS FOR EXISTING DUCTWORK PENETARTING NEW FIRE RATED PARTITION, REPLACE FLEX DUCT TO IGID DUCT WHEN REQUIRED, CONTRACTOR TO VERIFY EXACT CEILING MECH SERVICES LAYOUT ON SITE, REFER ARCH DWG FOR EXACT FIRE RATED WALL REQUIREMENT

PROVIDE WALL MOUNTED PROGRAMMABLE WIRED THERMOSTAT TO INDOOR AC UNIT (TYP. FOR 3)

PROVIDE NEW EXHAUST GRILLES, MODIFY / EXTEND EXISTING DUCTING TO SUIT NEW LOCATION, RE-BALANCE WASHROOM 112 TOILET/URINAL AREA TOTAL EXHAUST AIR FLOW TO ABOVE 200L/S, PROVIDE NEW BALANCE DAMPERS WHEN REQUIRED, GRILLE SIZE 300X300 MODEL EH PRICE 5000 SERIES OR EQUAL

PROVIDE NEW WALL MOUNTED SPLIT AC UNIT MODEL PKFY-P08NLMU-E-TH REPLACE EXISTING CASSETTE INDOOR UNIT, NOMINAL CAPACITY TO MATCH EXISTING UNIT, MODIFY/EXTEND EXISTING LIQUID/GAS PIPING AND CONDENSATE PIPING TO SUIT NEW LOCATION, CONTRACTOR TO VERIFY EXACT EXISTING PIPING LAYOUT AND CONTROL WIRING ON SITE (TYP. FOR 3)

PROVIDE NEW S/A GRILLE REPLACE EXISTING DIFFUSER, REPLACE FLEX DUCT TO RIGID DUCT TO MOUNT GRILLE BETWEEN JOIST ON DUCT END, BALANCE AIR FLOW TO MATCH EXISTING TESTED FLOW RATE, ASSUMED 3METER EXISTING FLEX DUCT, CONTRACTOR SHALL VERIFY EXACT DUCTWORK LAYOUT AND FLOWRATE ON SITE

EXISTING VRF SYSTEM REFRIGERANT MAIN/BRANCH PIPING AND CONDENSATE MAIN LINE ALONG WALL AT APPROX. 3.5M ABOVE GARAGE FLOOR, BRANCH PIPING TO BE MODIFIED TO SUIT NEW AC INDOOR UNITS

PROVIDE NEW ELEC. FORCED FLOW HEATER C/W BUILT-IN THERMOSTAT

EXISTING BRANCH PIPING SERVING EXISTING CASSETTE INDOOR UNIT TO BE MODIFIED / EXTENDED TO SUIT NEW AC INDOOR UNIT (TYP. FOR 3 NEW AC UNITS)

RELOCATED HYDRONIC HEATER, MODIFY ASSOCIATED BRANCH PIPING TO SUIT NEW LOCATION

PROVIDE NEW EXHAUST GRILLE, MODIFY / EXTEND EXISTING DUCTING TO SUIT NEW LOCATION, RE-BALANCE SHOWER AREA EXHAUST AIR FLOW TO ABOVE 85L/S, PROVIDE NEW BALANCE DAMPERS WHEN REQUIRED, GRILLE SIZE 300X300 MODEL EH PRICE 5000 SERIES OR EQUAL

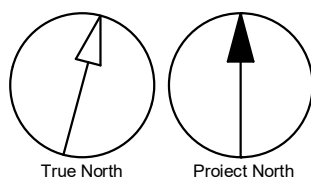
EXISTING HYDRONIC HEATER AND ASSOCIATED PIPING TO REMAIN

PROVIDE NEW ELEC. FORCED FLOW HEATER C/W BUILT-IN THERMOSTAT, INSTALL HEATER AT 200MM ABOVE FLOOR

EXISTING STORAGE ROOM HVAC TO REMAIN

RE-INSTALL RETURN AIR GRILLE ON NEW CEILING

GENERAL NOTES:
1. ADD AND ADJUST DUCTS TO FIT NEW DIFFUSERS/GRILLES.
2. THERMOSTATS TO BE MOUNTED AT 1200mm A.F.F.
3. CONTRACTOR TO PROVIDE FIRE DAMPER FOR NEW DUCTING PENETRATING FIRE RATED WALL PARTITION AND EXISTING DUCTING PENETRATING NEW FIRE RATED WALLS, REFER ARCH. DRAWING FOR FIRE RATED WALLS



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B	90% SUBMISSION	2022-03-04
C	ISSUED FOR TENDER	2022-12-07
D	ISSUED FOR PERMIT	2025-04-18

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Toronto, ON M9W 0C9, Canada
tel 416 679 1930
www.arcadis.com

PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

**FINCH YARD - BLDG A
1026 FINCH AVE W**

PROJECT NO:
9119-19- 0162 / Arcadis 30279056

DRAWN BY:
K.DURUKAN

CHECKED BY:
B.LIAO

PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
S.LIU

SHEET TITLE
**HVAC - GROUND FLOOR
WEST**

SHEET NUMBER

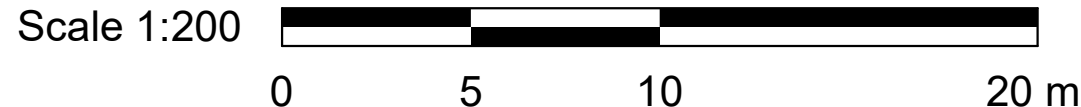
G05-010-M5101

ISSUE

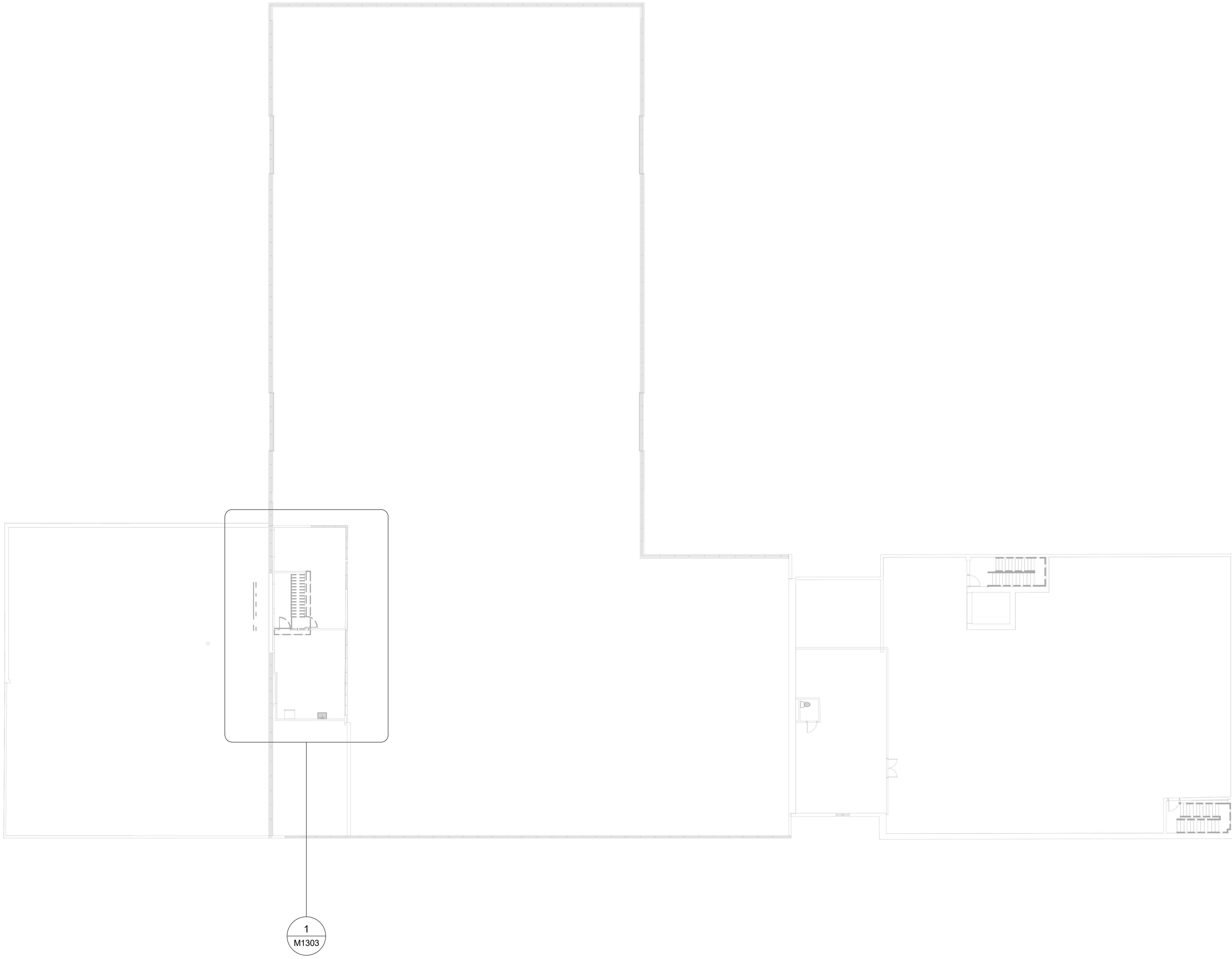
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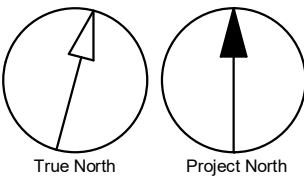
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1 DEMOLITION - SECOND FLOOR WEST
M1102 Scale: 1 : 200




- 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, ON M9W 0C9, Canada
tel 416 679 1930
www.arcadis.com

PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

FINCH YARD - BLDG A
1026 FINCH AVE W

PROJECT NO:

9119-19- 0162 / Arcadis 30279056

DRAWN BY:

K.DURUKAN

CHECKED BY:

B.LIAO

PROJECT MGR:

F. BOLOURIAN

APPROVED BY:

S.LIU

SHEET TITLE

DEMOLITION PLAN -
SECOND FLOOR

SHEET NUMBER

G05-010-M1102

ISSUE

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EXISTING SHOWER TO BE REMOVED, CAP ASSOCIATED DCW, DHW & SAN LINES BACK TO MAIN, CONTRACTOR TO VERIFY EXACT LAYOUT ON SITE

EXISTING DOOR GRILLE TO BE REPLACED WITH NEW FOR NEW DOOR

EXISTING HYDRONIC HEATER TO BE RELOCATED, ASSOCIATED EXPOSED SUPPLY/RETURN BRANCH PIPING ALONG WALL TO BE REMOVED AND CAPPED TO MAIN LINES IN CEILING/CEILING, EXISTING MANTUAL RETURN CONTROL VALVE TO BE REPLACED WITH NEW, REFER M5101 FOR NEW HEATER LOCATION

EXISTING EXHAUST GRILLE TO BE REPLACED WITH NEW, MODIFY/EXTEND BRANCH DUCTWORK TO SUIT NEW EXHAUST LOCATION AS REQUIRED, REFER M5102 FOR NEW LOCATION

EXISTING SHOWER TO BE REMOVED, CAP ASSOCIATED DCW, DHW & SAN LINES BACK TO MAIN, CONTRACTOR TO VERIFY EXACT LAYOUT ON SITE

EXISTING EXHAUST GRILLE TO BE REPLACED WITH NEW, MODIFY/EXTEND BRANCH DUCTWORK TO SUIT NEW EXHAUST LOCATION AS REQUIRED, REFER M5102 FOR NEW LOCATION

EXISTING HYDRONIC HEATER TO BE REMOVED, ASSOCIATED EXPOSED SUPPLY/RETURN BRANCH PIPING ALONG WALL TO BE REMOVED AND CAPPED TO MAIN LINES IN CEILING

EXISTING FLOOR MOUNTED FLUSH VALVE TOILET TO BE REMOVED, REMOVE AND CAP ASSOCIATED BRANCH DCW & SAN LINES BACK TO MAIN, CONTRACTOR TO VERIFY EXACT LAYOUT ON SITE

ASSUMED EXISTING 100Ø SAN MAIN LINES SERVING WASHROOM AREA, CONTRACTOR TO VERIFY EXACT LOCATION, INVERT AND SIZE ON SITE

EXISTING LAV TO BE REMOVED, CAP ASSOCIATED PIPING BACK TO MAIN

EXISTING HYDRONIC HEATER TO BE REMOVED, ASSOCIATED EXPOSED SUPPLY/RETURN BRANCH PIPING ALONG WALL TO BE REMOVED AND CAPPED TO MAIN LINES IN CEILING

EXISTING ABANDONED EXPOSED 13MM PIPE ALONG WALL TO BE REMOVED, CONTRACTOR SHALL VERIFY EXACT PIPE LAYOUT AND FUNCTION ON SITE, NOTIFY CONSULTANT FOR DISCREPANCY

EXISTING MOP SINK TO BE REMOVED, CAP ASSOCIATED PIPING BACK TO MAIN, CONTRACTOR TO VERIFY EXACT LAYOUT ON SITE

EXISTING EXHAUST GRILLE TO BE REPLACED WITH NEW, MODIFY/EXTEND BRANCH DUCTWORK TO SUIT NEW EXHAUST LOCATION AS REQUIRED, REFER M5102 FOR NEW LOCATION

RELOCATE EXISTING VERTICAL PIPE RISER/LEADER AND RE-CONNECT TO EXISTING BURIED & CEILING PIPING, REFER TO M3101 FOR NEW LOCATION, CONTRACTOR TO VERIFY EXACT FUNCION AND PIPE LAYOUT ON SITE

EXISTING DRINKING FOUNTAIN AND ASSOCIATED BRANCH PIPING TO BE REMOVED AND CAPPED BACK TO MAIN, CONTRACTOR TO VERIFY EXACT PIPING LAYOUT ON SITE

EXISTING HYDRONIC HEATER TO BE RELOCATED, ASSOCIATED EXPOSED SUPPLY/RETURN BRANCH PIPING ALONG WALL TO BE REMOVED AND CAPPED TO MAIN LINES IN CEILING/CEILING, EXISTING MANTUAL RETURN CONTROL VALVE TO BE REPLACED WITH NEW, REFER M5101 FOR NEW HEATER LOCATION

EXISTING WALL MOUNTED PORTABLE FIRE EXTINGUISHER TO BE RELOCATED, REFER TO M4101 FOR NEW LOCATION

EXISTING THERMOSTAT TO REMAIN, CONTRACTOR TO REFER ARCH. DWG. FOR EXACT DOOR WINDENING REQUIREMENT, RE-INSTALL/RELOCATE & RE-WIRING THERMOSTAT TO ACCOMADATE DOOR WIDENING IF REQUIRED.

EXISTING FIRE HOSE CABINET AND STAND PIPE TO REMAIN

EXISTING S/A DIFFUSER TO BE RELOCATED, REFER M5101 FOR NEW LOCATION, MODIFY/EXTEND EXISTING DUCTWORK TO SUIT NEW LOCATION

APPROX. LOCATION OF EXISTING SPRINKLER HEAD, CONTRACTOR SHALL VERIFY EXACT EXISTING LOCATION, PIPING LAYOUT AND SYSTEM CAPACITY ON SITE, MODIFY HEAD COVERAGE / EXTEND BRANCH PIPING TO MEET PROPOSED ROOM COVERAGE LAYOUT AS REQUIRED

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.

EXISTING DOOR GRILLE TO BE REPLACED WITH NEW FOR NEW DOOR

EXISTING EXHAUST GRILLE TO BE REPLACED WITH NEW, MODIFY/EXTEND BRANCH DUCTWORK TO SUIT NEW EXHAUST LOCATION AS REQUIRED, REFER M5102 FOR NEW LOCATION (TYP. FOR 2)

EXISTING DRINKING SHALL REMAIN AFTER CONSTRUCTION, CONTRACTOR TO VERIFY EXACT PIPING LAYOUT ON SITE, RE-CONNECT PIPING AND RE-INSTALL WHEN REQUIRED PER ROOM FIRE SEPARATION RE-WORK AND LAYOUT RE-WORK REQUIREMENT, REFER ARCH DWG FOR EXACT WALL RE-REWORK AND ROOM LAYOUT CHANGE

EXISTING URINAL TO BE REMOVED, REMOVE AND CAP BRANCH PIPING BACK TO MAIN AND MAKE GOOD FINISH, CONTRACTOR TO VERIFY EXACT PIPING LOCATION ON SITE (TYP. FOR 4)

EXISTING CEILING CASSETTE VRF INDOOR AC UNIT AND ASSOCIATED THERMOSTAT TO BE REMOVED AND REPLACED WITH NEW TYPE, CONTRACTOR TO VERIFY EXISTING PIPING LAYOUT AND LOCATION OF OUTDOOR UNIT ON SITE

ASSUMED EXISTING DCW MAIN LINE SERVING FLUSH VALVE TOILETS & URINALS, CONTRACTOR TO VERIFY EXACT LOCATION AND SIZE ON SITE

EXISTING FLOOR MOUNTED WASH-FOUNTAIN TO BE REMOVED, CAP ASSOCIATED PIPING BACK TO MAIN, CONTRACTOR TO VERIFY EXACT LAYOUT ON SITE (TYP. FOR 2)

EXISTING VRF SYSTEM REFRIGERANT MAIN/BRANCH PIPING AND CONDENSATE MAIN LINE ALONG WALL AT APPROX. 3.5M ABOVE GARAGE FLOOR, BRANCH PIPING TO BE MODIFIED TO SUIT NEW AC INDOOR UNITS

EXISTING FLOOR MOUNTED FLUSH VALVE TOILET TO BE REMOVED, REMOVE AND CAP ASSOCIATED BRANCH DCW & SAN LINES BACK TO MAIN, CONTRACTOR TO VERIFY EXACT LAYOUT ON SITE (TYP. FOR 4)

EXISTING S/A DIFFUSER TO BE REMOVED, CONTRACTOR TO VERIFY EXACT DUCTWORK AND TEST EXISTING AIR FLOW RATE ON SITE, DUCTWORK TO BE MODIFIED/EXTENDED TO NEW GRILLE, REFER M5101 FOR NEW LOCATION

EXISTING THERMOSTAT CONTROL HYDRONIC HEATER & INDOOR AC TO BE REMOVED, CONTRACTOR TO VERIFY ON SITE (TYP.)

CONTRACTOR TO INVESTIGATE EXACT CONTROL FUNCTION OF FAN SWITCH, REMOVED IF ABANDONED

EXISTING CEILING CASSETTE VRF INDOOR AC UNIT AND ASSOCIATED THERMOSTAT TO BE REMOVED AND REPLACED WITH NEW TYPE, CONTRACTOR TO VERIFY EXISTING PIPING LAYOUT AND LOCATION OF OUTDOOR UNIT ON SITE (TYP.)

EXISTING HYDRONIC HEATER AND ASSOCIATED CONTROL, EXPOSED BRANCH PIPING, SERVING EXISTING OFFICE 118 TO BE REMOVED, CAP BRANCH PIPING IN WALL AND MAKE GOOD FINISH

ASSUMED LOCATION OF EXISTING HWS & HWR RETUN MAIN LINES IN WALL, CONTRACTOR SHALL VERIFY EXACT LOCATION ON SITE

EXISTING HYDRONIC HEATER AND ASSOCIATED PIPING VALVE, CONTROL SERVING STORAGE ROOM (NOT IN SCOPE AREA) SHALL REMAIN

ASSUMED EXISTING DCW & DHW LARGEST SIZE MAIN LINES SERVING WASHROOM SCOPE AREA, CONTRACTOR TO VERIFY EXACT LOCATION AND SIZE ON SITE

ASSUMED EXISTING 100Ø SAN MAIN LINE SERVING WASHROOM SCOPE AREA, CONTRACTOR TO VERIFY EXACT LOCATION, INVERT AND SIZE ON SITE

EXISTING HYDRONIC HEATER TO REMAIN

EXISTING RETURN AIR 600X600 GRILLE TO BE RE-INSTALLED ON NEW CEILING

EXISTING DRINKING FOUNTAIN TO BE REMOVED, MODIFY/EXTEND ASSOCIATED DCW & SAN LINES TO SUIT NEW DRINKING FOUNTAIN INSTALLATION REQUIREMENT, CONTRACTOR TO VERIFY EXACT PIPING LAYOUT IN BLOCK WALL

RE-ROUTE WITH OFFSET FOR EXISTING CONDENSATE DRAIN LINE ALONG WALL TO RE-CONNECT TO HORIZONTAL MAIN DRAIN EXPOSUED AT LOW LEVEL TO ACCOMODATE NEW DRINKING FOUNTAIN INSTALLATION

EXISTING EMERGENCY EYE WASH / SHOWER STATION TO REMAIN, MODIFY EXISTING DRAIN LINE TO ACCOMODATE NEW DRINKING FOUNTAIN WHEN REQUIRED

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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B	90% SUBMISSION	2022-03-04
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D	ISSUED FOR PERMIT	2025-04-18

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tel 416 679 1930
www.arcadis.com

PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

FINCH YARD - BLDG A
1026 FINCH AVE W

PROJECT NO:

9119-19- 0162 / Arcadis 30279056

DRAWN BY:

K.DURUKAN

CHECKED BY:

B.LIAO

PROJECT MGR:

F. BOLOURIAN

APPROVED BY:

S.LIU

SHEET TITLE

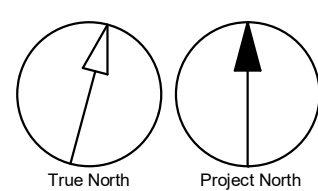
DEMOLITION - GROUND
FLOOR WEST ENLARGED
PLAN

SHEET NUMBER

G05-010-M1301

ISSUE

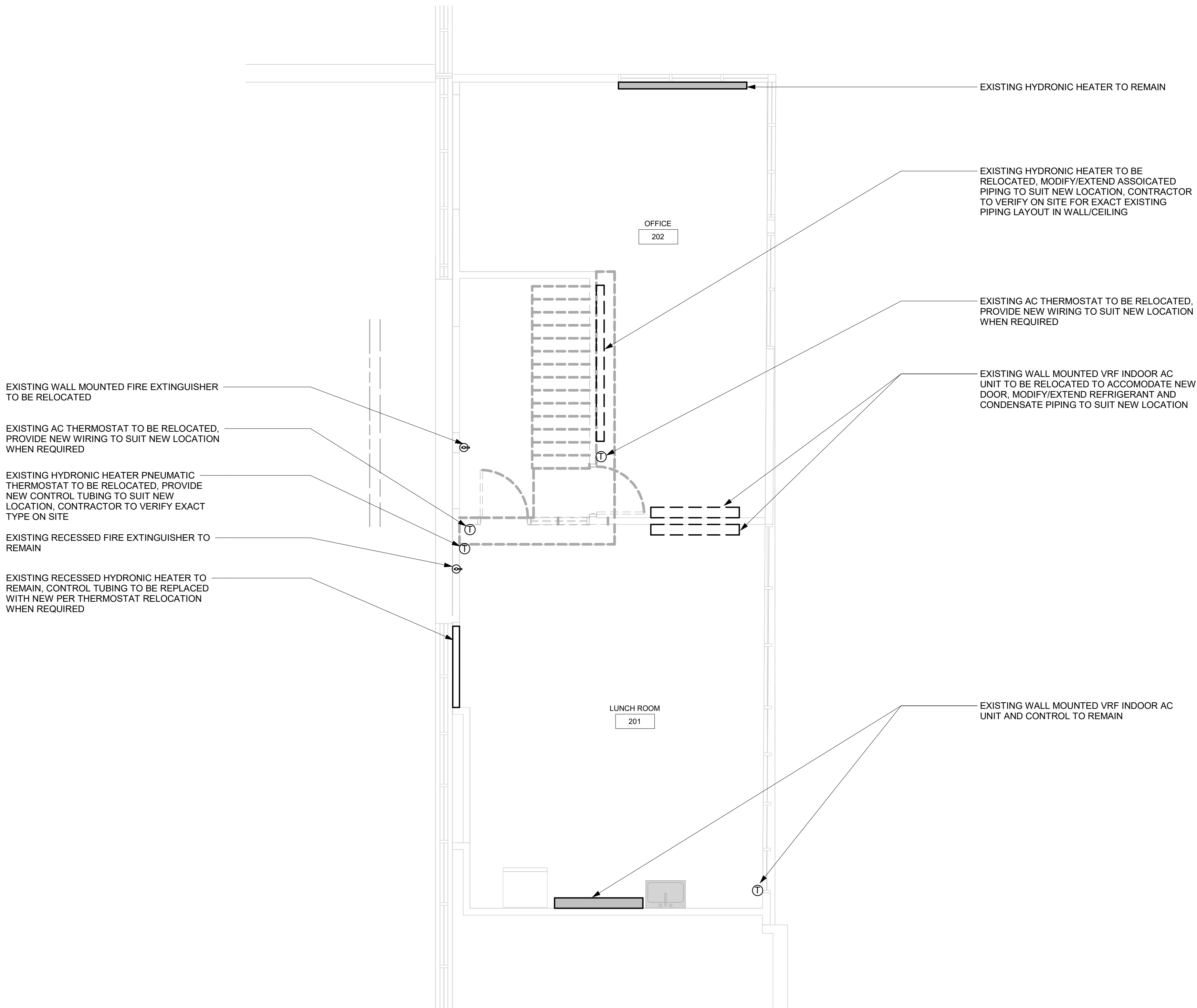
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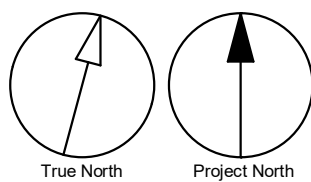
1 DEMOLITION - GROUND FLOOR WEST ENLARGED PLAN
M1301 Scale: 1 : 50

2025-05-06 6:48:06 PM



1 DEMOLITION - SECOND FLOOR WEST ENLARGED PLAN
M1303 Scale: 1 : 50

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



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PROJECT TITLE
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PROJECT ADDRESS
**FINCH YARD - BLDG A
1026 FINCH AVE W**

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

SHEET TITLE
**DEMOLITION - SECOND
FLOOR WEST ENLARGED
PLAN**

SHEET NUMBER G05-010-M1303	ISSUE D
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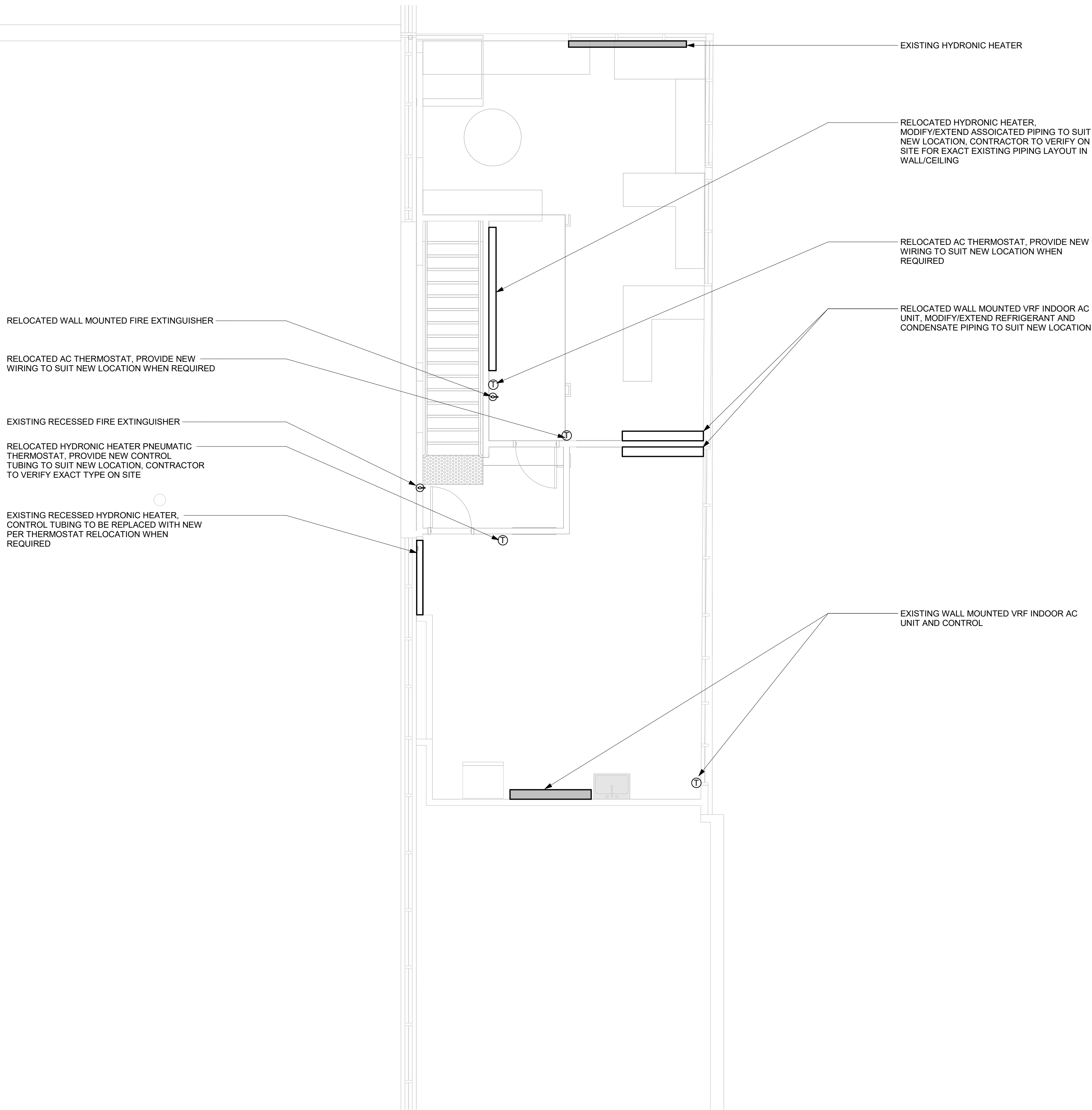


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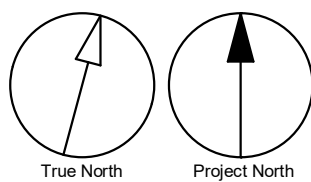
M5102

HVAC - SECOND FLOOR WEST

Scale: 1 : 50



GENERAL NOTES:
1. ADD AND ADJUST DUCTS TO FIT NEW DIFFUSERS/GRILLES.
2. THERMOSTATS TO BE MOUNTED AT 1200mm A.F.F.
3. CONTRACTOR TO PROVIDE FIRE DAMPER FOR NEW DUCTING PENETRATING FIRE RATED WALL PARTITION AND EXISTING DUCTING PENETRATING NEW FIRE RATED WALLS, REFER ARCH. DRAWING FOR FIRE RATED WALLS



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1026 FINCH AVE W

PROJECT NO:
9119-19- 0162 / Arcadis 30279056

DRAWN BY: K.DURUKAN	CHECKED BY: B.LIAO
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PROJECT MGR: F. BOLOURIAN	APPROVED BY: S.LIU
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SHEET TITLE
HVAC - SECOND FLOOR
WEST

SHEET NUMBER
G05-010-M5102

ISSUE
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ELECTRICAL DRAWING LIST	
Sheet Number	Sheet Name
E0000	DRAWING LIST
E1100	ELECTRICAL DEMOLITION PLAN
E2100	POWER & SYSTEMS PLAN KEY PLAN
E2101	POWER & SYSTEMS PLAN 1ST FLOOR PART 1
E2102	POWER & SYSTEMS PLAN 1ST FLOOR PART 2
E4001	COMMUNICATIONS RISER DIAGRAM

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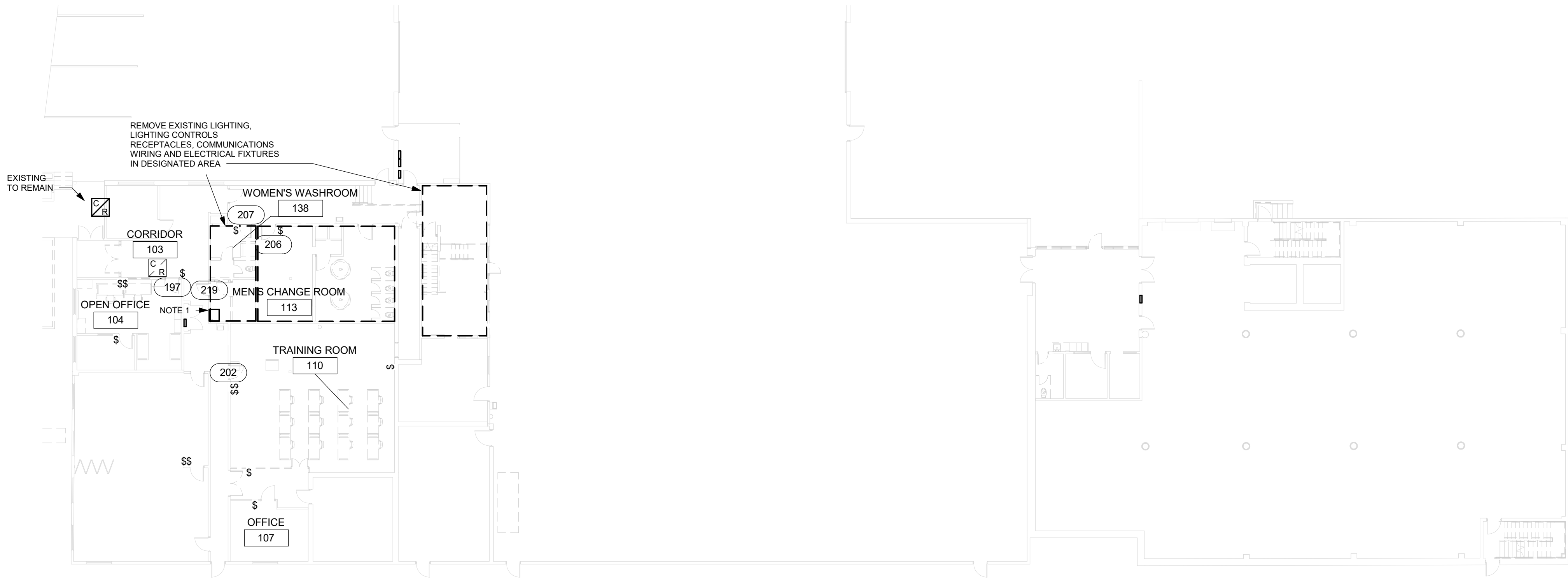
PROJECT NO:
9119-19- 0162 / Arcadis 30279056

DRAWN BY: M. BOJIC	CHECKED BY: P. WILLIAMS
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PROJECT MGR: F. BOLOURIAN	APPROVED BY: P. WILLIAMS
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SHEET TITLE
DRAWING LIST

SHEET NUMBER G05-010-E0000	ISSUE D
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1 ELECTRICAL DEMOLITION PLAN
E1100 Scale: 1 : 200

- NOTES:
1. REMOVE EXISTING IT RACK, CABLING. RETURN EXISTING PATCH PANELS AND SWITCH TO OWNER.
 2. REMOVE EXISTING LIGHT SWITCHES SHOWN ON PLAN. PREPARE CIRCUITS FOR RE-USE FOR NEW LIGHT SWITCHES TO REPLACED DEMOLISHED.

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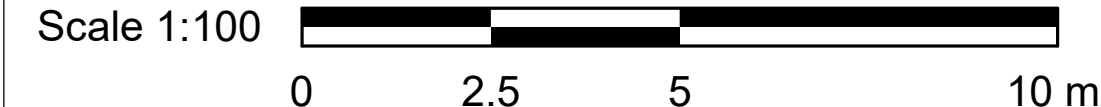
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SHEET TITLE
ELECTRICAL
DEMOLITION PLAN

SHEET NUMBER G05-010-E1100	ISSUE D
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2
E2101

1
E2100

POWER & SYSTEMS KEY PLAN
Scale: 1 : 200

ELECTRICAL ROOM
120

PROVIDE 100A 120/208V THREE
PHASE CONNECTION FROM
EXISTING BUILDING ELECTRICAL
ROOM SWITCHBOARD TO
TEMPORARY TRAILER

PROVIDE 100A 120V SINGLE PHASE
CONNECTION FROM EXISTING
BUILDING ELECTRICAL ROOM
SWITCHBOARD TO TEMPORARY
TRAILER

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CHECKED BY:

P. WILLIAMS

PROJECT MGR:

F. BOLOURIAN

APPROVED BY:

P. WILLIAMS

SHEET TITLE

POWER & SYSTEMS
PLAN KEY PLAN

SHEET NUMBER

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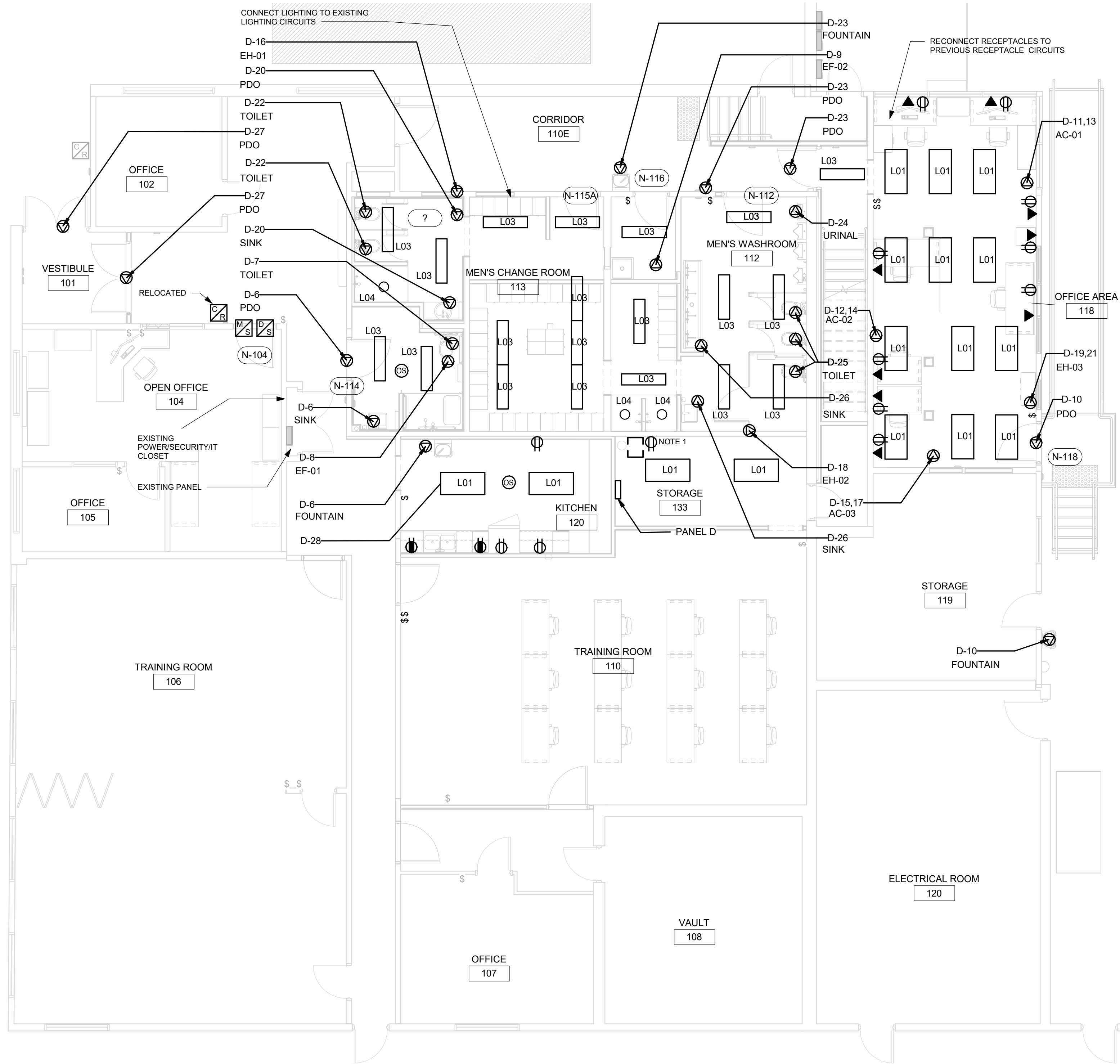
ISSUE

D

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10mm

SCALE CHECK
1 m



2 FIRST FLOOR - WEST
E2101 Scale: 1 : 75

NOTES:

- PROVIDE NEW 12RU IT WALL MOUNT LOCKABLE CABINET. PROVIDE 24 PORT PATCH PANEL. PROVIDE 24 PORT POE SWITCH (INSTALLED BY CONTRACTOR, PROCURED THROUGH COT INTERNAL IT PROCUREMENT). RE-FEED EXISTING CONNECTIONS THAT WERE BEING SERVICED BY EXISTING JANITOR ROOM IT CABINET. TERMINATE IN PATCH PANEL. PROVIDE CAT 6 CABLING FOR NEW CONNECTIONS. RE-FEED ALL EXISTING DATA JACKS IN BUILDING AFFECTED BY RELOCATION.
- PROVIDE ALL ROUGH IN/CONDUIT/CABLING FOR POWER DOOR HARDWARE/SECURITY HARDWARE INDICATED. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS OF DEVICES/BUTTONS. REFER TO DRAWING D4001 FOR UNIVERSAL WASHROOM SCHEMATIC. CONNECT NEW SECURITY DOOR HARDWARE WITH EXISTING SECURITY SYSTEM. PROVIDE NEW CABLING/CONDUIT AS NEEDED.
- CIRCUITS INDICATED IS FOR GROUPING PURPOSES ONLY. PROVIDE NEW 15A BREAKER IN EXISTING PANEL AND FILL AS SPACE ALLOWS.
- CONNECT NEW LIGHTING TO EXISTING LIGHTING CIRCUITS IN SPACE

Scale 1:100
0 2.5 5 10 m

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1026 FINCH AVE W**

PROJECT NO:
9119-19- 0162 / Arcadis 30279056

DRAWN BY:
M. BOJIC

CHECKED BY:
P. WILLIAMS

PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
P. WILLIAMS

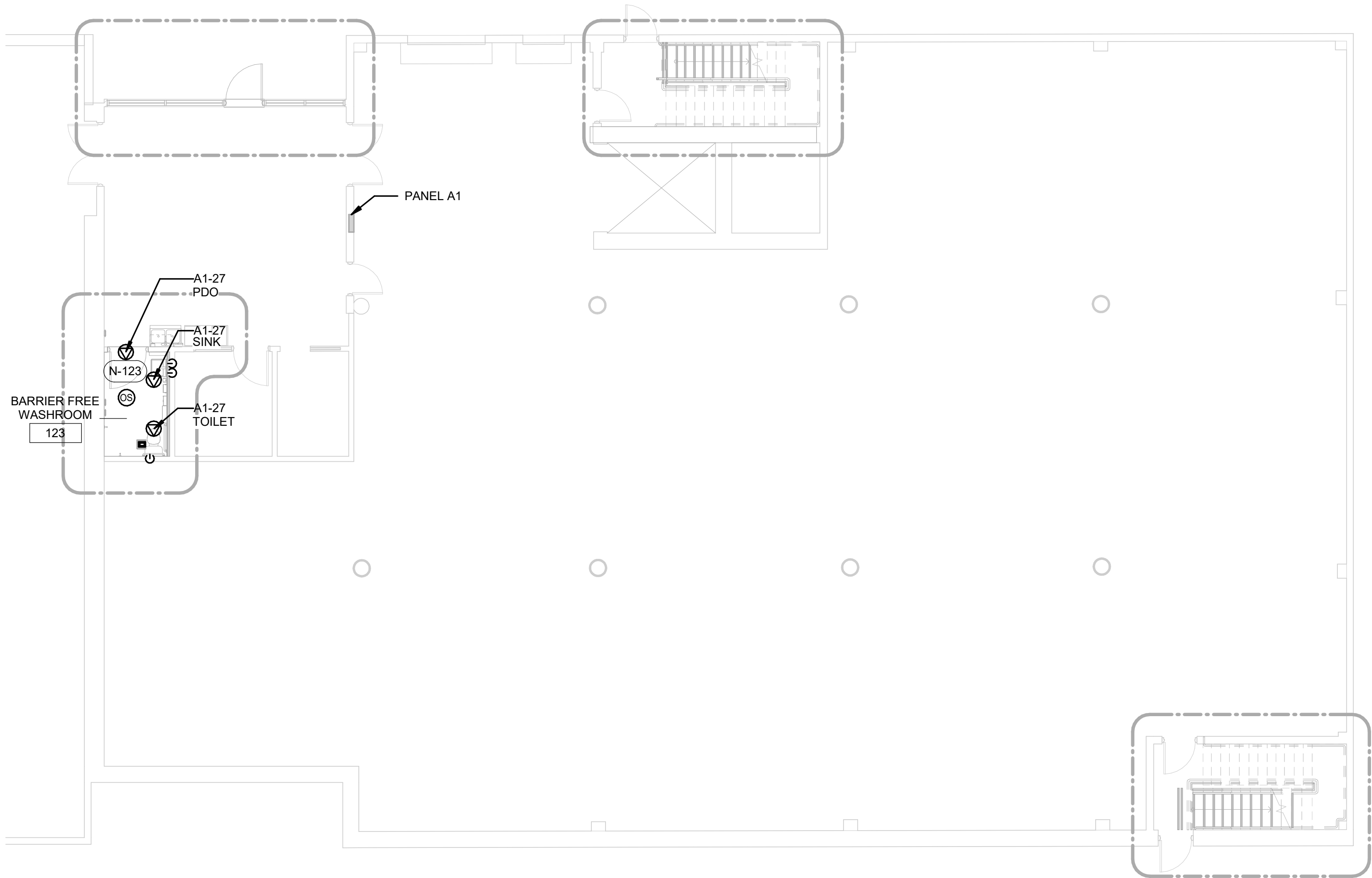
SHEET TITLE
**POWER & SYSTEMS
PLAN 1ST FLOOR PART 1**

SHEET NUMBER

G05-010-E2101

ISSUE

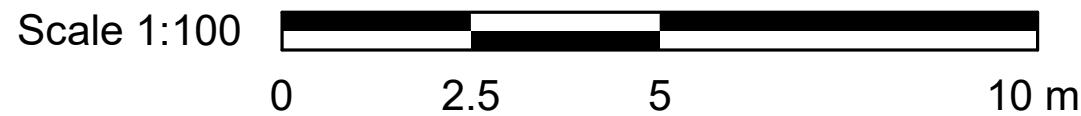
D



1 FIRST FLOOR - EAST
E2102 Scale: 1 : 100

NOTES:

1. PROVIDE ALL ROUGH IN/CONDUIT/CABLING FOR POWER DOOR HARDWARE/SECURITY HARDWARE INDICATED. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS OF DEVICES/BUTTONS. REFER TO DRAWING D4001 FOR UNIVERSAL WASHROOM SCHEMATIC. CONNECT NEW SECURITY DOOR HARDWARE WITH EXISTING SECURITY SYSTEM. PROVIDE NEW CABLING/CONDUIT AS NEEDED.
2. CIRCUITS INDICATED IS FOR GROUPING PURPOSES ONLY. PROVIDE NEW 15A BREAKER IN EXISTING PANEL AND FILL AS SPACE ALLOWS.



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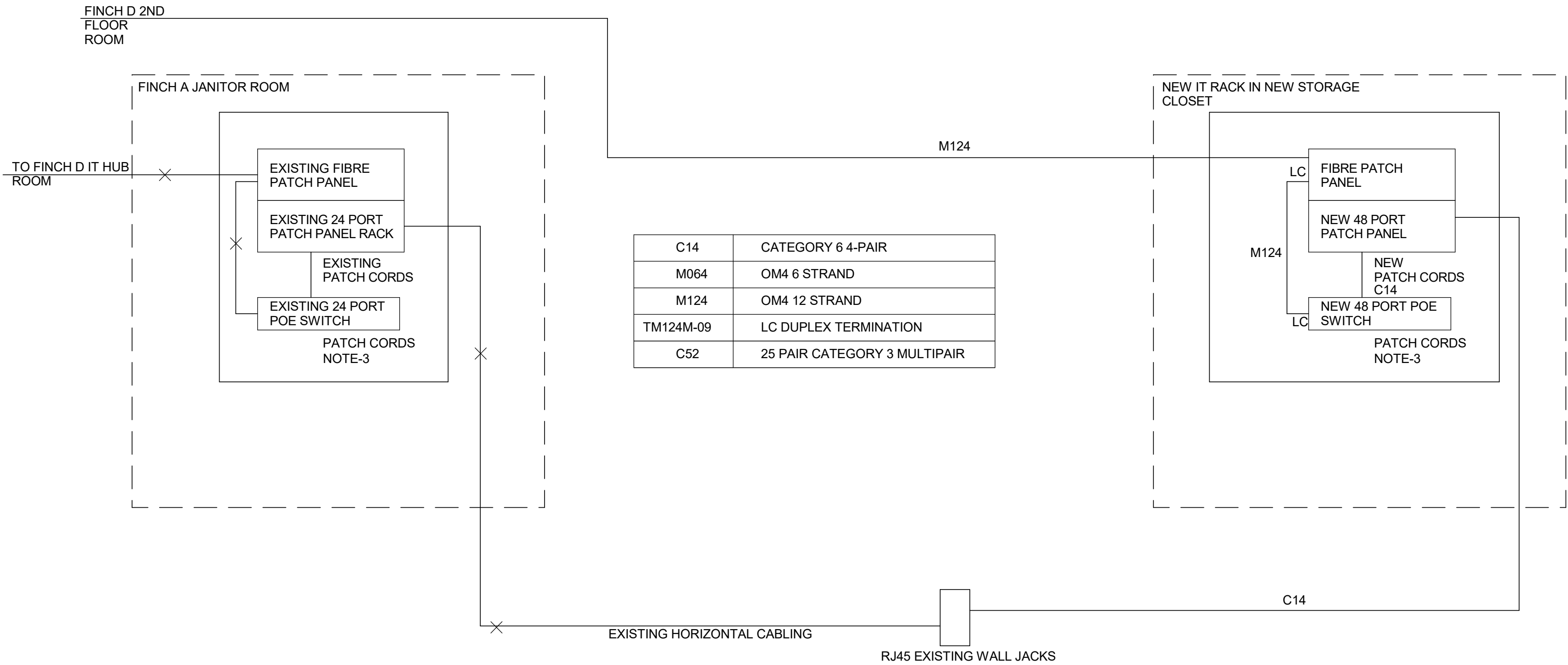
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SHEET TITLE
**POWER & SYSTEMS
PLAN 1ST FLOOR PART 2**

SHEET NUMBER
G05-010-E2102

ISSUE
D



NOTES:

- THIS SKETCH IS FOR SCHEMATIC PURPOSE ONLY. QUANTITIES AS PER LAYOUT DRAWING. ALL ITEMS IN CONTRACT UNLESS NOTED AS "NIC"
- ONE CABLE PER JACK. QUANTITY OF JACKS IN EACH OUTLET AND QUANTITY OF OUTLETS AS PER LAYOUT DRAWINGS
- PATCH CORDS PROVIDED BY CONTRACTOR.
- ALL CABLING TO BE CONTAINED IN CONDUIT, TRAY OR RACEWAY. NO FREE RUNS IN AIR. MIN SIZE CONDUIT 21C, MAX FILL 40% BY CROSS SECTIONAL AREA.
- APPROVED CABLING MANUFACTURERS
 - BELDEN
 - COMMSCOPE
 - PANDUIT
 - TYCO
- INSTALL RACK IN NEW STORAGE ROOM. PROVIDE NEW 48 PORT PATCH PANEL. PROVIDE CAT6 CABLING TO EXISTING JACKS IN FINCH D BUILDING. TERMINATE IN NEW PATCH PANEL. RELOCATE EXISTING FIBRE PATCH PANEL IN NEW RACK. PROVIDE NEW M124 FIBRE CABLE FROM FINCH D IT HUB ROOM AND TERMINATE ON BOTH ENDS IN EXISTING LOCATIONS ON PATCH PANELS. ENGAGE BELL SERVICES TO DO THE WORK.

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SHEET TITLE
COMMUNICATIONS
RISER DIAGRAM

SHEET NUMBER G05-010-E4001	ISSUE D
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