

CITY OF TORONTO

ACCESSIBILITY UPGRADES

GROUP 5

9119- 19- 0162 / Arcadis 30279056

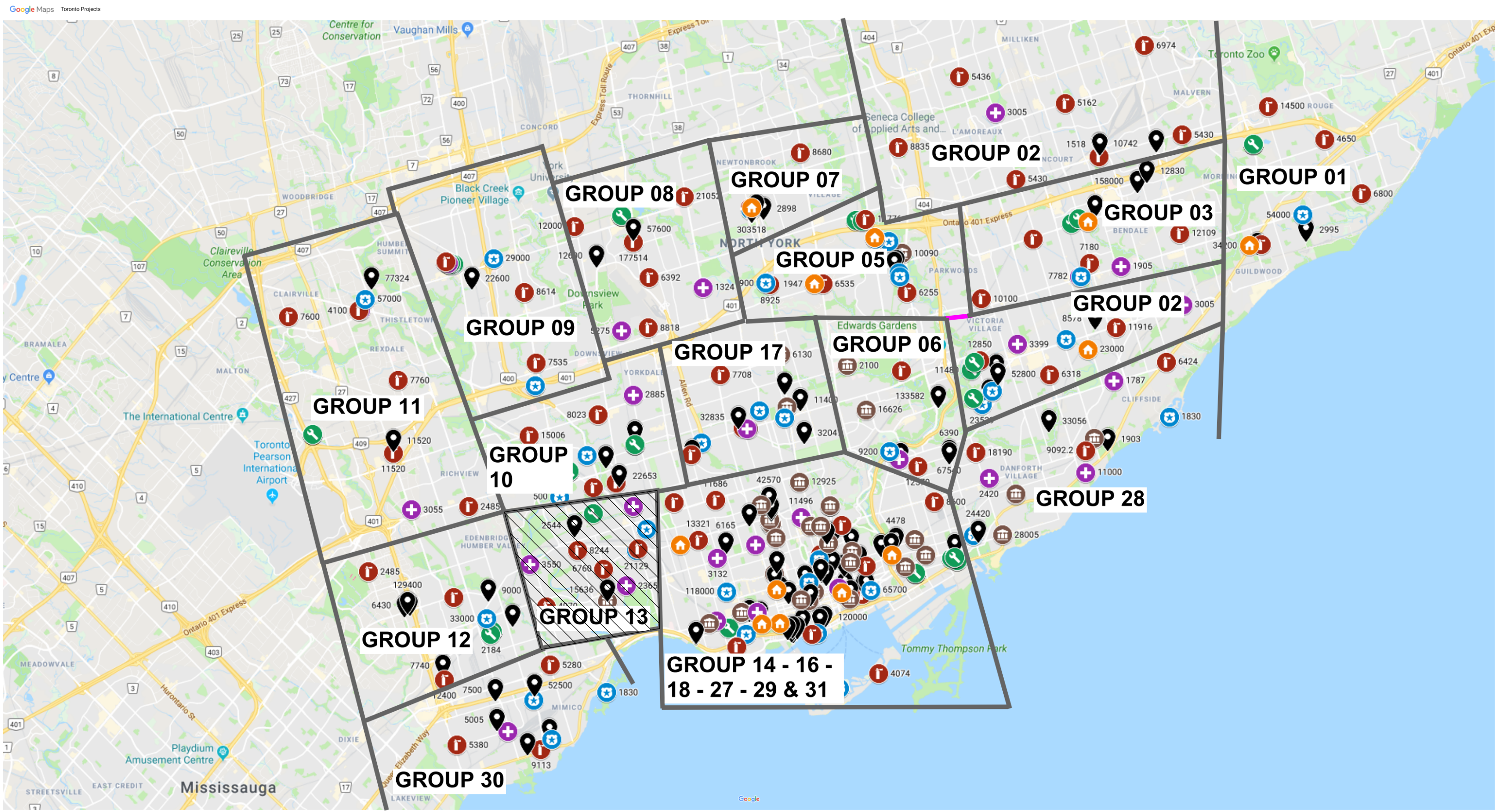


IMAGE SOURCES: GOOGLE MAPS

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

| GENERAL LAYOUTS GROUP 05 | |
|--------------------------|--|
| SHEET # | SHEET TITLE |
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| G05-GAL-G1004 | DOOR TYPES |
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| 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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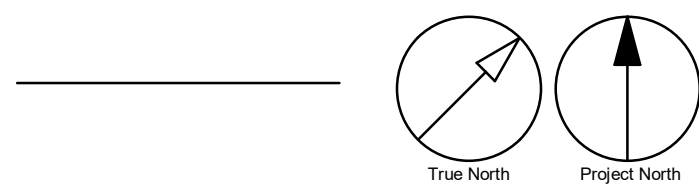
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| PROJECT NO: 9119- 19- 0162 / Arcadis 30279056 | |
| DATE: 2025-04-11 | |
| SHEET NUMBER G05-GAL-G0001 | ISSUE D |

ABBREVIATIONS

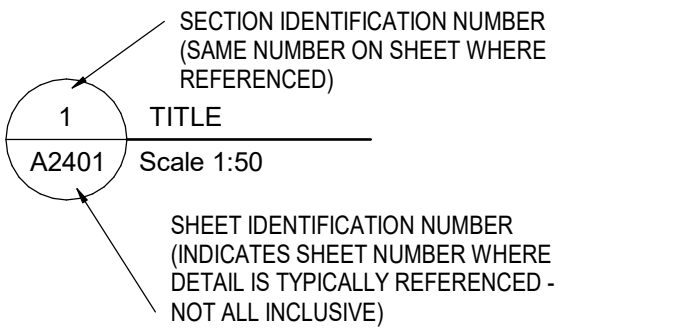
| | | | | | | | |
|--------------|--|-------------|--|------------|--|-------------|-------------------------------|
| @ | AT | ECB | EMERGENCY CALL BUTTON | LNS | LINOLEUM SHEET | RS | RUBBER SHEET FLOORING |
| A | ANGLE | ECF | EMERGENCY CALL SIGNAGE | LNT | LINOLEUM TILE | RST | RUBBER STAIR TREADS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

REFERENCE SYMBOLS

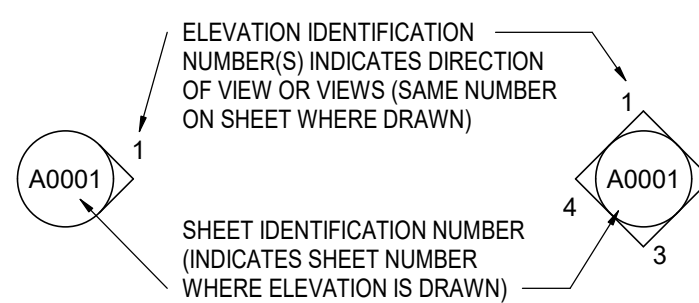
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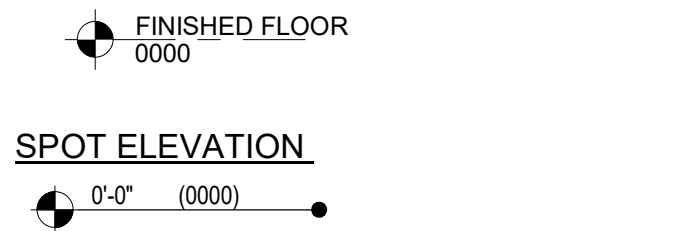
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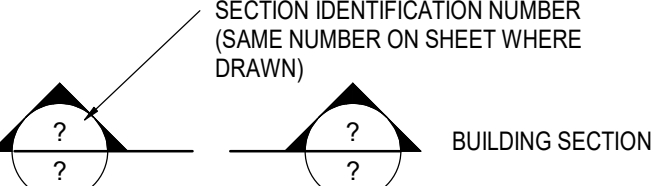
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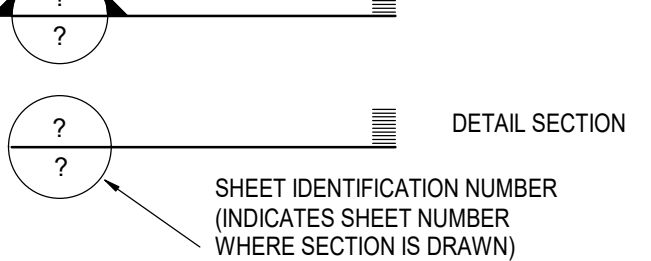
ELEVATION INDICATION - (FLOORS, ETC...)



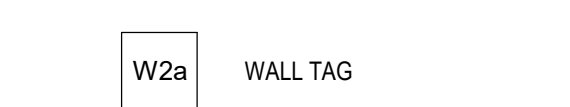
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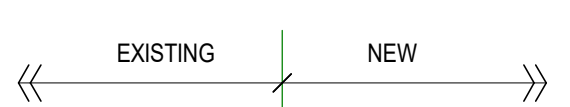
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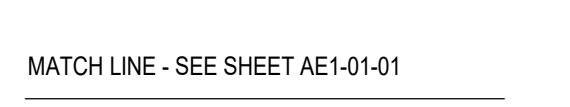
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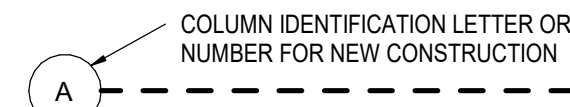
MATERIAL OR WORK DIVISION INDICATION



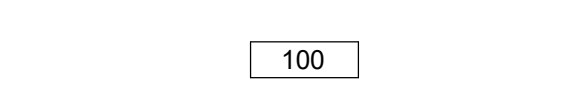
MATCH LINE INDICATION



COLUMN INDICATION



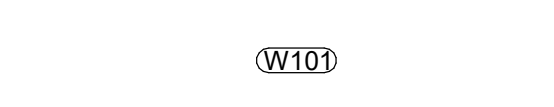
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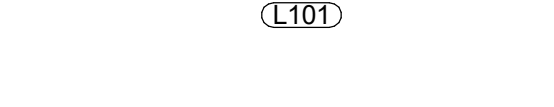
NEW DOOR NUMBER INDICATION



WINDOW NUMBER INDICATION



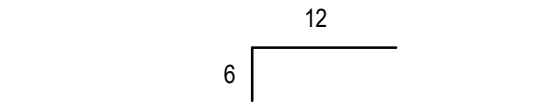
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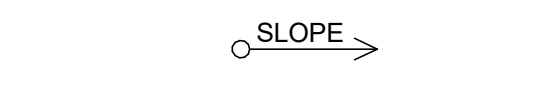
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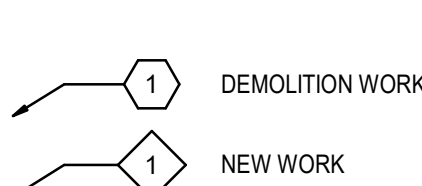
ROOF OR RAMP PITCH INDICATION



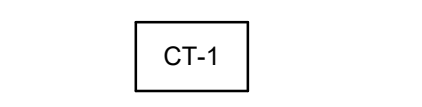
ROOF OR RAMP SLOPE INDICATION



KEYED NOTE SYMBOLS



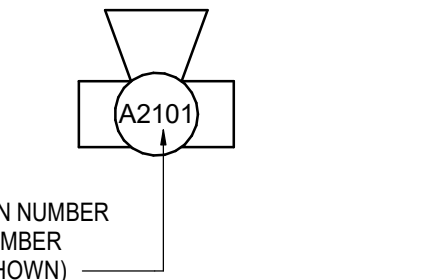
FLOOR FINISH TAG



REVISION INDICATION



CAMERA VIEW



CITY OF TORONTO

Corporate Real Estate Management
Project Management Office
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| ISSUES | | |
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CONSULTANTS

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PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

DRAWN BY:
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CHECKED BY:
L. BANDIERA

PROJECT MGR:
F. BOLOURIAN

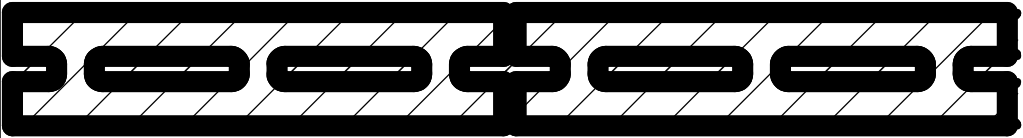
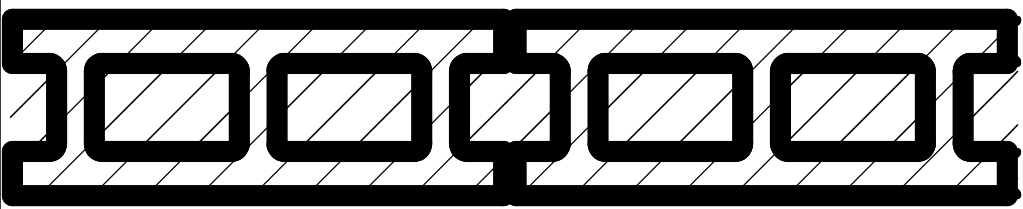
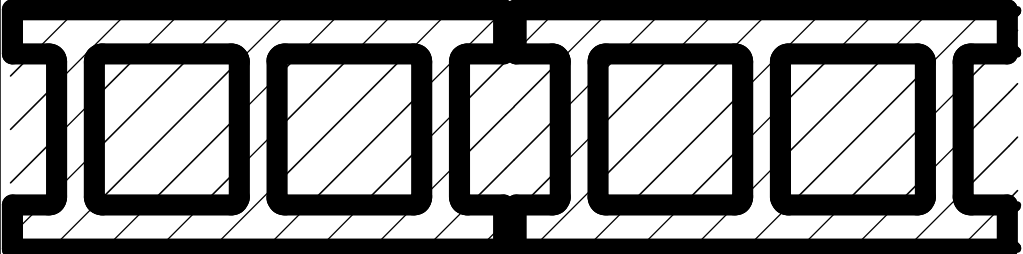
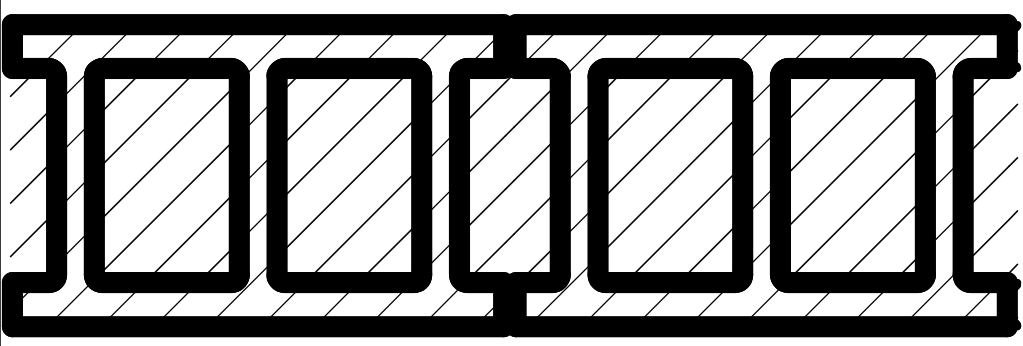
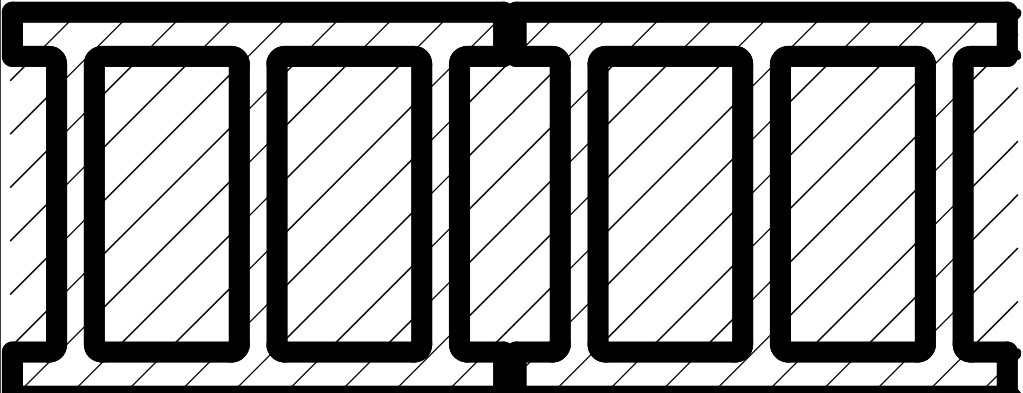
APPROVED BY:
E. FENUTA

SHEET TITLE

GENERAL NOTES,
ABBREVIATIONS &
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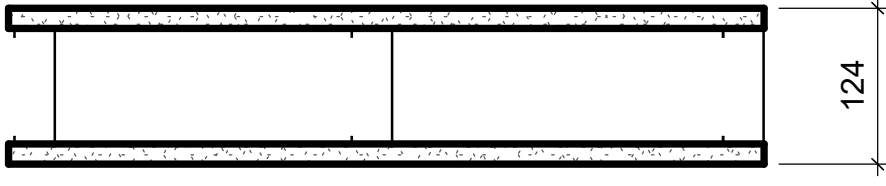
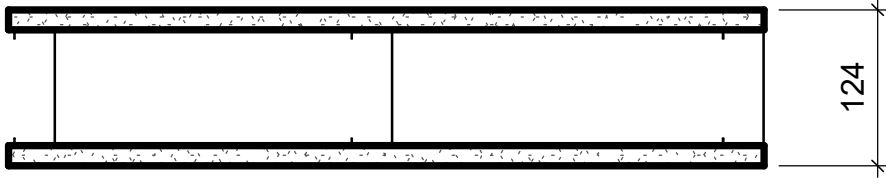
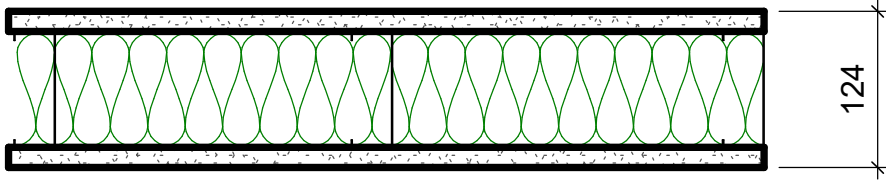
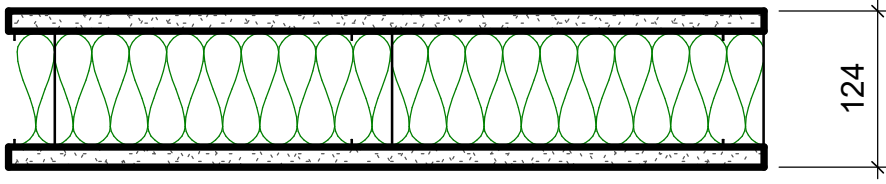
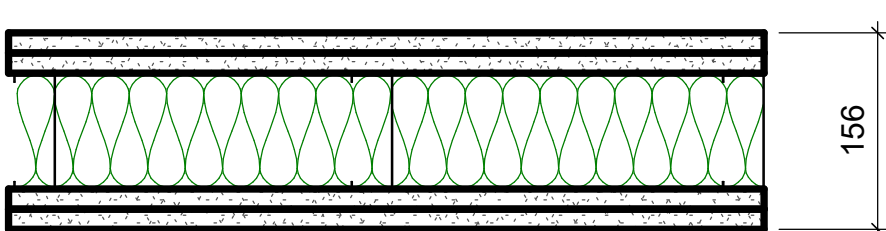
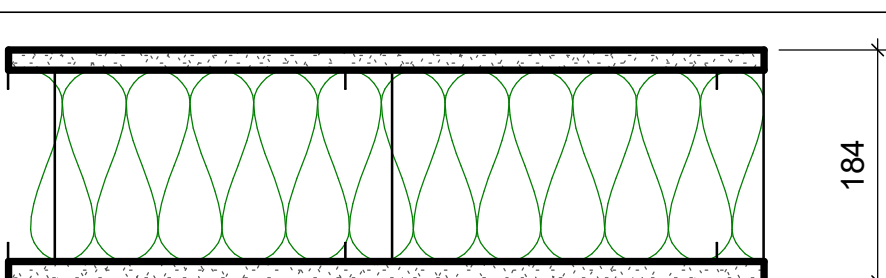
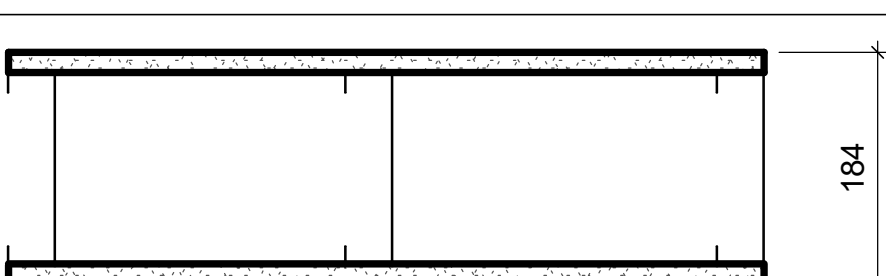
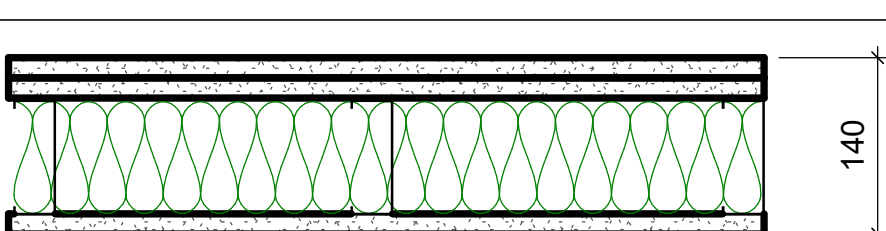
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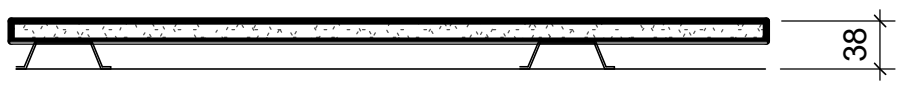
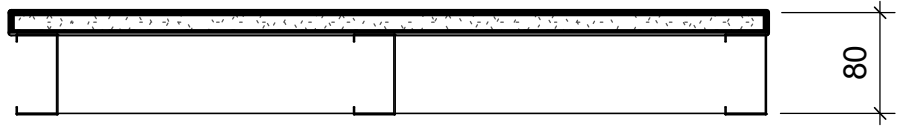
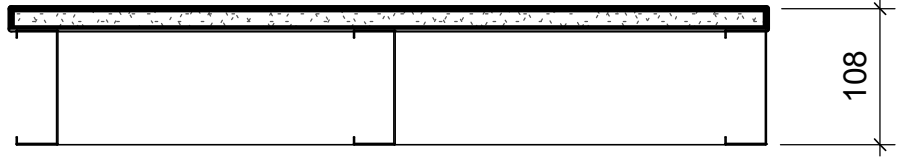
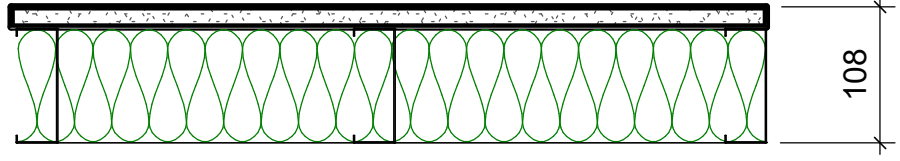
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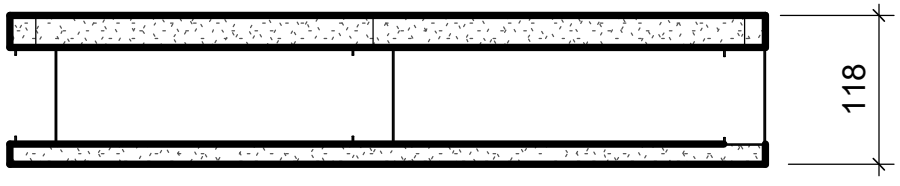
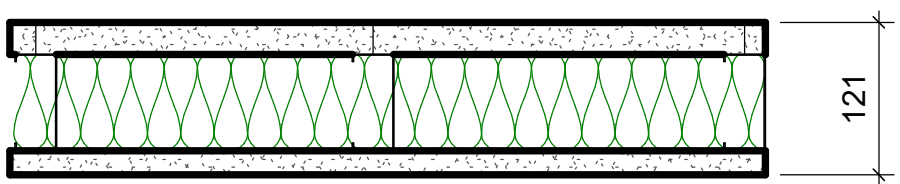
| CONCRETE BLOCK | | | | |
|----------------|---|--|-----------------------|-----|
| TYPE NO. | ASSEMBLY | DESCRIPTION | FRR | STC |
| W1a |  | - 90mm CONCRETE BLOCK NORMAL WEIGHT TO U/S OF DECK/ SLAB ABOVE | | 44 |
| W1b |  | - 140mm CONCRETE BLOCK NORMAL WEIGHT TO U/S OF DECK/ SLAB ABOVE | 1.0 HR OBC 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 |

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| 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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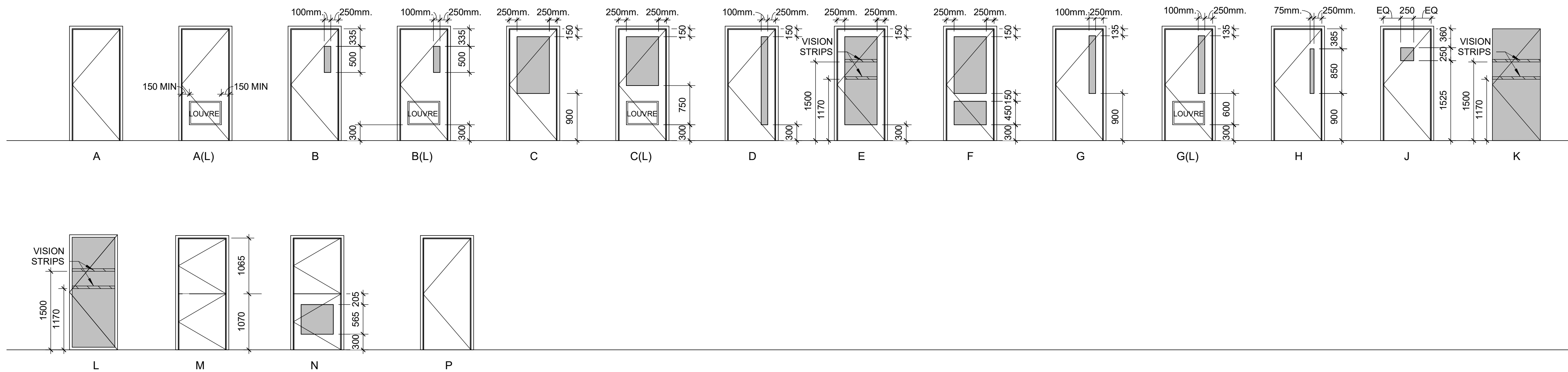
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| PROJECT NO: 9119- 19- 0162 / Arcadis 30279056 | |
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| PROJECT MGR: F.BOLOURIAN | APPROVED BY: E. FENUTA |

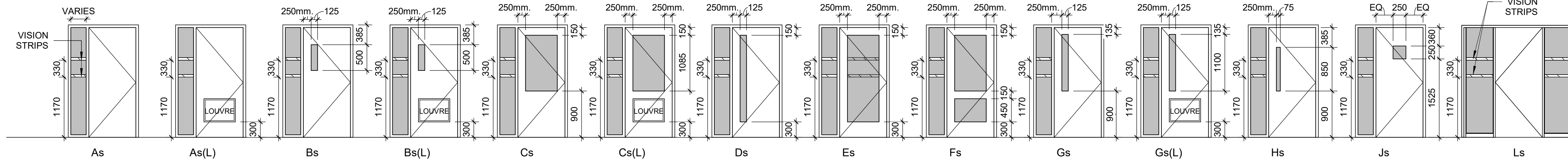
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WALL TYPES

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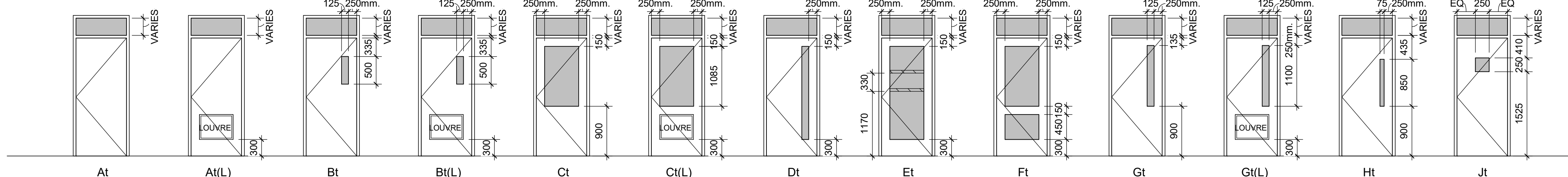
SINGLE DOOR TYPES



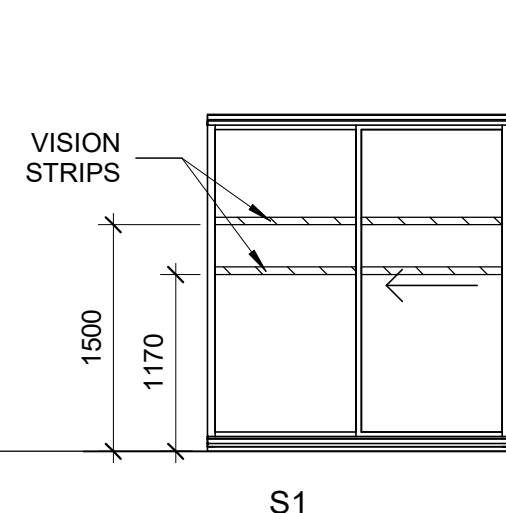
SINGLE DOOR WITH SIDELIGHT TYPES



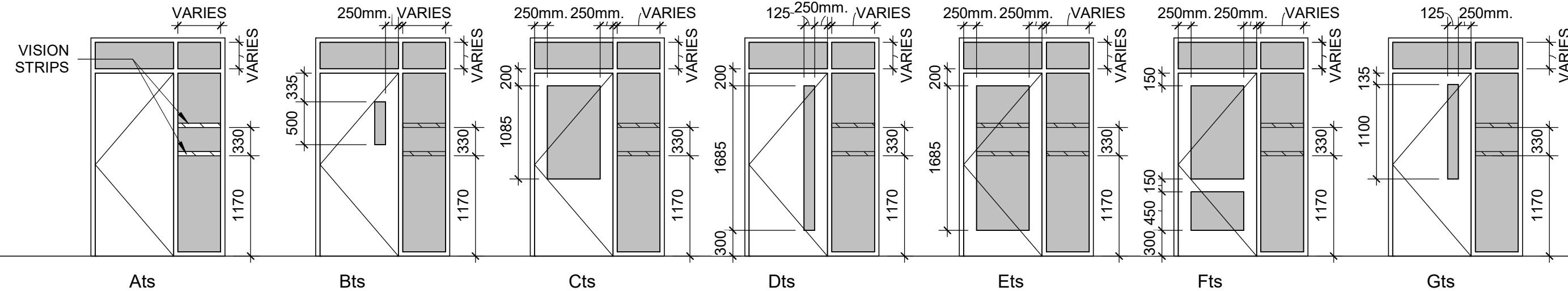
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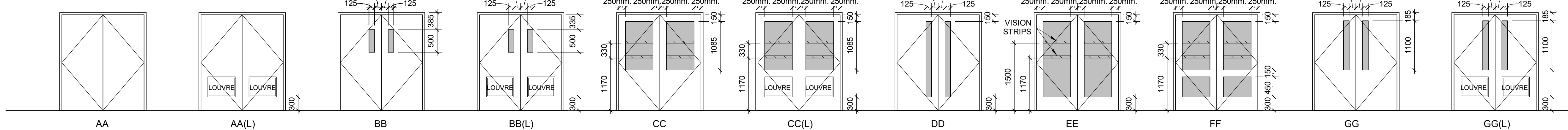
SINGLE SLIDING DOOR TYPE



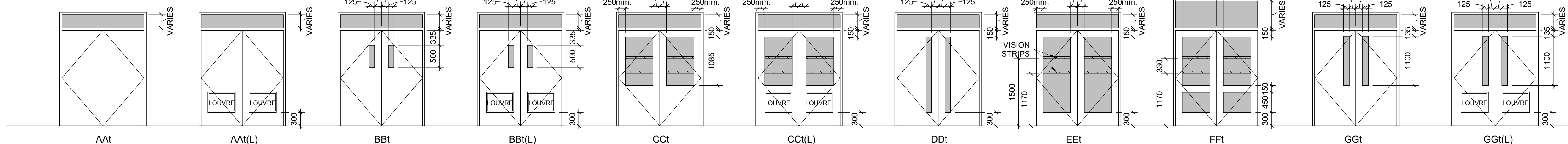
SINGLE DOOR WITH SIDELIGHT & TRANSOM TYPES



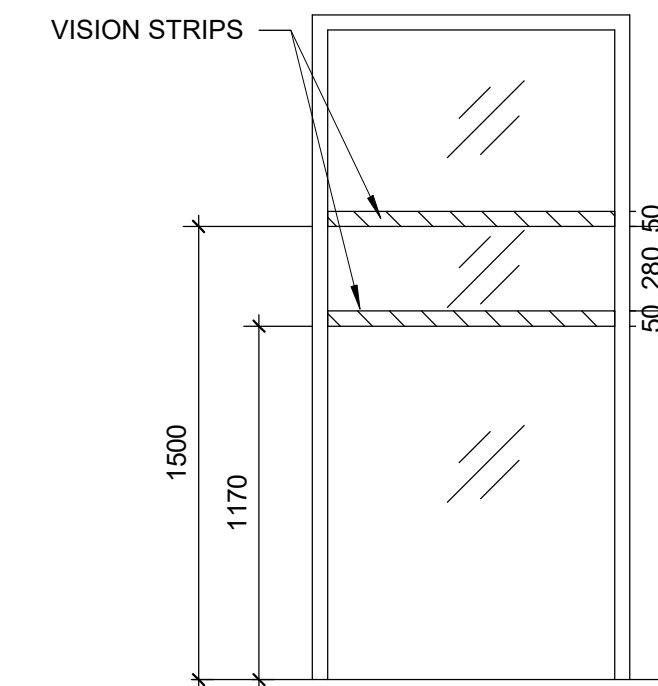
DOUBLE DOOR TYPES



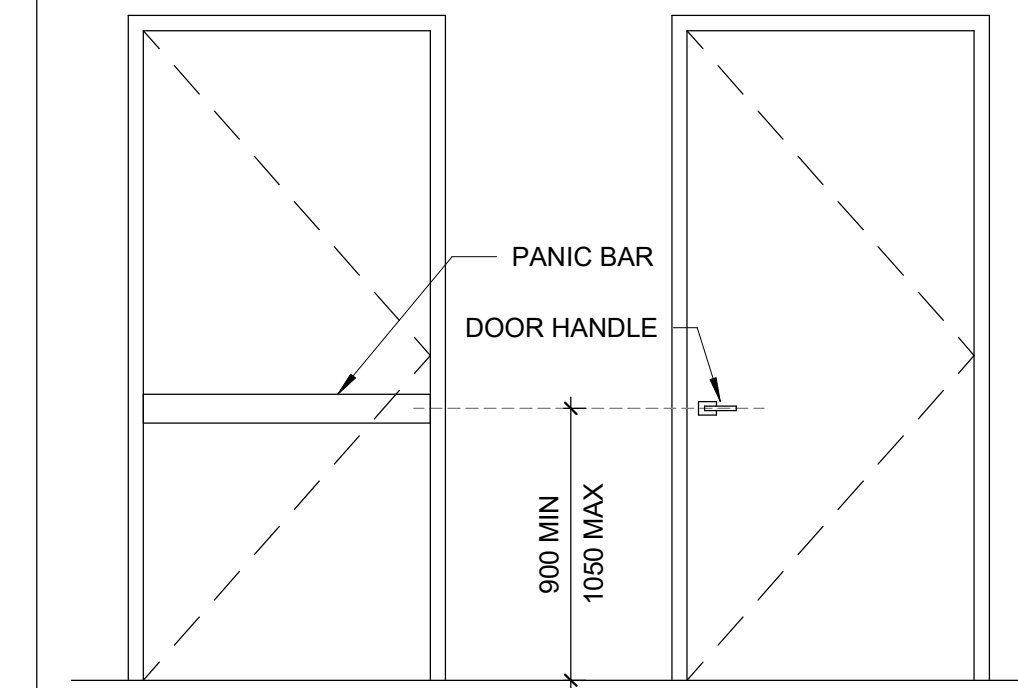
DOUBLE DOOR WITH TRANSOM TYPES



VISION STRIPS



DOOR HANDLE / PANIC BAR HEIGHT



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PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

DRAWN BY:

A. BOYNAR

PROJECT M
F B O L O U B I

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| CHECKED BY: |
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| | L. BANDIERA |
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SHEET TITLE

DOOR TYPES

SHEET NUMBER

G05-GAL-G0004

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| ISSUE |
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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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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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PROJECT TITLE

CITY OF TORONTO

ACCESSIBILITY UPGRADES

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SHEET TITLE

STRUCTURAL - GENERAL

NOTES

SHEET NUMBER

G05-GAL-G2000

ISSUE

E

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Autodesk Docs // 122860 - Cot T TAU Upgrades R2024/122860-TAU-G05-General-R20.rvt

10mm

1 in

REINFORCING STEEL

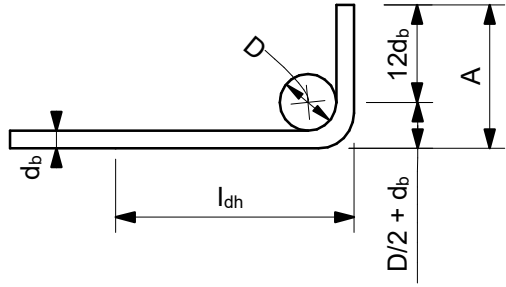
1. ALL REINFORCING STEEL SHALL CONFORM TO CAN/CSA-G30.18-M-2009 (R2014), GRADE 400W.
2. MINIMUM CLEAR SPACING BETWEEN PARALLEL REINFORCING BARS SHALL BE 1.4 TIMES THE BAR DIAMETER, 1.4 TIMES THE MAX. AGGREGATE SIZE OR 30mm WHICHEVER IS GREATER. PROVIDE 75mm MINIMUM LAPPED REBAR CLEARANCE FOR CONCRETE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

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

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

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

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



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

STRUCTURAL STEEL:

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

ABBREVIATIONS:

| | | | |
|---------|--|-------|---------------------------|
| 2L | two angles | HP | high point |
| AB | anchor bolt | HS | high strength |
| ADD | addendum | ID | inside diameter |
| ADJ | adjacent | IE | invert elevation |
| AFF | above finished floor | IF | inside face |
| AHU | air handling unit | IN | inches |
| ALT | alternate | INCL | include |
| ANC | anchor | INFO | information |
| APPROX | approximate | JT | joint |
| ARCH | architectural | KN | kiloneuton |
| ASTM | American Society for Testing and Materials | kNm | kiloneuton 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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| 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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PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

| |
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| PROJECT ADDRESS |
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|--|--------------------------|
| 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 - GENERAL
NOTES, SYMBOLS &
ABBREVIATIONS

| | |
|---------------|-------|
| SHEET NUMBER | ISSUE |
| G05-GAL-G2002 | E |

| CONTROLS POINT FUNCTION ABBREVIATION | | | | | | | | | |
|--------------------------------------|----------------|---------------|---------------------|--------------|------------------------|---------------|------|--|--|
| FIRST LETTER | | SECOND LETTER | | THIRD LETTER | | FOURTH LETTER | | | |
| A | AIR | A | H-O-A STATUS | H | HIGH | H | HIGH | | |
| C | COMPRESSED GAD | C | CLOSE | L | LOW | 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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| 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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PROJECT TITLE
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ACCESSIBILITY UPGRADES

PROJECT ADDRESS

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| DRAWN BY: K.DURUKAN | CHECKED BY: B.LIAO |
| PROJECT MGR: N. FRISCIC | APPROVED BY: S. LIU |

SHEET TITLE
MECHANICAL LEGEND
SHEET 2 OF 2

| | |
|-------------------------------|------------|
| SHEET NUMBER G05-GAL-G3002 | ISSUE D |
|-------------------------------|------------|

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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 |
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| PROJECT NO: 9119- 19- 0162 / Arcadis 30279056 | | | | |
| DRAWN BY: V. MAC | | CHECKED BY: M. BOJIC | | |
| PROJECT MGR: F.BOLOURIAN | | APPROVED BY: P. WILLIAMS | | |
| SHEET TITLE | | | | |
| ELECTRICAL LEGEND 2 | | | | |
| SHEET NUMBER | | ISSUE | | |
| G05-G4002 | | 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 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 INCLUDING 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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| No. | DESCRIPTION | DATE |
|-----|-------------------|-----------|
| A | 50% SUBMISSION | 2022-01-2 |
| B | 90% SUBMISSION | 2022-02-2 |
| C | ISSUED FOR PERMIT | 2022-03-1 |
| D | ISSUED FOR TENDER | 2025-04-1 |

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PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

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| 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
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CITY OF TORONTO

ACCESSIBILITY UPGRADES

TYPICAL DETAILS BOOKLET

9119- 19- 0162 / Arcadis 30279056

| ARCHITECTURAL TYPICAL DETAILS INDEX | |
|-------------------------------------|--|
| SHEET # | SHEET TITLE |
| D1000 | COVER PAGE & TYPICAL DETAIL LIST |
| D1001 | ACCESSIBILITY DESIGN STANDARDS AND DOOR CLEARANCES |
| D1002 | DOOR ENLARGEMENT |
| D1201 | ACCESSIBLE WASHROOM, SHOWER & ACCESSORIES DETAILS |
| D1202 | UNIVERSAL WASHROOM & SHOWER PLANS |
| D1203 | UNIVERSAL WASHROOM ELEVATIONS |
| D1204 | MULTI-STALL WASHROOM PLANS |
| D1205 | UW - EMERGENCY CALL SYSTEM |
| D1301 | KITCHEN MILLWORK PLANS & ELEVATIONS |
| D1302 | KITCHEN MILLWORK DETAIL SECTIONS |
| D1303 | KITCHEN HOOD VENT DETAIL |
| D1305 | RECEPTION DESK MILLWORK PLANS & ELEVATIONS |
| D1306 | RECEPTION DESK WITH TEMPERED GLASS DETAIL SECTIONS |
| D1401 | STAIR DETAILS - 01 |
| D1402 | STAIR DETAILS - 02 |
| D1403 | RAMP DETAILS - 01 |
| D1404 | RAMP DETAILS - 02 |
| D1405 | TACTILE DETAILS |
| D1501 | MISCELLANEOUS DETAILS - 01 |
| D1502 | MISCELLANEOUS DETAILS - 02 |
| D1601 | ELEVATOR DETAILS |
| D1602 | ELEVATOR CONTROL & INTERIOR CABIN DETAILS |
| D1701 | ACCESSIBLE PARKING AND SITE MARKING DETAILS |
| D1702 | CURB DETAILS |
| D1801 | PHASING / HOARDING DETAILS |

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

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

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

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| A | ISSUED FOR TENDER | 2025-04-11 |



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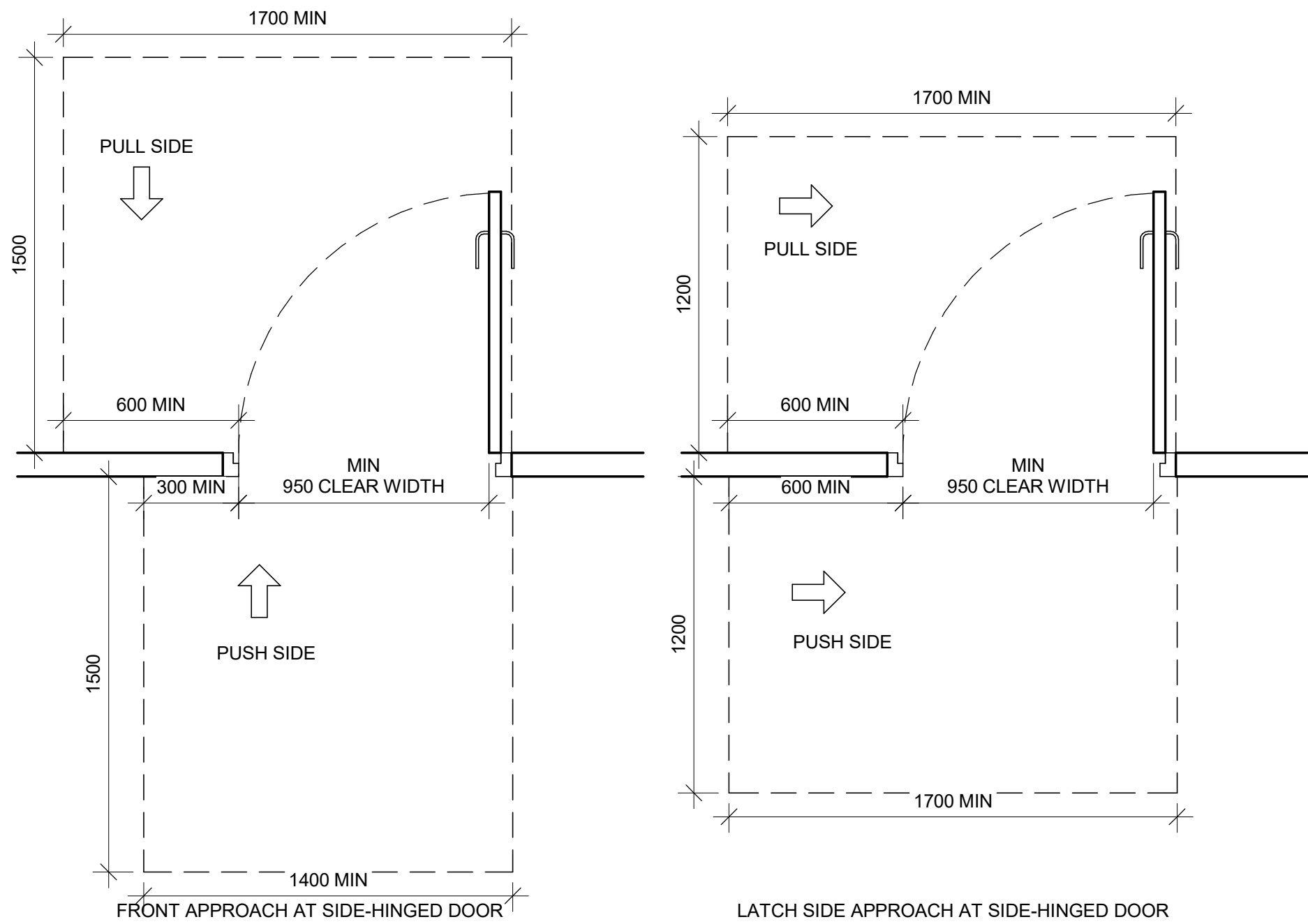
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| | |
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| SHEET NUMBER | ISSUE |
| D1000 | A |

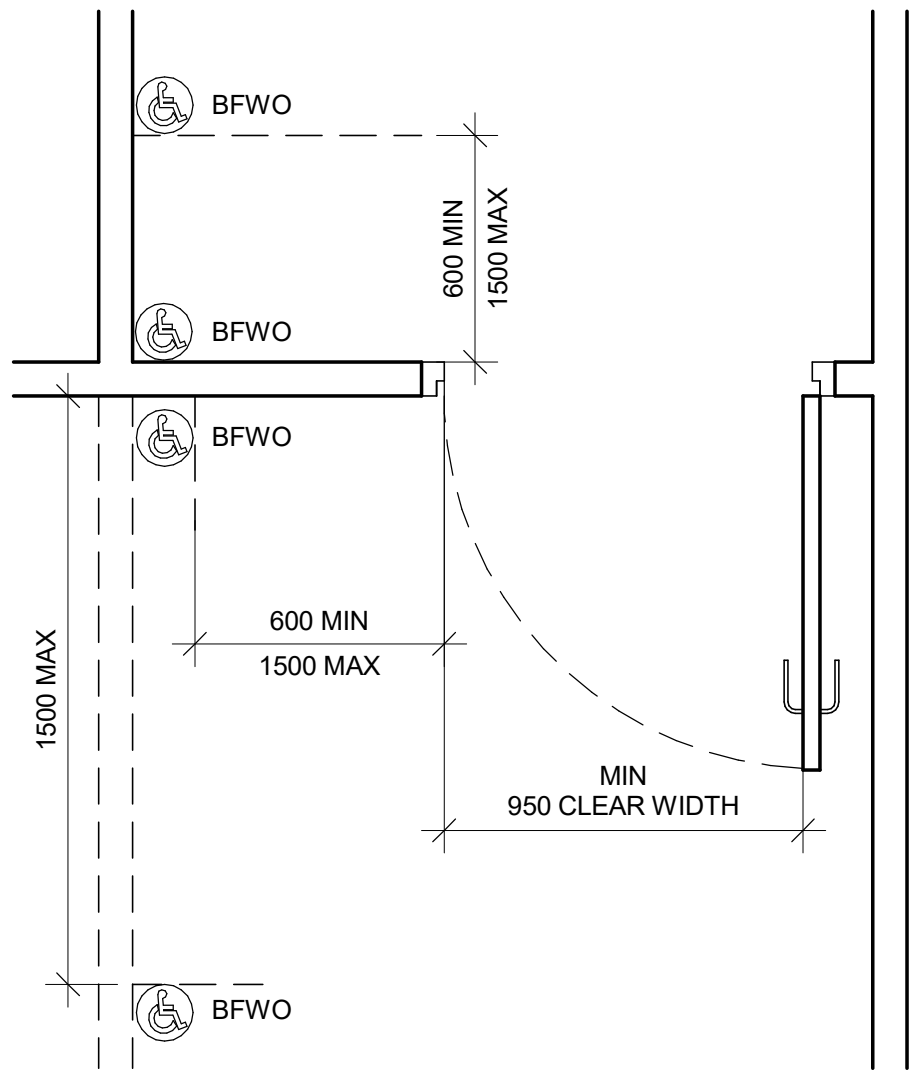
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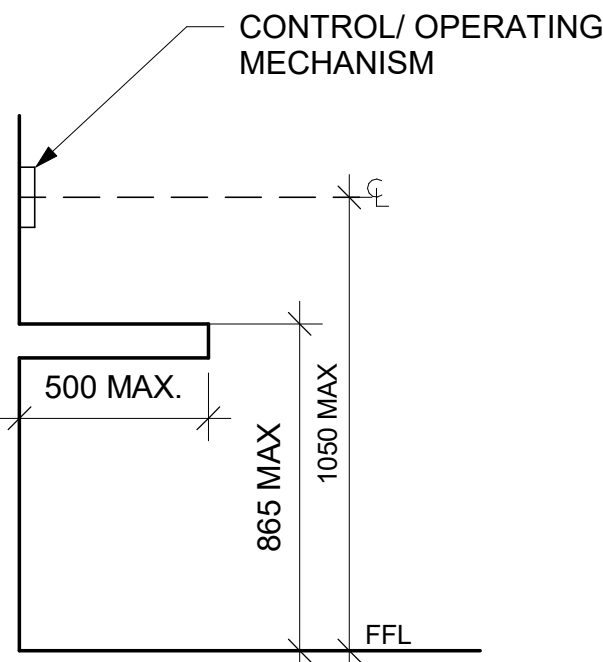
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Scale: NTS



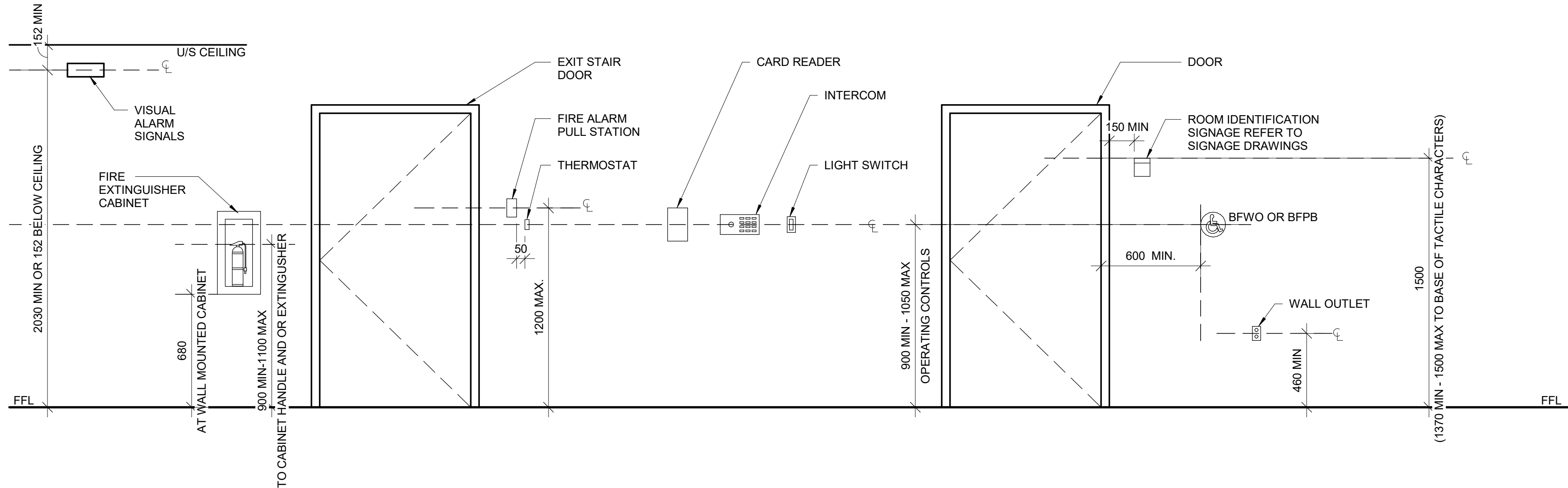
2 DOOR APPROACH CLEARANCES
D1001 Scale: 1 : 20



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



4 CONTROL HEIGHTS AT OBSTRUCTIONS
D1001 Scale: 1 : 20



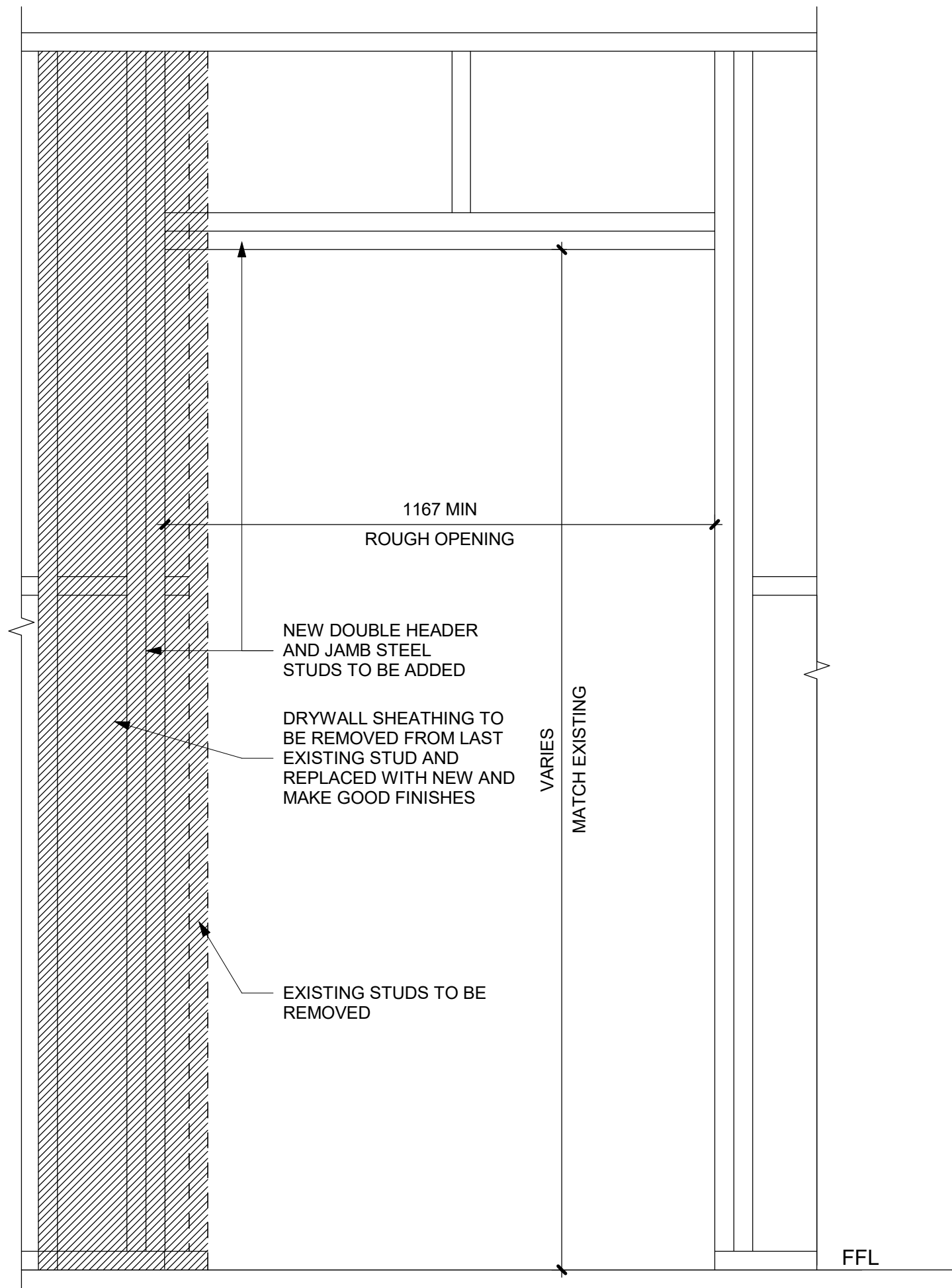
5 MOUNTING HEIGHTS
D1001 Scale: 1 : 20

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

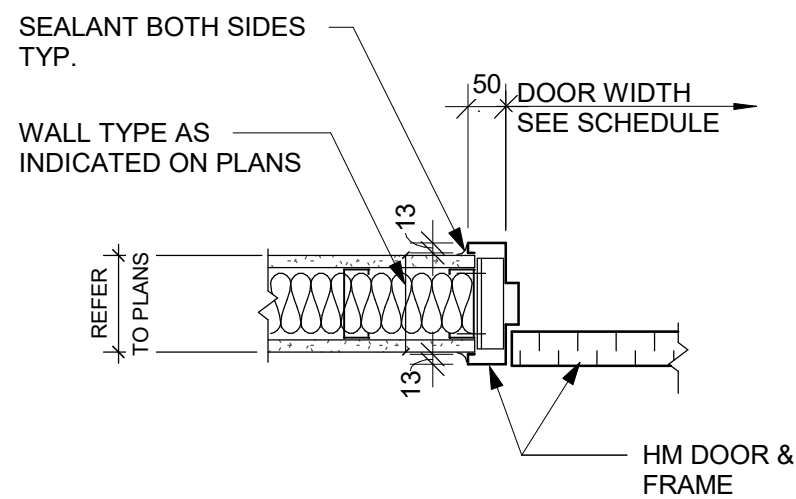
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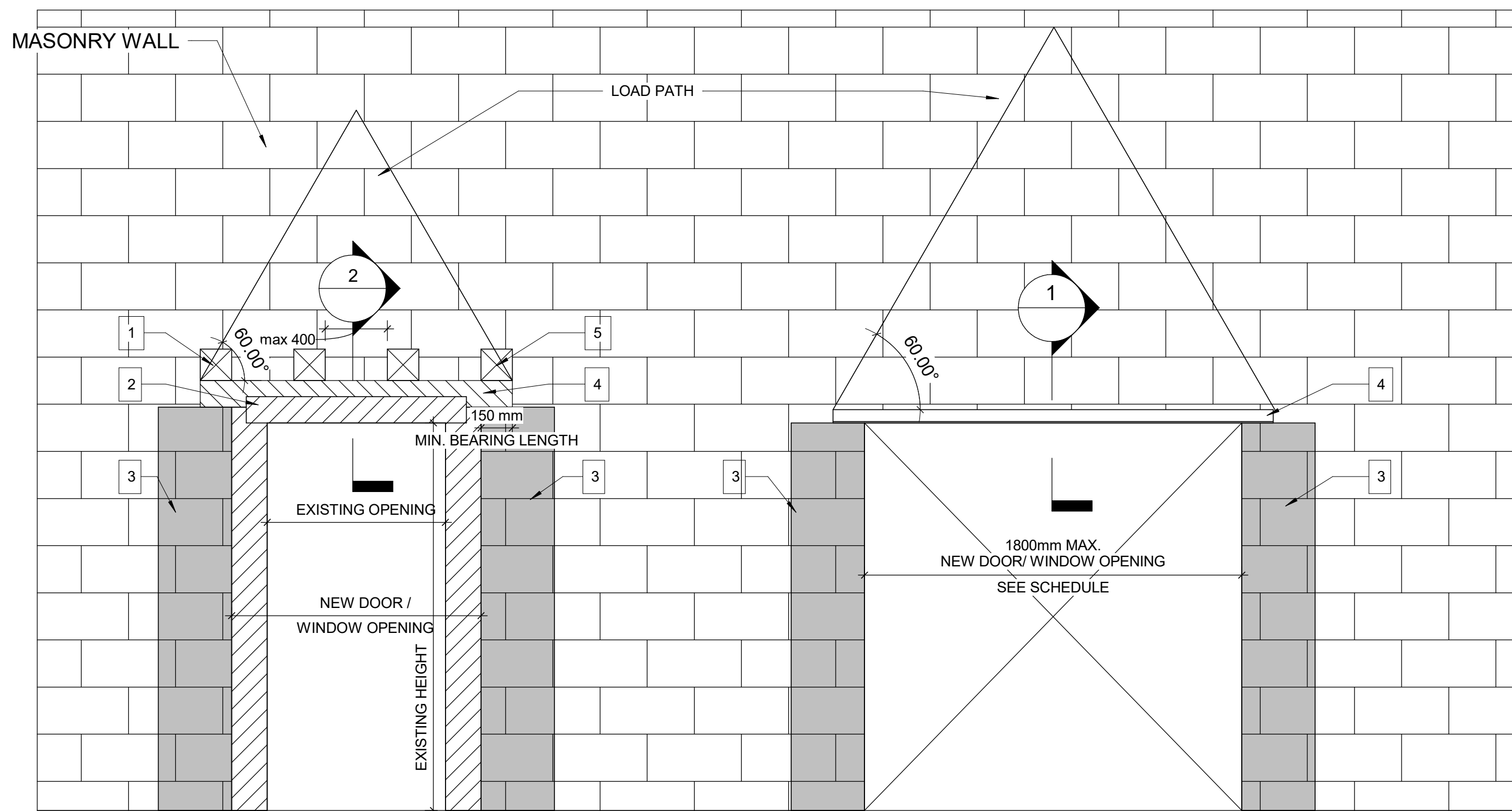
PROJECT ADDRESS



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

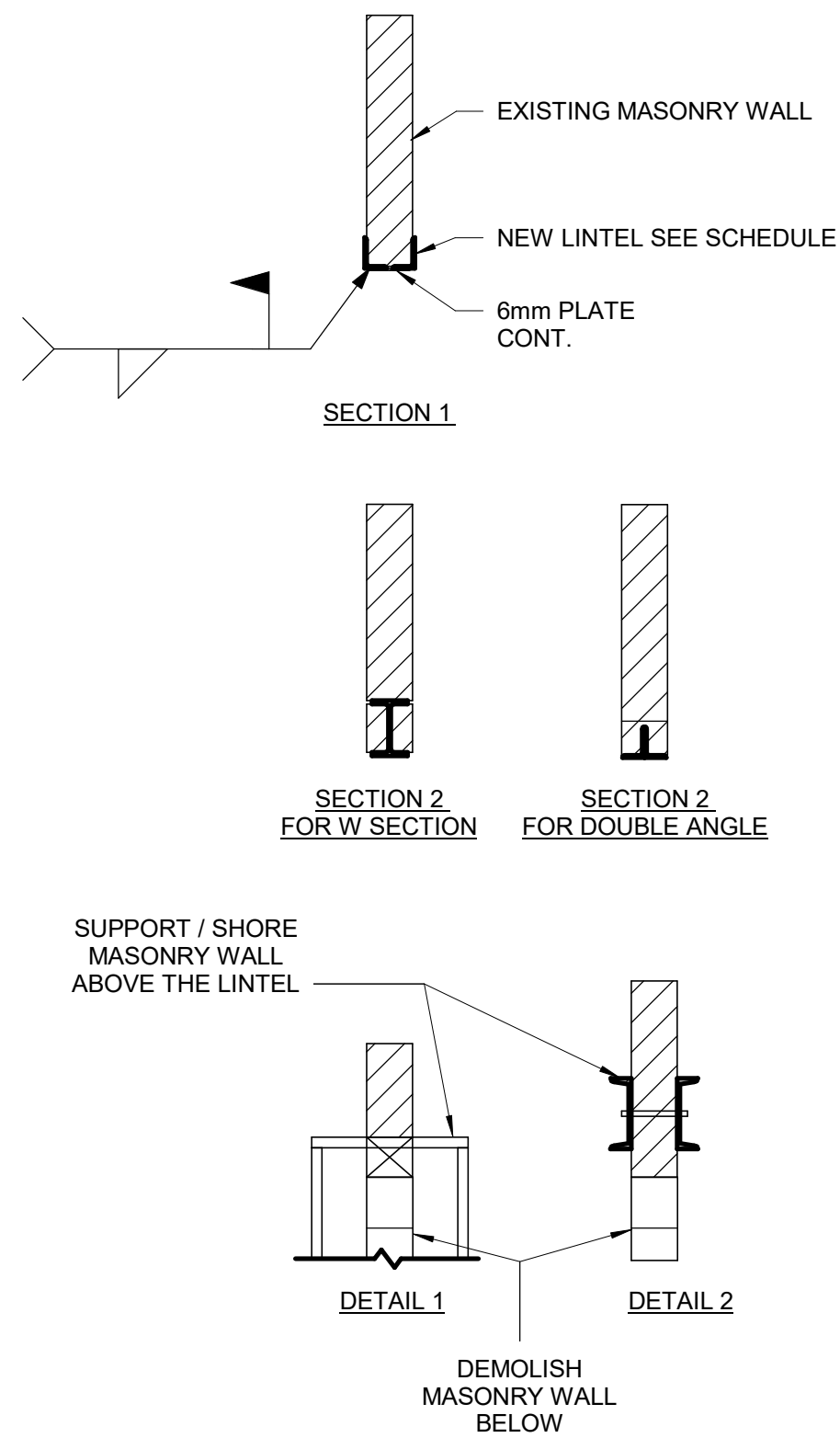
NEW DOOR/WINDOW OPENING
INTO EXISTING MASONRY WALL TYP.

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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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

DRAWN BY:
A. BOYNARIAN

CHECKED BY:
K. TILAHUN

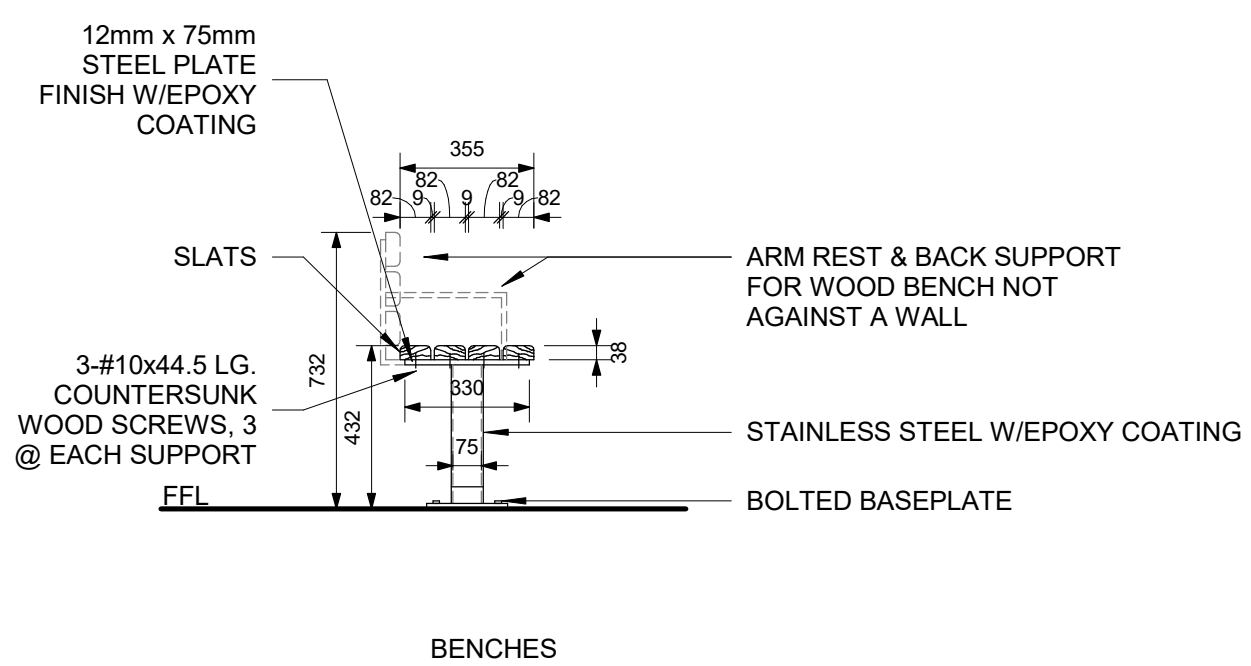
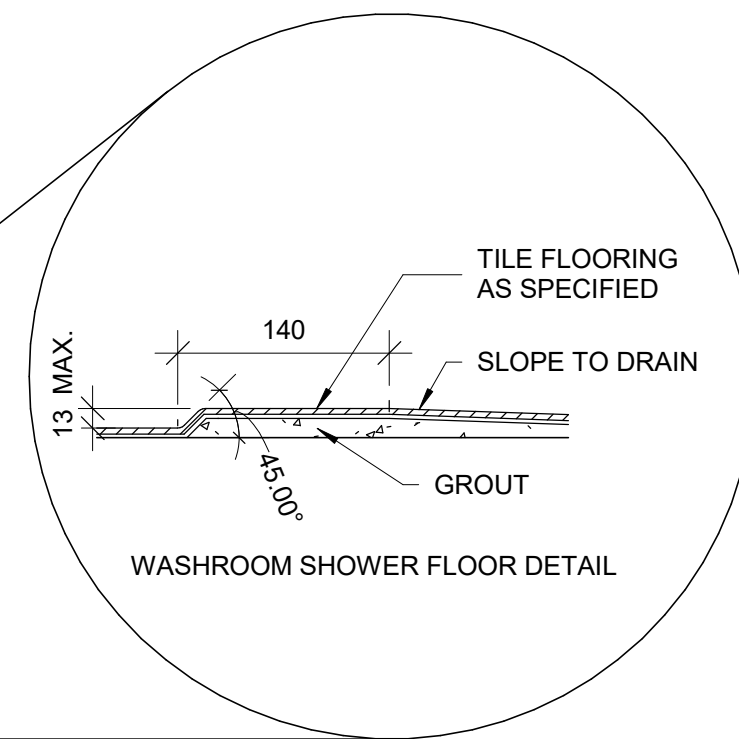
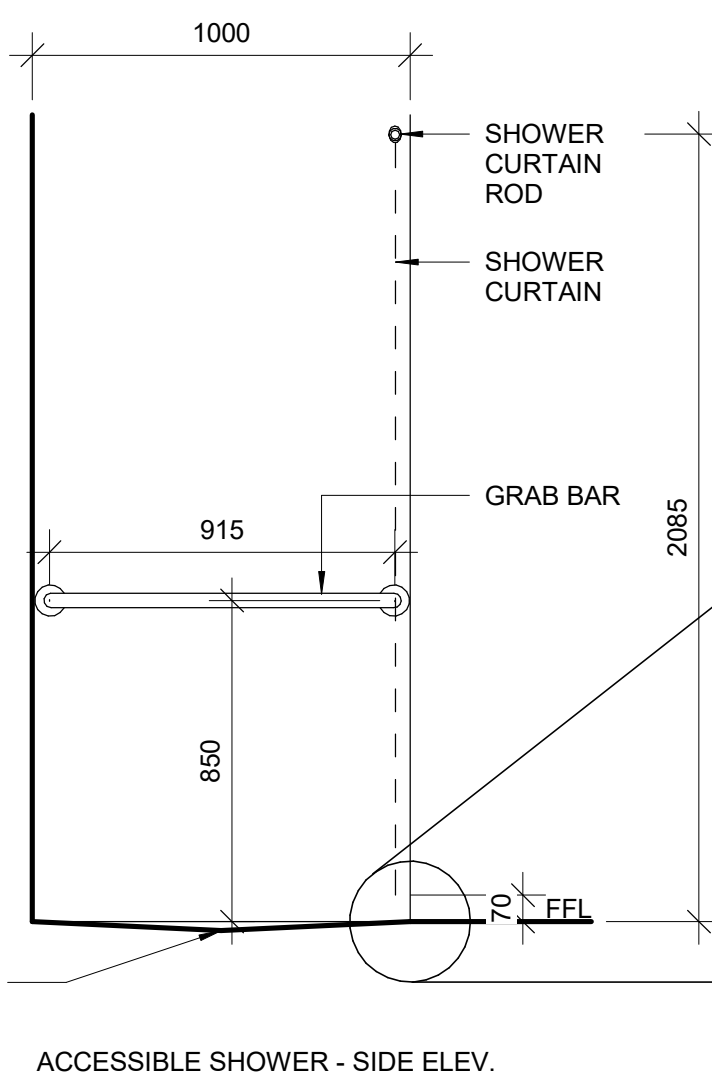
PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
E. FENUTA

SHEET TITLE
DRYWALL CUT OUT

SHEET NUMBER
D1002

ISSUE
A



6 WASHROOM/CHANGEROOM BENCH
D1201 Scale: 1 : 20



-
- Technical drawing of a wall-mounted accessible urinal. The drawing shows a side view of the urinal unit with various dimensions and labels. Key dimensions include: 50 MIN. (height of the mounting plate), 480 MIN. (total height), 380 MIN. (height of the urinal unit), 450 MAX. (width of the urinal unit), 300 MIN. (height of the mounting plate), 430 MAX. (height of the urinal unit), 275 (height of the mounting plate), 1000 (height of the mounting plate), and 480 MIN. (total height). Labels include: PRIVACY SCREEN WHEN REQUIRED, GRAB BAR, CONTROL, and FFL (Finish Floor Level). The urinal unit is labeled WALL MOUNTED ACCESSIBLE URINAL.

5 ACCESSIBLE WASHROOM - URINAL
D1201 Scale: 1 : 20

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PROJECT ADDRESS

PROJECT NO:

9119- 19- 0162 / Arcadis 30279056

DRAWN BY:

A. BOYNARIAN

CHECKED BY:

K. TILAHUN

PROJECT MGR:

F. BOLOURIAN

APPROVED BY:

E. FENUTA

SHEET TITLE

UNIVERSAL WASHROOM
ELEVATIONS

SHEET NUMBER

D1203

ISSUE

A

2025-04-11 10:38:53 AM

SCALE CHECK

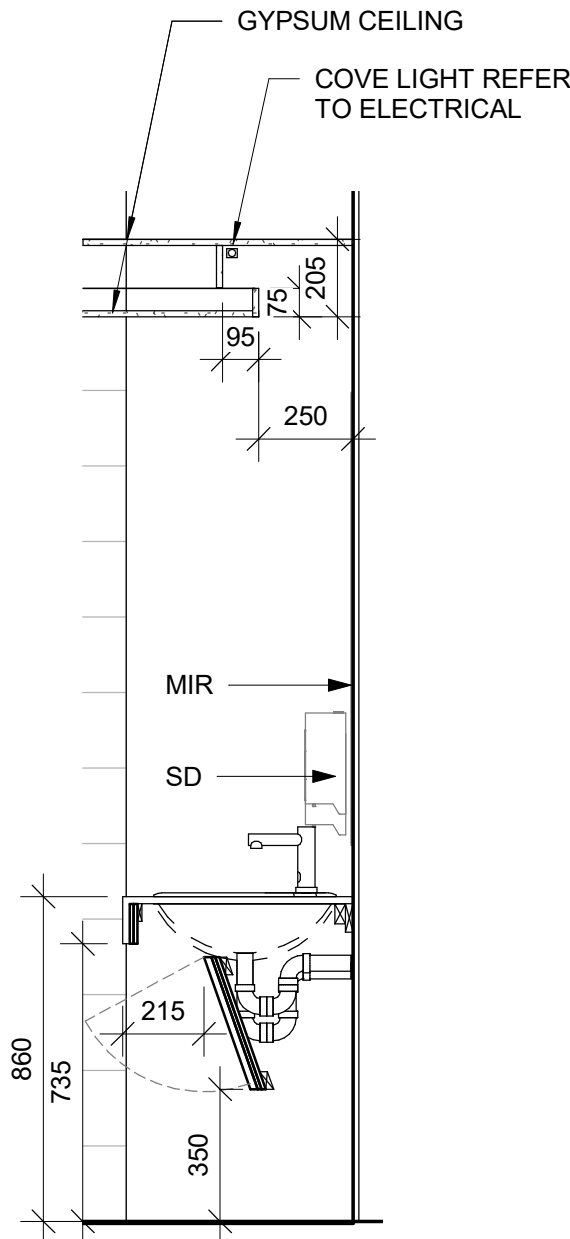
1 in

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. FENUA |

SHEET TITLE
WASHROOM VANITY
SECTION

SHEET NUMBER
D1204

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CHECKED BY:
K. TILAHUN

PROJECT MGR:
F.BOLOURIAN

APPROVED BY:
E. FENUTA

SHEET TITLE

UNIVERSAL WASHROOM
EMERGENCY CALL
SYSTEM

SHEET NUMBER

D1205

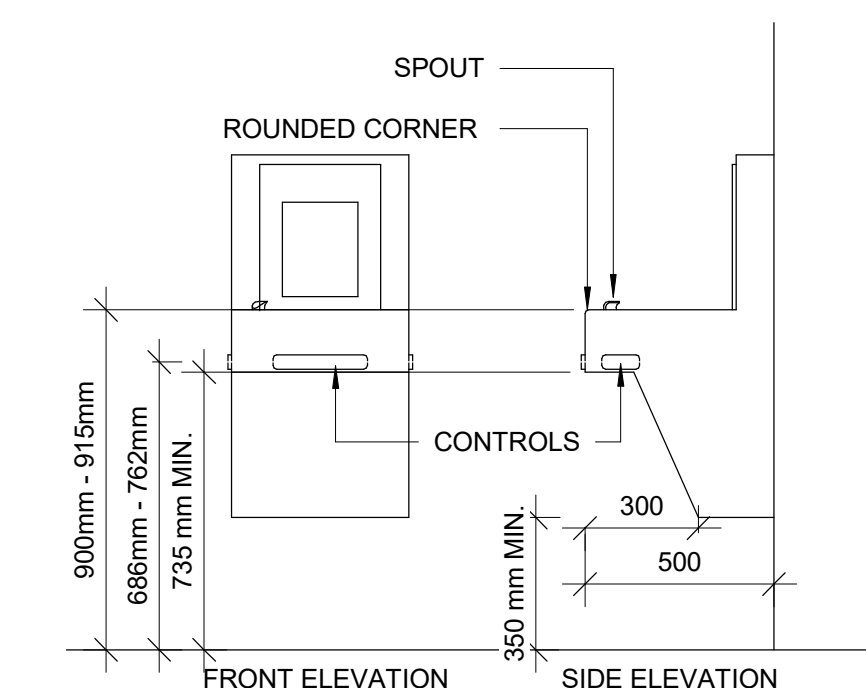
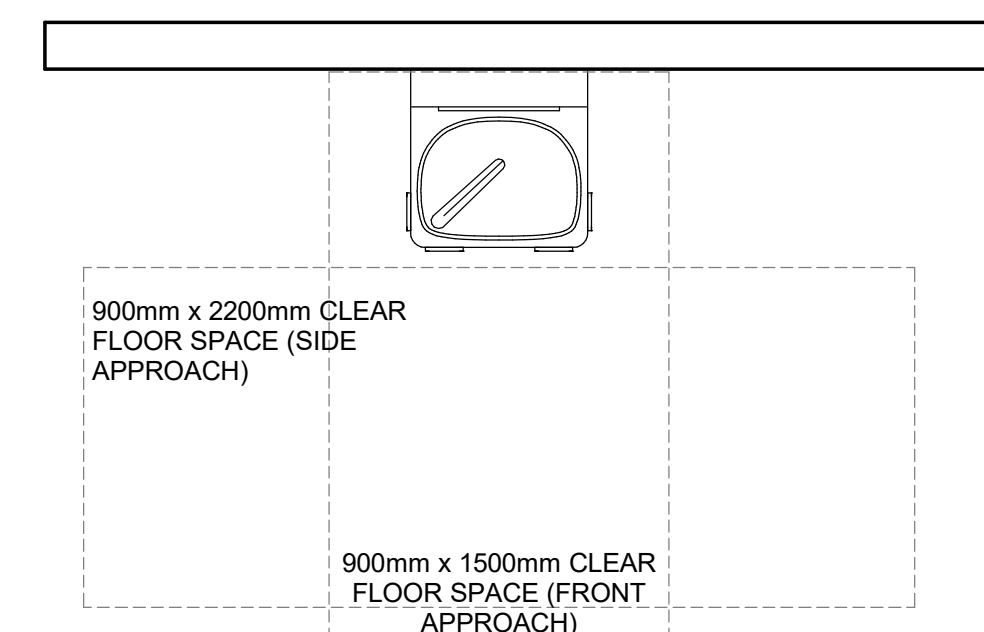
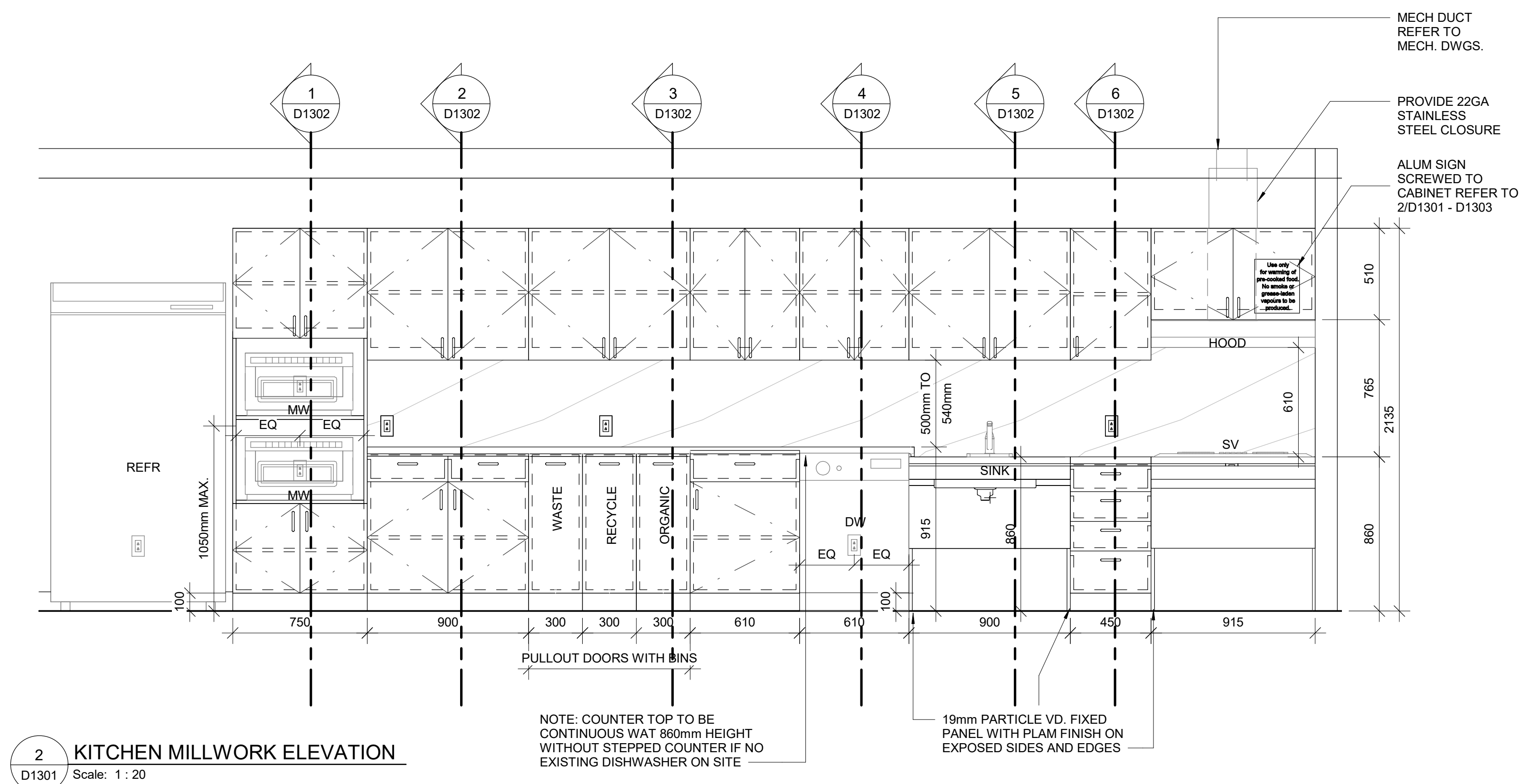
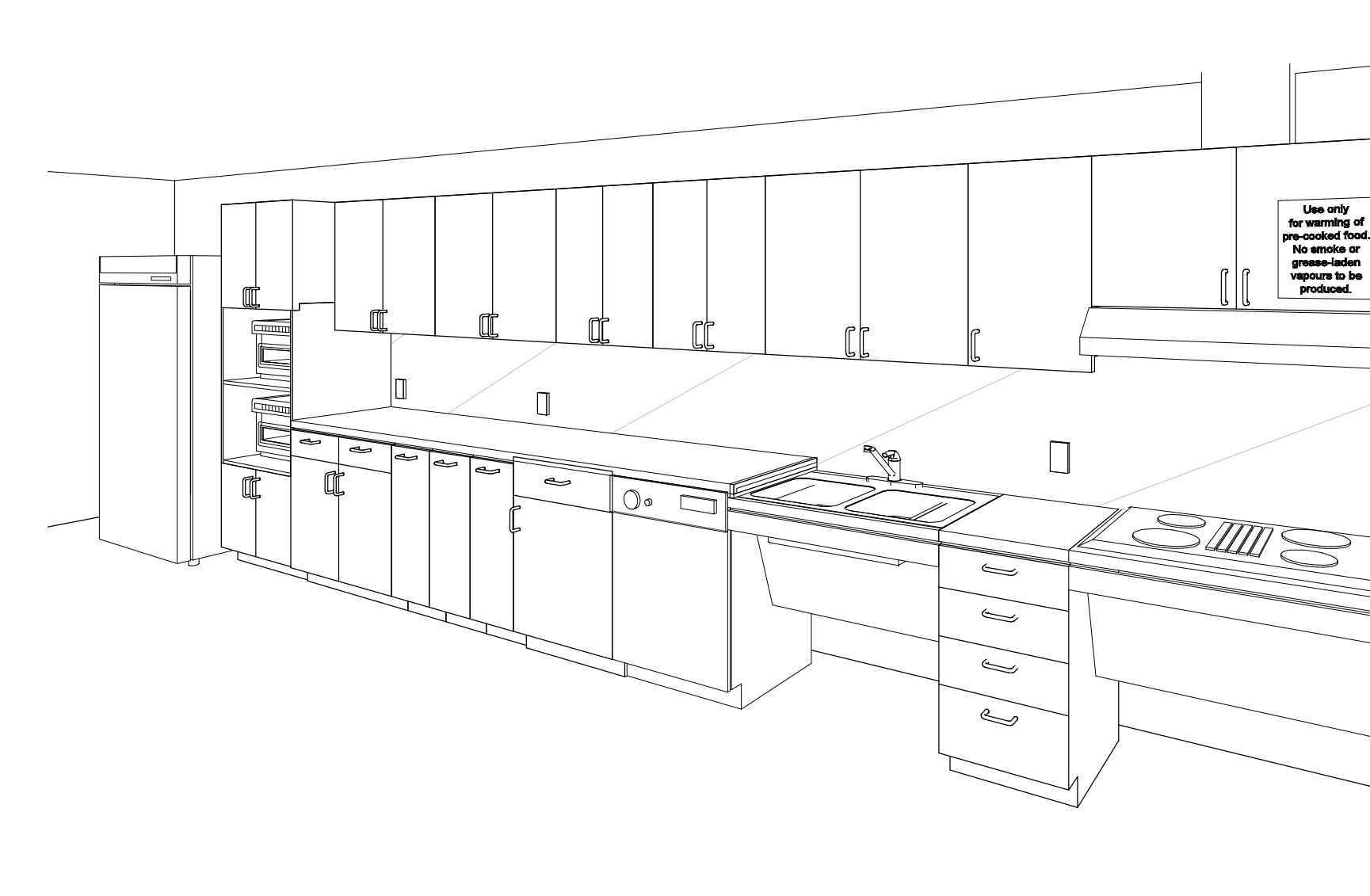
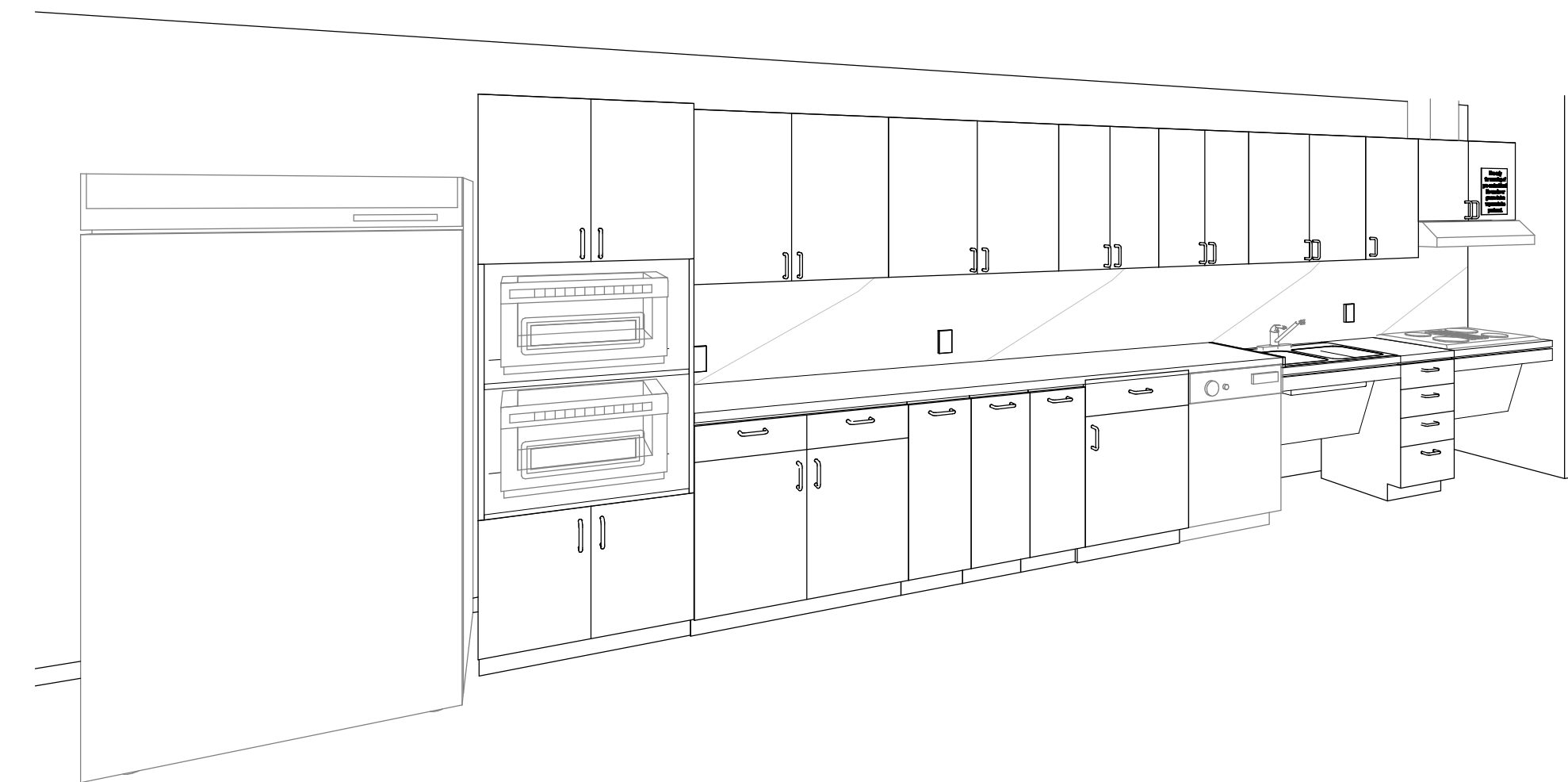
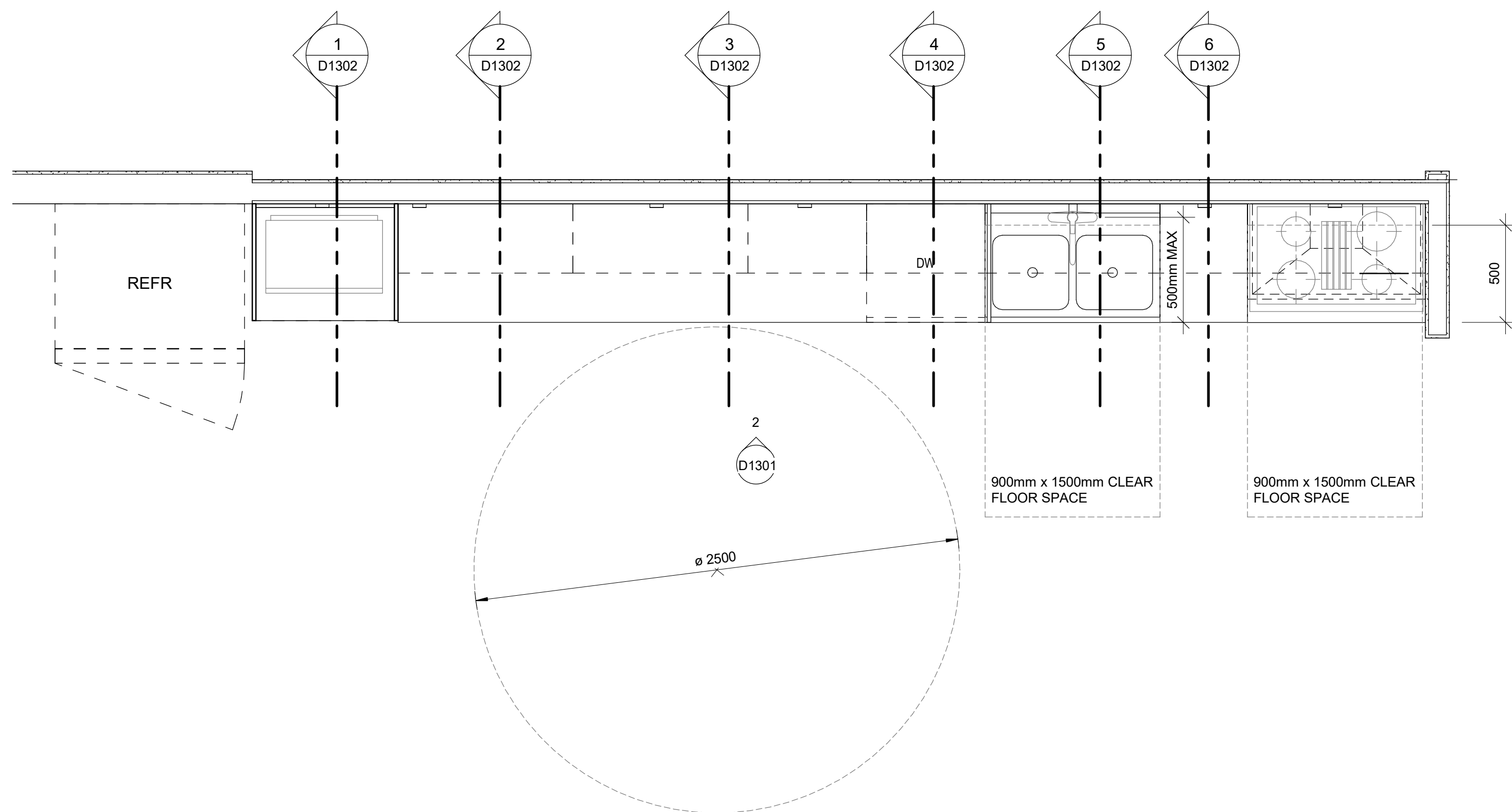
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SCALE CHECK
1 in

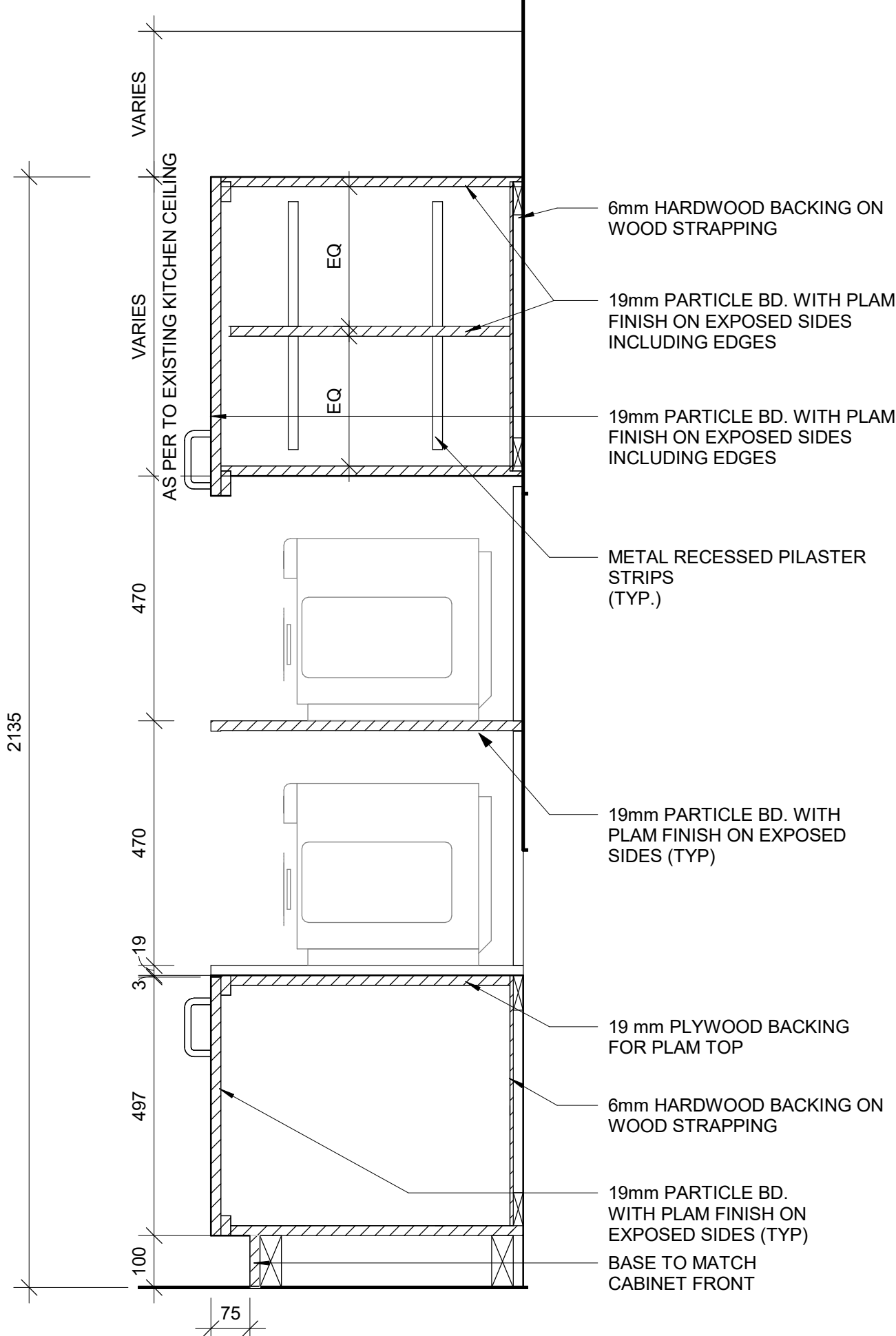
10mm



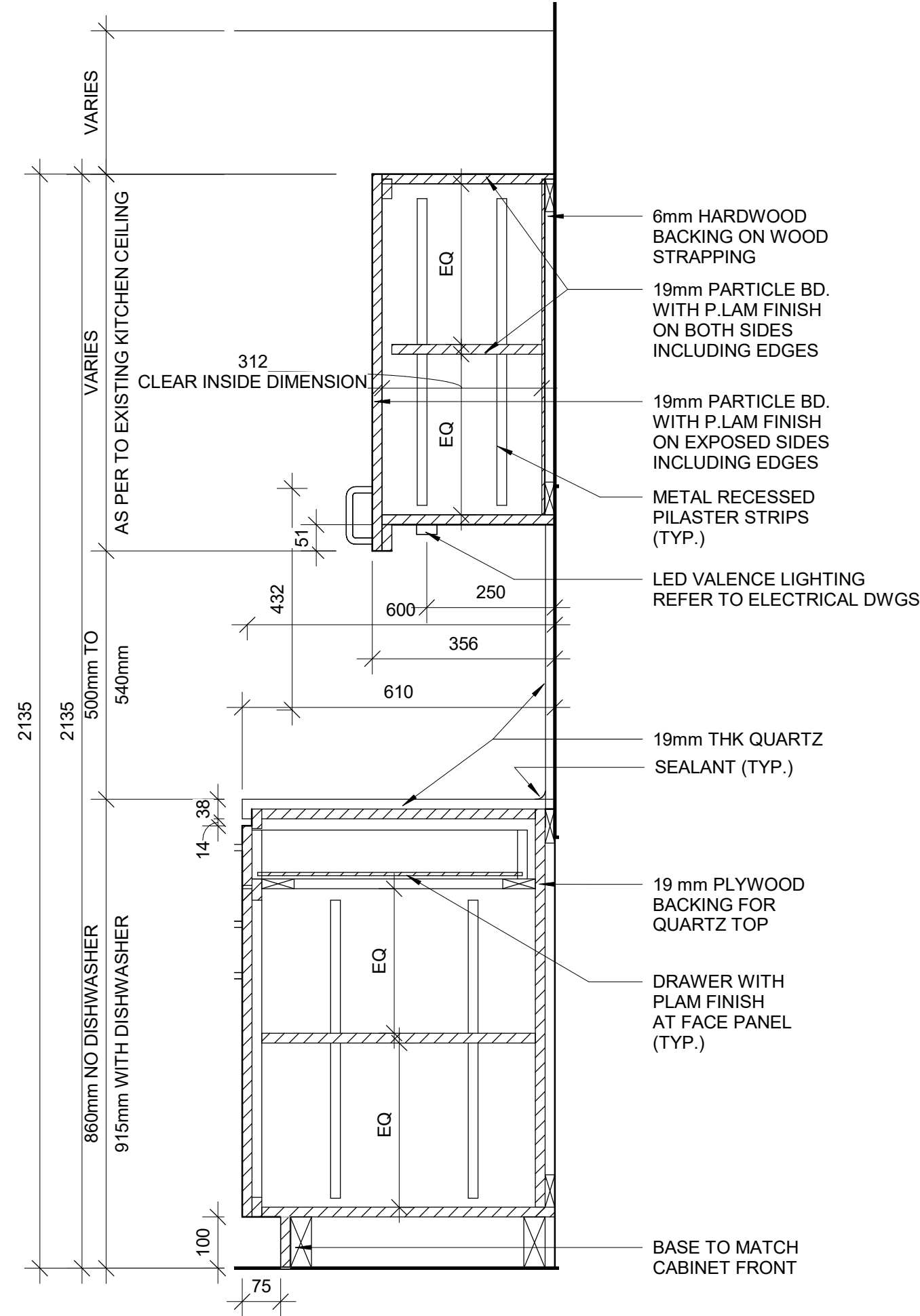
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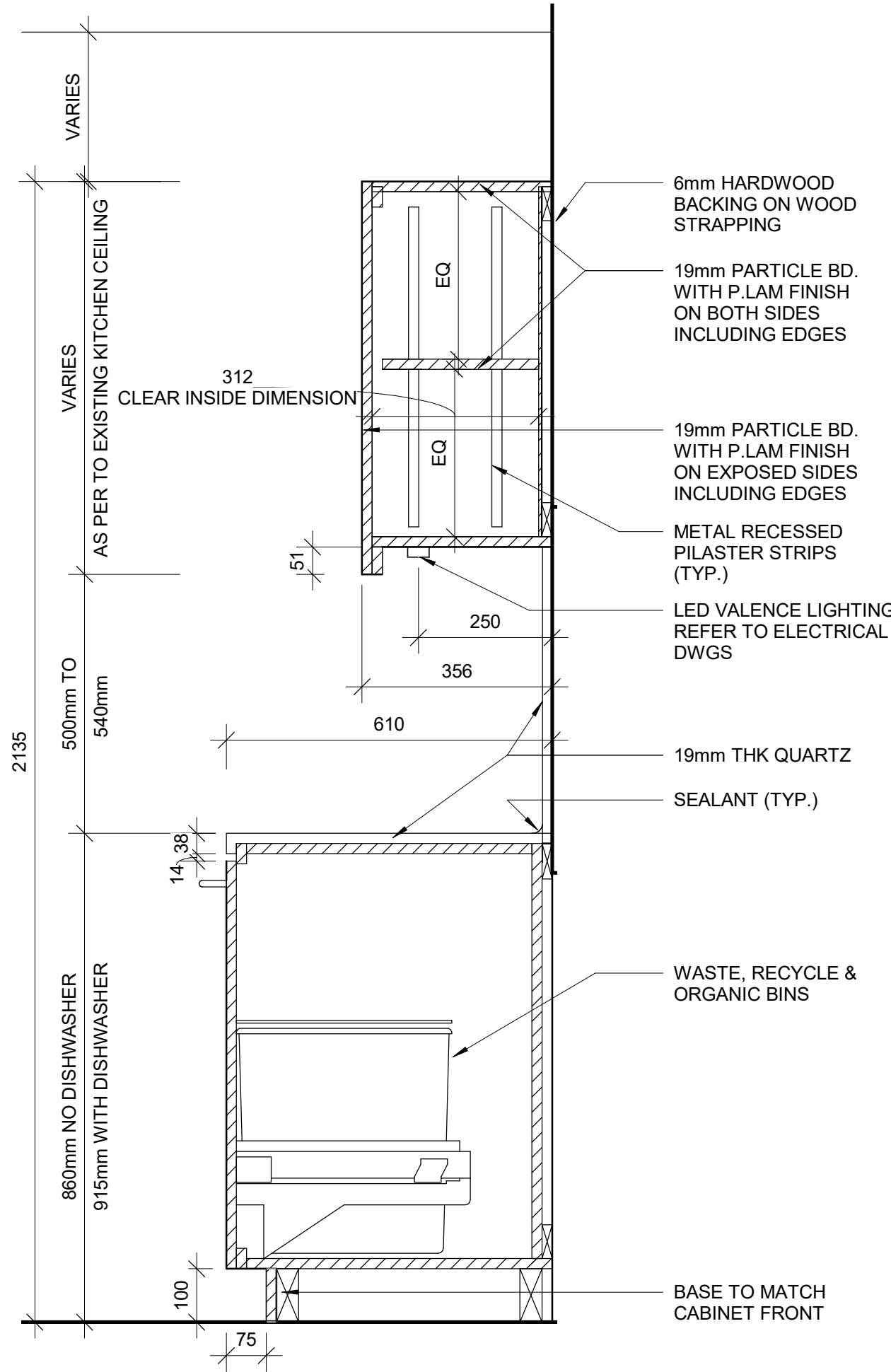
2025-04-11 10:39:53 AM



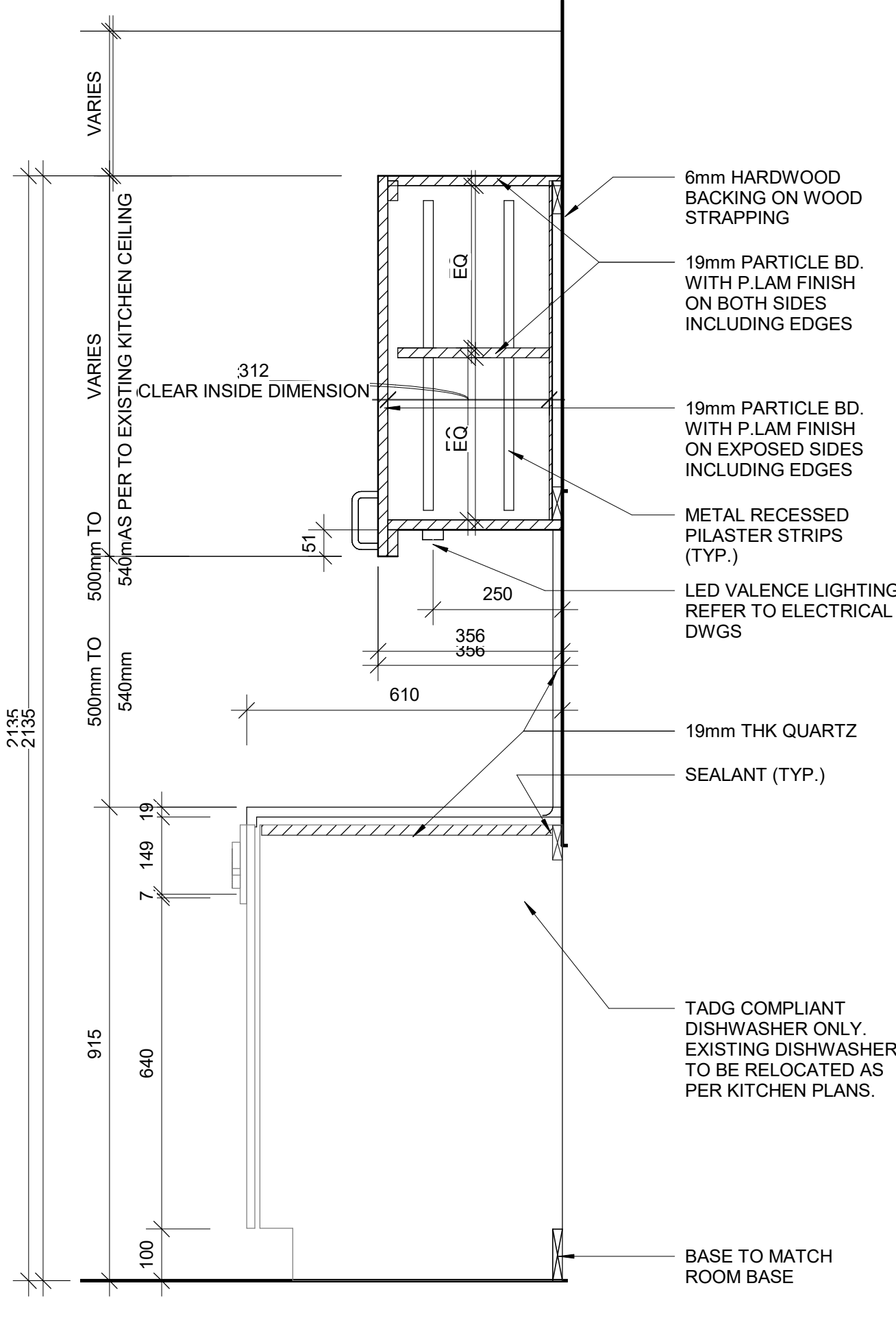
1 BASE CABINETRY- MICROWAVE STORAGE
D1302 / Scale: 1 : 10



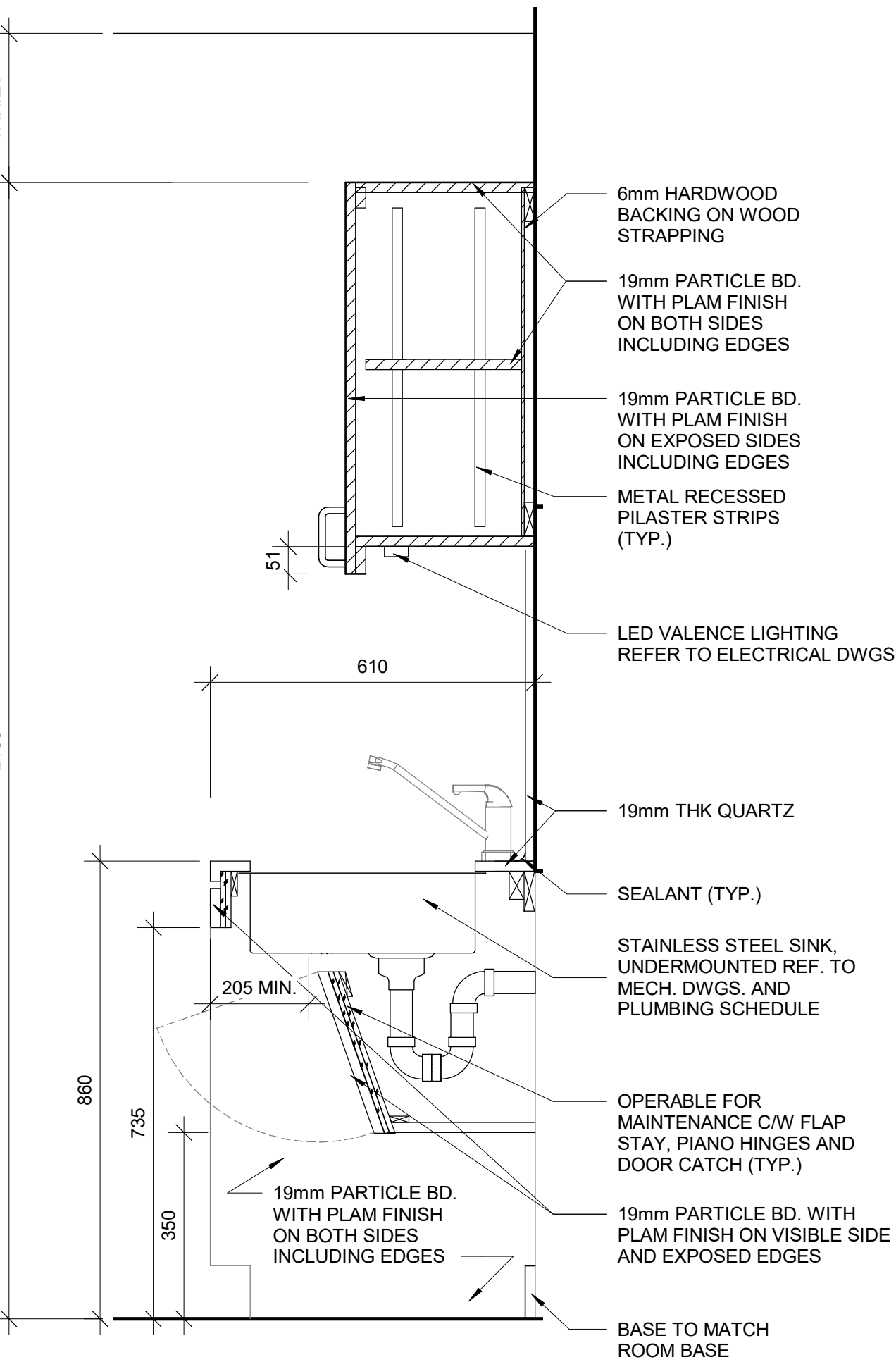
2 BASE CABINETRY WITH DRAWER
D1302 / Scale: 1 : 10



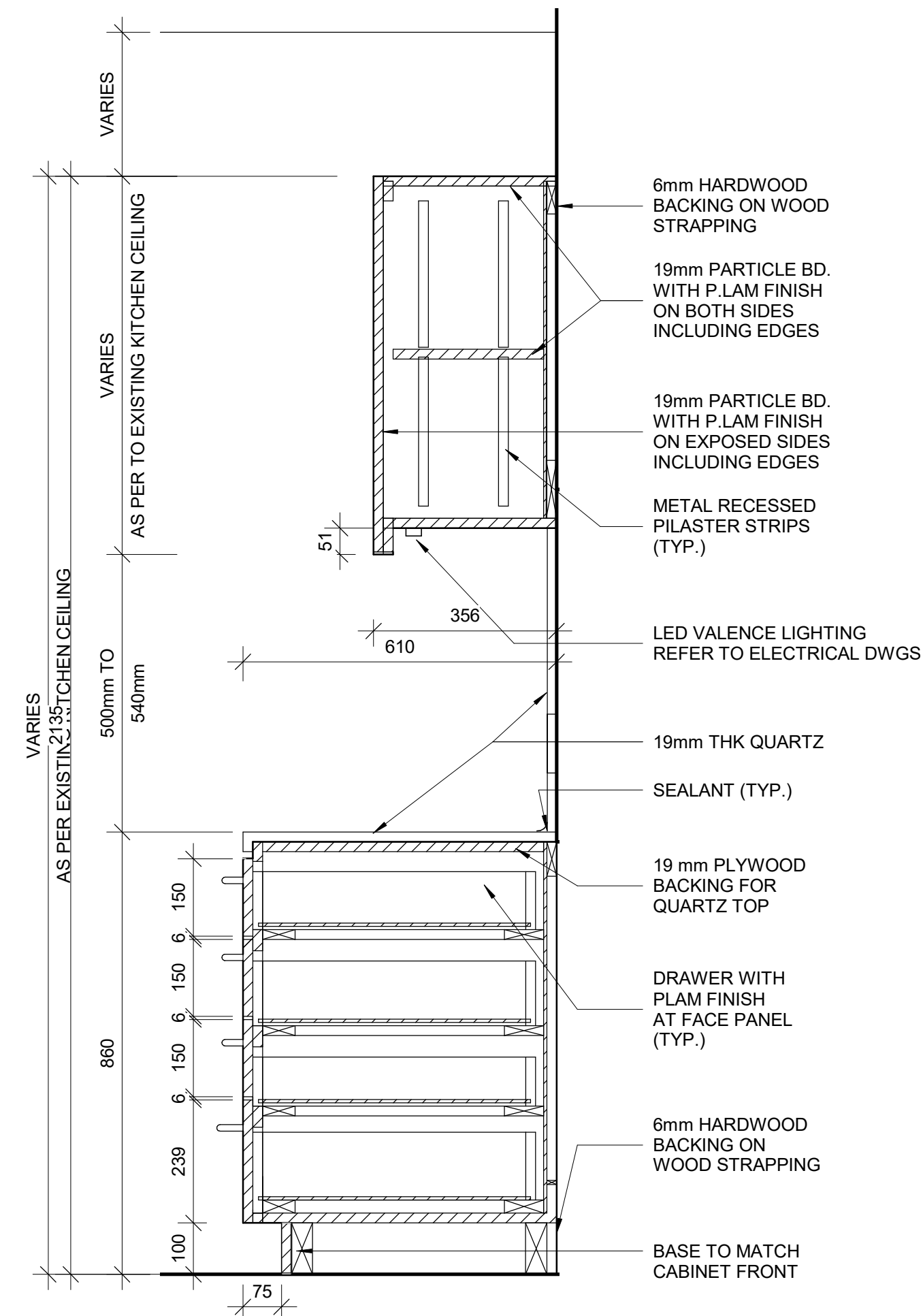
3 BASE CABINETRY WITH GARBAGE BIN
D1302 / Scale: 1 : 10



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

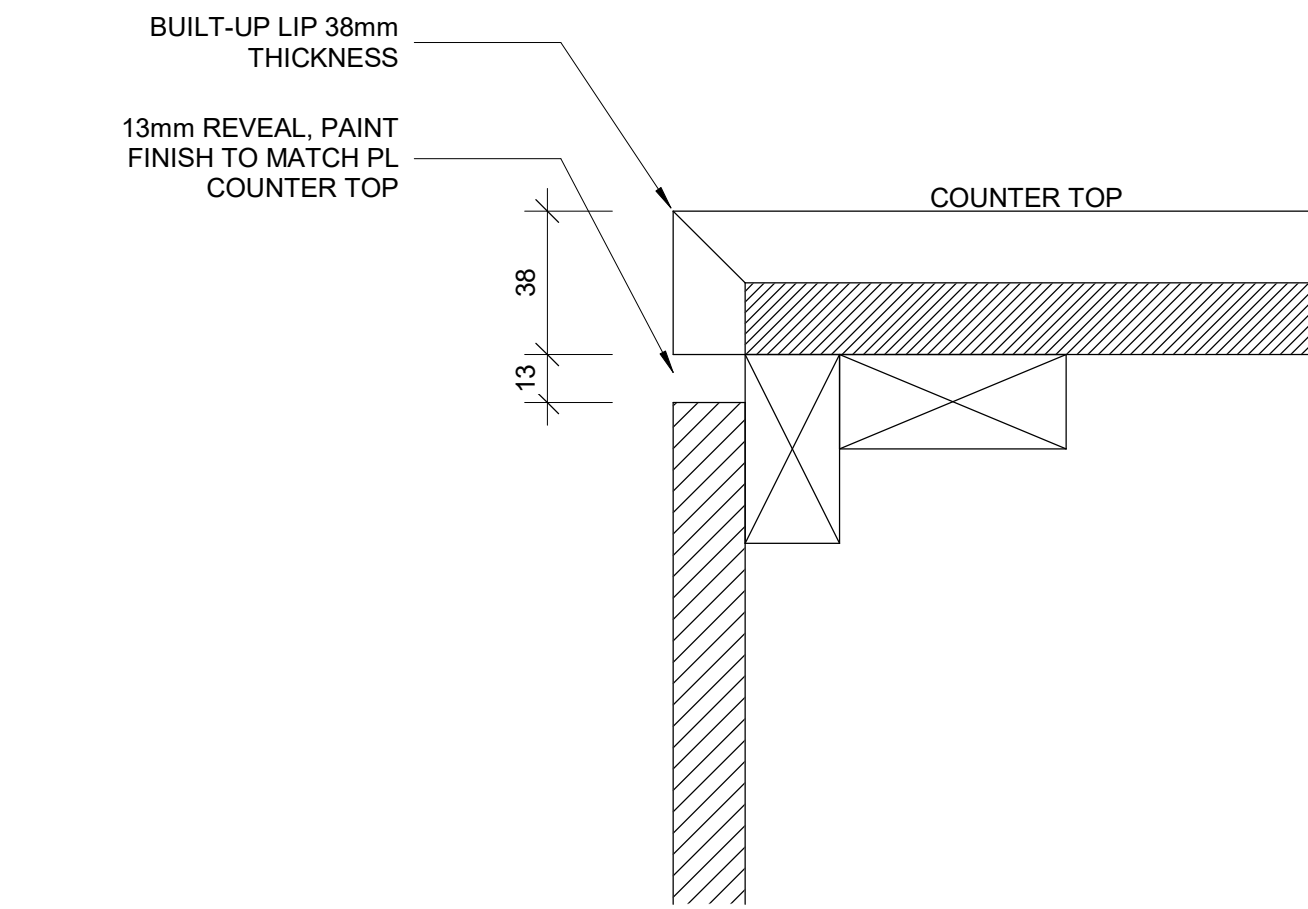


5 BASE CABINETRY WITH SINK
D1302 / Scale: 1 : 10



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 ADDRESS

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9119- 19- 0162 / Arcadis 30279056

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

SHEET TITLE

KITCHEN MILLWORK
DETAIL SECTIONS

| | |
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| SHEET NUMBER | ISSUE |
| D1302 | A |

SCALE CHECK
1/16"

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SHEET TITLE

KITCHEN HOOD VENT
DETAIL

| | |
|--------------|-------|
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| D1303 | A |

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PROJECT ADDRESS

PROJECT NO:

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DRAWN BY:

A. BOYNARIAN

CHECKED BY:

K. TILAHUN

PROJECT MGR:

F. BOLOURIAN

APPROVED BY:

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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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DRAWN BY:

A. BOYNARIAN

CHECKED BY:

K. TILAHUN

PROJECT MGR:

F. BOLOURIAN

APPROVED BY:

E. FENUTA

SHEET TITLE

RECEPTION DESK WITH
TEMPERED GLASS
DETAIL SECTIONS

SHEET NUMBER

D1306

ISSUE

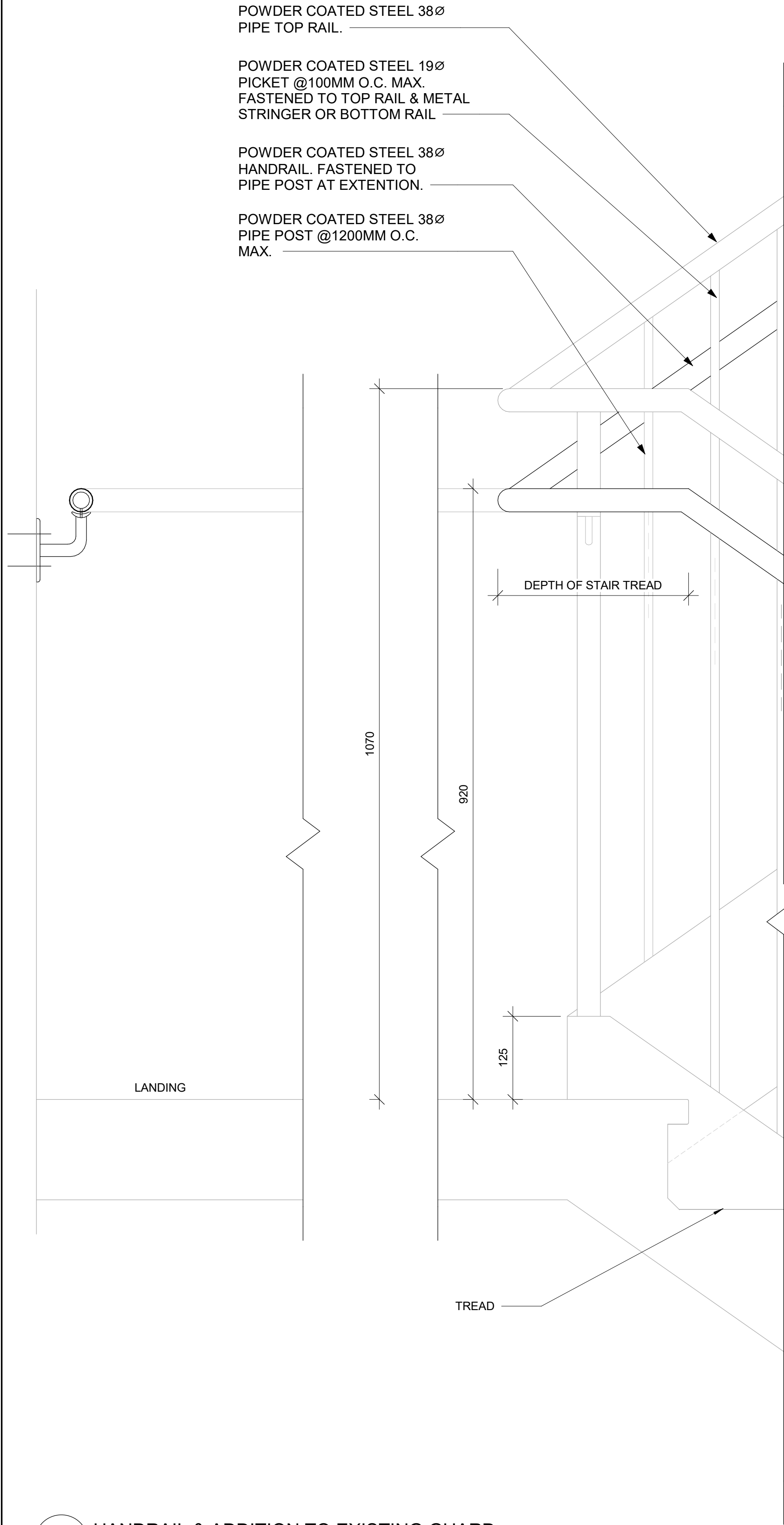
A

SCALE CHECK

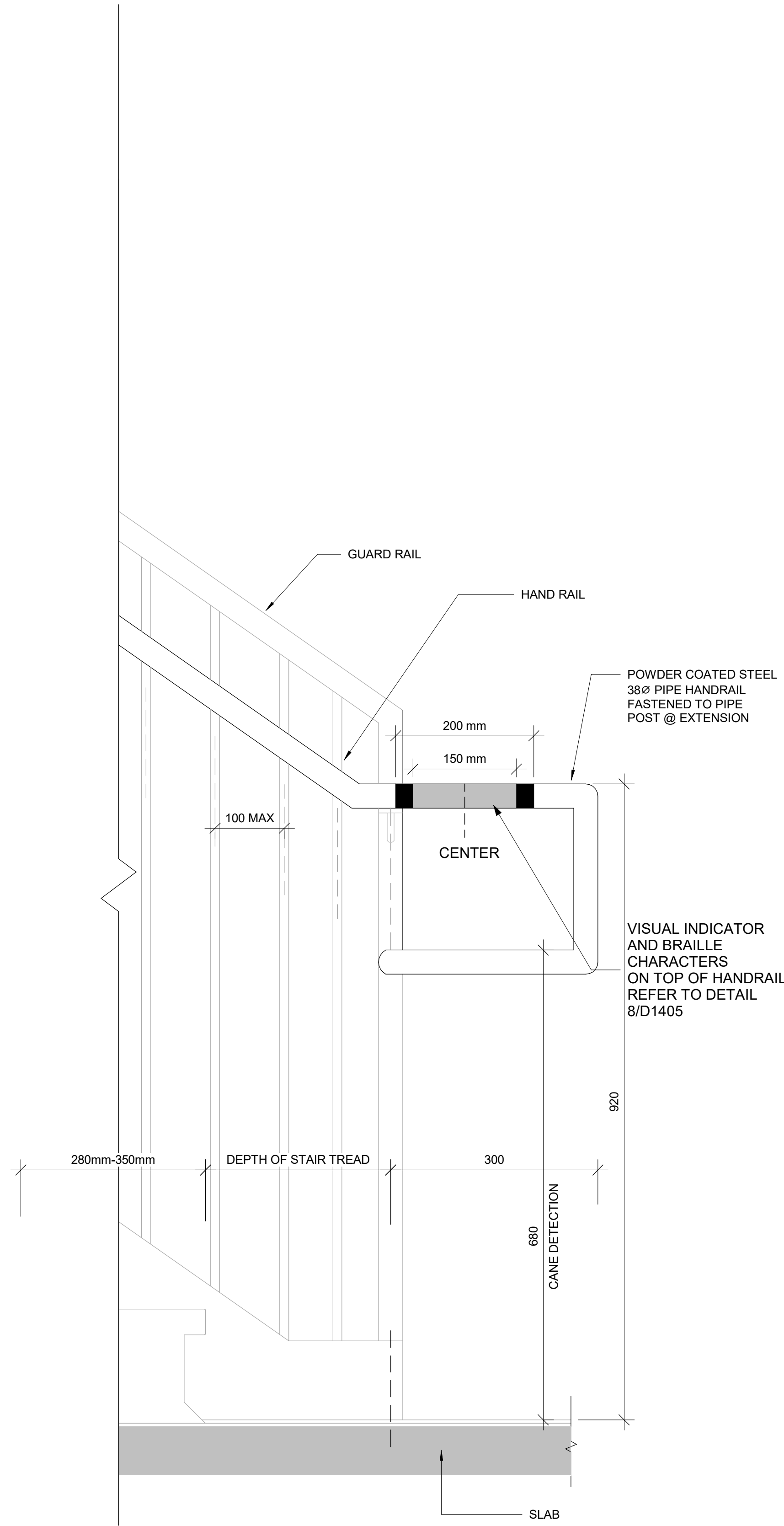
1 in

10mm

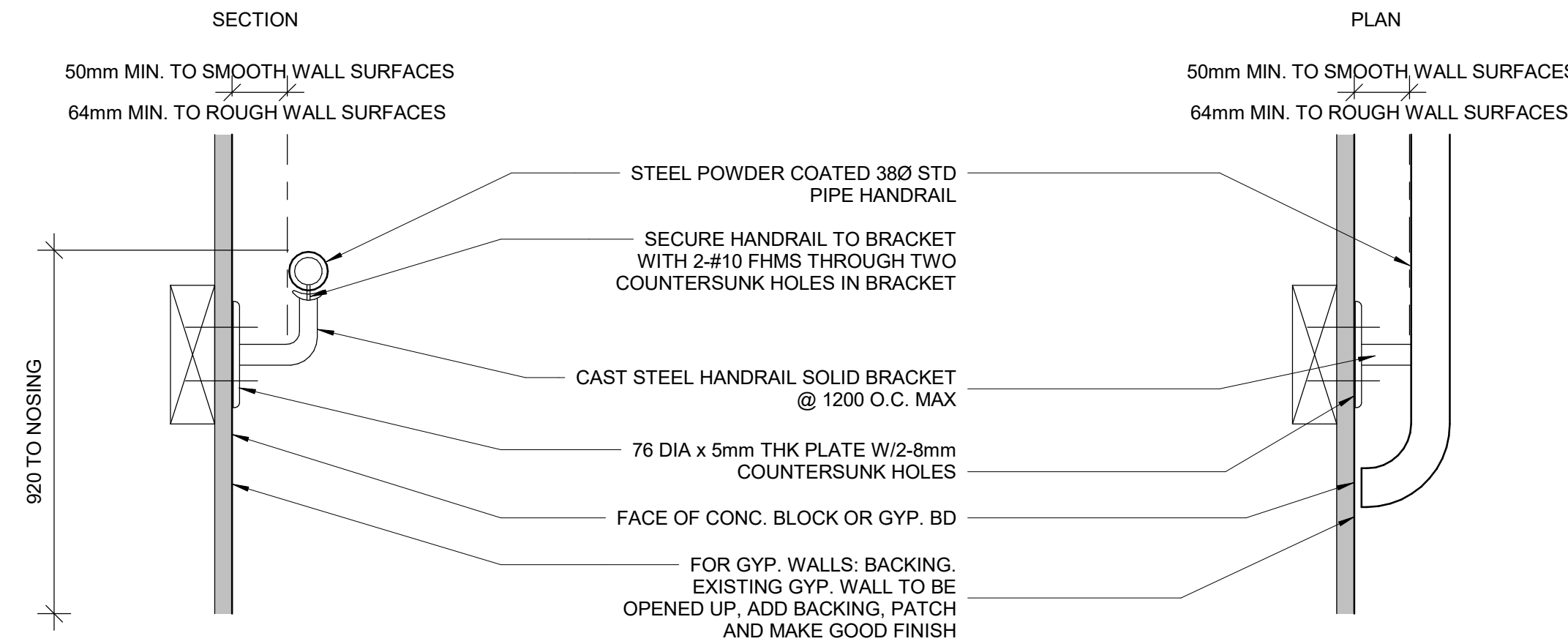
2025-04-11 10:38:53 AM



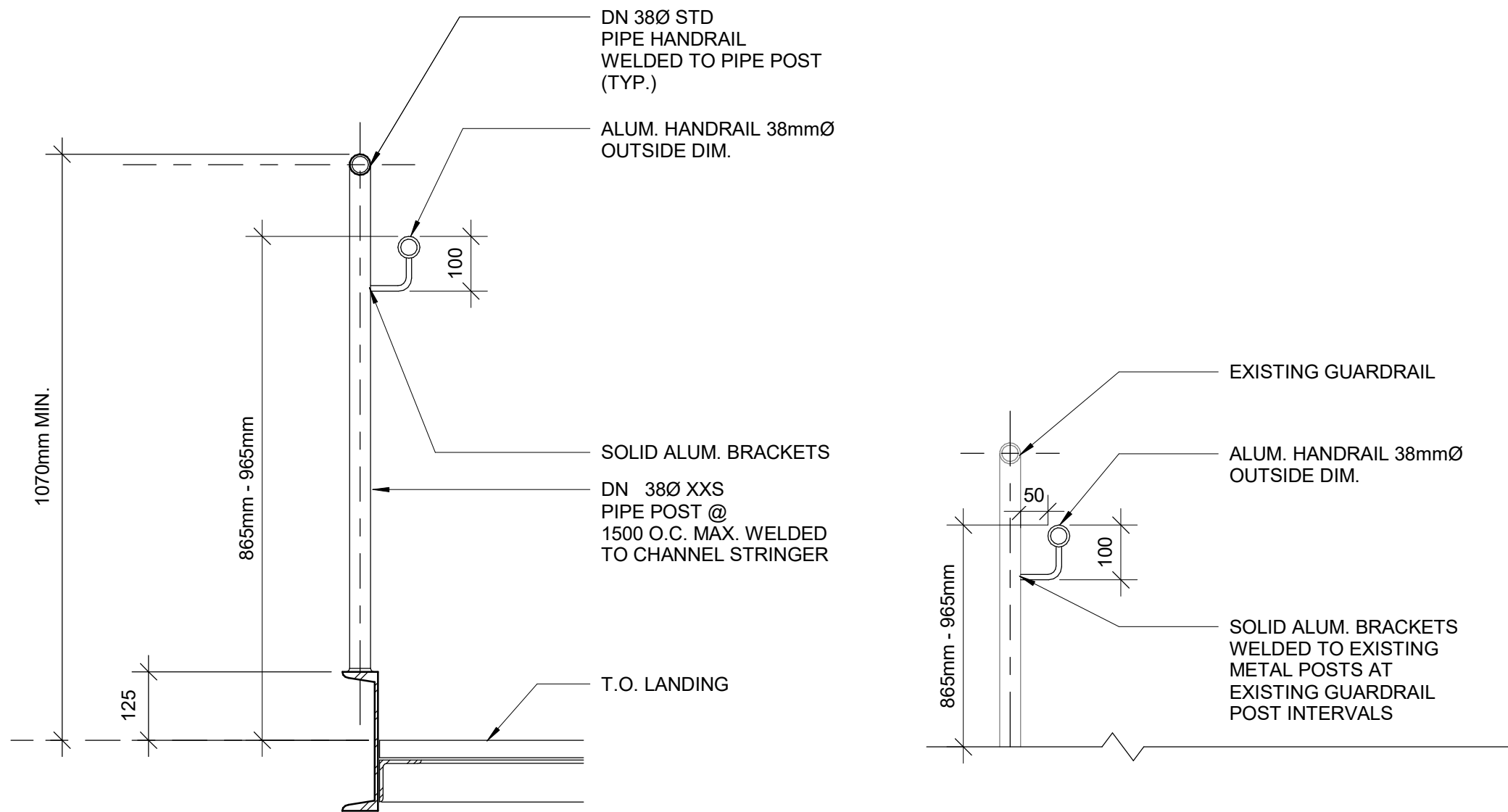
3 HANDRAIL & ADDITION TO EXISTING GUARD
D1401 Scale: 1 : 5



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

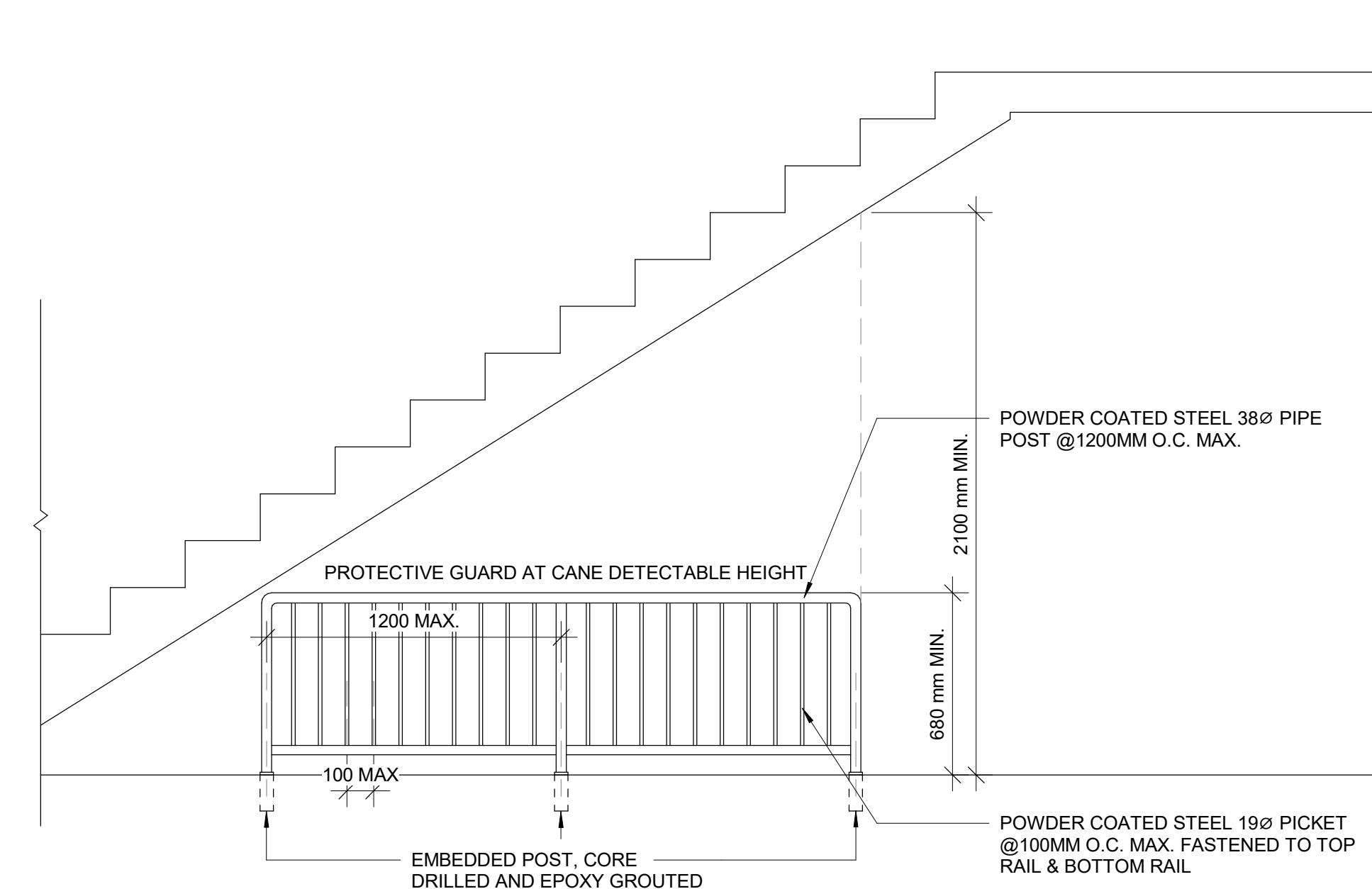


1 STAIR HANDRAIL DETAIL WITH WALL REINFORCEMENT
D1401 Scale: 1 : 5



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

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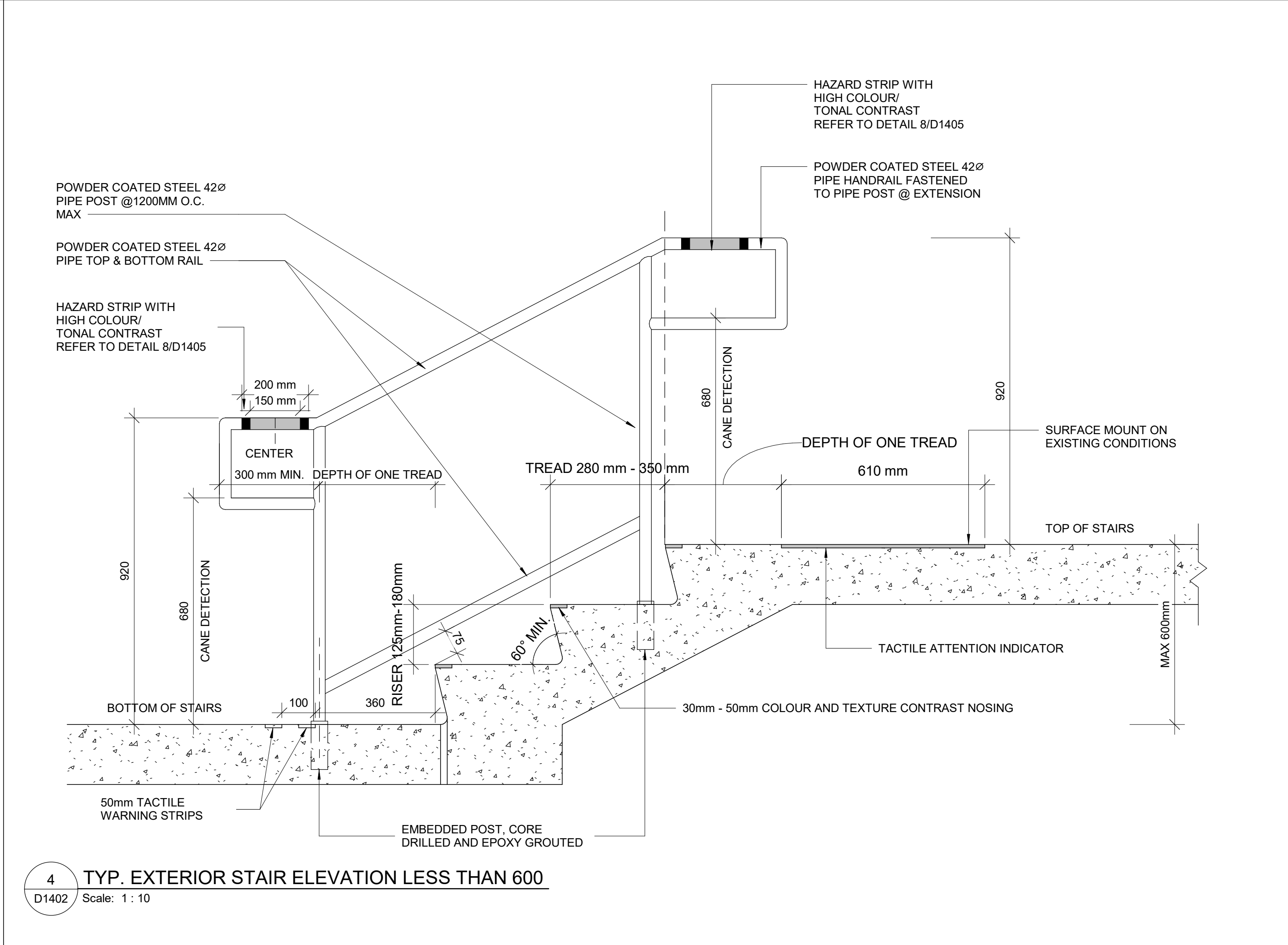
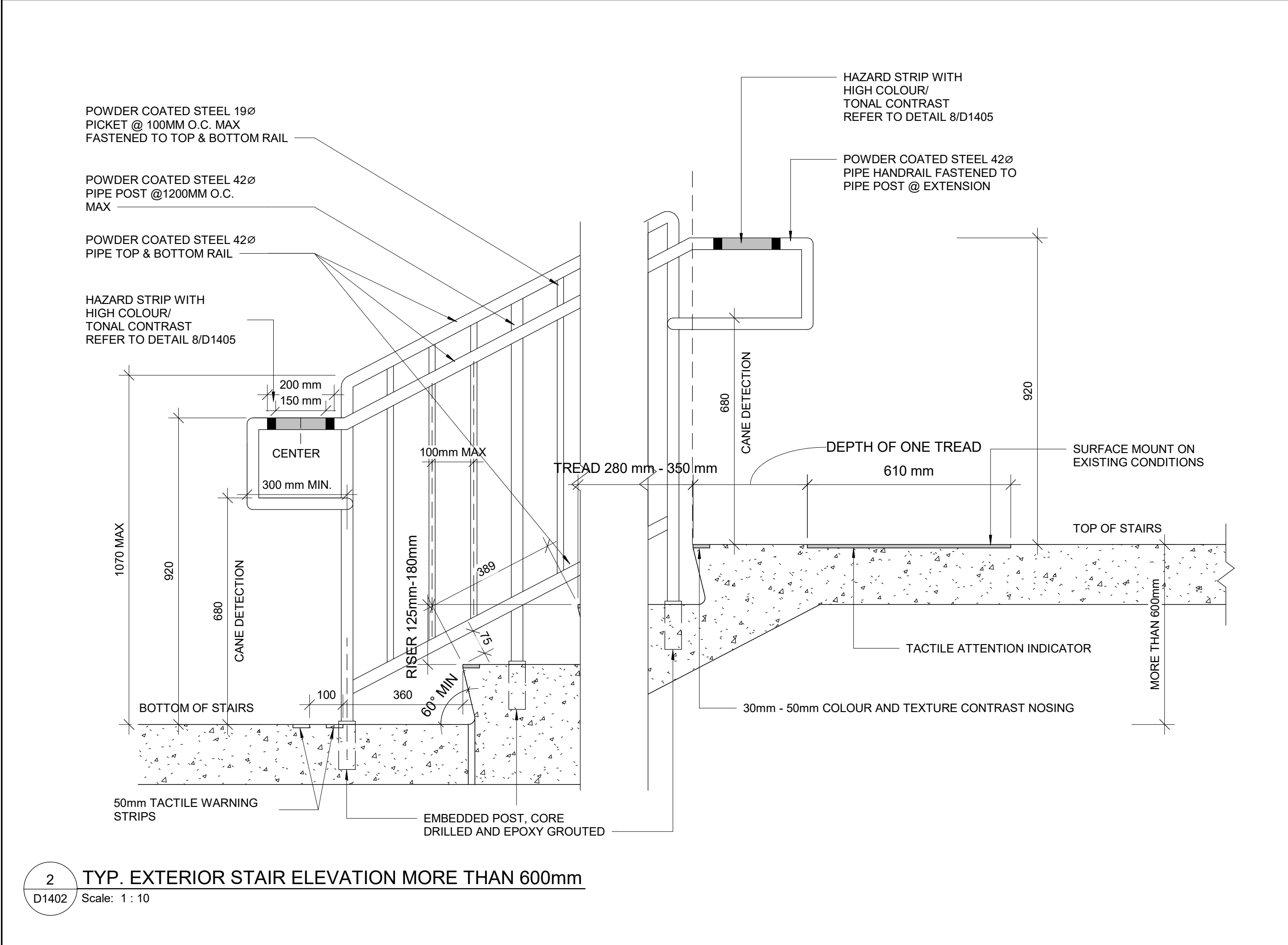
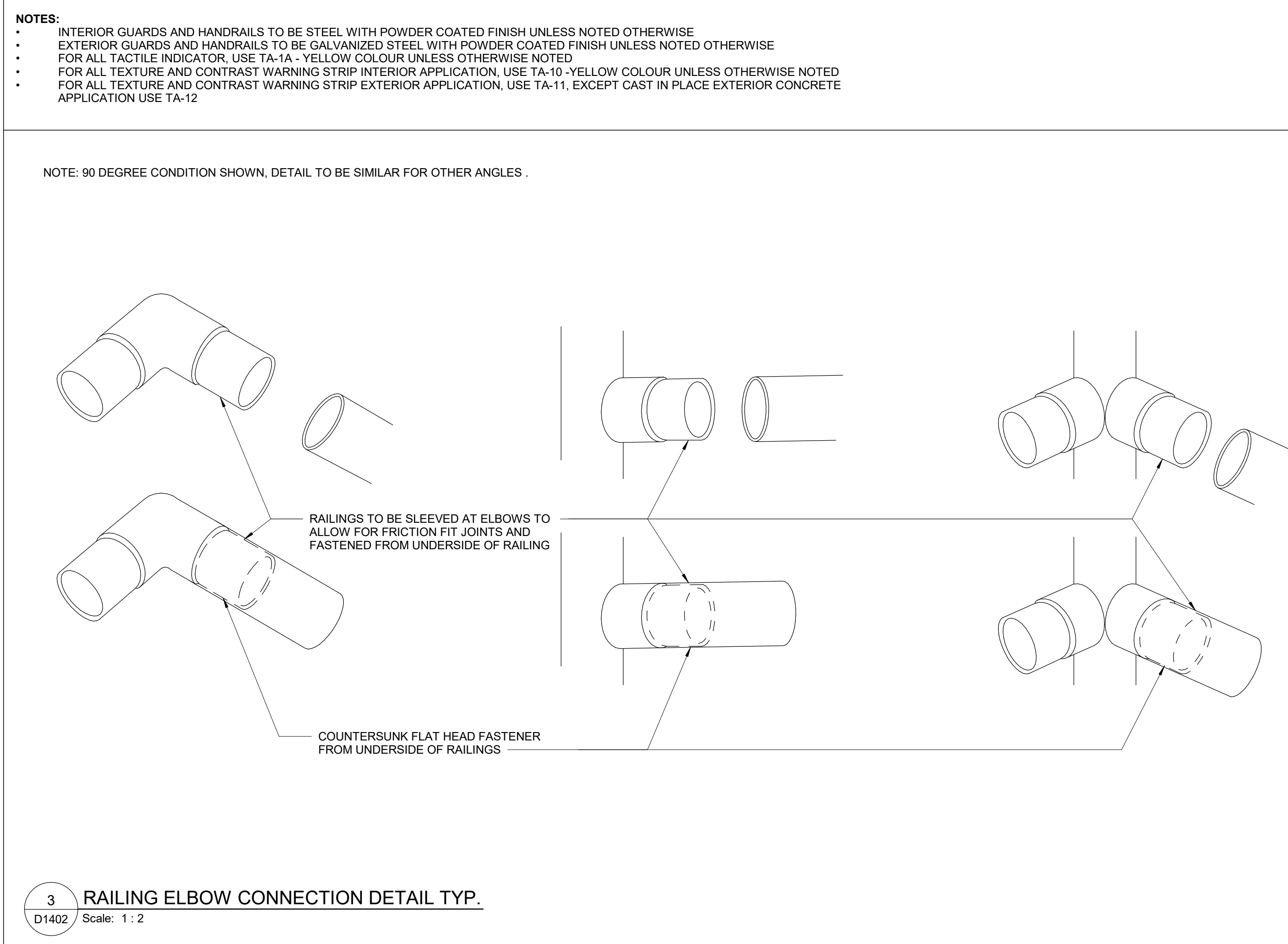
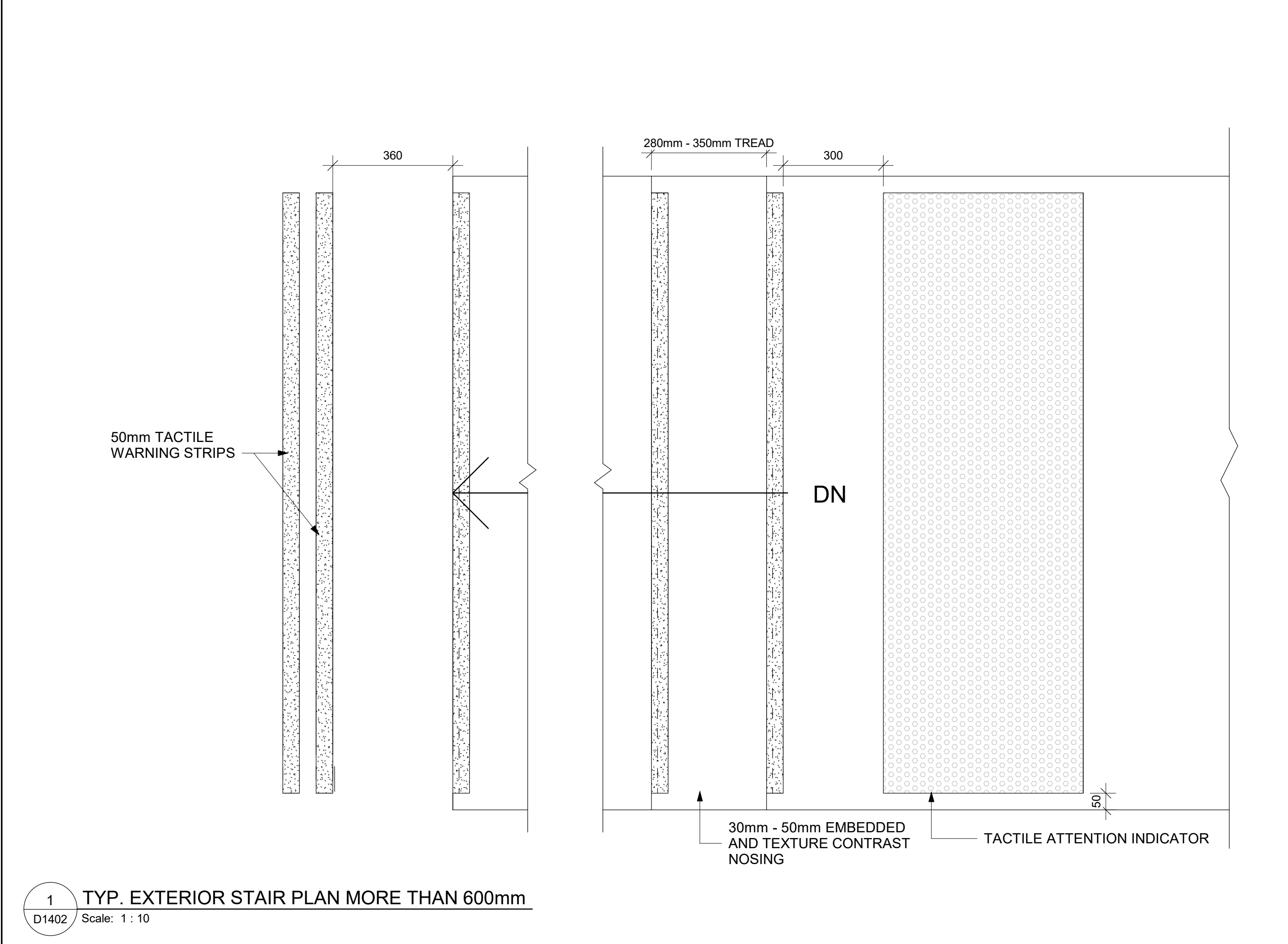
PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

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

SHEET TITLE
STAIR DETAILS - 01

SHEET NUMBER
D1401
ISSUE
A



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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 |

- 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

CLIENT

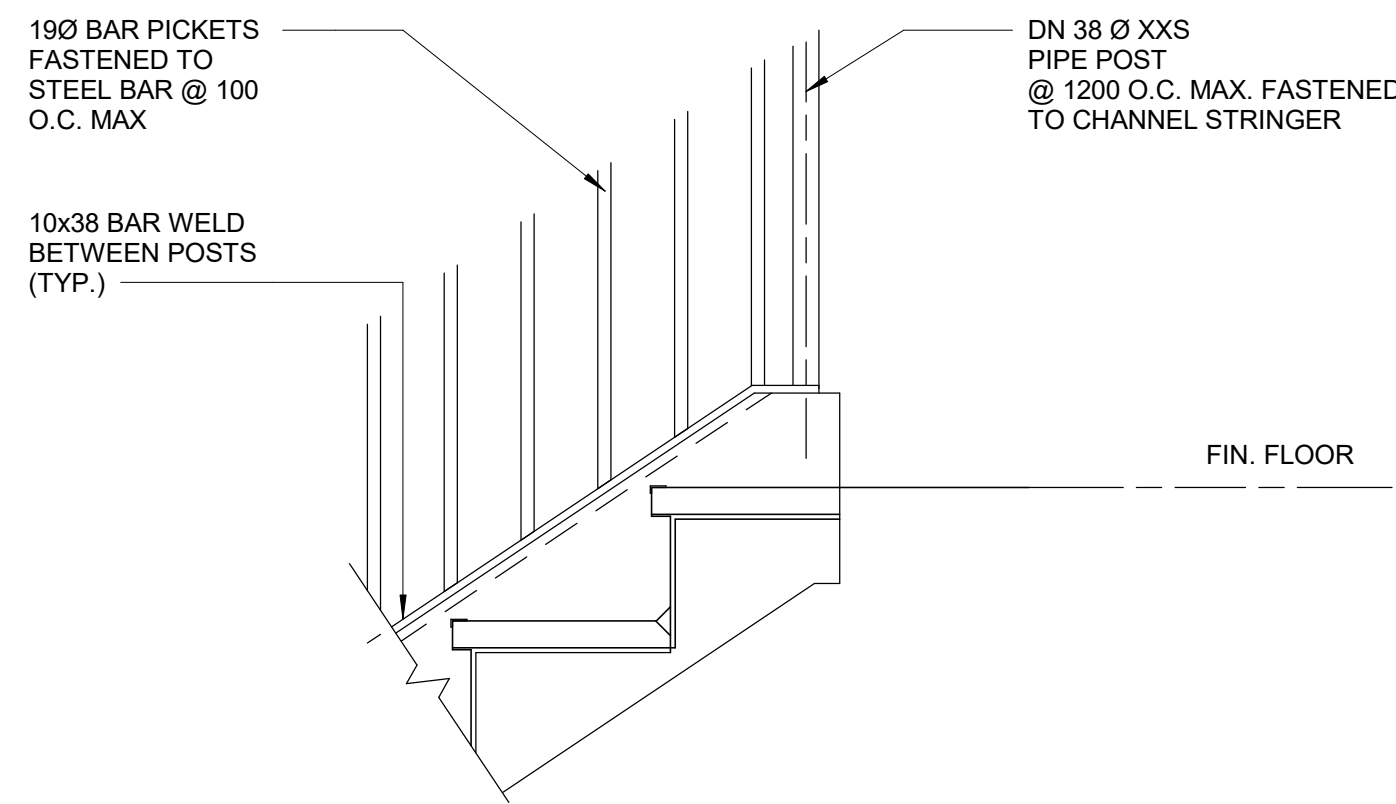
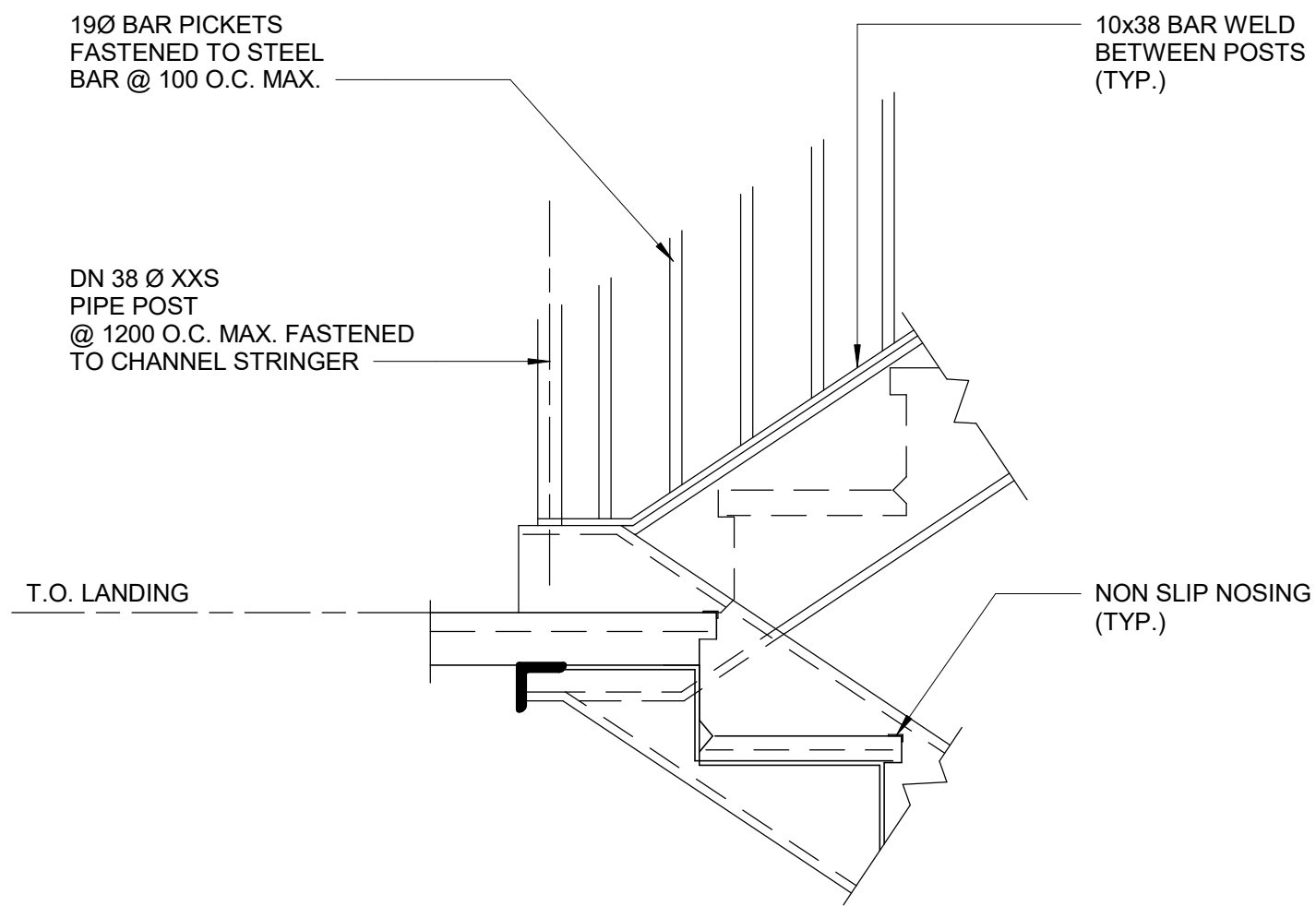
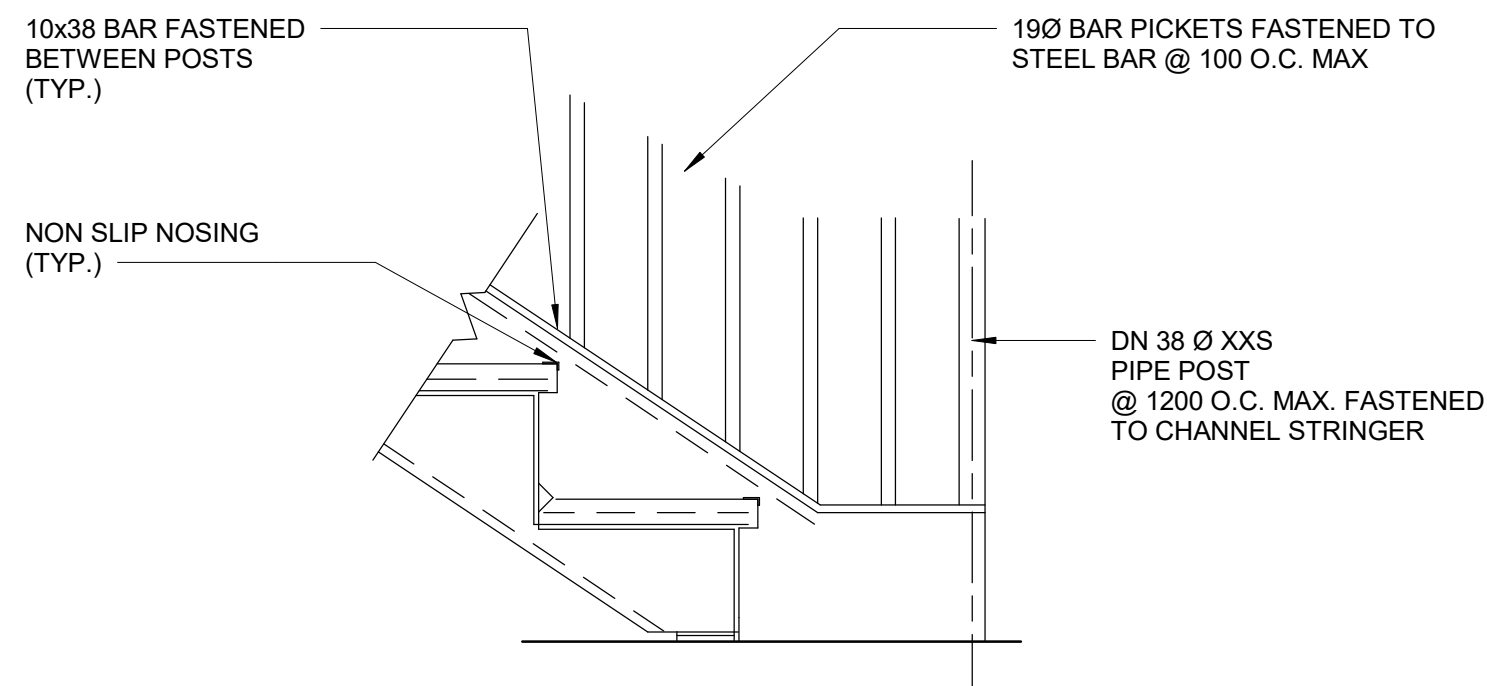
CITY OF TORONTO


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

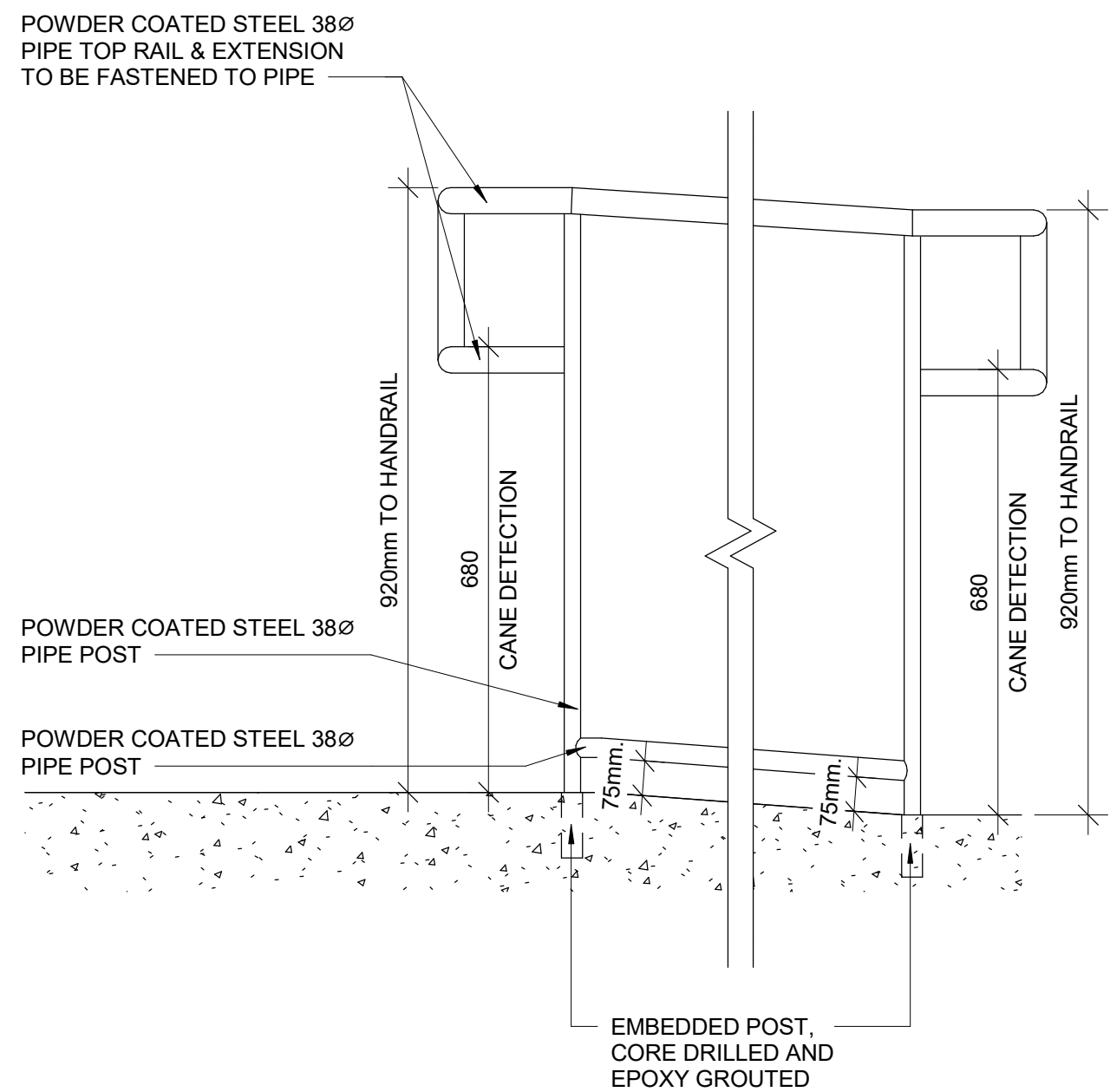
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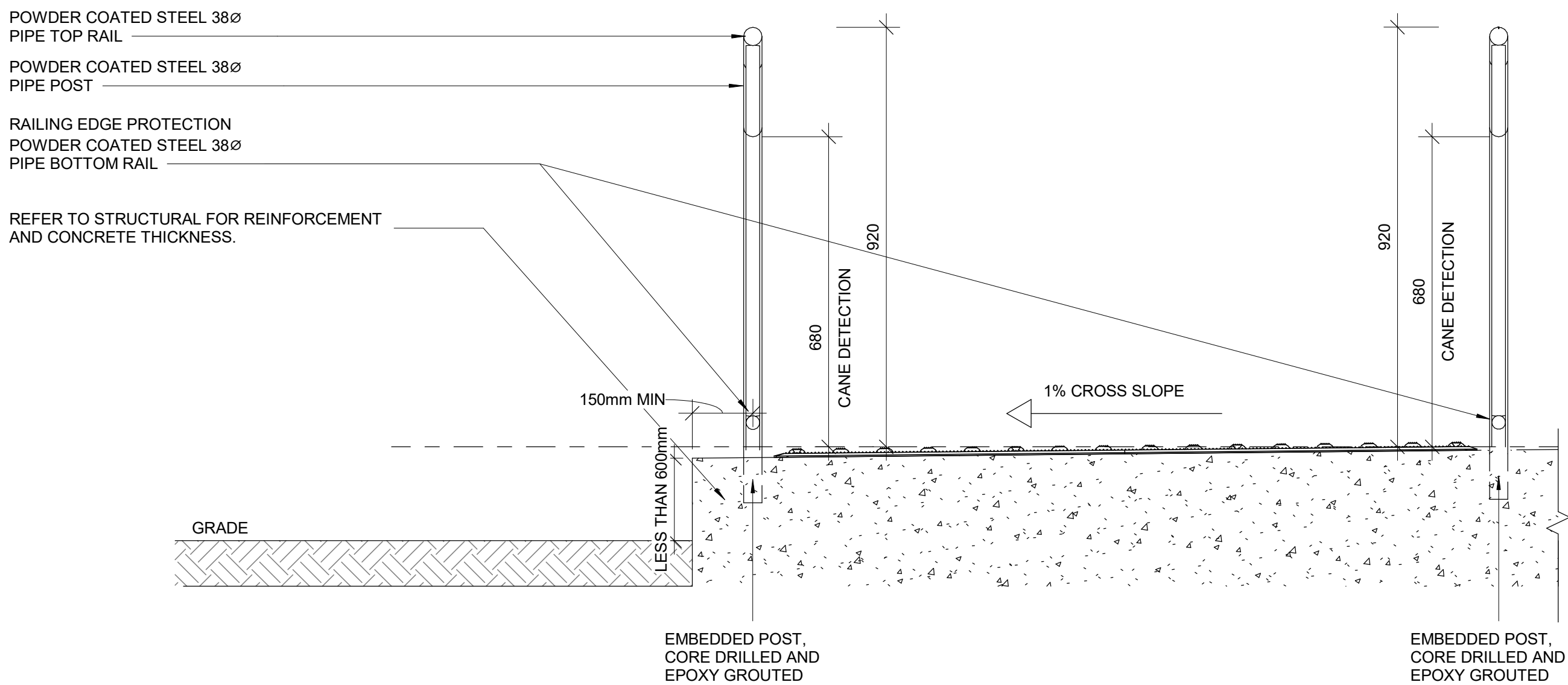
| ISSUES | | |
|--------|-------------------|------------|
| No. | DESCRIPTION | DATE |
| A | ISSUED FOR TENDER | 2025-04-11 |



1 TYP. GUARDRAIL CONNECTION DETAIL AT STEEL STRINGER
D1403 Scale: 1 : 10



2 ELEVATION OF GUARDRAIL FOR RAMP AT GRADE DIFFERENCE LESS THAN 600 MM
D1403 Scale: 1 : 10



3 SECTION OF GUARDRAIL FOR RAMP AT GRADE DIFFERENCE LESS THAN 600 MM
D1403 Scale: 1 : 10

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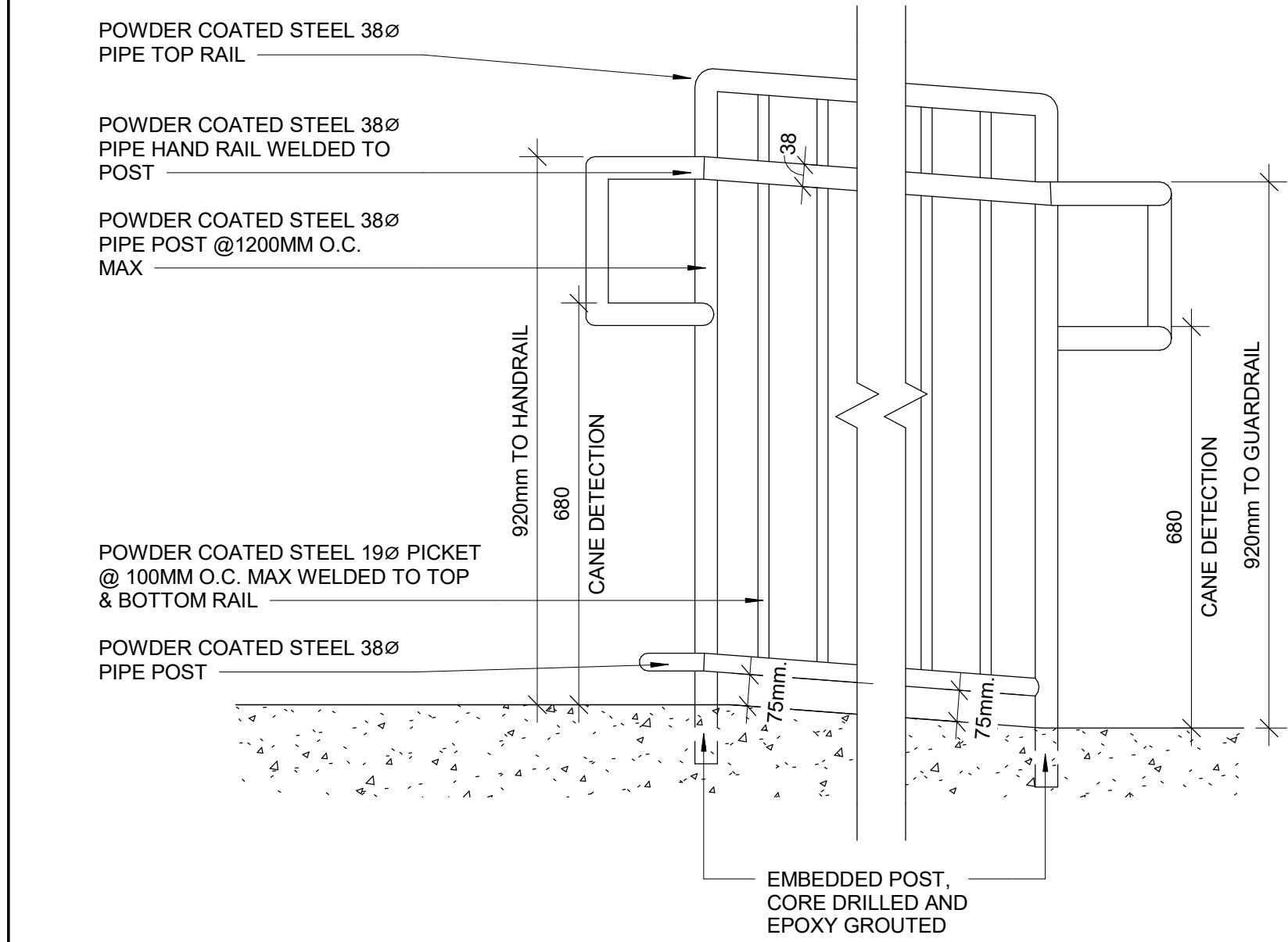
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|-------------------------------------|----------------------------------|
| DRAWN BY: A. BOYNARIAN | CHECKED BY: K. TILAHUN |
| PROJECT MGR: F. BOLOURIAN | APPROVED BY: E. FENUTA |

SHEET TITLE
RAMP DETAILS - 01

SHEET NUMBER
D1403

ISSUE
A

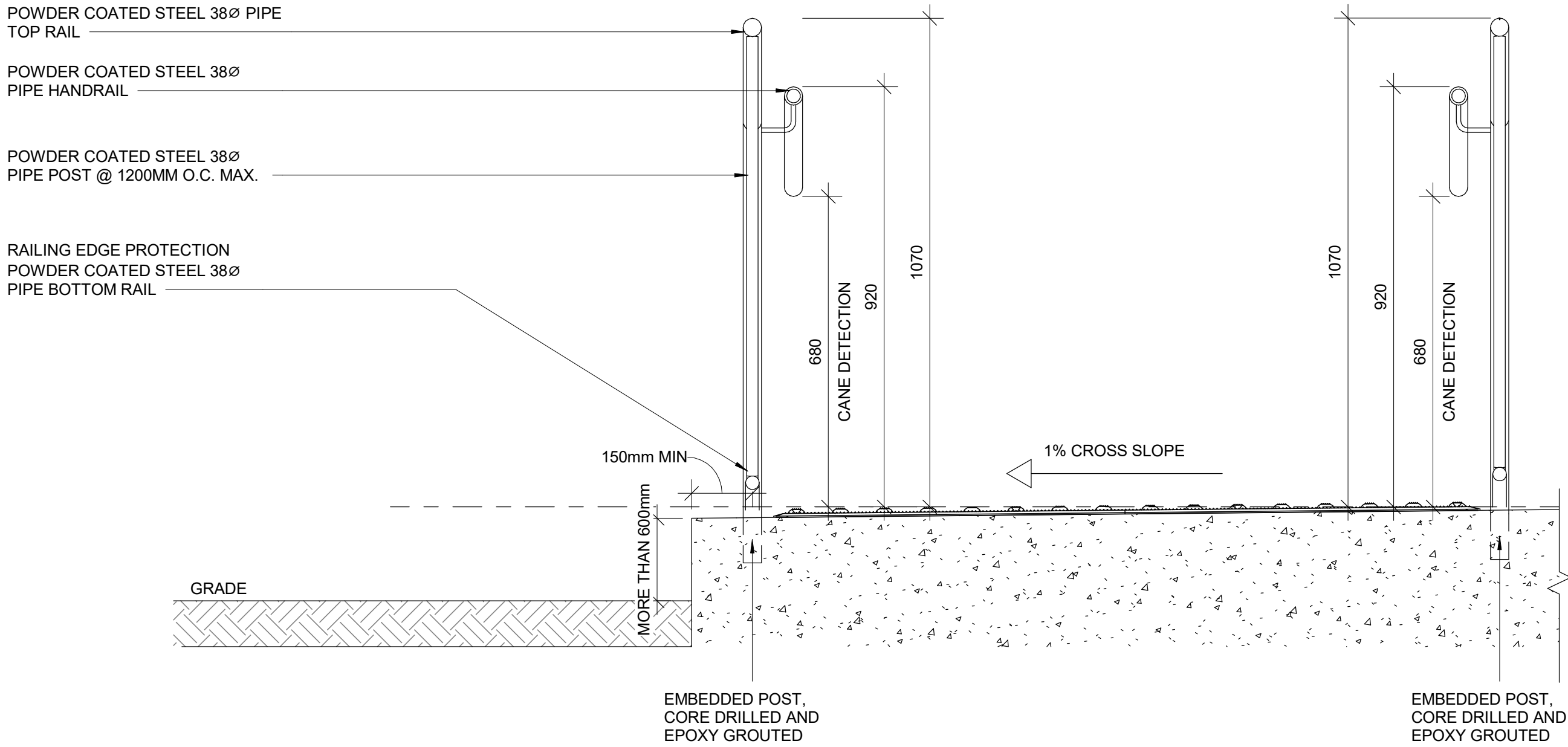
- NOTES:
- INTERIOR GUARDS AND HANDRAILS TO BE STEEL WITH POWDER COATED FINISH UNLESS NOTED OTHERWISE
 - EXTERIOR GUARDS AND HANDRAILS TO BE GALVANIZED STEEL WITH POWDER COATED FINISH UNLESS NOTED OTHERWISE
 - FOR ALL TACTILE INDICATOR, USE TA-1A - YELLOW COLOUR UNLESS OTHERWISE NOTED
 - FOR ALL TEXTURE 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 ELEVATION OF GUARDRAIL FOR RAMP AT GRADE DIFFERENCE MORE THAN 600 MM
D1404 Scale: 1 : 10

2025-04-11 10:38:53 AM

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



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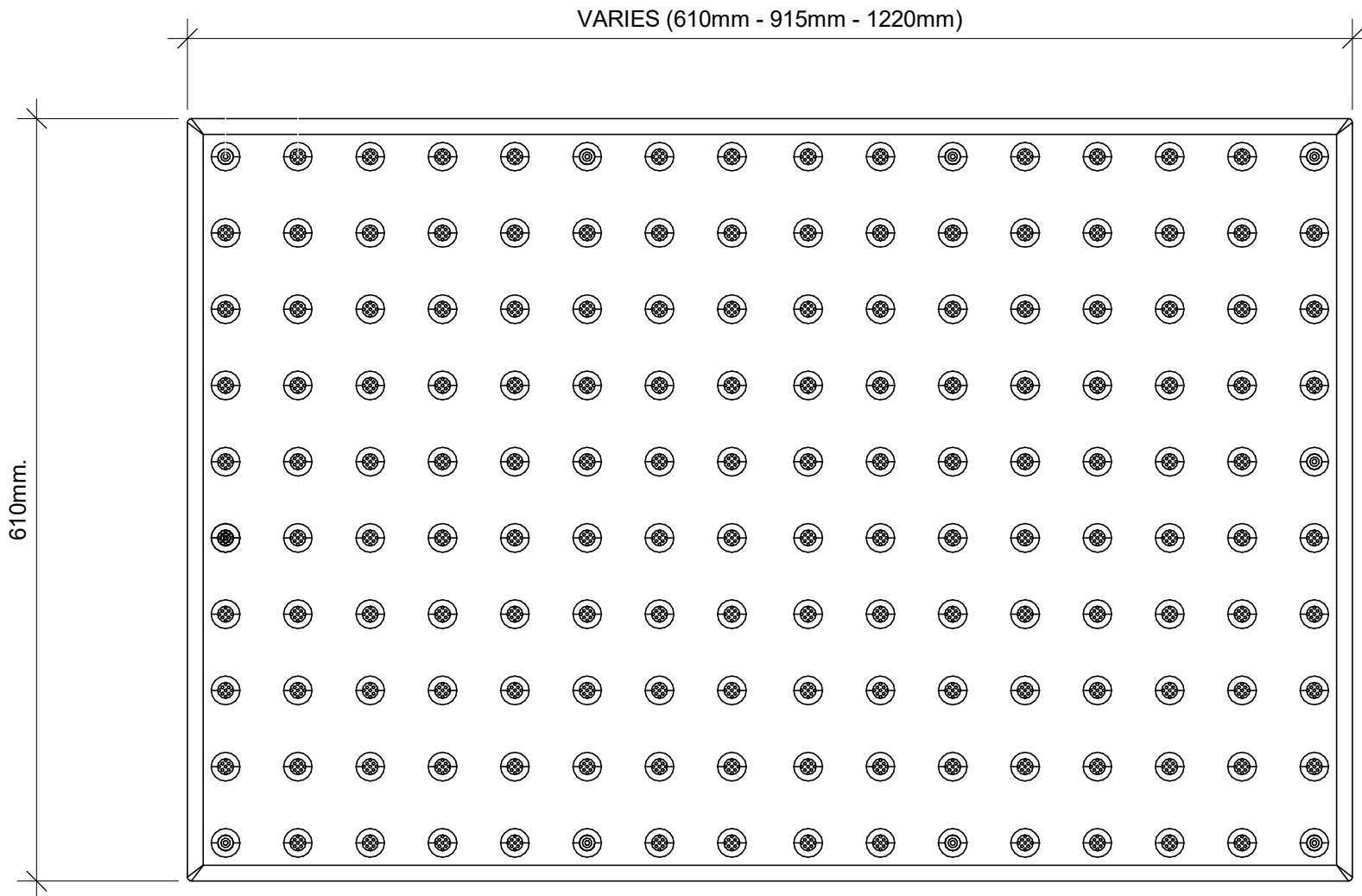
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| DRAWN BY: A. BOYNARIAN | CHECKED BY: K. TILAHUN |
| PROJECT MGR: F. BOLOURIAN | APPROVED BY: E. FENUTA |

SHEET TITLE
RAMP DETAILS - 02

| | |
|------------------------------|-------------------|
| SHEET NUMBER D1404 | ISSUE A |
|------------------------------|-------------------|

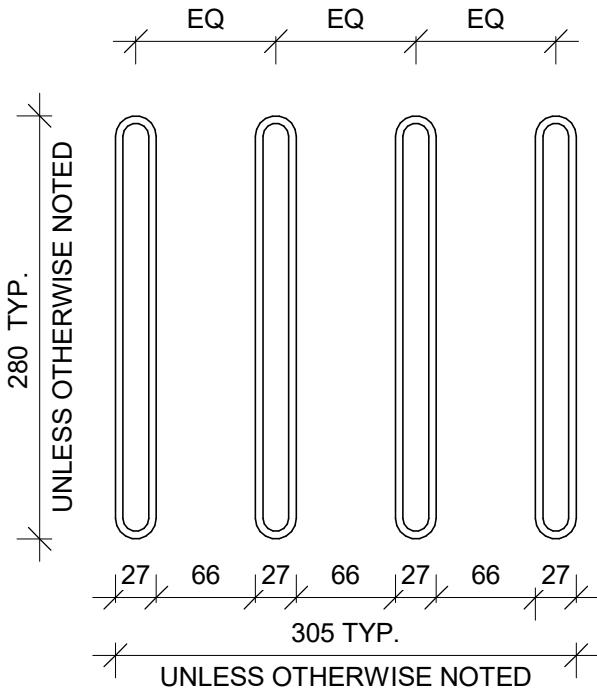
10mm
SCALE CHECK
1 in

TA - 1a
EXTERIOR AND INTERIOR APPLICATION



1 TACTILE ATTENTION INDICATOR
D1405 / Scale: 1 : 5

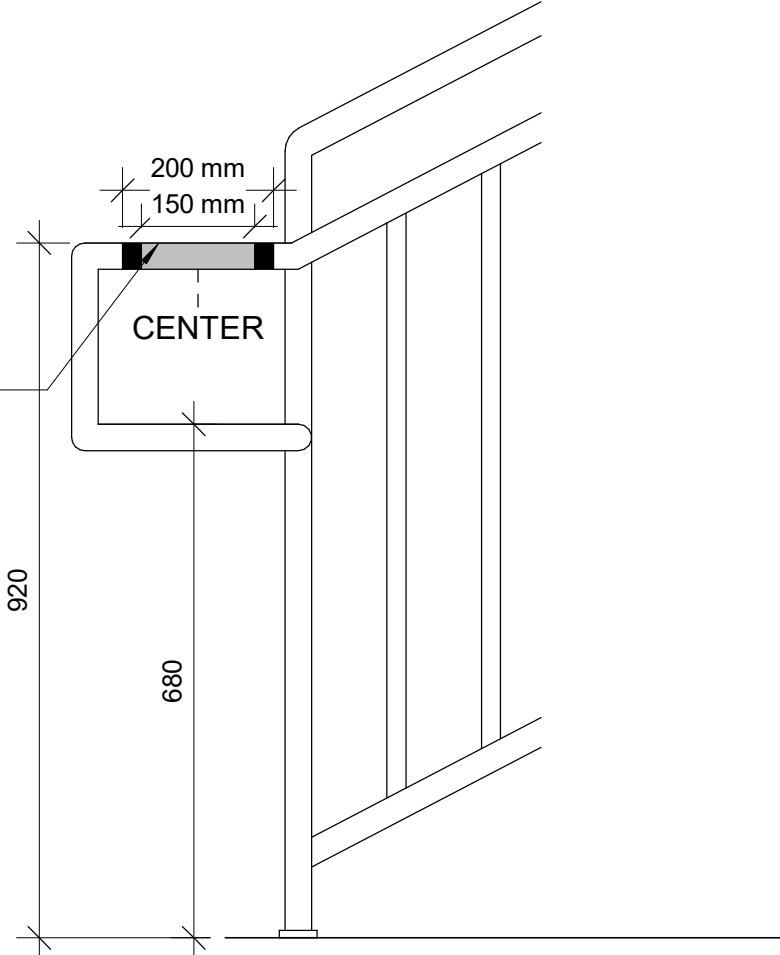
TA-8
INTERIOR APPLICATION



2 GUIDANCE BARS PLAN
D1405 / Scale: 1 : 5

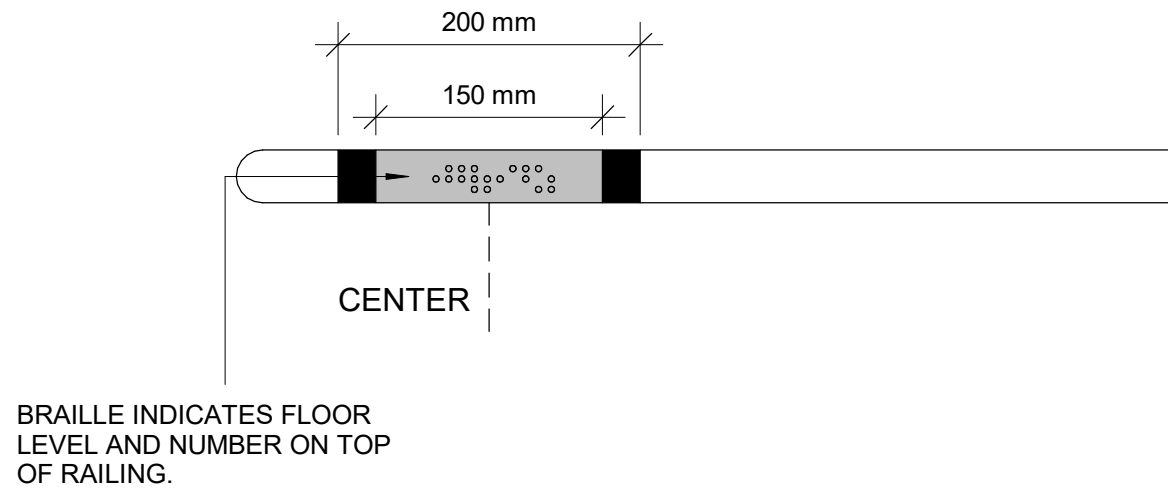
150mm LONG YELLOW COLOUR
WAYFINDING SIGN WITH BRAILLE AND
25mm WIDE RED COLOUR ON EITHER
SIDE OF THE SIGN

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 NO:
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CHECKED BY:
K. TILAHUN

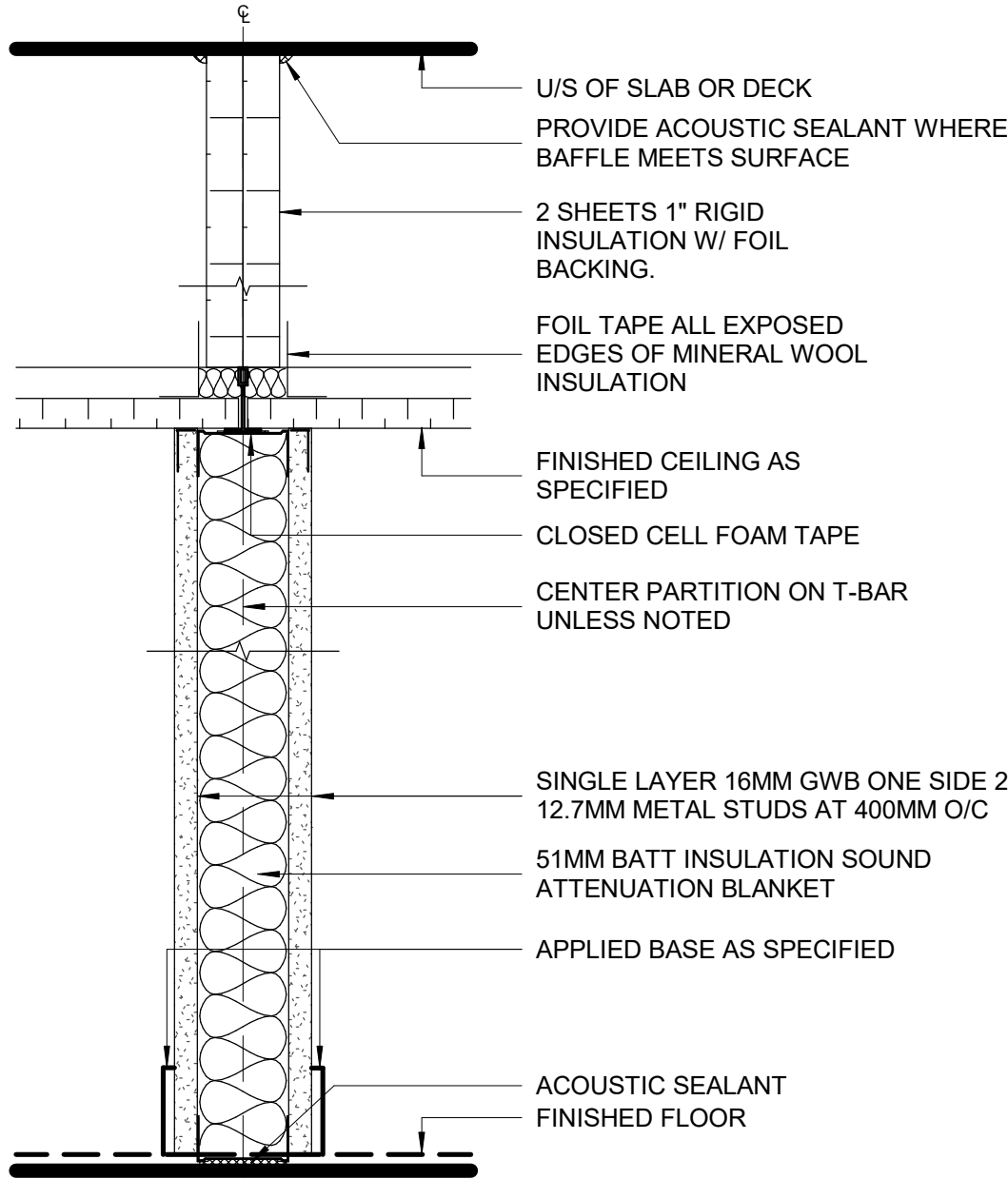
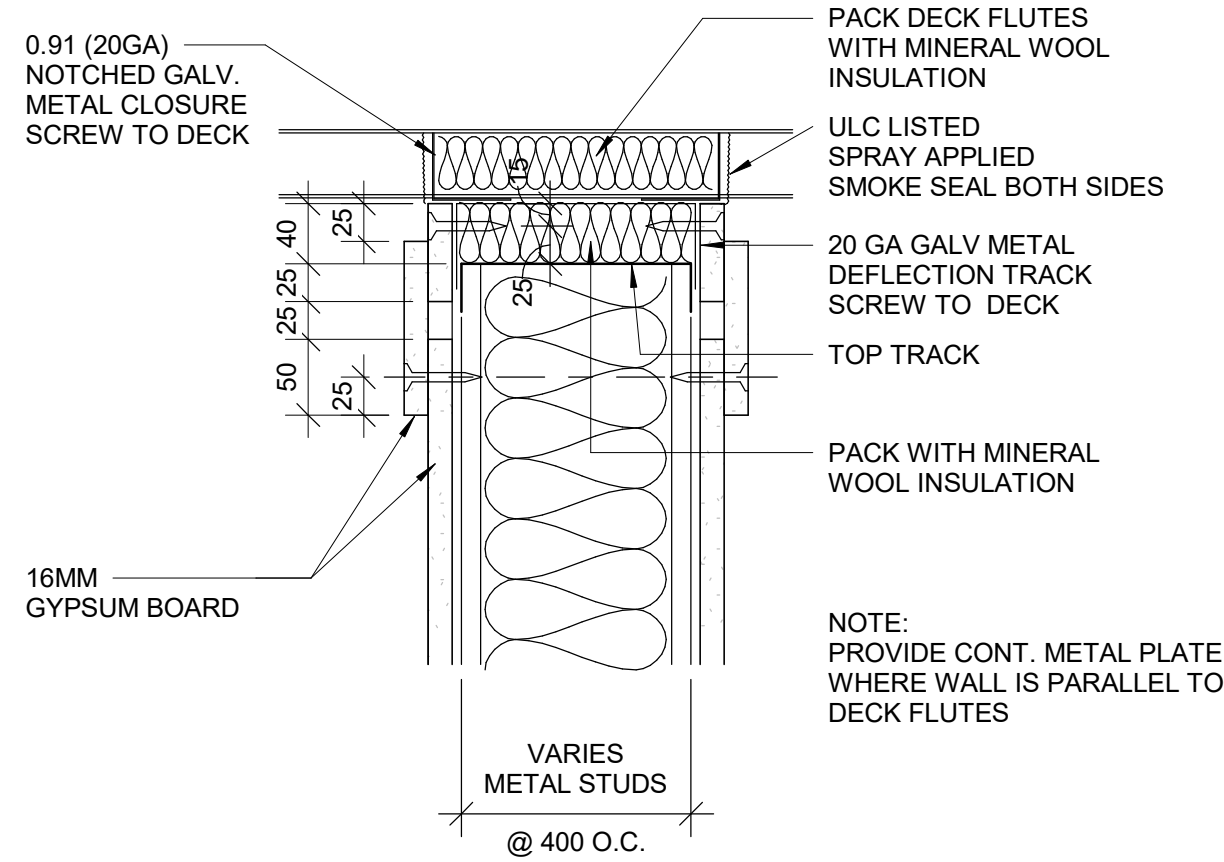
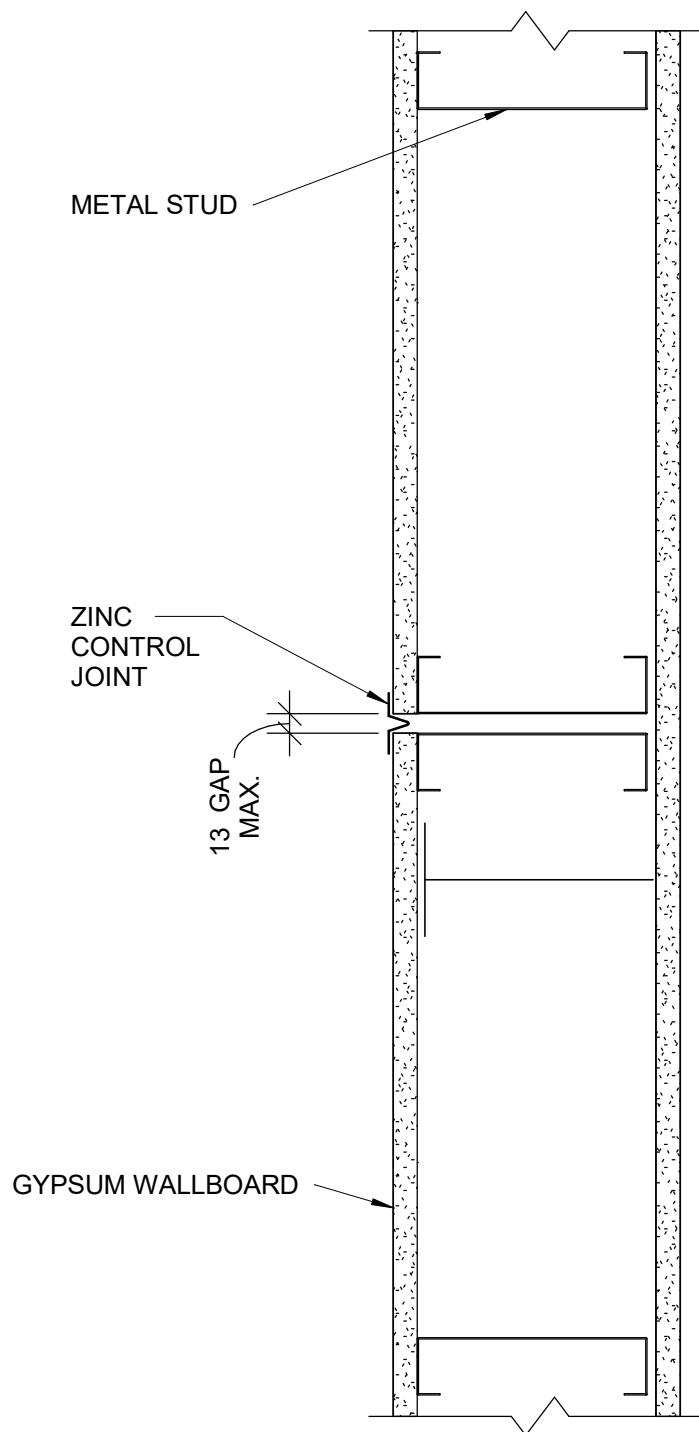
PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
E. FENUTA

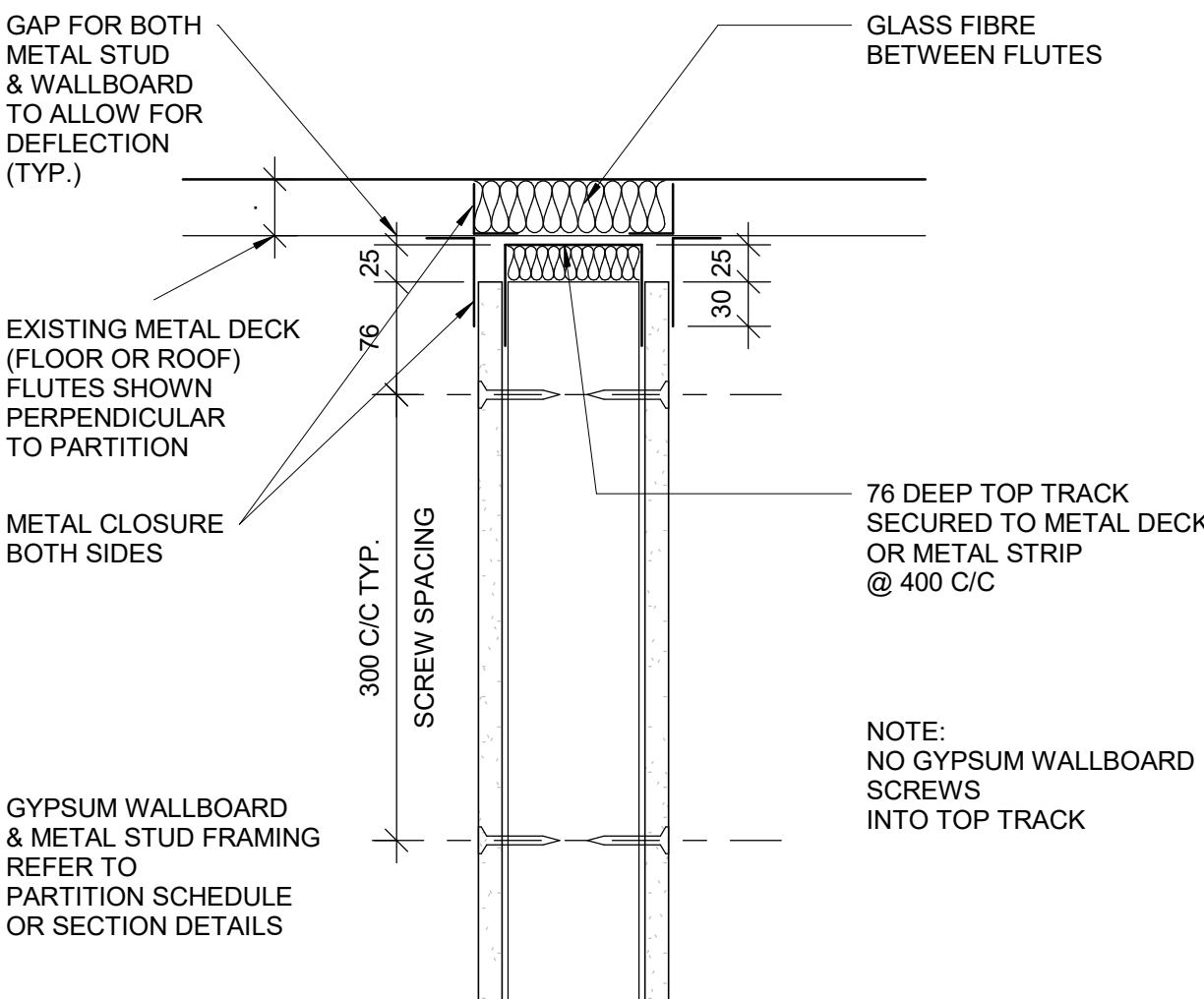
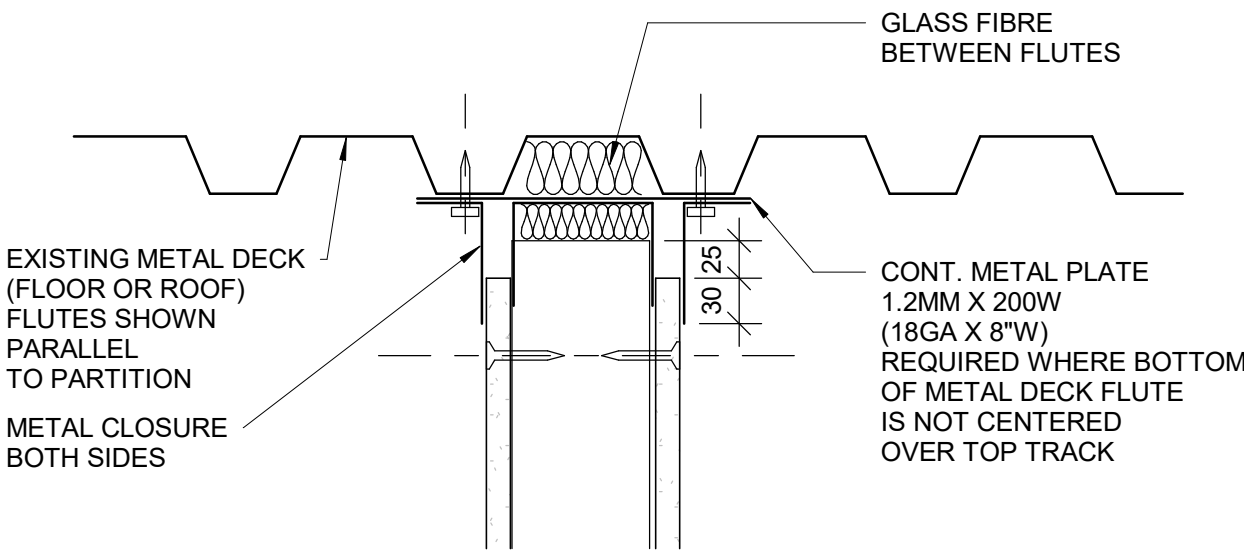
SHEET TITLE
TACTILE DETAILS

SHEET NUMBER
D1405

ISSUE
A



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



1 CONTROL JOINT PLAN DETAIL - DRYWALL

D1501 Scale: 1 : 5

3 HEAD DRYWALL FIRE RATED PARTITION

D1501 Scale: 1 : 5

5 DRYWALL - ACOUSTICAL TREATMENT ABOVE CEILING

D1501 Scale: 1 : 5

4 HEAD FULL HEIGHT DRYWALL PARTITION - NON RATED

D1501 Scale: 1 : 5

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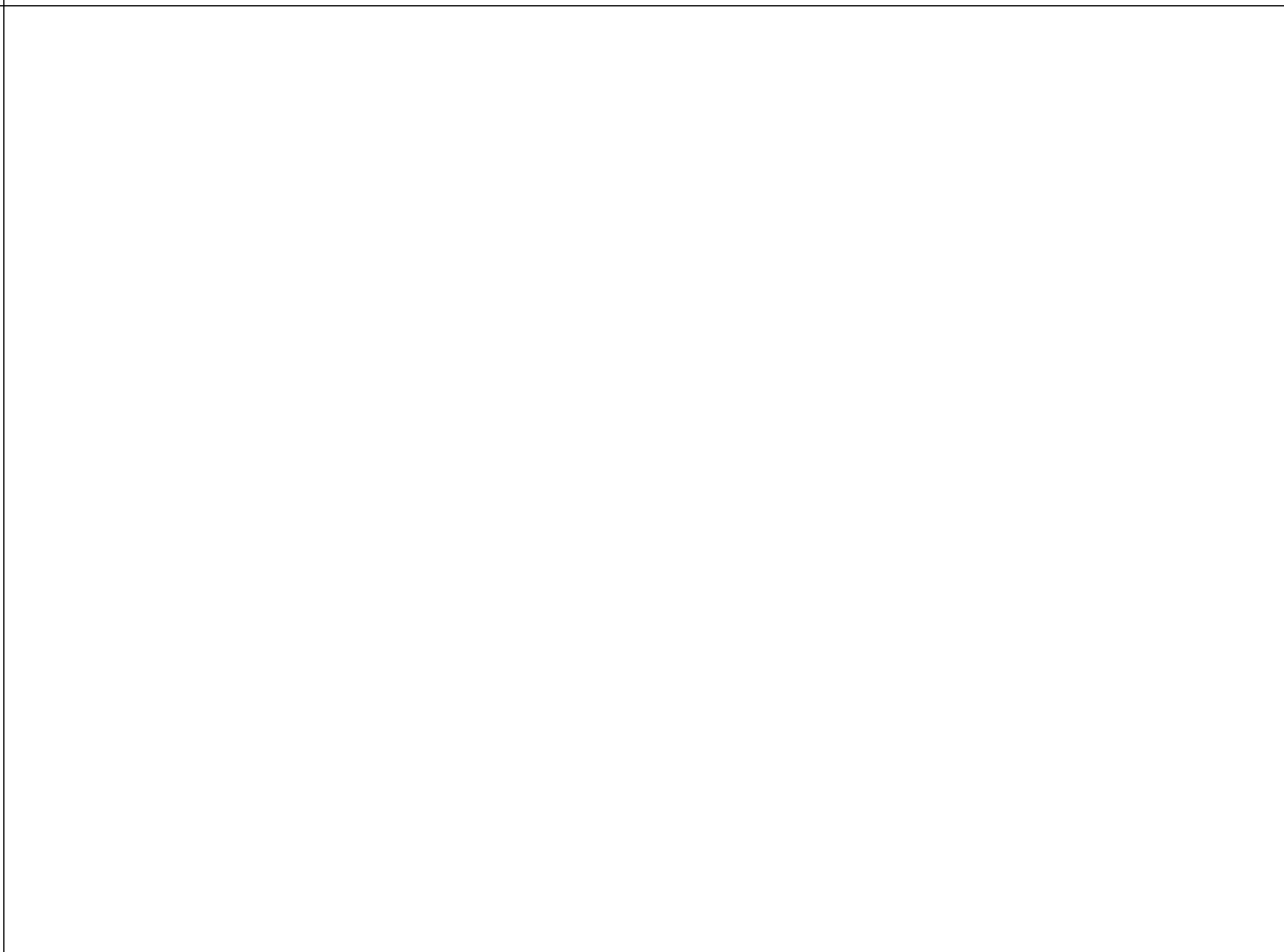
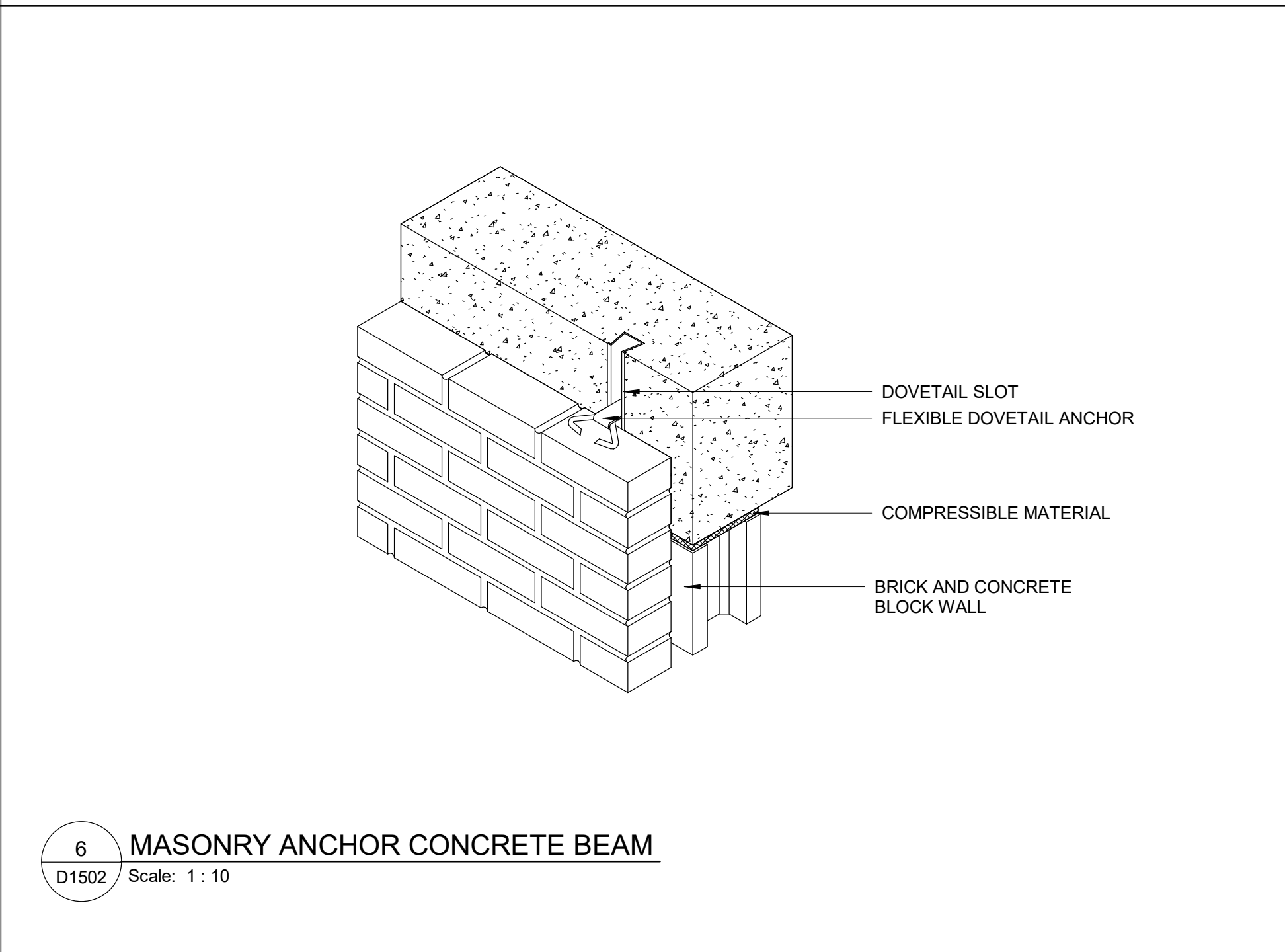
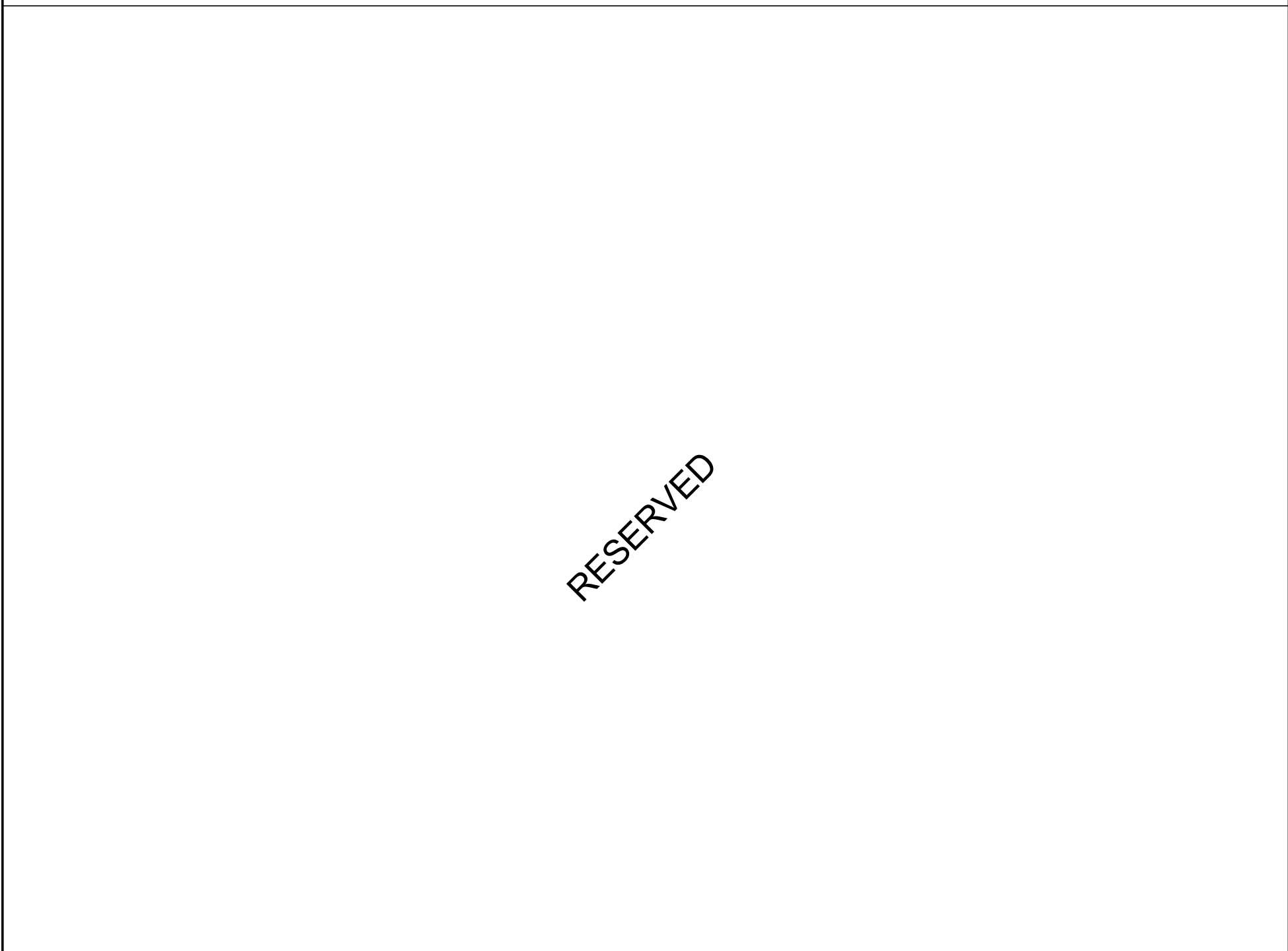
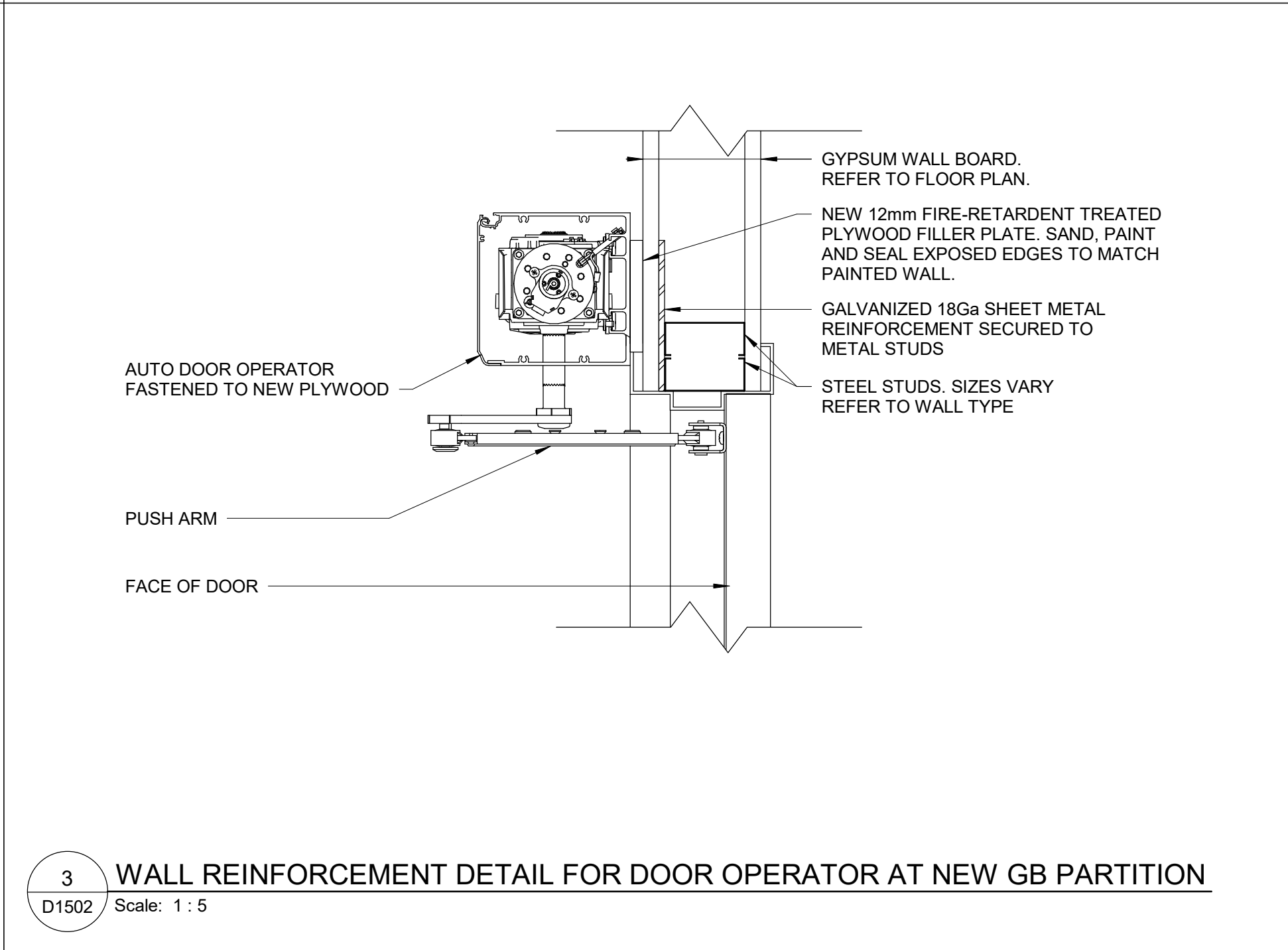
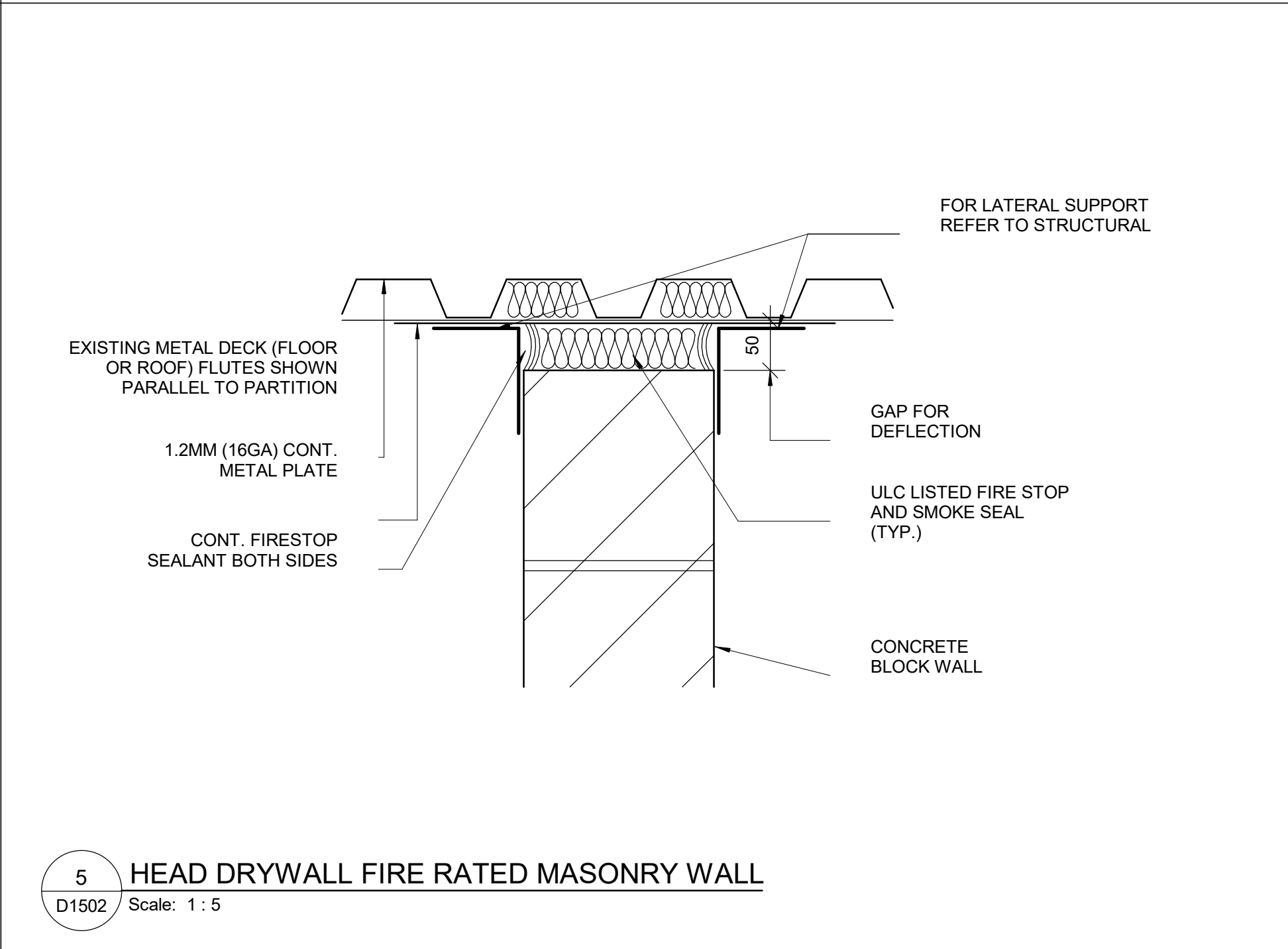
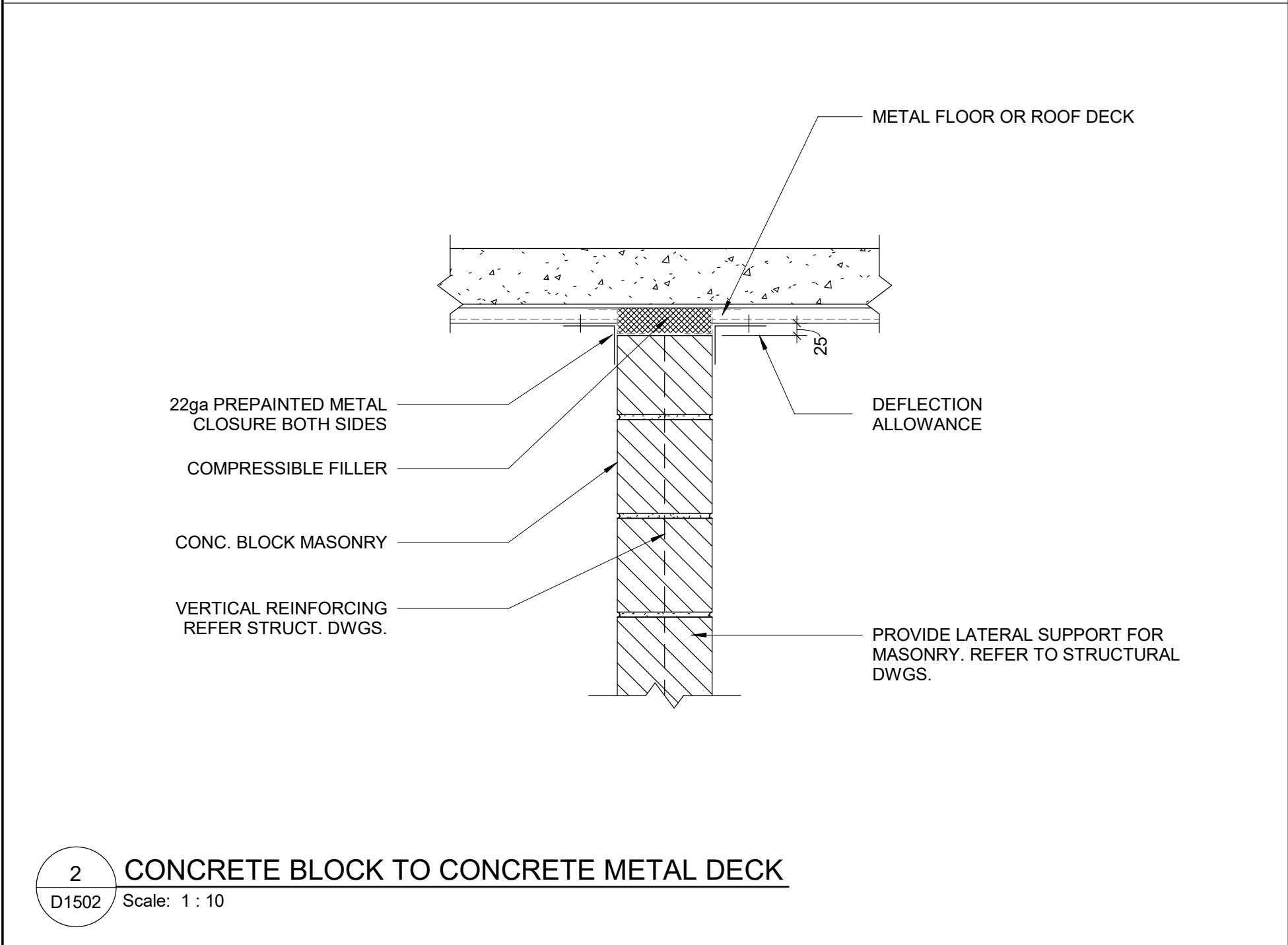
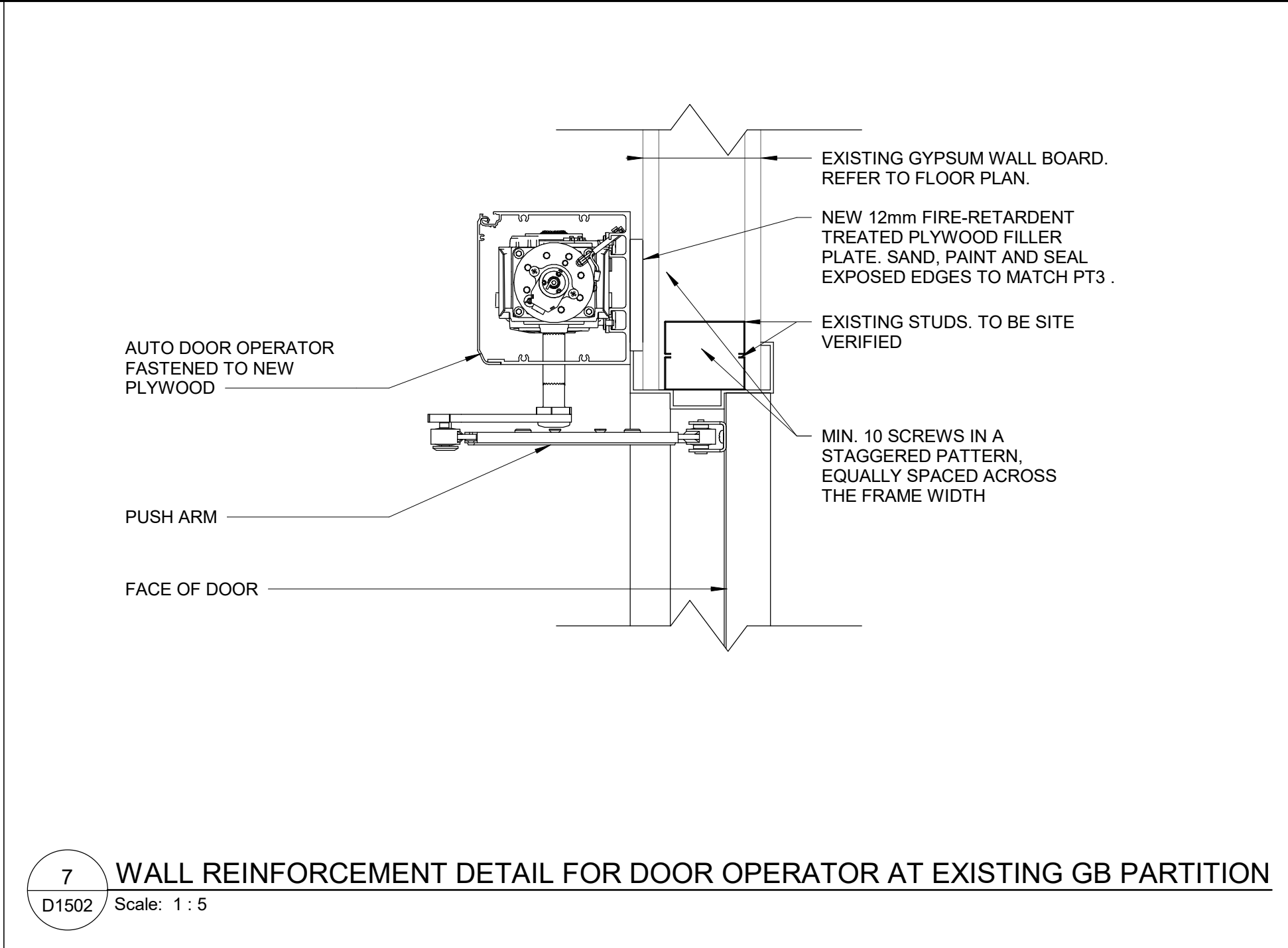
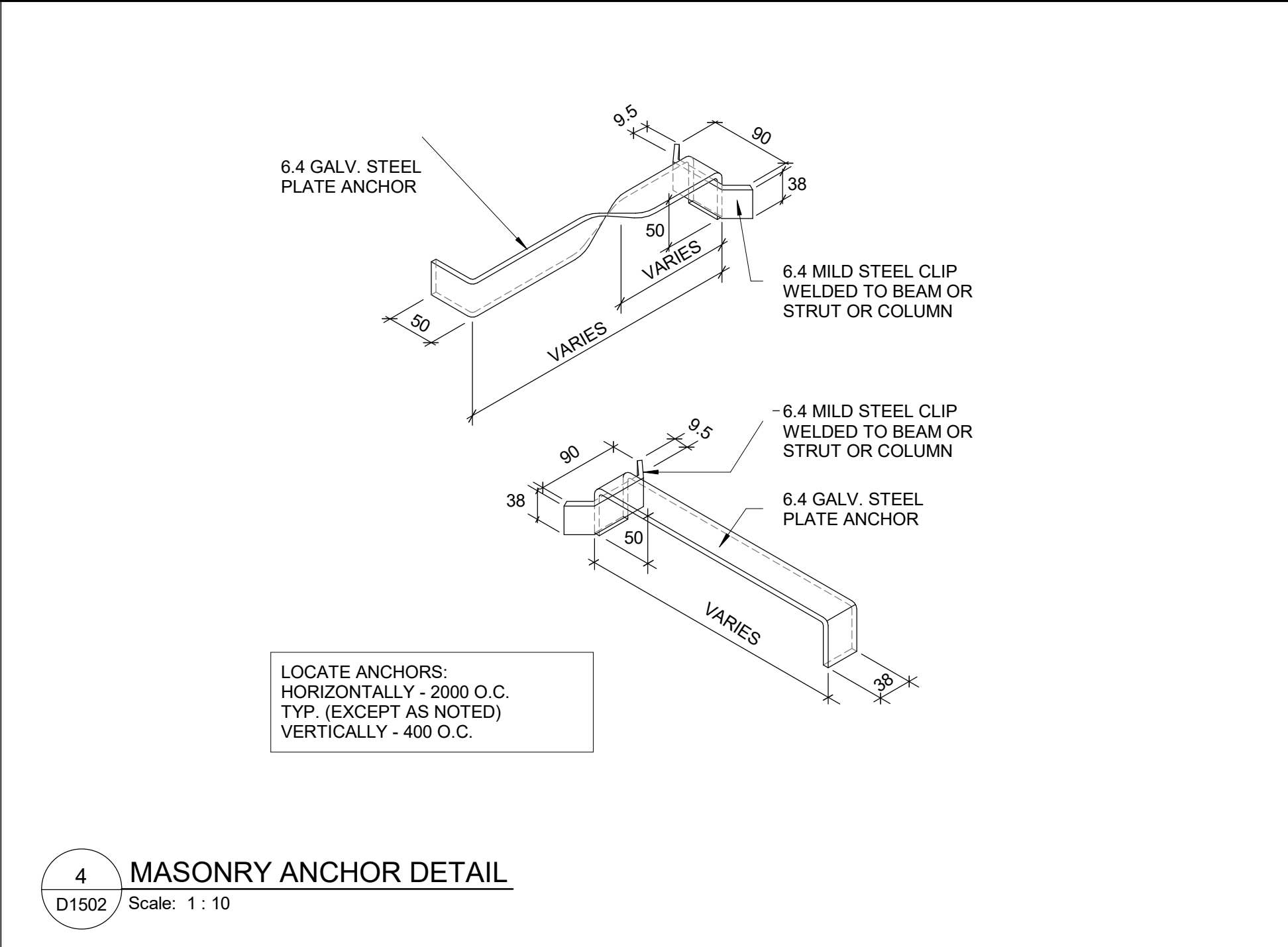
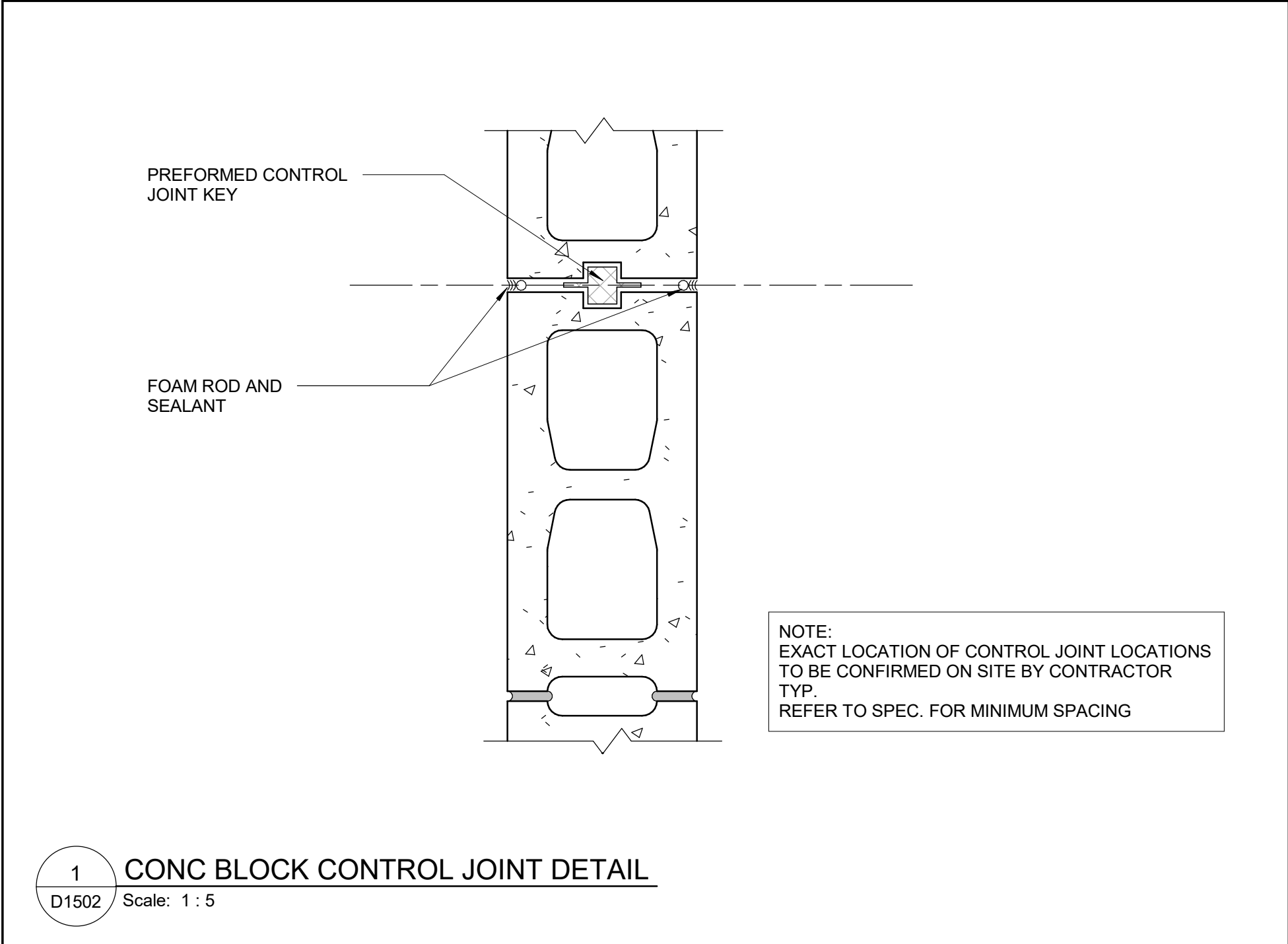
PROJECT ADDRESS

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

SHEET TITLE
**MISCELLANEOUS
DETAILS - 01**

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| SHEET NUMBER | ISSUE |
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DRAWN BY:
A. BOYNARIAN

PROJECT MGR:
F.BOLOURIAN

CHECKED BY:
K. TILAHUN

APPROVED BY:
E. FENUTA

SHEET TITLE

MISCELLANEOUS
DETAILS -02

SHEET NUMBER
D1502

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DRAWN BY:
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APPROVED BY:
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SHEET TITLE

ELEVAOTOR DETAILS

SHEET NUMBER

D1601

ISSUE

A

2025-04-11 10:39:53 AM

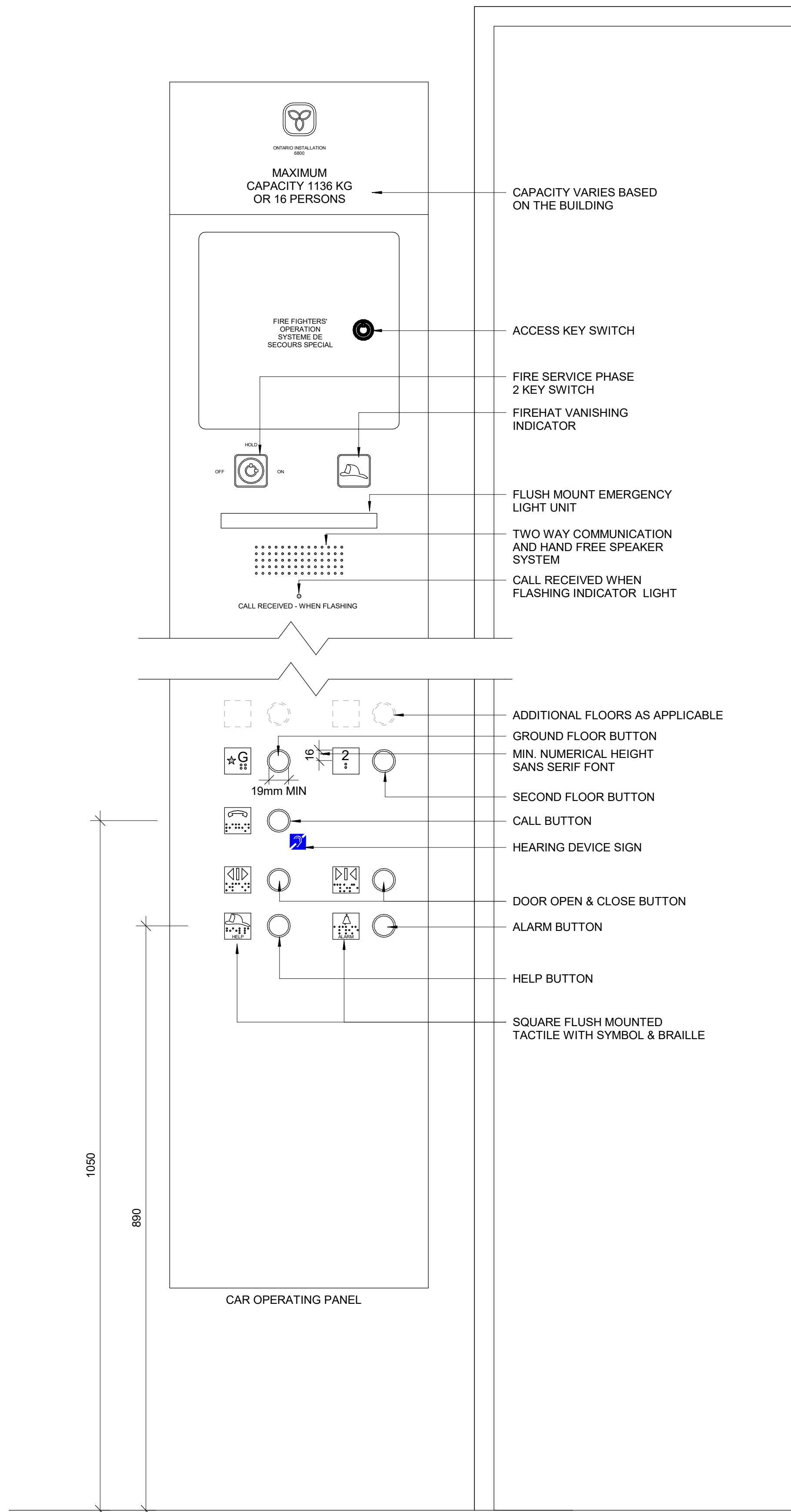
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1 in

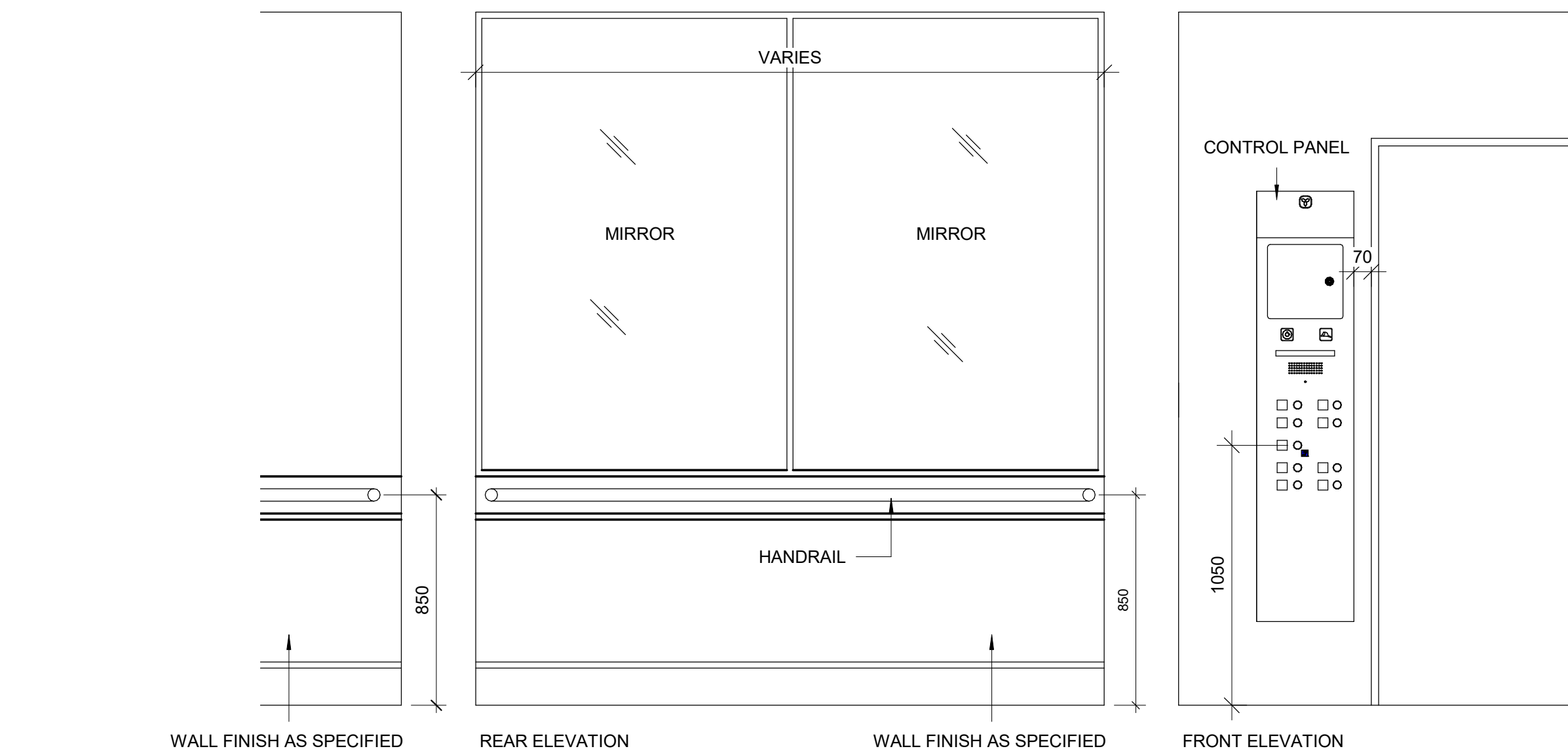
10mm

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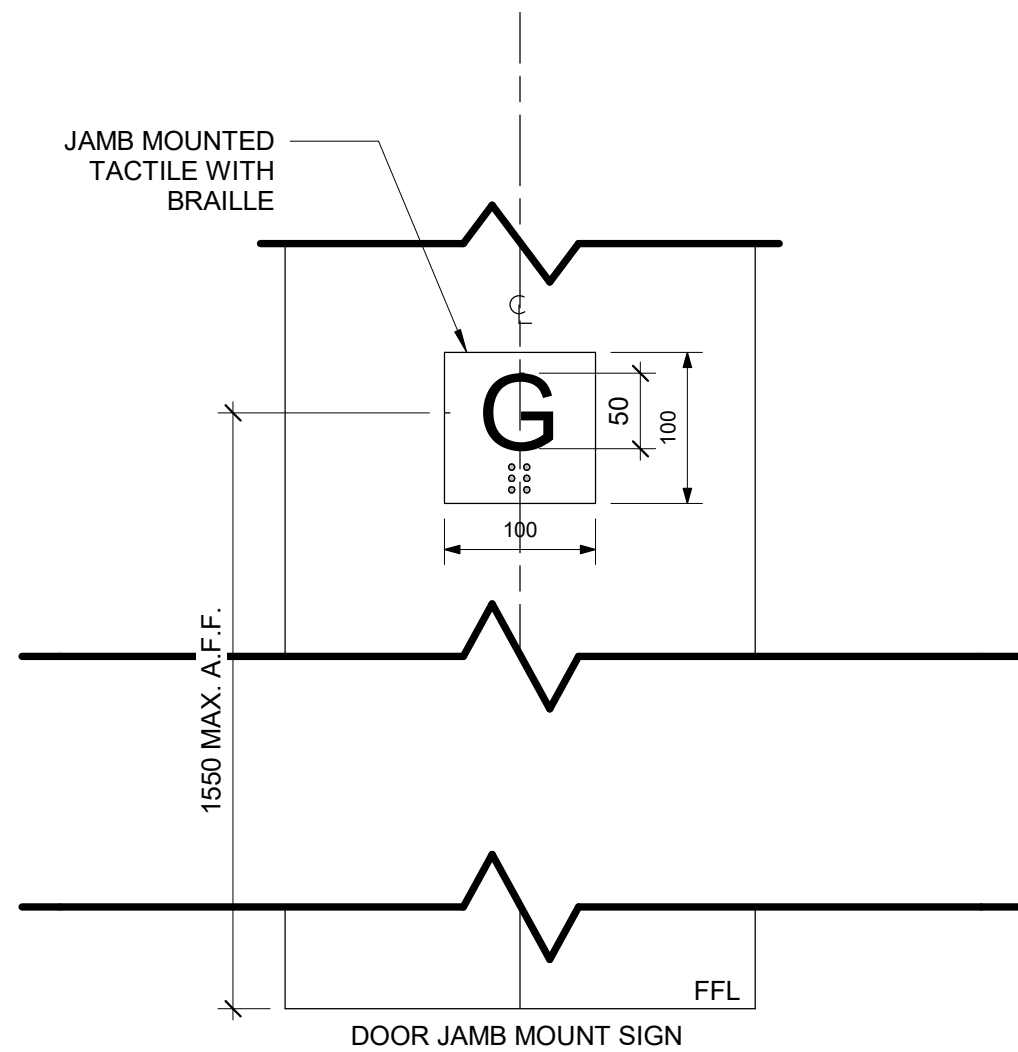
1 INTERIOR ELEVATOR CONTROLS
D1602 Scale: 1 : 5



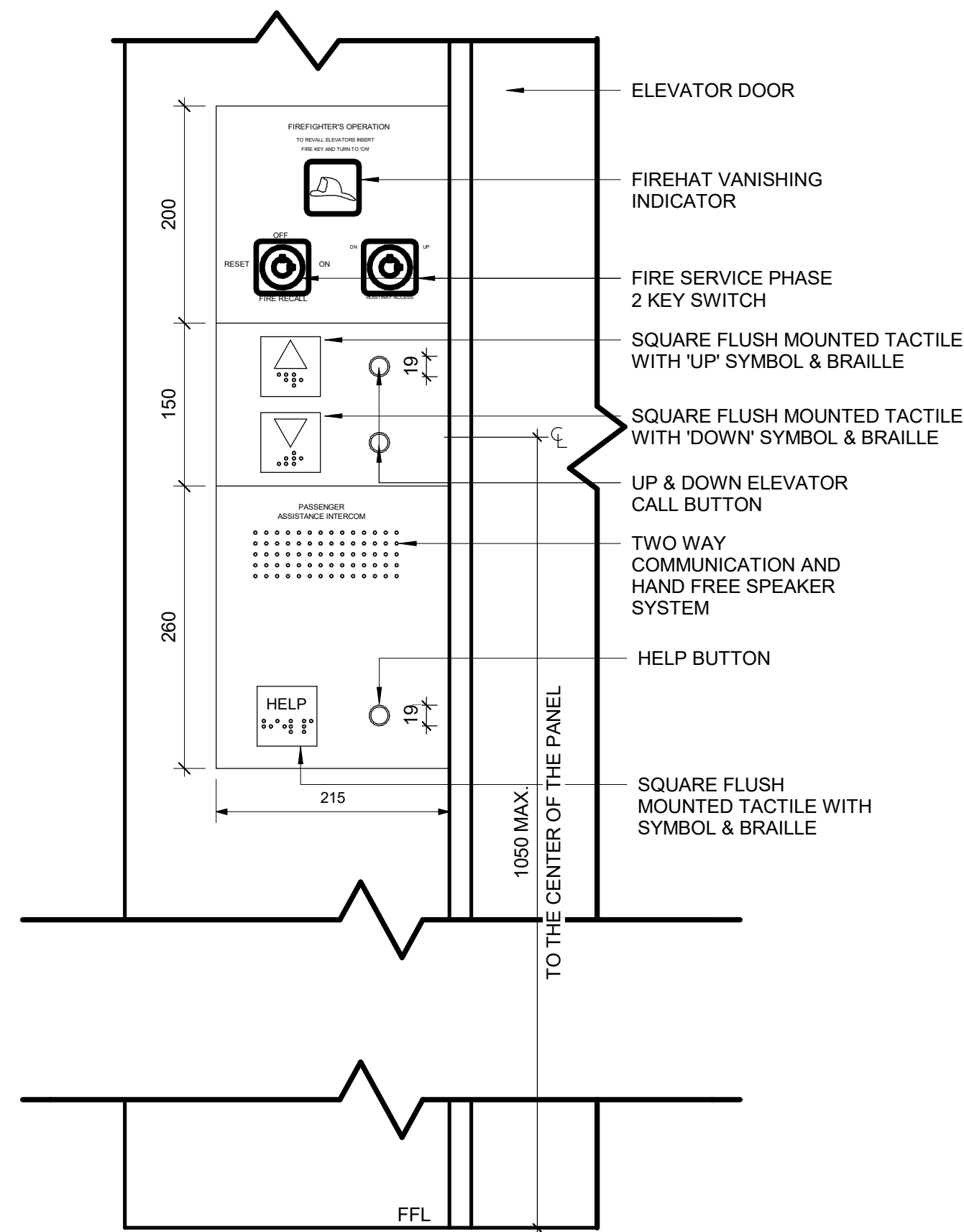
2 ELEVATOR INTERIOR ELEVATIONS
D1602 Scale: 1 : 20



3 TACTILE FLOOR MARKER
D1602 Scale: 1 : 5



4 ELEVATOR EXTERIOR PANEL ELEVATION
D1602 Scale: 1 : 5



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CHECKED BY:

K. TILAHUN

PROJECT MGR:

F. BOLOURIAN

APPROVED BY:

E. FENUITA

SHEET TITLE

ELEVATOR CONTROL &
INTERIOR CABIN
DETAILS

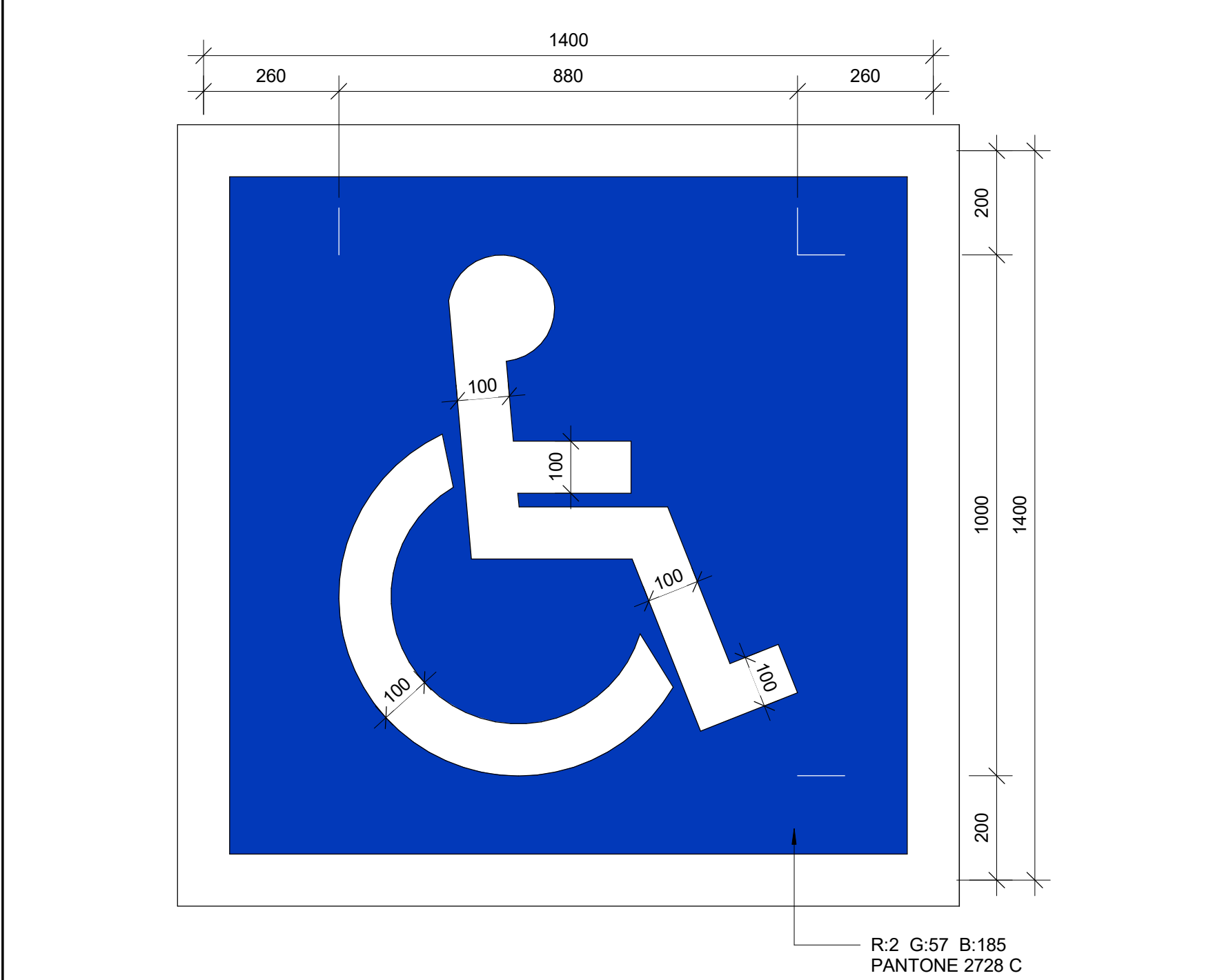
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D1602

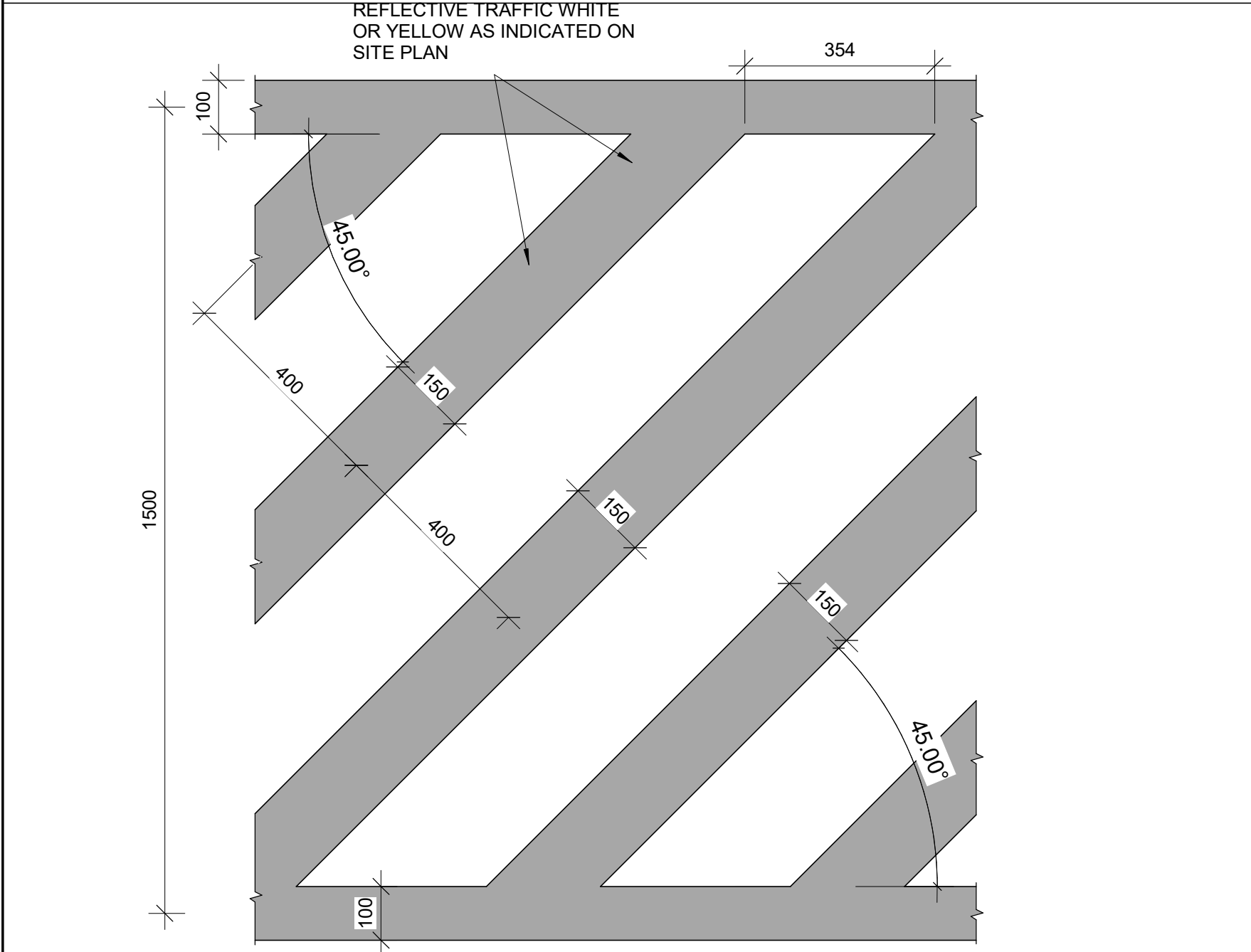
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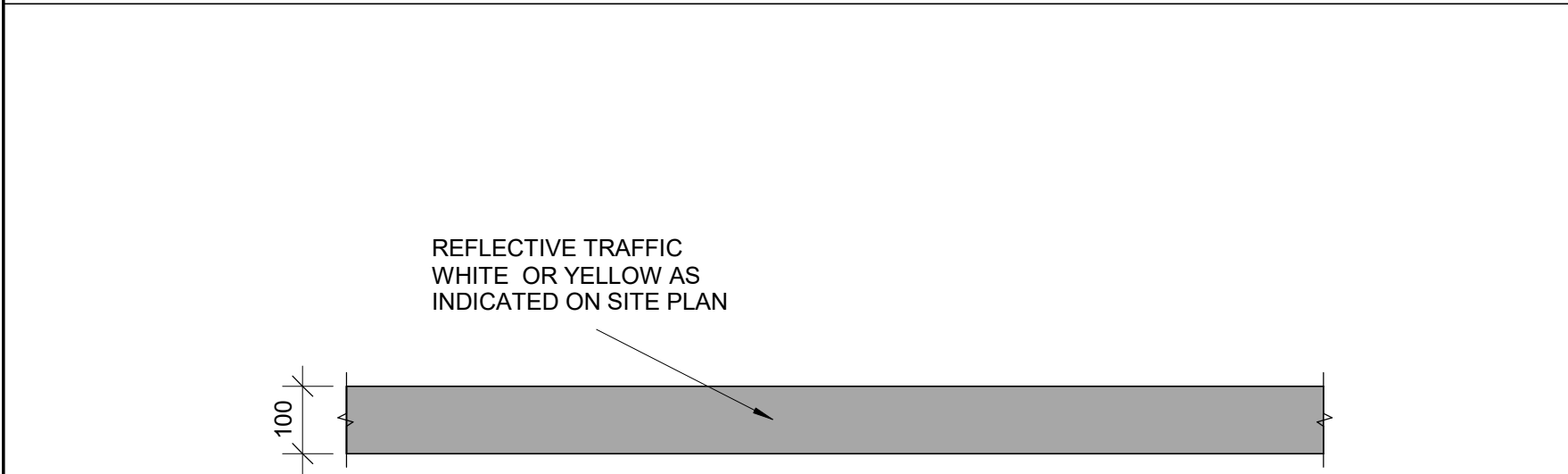
SCALE CHECK
1"=10mm



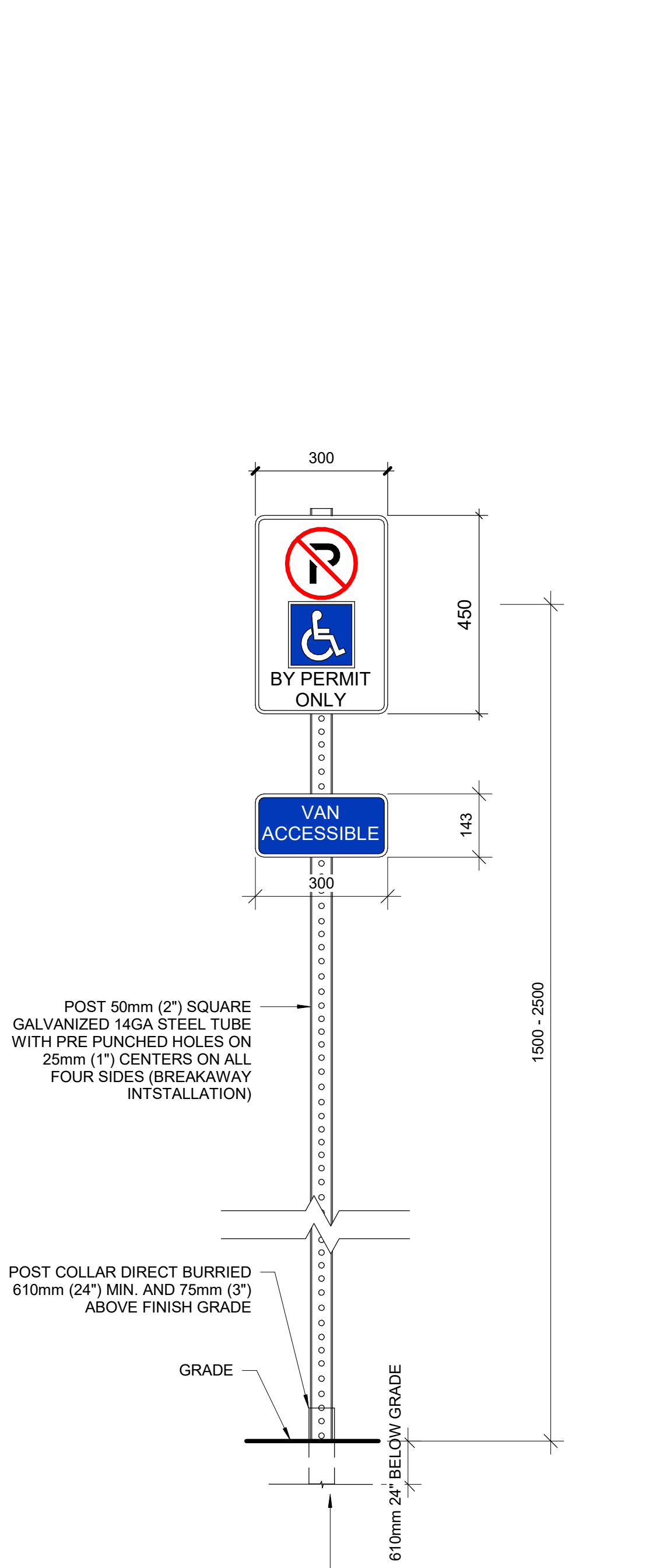
1 ACCESSIBLE PARKING PAVEMENT MARKING
D1701 Scale: 1 : 10



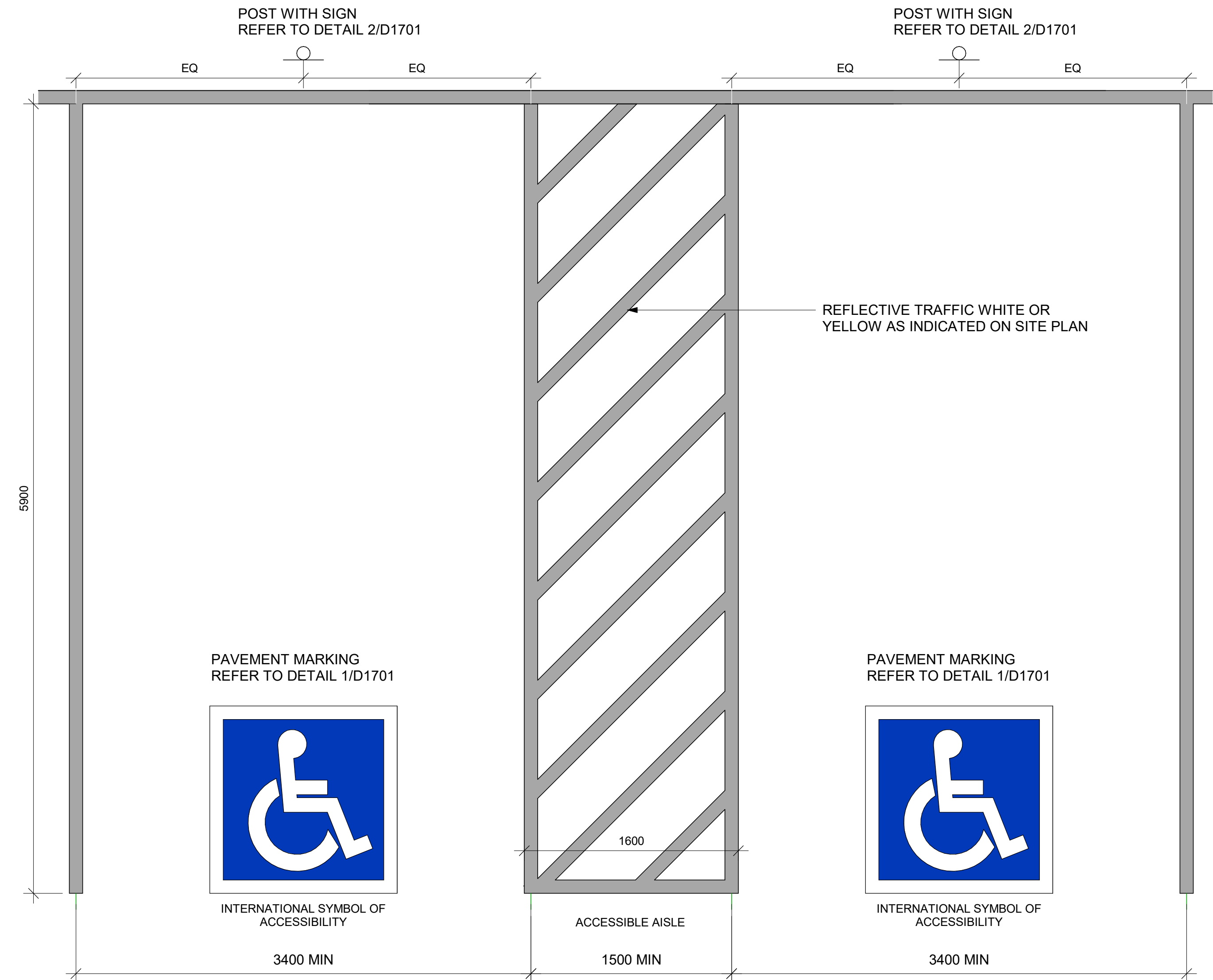
3 SITE DETAILS - PAINTED WALKWAY DETAIL
D1701 Scale: 1 : 10



4 SITE DETAILS - PAINTED LANE MARKING DETAIL
D1701 Scale: 1 : 10



2 ACCESSIBLE PARKING VERTICAL SIGN
D1701 Scale: 1 : 10



5 ACCESSIBLE PARKING SPACES
D1701 Scale: 1 : 25

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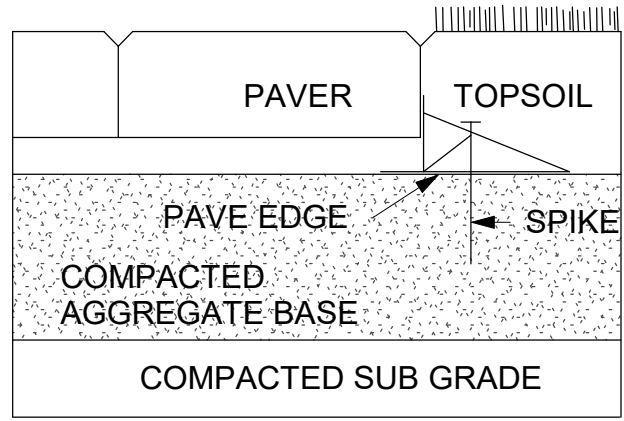
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CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

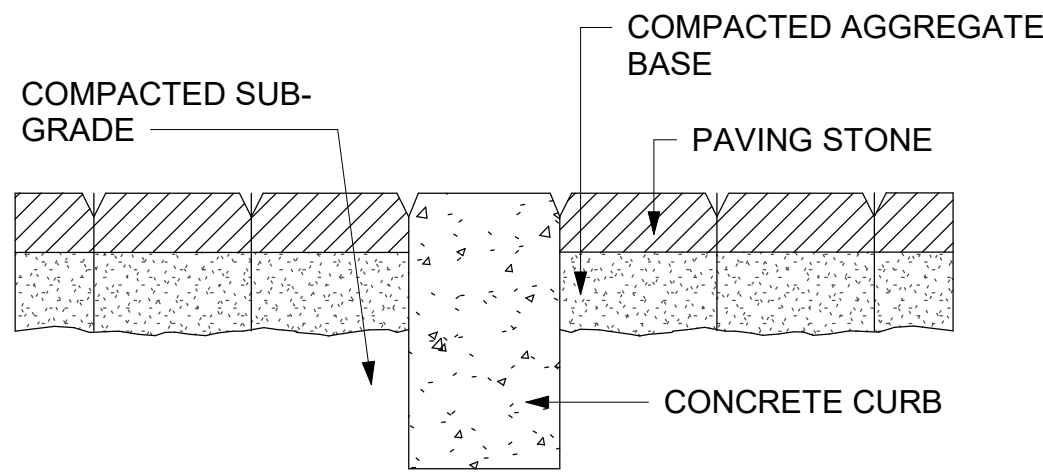
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PROJECT MGR:
F. BOLOURIAN
APPROVED BY:
E. FENUTA

SHEET TITLE
ACCESSIBLE PARKING
AND SITE MARKING
DETAILS

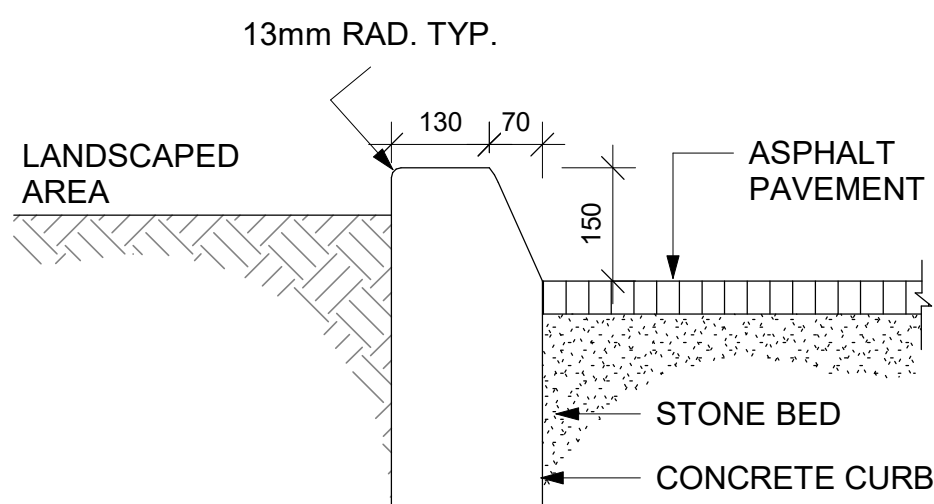
SHEET NUMBER
D1701
ISSUE
A



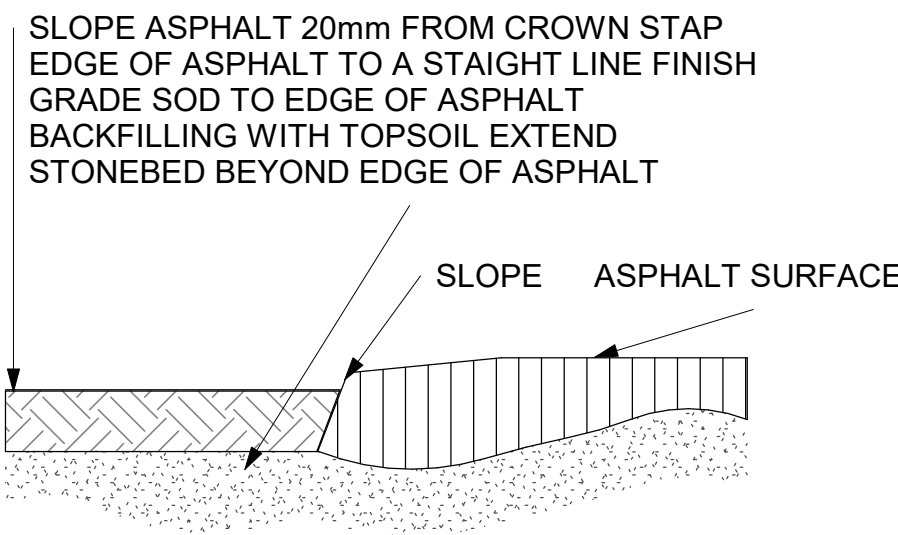
1 PAVER
D1702 Scale: 1 : 10



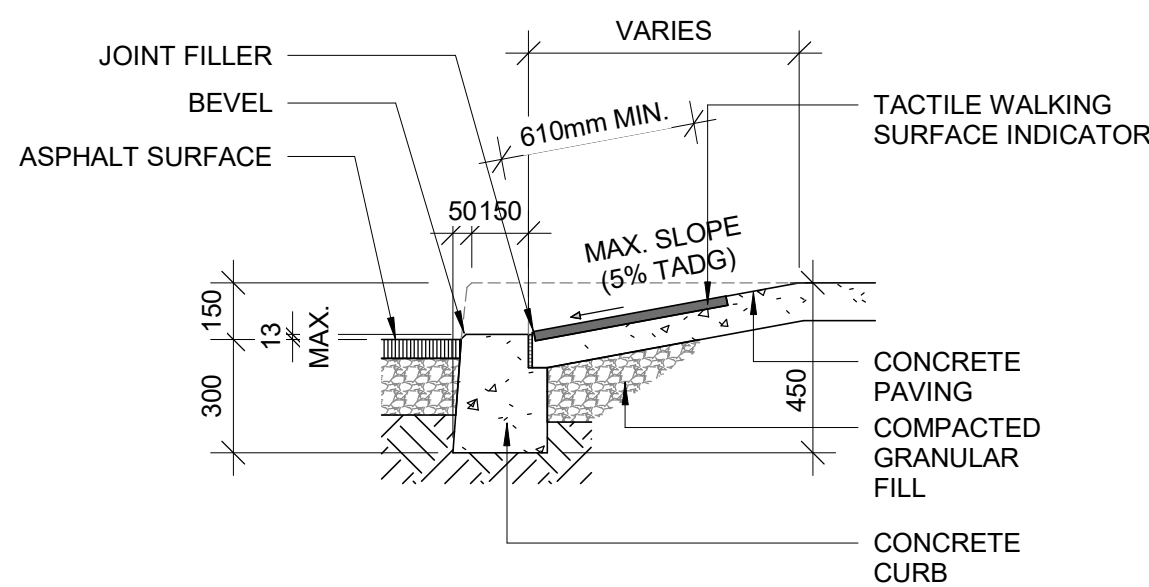
2 DEPRESSION CURB
D1702 Scale: 1 : 10



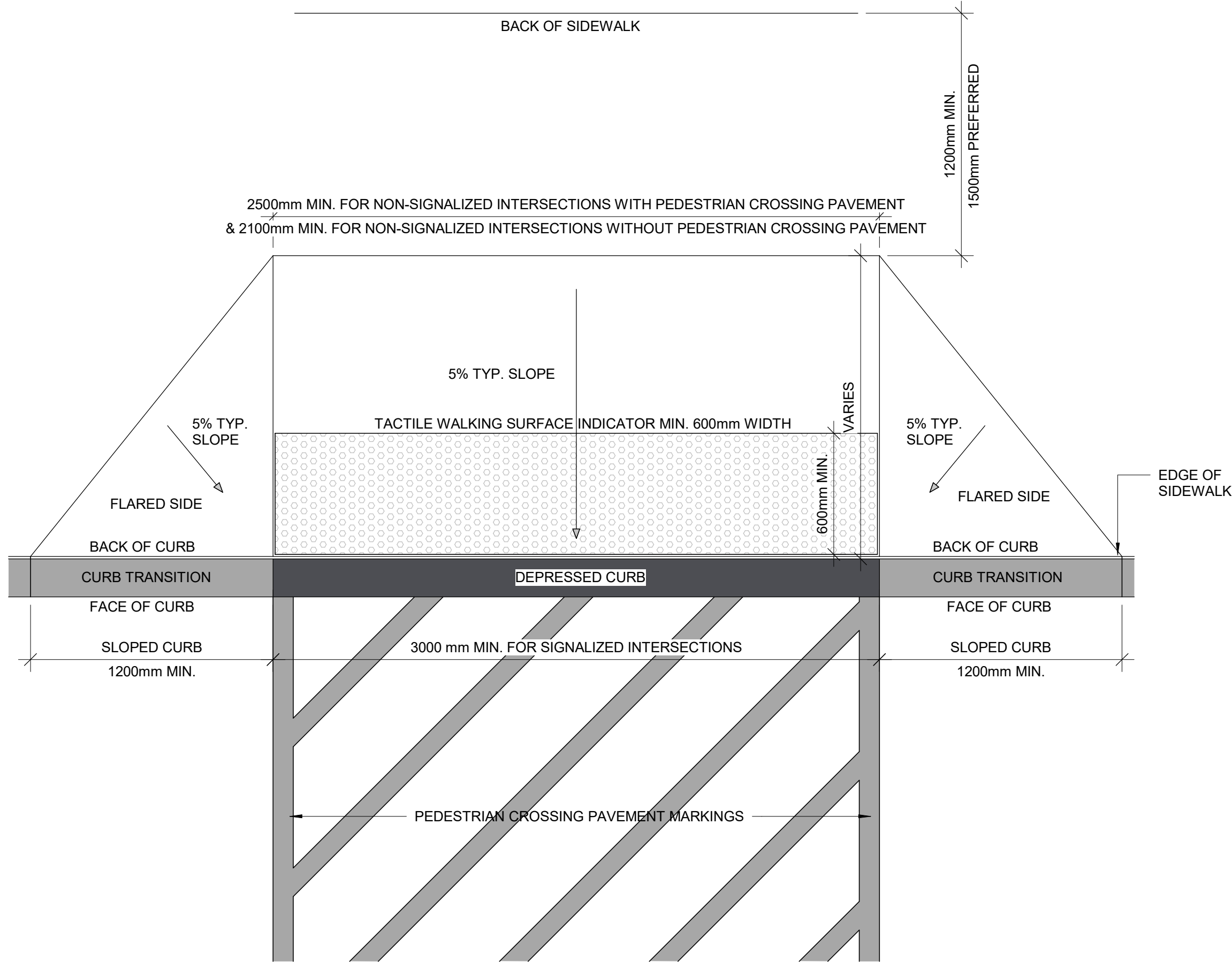
3 CURB DETAIL AT LANDSCAPED AREA
D1702 Scale: 1 : 10



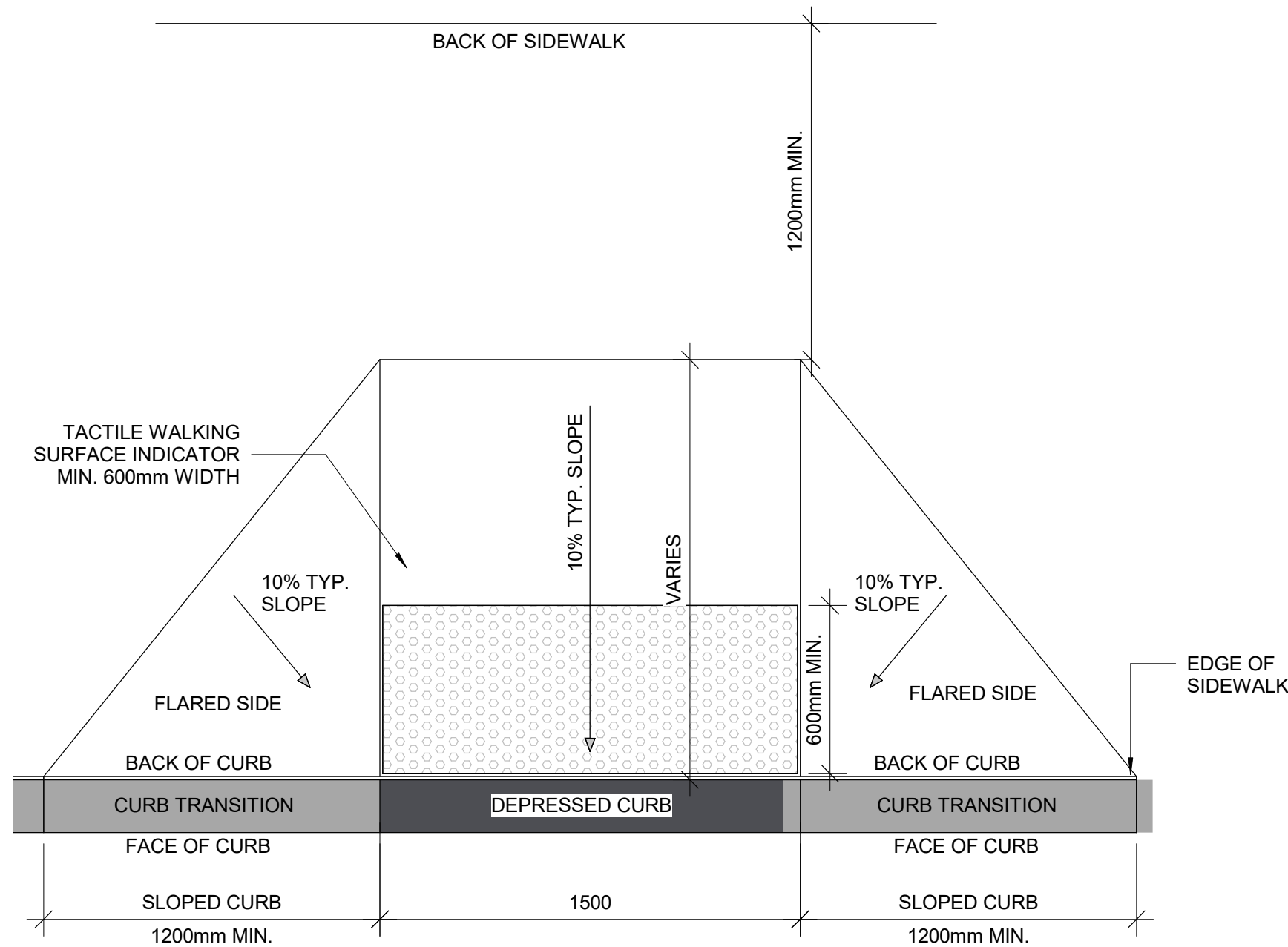
4 ASPHALT EDGE
D1702 Scale: 1 : 10



6 CURB RAMP SECTION
D1702 Scale: 1 : 20



5 LARGE CURB RAMP PLAN
D1702 Scale: 1 : 20



7 CURB RAMP PLAN
D1702 Scale: 1 : 20

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CHECKED BY:
K. TILAHUN

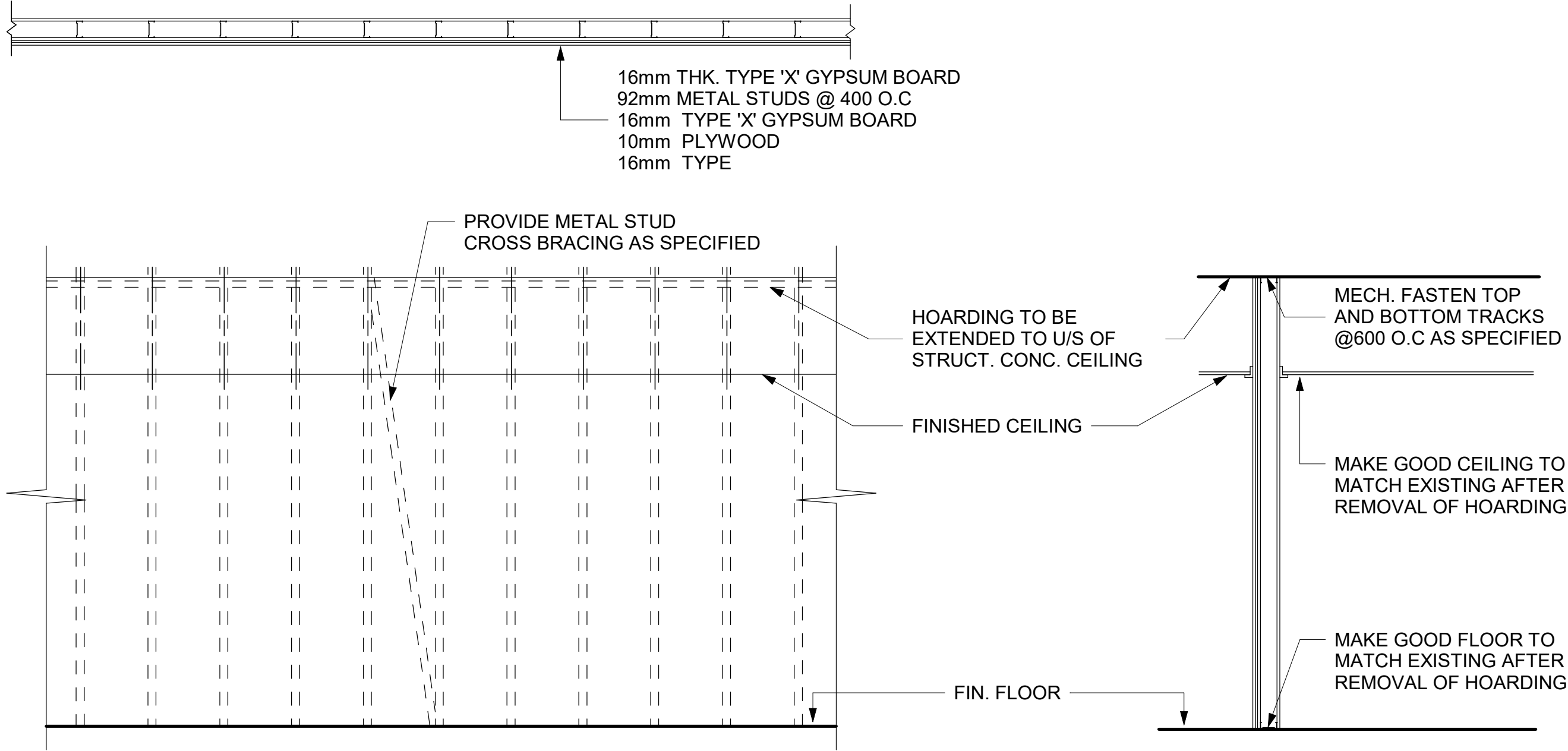
PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
E. FENUITA

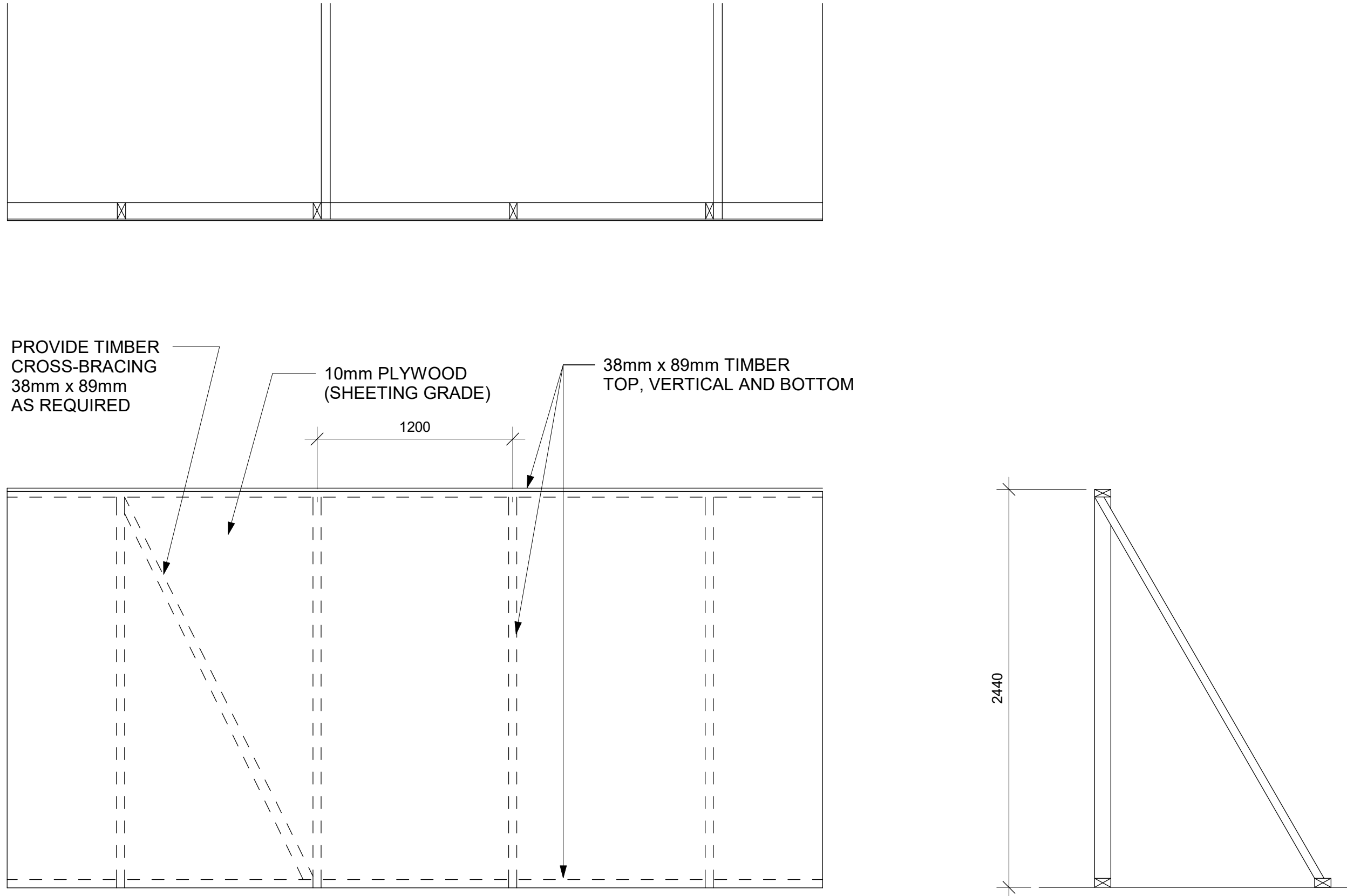
SHEET TITLE
CURB DETAILS

SHEET NUMBER
D1702

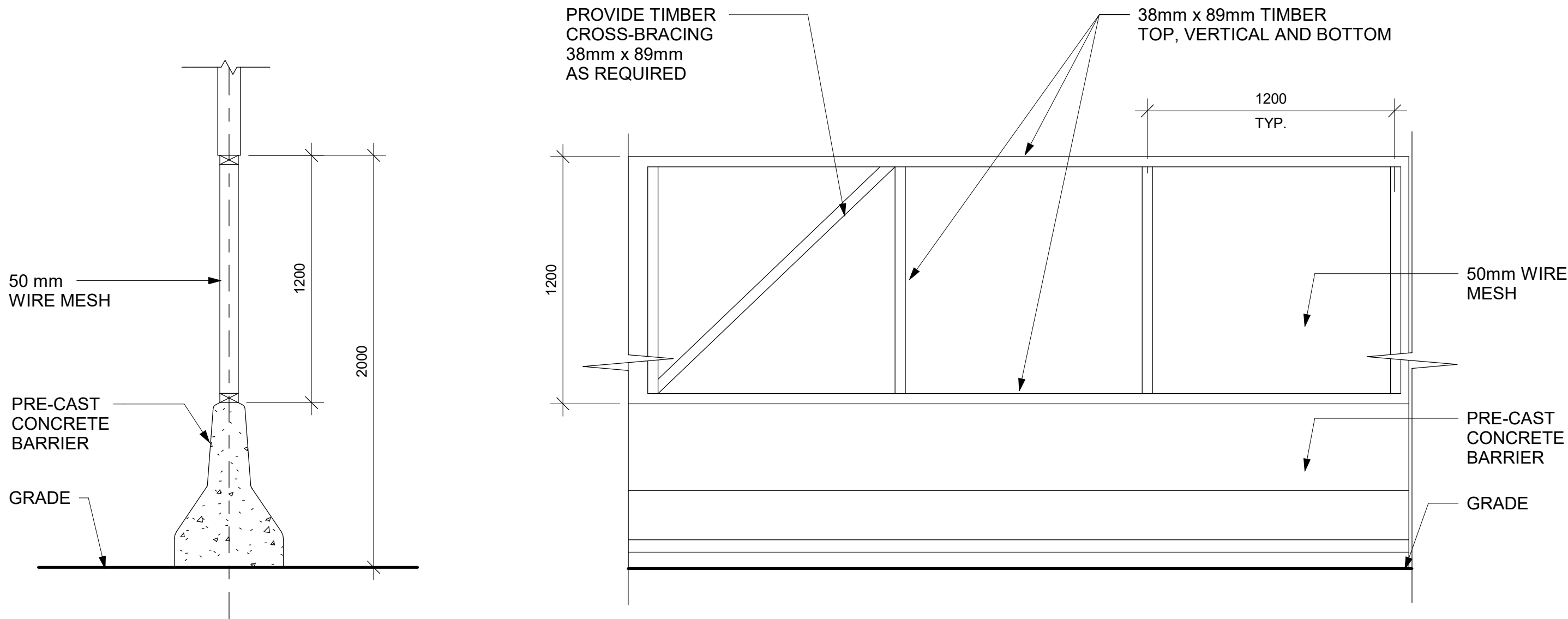
ISSUE
A



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



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



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

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

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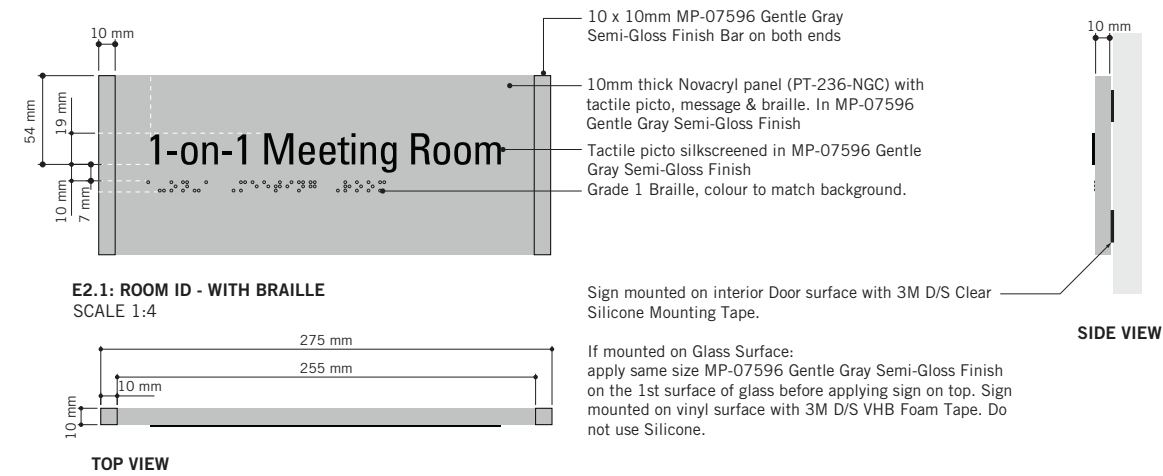
SEAL

PROJECT ADDRESS

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

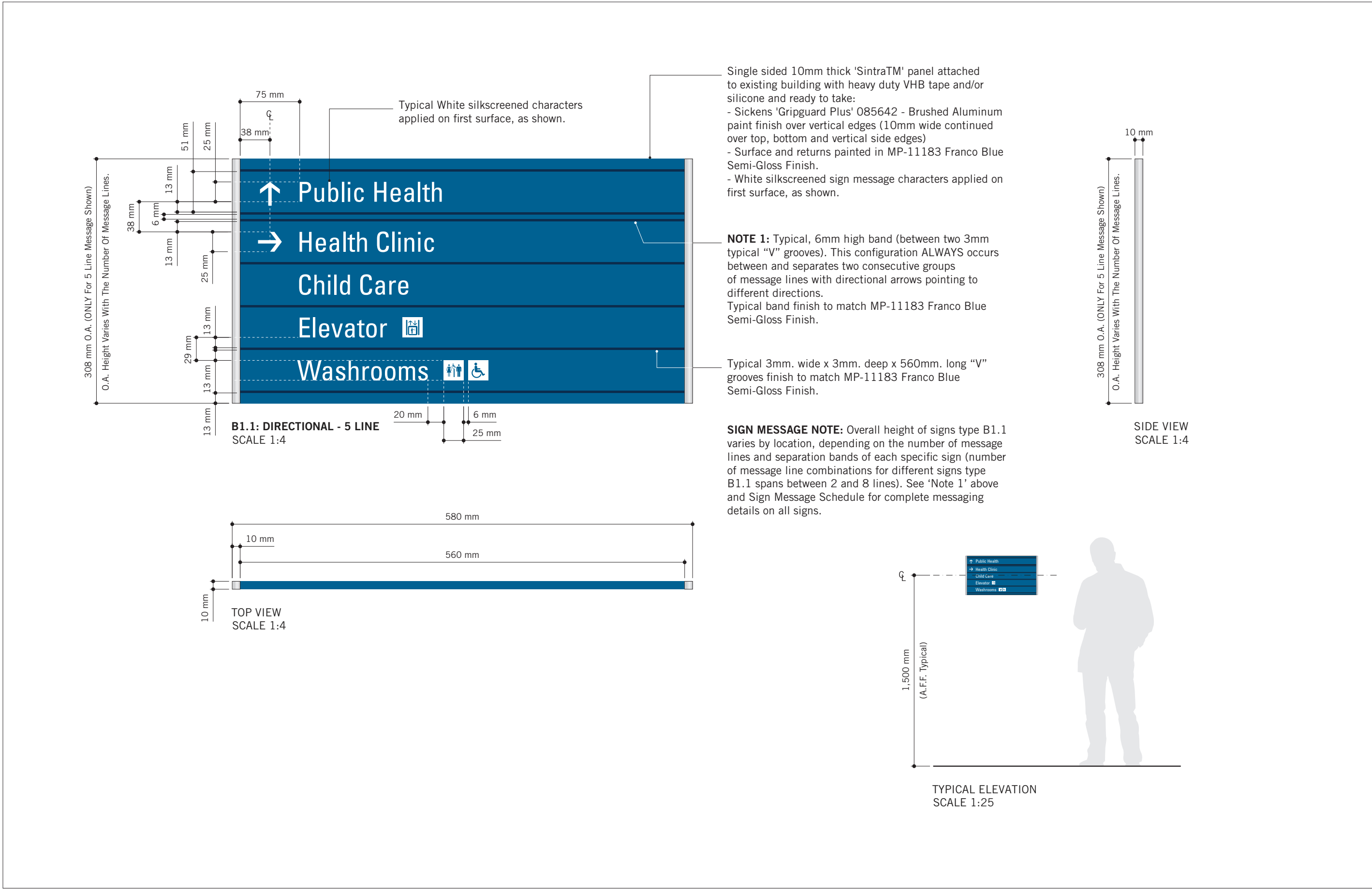
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

Figure 1 illustrates a 2D Gaussian process. The top part shows a sparse grid of points, while the bottom part shows a dense grid of points, with a shaded region indicating the area of interest.



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

ISSUE
A



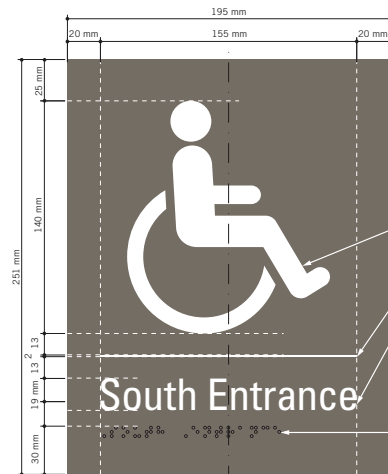
TYPICAL TORONTO ARCHIVES BUILDING STANDARDS



BLACK



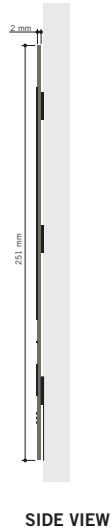
PUMPERNICKLE
Matthews Acrylic
MP-06179
Semi-Gloss Finish



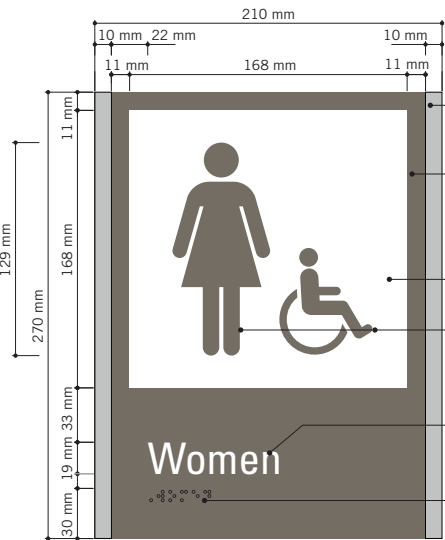
H2.2 ACCESSIBLE ENTRANCE ID - EXTERIOR
SCALE 1:2



TOP VIEW



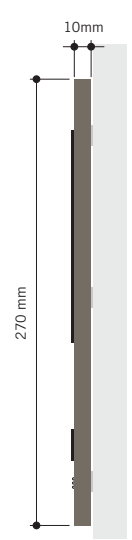
SIDE VIEW



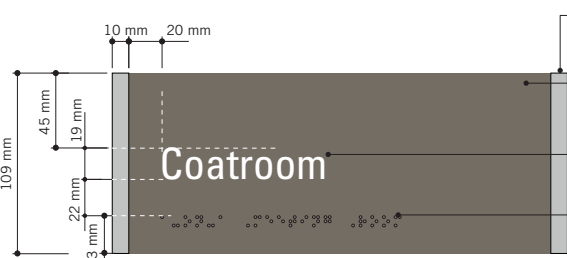
H1.1: AMENITY ID
SCALE 1:4



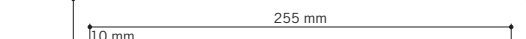
TOP VIEW



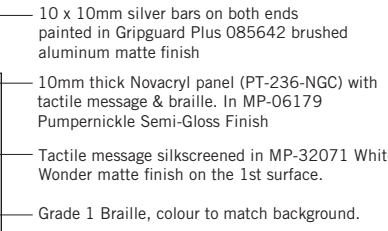
SIDE VIEW



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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CITY OF TORONTO

Toronto

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TORONTO, ON
M5V 3C6

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www.arcadis.com

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

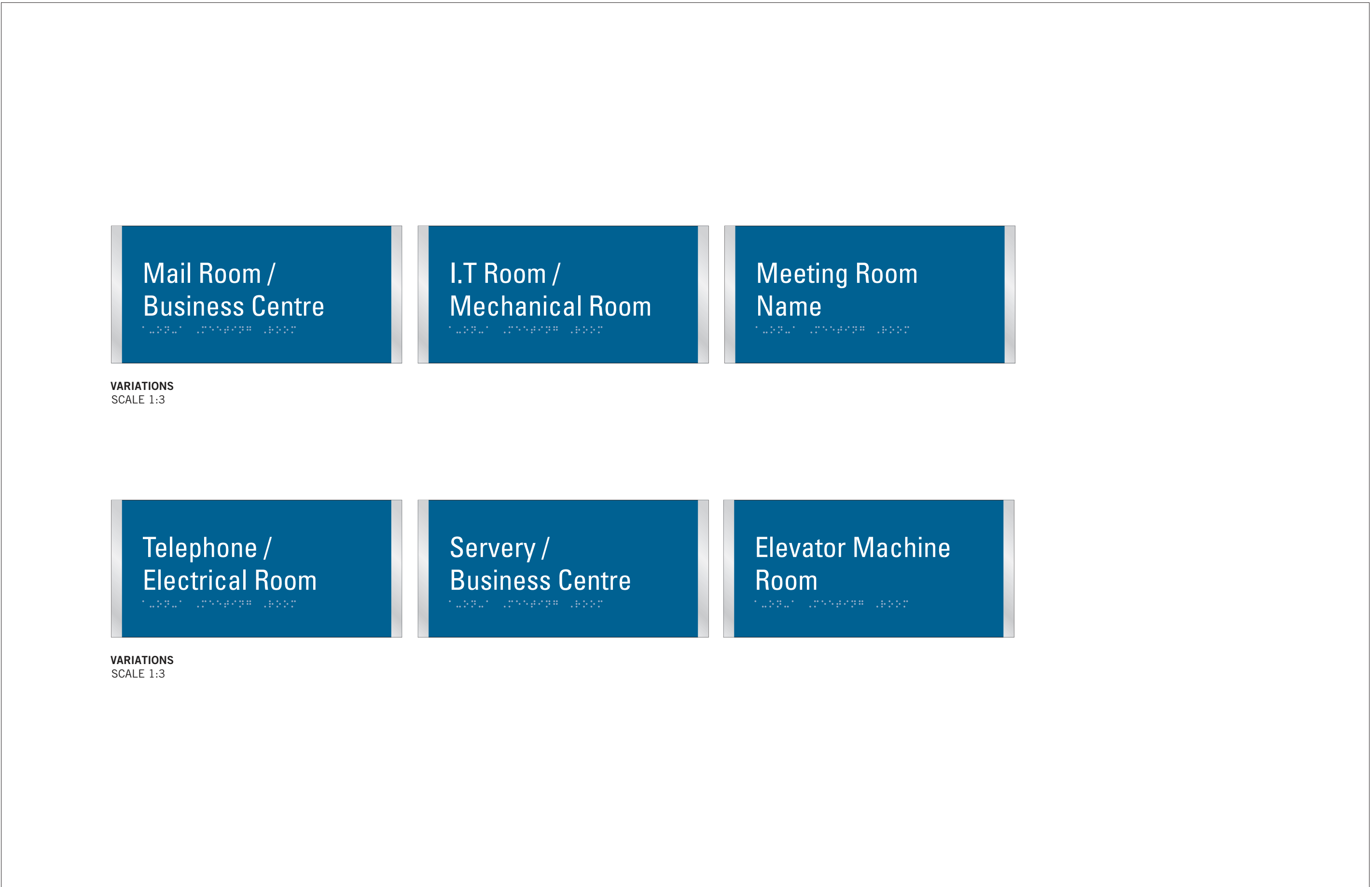
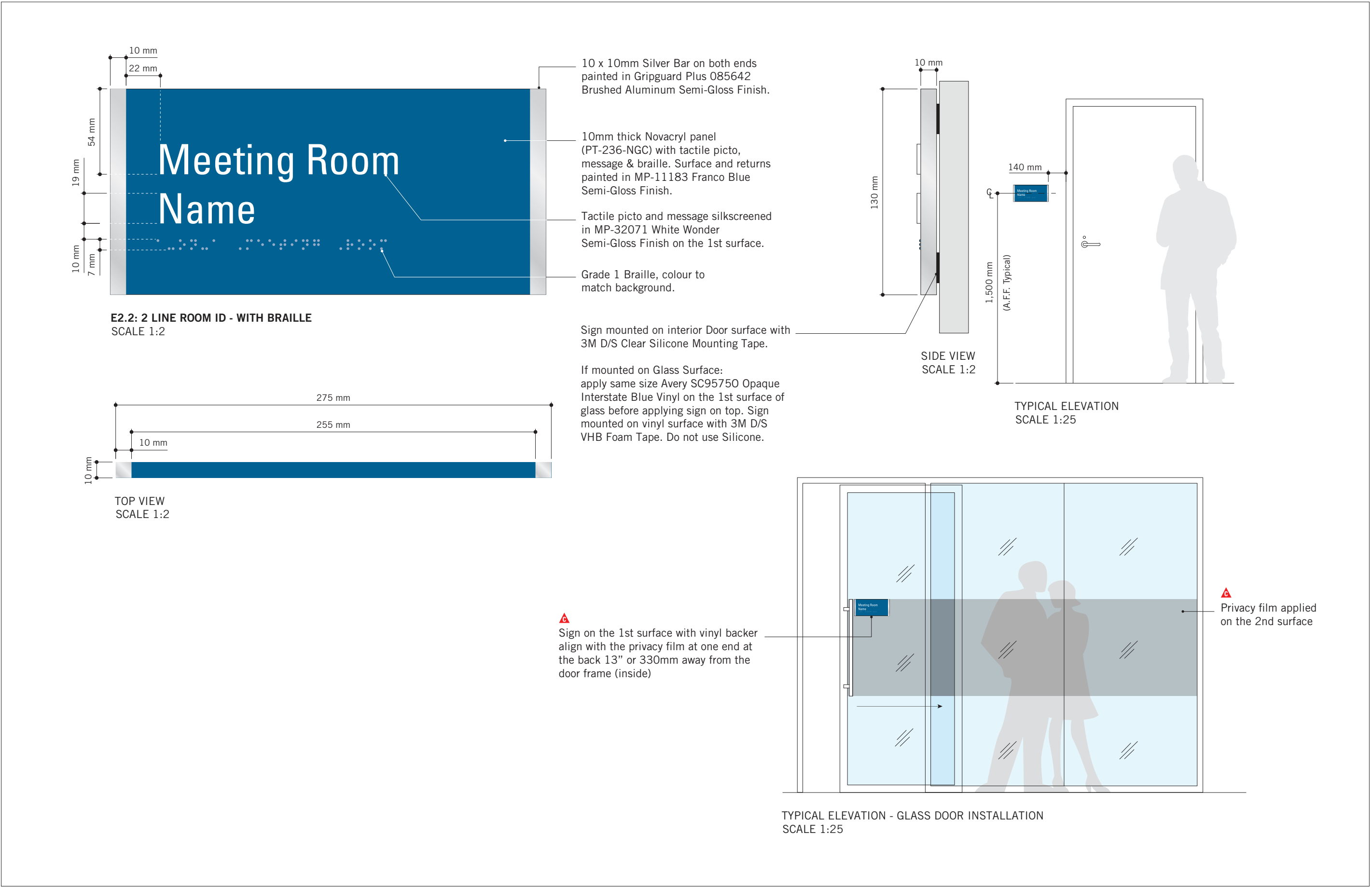
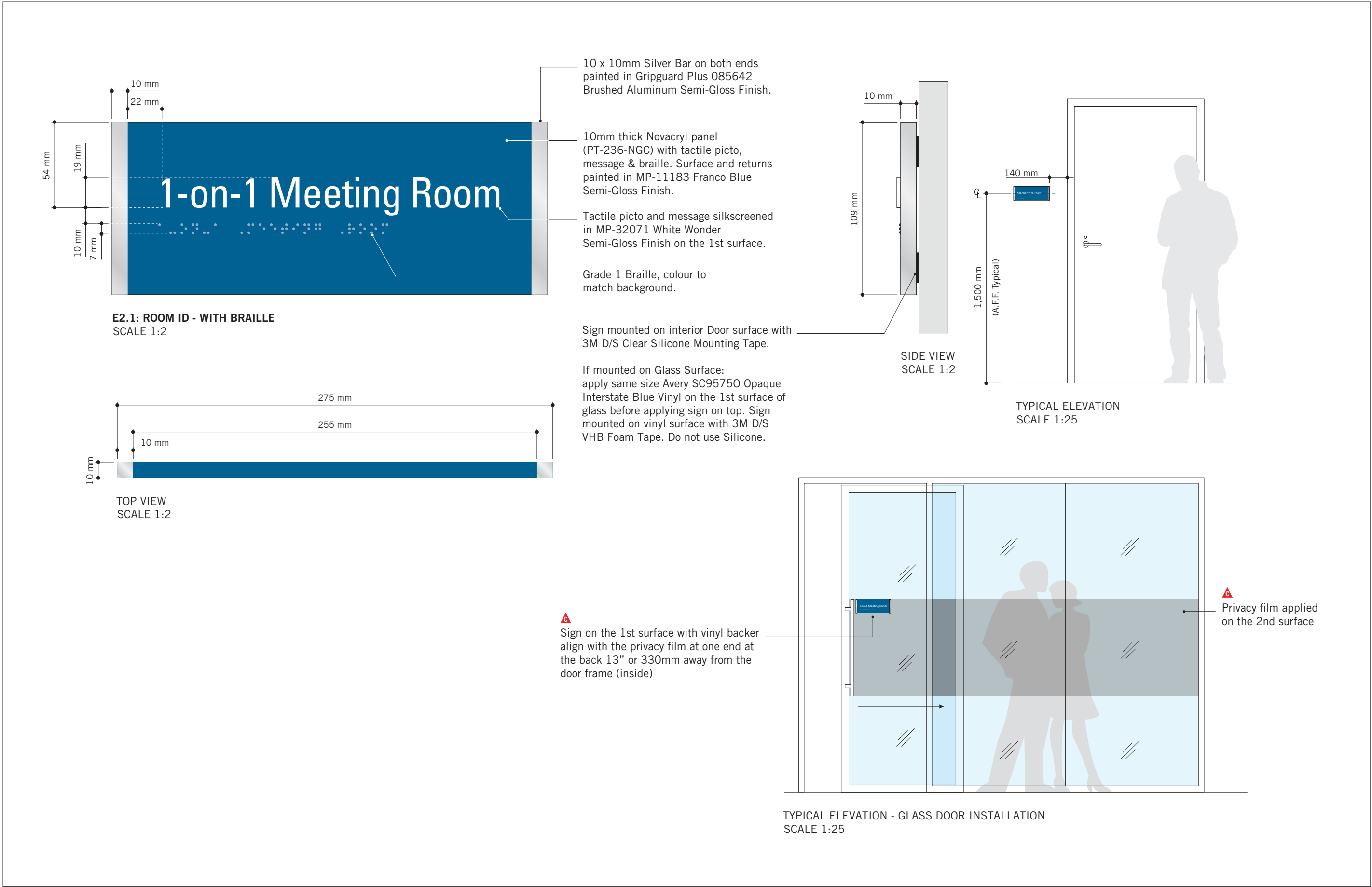
SIGNAGE & WAYFINDING
DETAILS
B1.1: DIRECTIONAL SIGNAGE

SHEET NUMBER

D1902

ISSUE

A



| ISSUES | | |
|--------|-------------------|------------|
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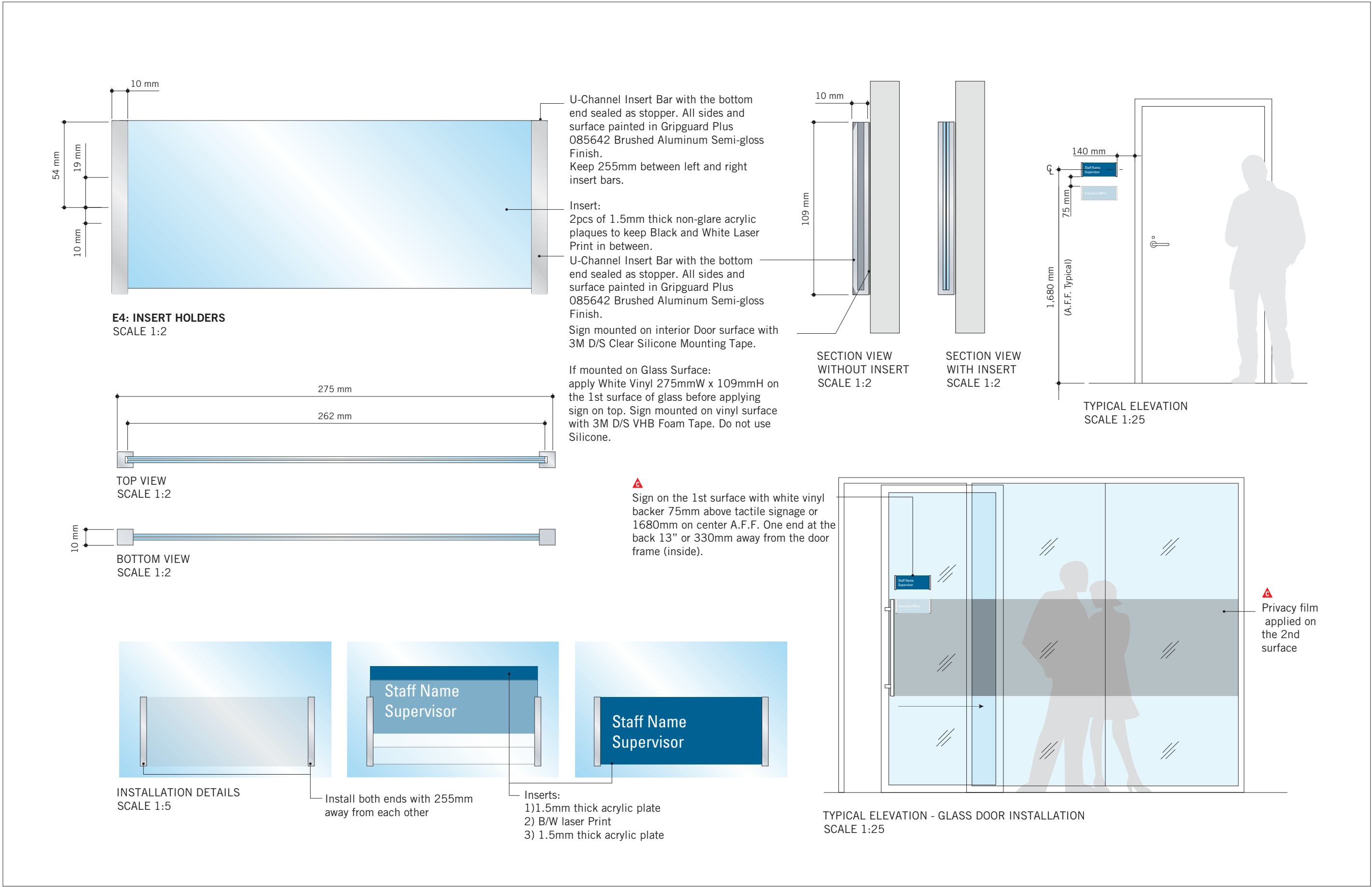
PROJECT TITLE
CITY OF TORONTO
ACCESSIBILITY UPGRADES

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 | ISSUE |
| D1903 | A |



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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

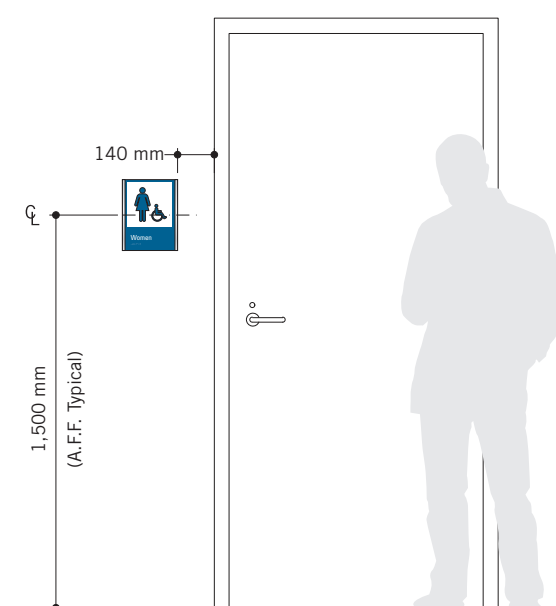
SIGNAGE & WAYFINDING
DETAILS
E4: INSERT HOLDER

SHEET NUMBER

D1904

ISSUE

A

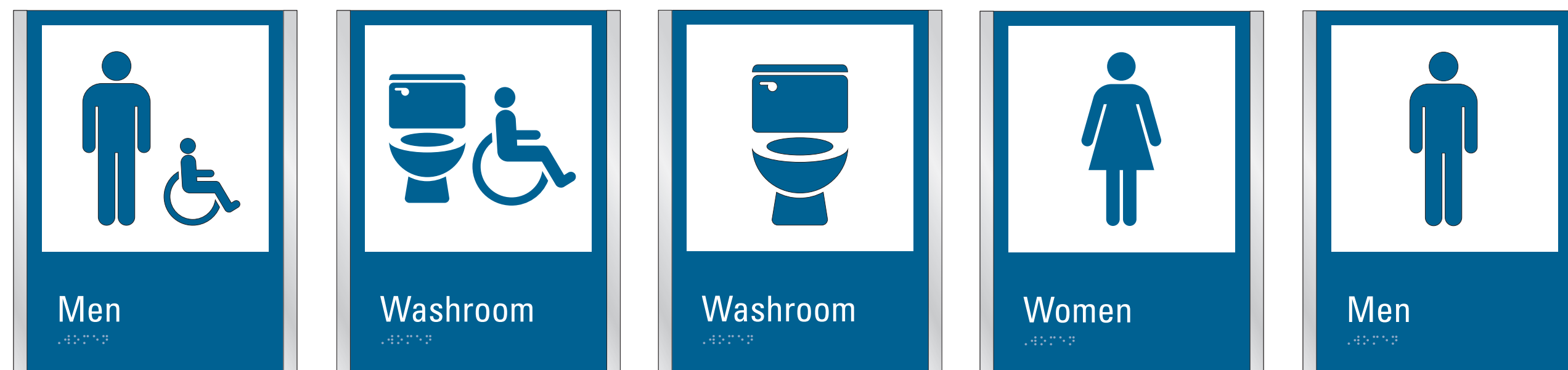


TYPICAL ELEVATION
SCALE 1:25

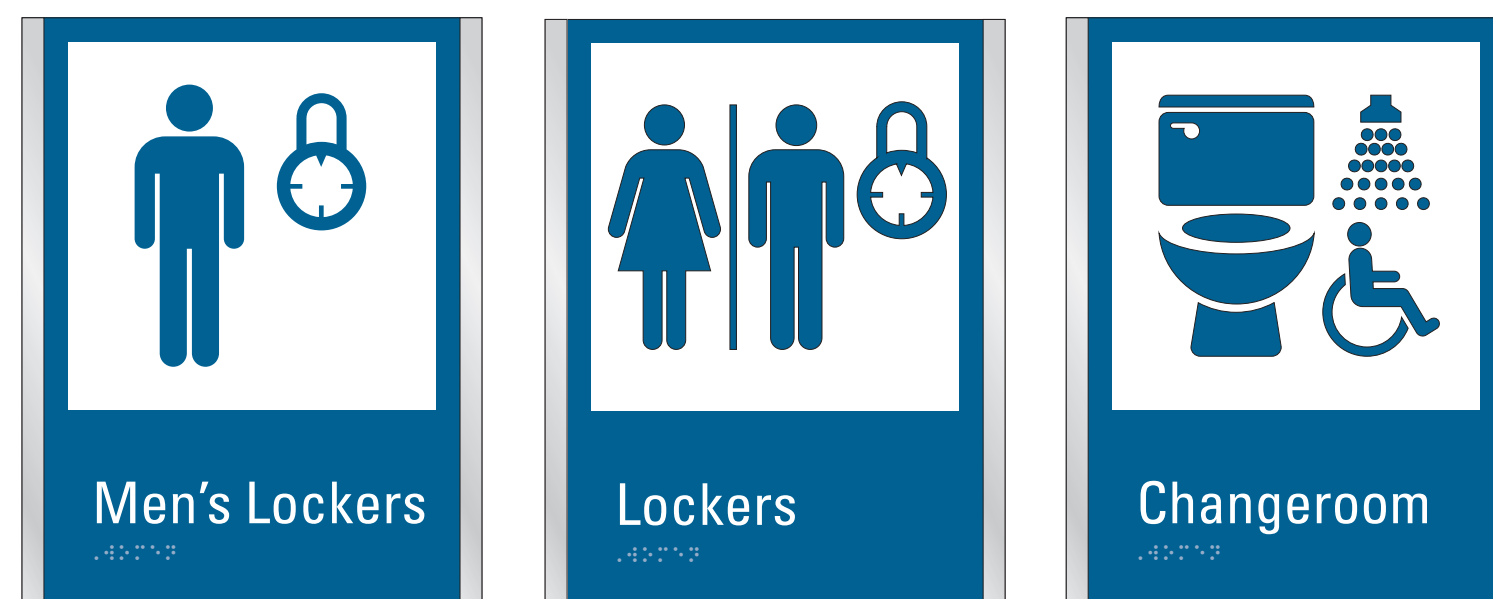
SIDE VIEW
SCALE 1:2

H1.1: AMENITY ID
SCALE 1:2

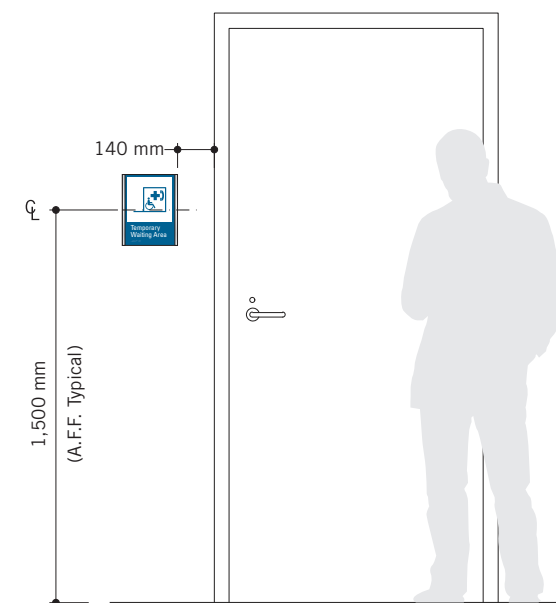
TOP VIEW
SCALE 1:2



VARIATIONS
SCALE 1-3



VARIATIONS:
SCALE 1:3

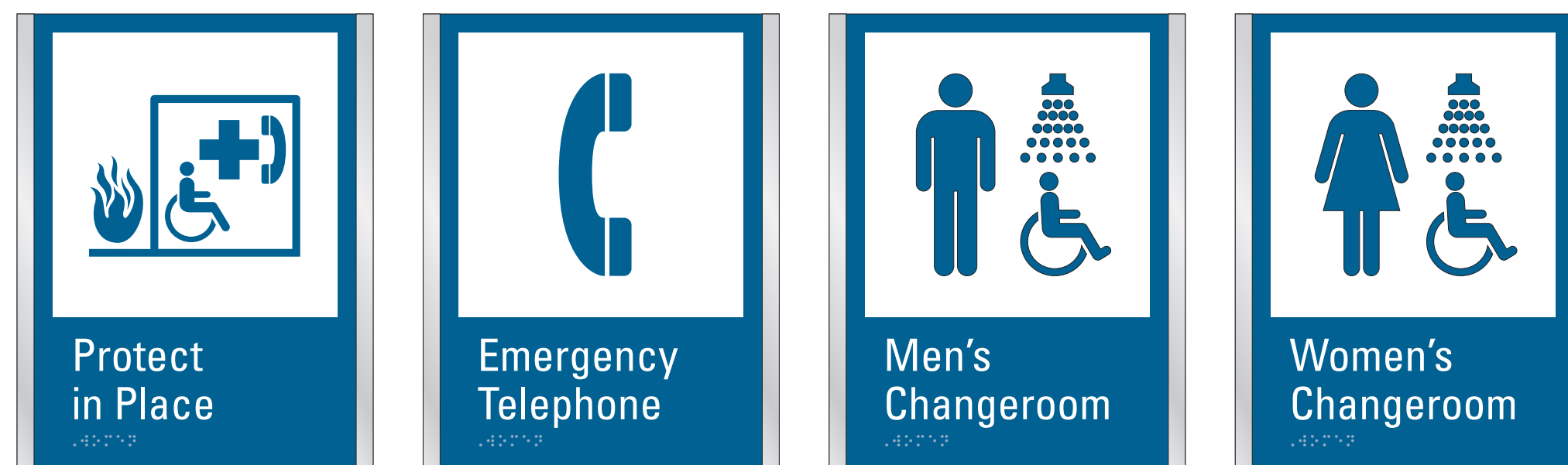


TYPICAL ELEVATION
SCALE 1:25

SIDE VIEW
SCALE 1:2

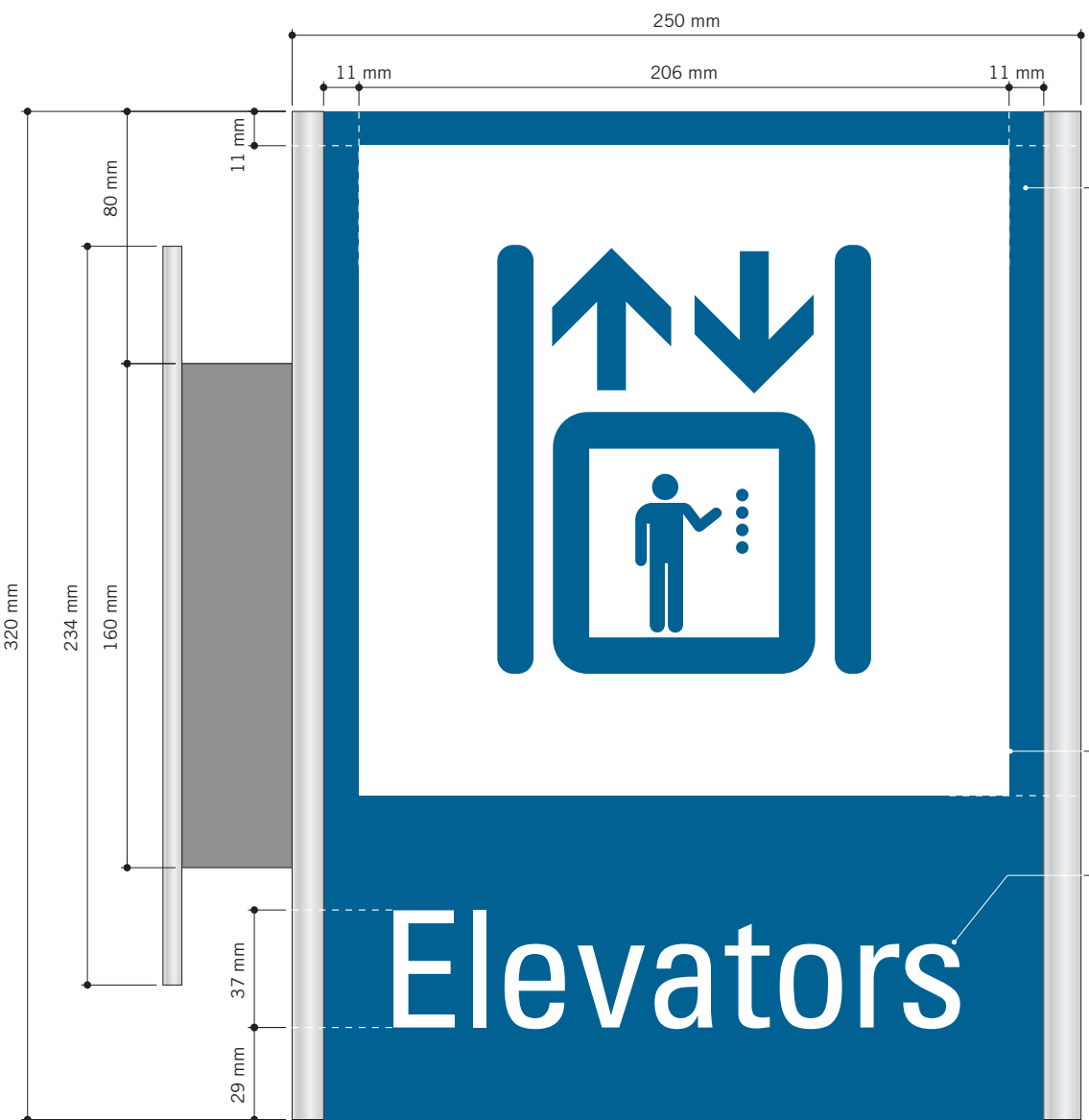
H1.1: AMENITY ID - ALTERNATE DOUBLE LINE
SCALE 1:2

TOP VIEW
SCALE 1:2

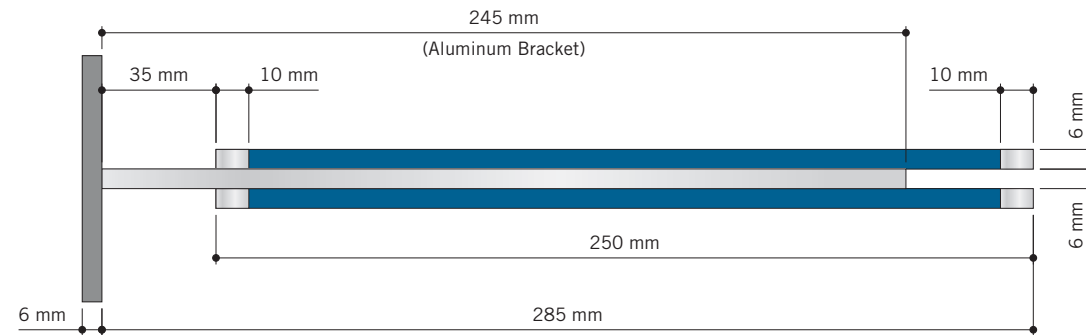


VARIATIONS
SCALE 1:3

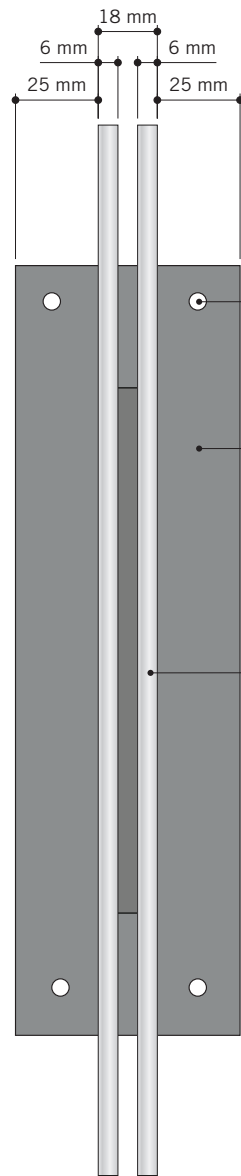




H2.1: PROJECTING AMENITY ID
SCALE 1:2



TOP VIEW
SCALE 1:2



SIDE VIEW
SCALE 1:2



TYPICAL ELEVATION
SCALE 1:25

(2) 6mm thick 'Sintra' panels, attached back to back to the 6mm thick Aluminum wall bracket, as shown.

Paint sign face (230mm wide continued over top & bottom) in Matthews Paint Semi-Gloss Finish MP-11183 Franco Blue.

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

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

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

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

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

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



VARIATIONS
SCALE 1:4



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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

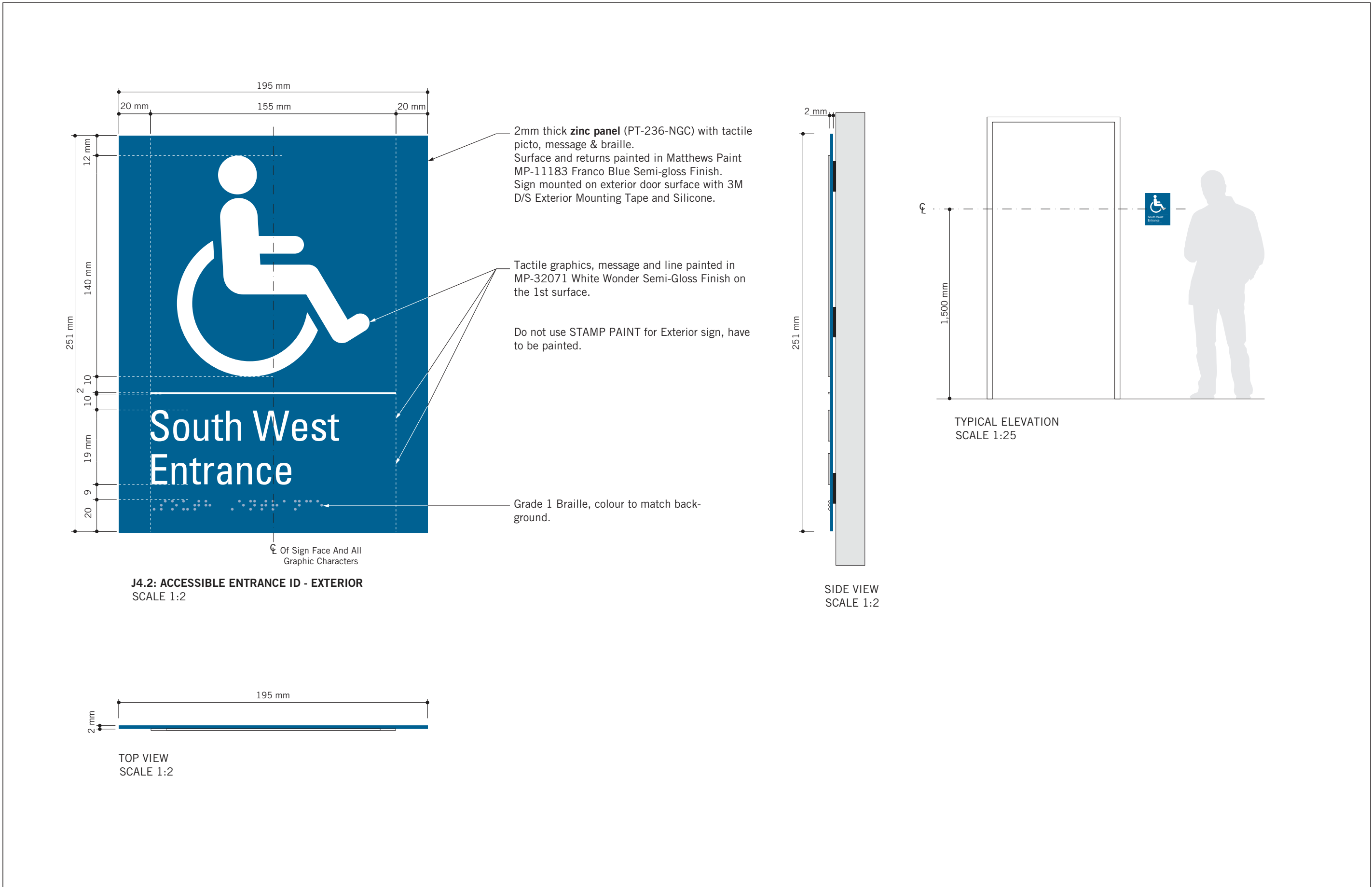
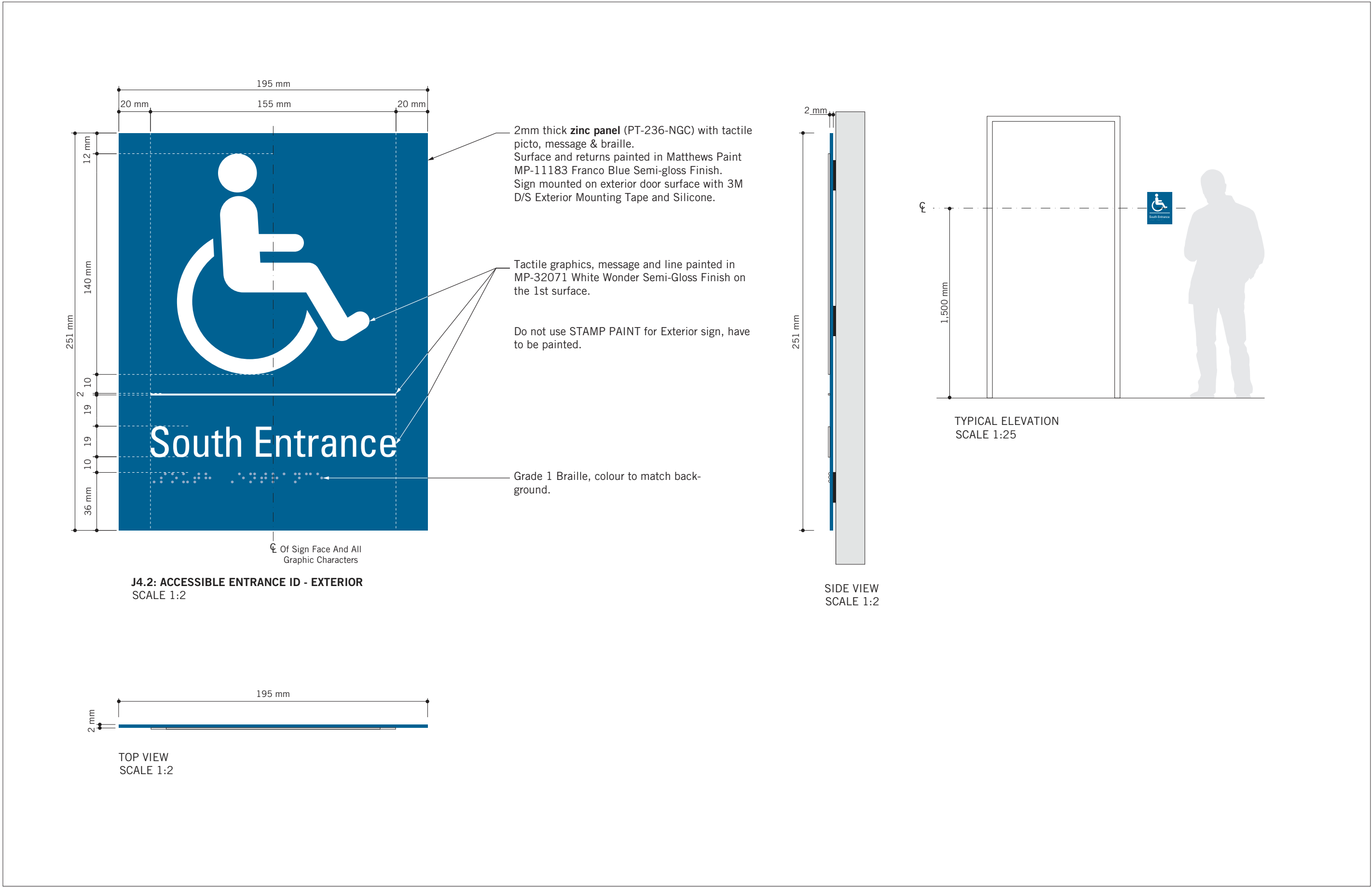
PROJECT MGR:
R. DALY

APPROVED BY:

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

SHEET NUMBER
D1906

ISSUE
A



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PROJECT TITLE
CITY OF TORONTO
ACCESSIBILITY UPGRADES

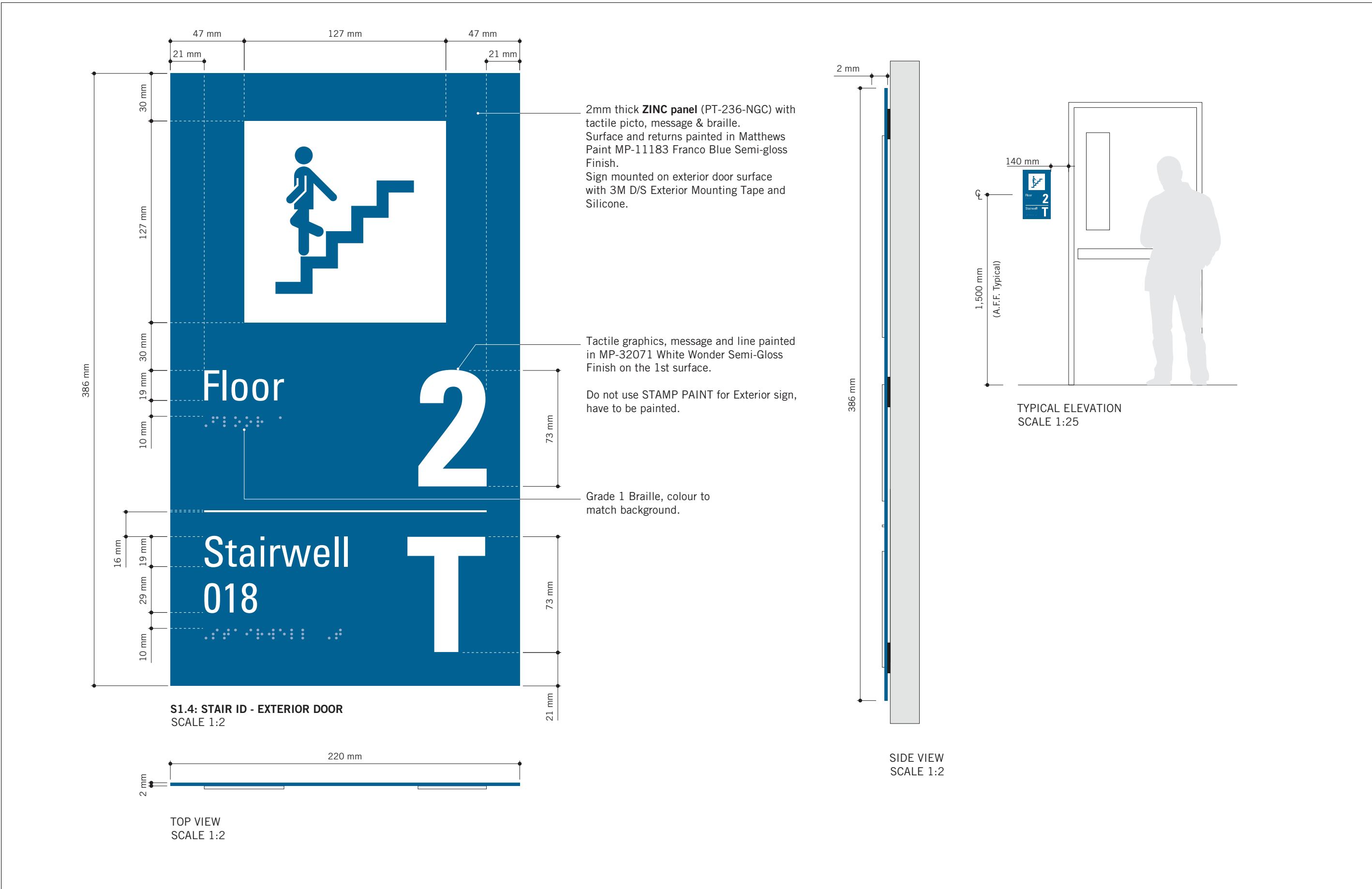
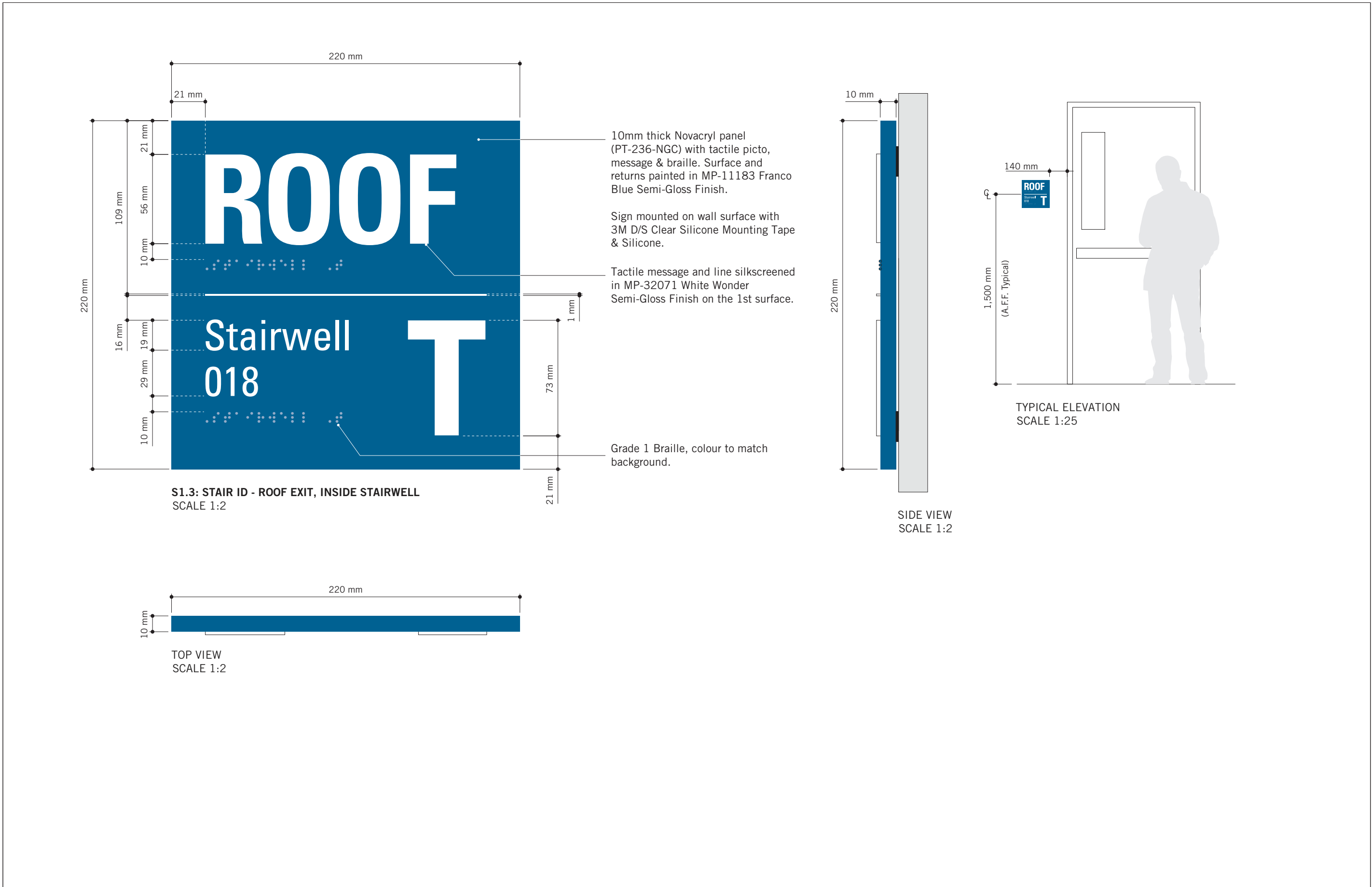
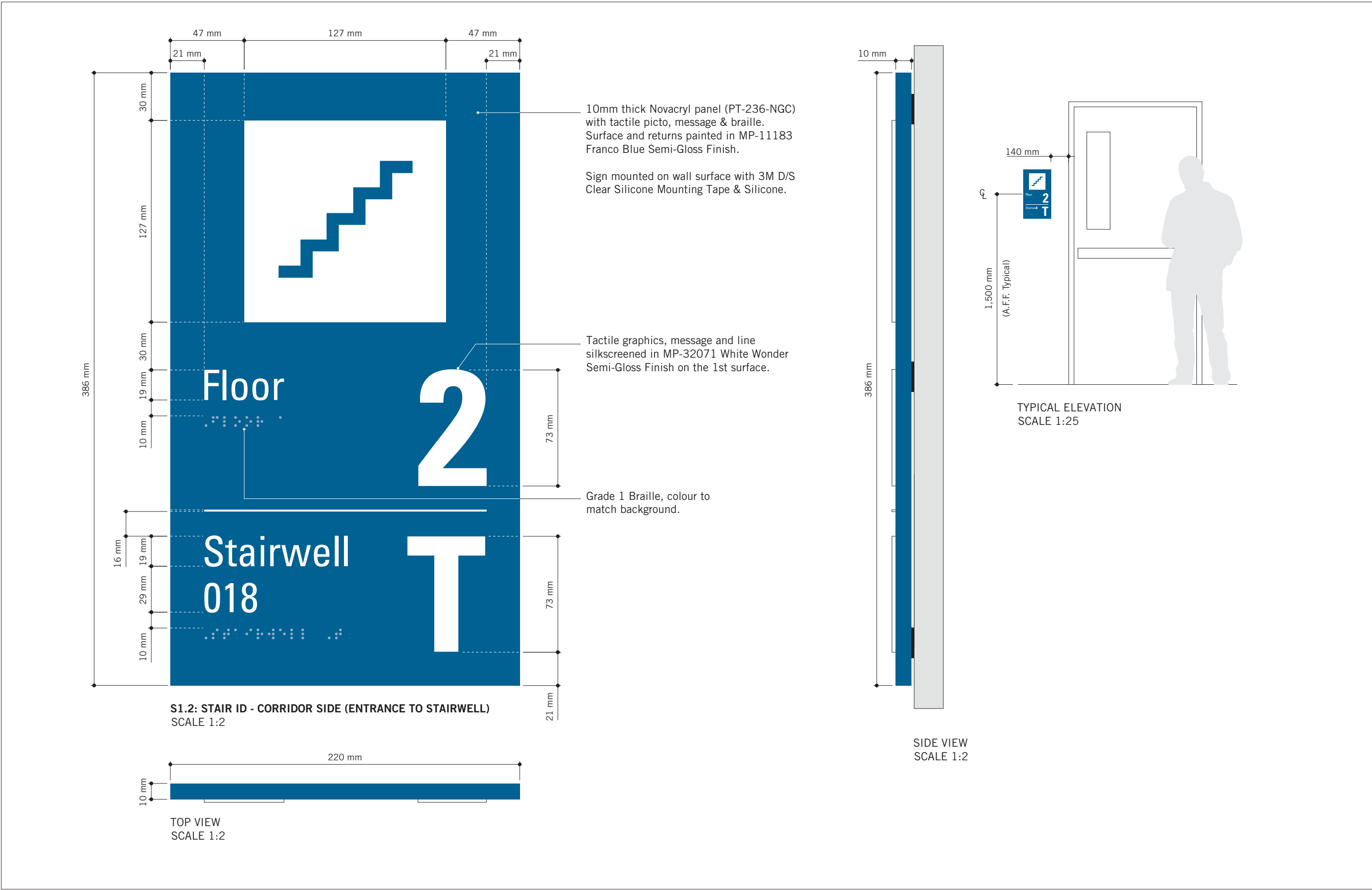
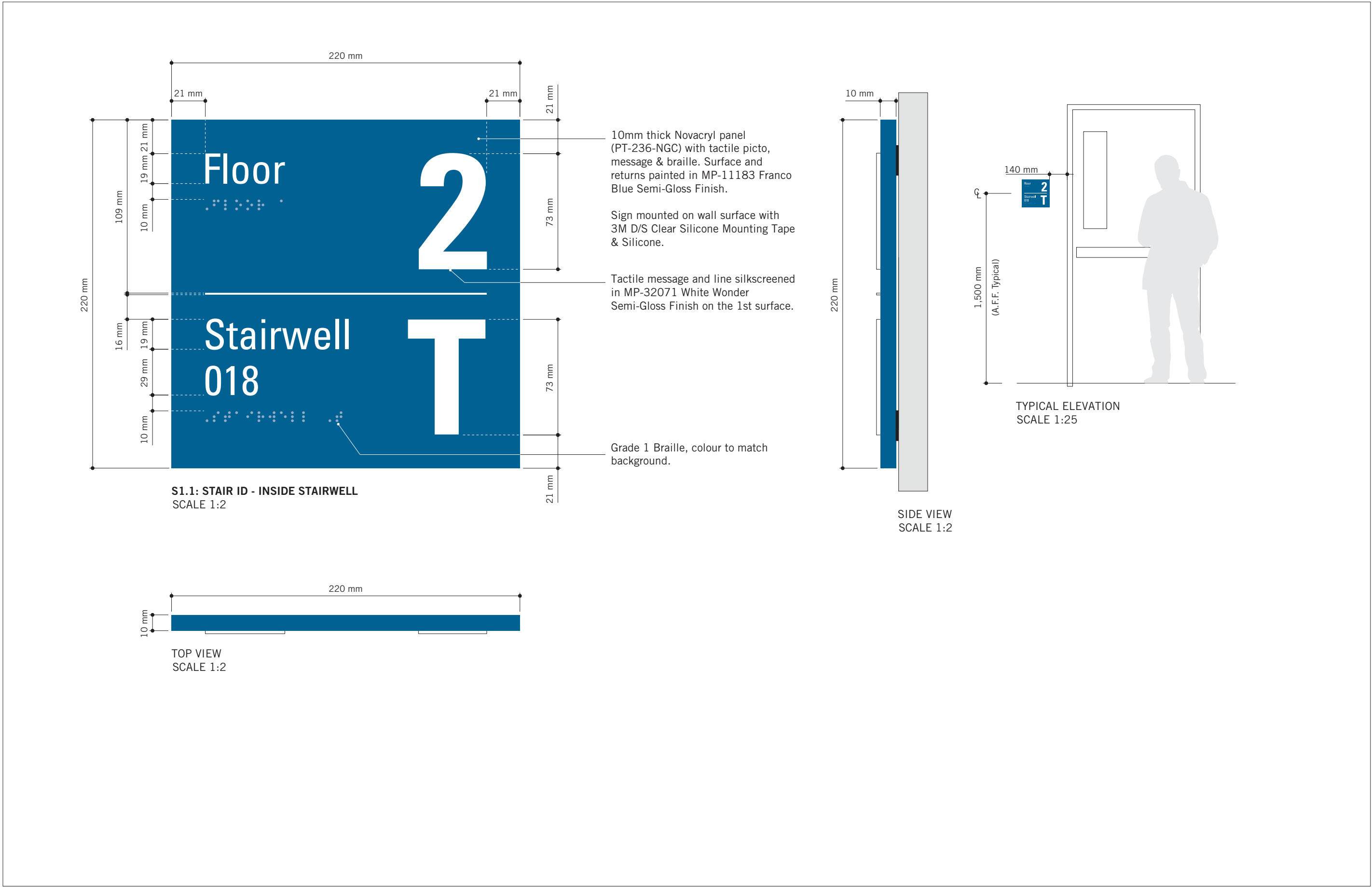
PROJECT ADDRESS
GROUP 05 BUILDINGS

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 |
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PROJECT TITLE

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ACCESSIBILITY UPGRADES

PROJECT ADDRESS

GROUP 05 BUILDINGS

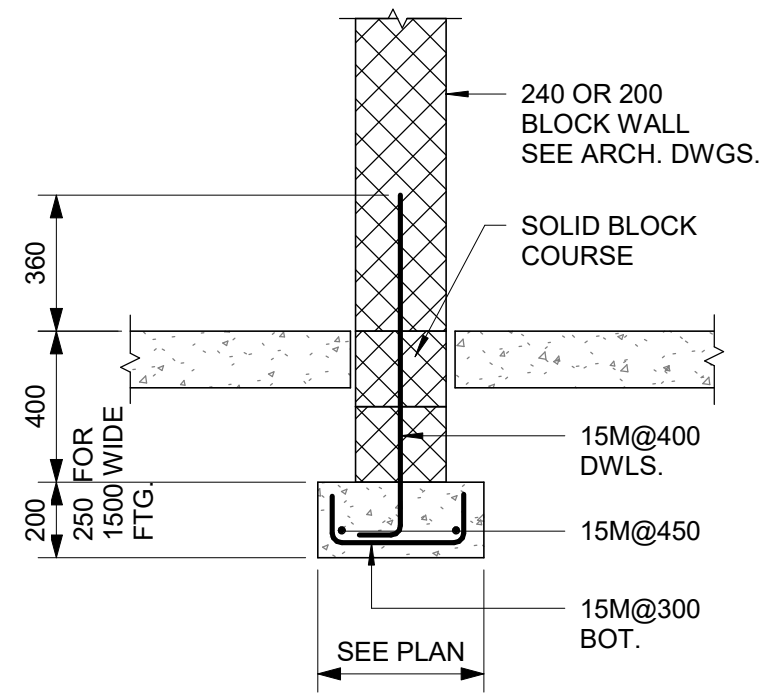
PROJECT NO:
9119 – 19 – 0162 / Arcadis 30279056

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

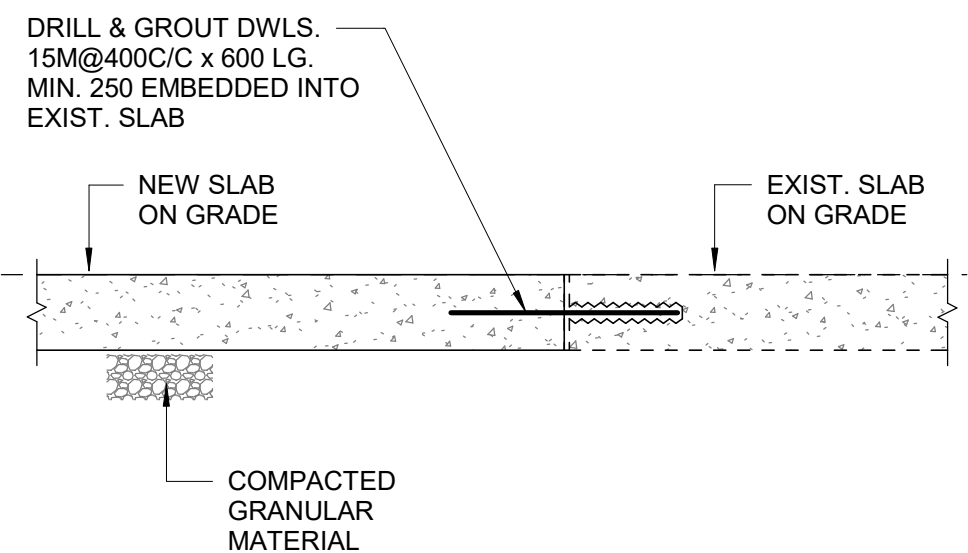
SHEET TITLE

SIGNAGE & WAYFINDING
DETAILS
S1: STAIR ID

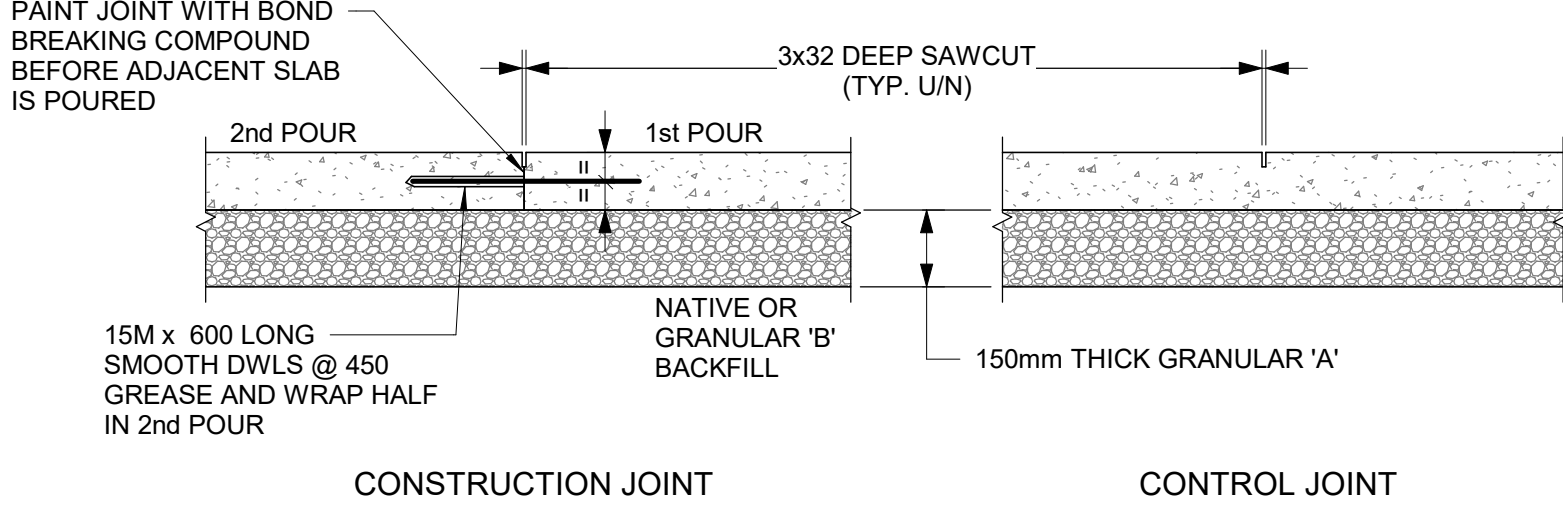
| | |
|--------------|-------|
| SHEET NUMBER | ISSUE |
| D1908 | A |



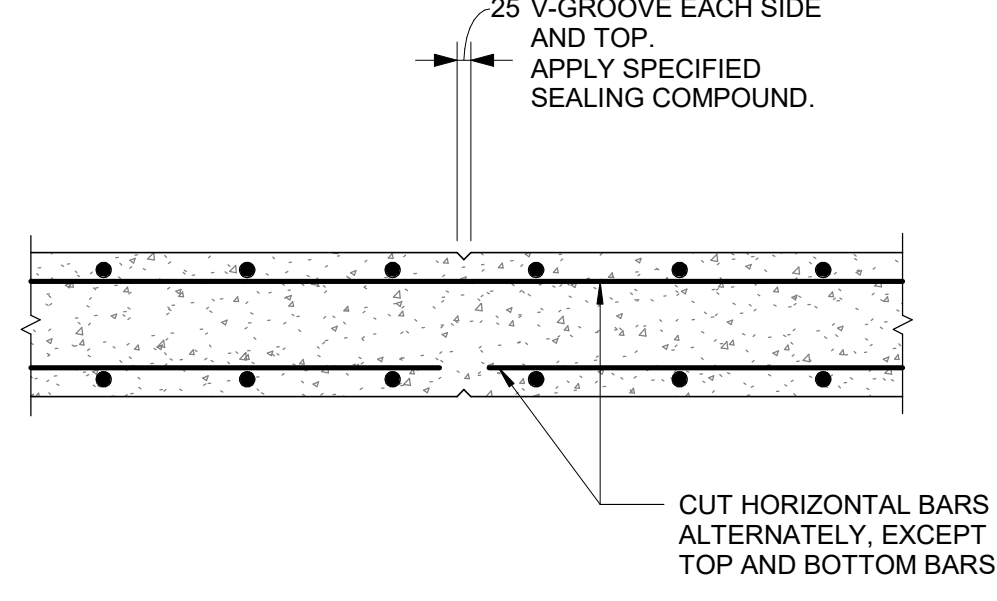
1 INTERIOR FOUNDATION WALL
D2100 Scale: NTS



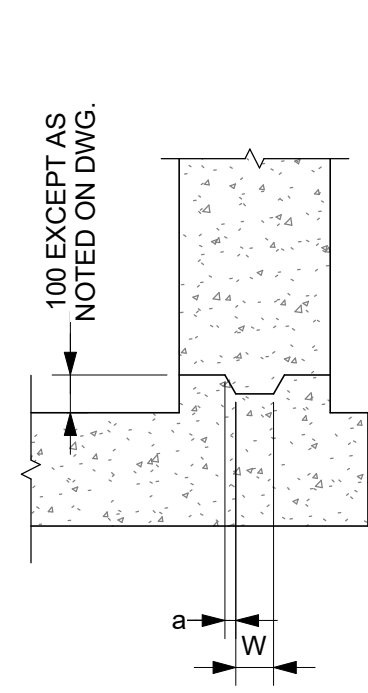
2 NEW SLAB CONNECTION TO EXISTING SLAB
D2100 Scale: NTS



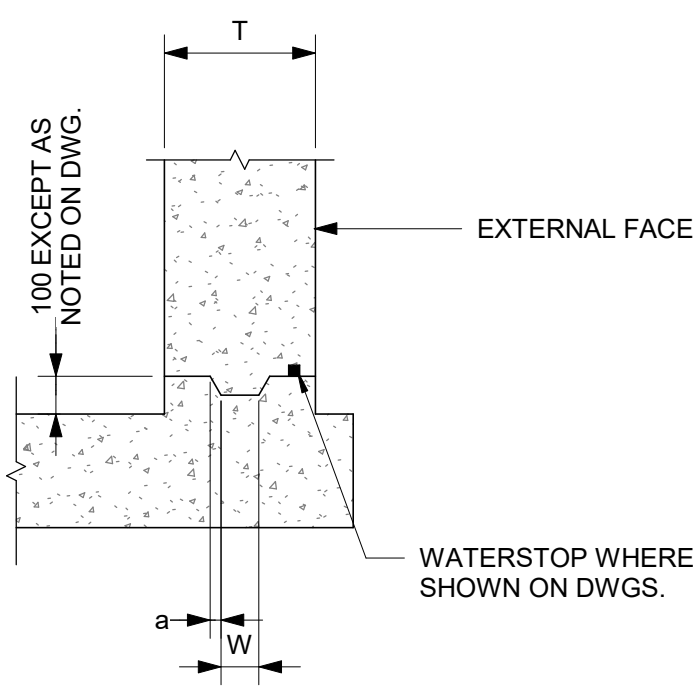
3 SLAB ON GRADE
D2100 Scale: NTS



4 RETAINING WALL CONTROL JOINT
D2100 Scale: 1 : 20



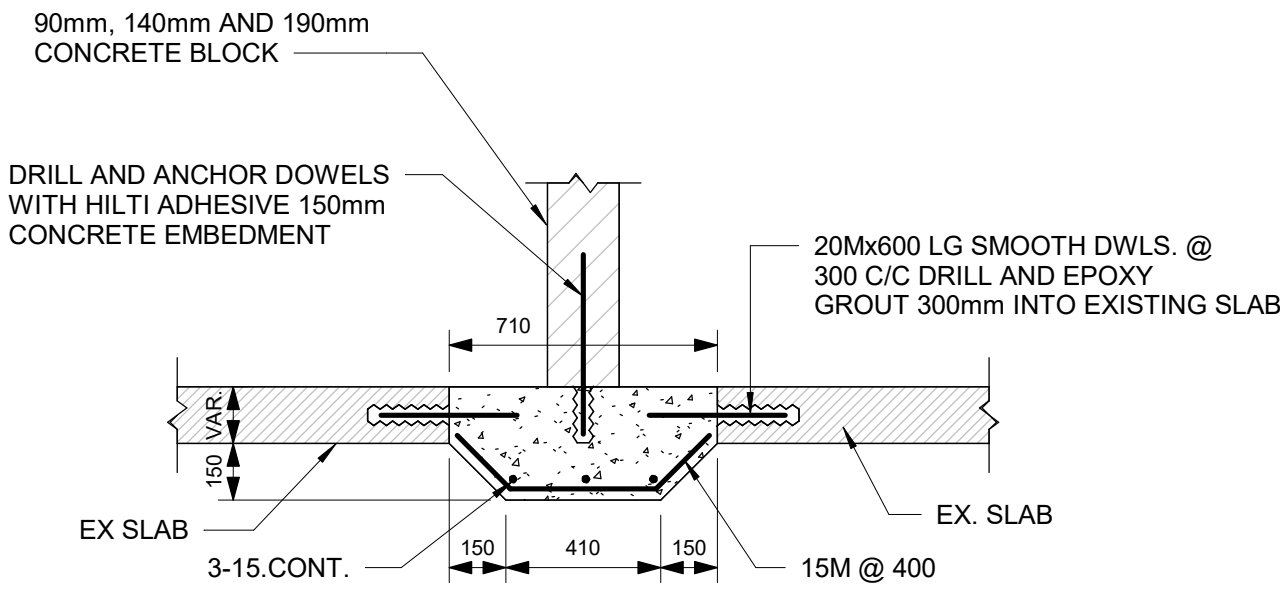
TYPE 1



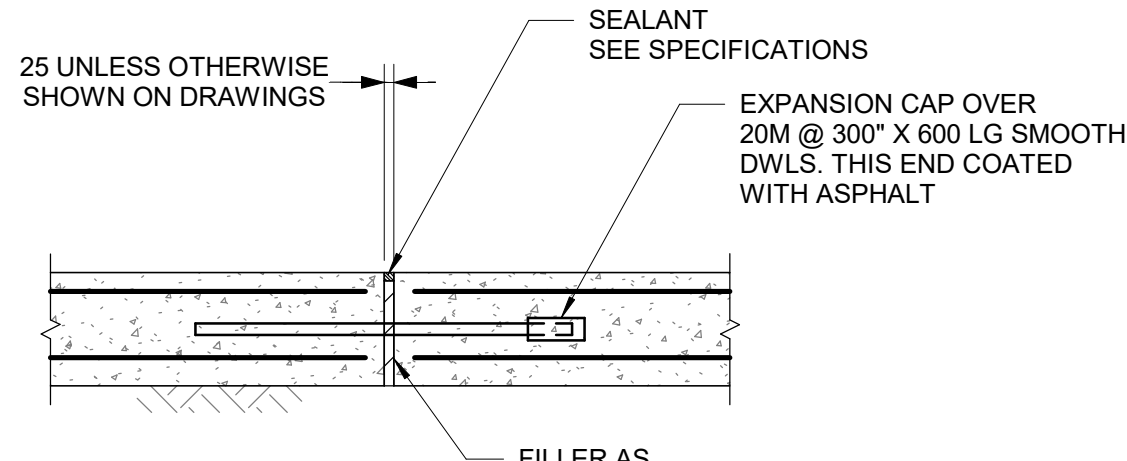
TYPE 1WS

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

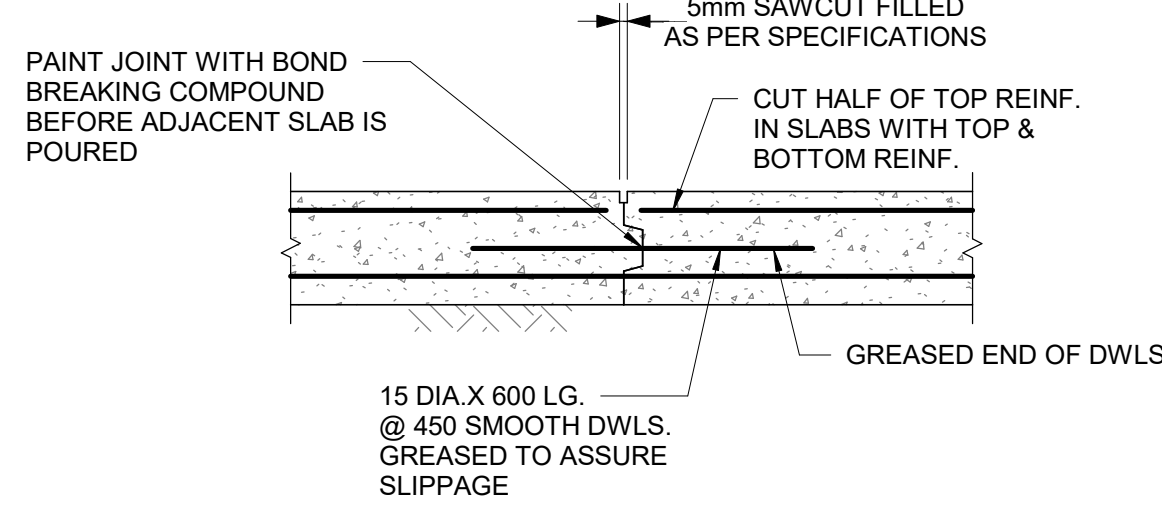
5 TYPICAL CONSTRUCTION JOINT AT EXTERIOR WALL
D2100 Scale: 1 : 20



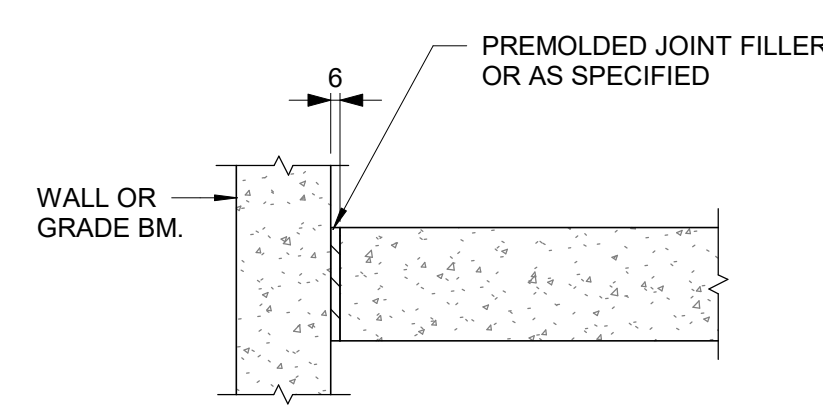
6 BLOCK WALL SLAB - THICKENING AT EXISTING SLAB
D2100 Scale: 1 : 20



EXPANSION JOINTS

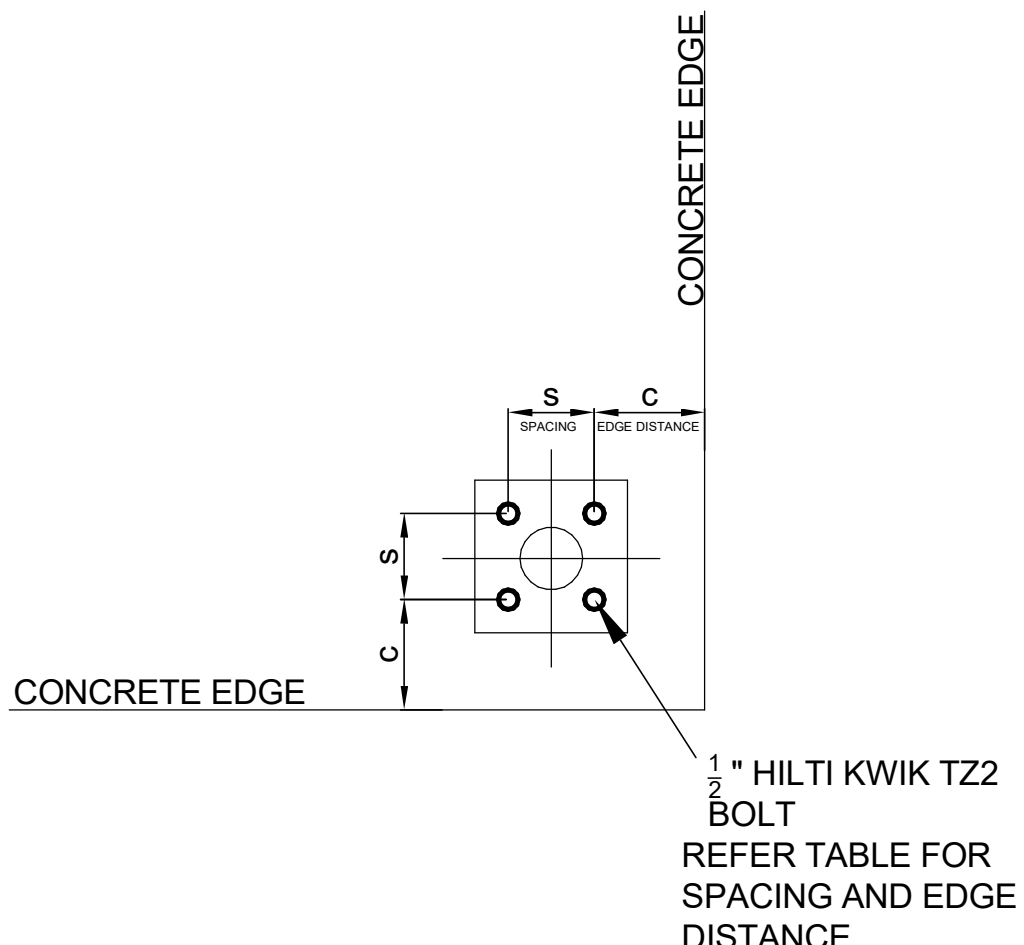


CONTROL JOINT



ISOLATION JOINT

7 FLOOR JOINTS
D2100 Scale: 1 : 20



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

| HILTI KWIKBOLT TZ2 CARBON STEEL, DIA 1/2" | | | | | |
|---|---------------------|----------------------------------|-------------------------------|----------------------------------|-------------------------------|
| CONCRETE THICKNESS | EFFECTIVE EMBEDMENT | 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 |

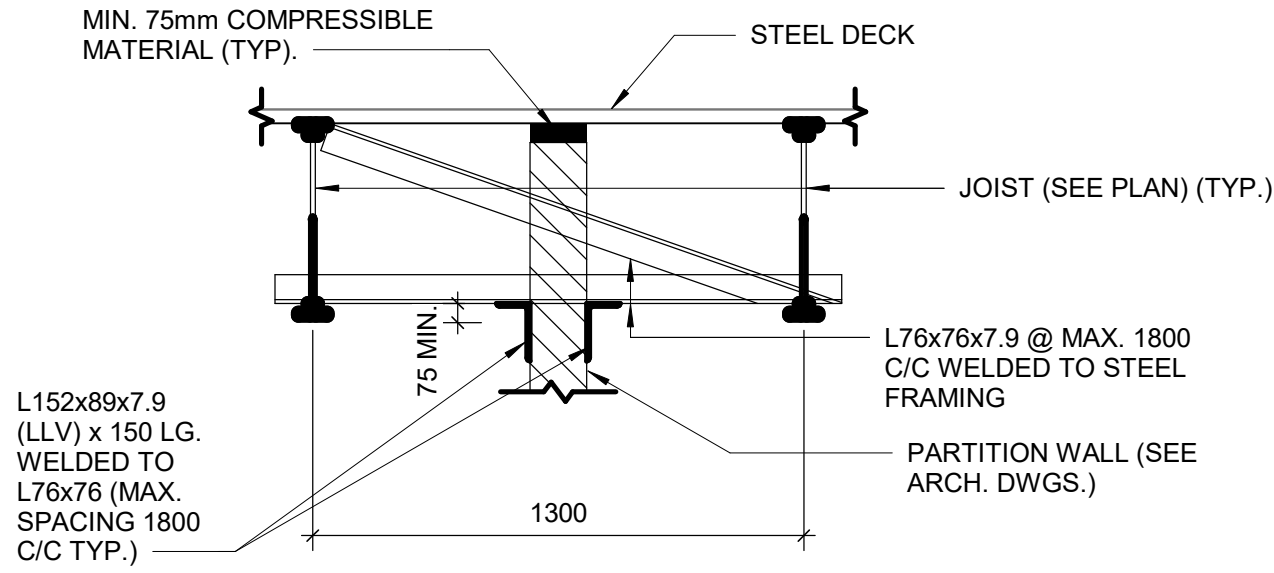
| ISSUES | | |
|--------|-------------------|------------|
| No. | DESCRIPTION | DATE |
| A | 50% SUBMISSION | 2022-04-27 |
| B | 90% SUBMISSION | 2022-07-29 |
| C | ISSUED FOR PERMIT | 2022-07-29 |
| D | ISSUED FOR TENDER | 2022-12-09 |
| E | ISSUED FOR TENDER | 2025-04-11 |

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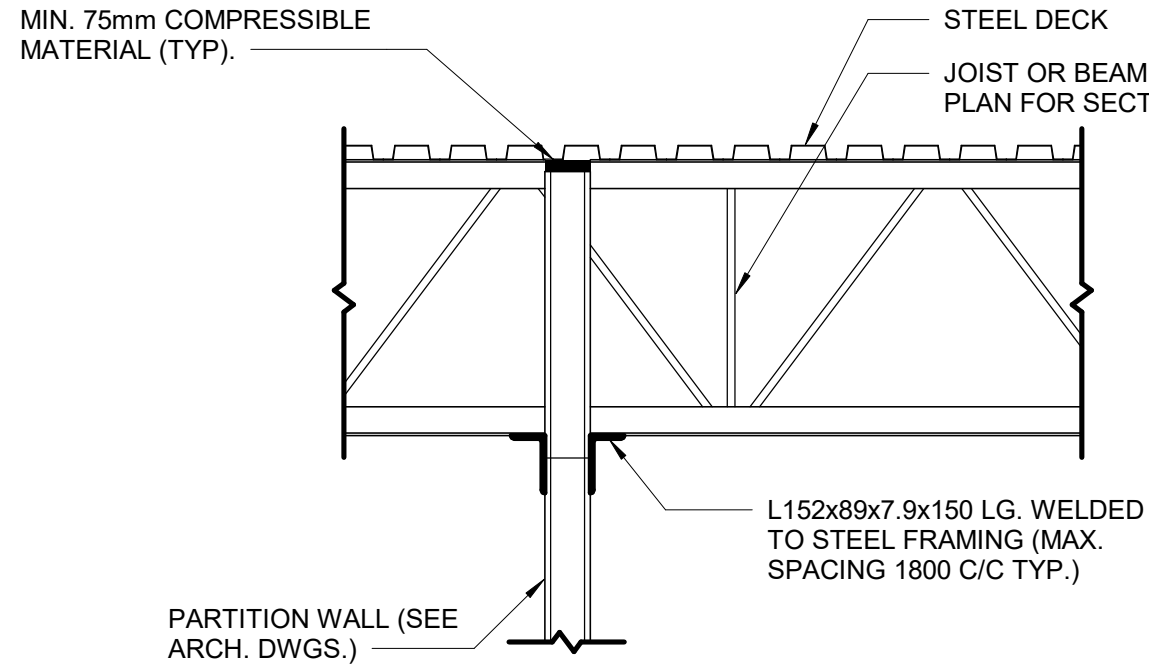
SEAL

PROJECT ADDRESS

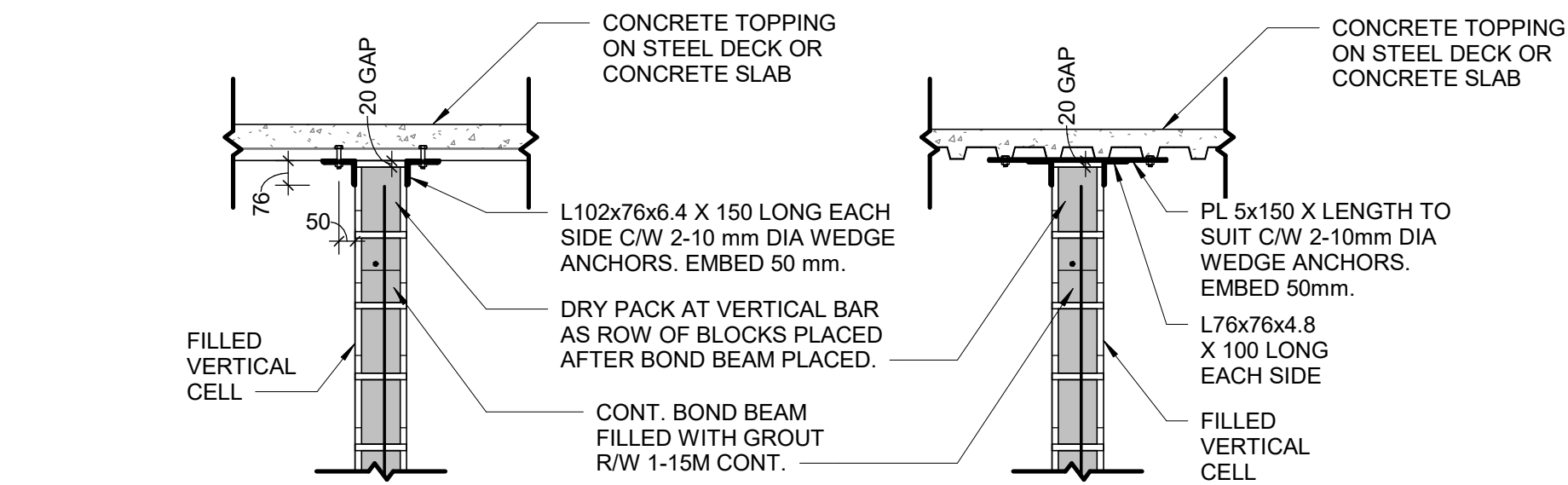
4/29/2025 11:45:10 AM



1 PARTITION WALL BETWEEN JOIST
D2200 Scale: 1 : 20

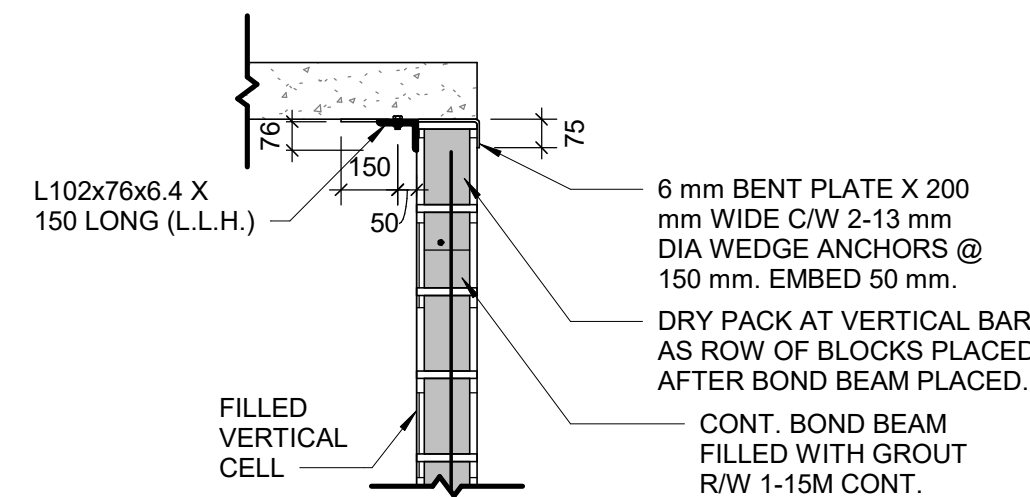


4 PARTITION WALL PERPENDICULAR TO JOIST OR BEAM
D2200 Scale: 1 : 20



ALTERNATE 1

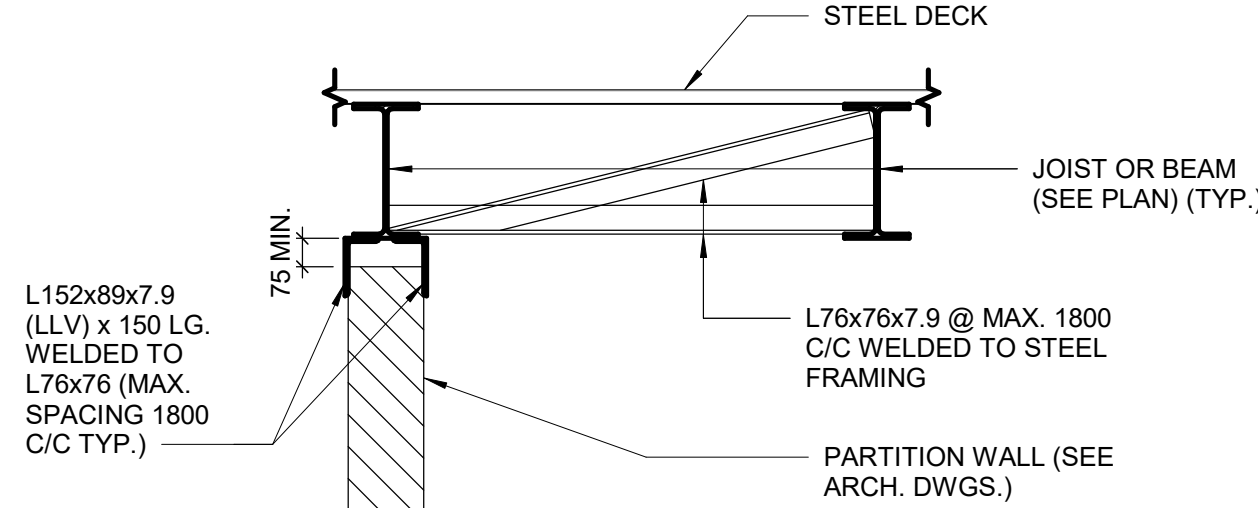
ALTERNATE 2



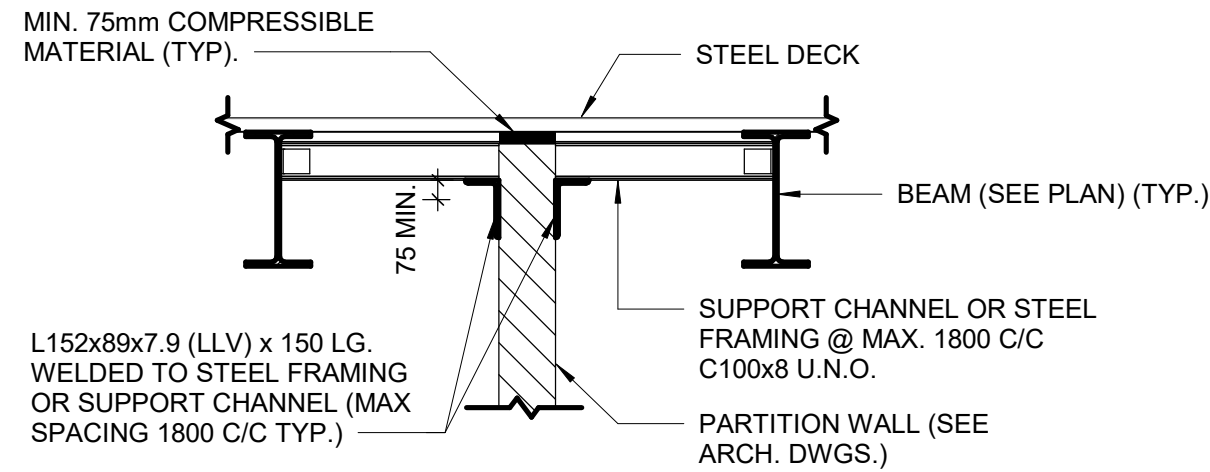
ALTERNATE 3

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.

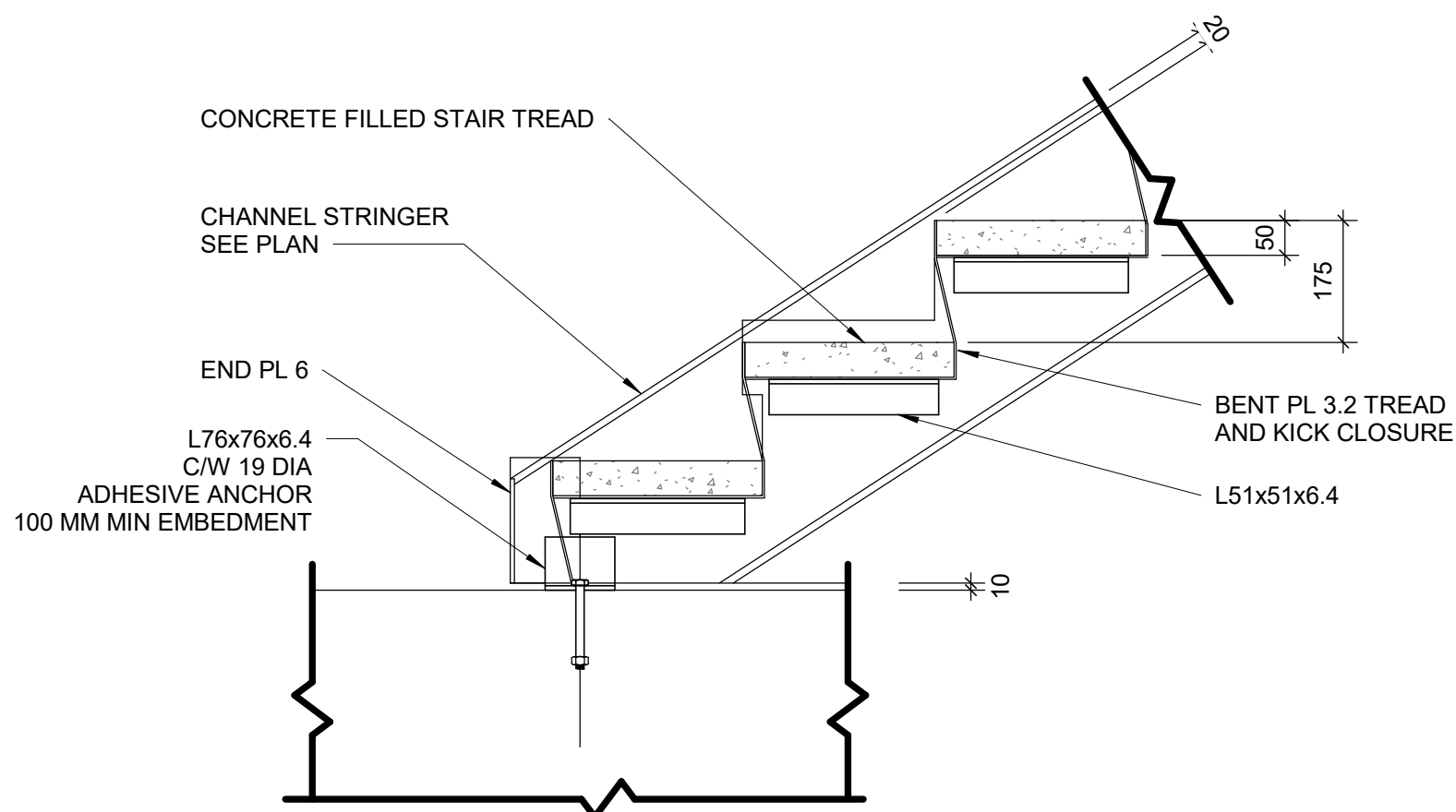
7 SUPPORT DETAIL AT TOP OF BLOCK WALL
D2200 Scale: 1 : 20



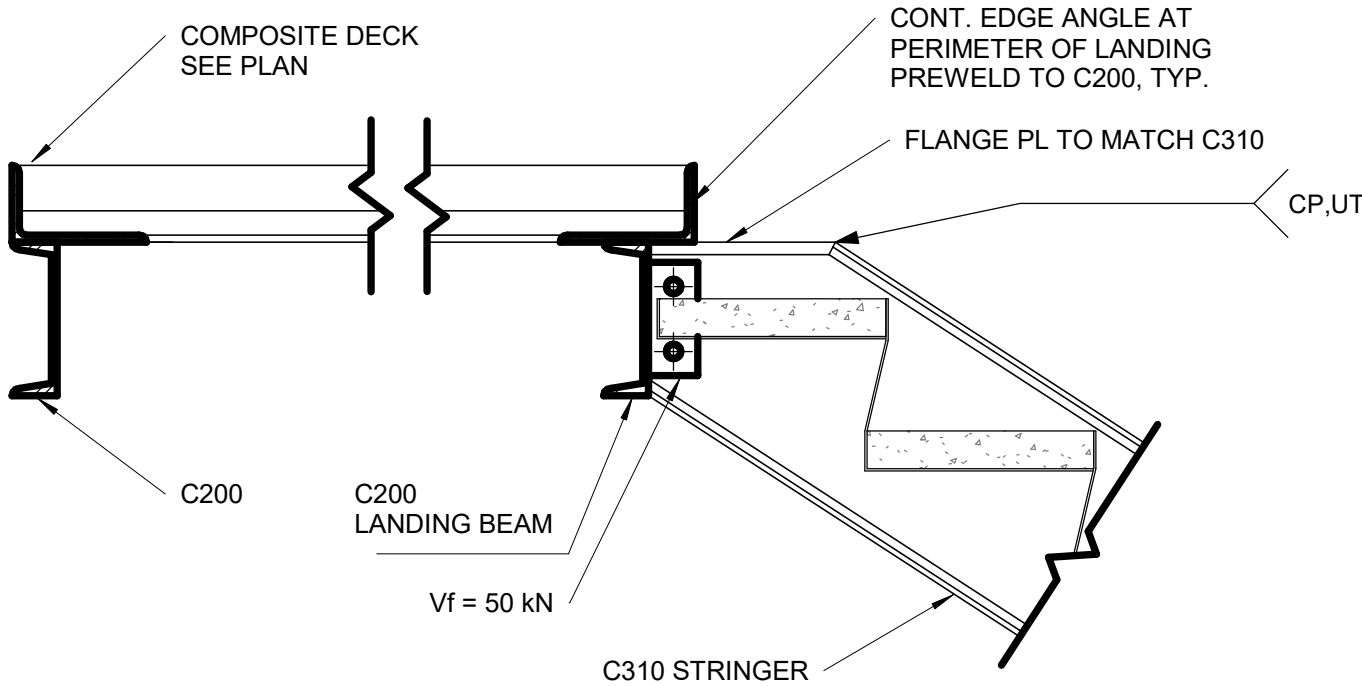
2 PARTITION WALL PARALLEL TO AND CENTERED ON JOIST OR BEAM
D2200 Scale: 1 : 20



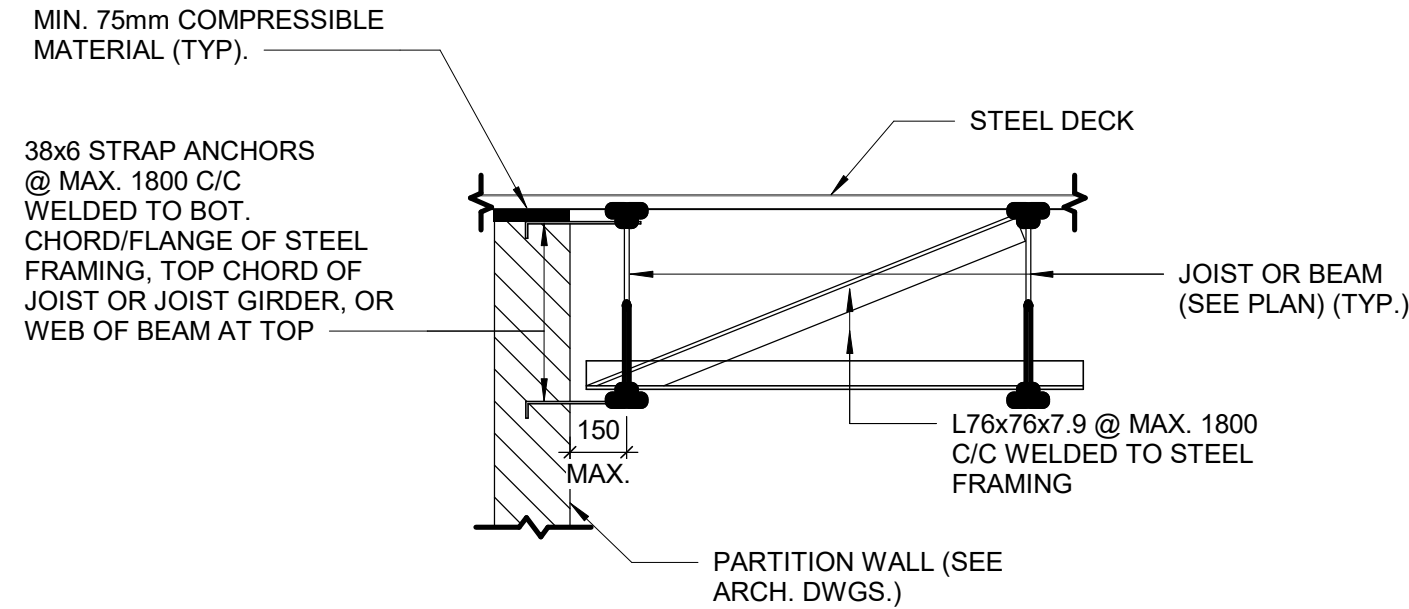
5 PARTITION WALL BETWEEN BEAMS
D2200 Scale: 1 : 20



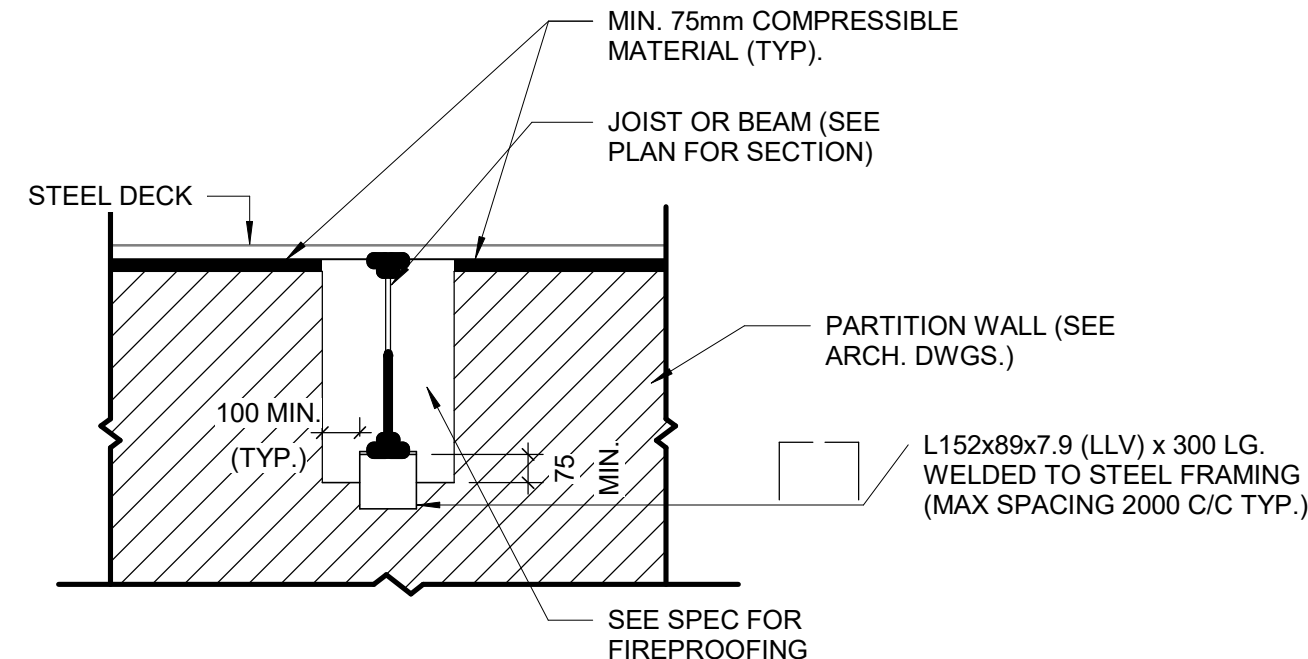
8 TYPICAL SLAB UNDER STRINGER
D2200 Scale: 1 : 10



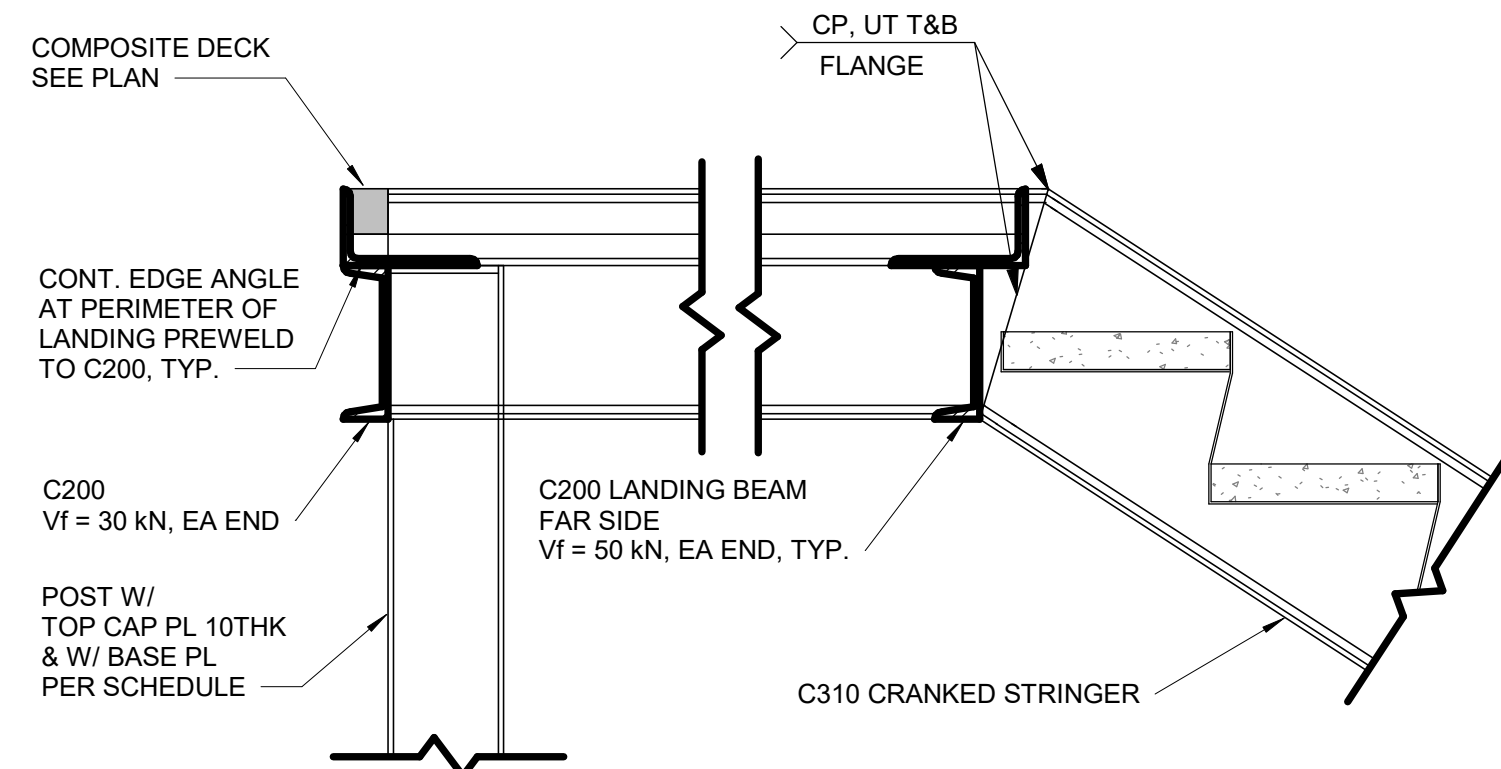
10 TYPICAL SECTION AT UPPER LANDING
D2200 Scale: 1 : 10



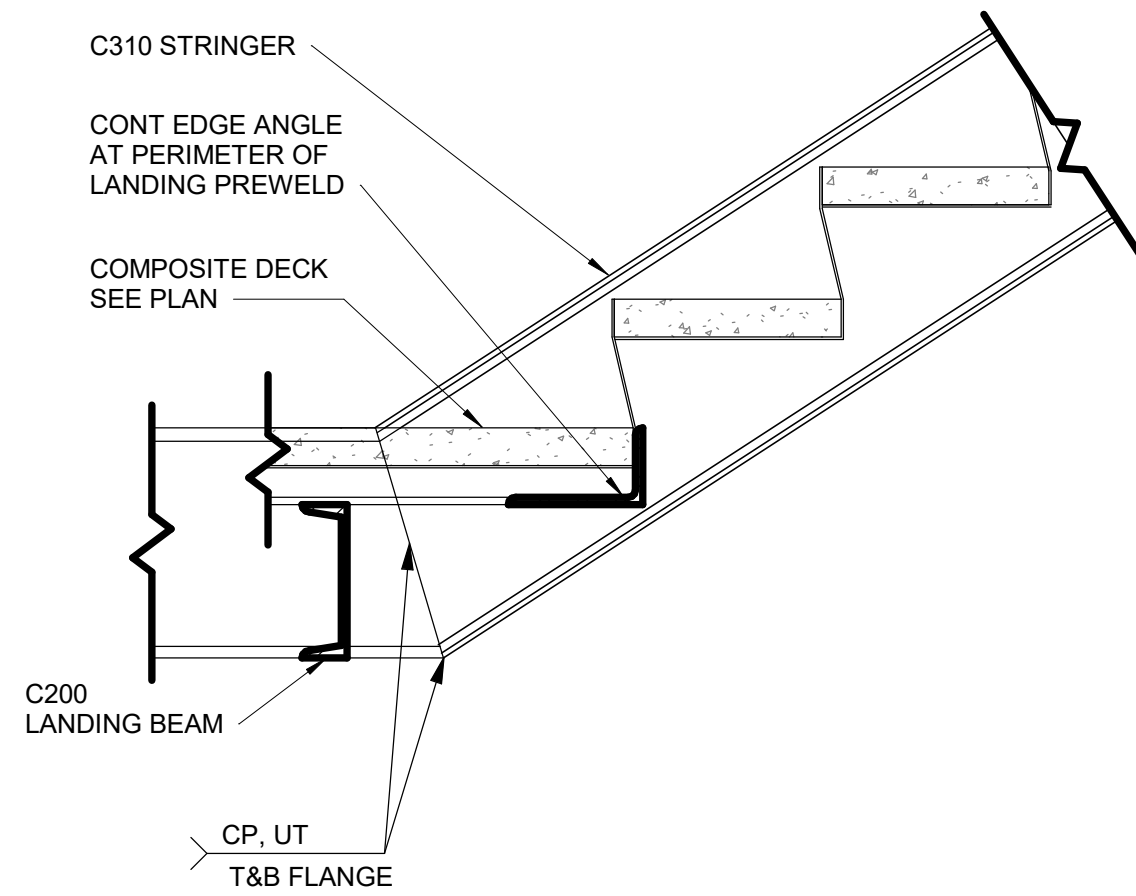
3 PARTITION WALL PARALLEL TO JOISTS OR BEAM
D2200 Scale: 1 : 20



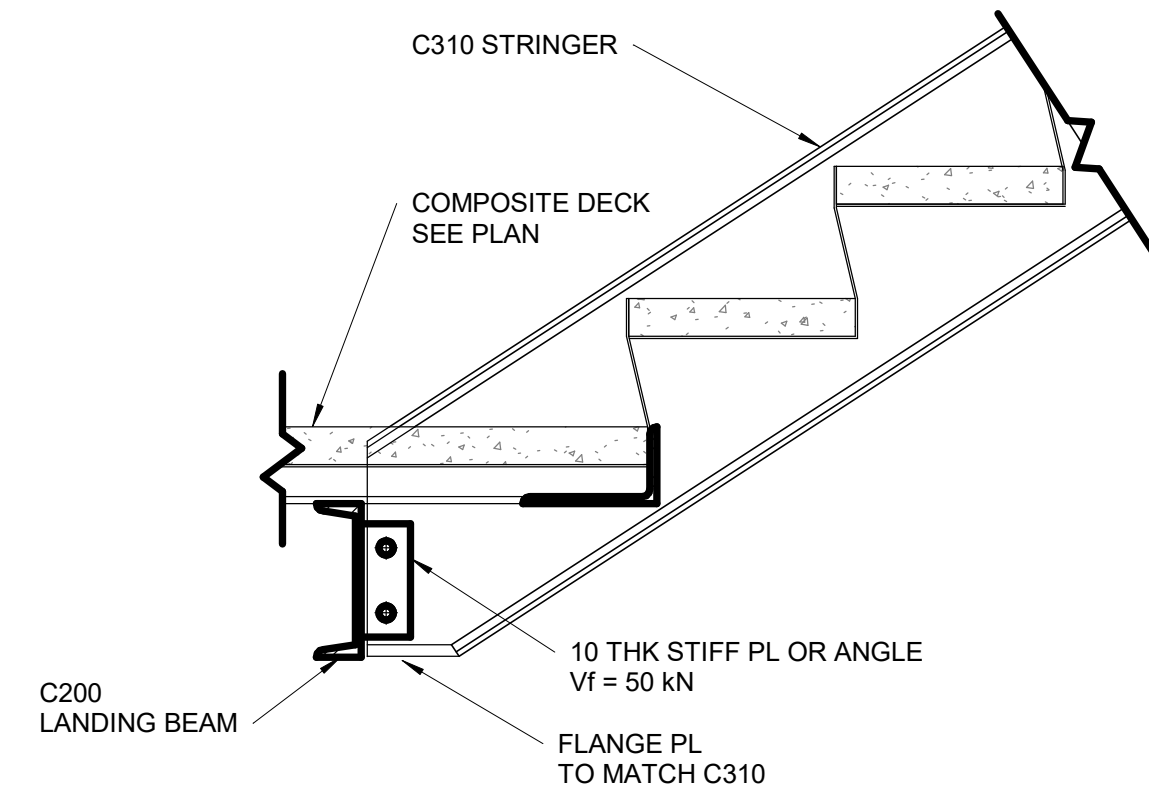
6 PARTITION PERPENDICULAR TO JOIST OR BEAMS
D2200 Scale: 1 : 20



9 TYPICAL SECTION AT UPPER LANDING STRINGER
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

| ISSUES | | |
|--------|-------------------|------------|
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| E | ISSUED FOR TENDER | 2025-04-11 |

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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

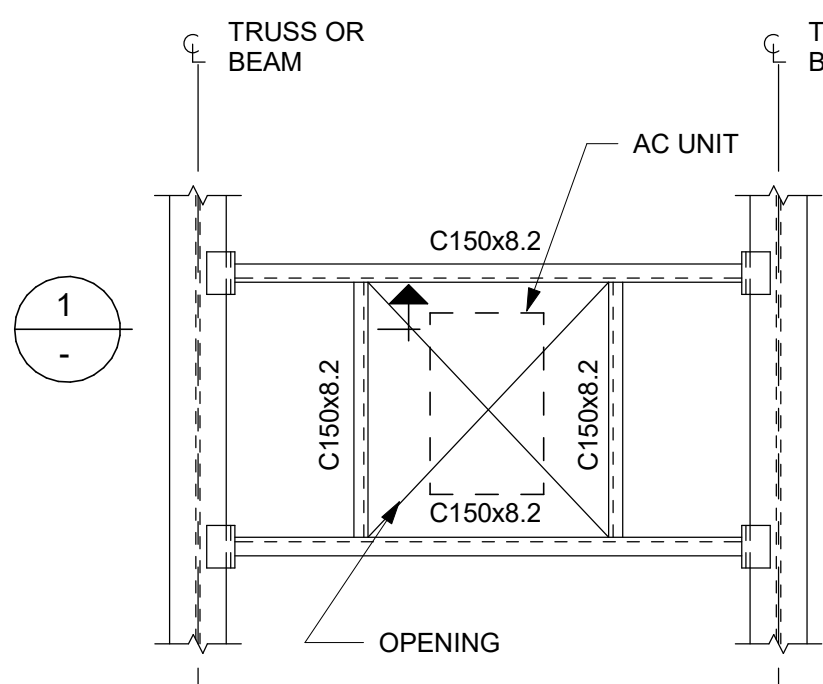
SHEET TITLE
**STRUCTURAL STEEL
DETAILS - 1**

SHEET NUMBER

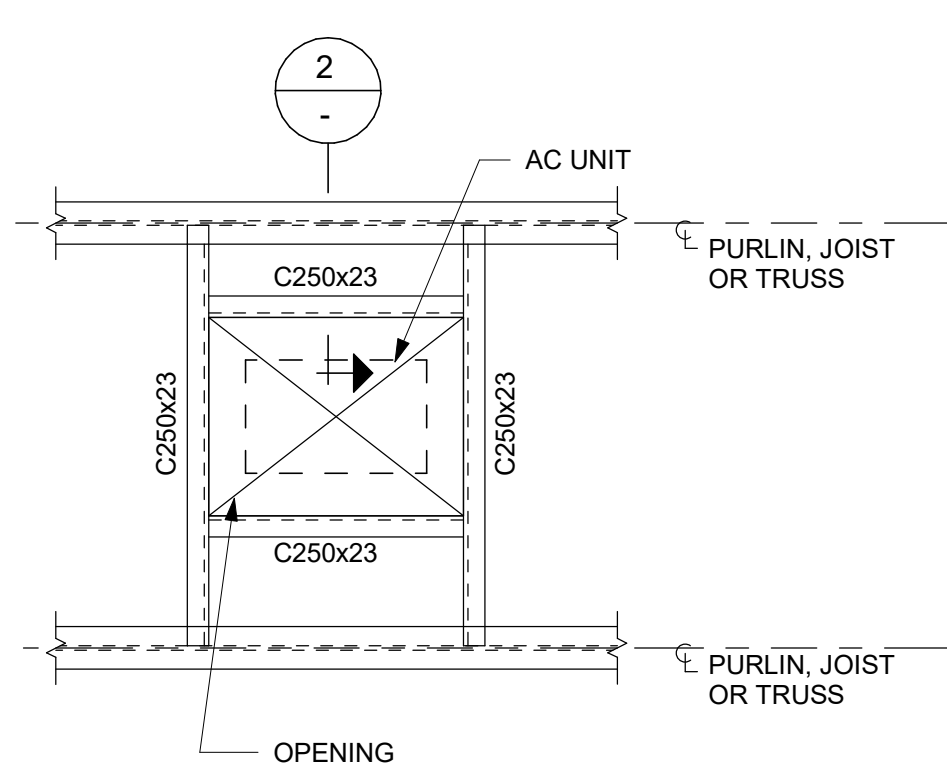
G05-D2200

ISSUE

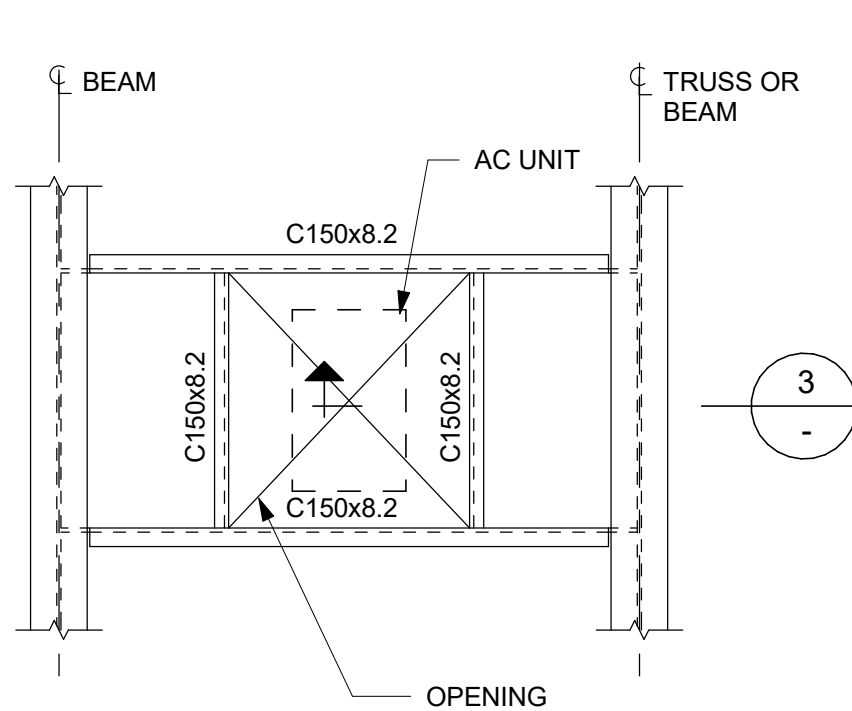
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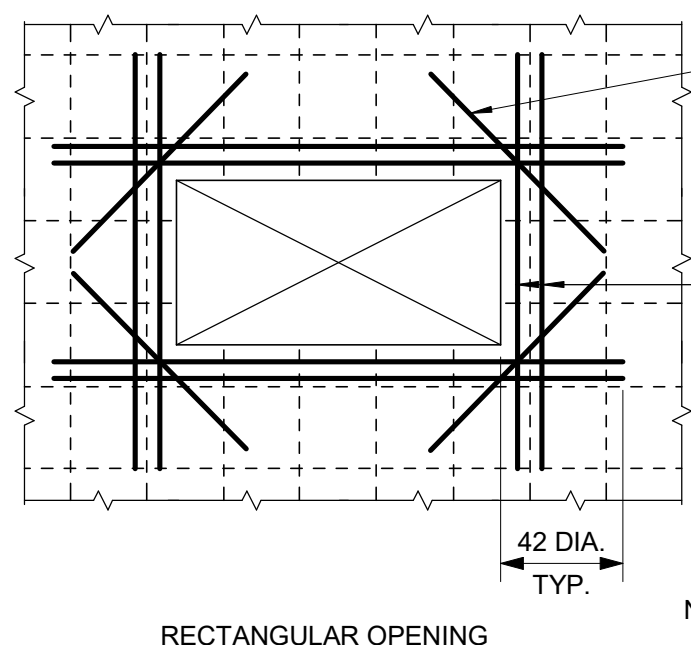
FRAME TYPE "A"



FRAME TYPE "B"

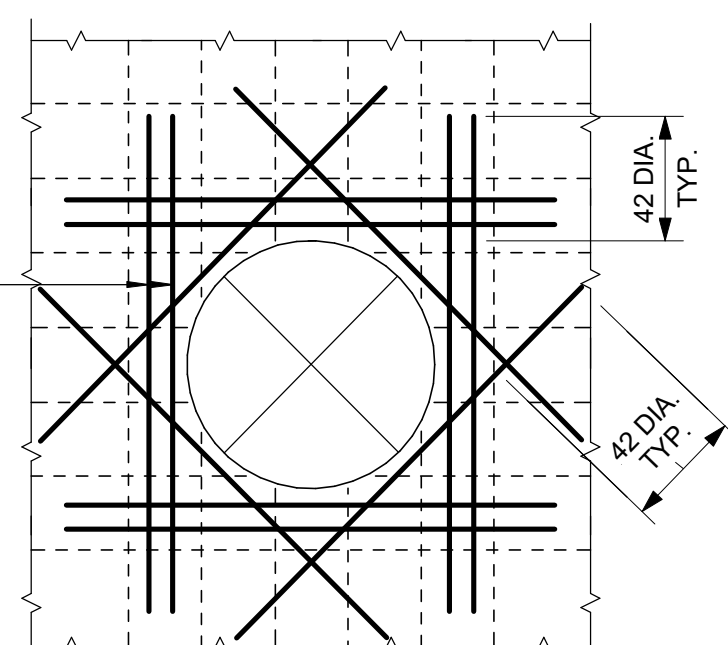


FRAME TYPE "C"

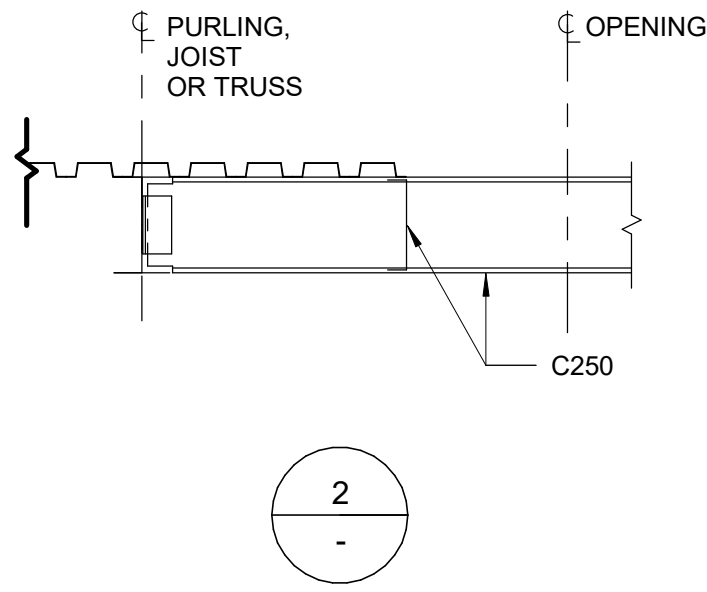
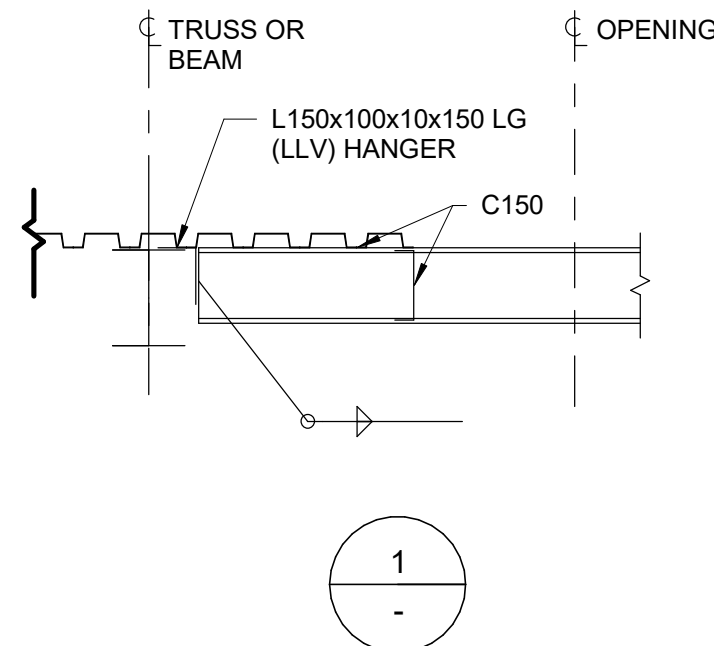


NOTES:

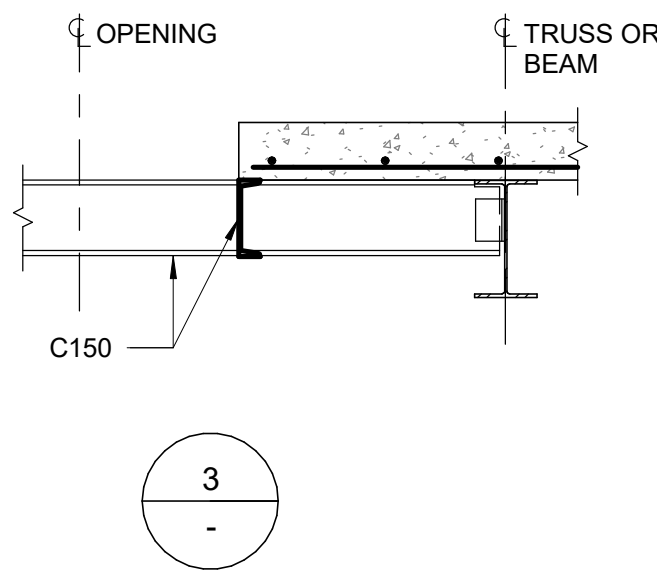
1. UNLESS NOTED OTHERWISE ON PLANS AND SECTION, REINFORCE AROUND OPENINGS AS SHOWN. DO NOT MAKE OPENINGS LARGER THAN THE MAXIMUM DIMENSIONS NOTED BELOW WITHOUT PRIOR REVIEW FROM THE ENGINEER OF RECORD, UNLESS NOTED ON STRUCTURAL DRAWINGS.
2. MAXIMUM SLAB OPENING SIZE IS 2500mm SQUARE OR ROUND U/N ON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



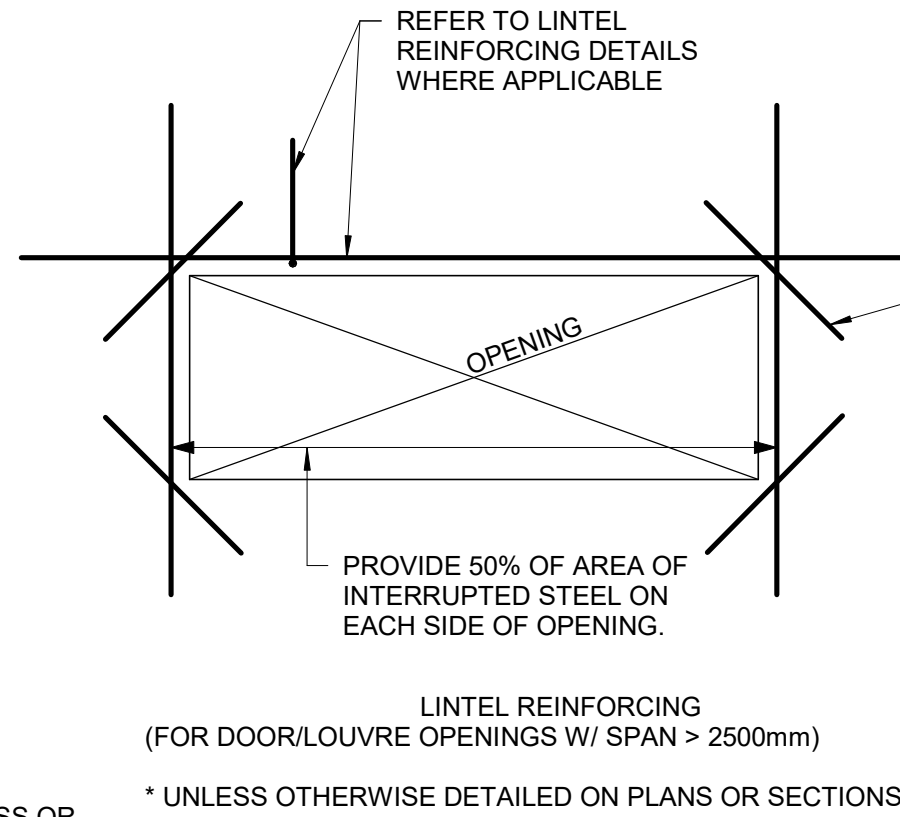
CIRCULAR OPENING



1 TYPICAL ROOF OPENING
D2201 Scale: 1 : 20



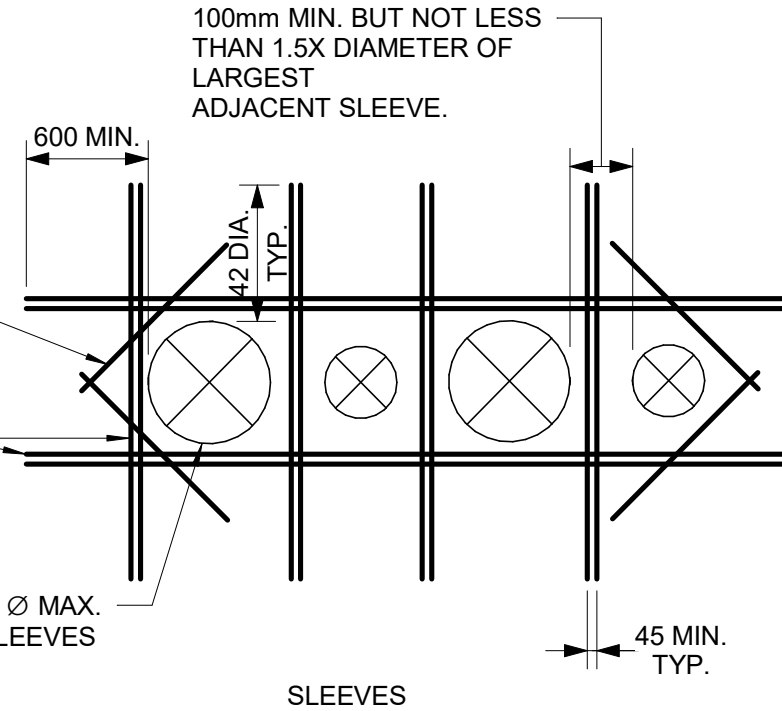
3



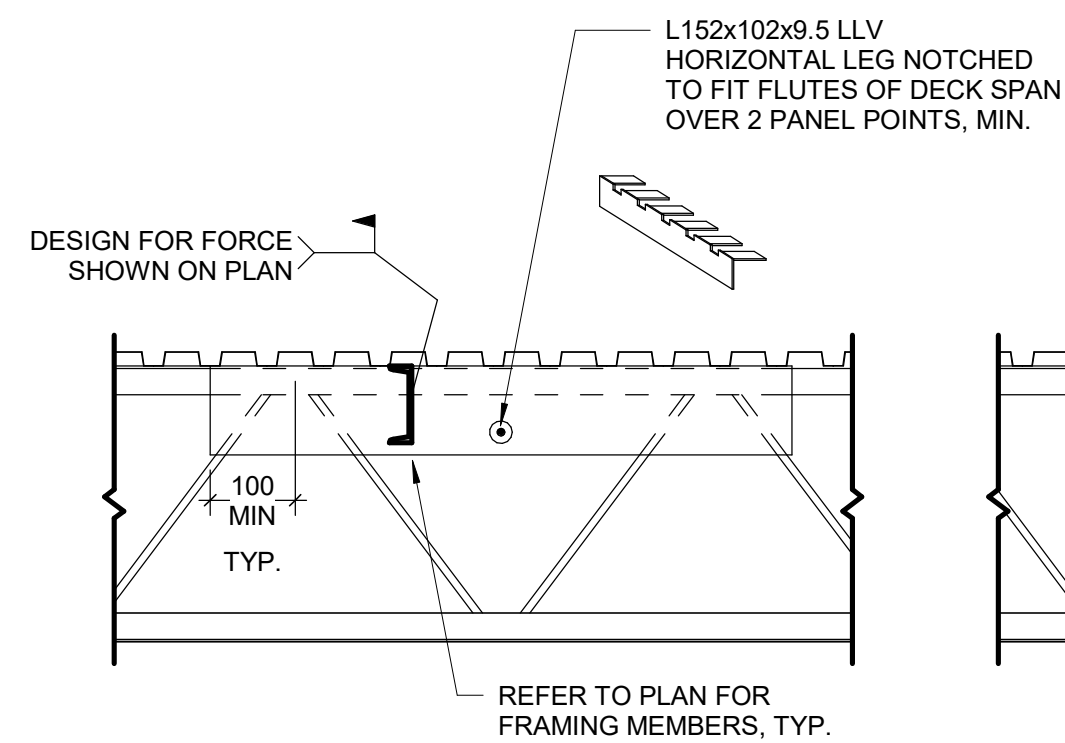
LINTEL REINFORCING
(FOR DOOR/LOUVRE OPENINGS W/ SPAN > 2500mm)

* UNLESS OTHERWISE DETAILED ON PLANS OR SECTIONS

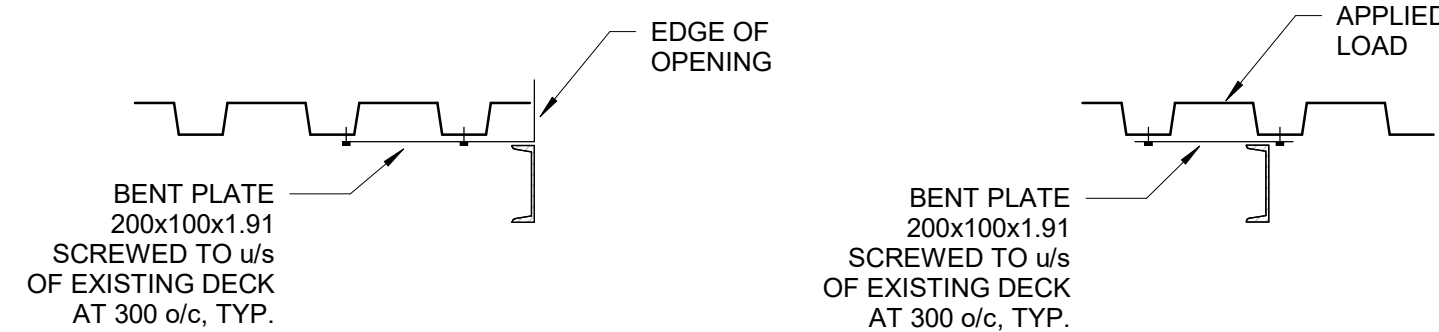
PLACE 50% OF AREA OF INTERRUPTED STEEL ON EACH SIDE OF OPENING. WHERE OPENING IS IN CORNER OF SLAB, PLACE 100% OF INTERRUPTED STEEL ON SLAB SIDE.



SLEEVES

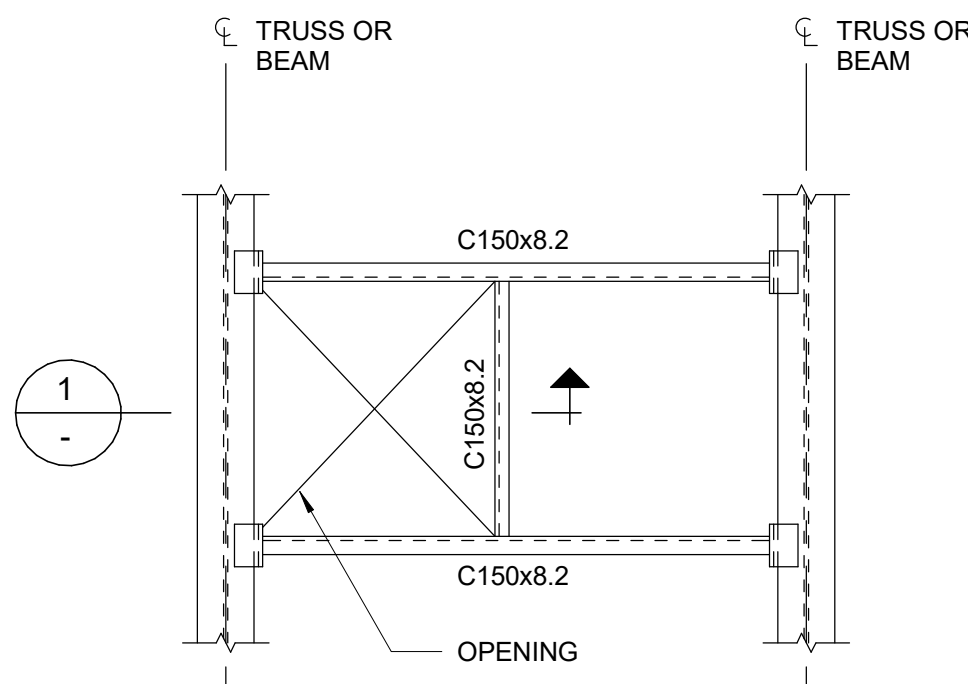


DETAIL AT EXISTING JOIST
(TWO OPTIONS SHOWN)

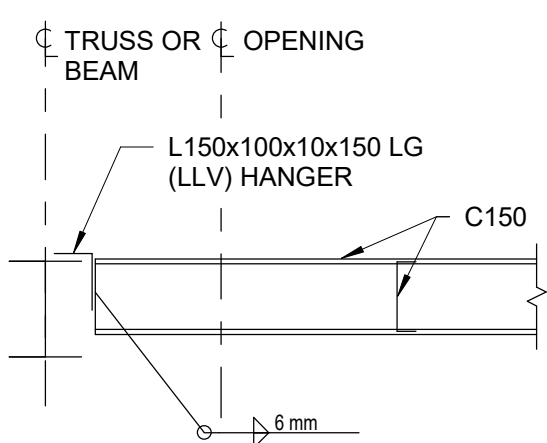


DETAIL AT EXISTING DECK

3 FRAMING INTO EXISTING STEEL JOISTS AND DECK
D2201 Scale: 1 : 20

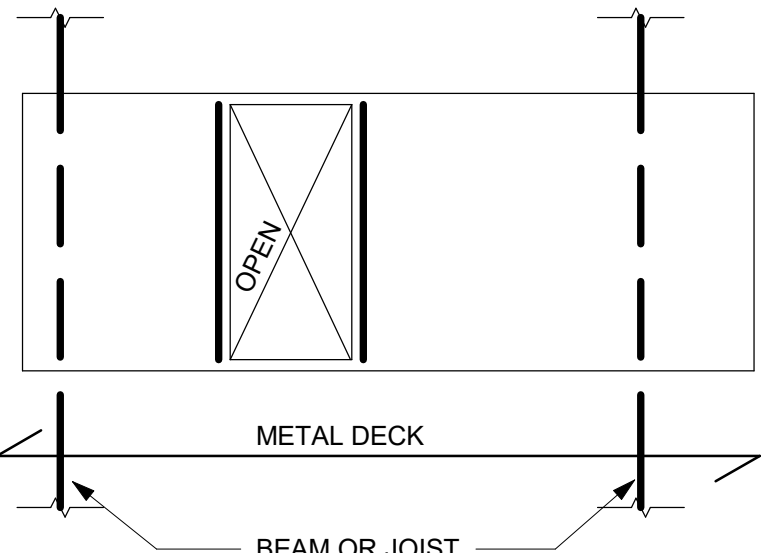


1



1

4 TAU-S-014-00 TYPICAL ROOF OPENING ADJACENT TO BEAM
D2201 Scale: 1 : 20



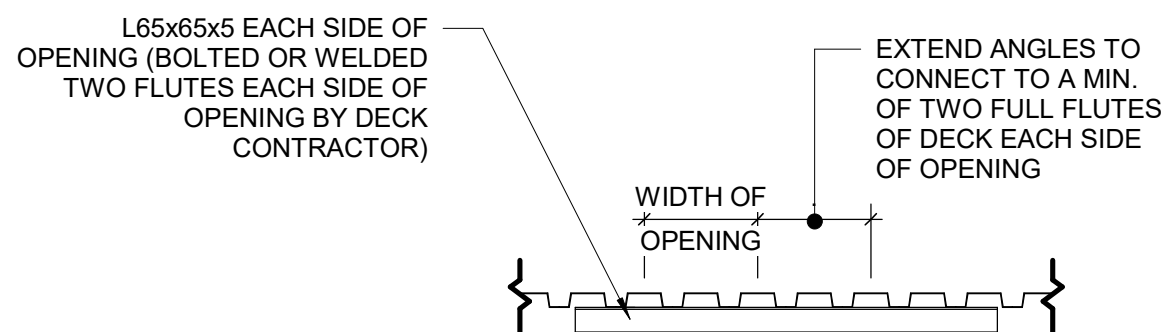
6 OPENINGS IN METAL ROOF DECK
D2201 Scale: 1 : 20

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 : 10



7 METAL DECK OPENINGS 200 TO 360 WIDE
D2201 Scale: 1 : 20

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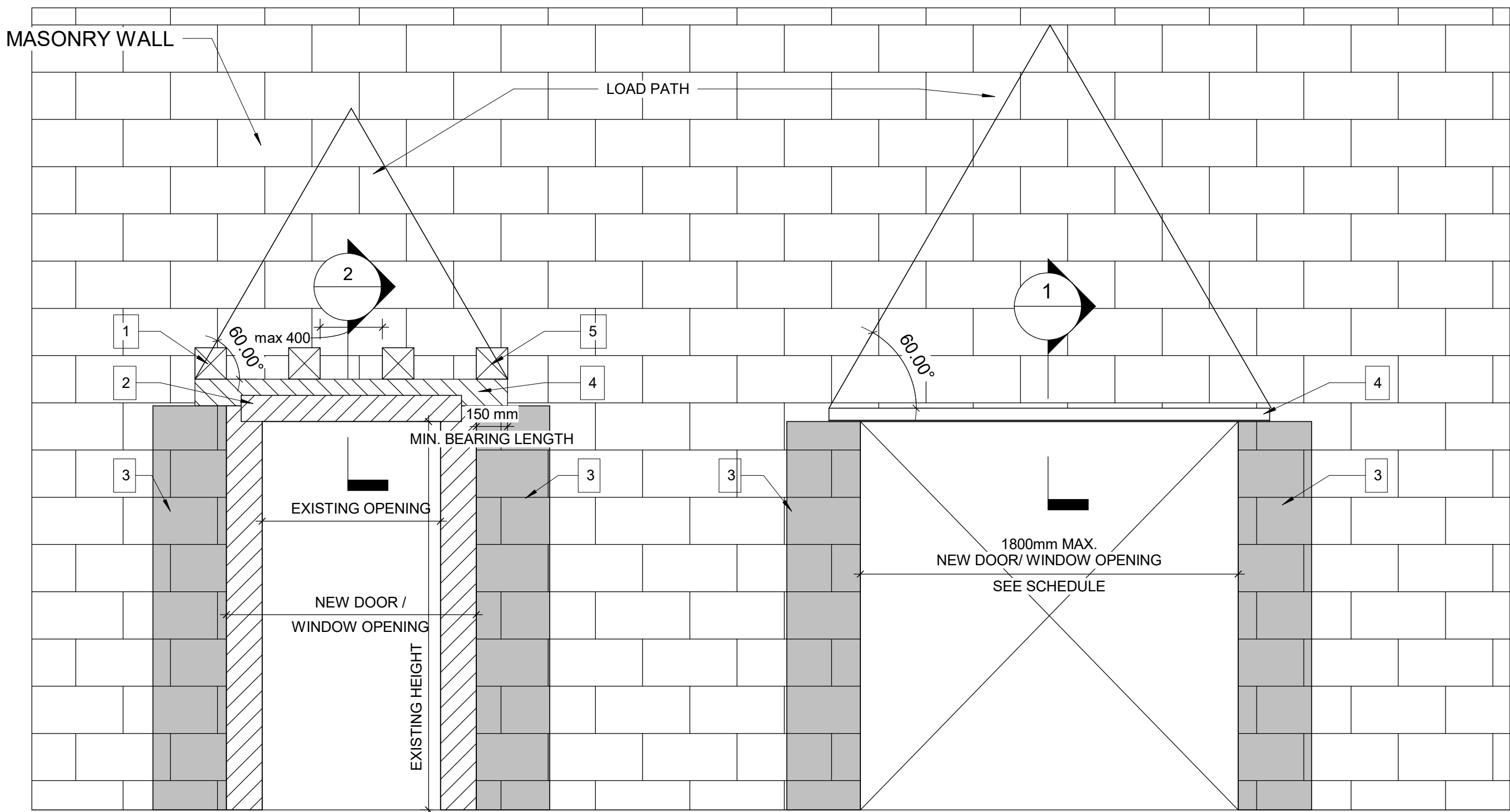
PROJECT TITLE
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9119- 19- 0162 / Arcadis 30279056
DRAWN BY:
G. POULOU
CHECKED BY:
M. FAYAZI
PROJECT MGR:
N. FRISIC
APPROVED BY:
K. ANGER

SHEET TITLE
**STRUCTURAL STEEL
DETAILS - 2**

SHEET NUMBER
G05-D2201
ISSUE
E



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

PROPOSED SEQUENCE OF WORK

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

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

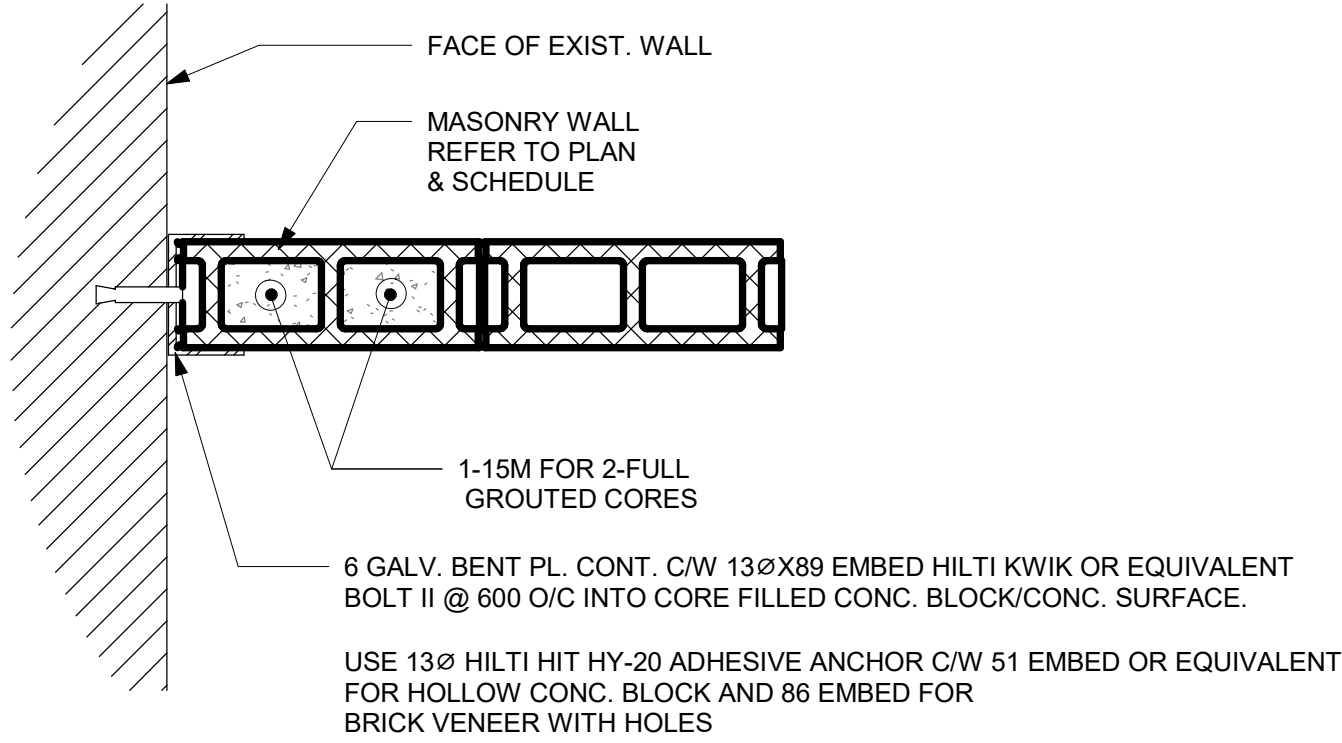
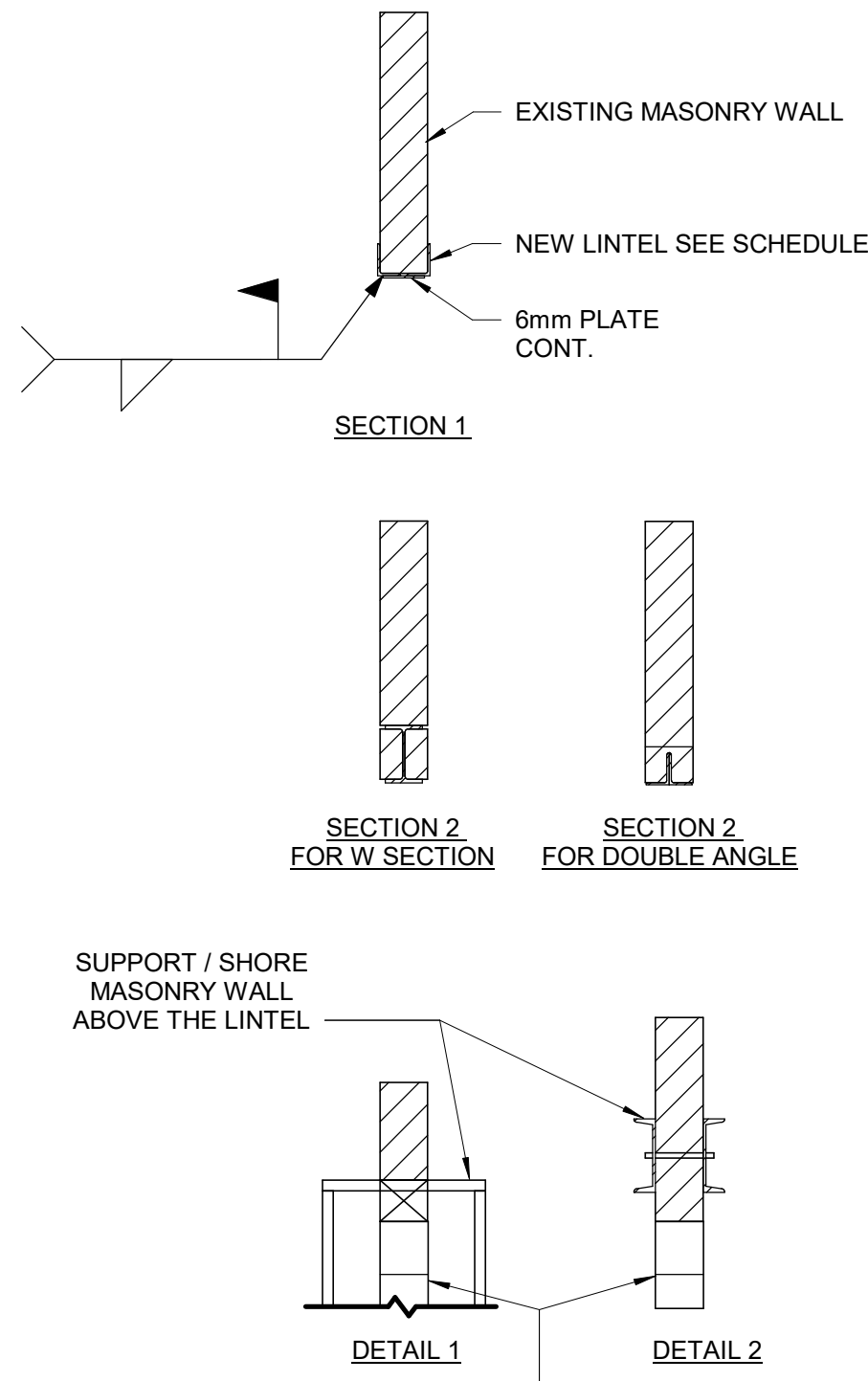
LINTEL:

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

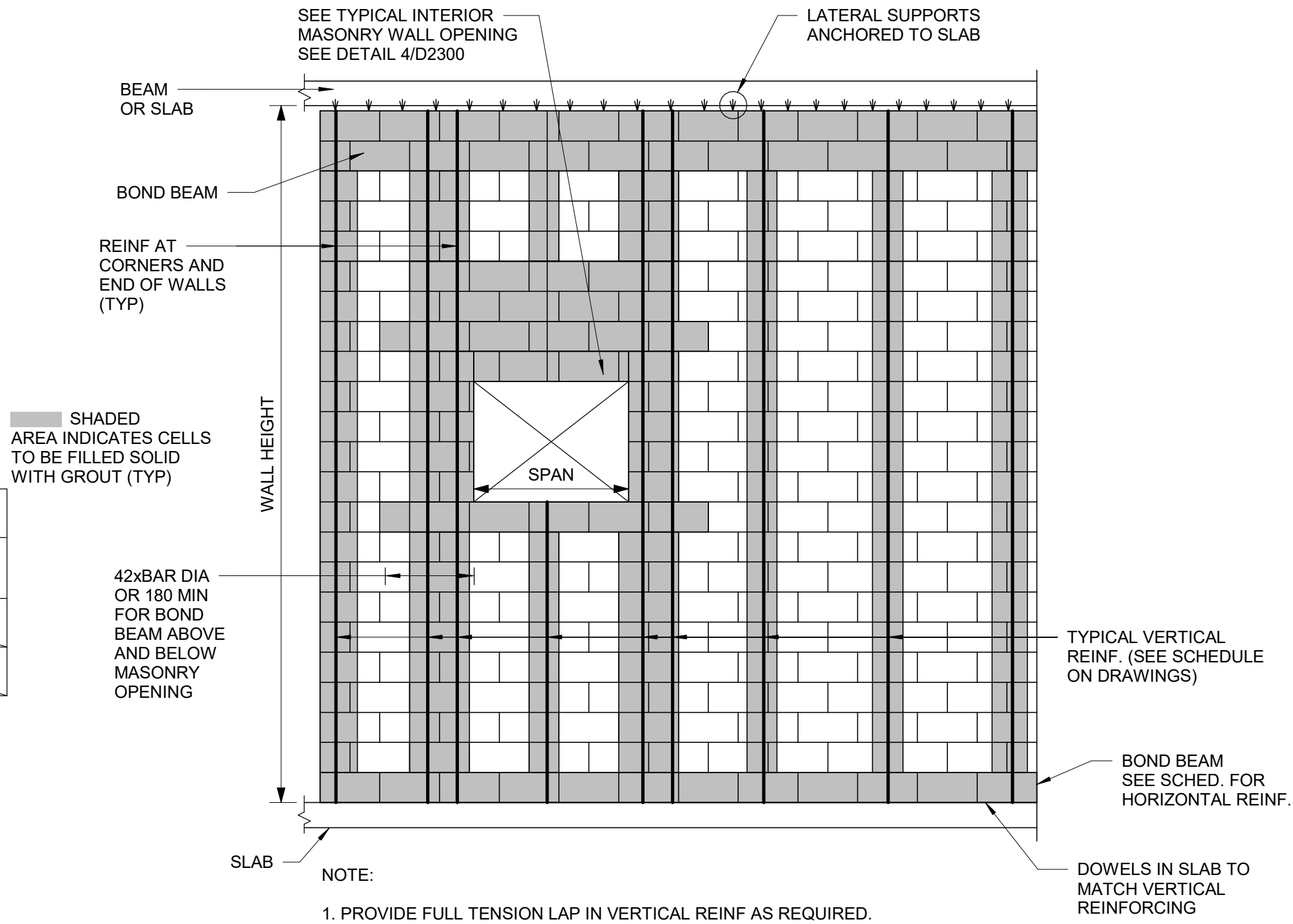
STEEL LINTELS

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

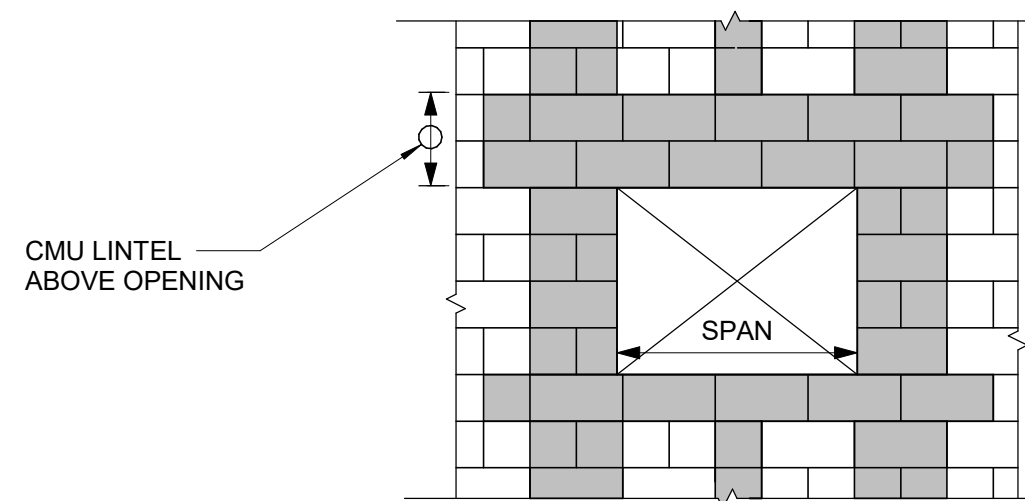
- TO INSTALL A LINTEL TO THE EXISTING BLOCK WALL FOR A NEW OPENING, CUT A GROOVE THROUGH THE EXISTING BLOCK WALL AT THE TOP OF THE NEW OPENING AND INSTALL THE ANGLE FROM ONE SIDE OF THE WALL FOR SINGLE SNGLE OR FROM BOTH SIDES OF THE WALL FOR DOUBLE ANGLE AND THEN CUT THE OPENING.
- MINIMUM BEARING FOR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



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



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



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

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

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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

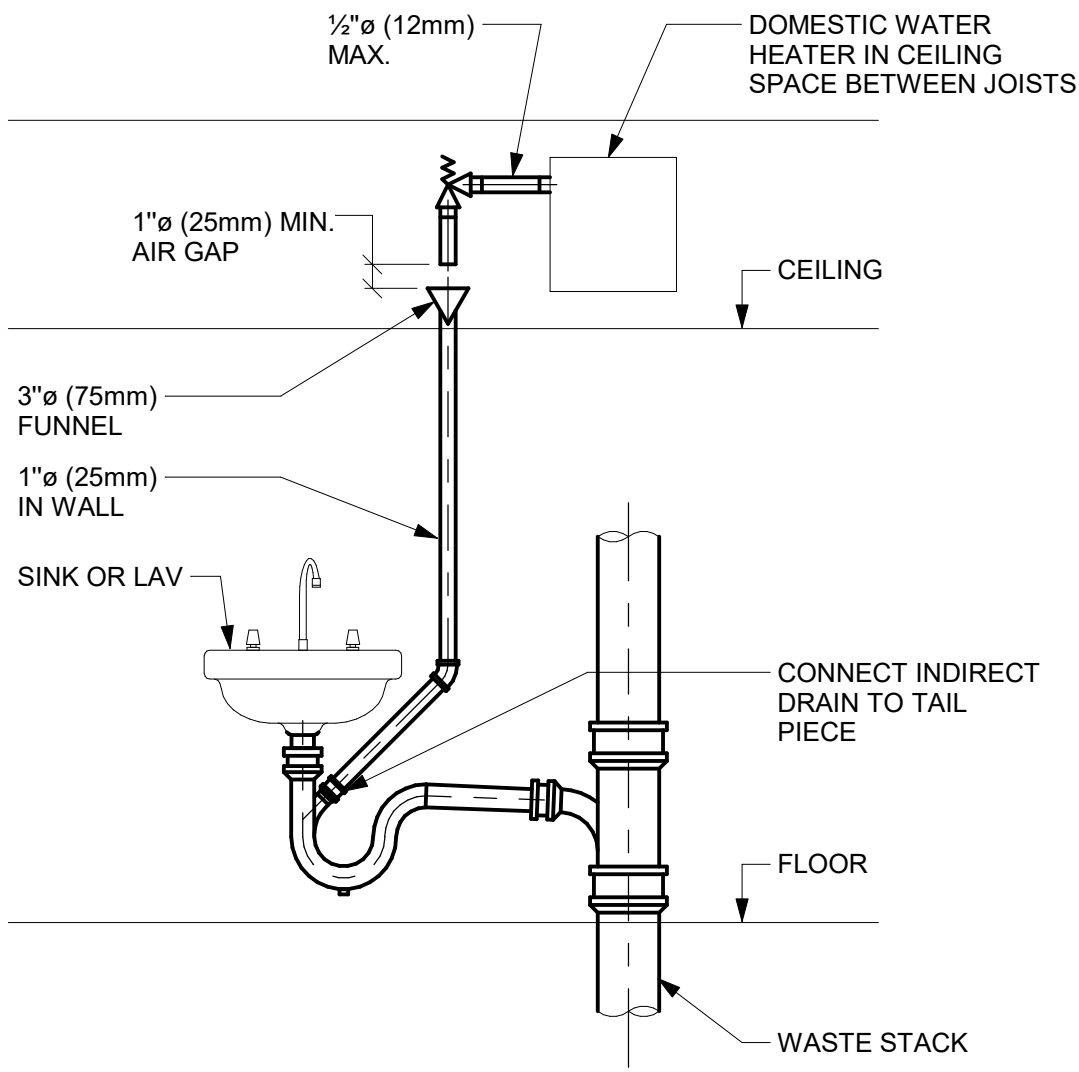
PLUMBING FIXTURE SCHEDULE

| 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 | |

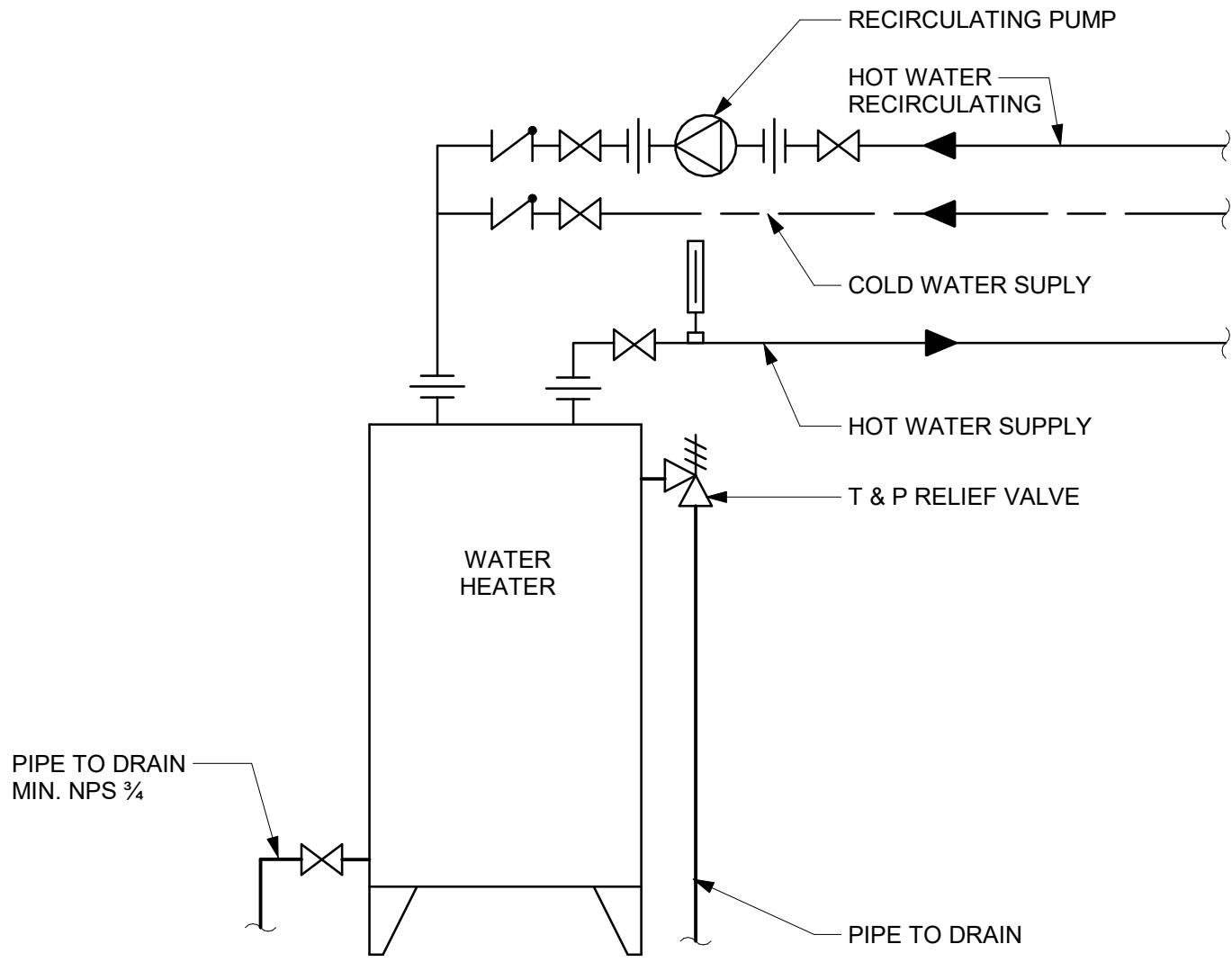
NOTES:

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

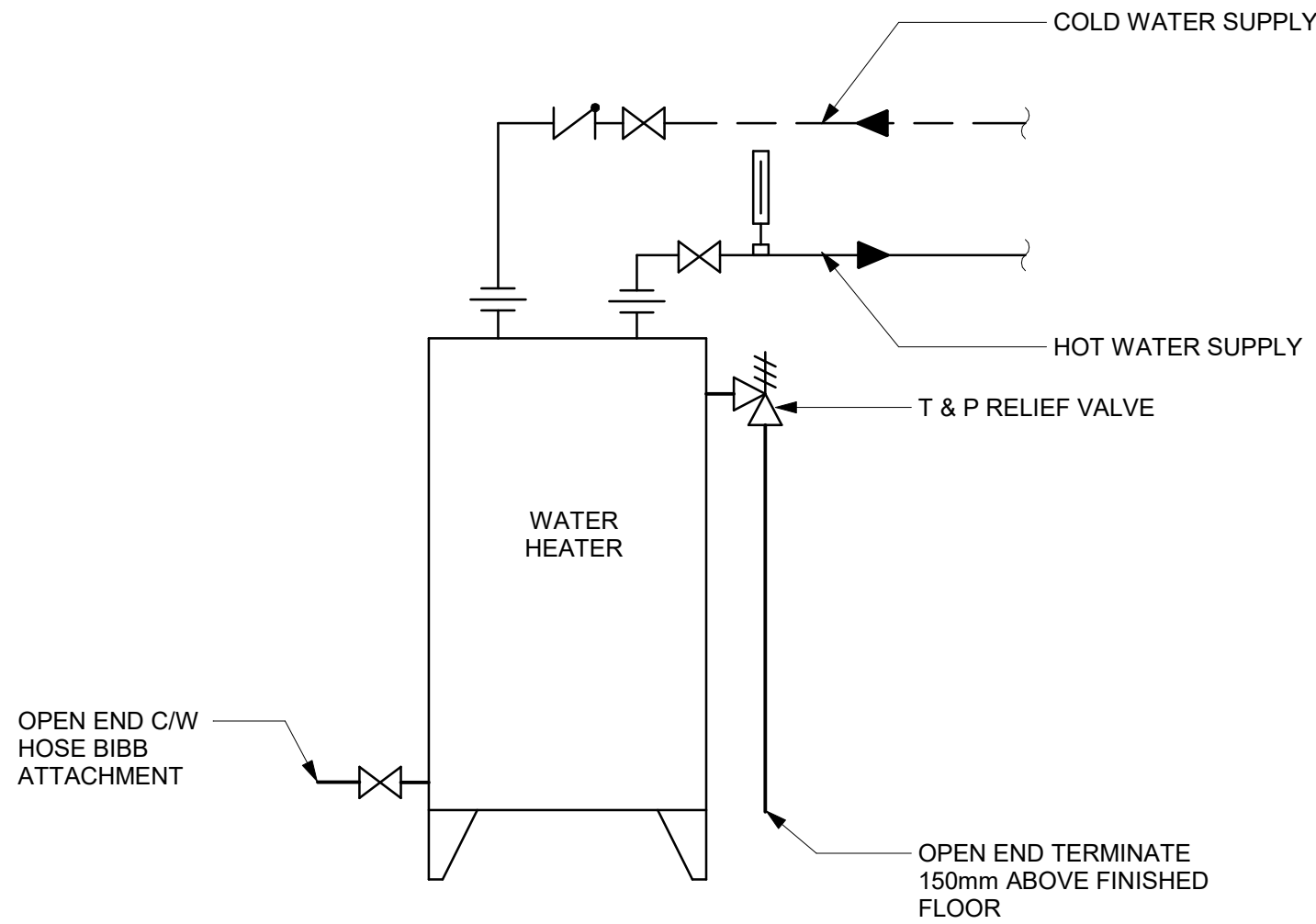
1 PLUMBING FIXTURE SCHEDULE
Scale: N.T.S.



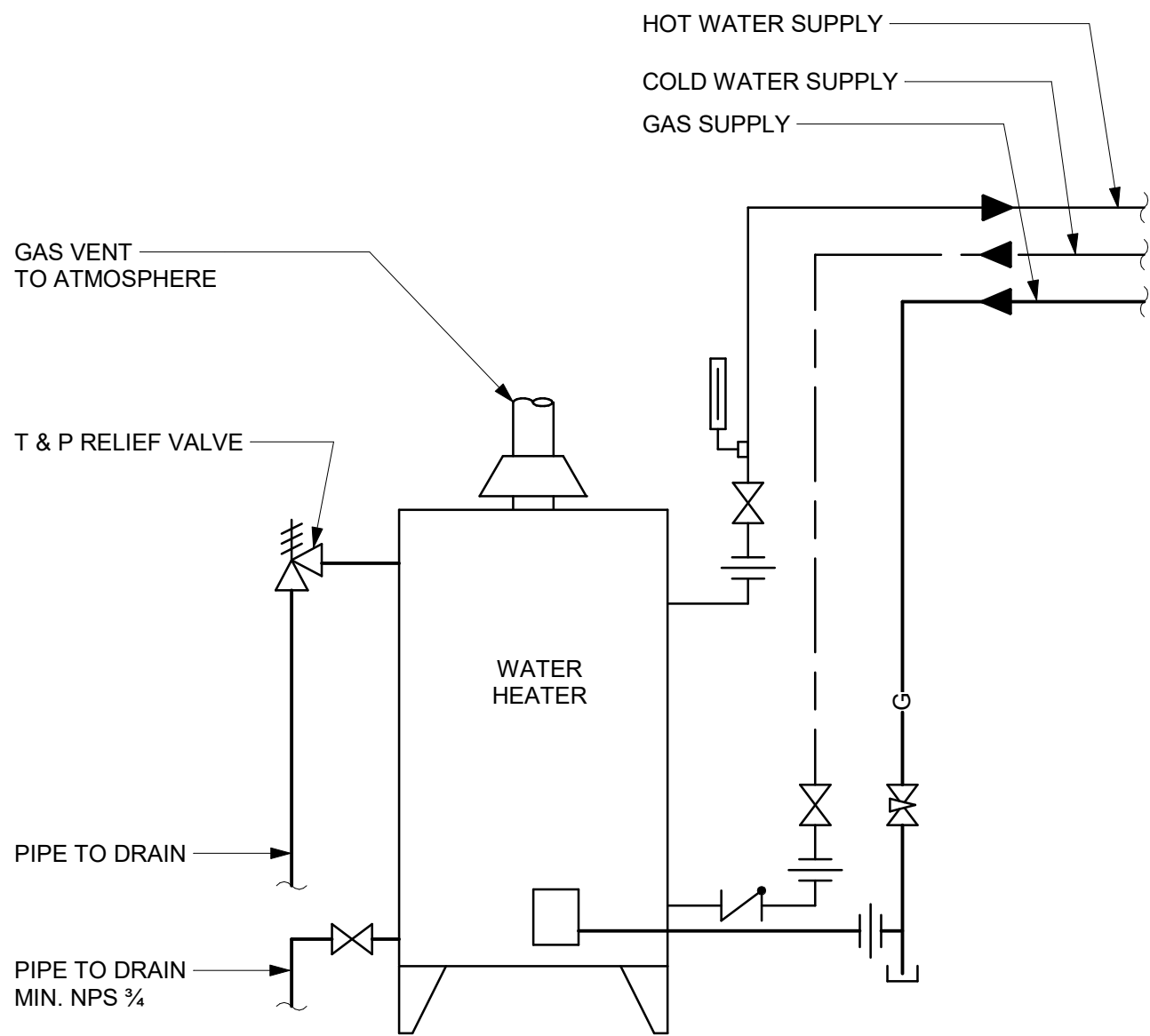
2 INDIRECT WASTE FROM OVERHEAD DWH RELIEF VALVE
Scale: N.T.S.



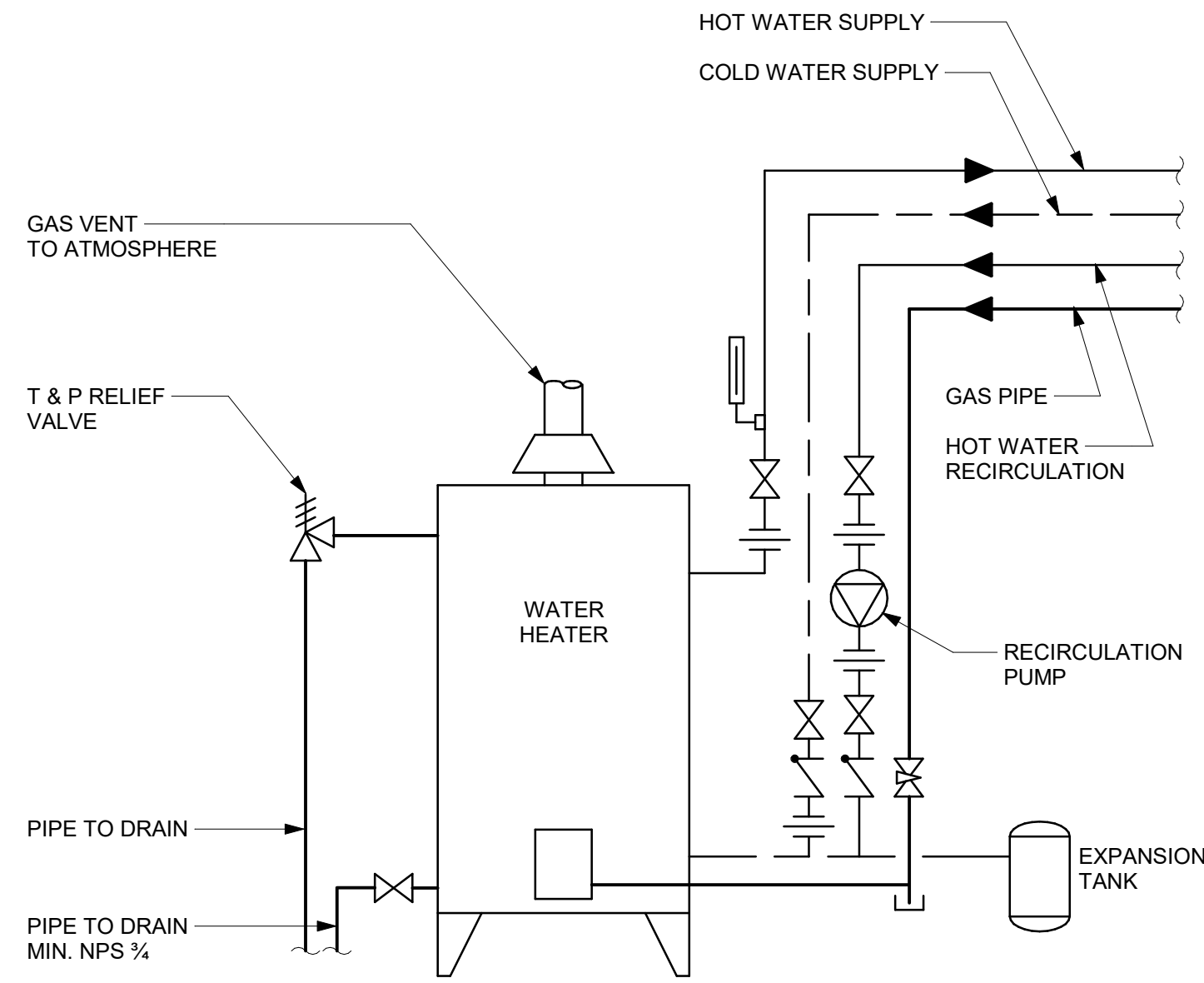
3 DOMESTIC WATER HEATER ELECTRIC WITH RECIRCULATION
Scale: N.T.S.



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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PROJECT NO:
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DRAWN BY:

K. DURUKAN

CHECKED BY:

B. LIAO

PROJECT MGR:

F. BOLOURIAN

APPROVED BY:

S. LIU

SHEET TITLE

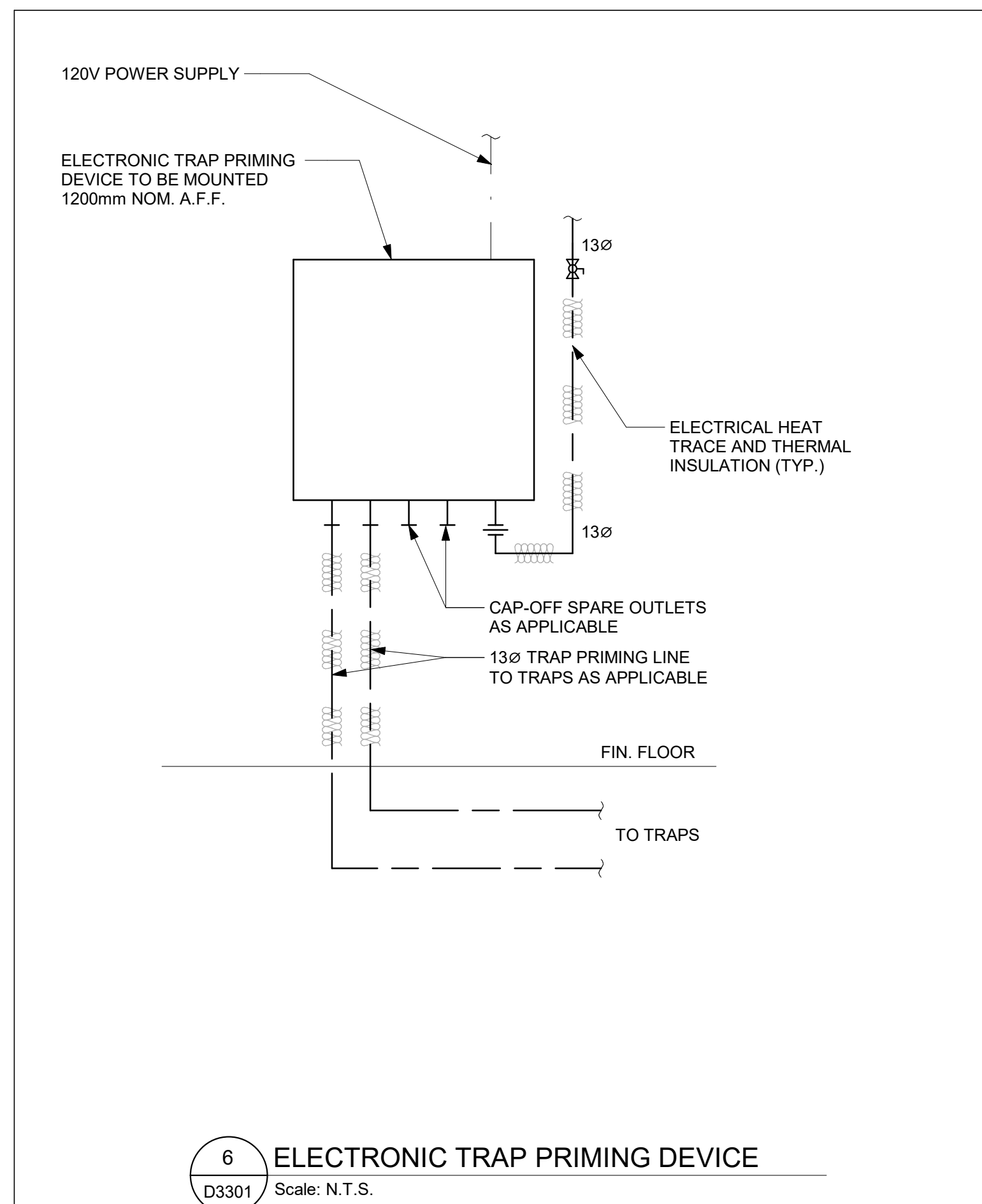
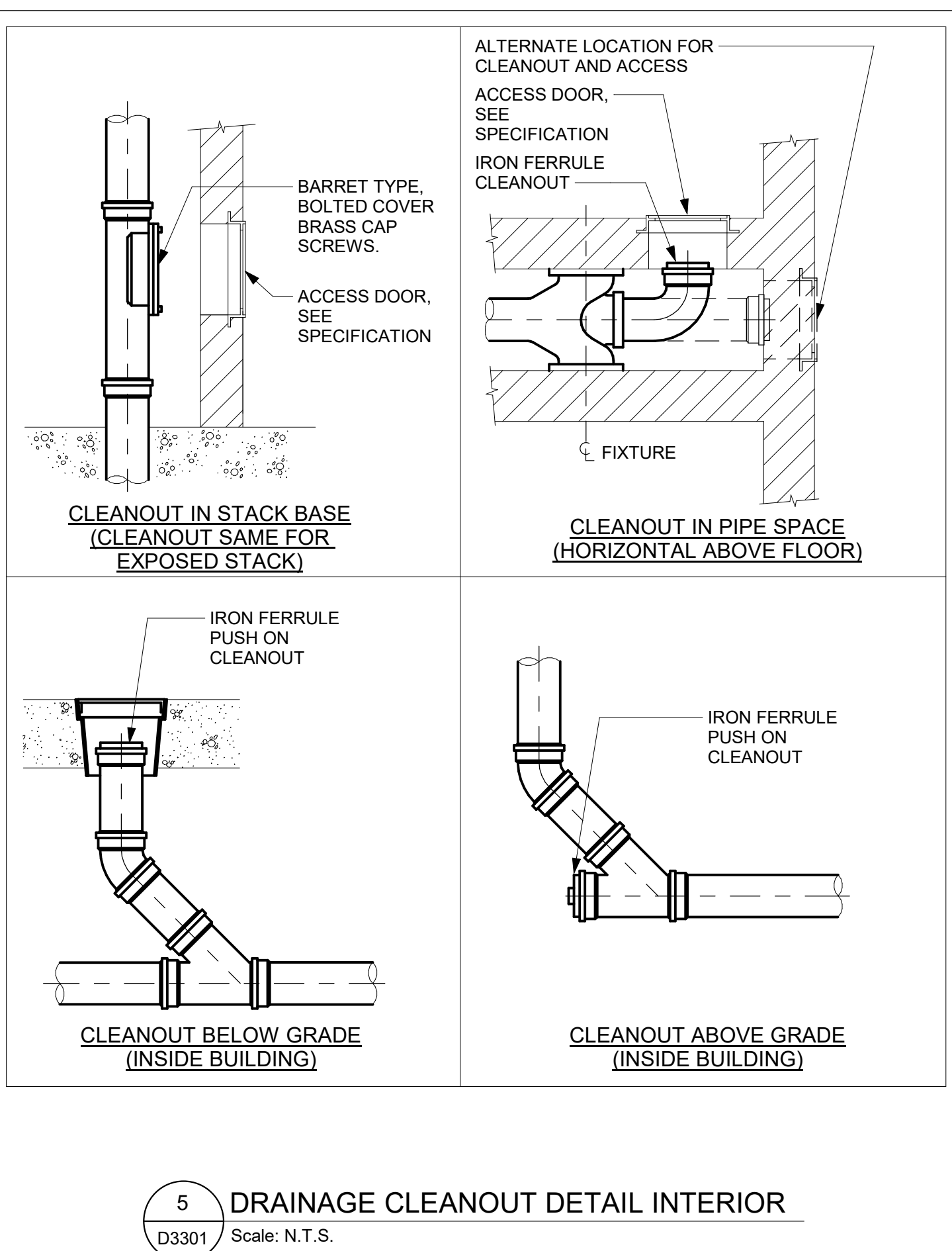
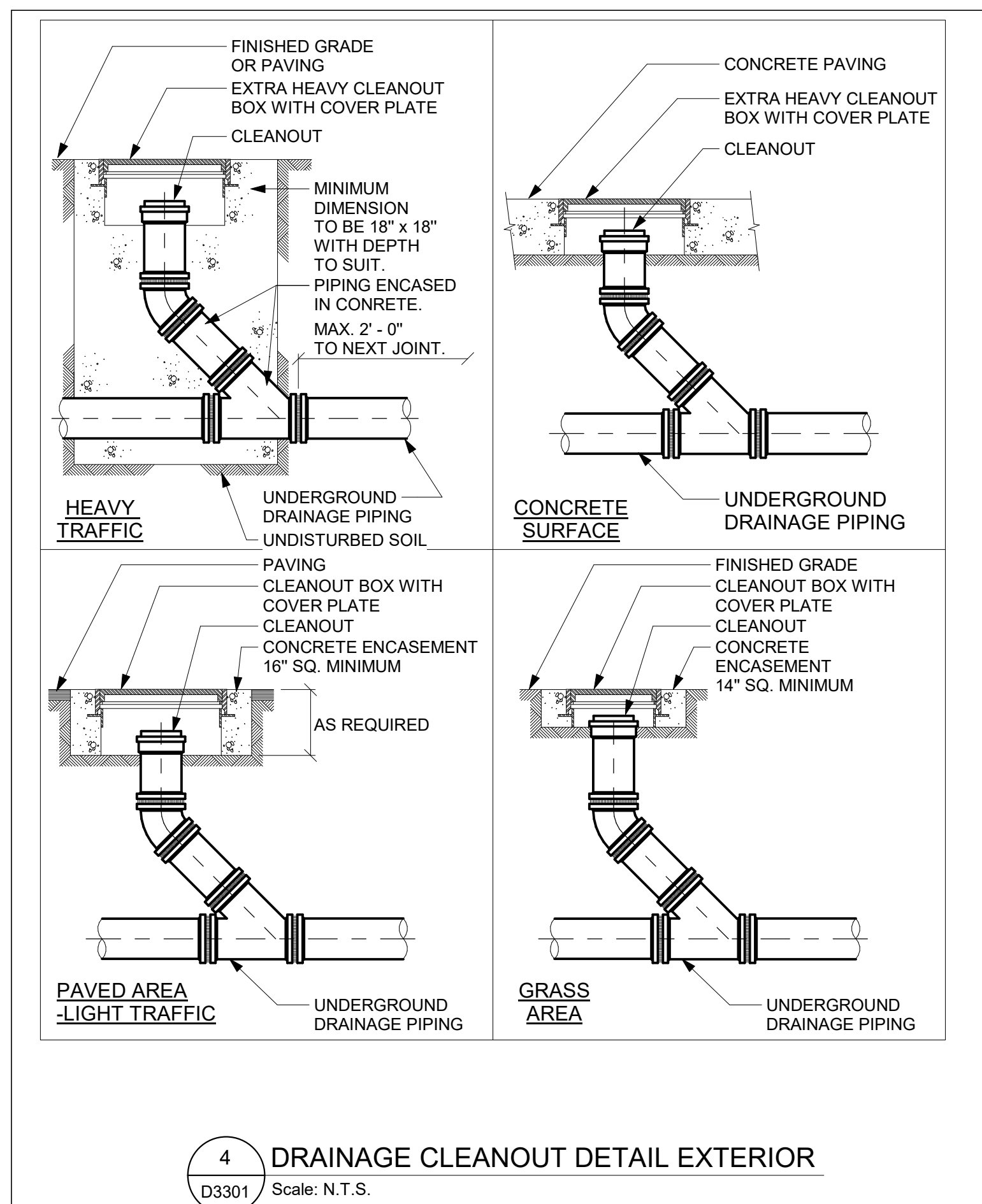
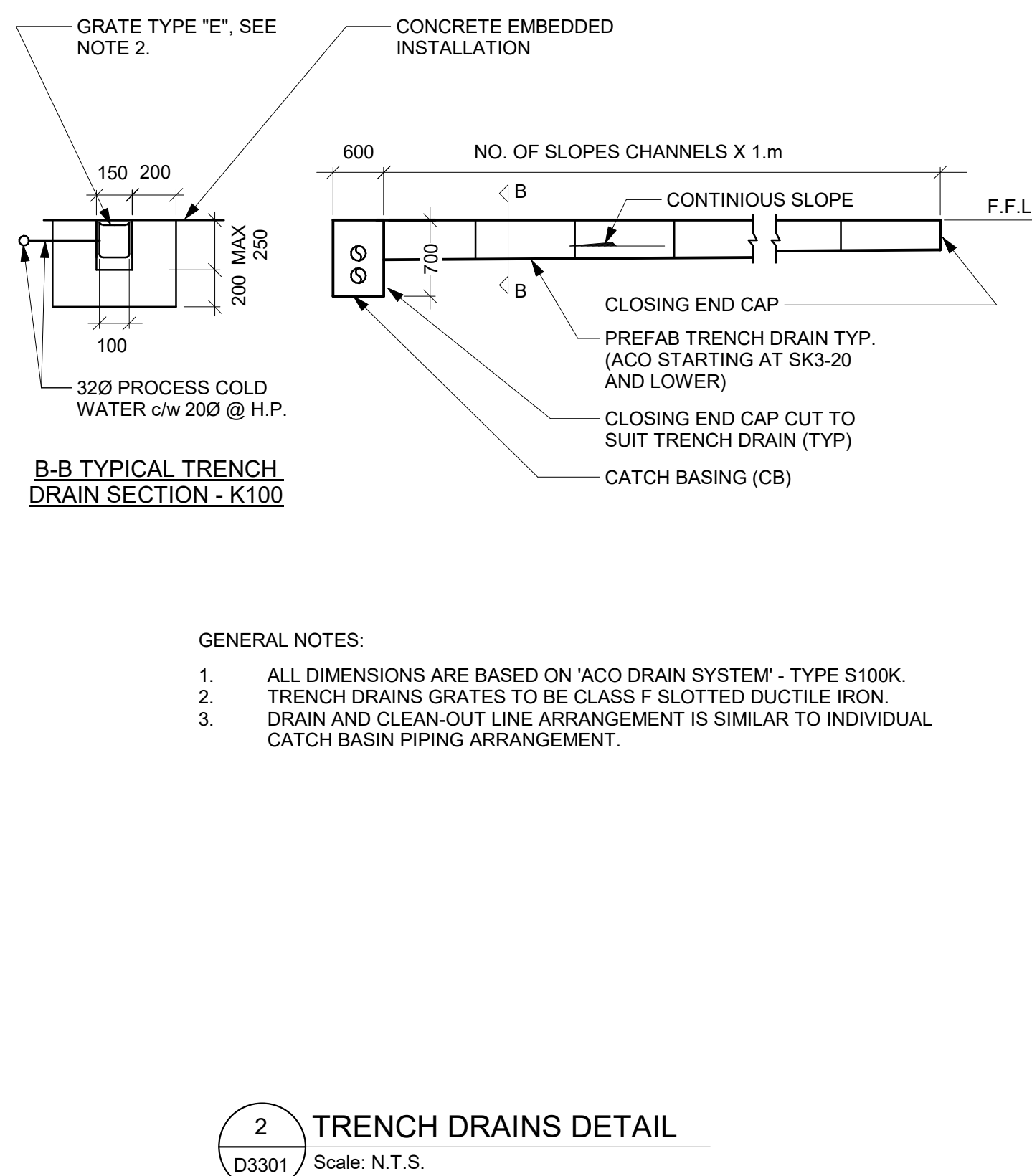
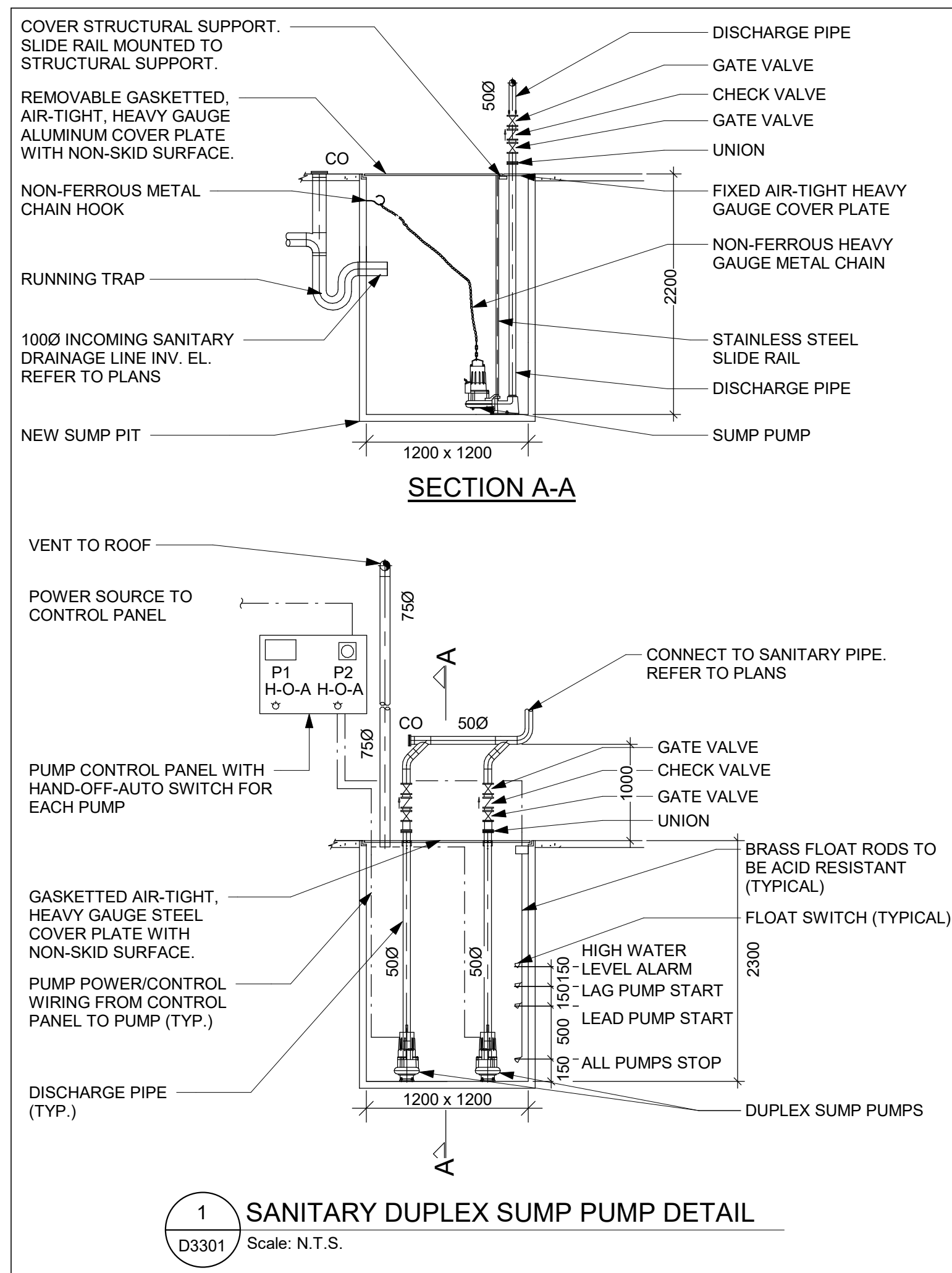
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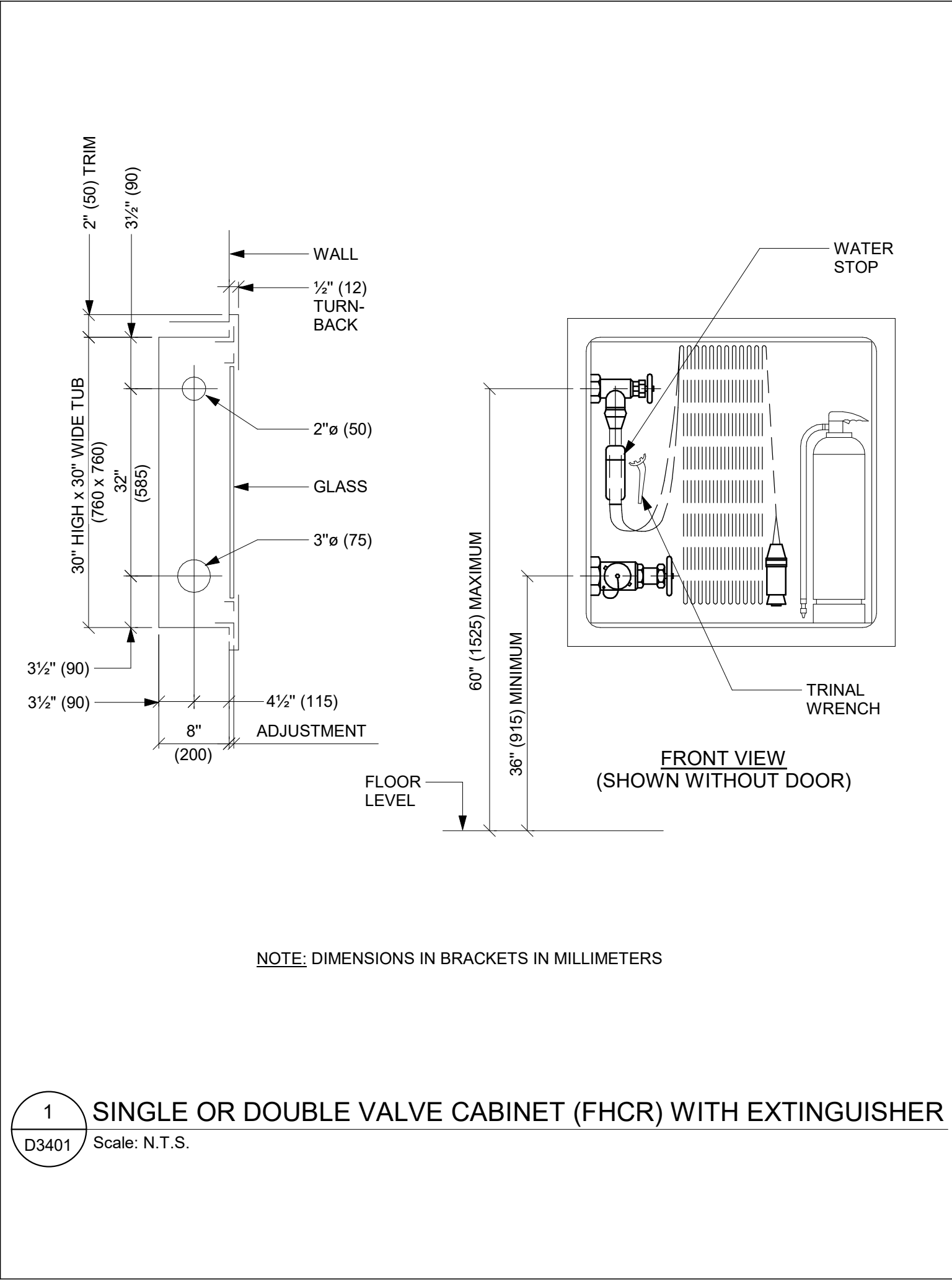
SHEET NUMBER

G05-GAL-D3201

ISSUE

F





| ISSUES | | |
|--------|---------------------------|------------|
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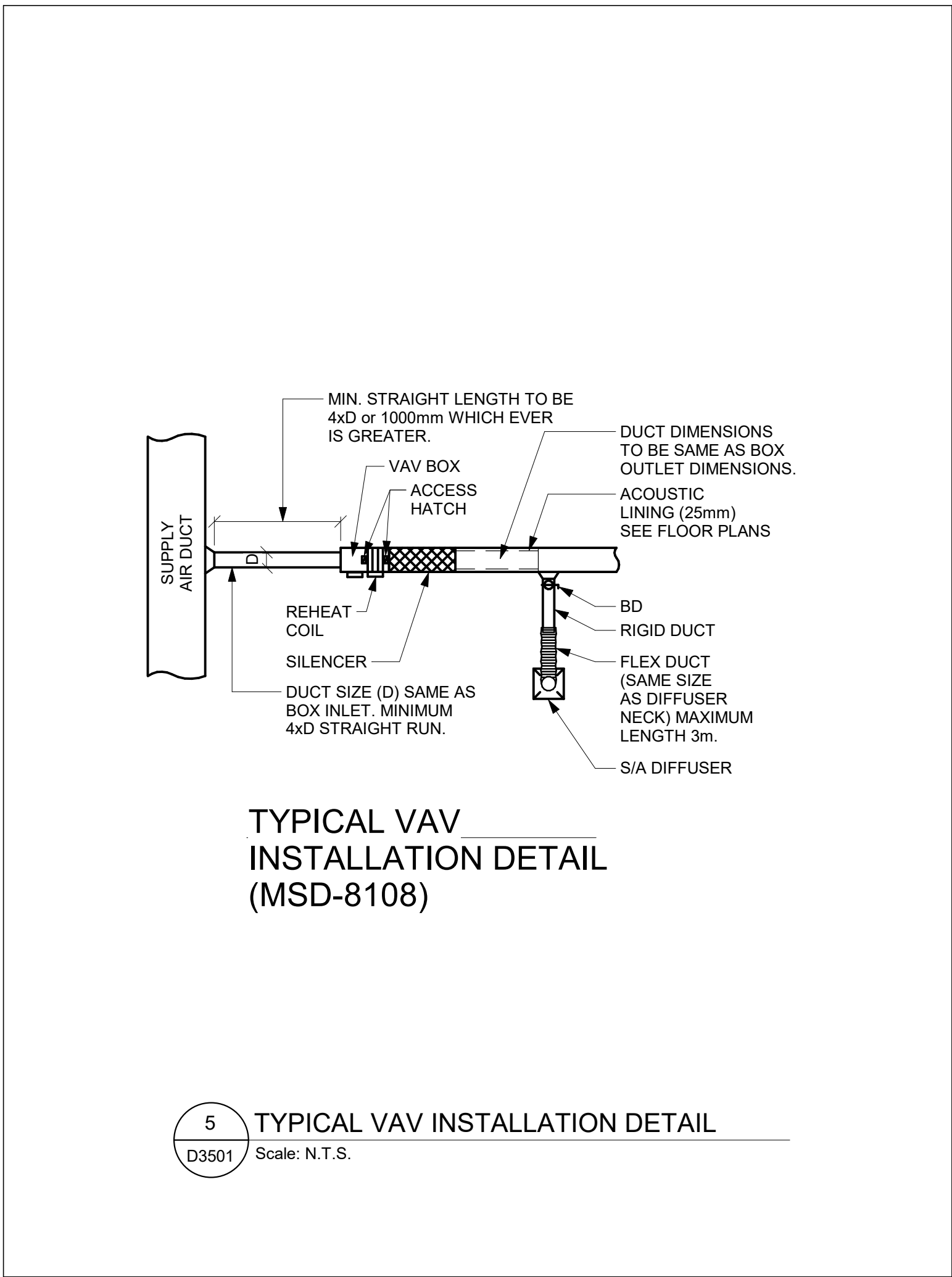
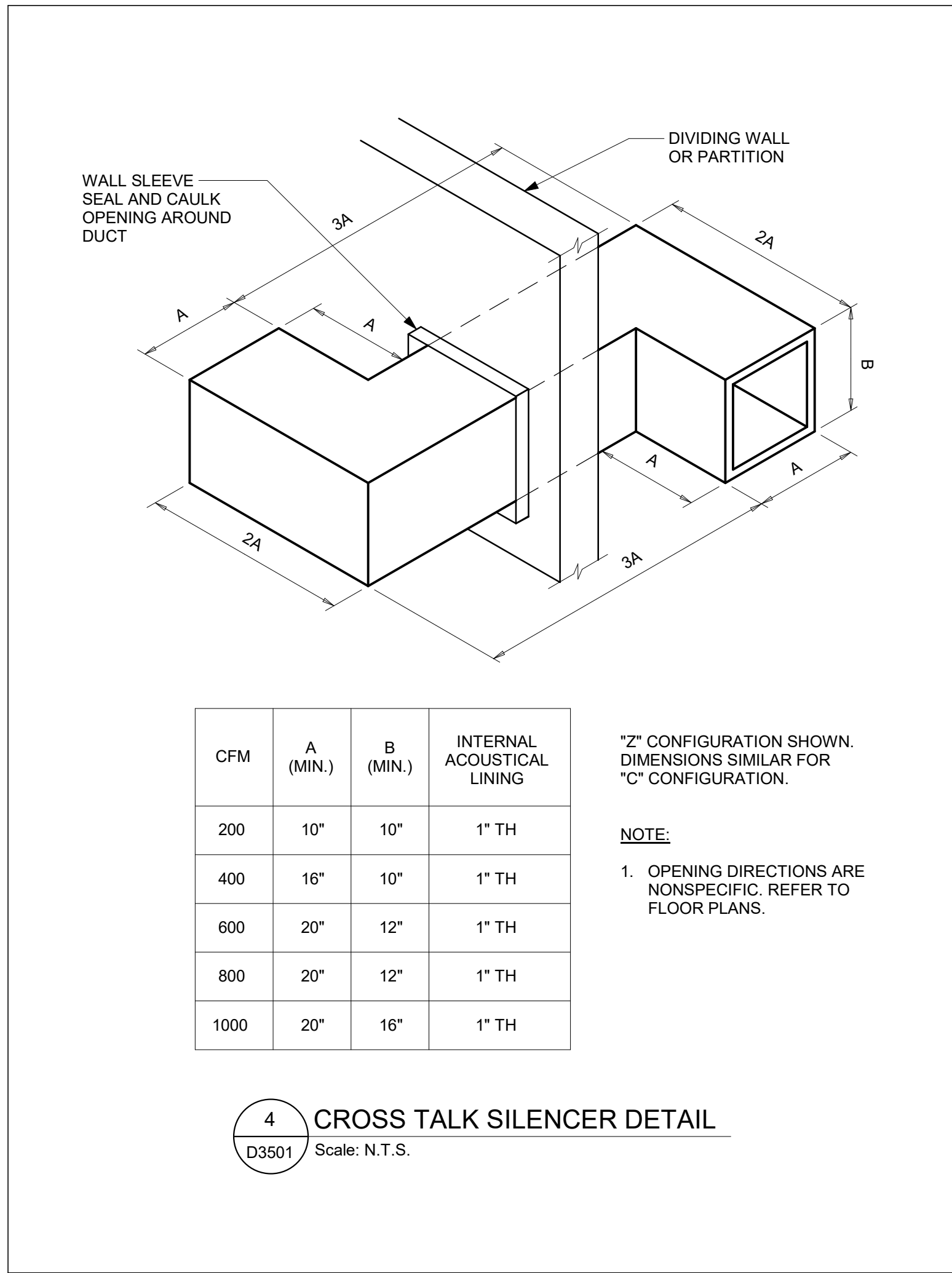
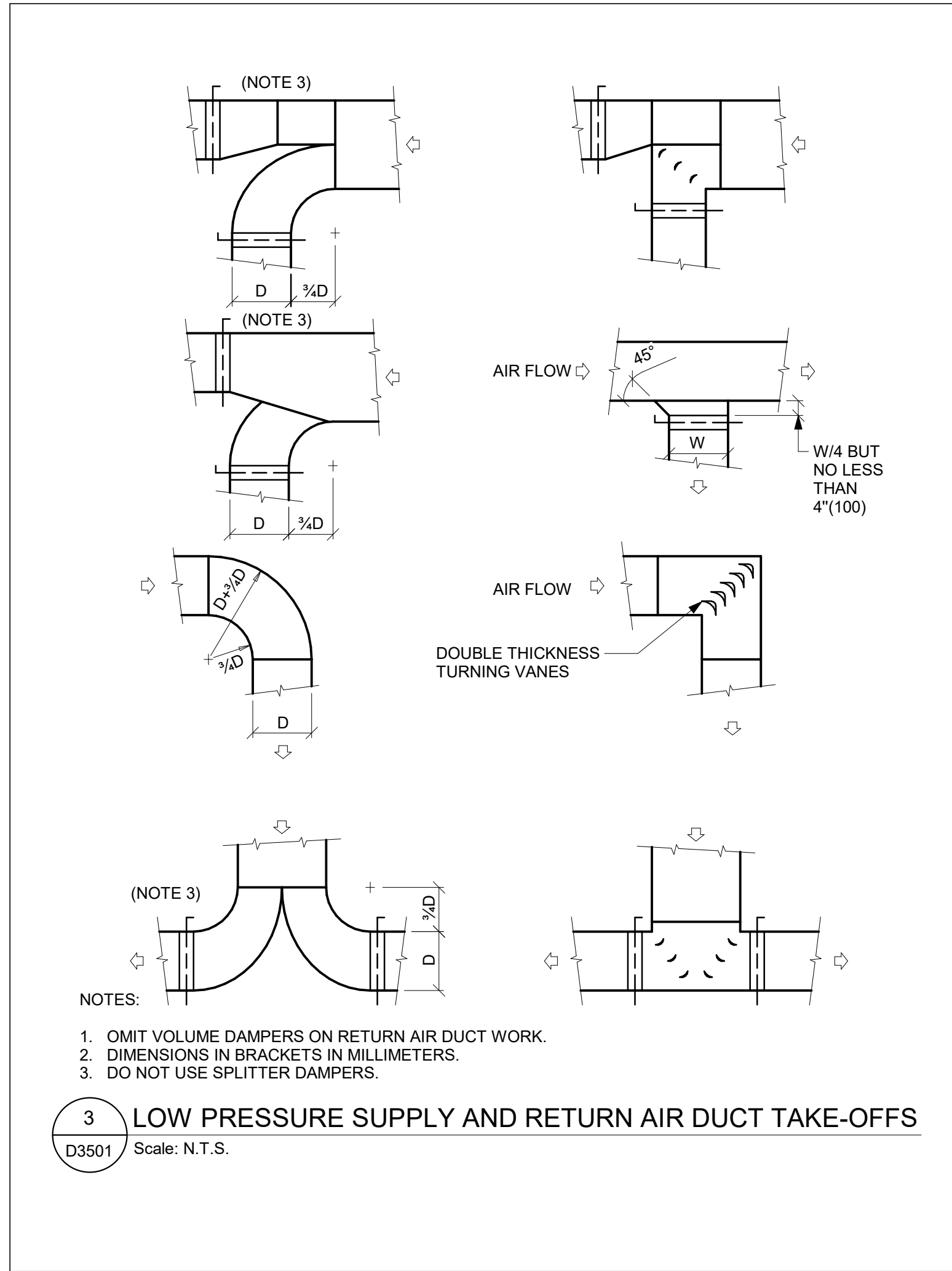
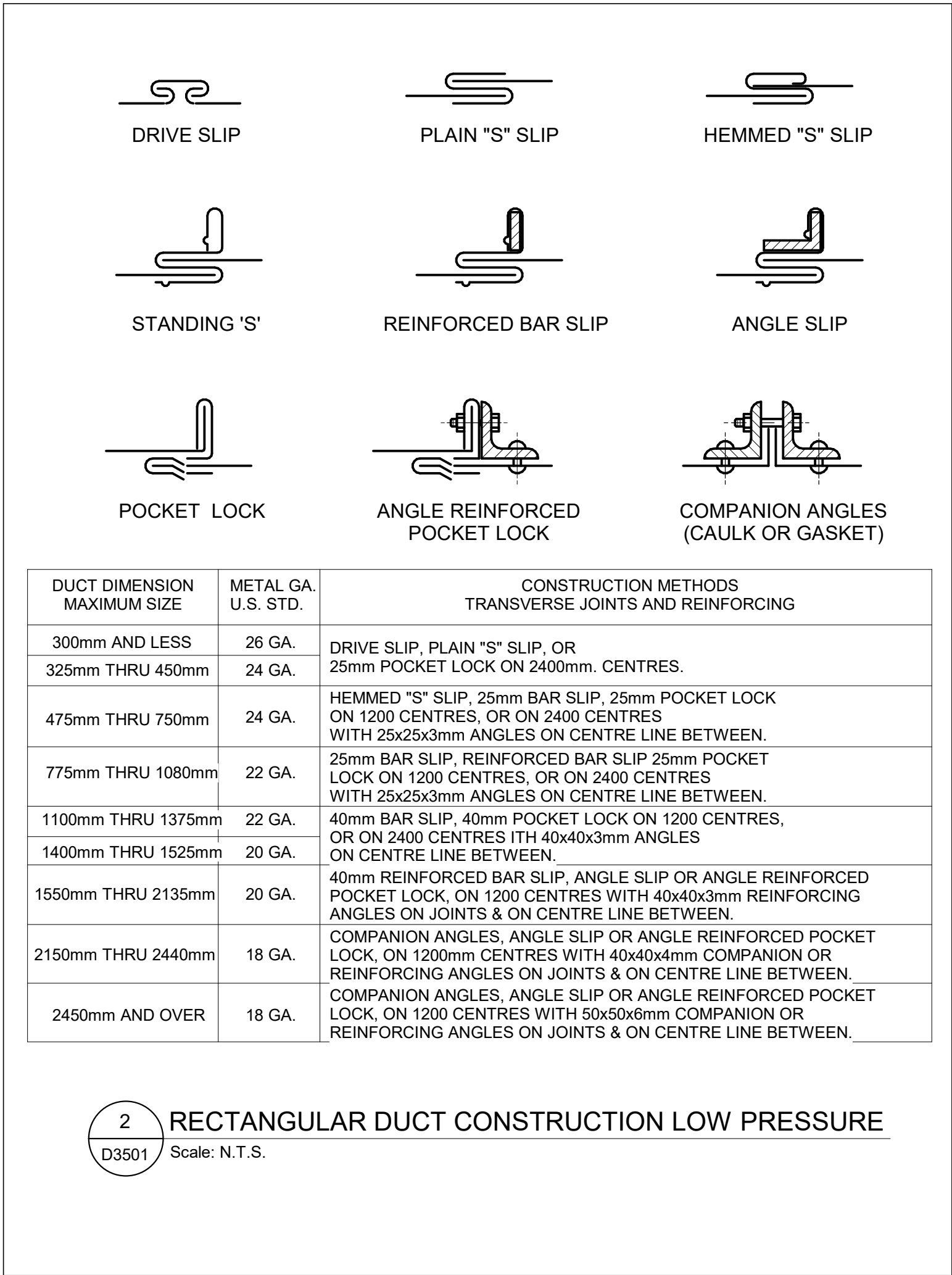
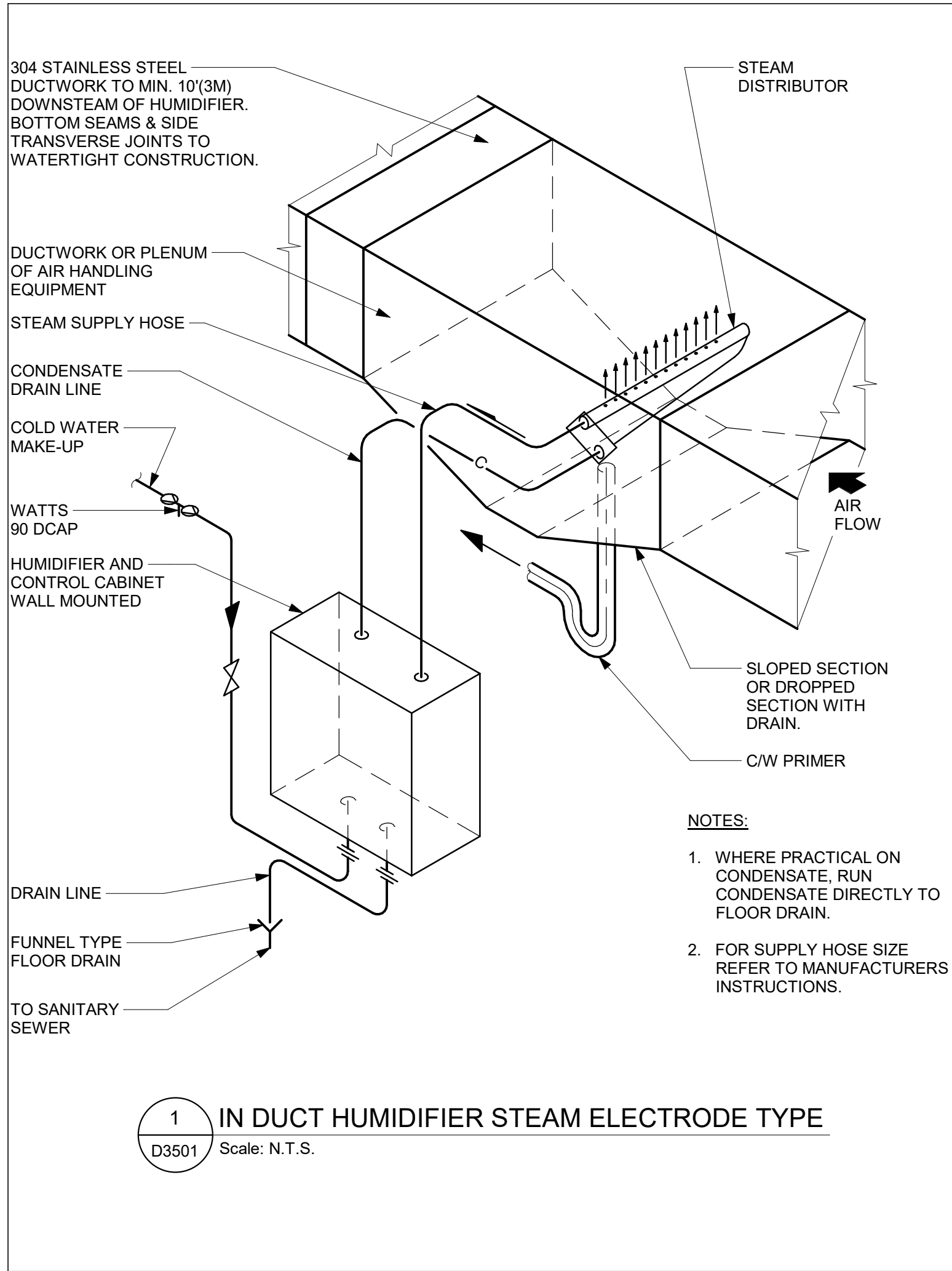
PROJECT TITLE
CITY OF TORONTO
ACCESSIBILITY UPGRADES

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
FIRE PROTECTION
DETAILS

| | |
|--------------------------------------|-------------------|
| SHEET NUMBER G05-GAL-D3401 | ISSUE F |
|--------------------------------------|-------------------|



CLIENT

CITY OF TORONTO

Corporate Real Estate Management
Project Management Office
Metro Hall Toronto, ON
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CHECKED BY:
B. LIAO

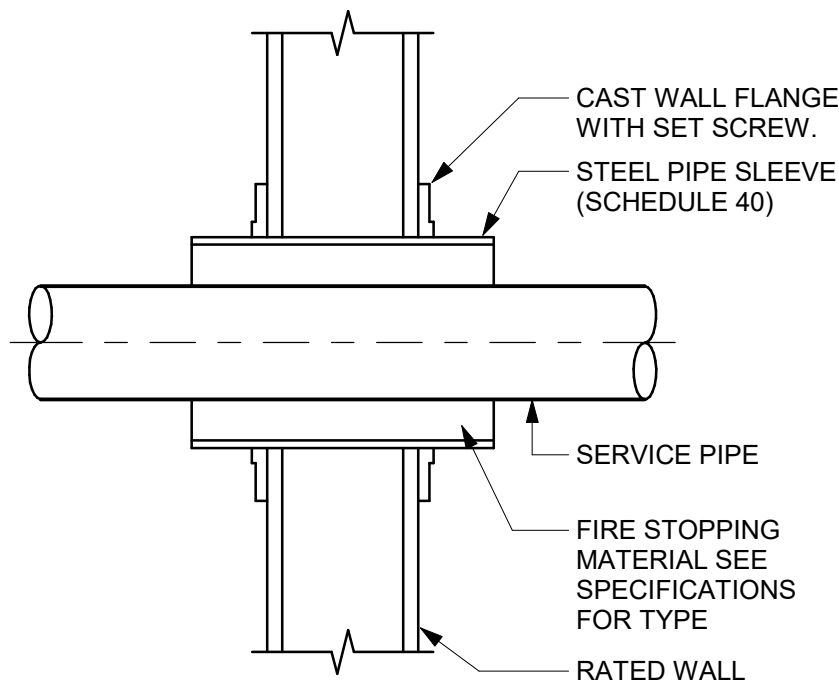
PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
S. LIU

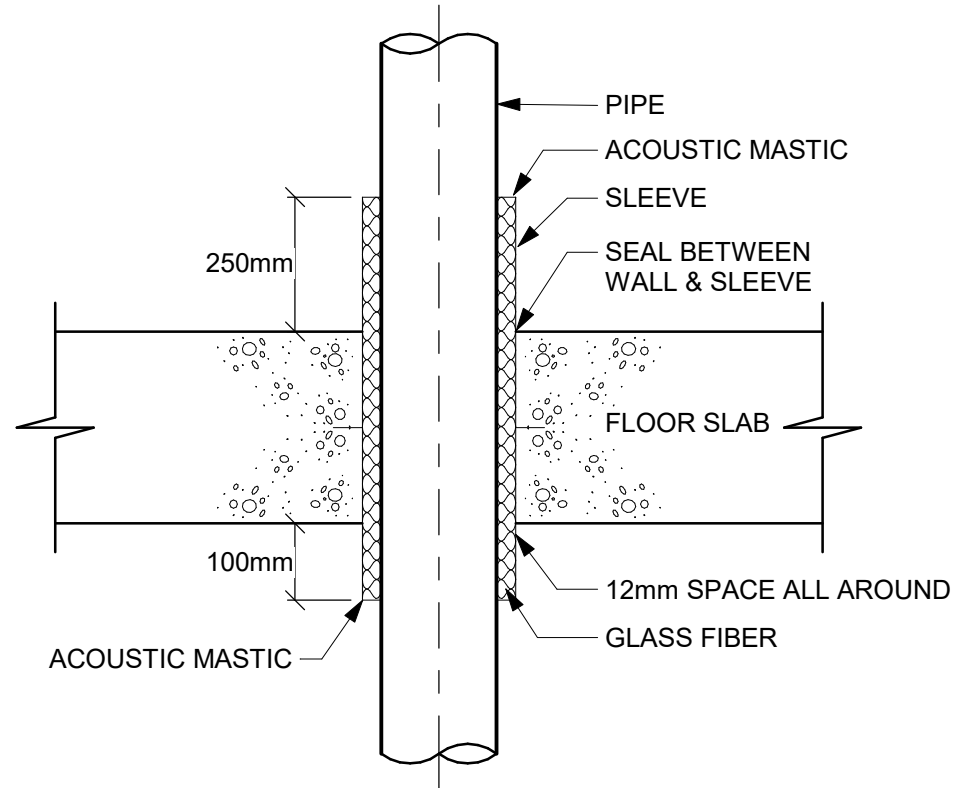
SHEET TITLE
HVAC DETAILS

SHEET NUMBER
G05-GAL-D3501

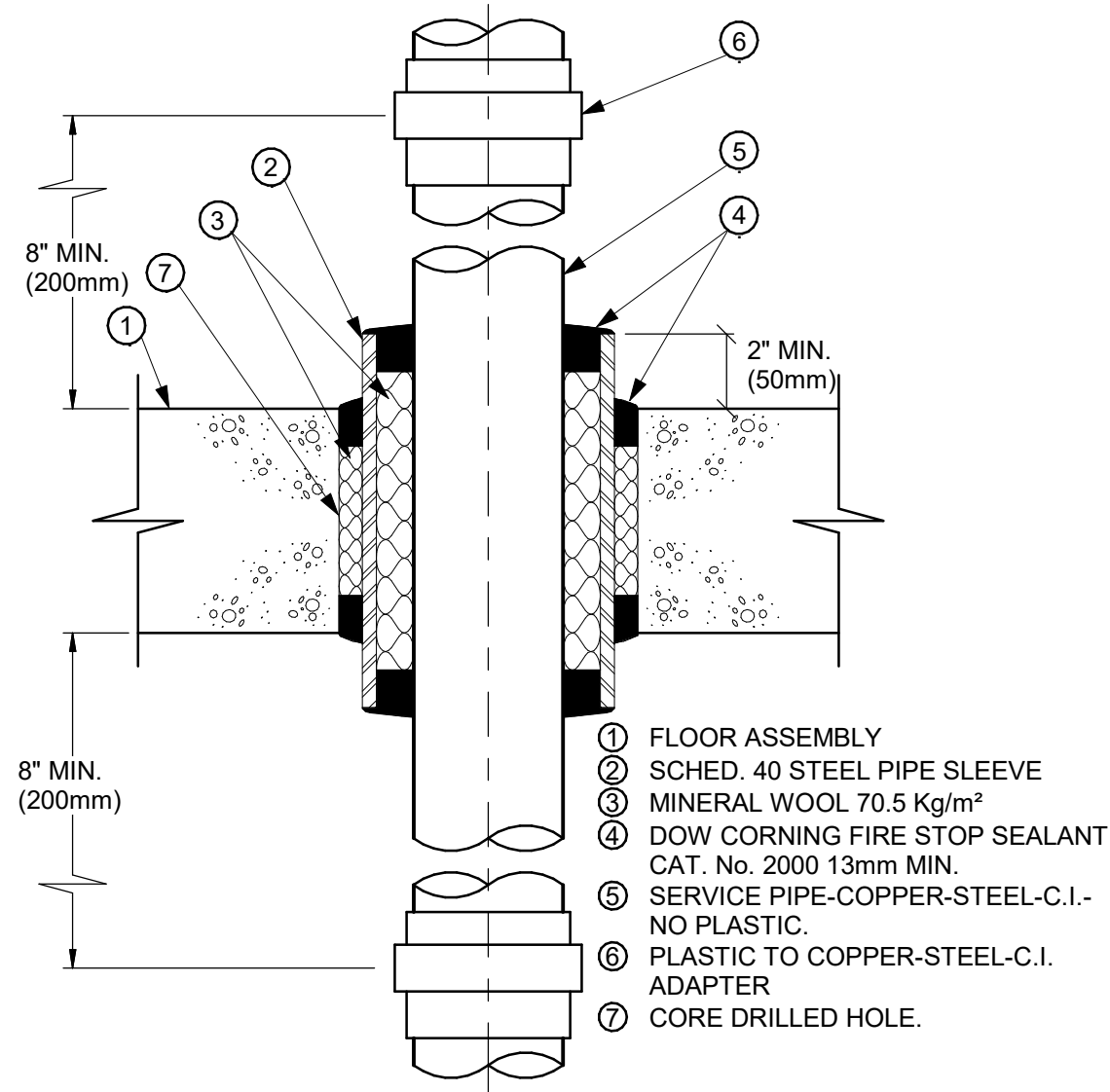
ISSUE
F



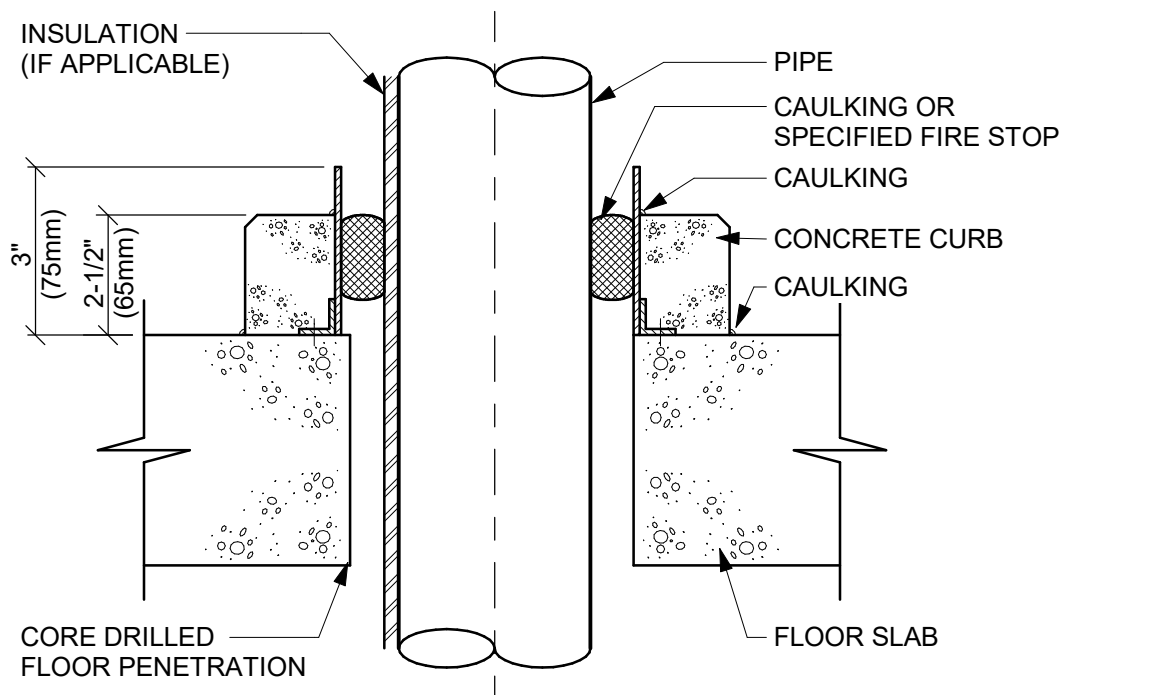
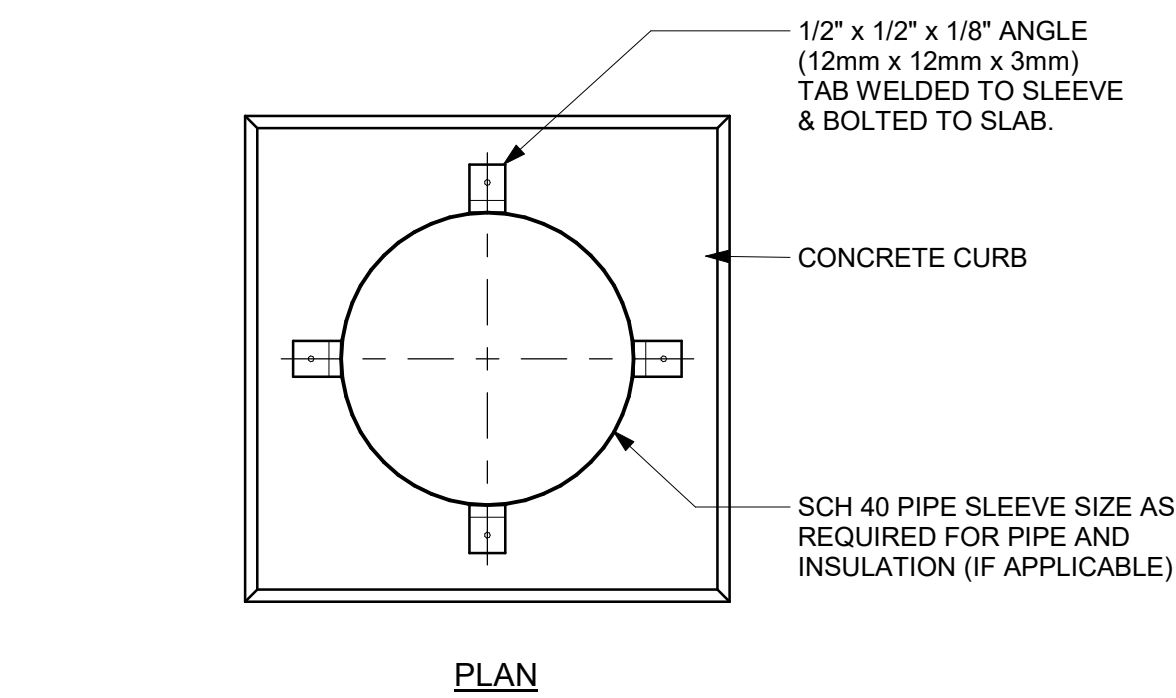
1 SLEEVE THROUGH RATED WALL
D3601 Scale: N.T.S.



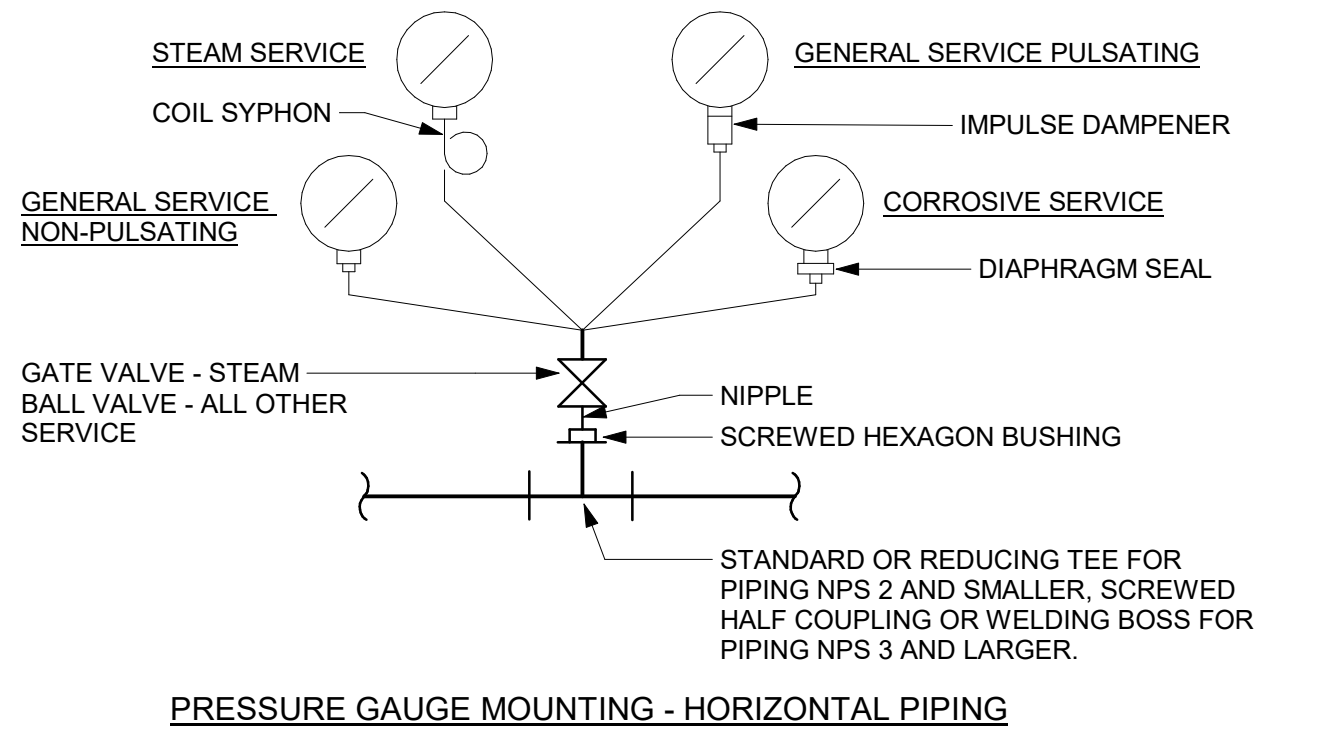
2 ACOUSTIC TREATMENT OF PIPE PENETRATION
OF MECHANICAL ROOM FLOOR SLAB
D3601 Scale: N.T.S.



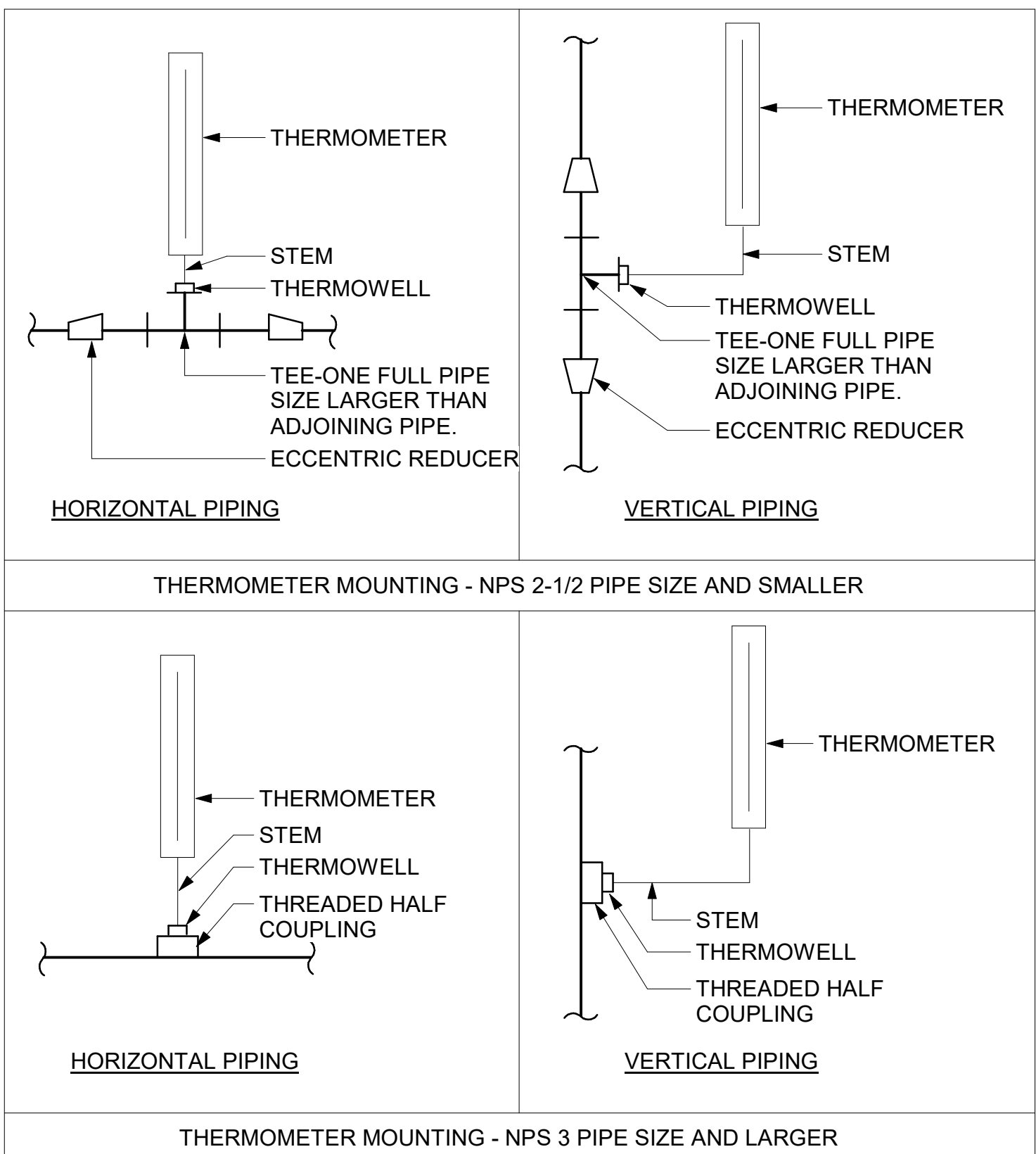
3 PIPE SLEEVE THROUGH FIRE RATED FLOOR SLAB
D3601 Scale: N.T.S.



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.

| 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 REVISED PERMIT | 2024-06-14 |
| F | ISSUED FOR TENDER | 2025-04-11 |

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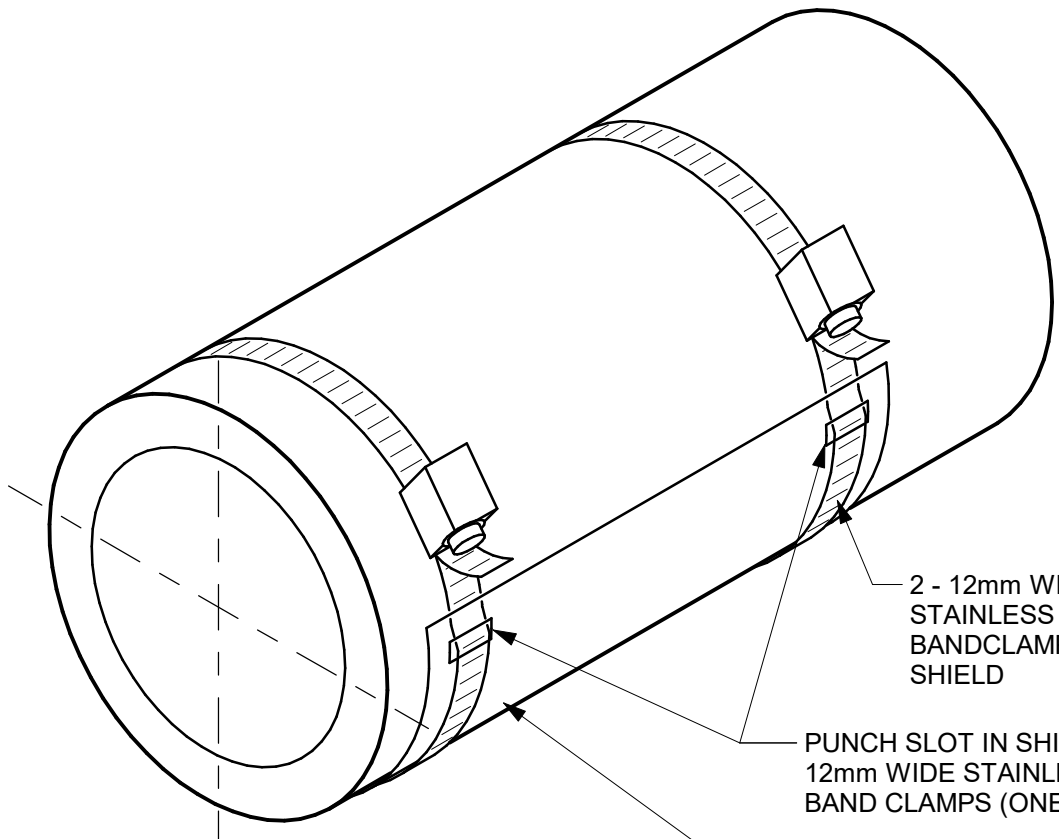
PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

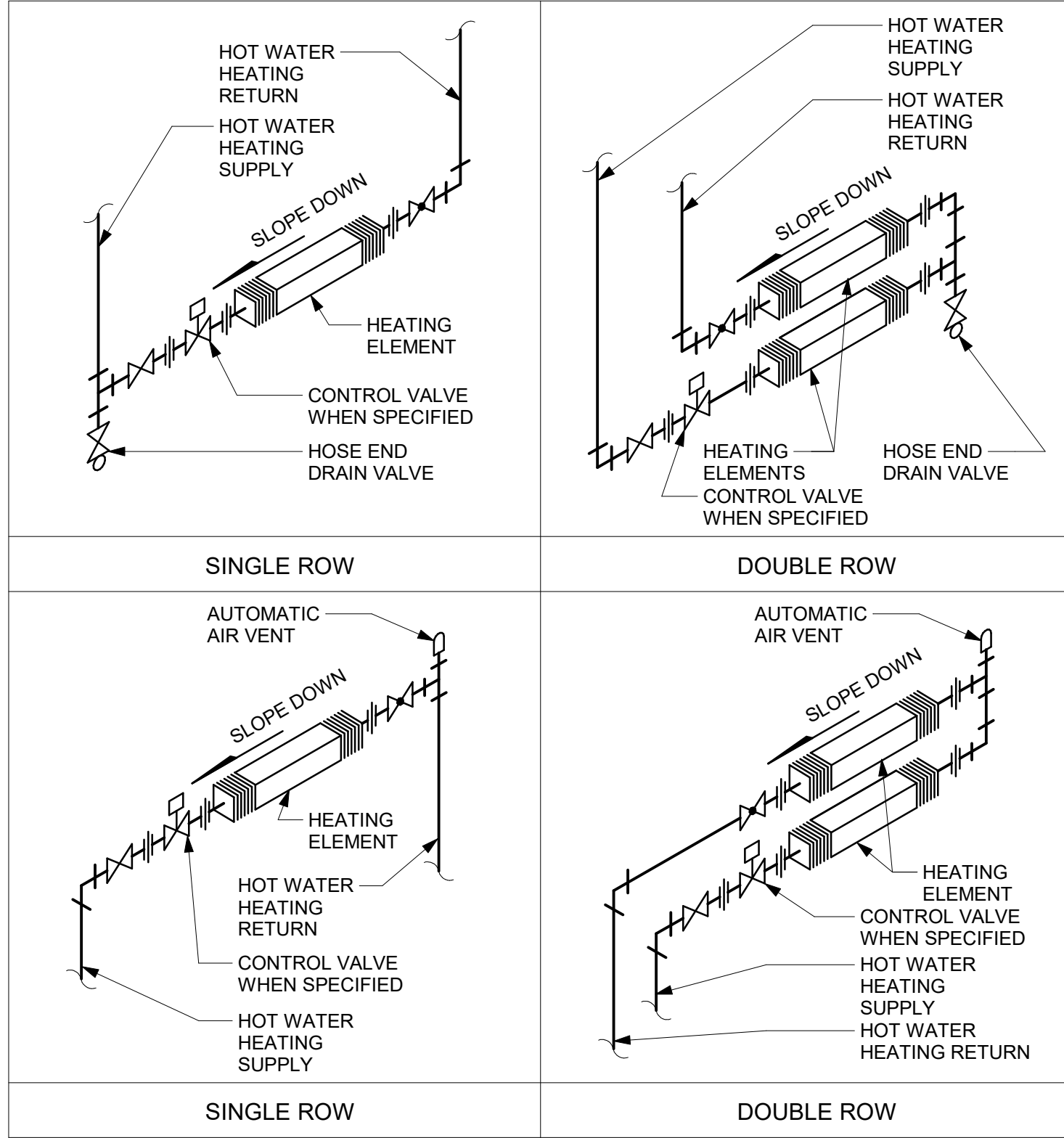
PROJECT NO:
9119- 19- 0162 / Arcadis 30279056
DRAWN BY:
K. DURUKAN
CHECKED BY:
B. LIAO
PROJECT MGR:
F. BOLOURIAN
APPROVED BY:
S. LIU

SHEET TITLE
**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.

| ISSUES | | |
|--------|---------------------------|------------|
| No. | DESCRIPTION | DATE |
| A | 50% SUBMISSION | 2021-11-19 |
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| E | ISSUED FOR REVISED PERMIT | 2024-06-14 |
| F | ISSUED FOR TENDER | 2025-04-11 |

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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 |
|-------------------------------|-----------------------------------|

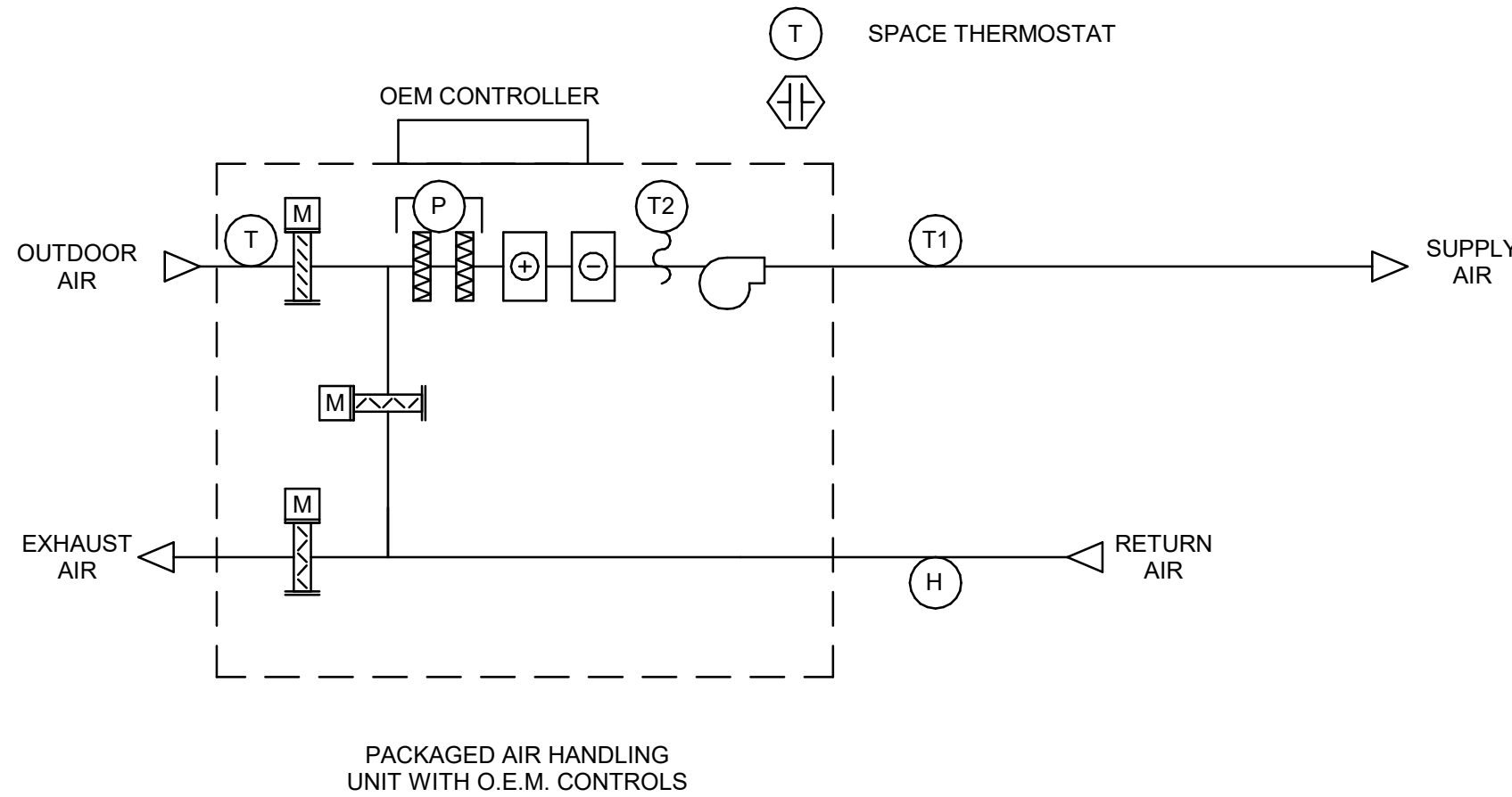
| | |
|-------------------------------------|-------------------------------|
| PROJECT MGR: F. BOLOURIAN | APPROVED BY: S. LIU |
|-------------------------------------|-------------------------------|

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

| | |
|--------------------------------------|-------------------|
| SHEET NUMBER G05-GAL-D3602 | ISSUE F |
|--------------------------------------|-------------------|



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

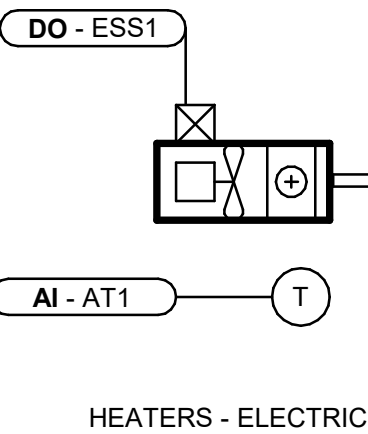
ALARMS
ALARM ON OEM CONTROLLER:

- 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

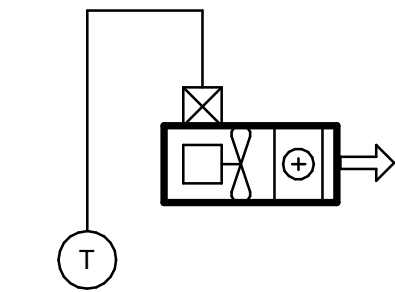
ALARMS
LOW SPACE TEMPERATURE (<10C)

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

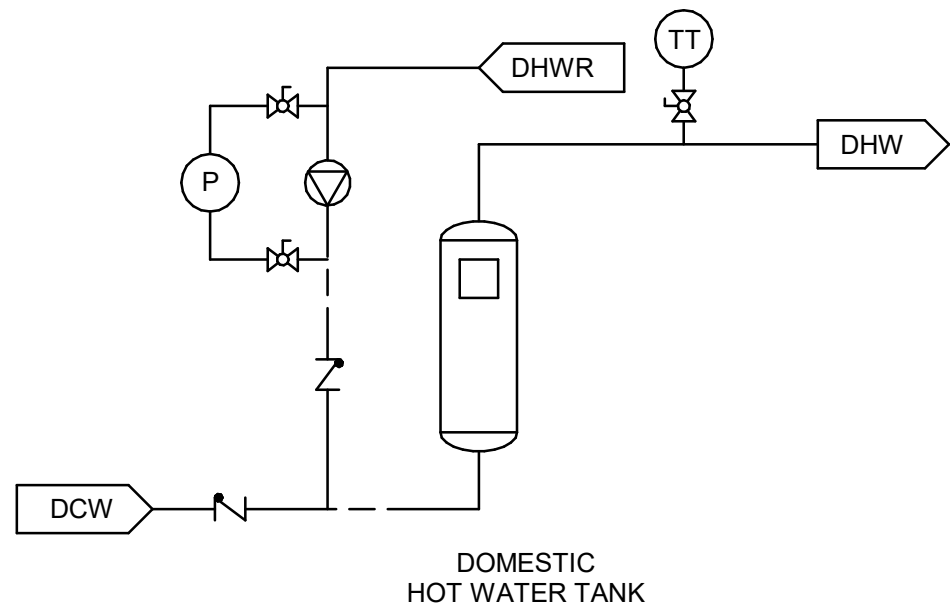
ALARMS
N/A

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

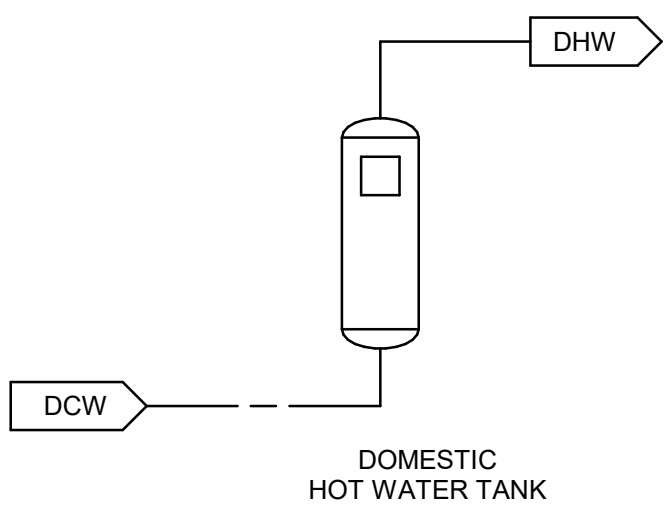
ALARMS
N/A

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 |

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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

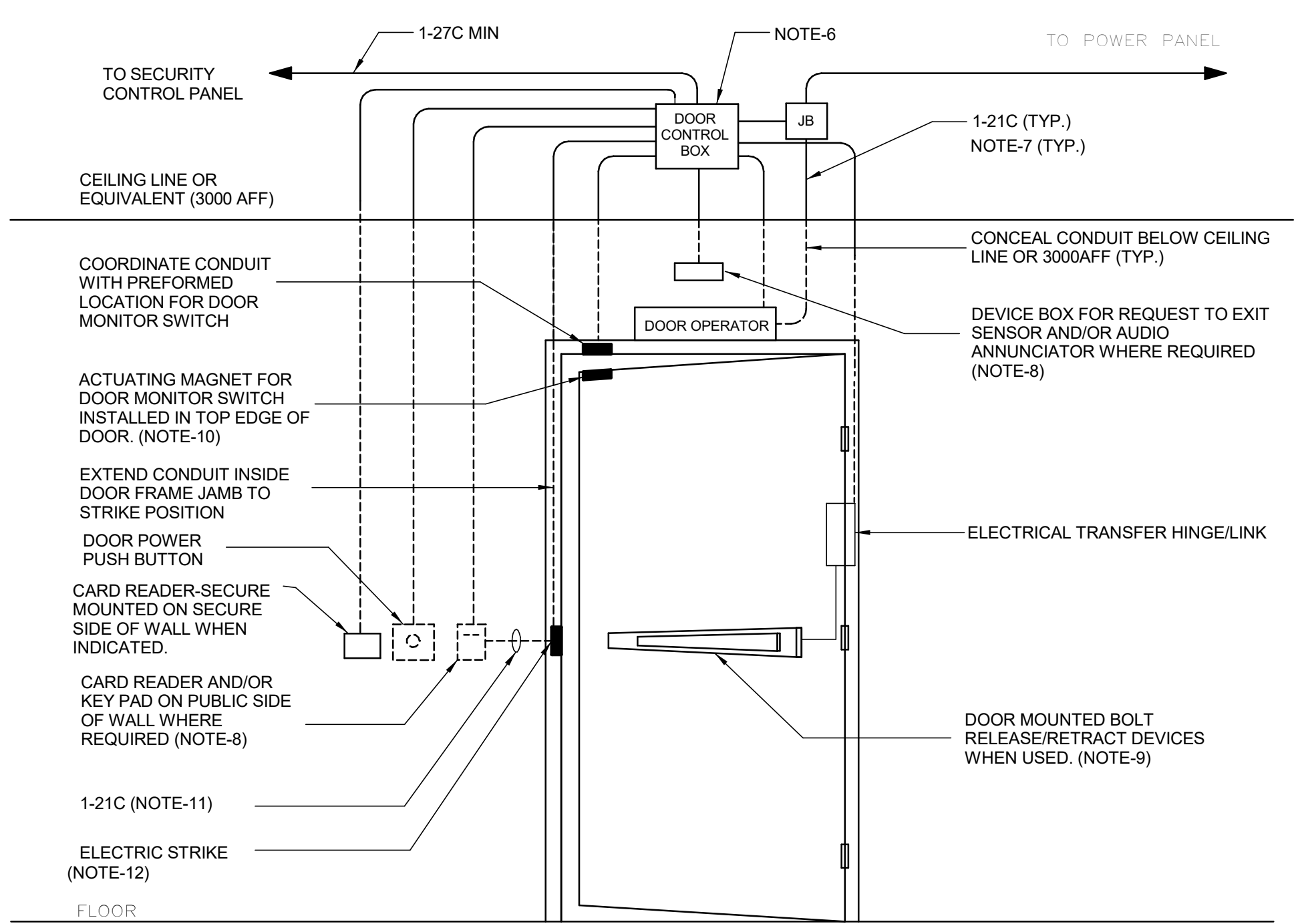
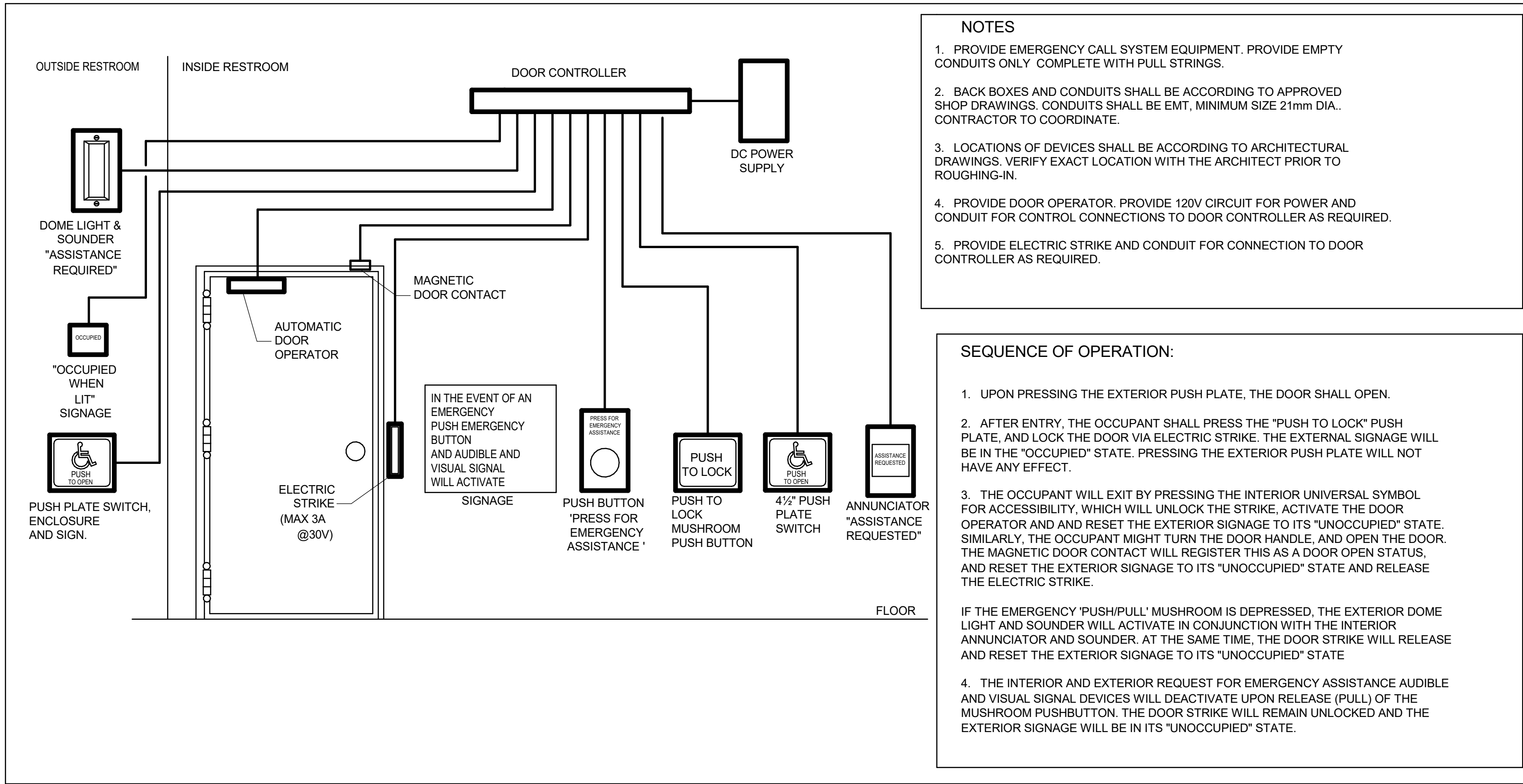
PROJECT MGR:
F. BOLOURIAN

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

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| ISSUES | | |
|--------|-------------------|------------|
| No. | DESCRIPTION | DATE |
| A | 50% SUBMISSION | 2022-04-27 |
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| C | ISSUED FOR PERMIT | 2022-07-29 |
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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

PROJECT NO:
9119- 19- 0162 / Arcadis 30279056
DRAWN BY:
V. MAC
PROJECT MGR:
N. FRISCI
CHECKED BY:
M. BOJIC
APPROVED BY:
P. WILLIAMS

SHEET TITLE
ELECTRICAL DETAILS 1

| | |
|------------------------------|-------------------|
| SHEET NUMBER D4001 | ISSUE D |
|------------------------------|-------------------|

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

1. PROVIDE 1-#6 GND WIRE FOR ALL UNDERGROUND EMPTY CONDUITS AND COMMUNICATIONS CONDUITS WITHOUT METAL WIRING/CABLES TO FACILITATE FUTURE 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 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.

CITY OF TORONTO
 **Toronto**
Corporate Real Estate Management
Project Management Office
Metro Hall Toronto, ON
M5V 3C6

Arcadis Professional Services (Canada) Inc

| 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 TITLE
CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT NO:
9119- 19- 0162 / Arcadis 30279056

| | |
|---------------------|---------------------|
| DRAWN BY: V. MAC | CHECKED M. BOJIC |
|---------------------|---------------------|

| | |
|------------------------------|-----------------------------|
| PROJECT MGR: F. BOLOURIAN | APPROVED BY: P. WILLIAMS |
|------------------------------|-----------------------------|

SHEET TITLE
ELECTRICAL GENERAL
NOTES

SHEET NUMBER
G05-G4003

D

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

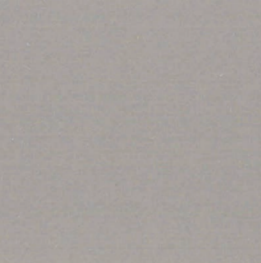
| WASHROOM FINISHES | |
|-------------------------------|--|
| WASHROOM / SHOWER WALLS | COLLECTION: COLOUR & DIMENSION |
| CWT-1 | COLOUR: ARCTIC WHITE MATTE |
| | SIZE: 100mm X 400mm (4"X16") |
| | SUPPLIER: OLYMPIA |
| | |
| WASHROOM / SHOWER WALL ACCENT | MATCH EXISTING |
| CWT-2 | TILE SIZE IS INDICATED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



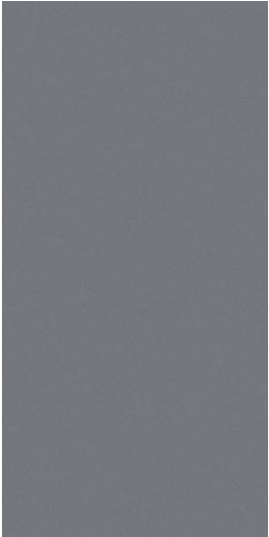
CWT-1



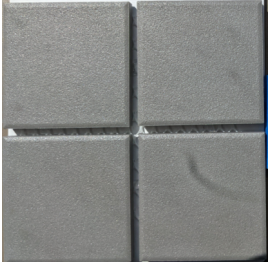
CWT-3



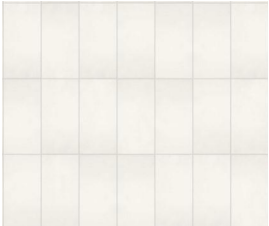
CWT-4



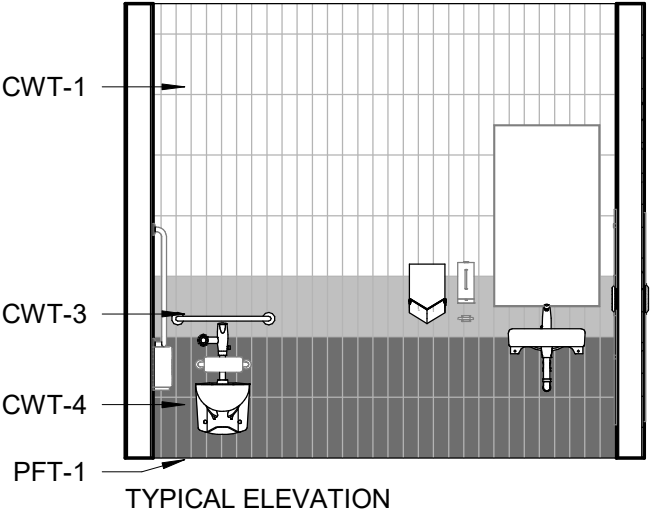
PFT-1



PFT-2



PFT-4



PICTURE 1



PICTURE 2

NOTE: PICTURES ARE ONLY FOR ILLUSTRATION PURPOSES

| | | | | |
|---|--|---|---|--|
|  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) |



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

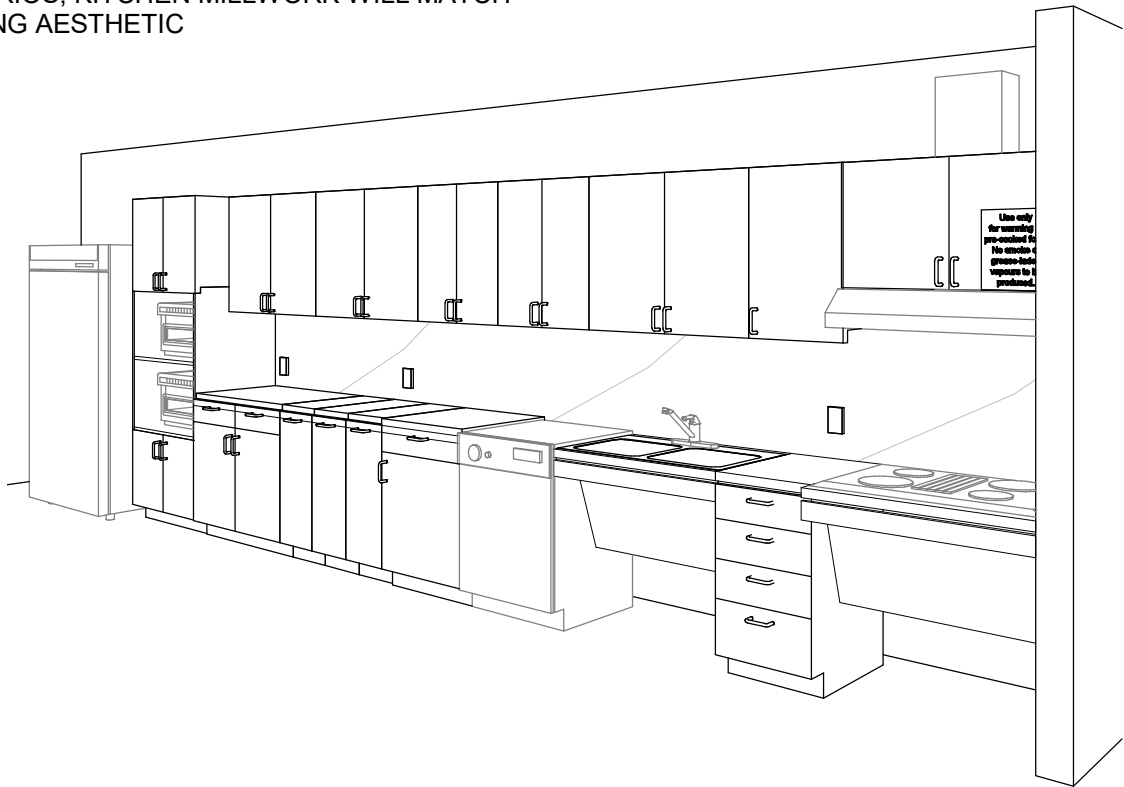
Issue: ISSUED FOR TENDER

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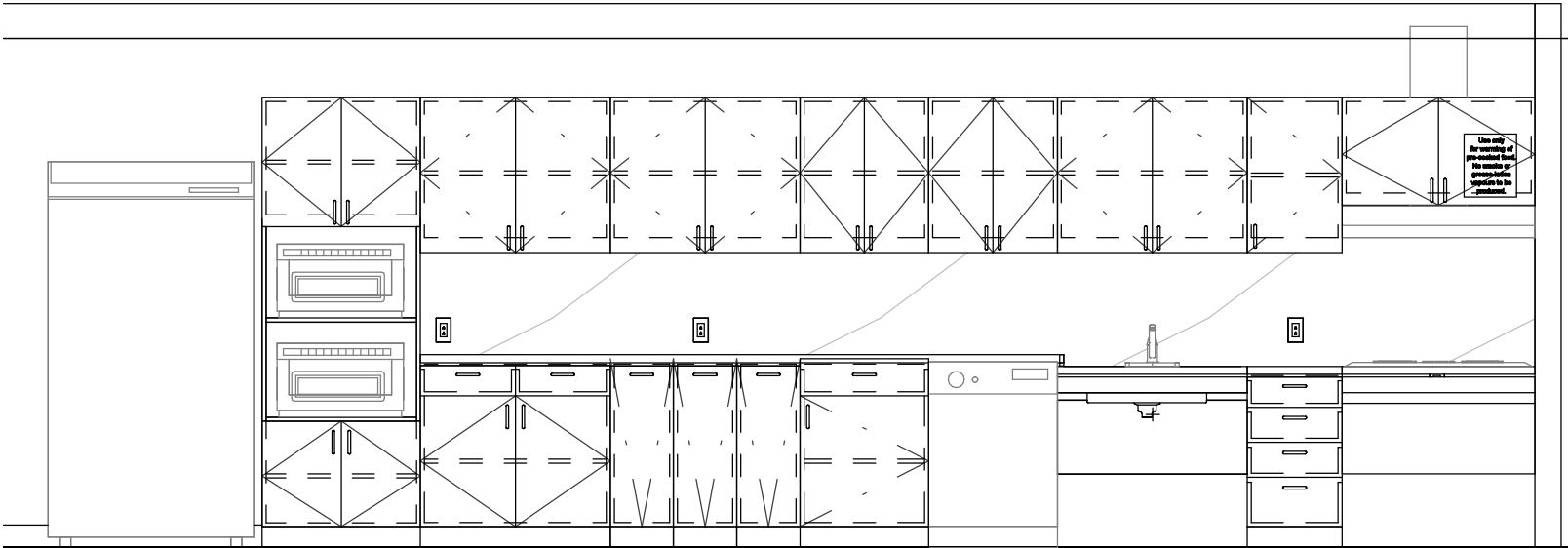
T02.1

| | | | | | |
|--|--|--|---|---|---|
|  |  |  |  |  | <div>DRINKING FOUNTAIN</div>  |
| 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 | 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 | 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 | 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 | 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 | 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. |
| FAUCET: TO BE USED WITH ALL LAVATORY TYPES MOEN ALIGN SENSOR FAUCET - 8559 ELECTRONIC 'NO-TOUCH' HARDWIRED POWERED FAUCET | | | | | |
|  |  |  |  | | |
| TOILET: W1H <u>WALL HUNG</u> - WHITE FINISH - VITREOUS CHINA WITH EVERCLEAN ANTIMICROBIAL SURFACE. NO. 3351.101.002 | TOILET: W2H <u>FLOOR MOUNTED</u> WHITE FINISH - VITREOUS CHINA WITH EVERCLEAN ANTIMICROBIAL SURFACE. NO. 3461.001.020 | TOILET WITH TANK: W3H <u>FLOOR MOUNTED</u> WHITE FINISH - VITREOUS CHINA WITH EVERCLEAN ANTIMICROBIAL SURFACE. PA TANK, 1.1 GPF WHITE | URINAL: U1H WALL HUNG 6590.001.020 - WASHBROOK FLOWISE - EXTENDED SIDES FOR PRIVACY - WASHDOWN ACTION - FLUSHING RIM - 19 MM DIA. | | |
| <div> ARCADIS</div> <div>100 - 175 Galaxy Blvd, Toronto, ON M9W 0C9, Canada tel 416 679 1930 www.arcadis.com</div> | <div> Toronto</div> <div>CITY OF TORONTO ACCESSIBILITY UPGRADES CITY OF TORONTO ACCESSIBILITY UPGRADES</div> | DRAWING TITLE: WASHROOM FIXTURES & DRINKING FOUNTAIN | | Project No: 9119- 19- 0162 / Arcadis 30279056 Date: 2025-04-11 Issue: ISSUED FOR TENDER | NO. T03 |

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

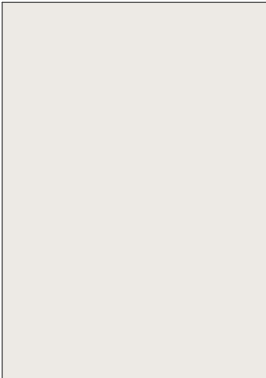
PERSPECTIVE & ELEVATION VIEWS ARE REPRESENTATIVE ONLY - REFER TO BUILDING-SPECIFIC DRAWINGS



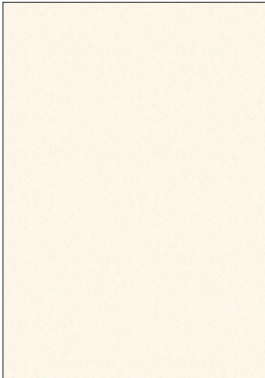
COUNTERTOP AND BACKSPLASH: Q-1
CAESARSTONE - QUARTZ
SUPERNATURAL COLLECTION
1111 VIVID WHITE



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

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Date: 2025-04-11

Issue: ISSUED FOR TENDER

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T04

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DRAWING TITLE:

RESERVED

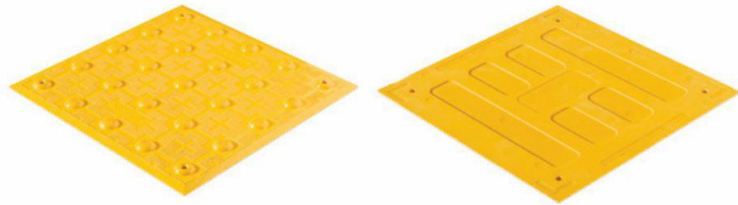
Project No: 9119- 19- 0162 / Arcadis 30279056

Date: 2025-04-11

Issue: ISSUED FOR TENDER

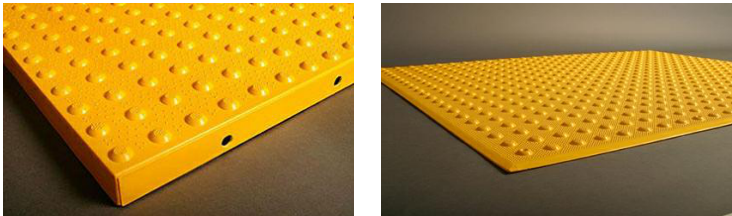
NO.

T05



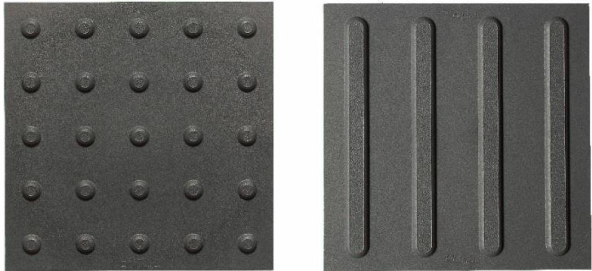
TA - 1a (SURFACE MOUNTED) INTERIOR AND EXTERIOR
TA - 1b (CAST IN PLACE) EXTERIOR
TA - 1c (SURFACE MOUNTED FIRE RATED) INTERIOR

- 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



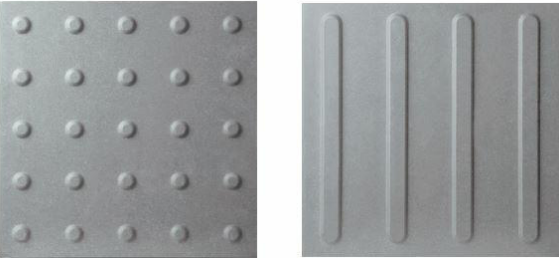
TA - 2a (SURFACE MOUNTED) INTERIOR AND EXTERIOR
TA - 2b (CAST IN PLACE) EXTERIOR

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



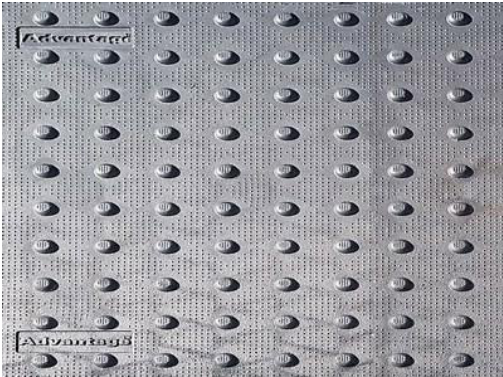
TA - 3

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



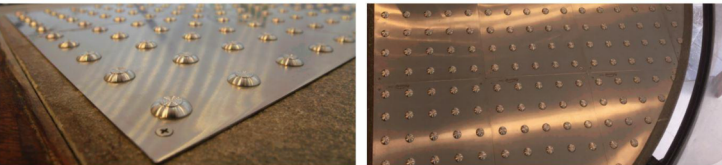
TA - 4

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



TA - 5

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



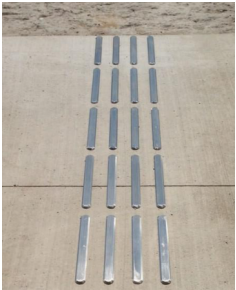
TA - 6

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



TA - 7

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



TA - 8

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



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DRAWING TITLE:

TACTILE ATTENTION INDICATORS

Project No: 9119- 19- 0162 / Arcadis 30279056

Date: 2025-04-11

Issue: ISSUED FOR TENDER

NO.

T06



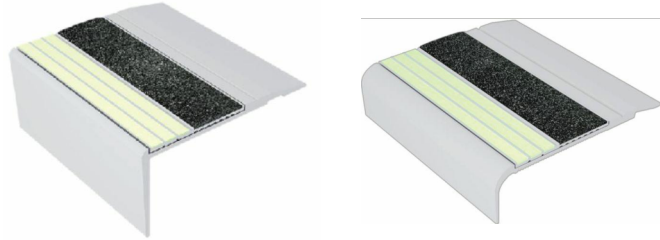
TA - 11 INTERIOR AND EXTERIOR TEXTURAL WARNING STRIP

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



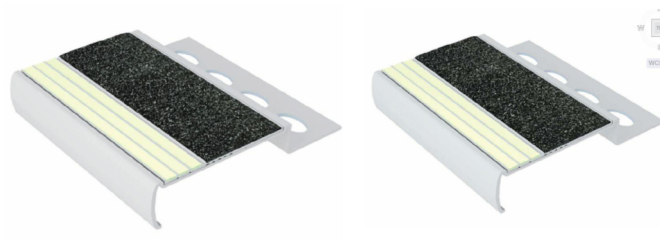
TA - 12 EXTERIOR CAST IN PLACE CONTRAST AND TEXTURAL WARNING STRIP

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



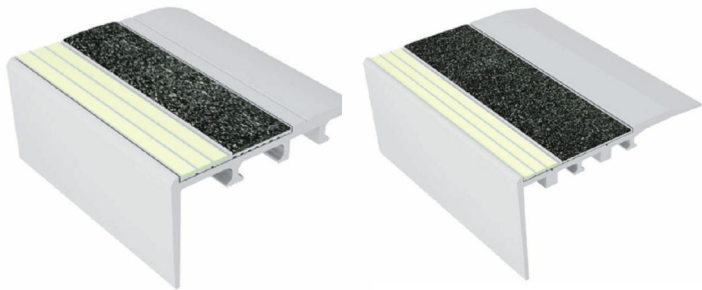
TA - 16 INTERIOR AND EXTERIOR USE (ON EXISTING) ON SMOOTH SURFACES STAIR NOSING FOR: TILE, CONC, WOOD, CARPET, VINYL.

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



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

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



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

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



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

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



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

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



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

Project No: 9119- 19- 0162 / Arcadis 30279056

Date: 2025-04-11

Issue: ISSUED FOR TENDER

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T07

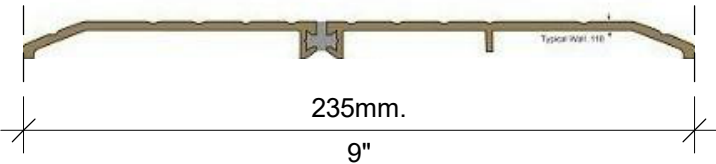
TH-1a

SMOOTH 6" WIDE THRESHOLD WITH ANTI-SLIP COATING



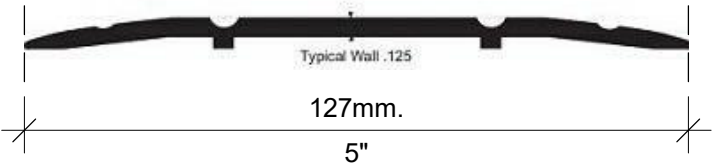
TH-2a

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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| 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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| PROJECT NO: 9119-19-0162 / Arcadis 30279056 | |
| DATE: 2023-04-11 | |
| SHEET NUMBER G05-083-G0001 | ISSUE D |

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

| ARCHITECTURAL DRAWING INDEX | |
|-----------------------------|--|
| SHEET NUMBER | SHEET NAME |
| A1001 | DEMOLITION SITE PLAN |
| A1002 | DEMOLITION PLAN - ENLARGED SITE PLAN |
| A1201 | SITE PLAN |
| A1301 | ENLARGED SITE PLAN |
| A2001 | FIRST FLOOR DEMOLITION PLAN |
| A2002 | SECOND FLOOR DEMOLITION PLAN |
| A2101 | FIRST FLOOR STAGING PLAN |
| A2102 | SECOND FLOOR STAGING PLAN |
| A2411 | FIRST FLOOR PROPOSED PLAN |
| A2421 | SECOND FLOOR PROPOSED PLAN |
| A2611 | FIRST FLOOR FINISH PLAN |
| A2811 | FIRST FLOOR REFLECTED CEILING PLAN |
| A5011 | WASHROOM PLANS/ELEVATIONS |
| A5012 | WASHROOM PLANS/ELEVATIONS |
| A5211 | STAIR PLANS AND SECTION |
| A5212 | STAIR PLANS AND SECTION |
| A6011 | INTERIOR ELEVATIONS |
| A7111 | ENLARGED KITCHEN PLAN & ELEVATIONS |
| A8010 | SIGNAGE & WAYFINDING DETAILS LEVEL 1 LOCATION PLAN |
| A8020 | SIGNAGE & WAYFINDING DETAILS LEVEL 2 LOCATION PLAN |
| A8100 | SIGNAGE & WAYFINDING DETAILS MESSAGE SCHEDULE |
| A8101 | SIGNAGE & WAYFINDING DETAILS MESSAGE SCHEDULE |
| A9001 | DOOR AND ROOM FINISH SCHEDULES |

| STRUCTURAL DRAWING INDEX | |
|--------------------------|---------------------------------|
| SHEET NUMBER | SHEET NAME |
| S0001 | DRAWING LIST |
| S2000 | DEMOLITION PLAN |
| S2401 | SITE PLAN |
| S5601 | RAMPS - PLANS, SECTION, DETAILS |

| MECHANICAL DRAWING INDEX | |
|--------------------------|--------------------------------|
| SHEET NUMBER | SHEET NAME |
| M0001 | MECHANICAL DRAWING LIST |
| M1101 | DEMOLITION PLAN - GROUND FLOOR |
| M2101 | PLUMBING - GROUND FLOOR |
| M3101 | DRAINAGE - GROUND FLOOR |
| M5101 | HVAC - GROUND FLOOR |

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

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Project Management Office
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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



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

160 DUNCAN MILL RD.

PROJECT NO:
9119-19-0162 / Arcadis 30279056

DRAWN BY:
C. LEE

CHECKED BY:
K. TILAHUN

PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
E. FENUTA

SHEET TITLE
DRAWING LIST

SHEET NUMBER

G05-083-G0002

ISSUE

D

| | | | | | | | | |
|--|--|--|--|--|---------------------------------|--|---------------------------|---|
| Firm Name: IBI GROUP ARCHITECTS (CANADA) INC. CERTIFICATE OF PRACTICE NUMBER 5605 100-175 Galaxy Boulevard Toronto, ON M9W 0C9 T 416 679 1930 F 416 675 4620 | | | | Name of Project DUNCAN MILL BUILDING NO.100 ACCESSIBILITY UPGRADES Location 160 DUNCAN MILL RD. NORTH YORK, TORONTO ON M3B 1Z5 | | | | |
| ITEM | Ontario's 2012 Building Code Data Matrix Part 3 or 9 | | | OBC REFERENCE | | REMARKS | | |
| | | | | References are to Division B unless noted (A) for Division A or (C) for Division C | | | | |
| 1. | PROJECT DESCRIPTION <div><input type="checkbox"/> New <input type="checkbox"/> Addition <input type="checkbox"/> CHANGE OF USE <input checked="" type="checkbox"/> Alteration</div> | | <input checked="" type="checkbox"/> PART 11 11.1 to 11.4 | <input checked="" type="checkbox"/> PART 3 | <input type="checkbox"/> PART 9 | | | |
| 2. | MAJOR OCCUPANCY(S) GROUP D - BUSINESS AND PERSONAL SERVICE OCCUPANCY(S) SUBSIDIARY OCCUPANCY(S) | | | 3.1.2.1. (1) | 9.10.2. | EXISTING NO CHANGE | | |
| 3. | BUILDING AREA (m²) | EXISTING - 1074.2 | NEW - 0 | TOTAL - 1074.2 | | 1.4.1.2. [A] | 1.4.1.2. [A] | |
| 4. | GROSS AREA (m²) | EXISTING - 2229.7 | NEW - 0 | TOTAL - 2229.7 | | 1.4.1.2. [A] | 1.4.1.2. [A] | EXISTING NO CHANGE |
| 5. | NUMBER OF STOREYS | ABOVE GRADE - 2 | | BELOW GRADE - 0 | | 1.4.1.2. [A] & 3.2.1.1. | 1.4.1.2. [A] & 9.10.4. | |
| 6. | NUMBER OF STREETS/FIRE FIGHTER ACCESS - 1 | | | EXISTING NO CHANGE | | 3.2.2.10. & 3.2.5. | 9.10.20. | |
| 7. | BUILDING CLASSIFICATION - | | | EXISTING NO CHANGE | | 3.2.2.67. | 9.10.2. | |
| 8. | SPRINKLER SYSTEM PROPOSED | | <input type="checkbox"/> ENTIRE BUILDING <input type="checkbox"/> SELECTED COMPARTMENTS <input type="checkbox"/> SELECTED FLOOR AREAS <input type="checkbox"/> BASEMENT <input checked="" type="checkbox"/> NOT REQUIRED | <input type="checkbox"/> IN LIEU OF ROOF RATING | | 3.2.2.67 3.2.1.5 3.2.2.17 INDEX | 9.10.8.2 INDEX | EXISTING NO CHANGE |
| 9. | STANDPIPE REQUIRED | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO | | | 3.2.9. | N/A | EXISTING NO CHANGE |
| | STANDPIPE PROVIDED | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO | | | | | |
| 10. | FIRE ALARM REQUIRED | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | | | 3.2.4. | 9.10.18. | EXISTING NO CHANGE |
| | FIRE ALARM PROVIDED | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | | | | | |
| 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 | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO | | | 3.2.6. | N/A | |
| 13. | CONSTRUCTION RESTRICTIONS | <input type="checkbox"/> COMBUSTIBLE PERMITTED | <input checked="" type="checkbox"/> NON-COMBUSTIBLE REQUIRED | <input type="checkbox"/> BOTH | | 3.2.2.67. | 9.10.6. | EXISTING NO CHANGE |
| | ACTUAL CONSTRUCTION | <input type="checkbox"/> COMBUSTIBLE | <input checked="" type="checkbox"/> NON-COMBUSTIBLE | <input type="checkbox"/> BOTH | | | | |
| 14. | MEZZANINE (S) AREA m² | | | N/A | | 3.2.1.1. (3) - (8) | 9.10.4.1. | |
| 15. | OCCUPANT LOAD BASED ON | | <input type="checkbox"/> m²/PERSON | <input checked="" type="checkbox"/> DESIGN OF BUILDING | | 3.1.17. | 4.9.13. | EXISTING NO CHANGE |
| | 1ST FLOOR: | OCCUPANCY | | LOAD | PERSONS | | | |
| | 2ND FLOOR: | OCCUPANCY | | LOAD | PERSONS | | | |
| | MEZZANINE FLOOR: | OCCUPANCY | | LOAD | PERSONS | | | |
| 16. | BARRIER FREE DESIGN | | <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 | HORIZONTAL ASSEMBLIES FRR (HOURS) | | LISTED DESIGN NO. OR DESCRIPTION (SB-2) | | 3.2.2.67. & 3.2.1.4. | 9.10.8. 9.10.9. | |
| | RESISTANCE RATING | FLOORS | NO CHANGE | | | | | |
| | (FRR) | ROOF | NO CHANGE | | | | | |
| | | MEZZANINE | N/A | | | | | |

| ITEM | Ontario's 2012 Building Code Data Matrix Part 3 or 9 | | | | | | | | OBC REFERENCE | | | REMARKS | | | | | | | | | |
|------|---|---------------------|------------------------------|---------------|--|---------------------------|----------------|---------------------------------|---|-------------------------------|--|---------------------------------|--------------------|------------------|----------------------|----------------------|--|--|--|--|--|
| | | | | | | | | | References are to Division B unless noted (A) for Division A or (C) for Division C | | | | | | | | | | | | |
| 18b. | REQUIRED FIRE RESISTANCE RATING (FRR) | | FRR OF SUPPORTING MEMBERS | | LISTED DESIGN NO. OR DESCRIPTION (SB-2) | | | | SB-2 TABLE 2.1.1. | | | | | | | | | | | | |
| | | | FLOORS NO CHANGE | | | | | | | | | | | | | | | | | | |
| | | | ROOF NO CHANGE | | SB-2 TABLE 2.1.1. | | | | | | | | | | | | | | | | |
| | MEZZANINE | | | | | | | | | | | | | | | | | | | | |
| 19. | SPATIAL SEPARATION - CONSTRUCTION OF EXTERIOR WALLS | | | | | | | | 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 | | | | | | | | | | OBC REFERENCE | | | | | | | | | | |
| | MALE / FEMALE COUNT @ % / % EXISTING NO CHANGE | | | | | | | | | | <input checked="" type="checkbox"/> PART 3 | <input type="checkbox"/> PART 9 | | | | | | | | | |
| | EXCEPT AS NOTED OTHERWISE | | | | | | | | | | OCCUPANT LOAD | | | OBC TABLE NUMBER | FIXTURES REQUIRED | FIXTURES PROVIDED | | | | | |
| | | | | | | | | | | | MAJOR OCCUPANCY | | | | | | | | | | |

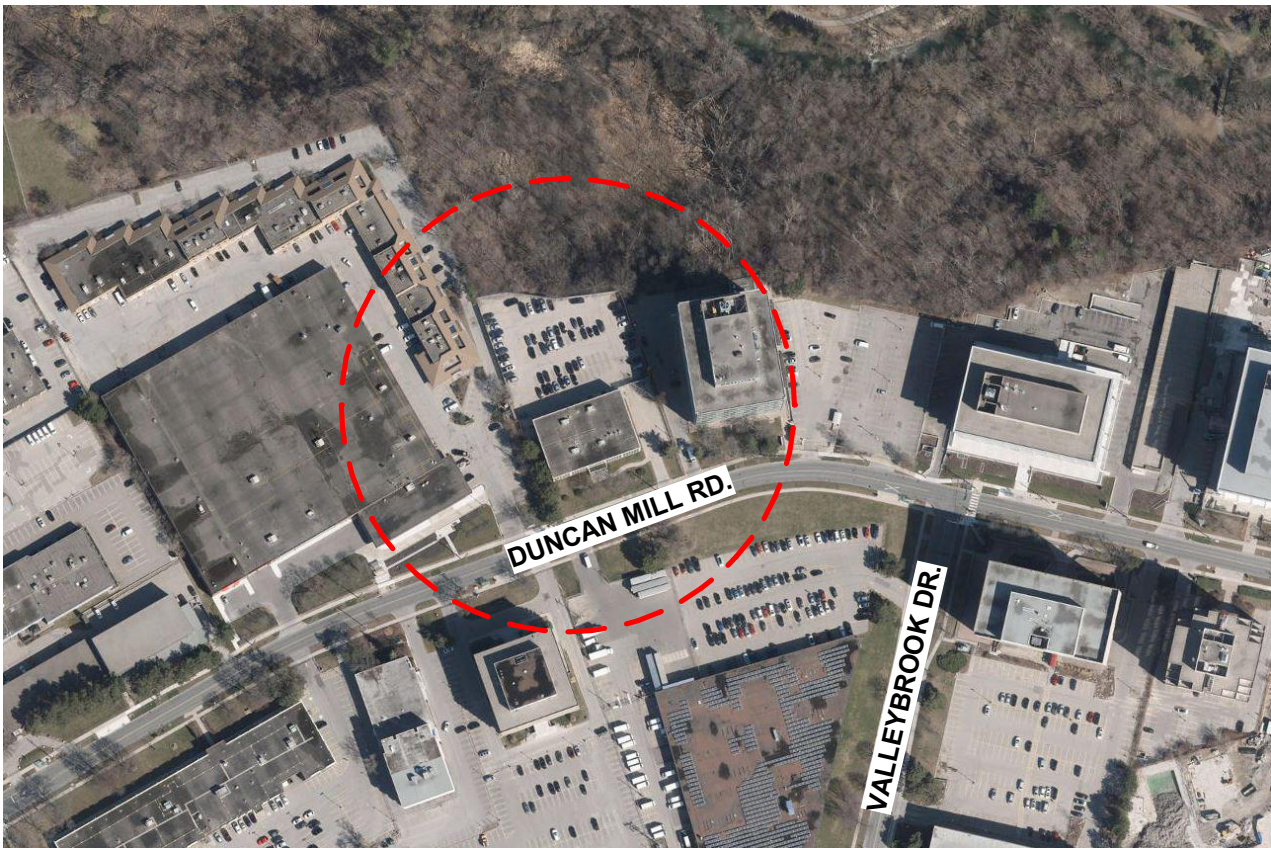
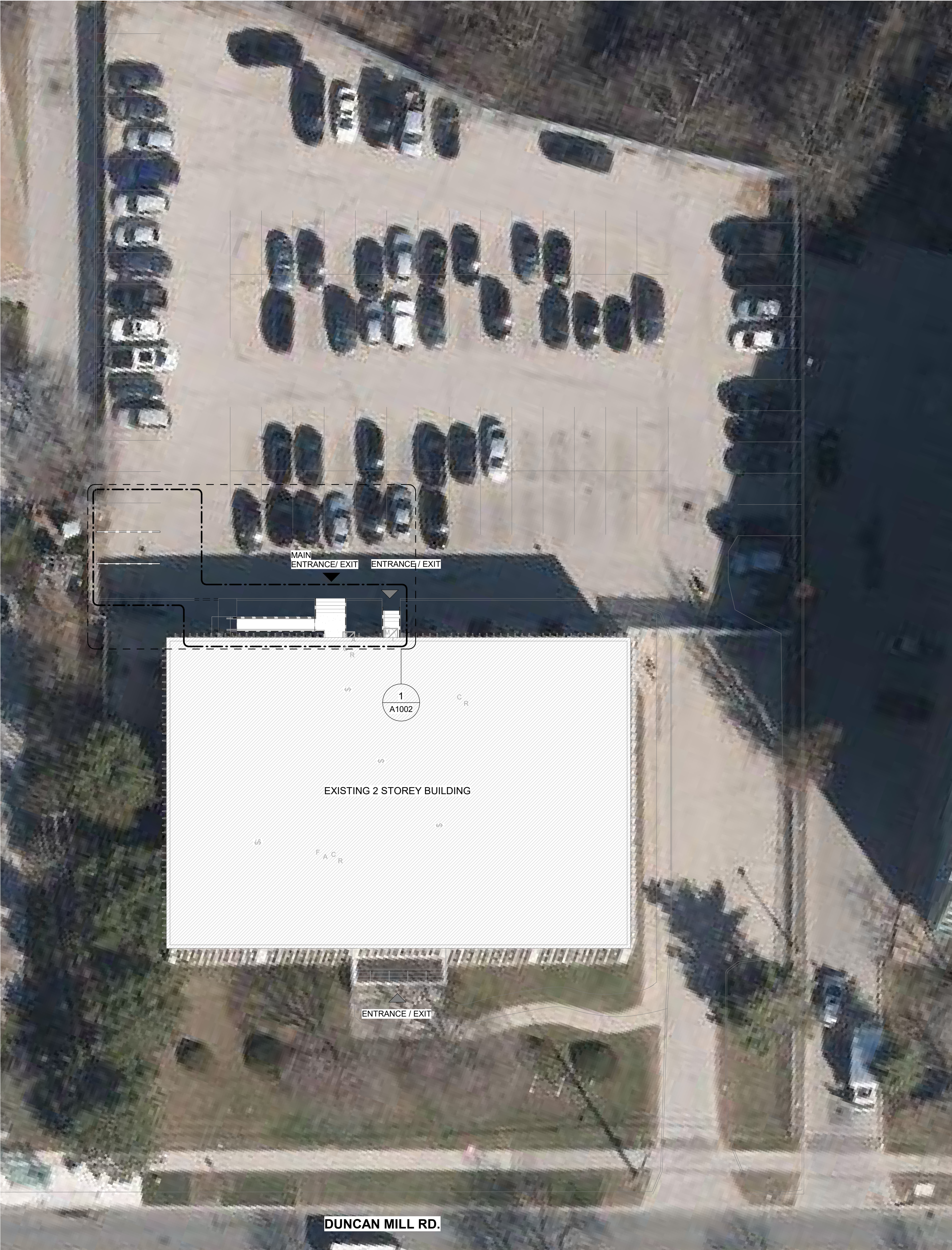


IMAGE SOURCE: GOOGLE MAPS

2 KEY PLAN
A1001 Scale: 1 : 1000



1 SITE PLAN - DEMOLITION PLAN
A1001 Scale: 1 : 200

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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Project Management Office
Metro Hall Toronto, ON
M5V 3C6

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| No. | DESCRIPTION | DATE |
| A | 90% SUBMISSION | 2022-02-22 |
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Toronto, ON M9W 0C9, Canada
tel 416 679 1930
www.arcadis.com

PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

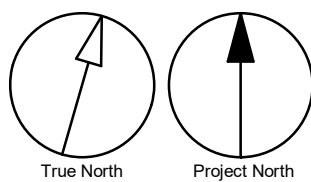
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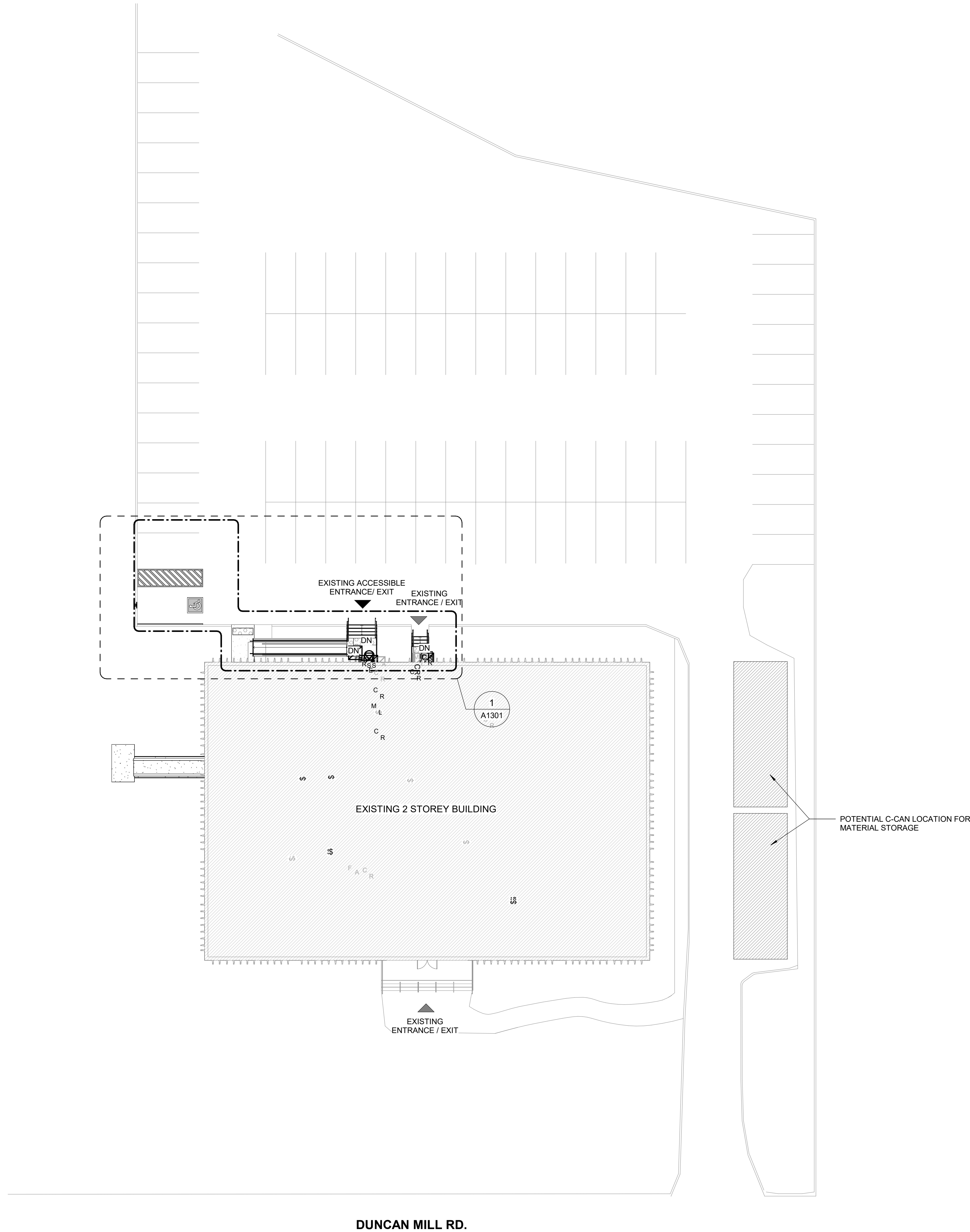
160 DUNCAN MILL RD.

PROJECT NO:
9119-19-0162 / Arcadis 30279056
DRAWN BY:
C. LEE, A. KVASNIUK
CHECKED BY:
K. TILAHUN
PROJECT MGR:
F. BOLOURIAN
APPROVED BY:
E. FENUTA

SHEET TITLE
DEMOLITION SITE PLAN

SHEET NUMBER
G05-083-A1001
ISSUE
C



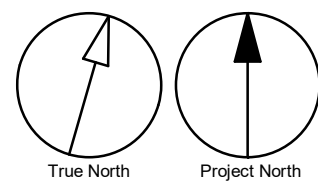


SITE LEGEND

- 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

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www.arcadis.com

PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

160 DUNCAN MILL RD.

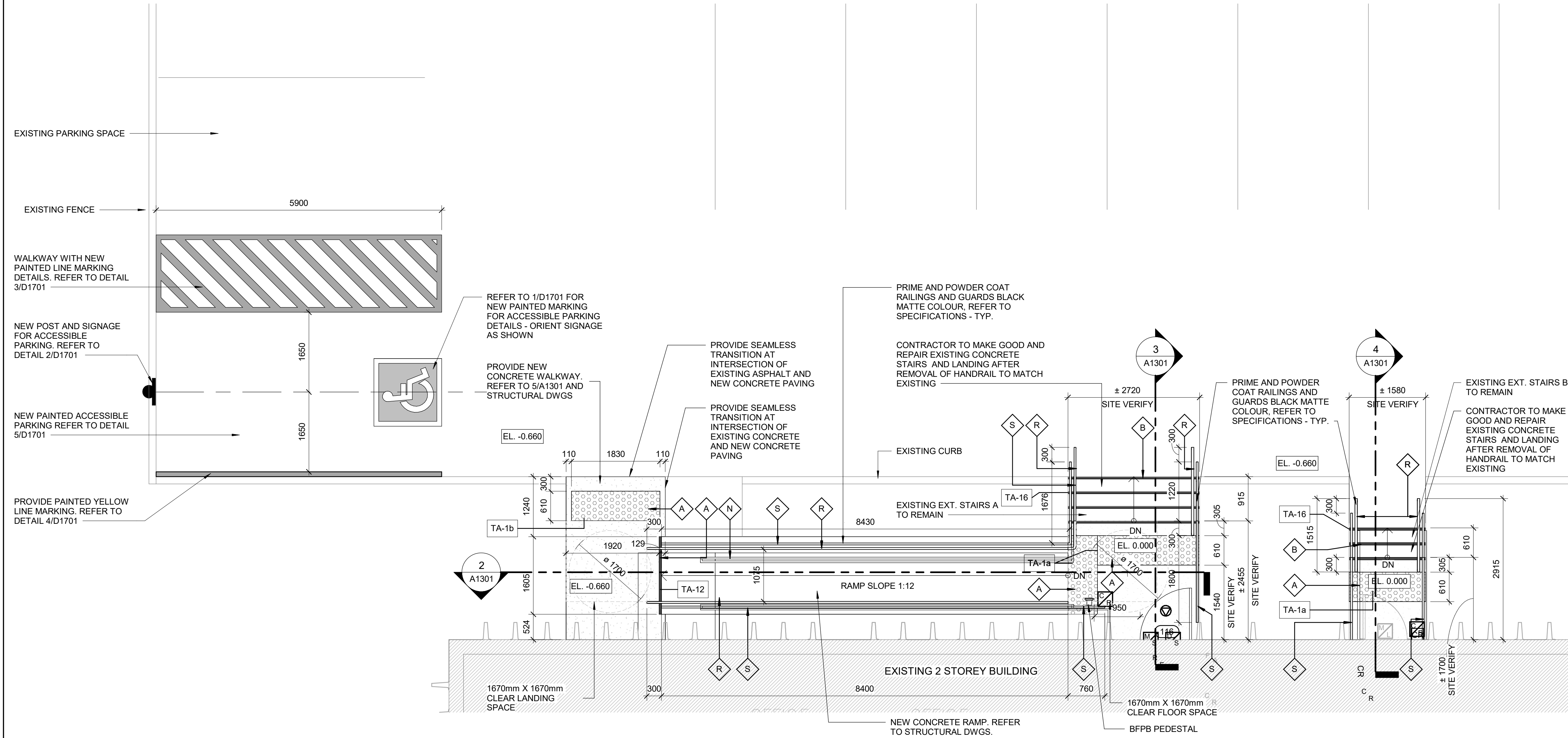
PROJECT NO:
9119-19-0162 / Arcadis 30279056

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| DRAWN BY: C. LEE | CHECKED BY: K. TILAHUN |
| PROJECT MGR: F. BOLOURIAN | APPROVED BY: E. FENUTA |

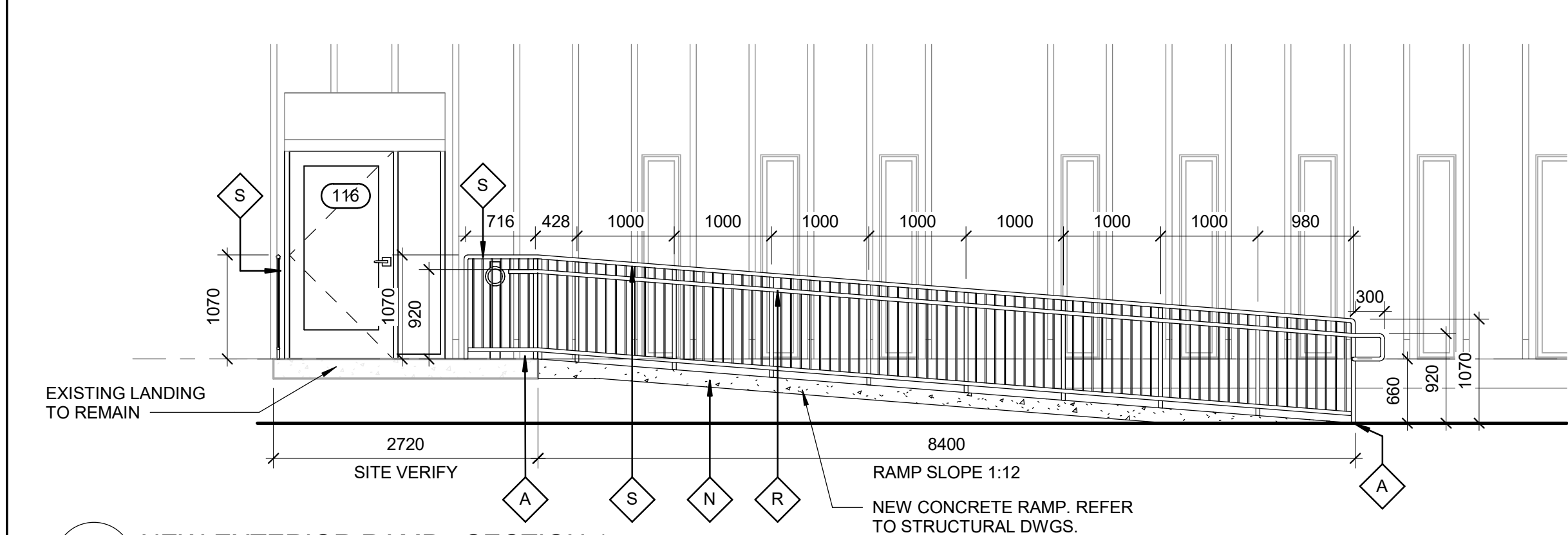
SHEET TITLE
SITE PLAN

| | |
|--------------------------------------|-------------------|
| SHEET NUMBER G05-083-A1201 | ISSUE D |
|--------------------------------------|-------------------|

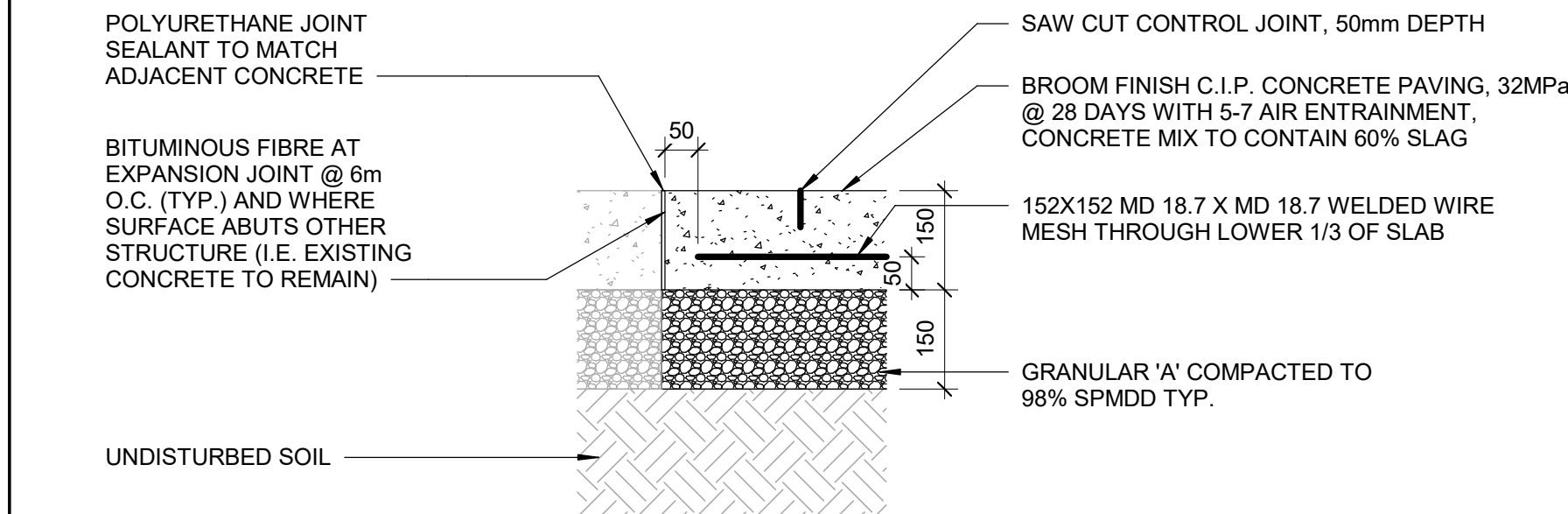
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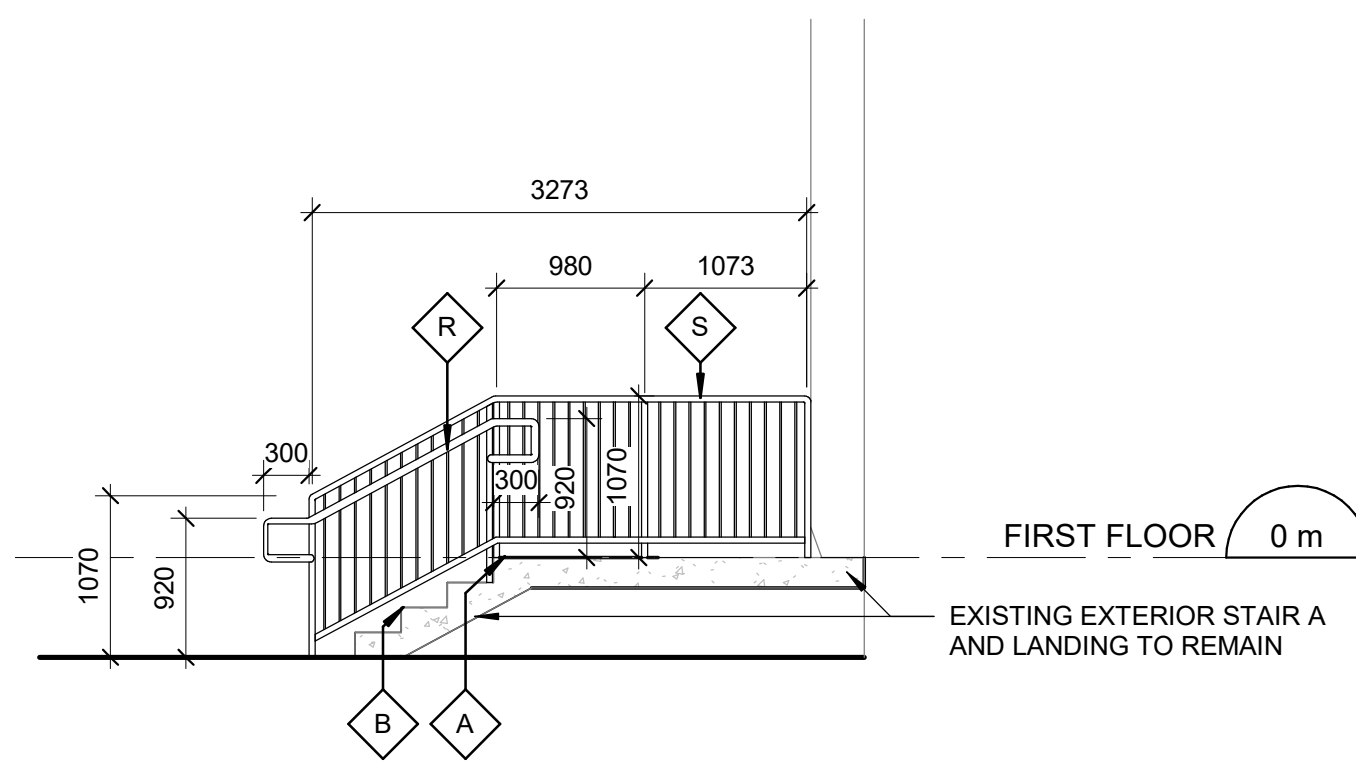
1 ENLARGED SITE PLAN - NORTH ENTRANCE & EXTERIOR STAIR
A1301 Scale: 1 : 50



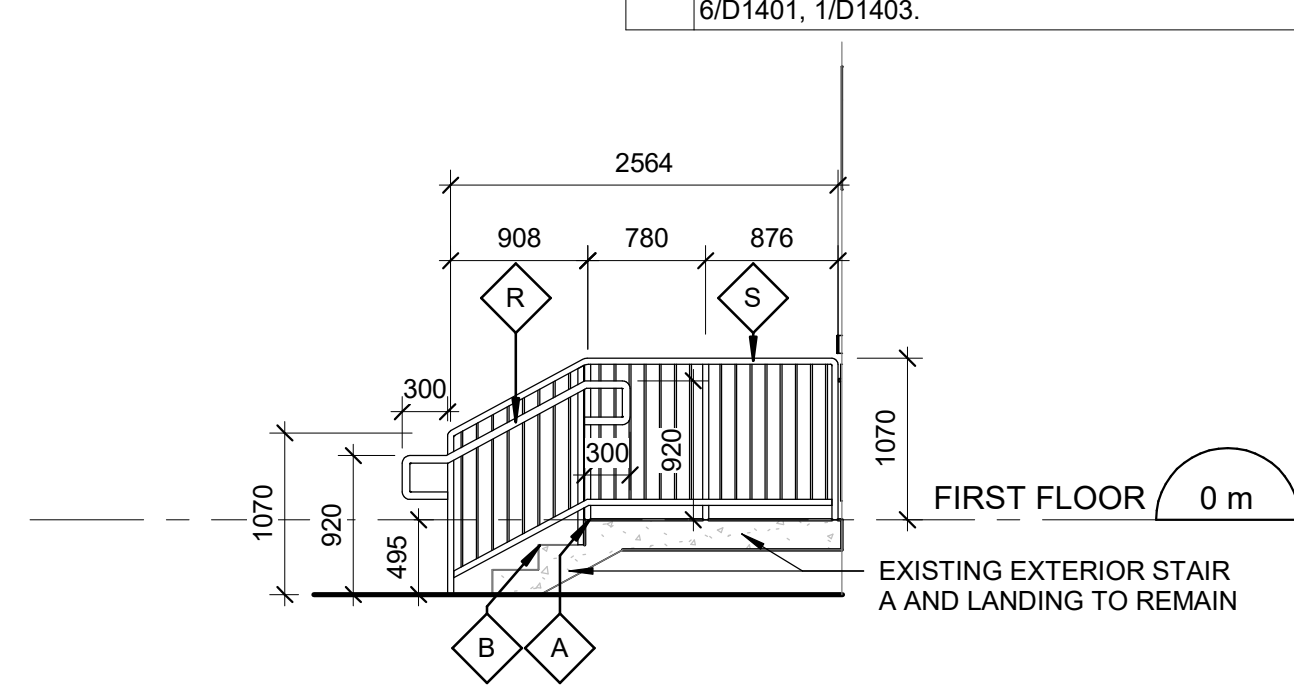
2 NEW EXTERIOR RAMP - SECTION 1
A1301 Scale: 1 : 50



5 WALKWAY SECTION DETAIL
A1301 Scale: 1 : 10



3 EXTERIOR STAIR A - SECTION 1
A1301 Scale: 1 : 50



4 EXTERIOR STAIR B - SECTION 1
A1301 Scale: 1 : 50

SITE LEGEND



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



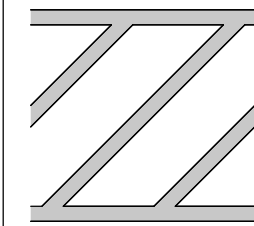
ACCESSIBLE PARKING SIGN ON POST - REFER TO DETAIL 2/D1702



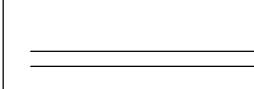
EXISTING MAIN ENTRANCE



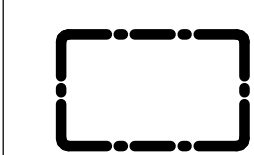
EXISTING EXIT TO REMAIN



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

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- VERIFY ALL UNDERGROUND BURIED UTILITIES PRIOR TO DIGGING AND REPORT ANY CONFLICTS TO THE CONSULTANT.

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. |
| N | INSTALL NEW CONCRETE RAMP - REFER TO TYPICAL DETAIL 2/D1403, 3/D1403, 1/D1404, AND 2/D1404. |
| R | INSTALL NEW HANDRAIL - REFER TO DETAILS 1/D1401, 3/D1401, 2/1403, 3/1403, 4/D1402. |
| S | INSTALL NEW GUARDRAIL - REFER TO DETAILS 5/D1401, 6/D1401, 1/D1403. |

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PROJECT TITLE

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PROJECT ADDRESS

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PROJECT NO:

9119-19-0162 / Arcadis 30279056

DRAWN BY:

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F. BOLOURIAN

APPROVED BY:

E. FENUTA

SHEET TITLE

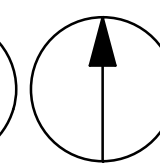
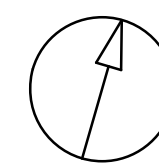
ENLARGED SITE PLAN

SHEET NUMBER

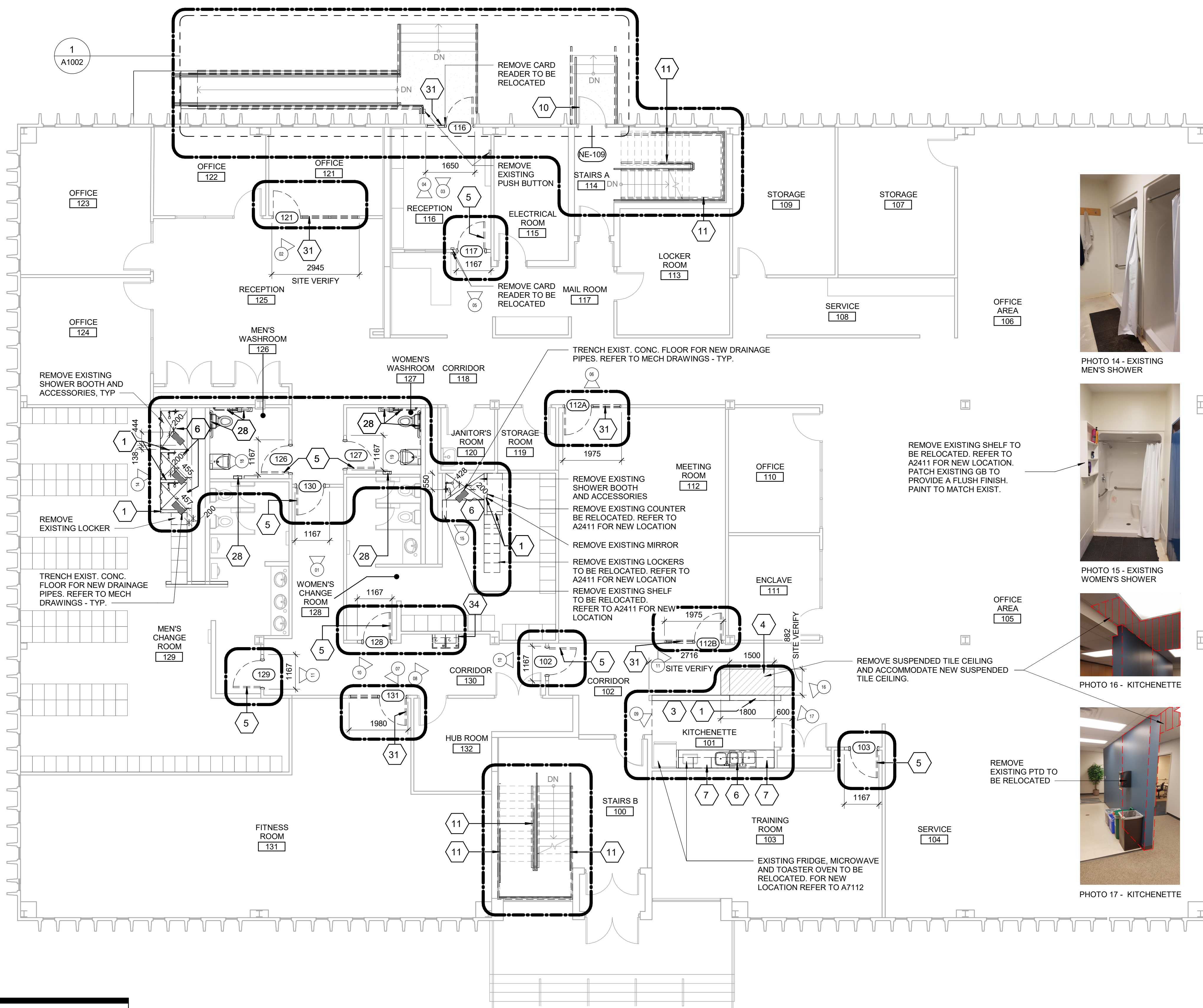
G05-083-A1301

ISSUE







D



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DEMOLITION KEY LEGEND

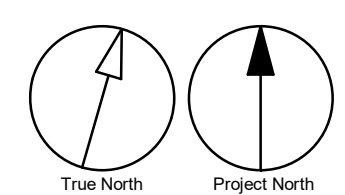
-
-  EXISTING TO BE DEMOLISHED
 EXISTING INTERIOR PARTITION TO BE DEMOLISHED
 EXISTING WALL TO REMAIN
 EXISTING DOOR, FRAME, AND ASSOCIATED HARDWARE TO BE REMOVED
 EXISTING DOOR TO REMAIN
 DASHED AREA INDICATES AREA OF WORK

DEMOLITION GENERAL NOTES

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

DEMOLITION KEY NOTES

| NO | DESCRIPTION |
|----|--|
| 1 | REMOVE EXISTING WALL AND/OR COLUMN ENCLOSURE INCLUDING BUT NOT LIMITED TO TILE, CORNER GUARDS, METAL PANELS, WALL MOUNTED FIXTURES AND FINISHES AS INDICATED. PROVIDE SMOOTH TRANSITION BETWEEN SURFACES AT LOCATION OF DEMOLISHED AREA. |
| 3 | REMOVE EXISTING FLOORING AND BASE. REMOVE EXISTING TILE FLOORING TO CLOSEST FULL TILE OR TO EXTENT SHOWN. REPAIR, LEVEL AND CLEAN SURFACE READY TO RECEIVE NEW FLOOR FINISHES. REFER TO FINISH SCHEDULE. |
| 4 | REMOVE EXISTING CEILING TO THE EXTENT OF THE PROPOSED ROOM SIZE. |
| 5 | REMOVE EXISTING DOOR AND FRAME. CUT PARTITION TO ACCOMMODATE NEW DOOR AND FRAME. REPAIR ADJACENT AFFECTED WALL SURFACES. REFER TO DETAIL D1002 AND I1D2300. |
| 6 | REMOVE EXISTING PLUMBING FIXTURES AND WASHROOM ACCESSORIES, CAP PLUMBING PIPES. |
| 7 | REMOVE EXISTING MILLWORK. |
| 10 | REMOVE EXISTING DOOR HARDWARE AS INDICATED IN DOOR SCHEDULE A9001 AND HARDWARE SCHEDULE WITHIN SPECIFICATIONS. |
| 11 | REMOVE EXISTING GUARDRAIL, HANDRAIL AND/OR HANDRAIL POST BASE. REPAIR AND MAKE GOOD ALL SURFACES. |
| 28 | REMOVE EXISTING WASHROOM ACCESSORIES AND PREPARE WALL SURFACE FOR NEW ACCESSORIES. PATCH, REPAIR AND MAKE GOOD EXISTING WALL AND WALL FINISHES. |
| 31 | REMOVE EXISTING DOOR, WINDOW AND FRAME TO ACCOMMODATE NEW. |
| 34 | REMOVE EXISTING DRINKING FOUNTAIN TO ACCOMMODATE NEW WATER FOUNTAIN. |



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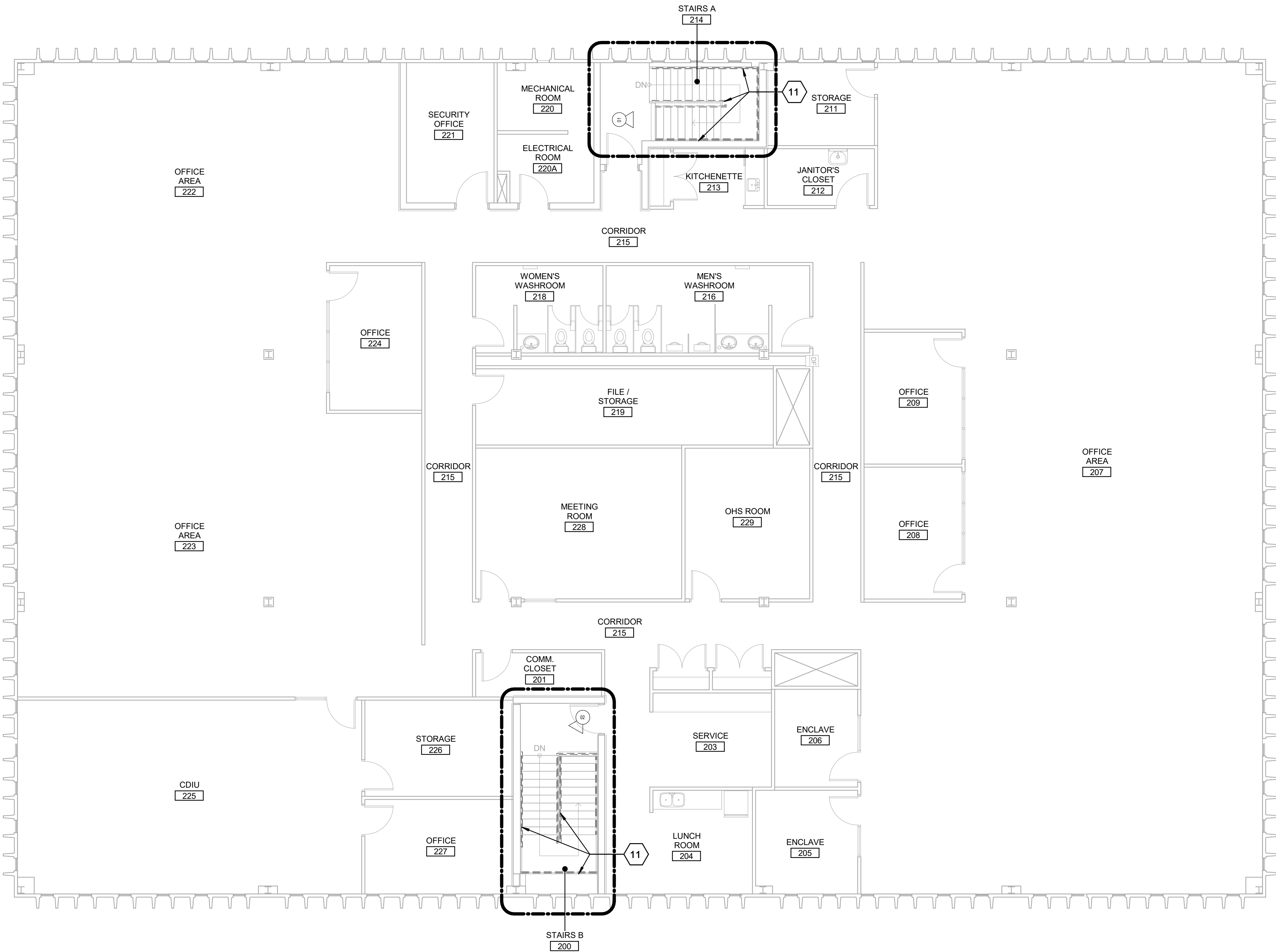
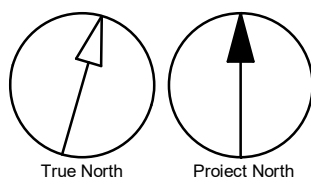
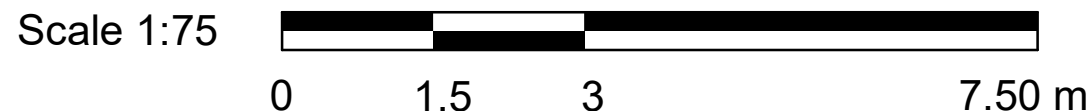
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160 DUNCAN MILL RD.

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| PROJECT NO: 9119-19-0162 / Arcadis 30279056 | |
| DRAWN BY: C. LEE | CHECKED BY: K. TILAHUN |
| PROJECT MGR: F. BOLOURIAN | APPROVED BY: E. FENUTA |

| | |
|--------------------------------|--|
| SHEET TITLE | |
| FIRST FLOOR DEMOLITION PLAN | |

| | |
|---------------|-------|
| SHEET NUMBER | ISSUE |
| G05-083-A2001 | D |



DEMOLITION KEY LEGEND

- EXISTING TO BE DEMOLISHED
- - - - - EXISTING INTERIOR PARTITION TO BE DEMOLISHED
- ===== EXISTING WALL 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 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 |
|----|---|
| 11 | REMOVE EXISTING GUARDRAIL, HANDRAIL AND/OR HANDRAIL POST BASE. REPAIR AND MAKE GOOD ALL SURFACES. |



PHOTO 01 - STAIR A

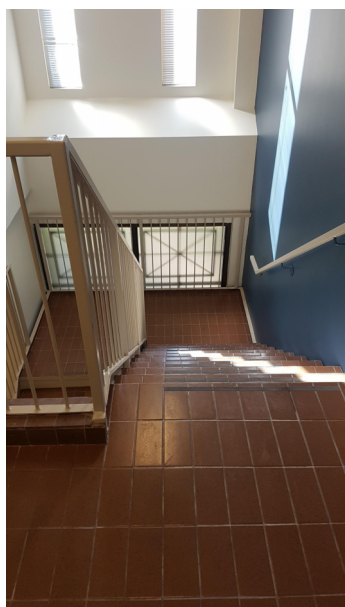


PHOTO 02 - STAIR B

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160 DUNCAN MILL RD.

PROJECT NO:
9119-19-0162 / Arcadis 30279056

DRAWN BY:
C. LEE

CHECKED BY:
K. TILAHUN

PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
E. FENUTA

SHEET TITLE
**SECOND FLOOR
DEMOLITION PLAN**

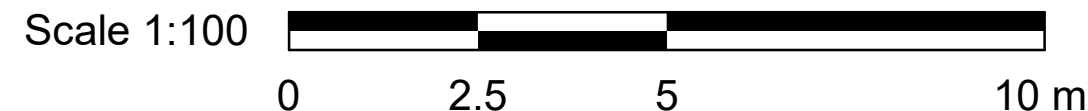
SHEET NUMBER

G05-083-A2002

ISSUE

D

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CONSTRUCTION STAGING LEGEND

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

STAGING GENERAL NOTES

- EXISTING FACILITY WILL REMAIN OPERATIONAL DURING CONSTRUCTION. CONSTRUCTION WORKS CANNOT IMPACT FACILITY OPERATION WITHOUT FIRST NOTIFYING AND CONSULTING WITH THE OWNER.
- ALL STAGES ARE TO BE COMPLETED IN SEQUENTIAL ORDER.
- IF AN EXISTING EXIT WILL BE BLOCKED DUE TO CONSTRUCTION THE GC IS TO PROVIDE A TEMPORARY EXIT BASED ON THE ARCHITECTS APPROVED DESIGN AND LOCATION. SHOULD THE WORK BE ABLE TO BE COMPLETED OVER THE COURSE OF A WEEKEND OR AFTER HOURS THE GC IS TO OBTAIN APP.GC IS TO REVIEW THE PROPOSED ALTERNATE EXIT ARRANGEMENTS WITH THE FIRE DEPARTMENT AND OBTAIN THEIR APPROVAL BEFORE PROCEEDING WITH ANY WORK THAT MAY BLOCK OR IMPEDE AN EXIT.
- 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.
- 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 WORKS.
- 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:

PROVIDE SHOWER TRAILER DURING STAGE 1 FOR SHOWERS - MINIMUM 1 SHOWER FOR FEMALES & MINIMUM 2 FOR MALES

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PROJECT MGR:
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APPROVED BY:
E. FENUITA

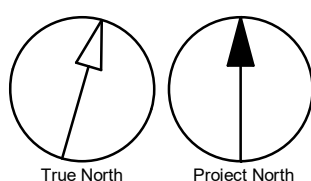
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FIRST FLOOR STAGING
PLAN

SHEET NUMBER

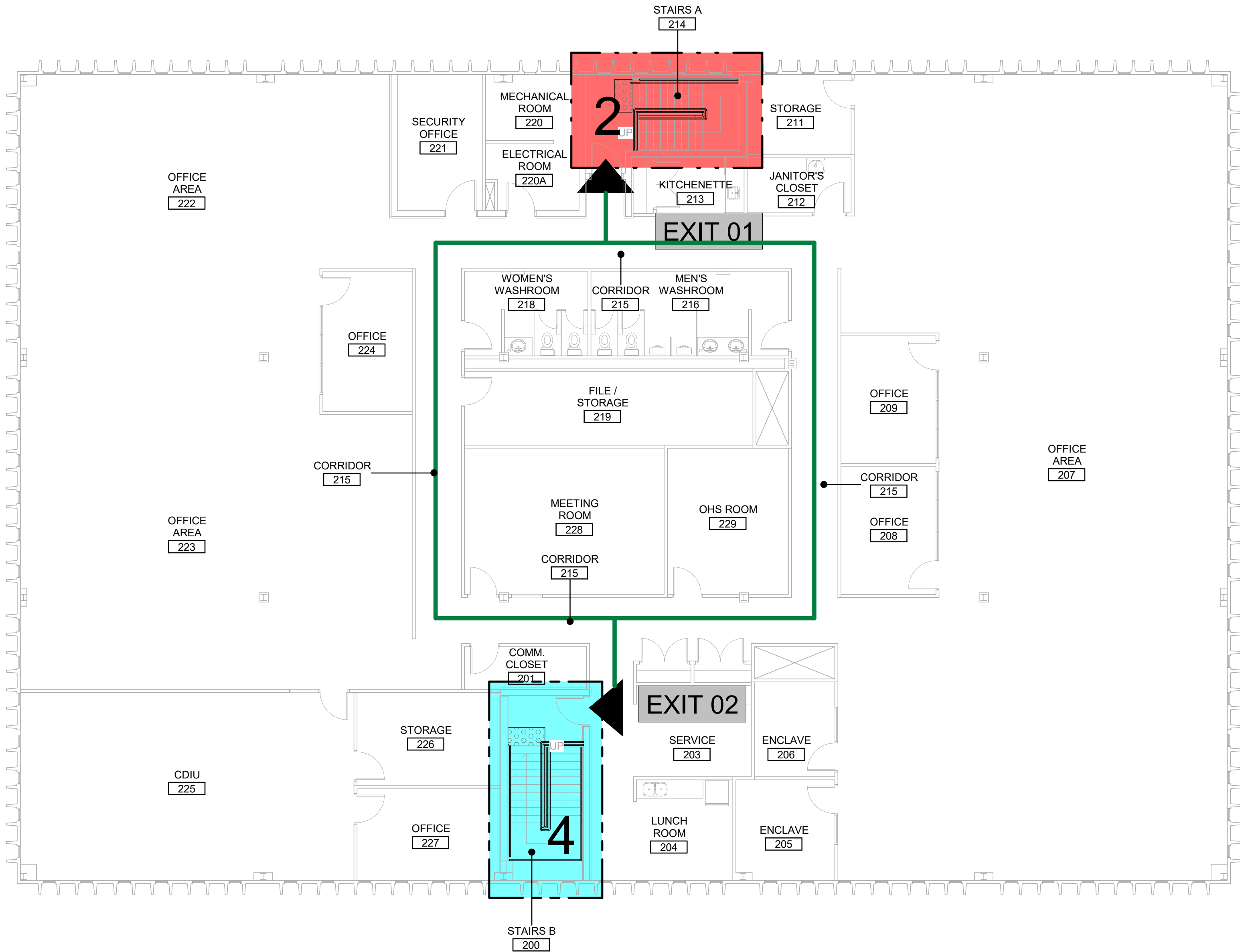
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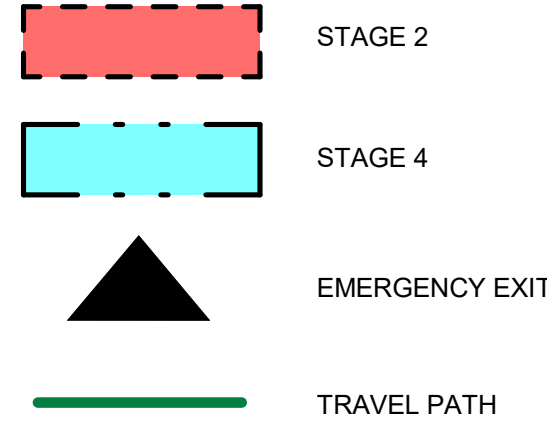
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CONSTRUCTION STAGING LEGEND



STAGING GENERAL NOTES

- 1 EXISTING FACILITY WILL REMAIN OPERATIONAL DURING CONSTRUCTION. CONSTRUCTION WORKS CANNOT IMPACT FACILITY OPERATION WITHOUT FIRST NOTIFYING AND CONSULTING WITH THE OWNER.
- 2 ALL STAGES ARE TO BE COMPLETED IN SEQUENTIAL ORDER.
- 3 IF AN EXISTING EXIT WILL BE BLOCKED DUE TO CONSTRUCTION THE GC IS TO PROVIDE A TEMPORARY EXIT BASED ON THE ARCHITECTS APPROVED DESIGN AND LOCATION. SHOULD THE WORK BE ABLE TO BE COMPLETED OVER THE COURSE OF A WEEKEND OR AFTER HOURS THE GC IS TO OBTAIN APP.GC IS TO REVIEW THE PROPOSED ALTERNATE EXIT ARRANGEMENTS WITH THE FIRE DEPARTMENT AND OBTAIN THEIR APPROVAL BEFORE PROCEEDING WITH ANY WORK THAT MAY BLOCK OR IMPEDE AN EXIT.
- 4 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.
- 5 CONTRACTOR SHALL ALLOW FOR THE FOLLOWING:
A) TEMPORARY SIGNAGE
B) TEMPORARY ACCESS WITH ACCESSIBLE RAMPS AS REQUIRED BY ONTARIO REGULATION 191/11 80.13
- 6 ALL STAGING INCLUDES BOTH DEMOLITION AND NEW SCOPE OF WORKS.
- 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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CHECKED BY:
K. TILAHUN

PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
E. FENUTA

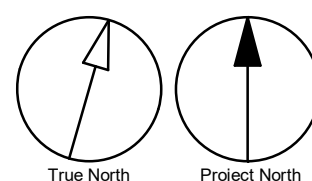
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**SECOND FLOOR
STAGING PLAN**

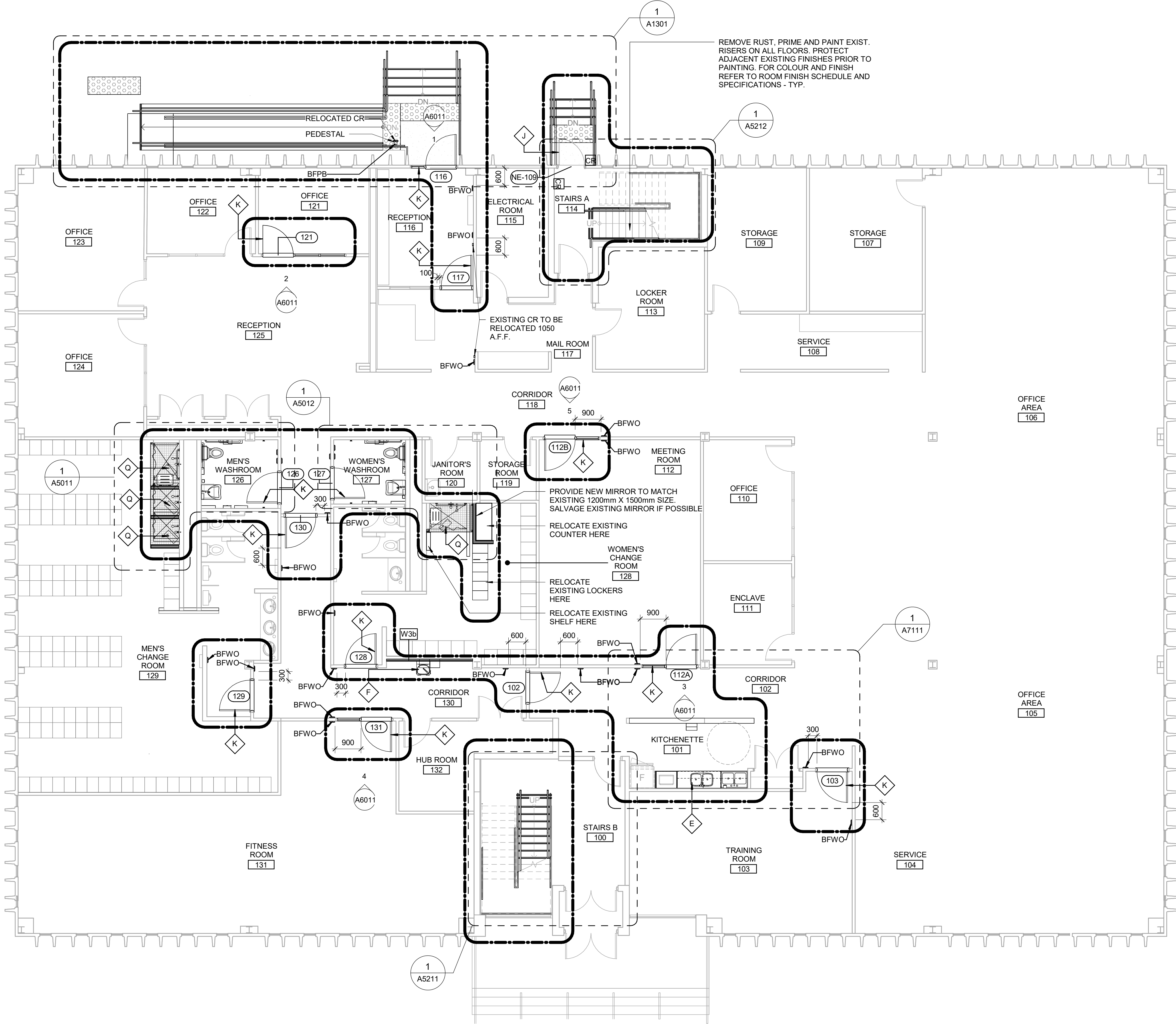
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G05-083-A2102

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CONSTRUCTION KEY LEGEND

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

CONSTRUCTION GENERAL NOTES

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

CONSTRUCTION KEY NOTES

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

NOTE:
PROVIDE NEW PAINT ON BOTH SIDES OF THE WALL WHEN, AFFECTED BY CONSTRUCTION, TO MATCH THE EXISTING FINISHES AND COLOURS UNLESS OTHERWISE, SPECIFIED IN THE DRAWINGS OR IN ROOM FINISH SCHEDULE.

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PROJECT MGR:
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APPROVED BY:
E. FENUITA

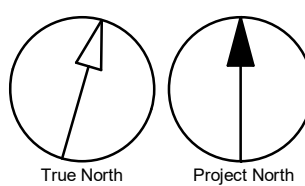
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**FIRST FLOOR
PROPOSED PLAN**

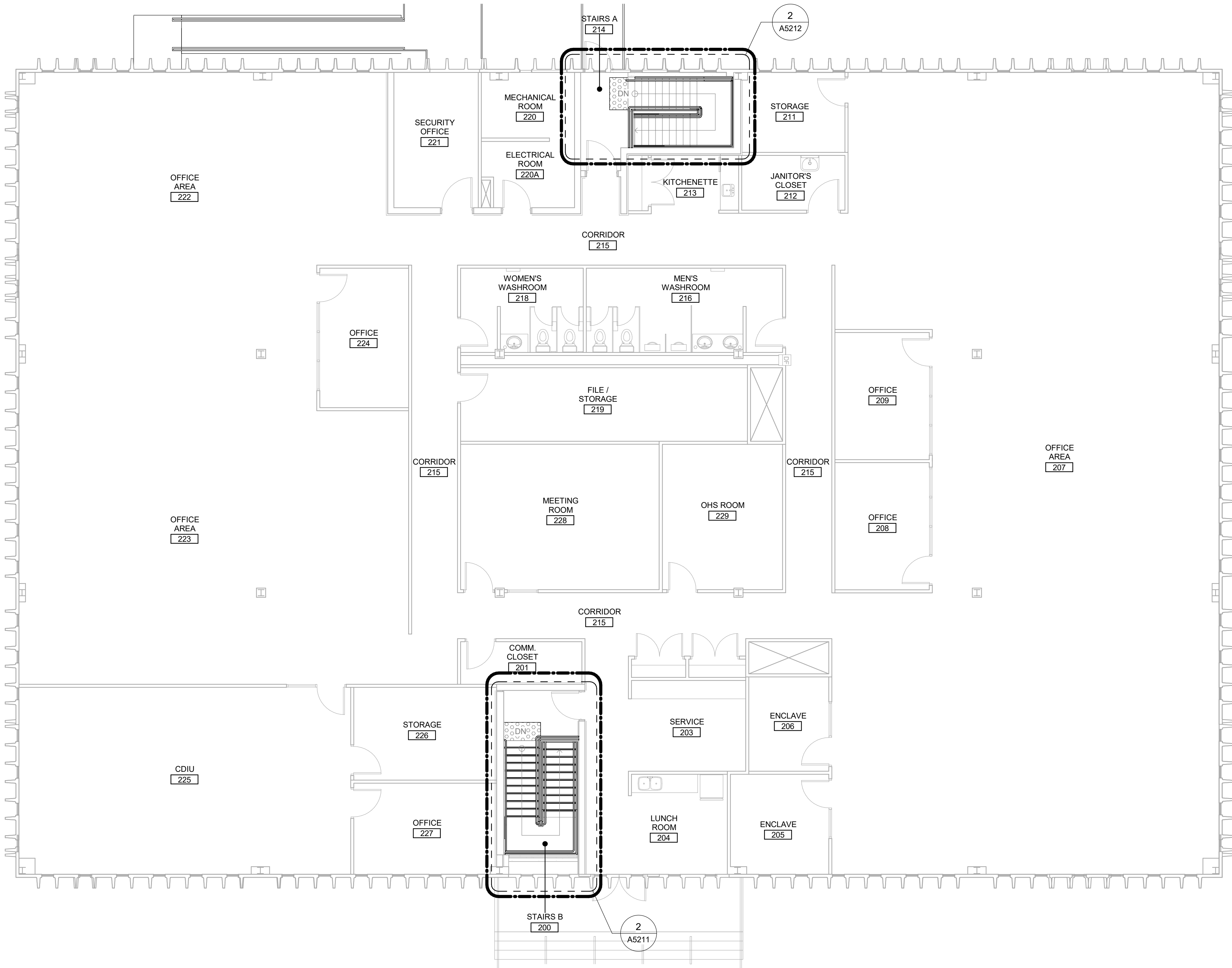
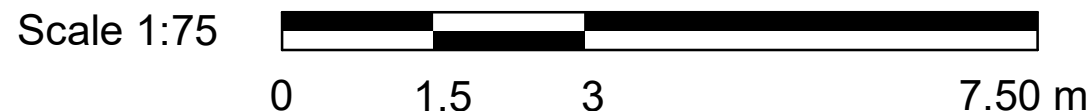
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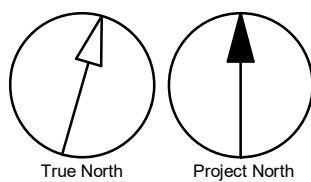
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- EXISTING WALL TO REMAIN
- NEW EXTERIOR WALL
REFER TO WALL SCHEDULE
- NEW PARTITION
REFER TO PARTITION SCHEDULE
- EXISTING DOOR TO REMAIN
- NEW DOOR AND/ OR
NEW HARDWARE
- DASHED AREA INDICATES
AREA OF WORK

CONSTRUCTION GENERAL NOTES

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

NOTE:
• PROVIDE NEW PAINT ON BOTH SIDES OF THE WALL WHEN, AFFECTED BY CONSTRUCTION, TO MATCH THE EXISTING FINISHES AND COLOURS UNLESS OTHERWISE SPECIFIED IN THE DRAWINGS OR IN ROOM FINISH SCHEDULE.



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PROJECT MGR:
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APPROVED BY:
E. FENUTA

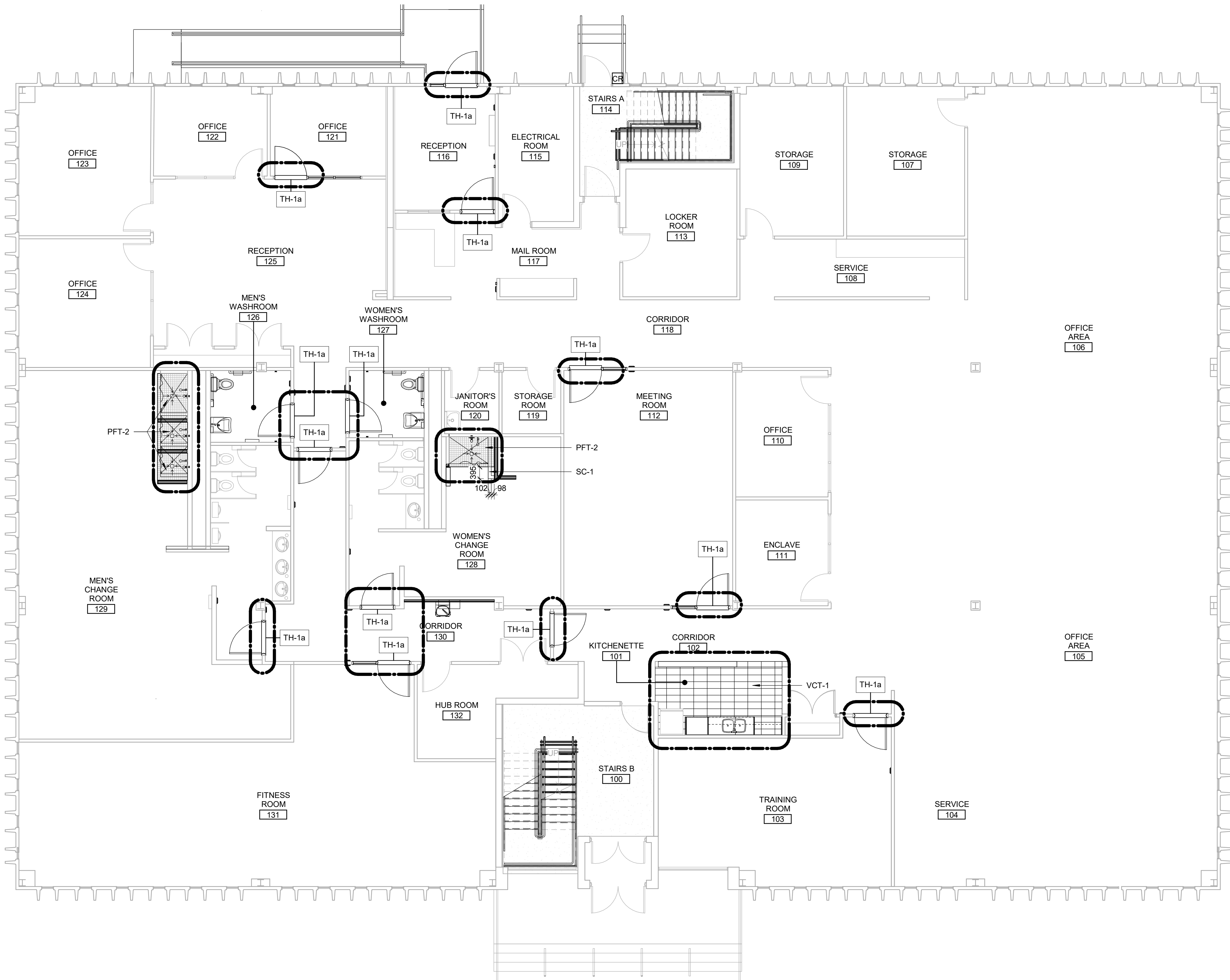
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**SECOND FLOOR
PROPOSED PLAN**

SHEET NUMBER
G05-083-A2421

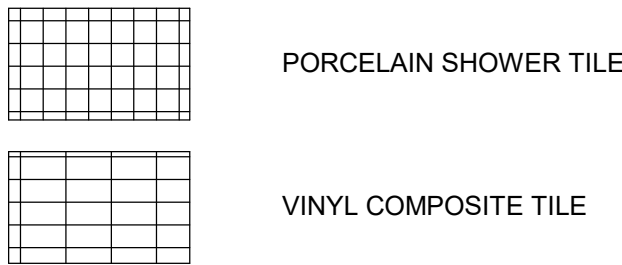
ISSUE
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Scale 1:75

0 1.5 3 7.50 m



FLOOR FINISHES LEGEND



FLOOR FINISH GENERAL NOTES

- 1 FLOOR FINISH PLANS TO BE READ IN CONJUNCTION WITH ROOM FINISH SCHEDULE AND SPECIFICATIONS.
- 2 PROTECT ALL NEW AND EXISTING FLOOR FINISHES WITH PLYWOOD SHEETS ANYWHERE OTHER CONSTRUCTION WORK IS STILL ONGOING.
- 3 CHANGE OF FLOORING MATERIAL TO OCCUR BELOW THE DOOR LEAF UNLESS OTHERWISE INDICATED.
- 4 WHERE A CHANGE OF MATERIAL THICKNESS OCCURS, PROVIDE THRESHOLD AS PER DETAILS AND SPECIFICATIONS.
- 5 PROVIDE REPLACEMENT FLOOR FINISH TO MATCH EXISTING FOR ANY FLOORING DAMAGED DUE TO WORK OF THIS PROJECT.

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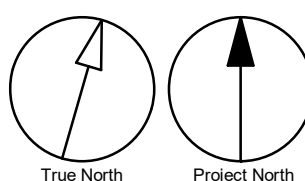
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**FIRST FLOOR FINISH
PLAN**

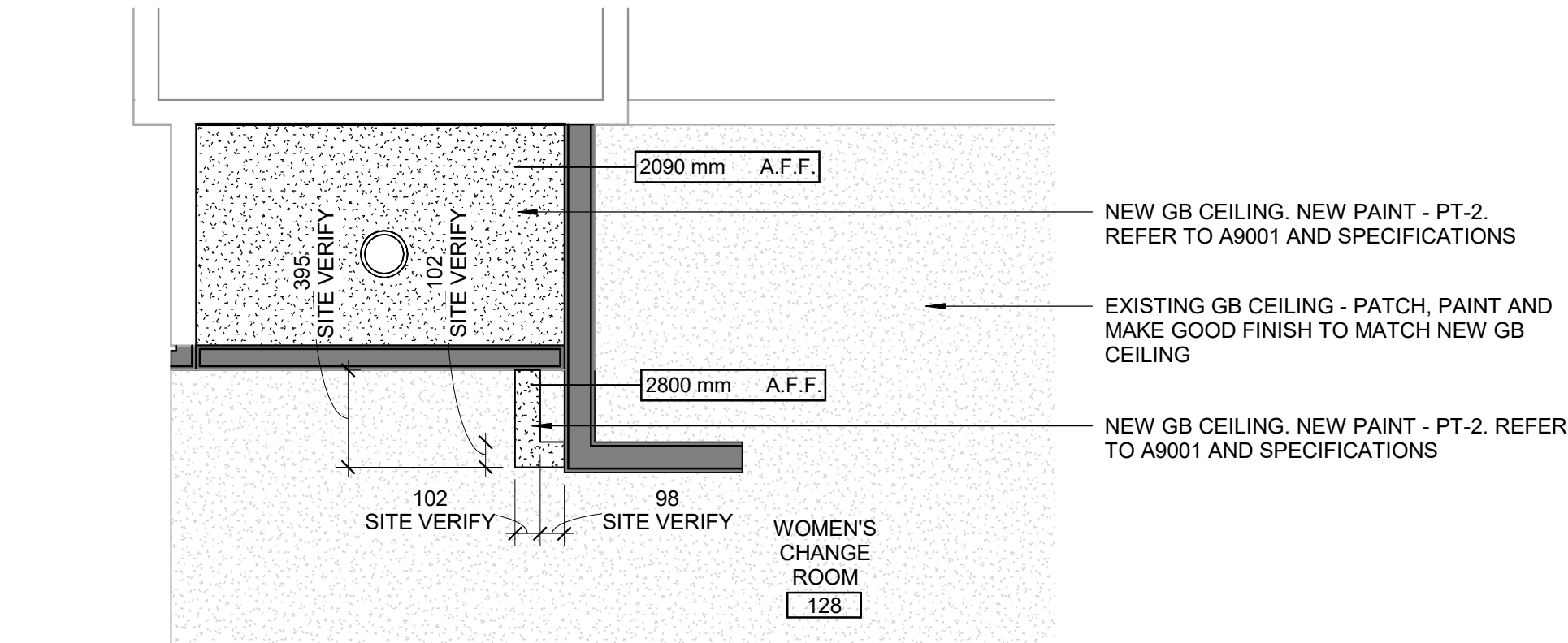
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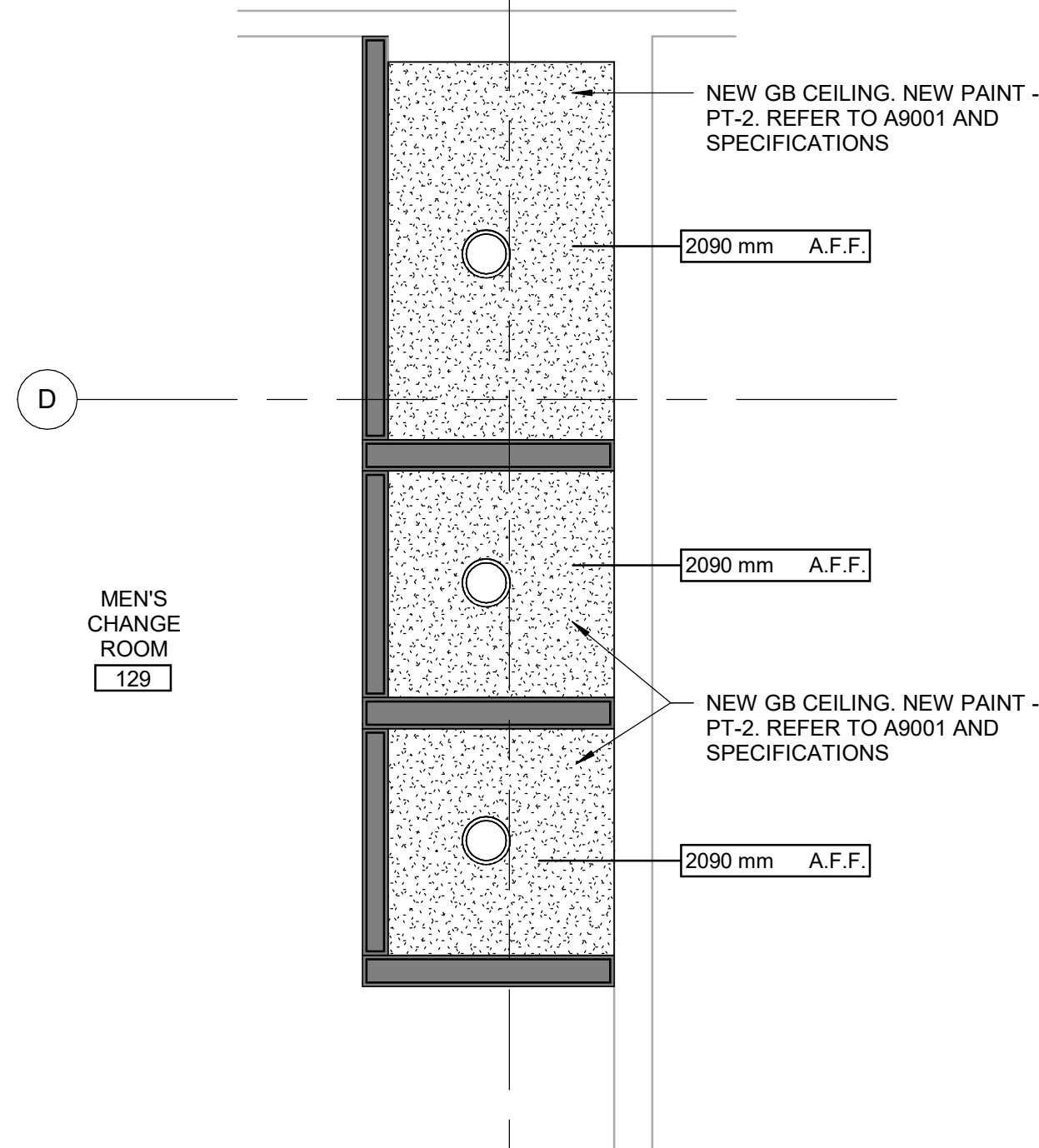
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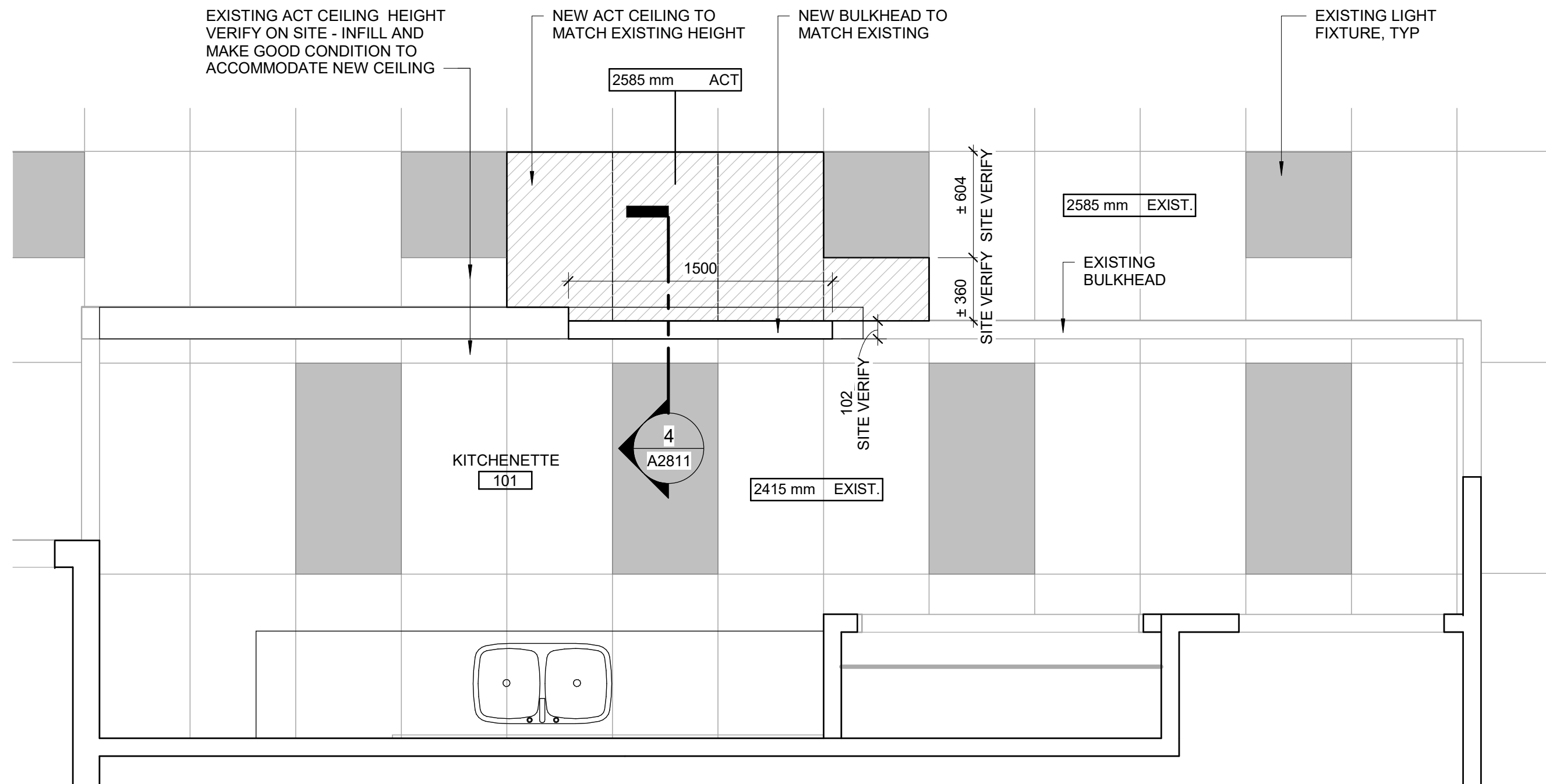




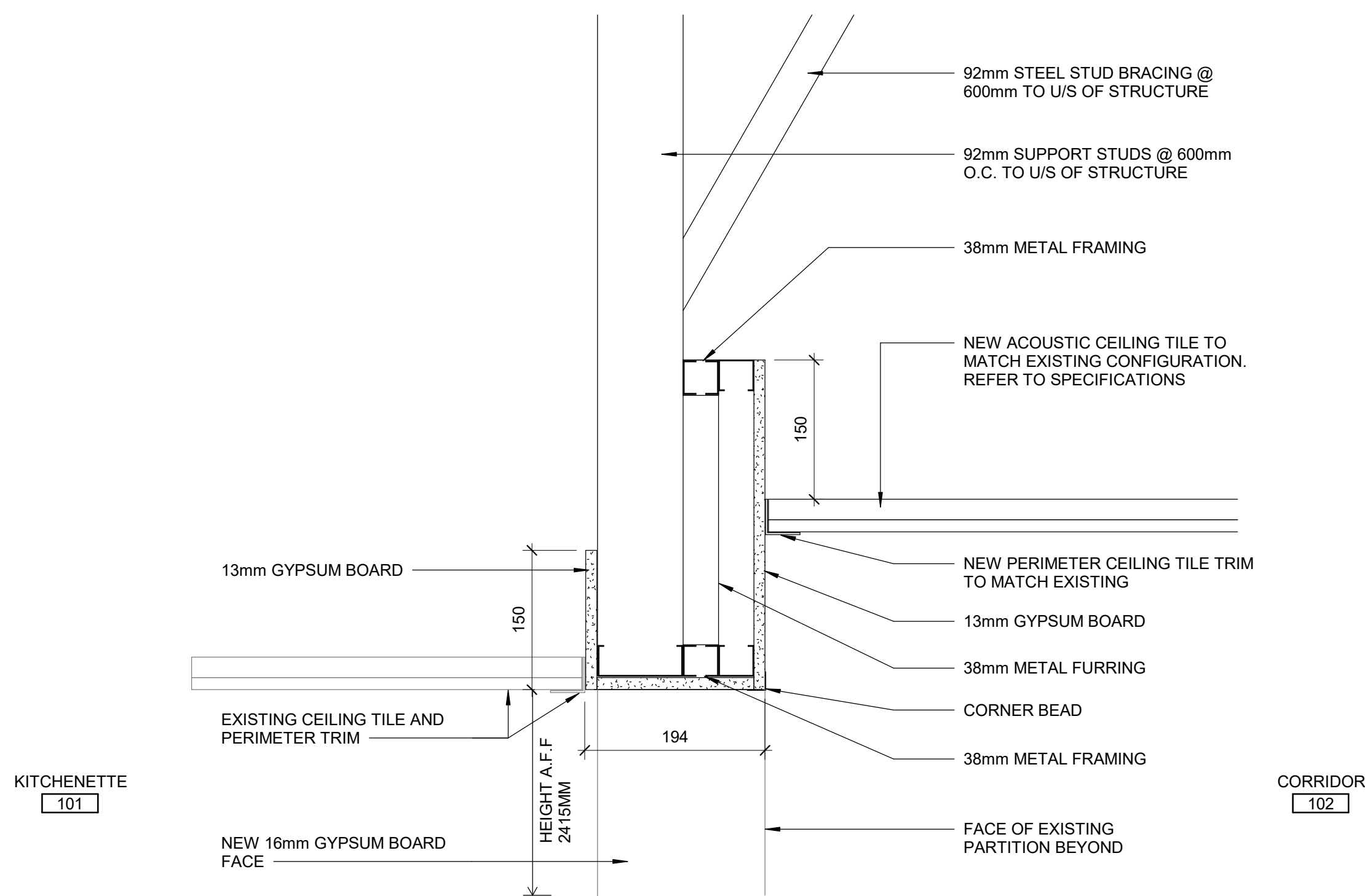
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A2811 Scale: 1 : 25



2 BF MEN'S SHOWER ROOM - RCP
A2811 Scale: 1 : 25

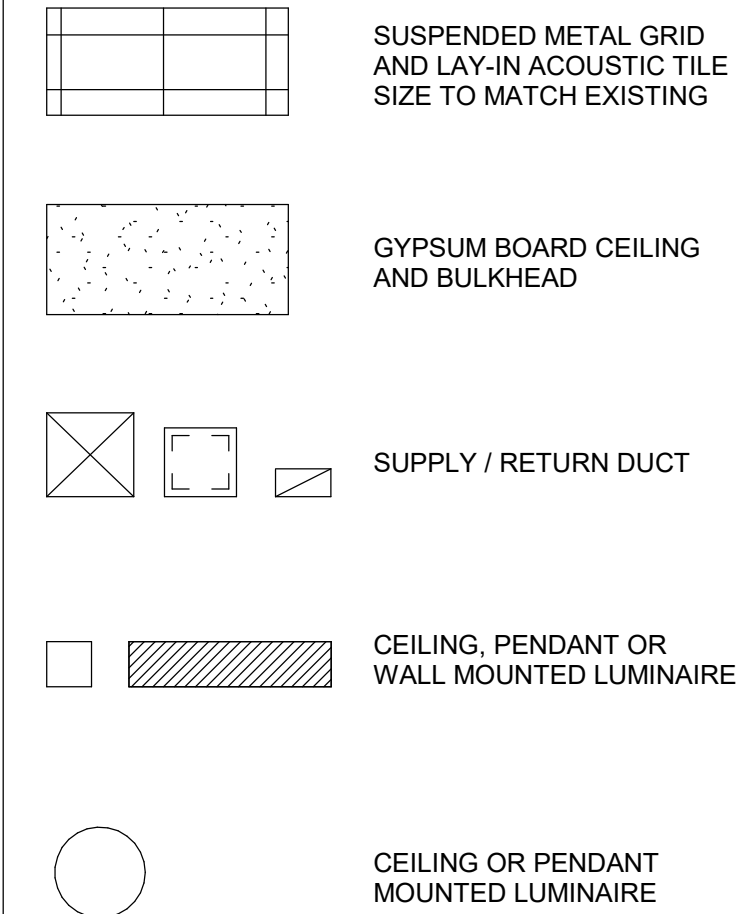


3 ENLARGED KITCHENETTE - RCP PLAN
A2811 Scale: 1 : 25



4 GYPSUM BOARD BULKHEAD DETAIL
A2811 Scale: 1 : 5

CEILING LEGEND



CEILING GENERAL NOTES

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

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CHECKED BY:
K. TILAHUN

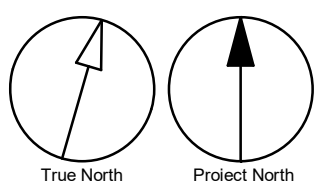
PROJECT MGR:
F. BOLOURIAN

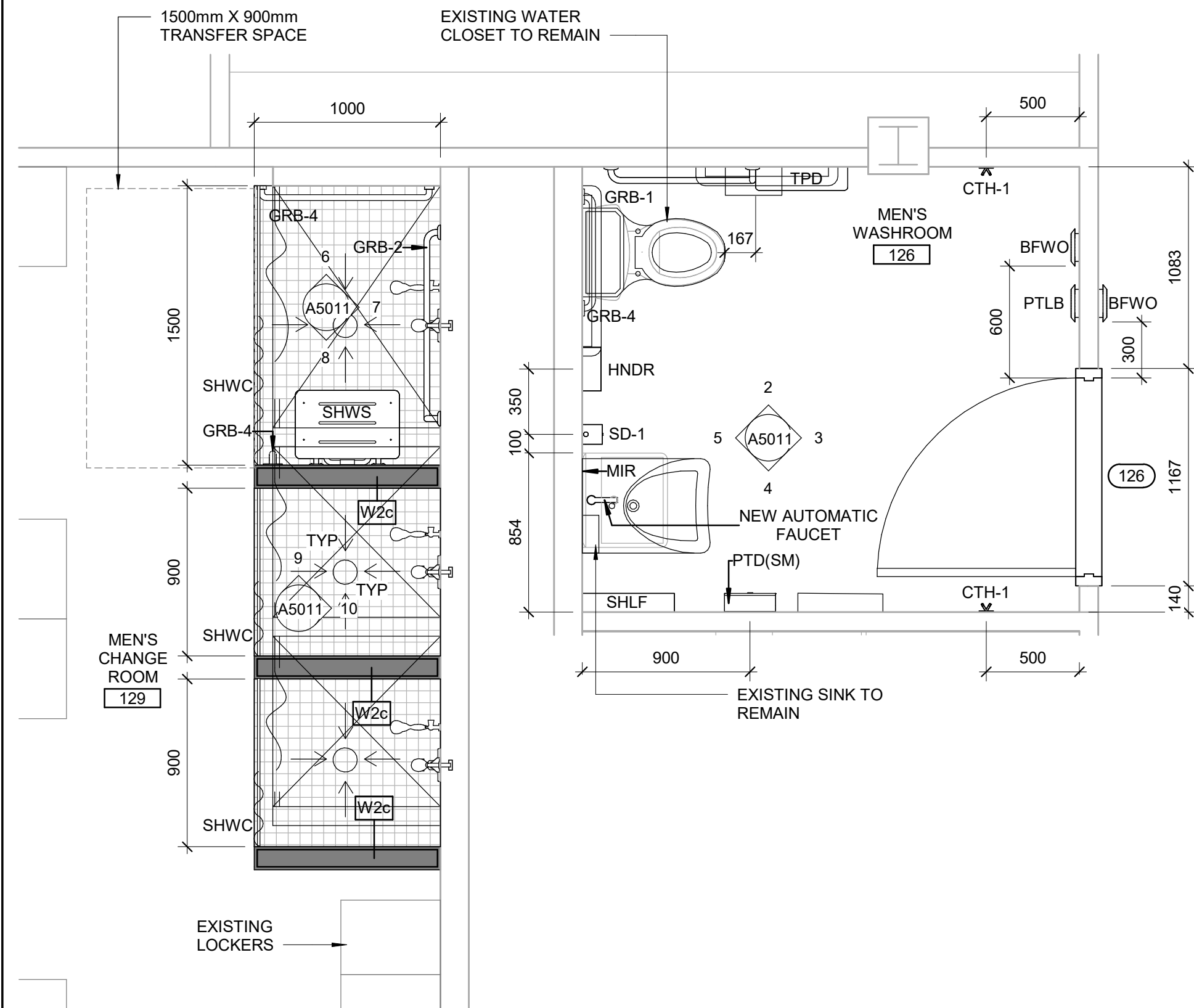
APPROVED BY:
E. FENUITA

SHEET TITLE
**FIRST FLOOR
REFLECTED CEILING
PLAN**

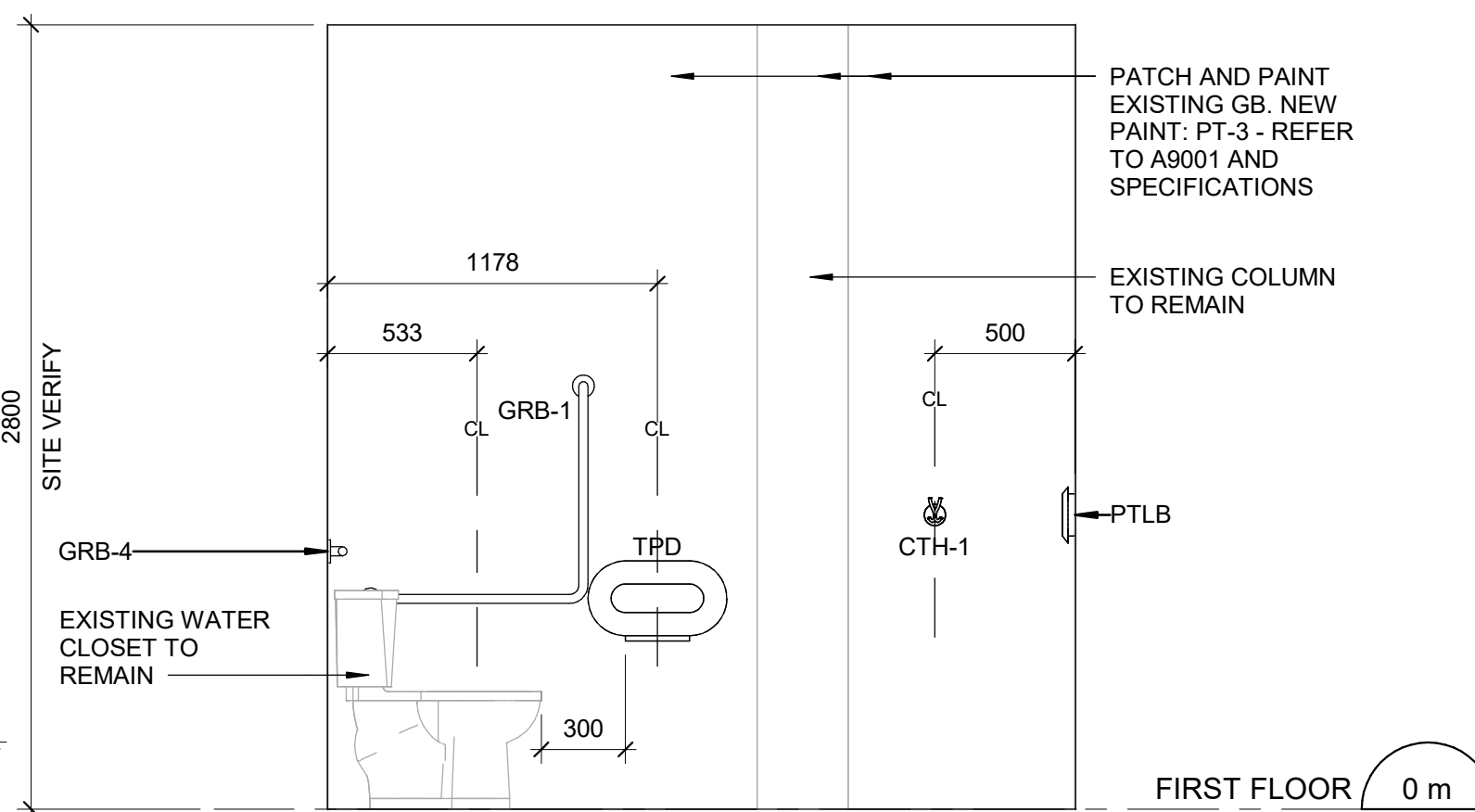
SHEET NUMBER
G05-083-A2811

ISSUE
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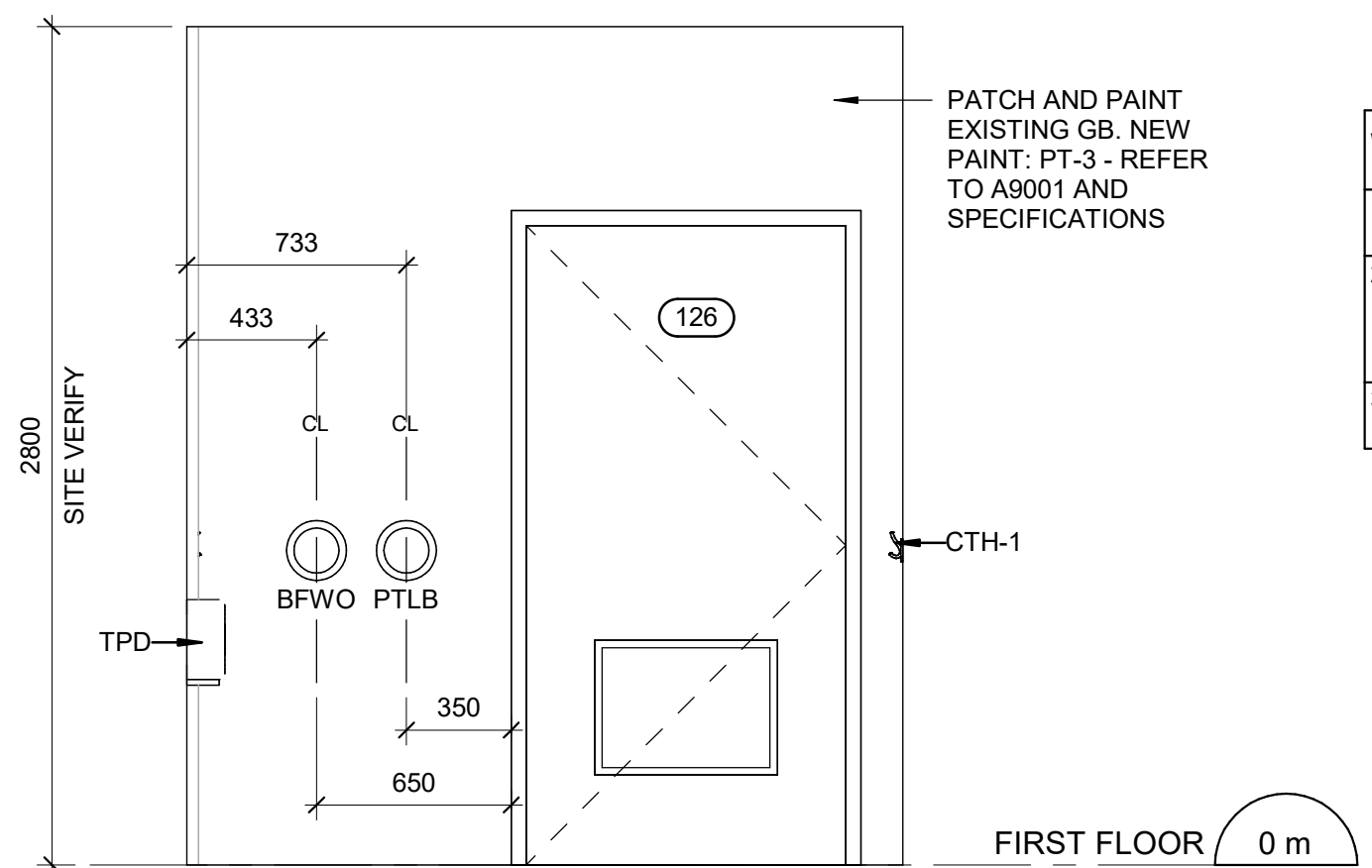




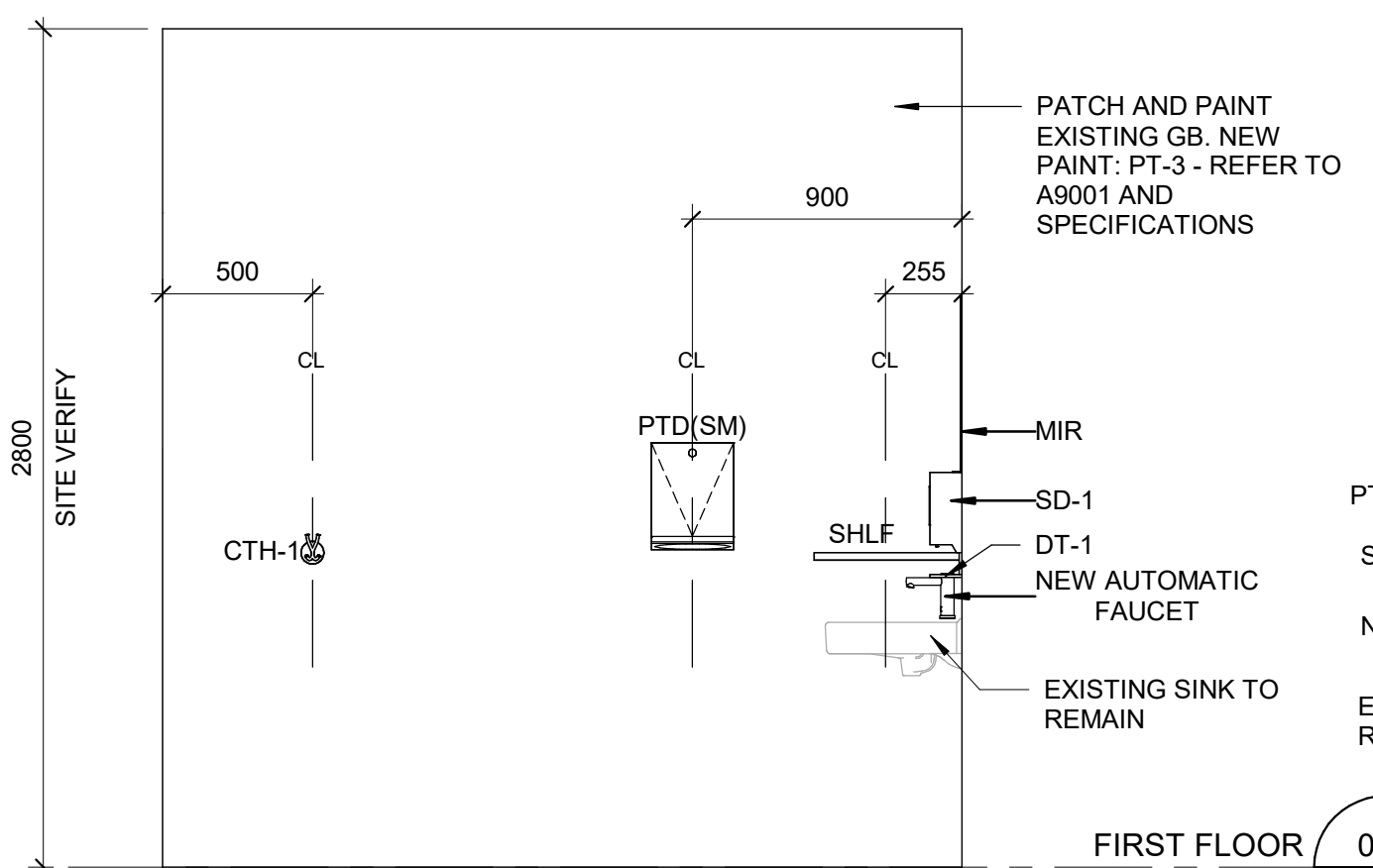
1 BF MEN'S WASHROOM & SHOWER ROOM - ENLARGED PLAN
A5011 Scale: 1 : 25



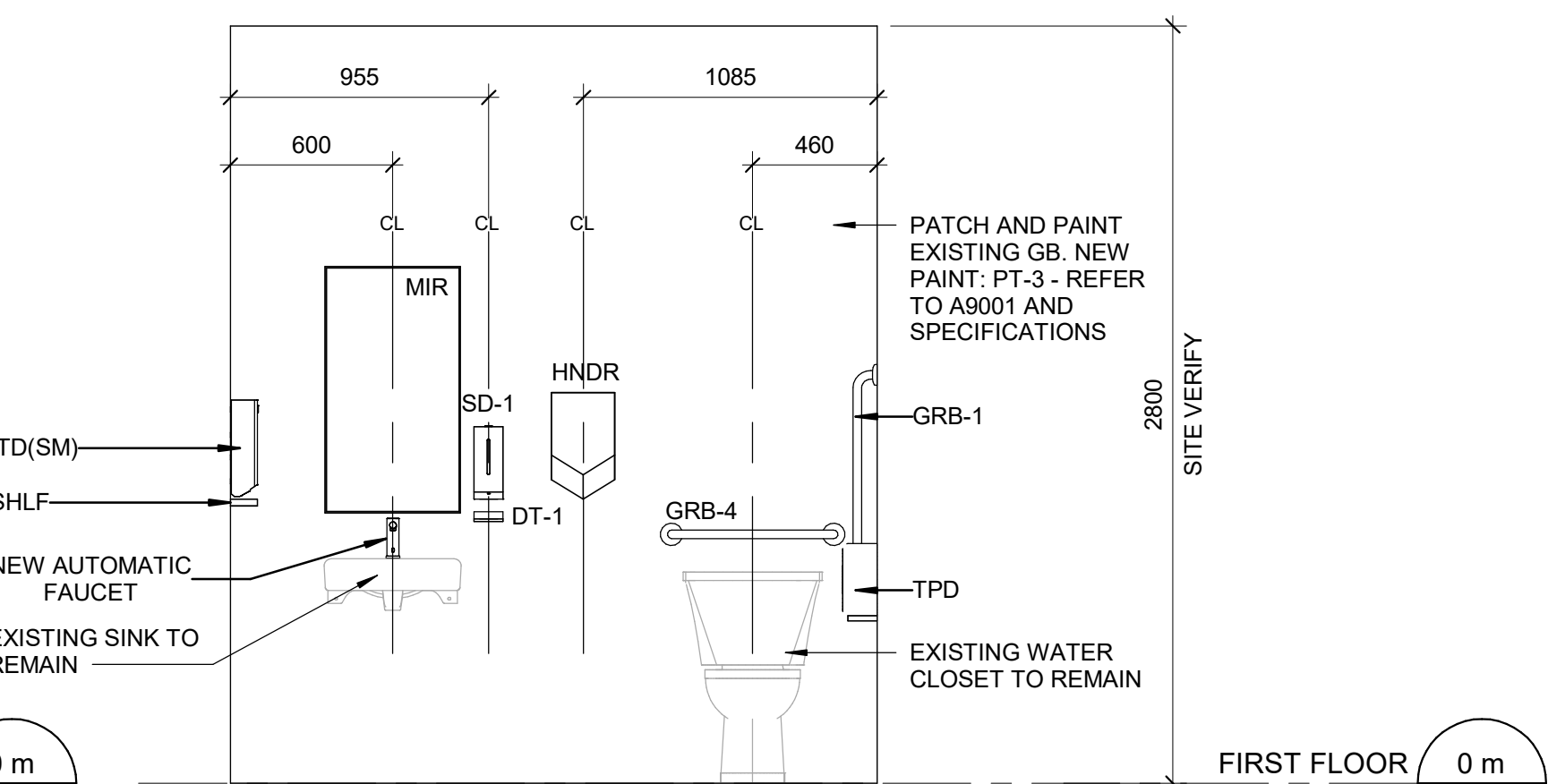
2 BF MEN'S WASHROOM - NORTH ELEVATION
A5011 Scale: 1 : 25



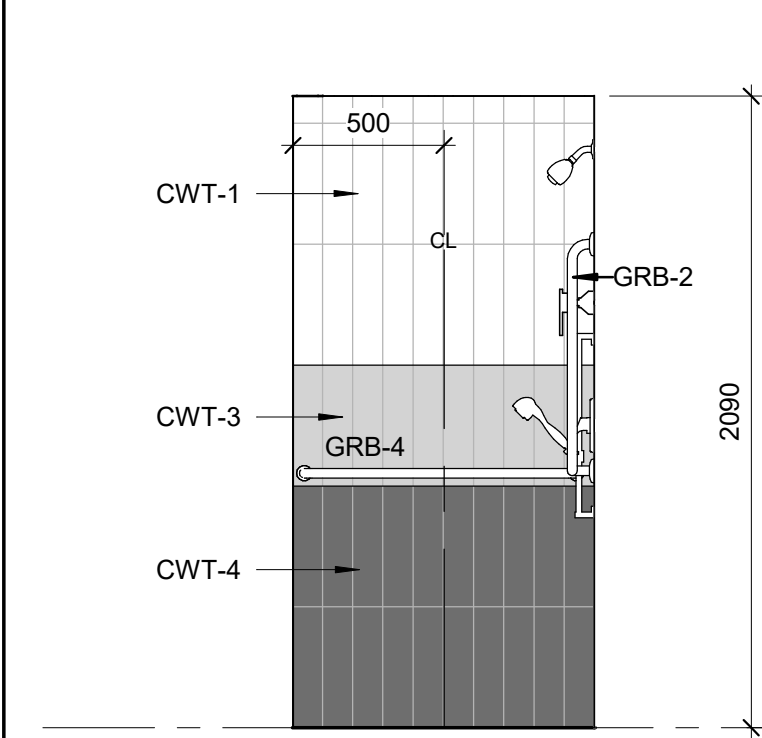
3 BF MEN'S WASHROOM - EAST ELEVATION
A5011 Scale: 1 : 25



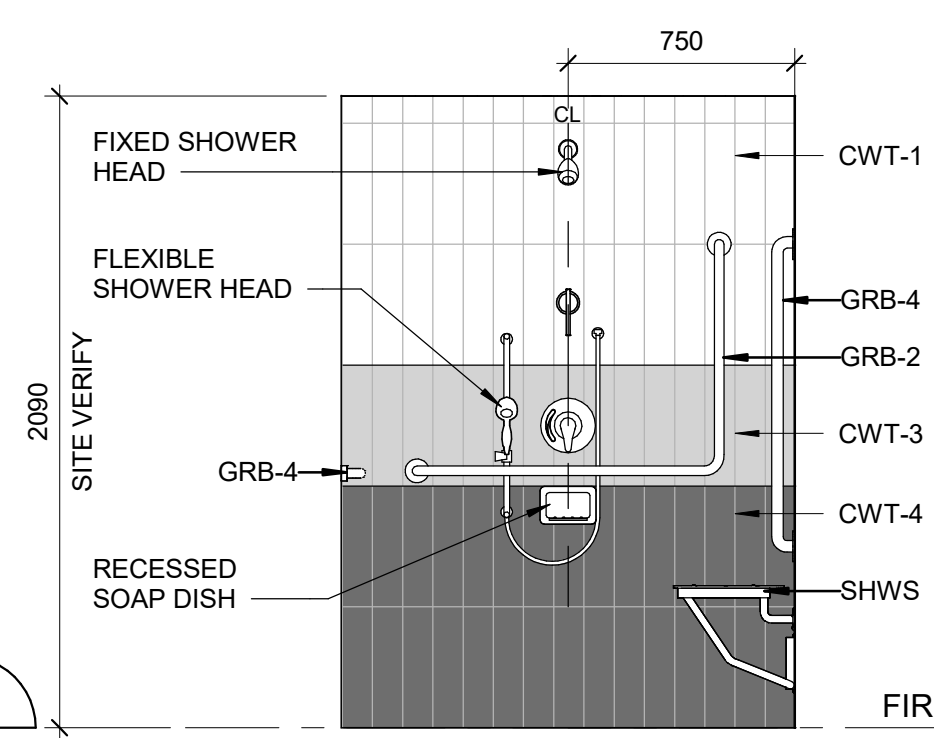
4 BF MEN'S WASHROOM - SOUTH ELEVATION
A5011 Scale: 1 : 25



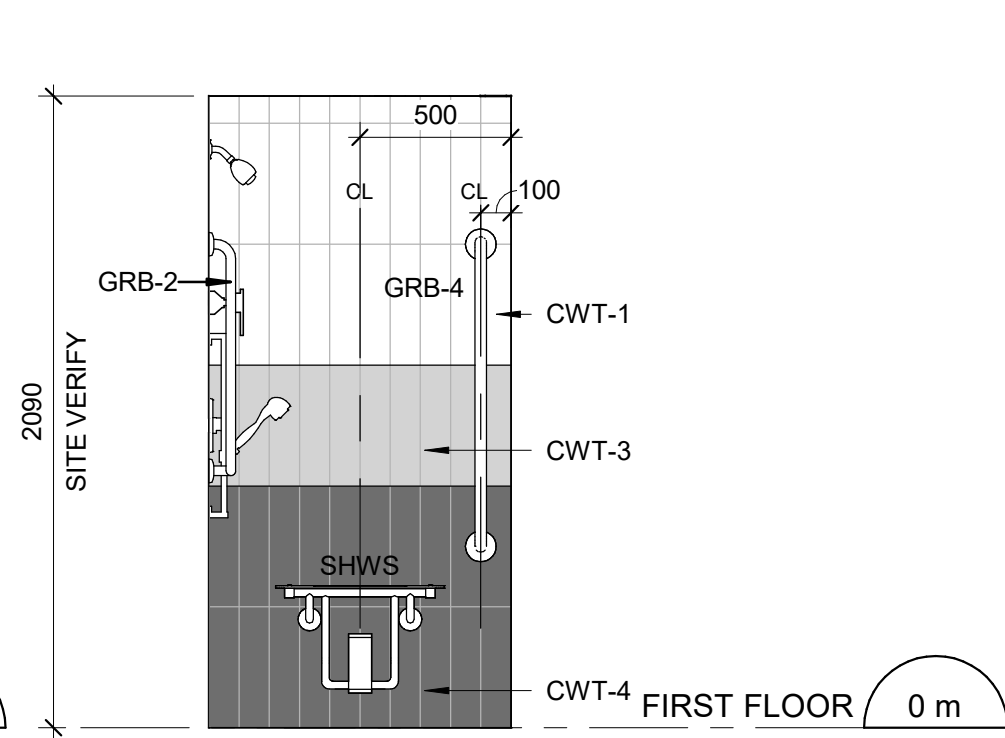
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A5011 Scale: 1 : 25



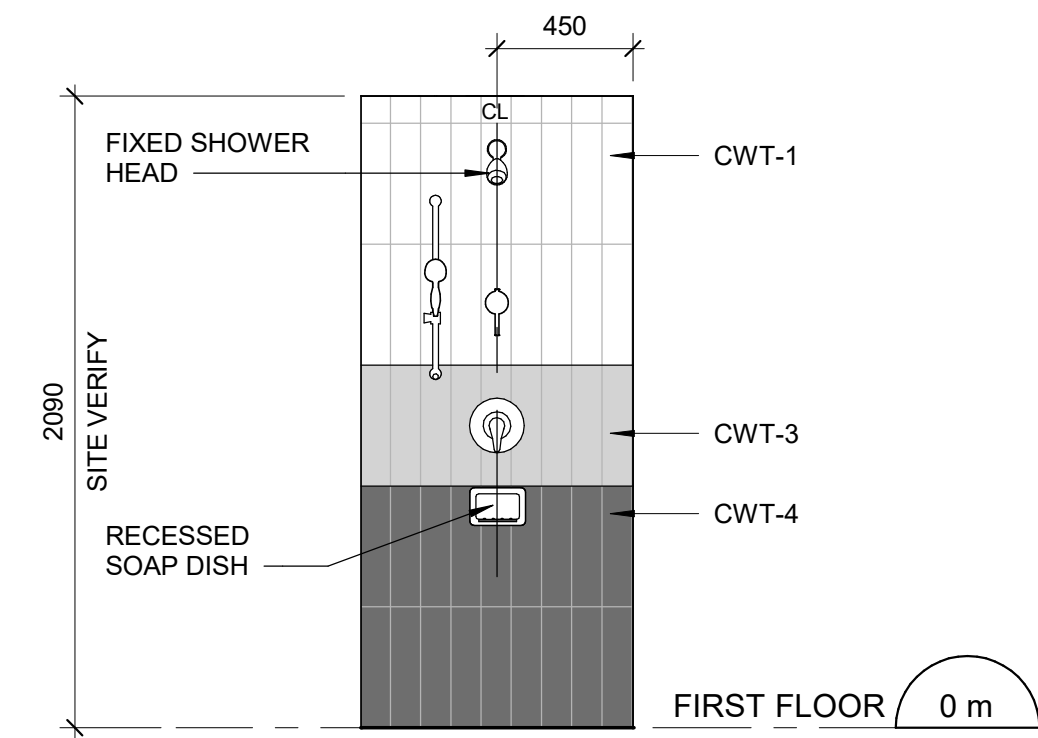
6 ACCESSIBLE SHOWER - NORTH ELEVATION
A5011 Scale: 1 : 25



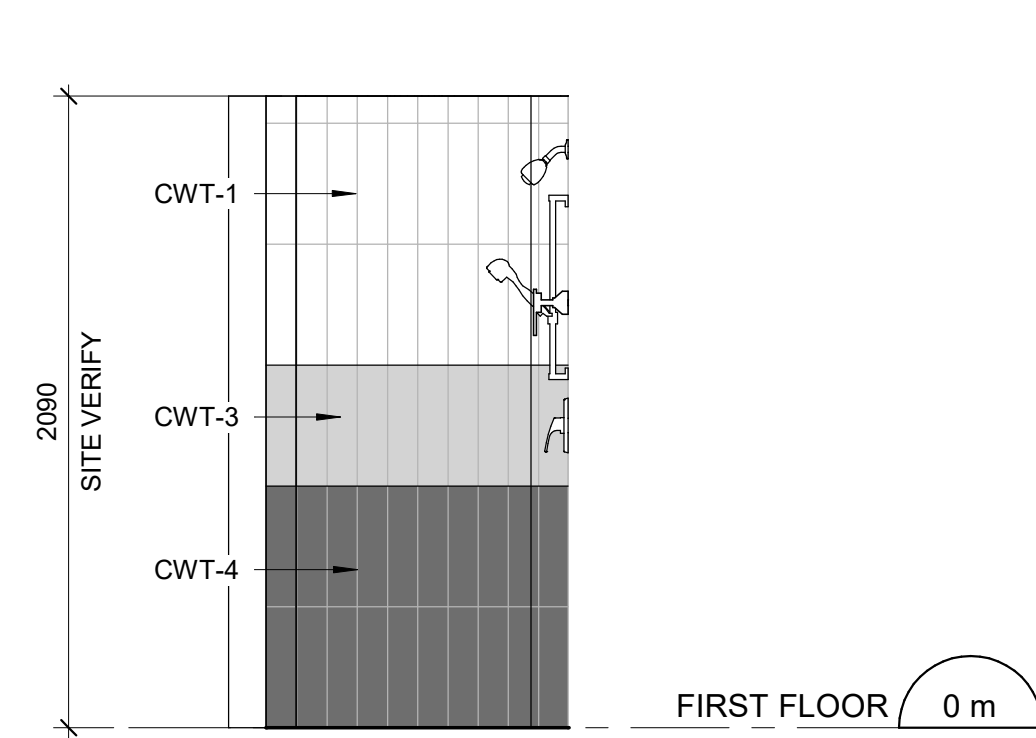
7 ACCESSIBLE SHOWER - EAST ELEVATION
A5011 Scale: 1 : 25



8 ACCESSIBLE SHOWER - SOUTH ELEVATION
A5011 Scale: 1 : 25



10 STANDARD SHOWER - NORTH ELEVATION-TYP.
A5011 Scale: 1 : 25

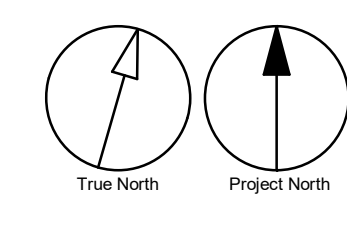


9 STANDARD SHOWER - EAST ELEVATION-TYP.
A5011 Scale: 1 : 25

NOTE:
• PROVIDE NEW PAINT ON BOTH SIDES OF THE WALL WHEN AFFECTED BY CONSTRUCTION. TO MATCH THE EXISTING FINISHES AND COLOURS UNLESS OTHERWISE SPECIFIED IN THE DRAWINGS OR IN ROOM FINISH SCHEDULE.

• PROVIDE NEW CEMENT BOARD SUBSTRATE BEHIND NEW WALL TILE AND PROVIDE NEW GALVANIZED STEEL SHEET FOR NEW SHOWER ACCESSORIES.

| 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 | |



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PROJECT TITLE
**CITY OF TORONTO
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PROJECT ADDRESS
160 DUNCAN MILL RD.

PROJECT NO:
9119-19-0162 / Arcadis 30279056

DRAWN BY:
C. LEE

CHECKED BY:
K. TILAHUN

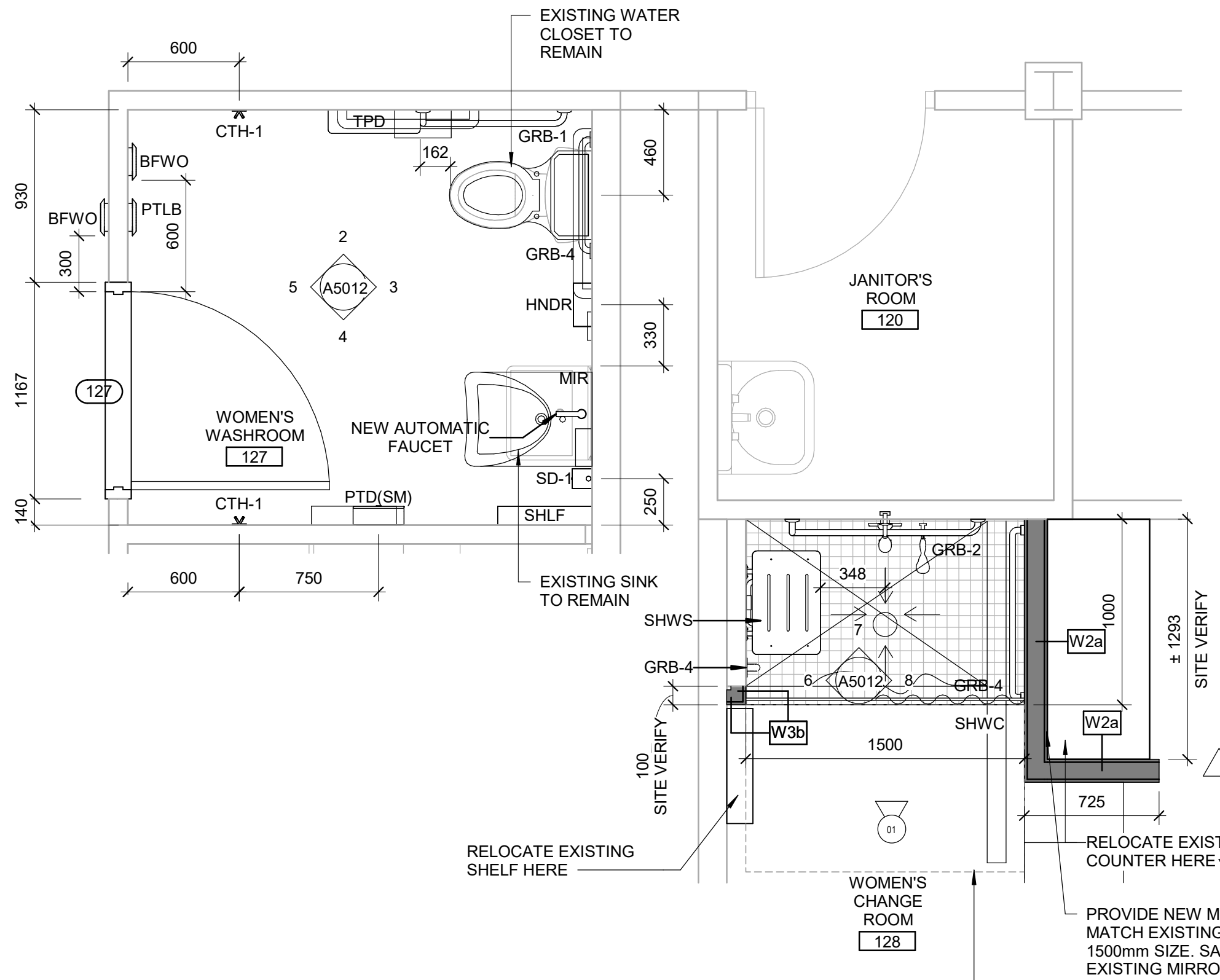
PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
E. FENUTA

SHEET TITLE
**WASHROOM
PLANS/ELEVATIONS**

SHEET NUMBER
G05-083-A5011

ISSUE
D



1 BF WOMEN'S WASHROOM & SHOWER ROOM - ENLARGED PLAN
A5012 Scale: 1 : 25



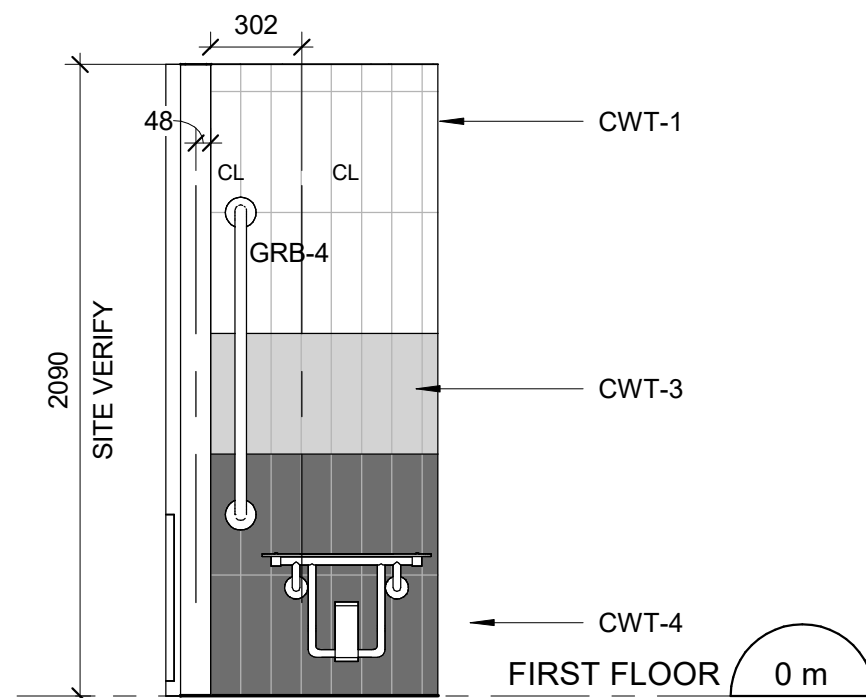
PHOTO 01 - EXISTING SHOWER



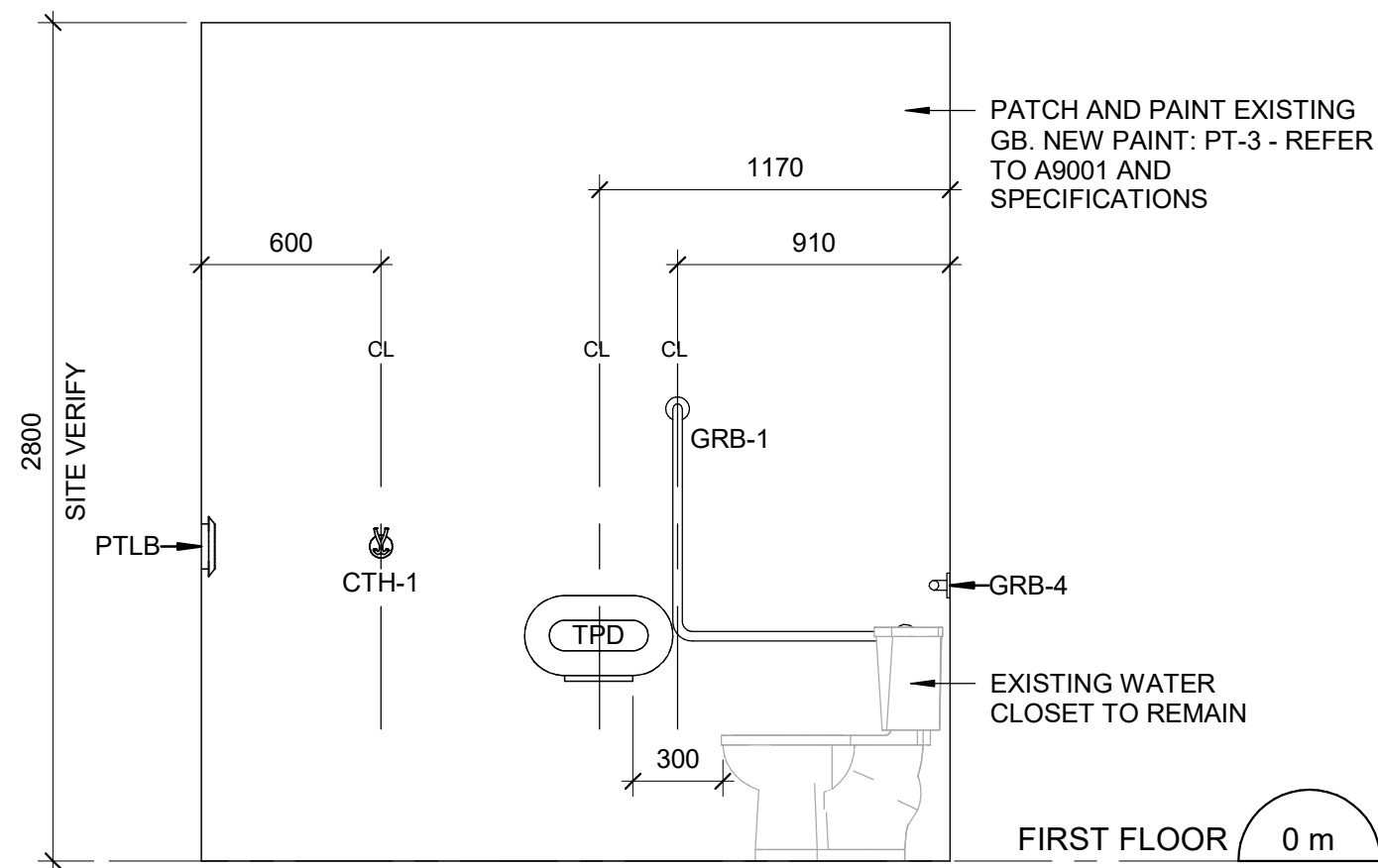
PHOTO 02 - EXISTING CHANGE ROOM



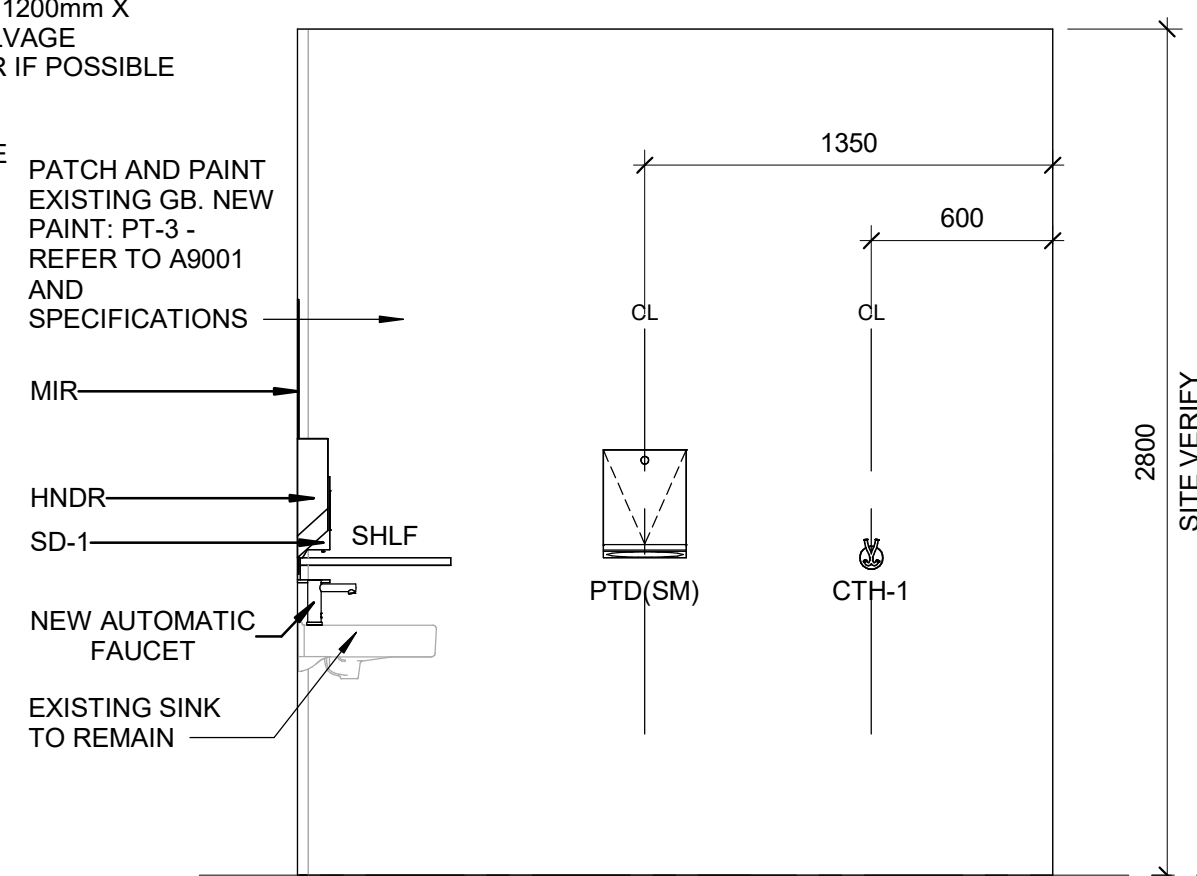
PHOTO 03 - EXISTING COUNTER



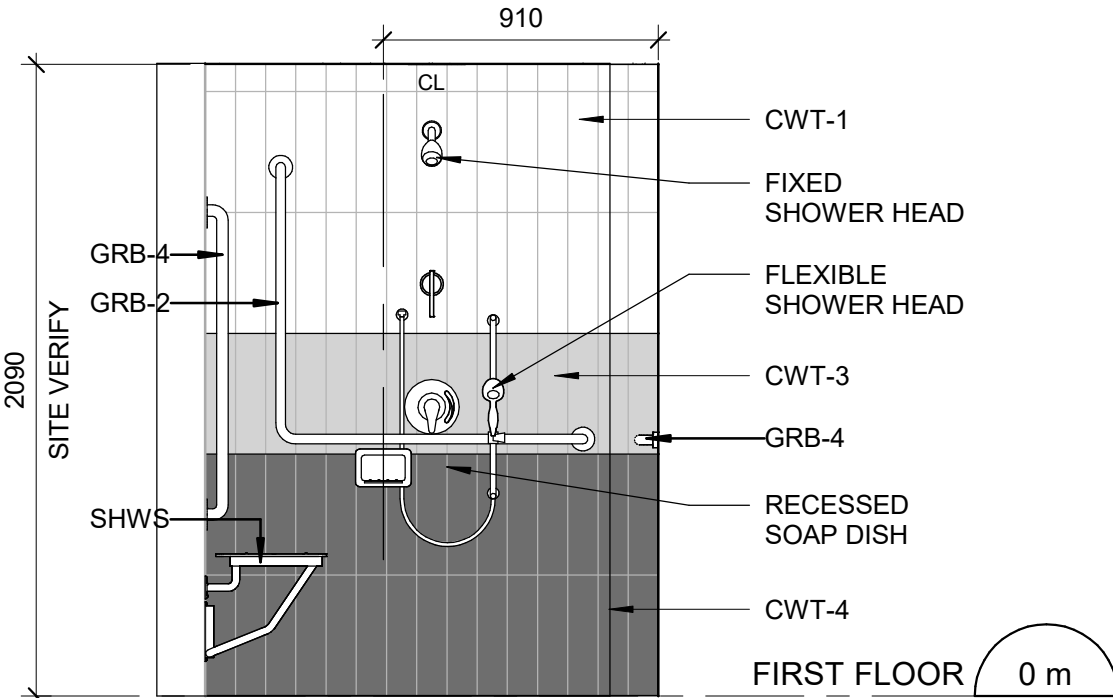
6 WOMEN'S SHOWER ROOM - WEST ELEVATION
A5012 Scale: 1 : 25



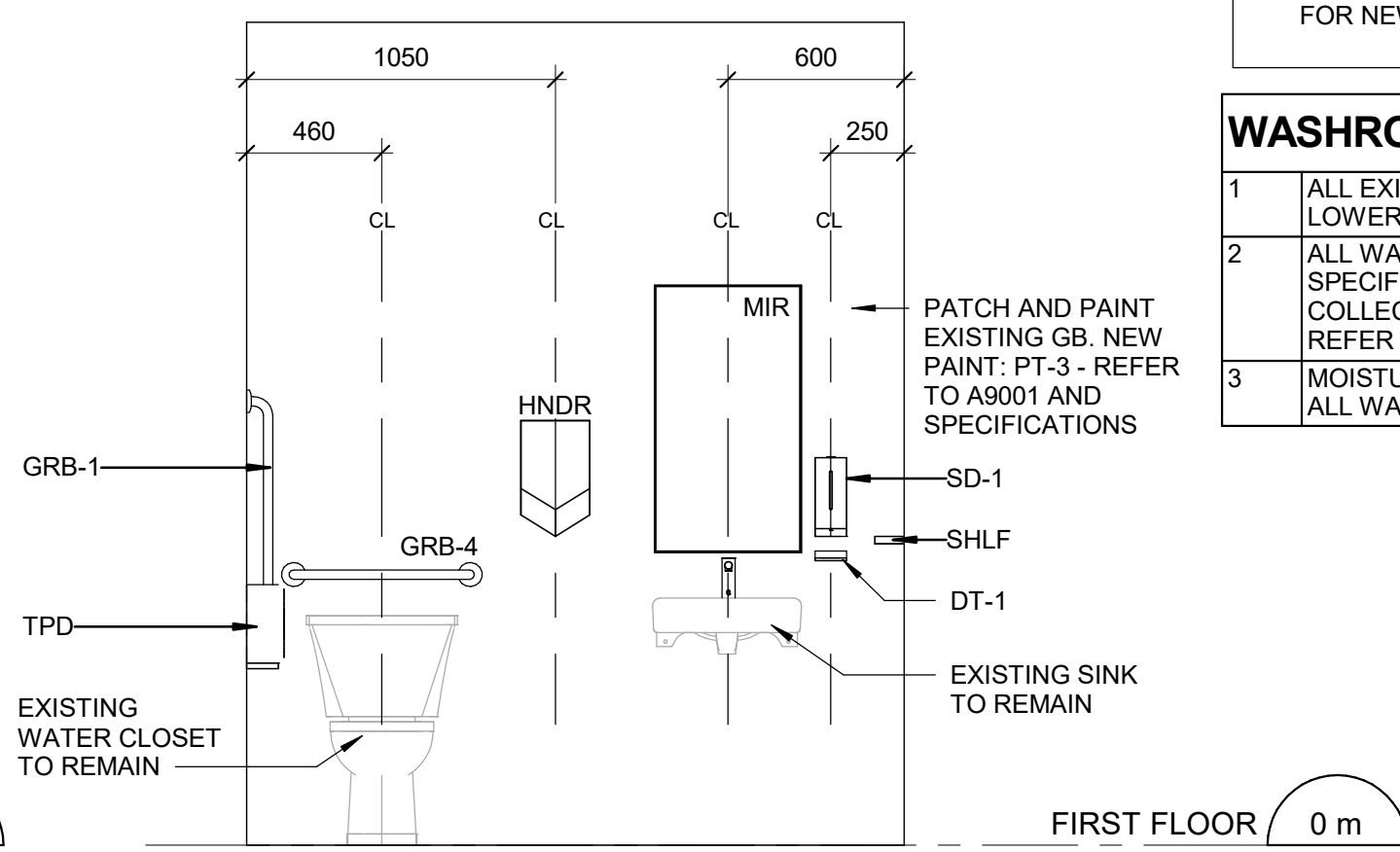
2 BF WOMEN'S WASHROOM - NORTH ELEVATION
A5012 Scale: 1 : 25



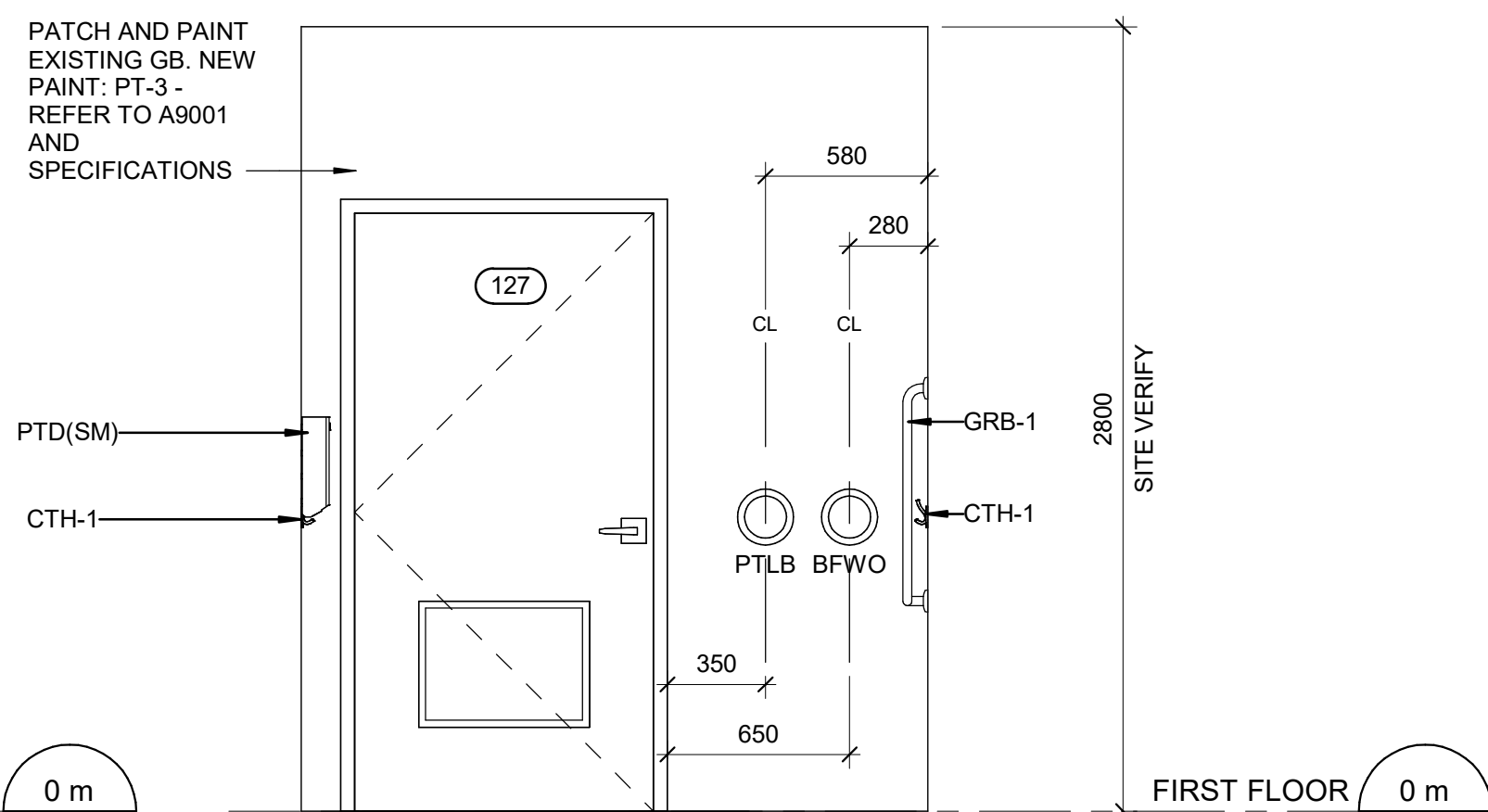
4 BF WOMEN'S WASHROOM - SOUTH ELEVATION
A5012 Scale: 1 : 25



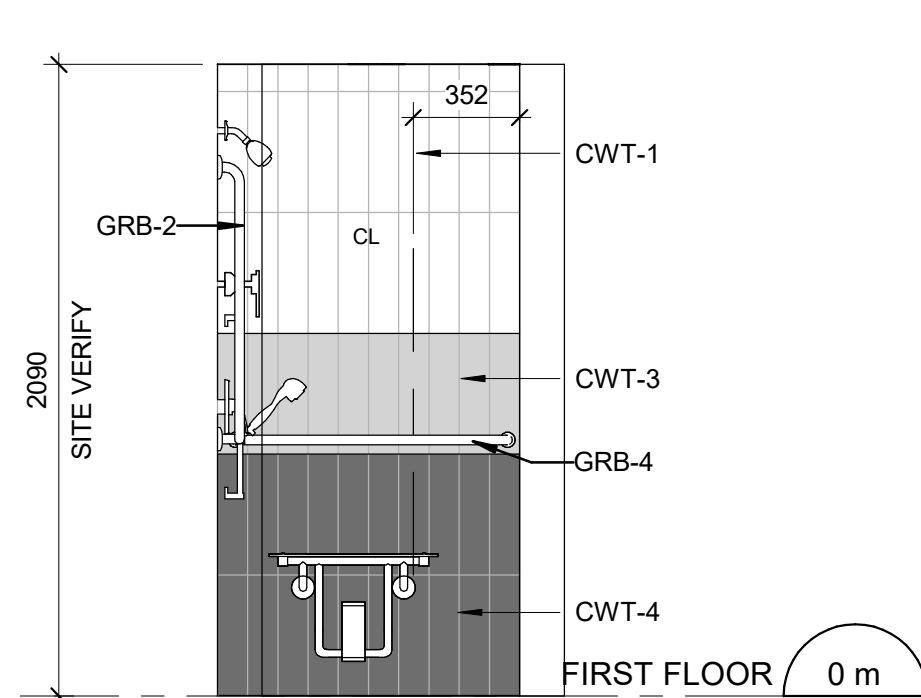
7 WOMEN'S SHOWER ROOM - NORTH ELEVATION
A5012 Scale: 1 : 25



3 BF WOMEN'S WASHROOM - EAST ELEVATION
A5012 Scale: 1 : 25



5 BF WOMEN'S WASHROOM - WEST ELEVATION
A5012 Scale: 1 : 25



8 WOMEN'S SHOWER ROOM - EAST ELEVATION
A5012 Scale: 1 : 25

NOTE:
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• PROVIDE NEW CEMENT BOARD SUBSTRATE BEHIND NEW WALL TILE AND PROVIDE NEW GALVANIZED STEEL SHEET FOR NEW SHOWER ACCESSORIES.

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 |

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DRAWN BY:
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CHECKED BY:
K. TILAHUN

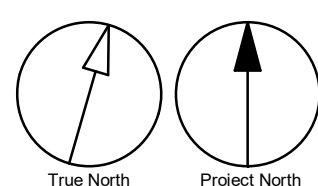
PROJECT MGR:
F. BOLOURIAN

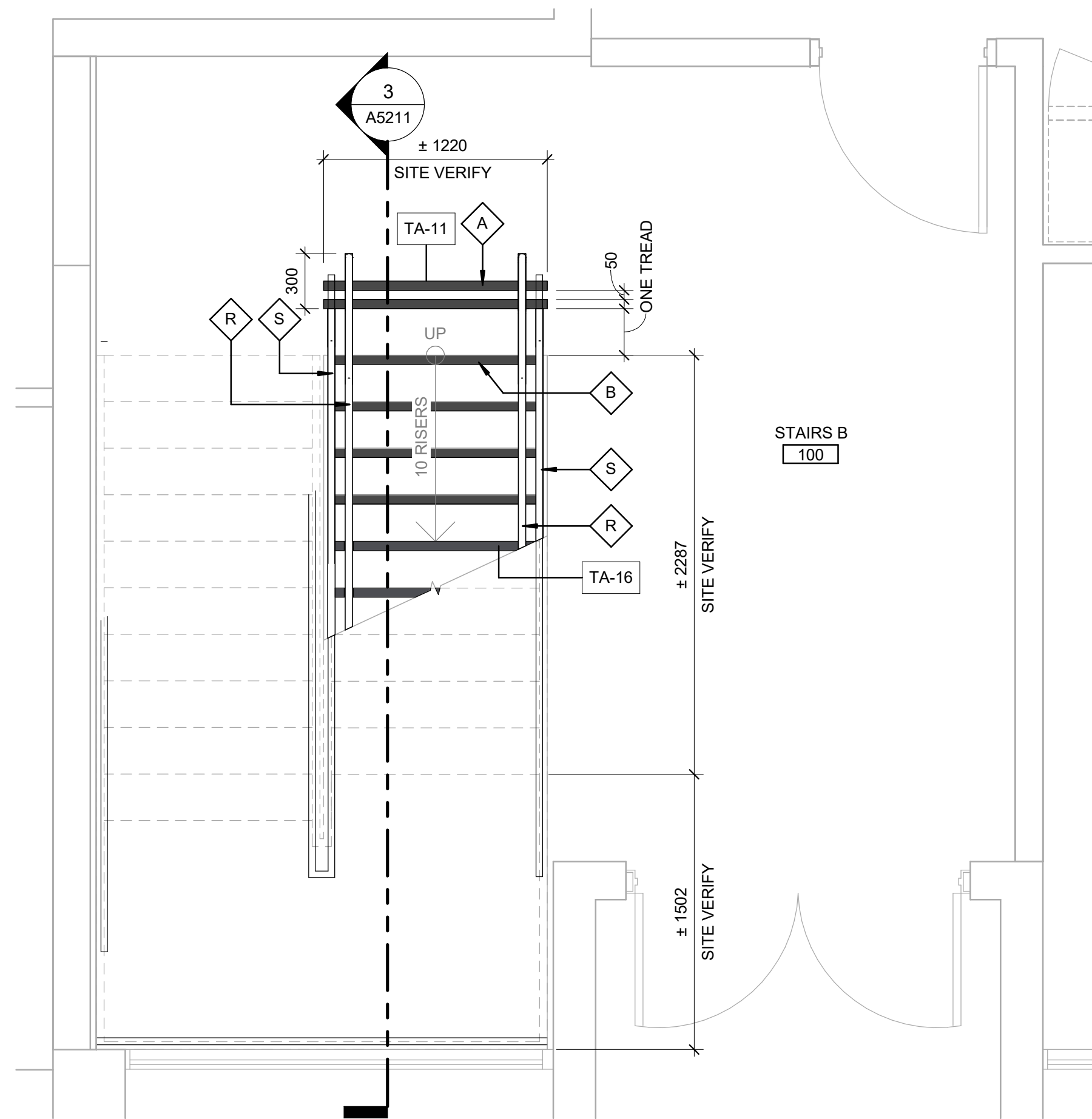
APPROVED BY:
E. FENUTA

SHEET TITLE
**WASHROOM
PLANS/ELEVATIONS**

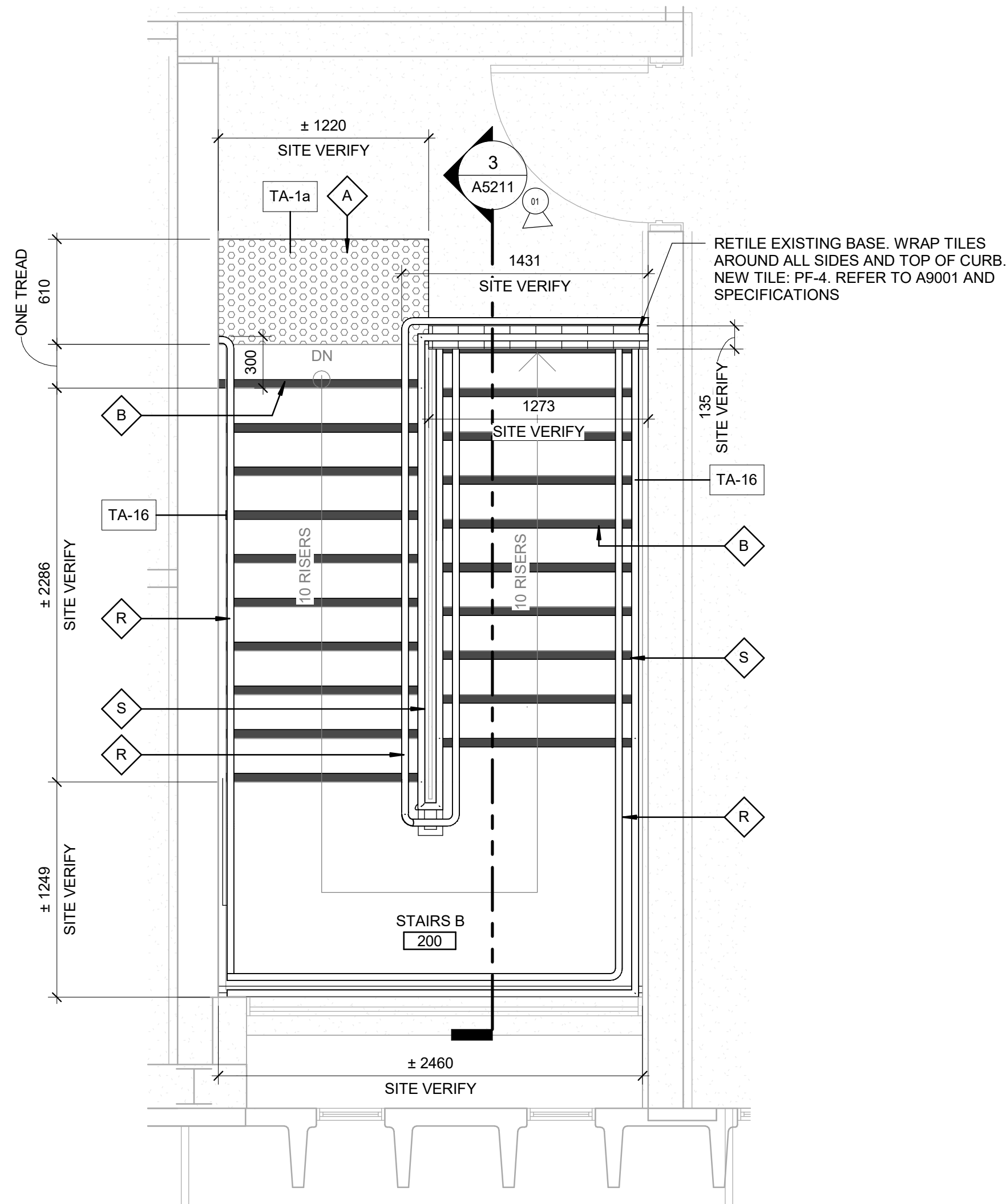
SHEET NUMBER
G05-083-A5012

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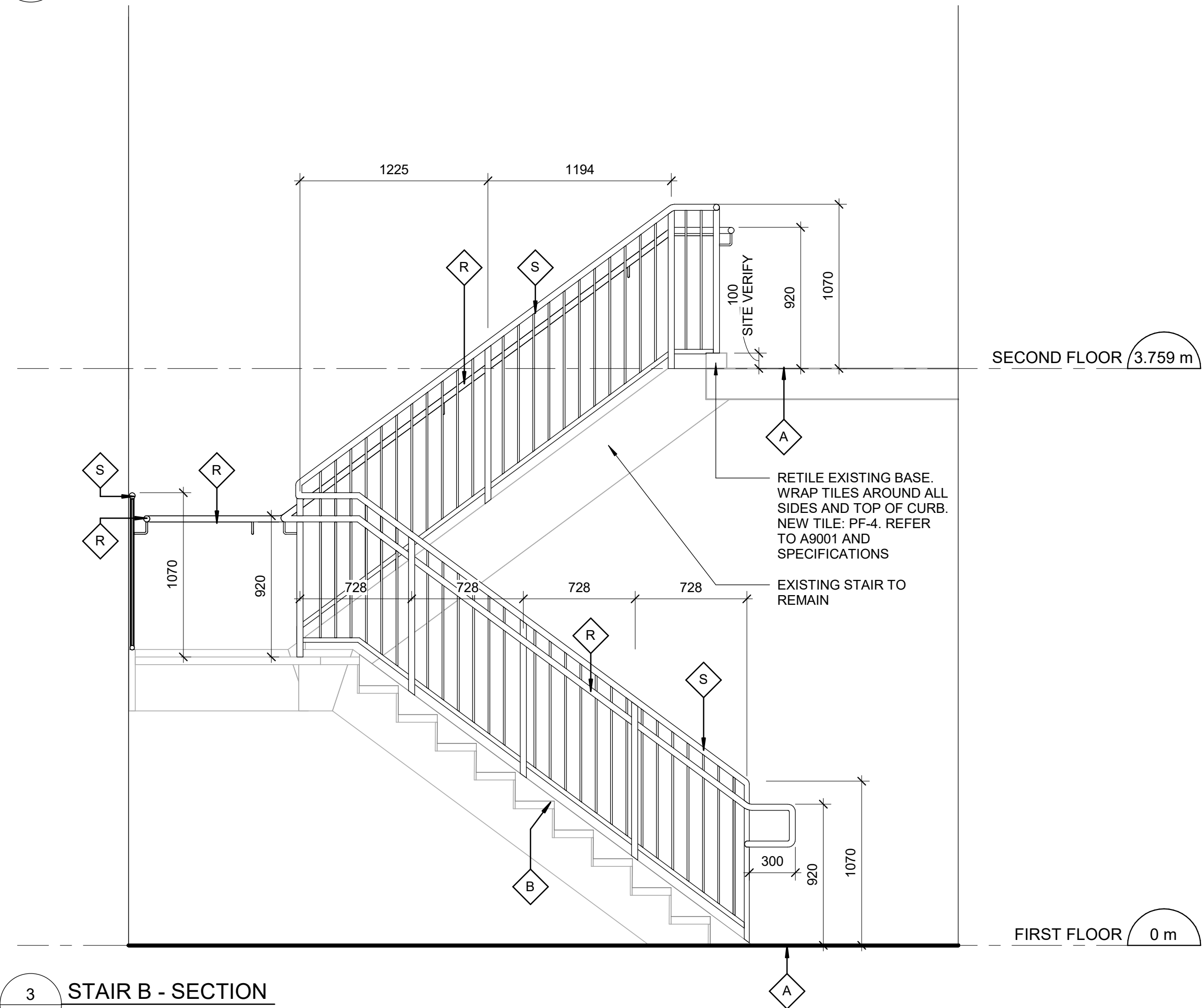




1 FIRST FLOOR - STAIR B ENLARGED PLAN
A5211 Scale: 1 : 25



2 SECOND FLOOR - STAIR B ENLARGED PLAN
A5211 Scale: 1 : 25



3 STAIR B - SECTION
A5211 Scale: 1 : 25

CONSTRUCTION KEY LEGEND

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

STAIRS GENERAL NOTES

- BEFORE JOINING NEW HANDRAIL, CUT WALL RETURN OF EXISTING HANDRAIL TO CREATE A FLAT SURFACE FOR NEW CONNECTION.
- NEW STEEL HANDRAIL TO BE PRIMED AND PAINTED TO MATCH EXISTING. REFER TO 3/D1402 AND 1/D1401.

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. |
| R | INSTALL NEW HANDRAIL - REFER TO DETAILS 1/D1401, 3/D1401, 2/1403, 3/1403, 4/D1402. |
| S | INSTALL NEW GUARDRAIL - REFER TO DETAILS 5/D1401, 6/D1401, 1/D1403. |

- NOTE:**
- PROVIDE NEW PAINT ON BOTH SIDES OF THE WALL WHEN AFFECTED BY CONSTRUCTION. TO MATCH THE EXISTING FINISHES AND COLOURS UNLESS OTHERWISE SPECIFIED IN THE DRAWINGS OR IN ROOM FINISH SCHEDULE.



PHOTO 01: RETILE EXISTING

RETILE EXISTING BASE.
WRAP TILES AROUND ALL
SIDES AND TOP OF CURB.
NEW TILE: PF-4. REFER TO
A9001 AND SPECIFICATIONS

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PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

160 DUNCAN MILL RD.

PROJECT NO:

9119-19-0162 / Arcadis 30279056

DRAWN BY:

C. LEE

CHECKED BY:

K. TILAHUN

PROJECT MGR:

F. BOLOURIAN

APPROVED BY:

E. FENUTA

SHEET TITLE

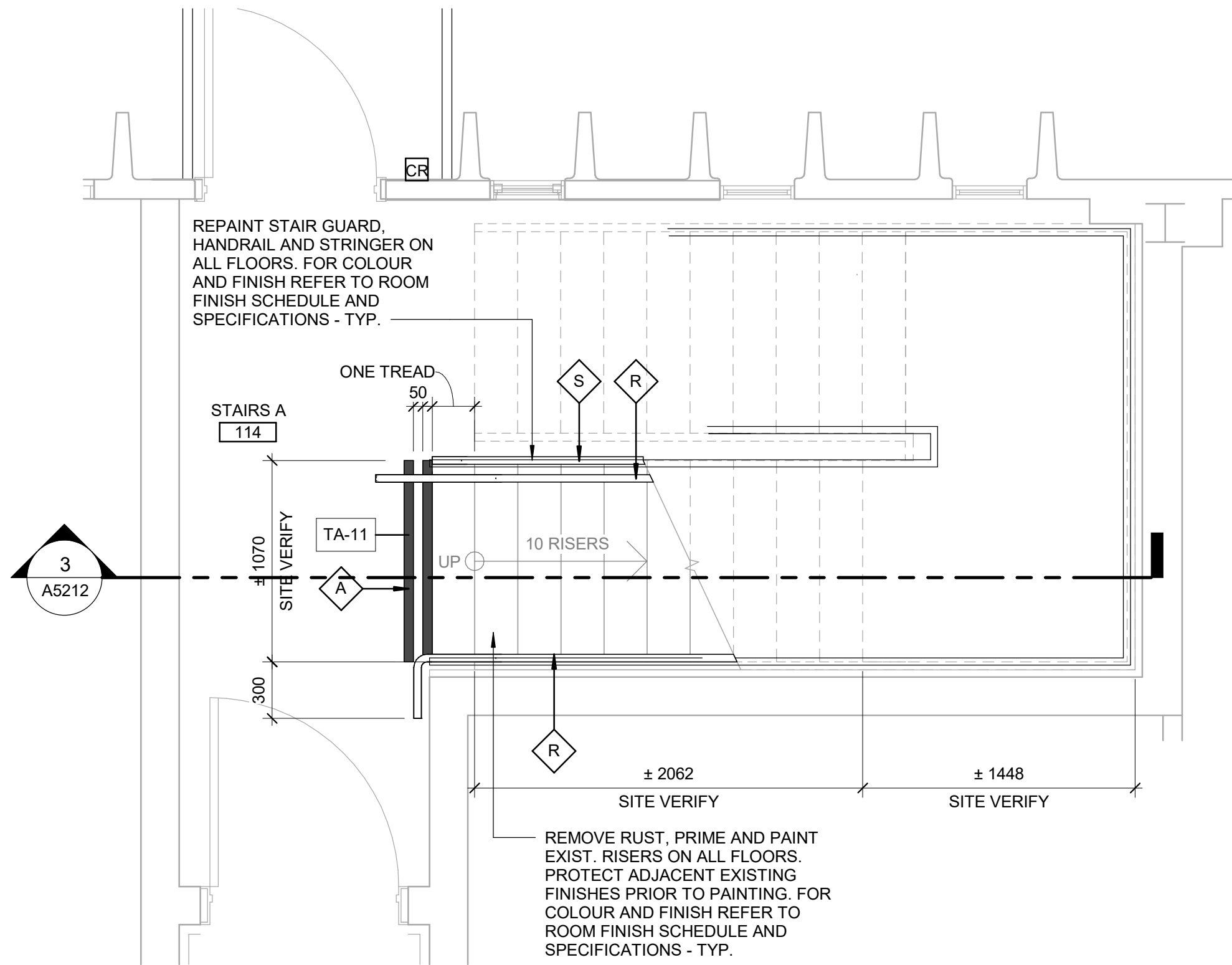
STAIR PLANS AND
SECTION

SHEET NUMBER

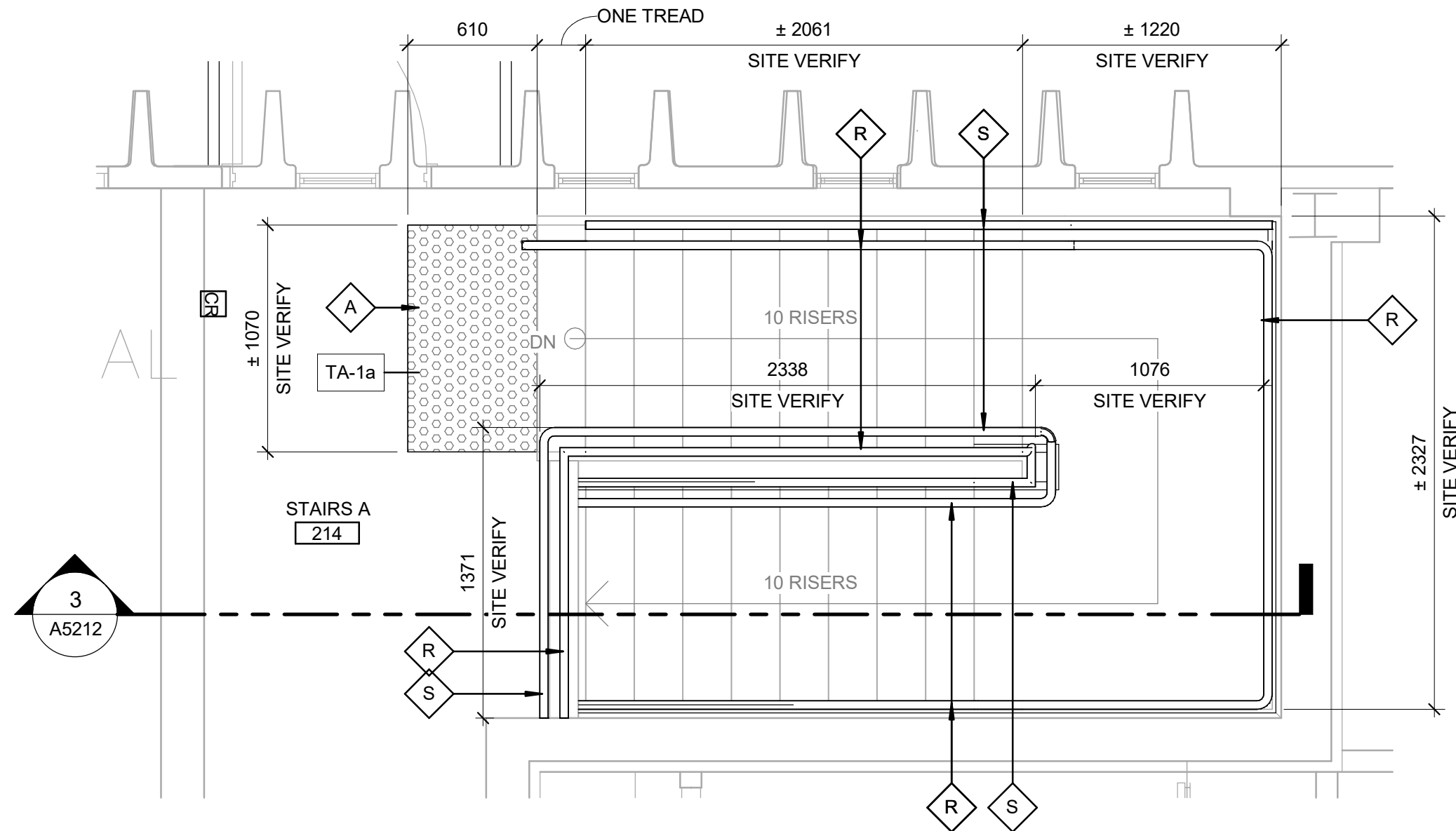
G05-083-A5211

ISSUE

D



1 FIRST FLOOR - STAIR A ENLARGED PLAN
A5212 Scale: 1 : 25



2 SECOND FLOOR - STAIR A ENLARGED PLAN
A5212 Scale: 1 : 25

CONSTRUCTION KEY LEGEND

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

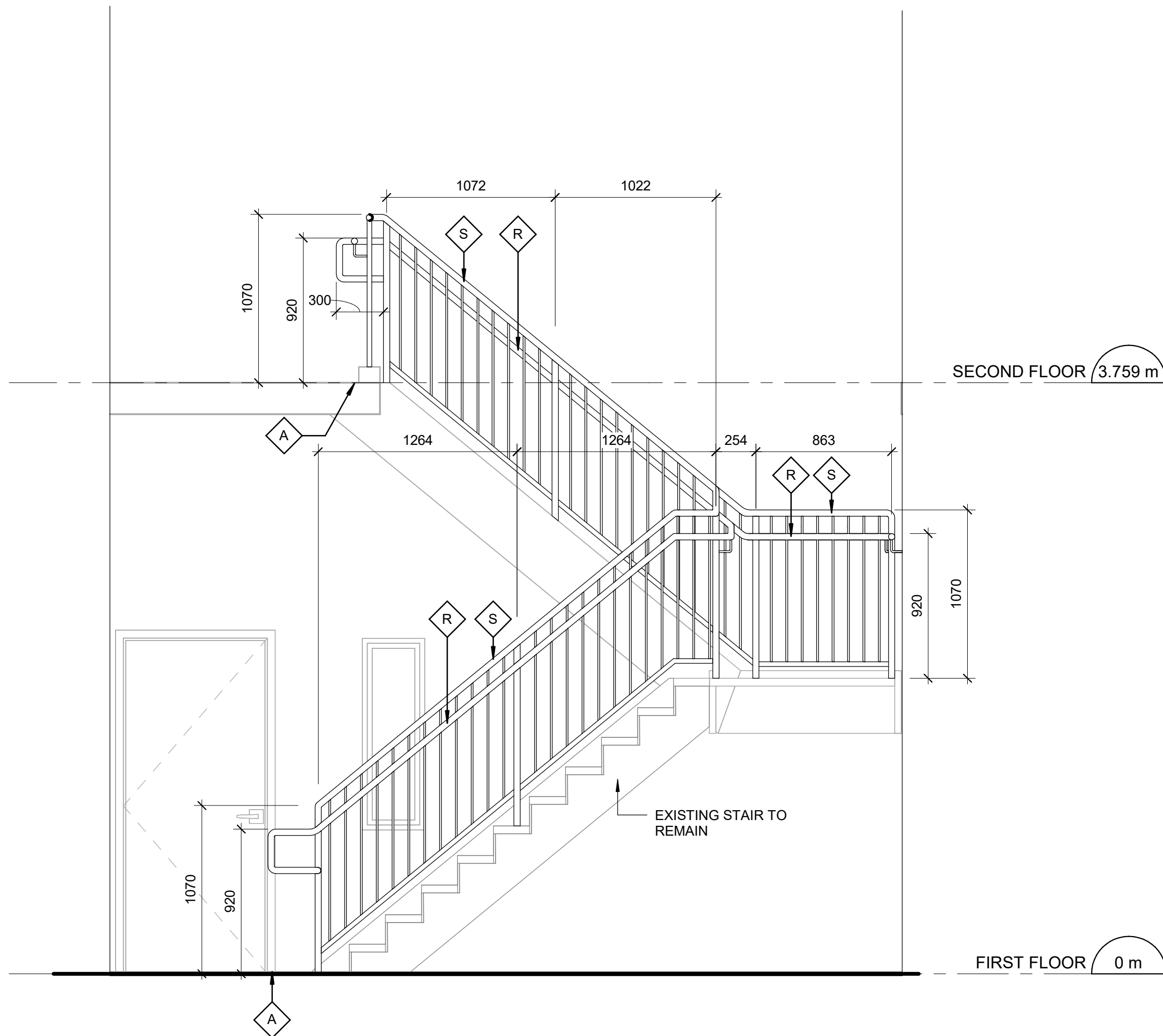
STAIRS GENERAL NOTES

- BEFORE JOINING NEW HANDRAIL, CUT WALL RETURN OF EXISTING HANDRAIL TO CREATE A FLAT SURFACE FOR NEW CONNECTION.
- NEW STEEL HANDRAIL TO BE PRIMED AND PAINTED TO MATCH EXISTING. REFER TO 3/D1402 AND 1/D1401.

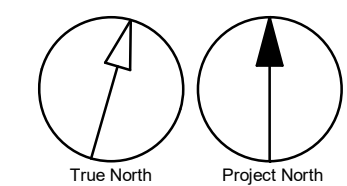
CONSTRUCTION KEY NOTES

| NO | DESCRIPTION |
|----|---|
| A | INSTALL TACTILE ATTENTION INDICATOR AND TACTILE WARNING STRIP - REFER TO TYPICAL DETAILS 1/D1402 AND 1/D1405. |
| R | INSTALL NEW HANDRAIL - REFER TO DETAILS 1/D1401, 3/D1401, 2/1403, 3/1403, 4/D1402. |
| S | INSTALL NEW GUARDRAIL - REFER TO DETAILS 5/D1401, 6/D1401, 1/D1403. |

- NOTE:**
- PROVIDE NEW PAINT ON BOTH SIDES OF THE WALL WHEN, AFFECTED BY CONSTRUCTION, TO MATCH THE EXISTING FINISHES AND COLOURS UNLESS OTHERWISE, SPECIFIED IN THE DRAWINGS OR IN ROOM FINISH SCHEDULE.



3 STAIR A - SECTION
A5212 Scale: 1 : 25



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PROJECT NO:
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DRAWN BY:
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CHECKED BY:
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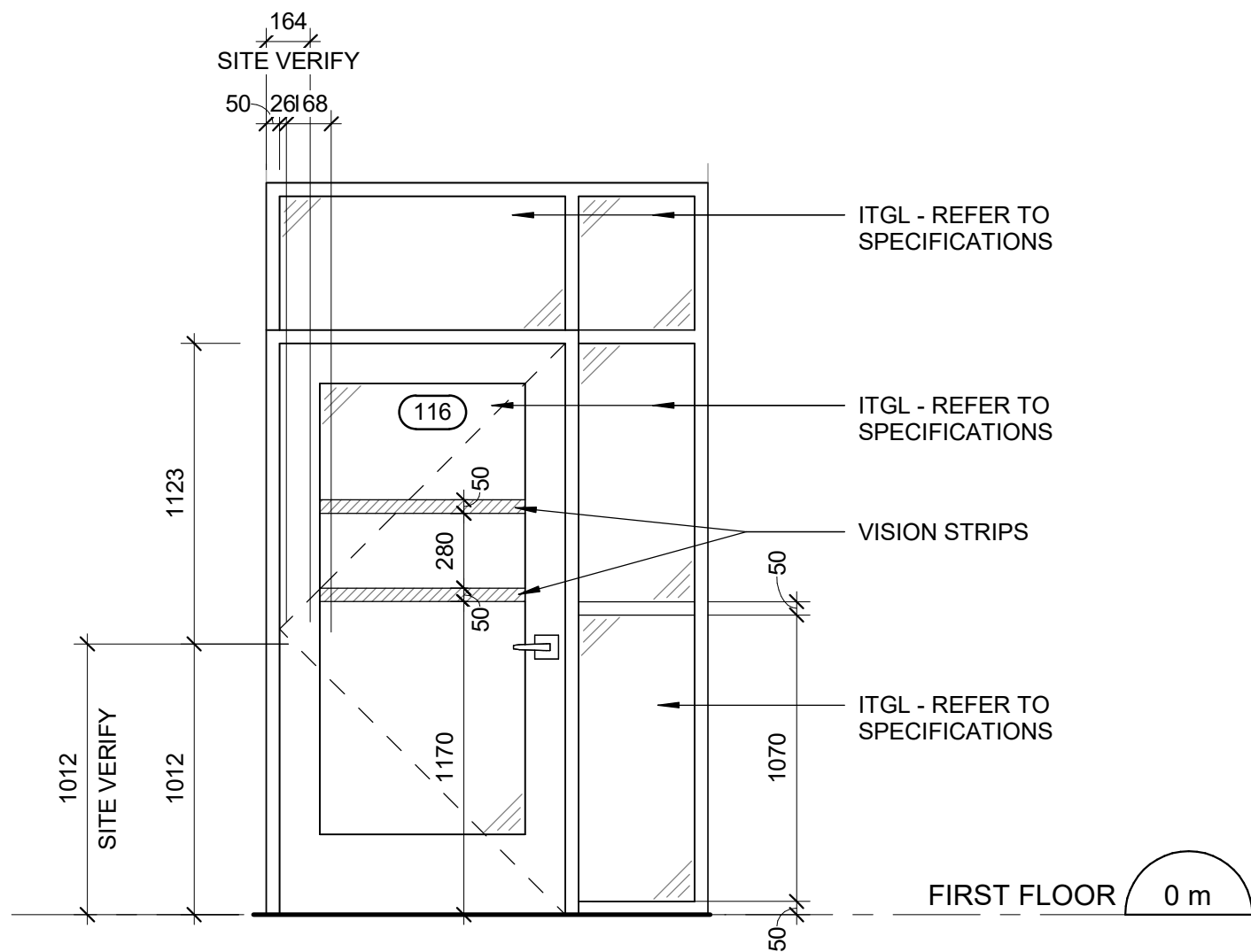
PROJECT MGR:
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APPROVED BY:
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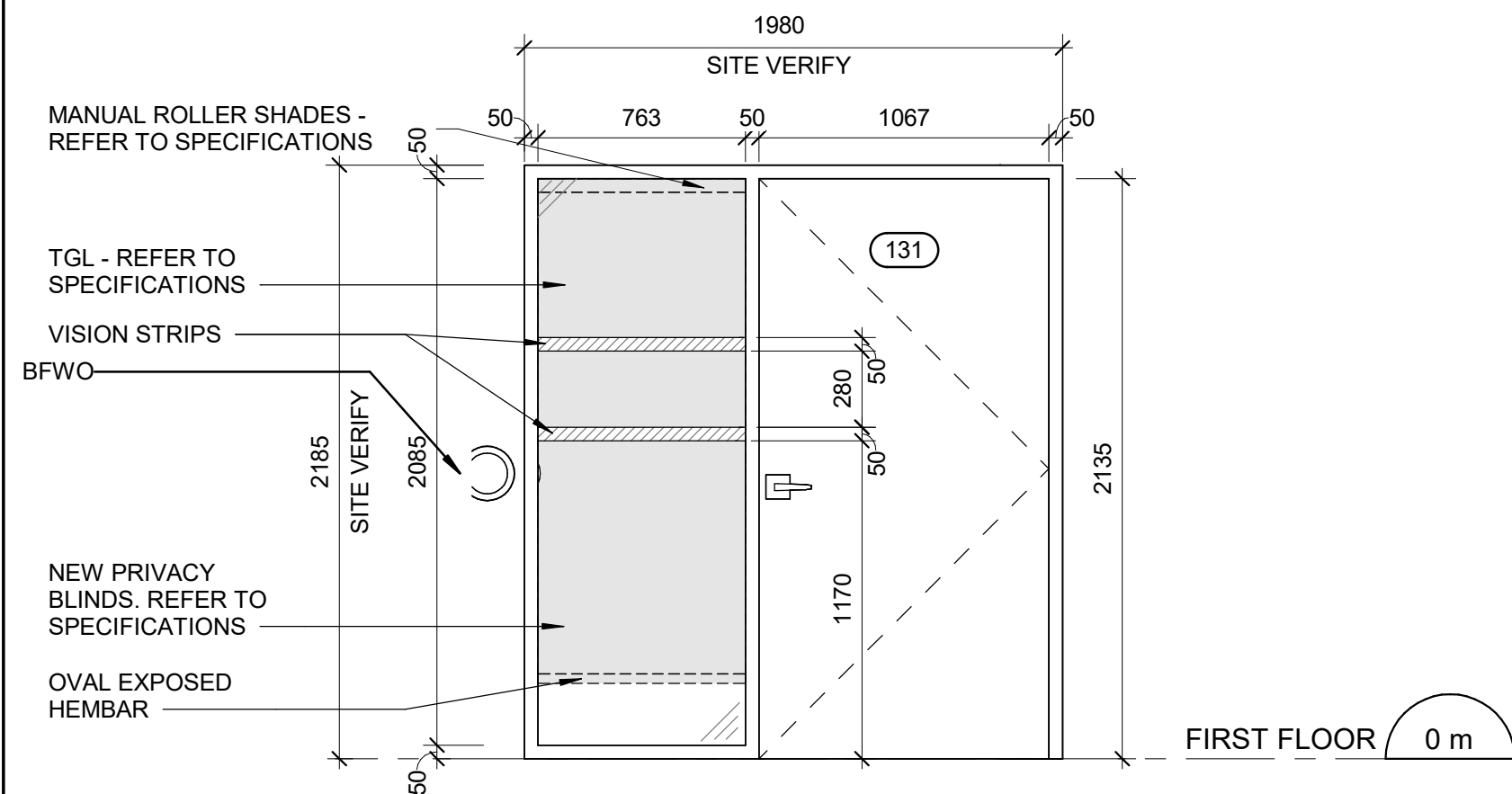
SHEET TITLE
**STAIR PLANS AND
SECTION**

SHEET NUMBER
G05-083-A5212

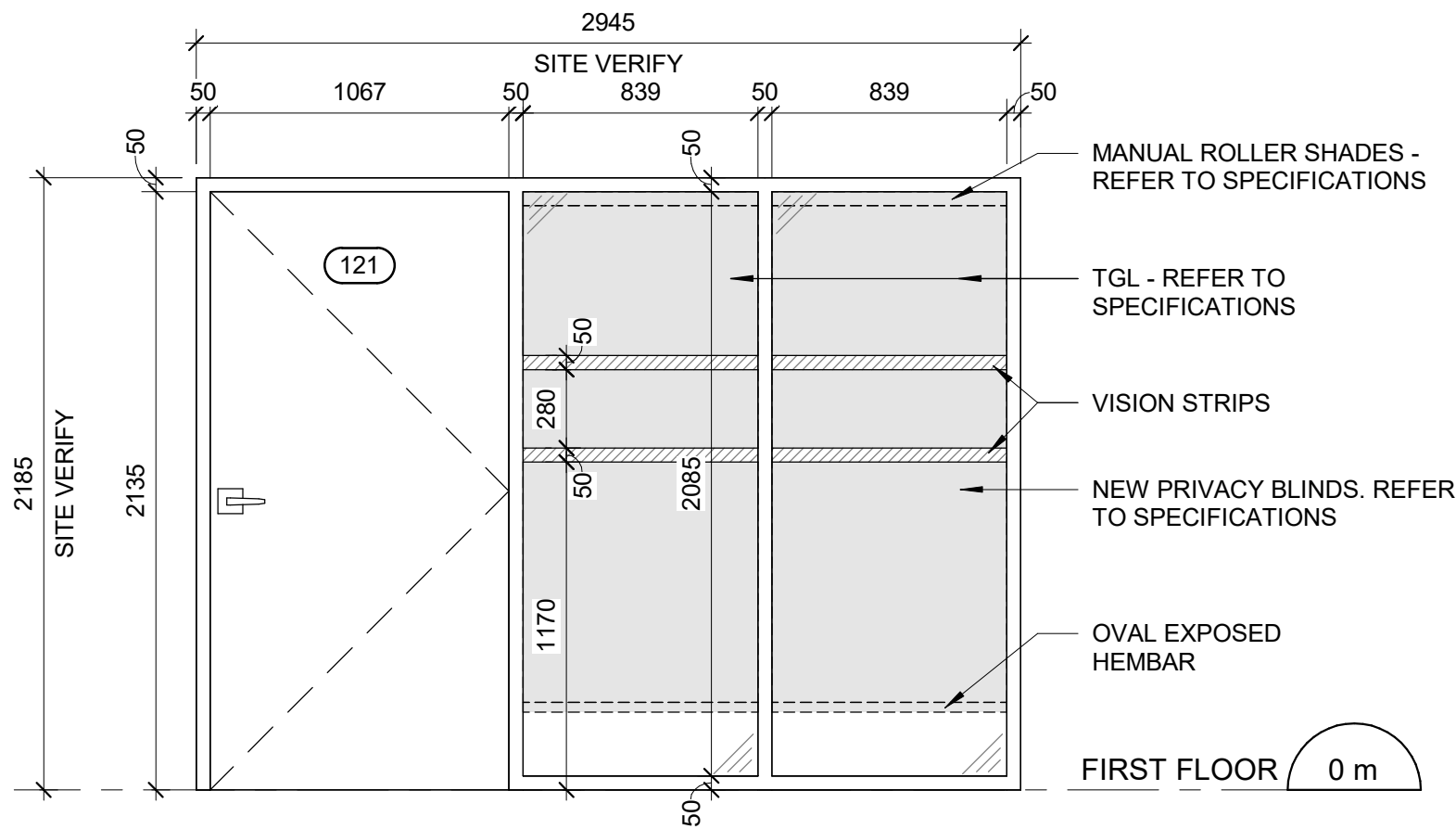
ISSUE
C



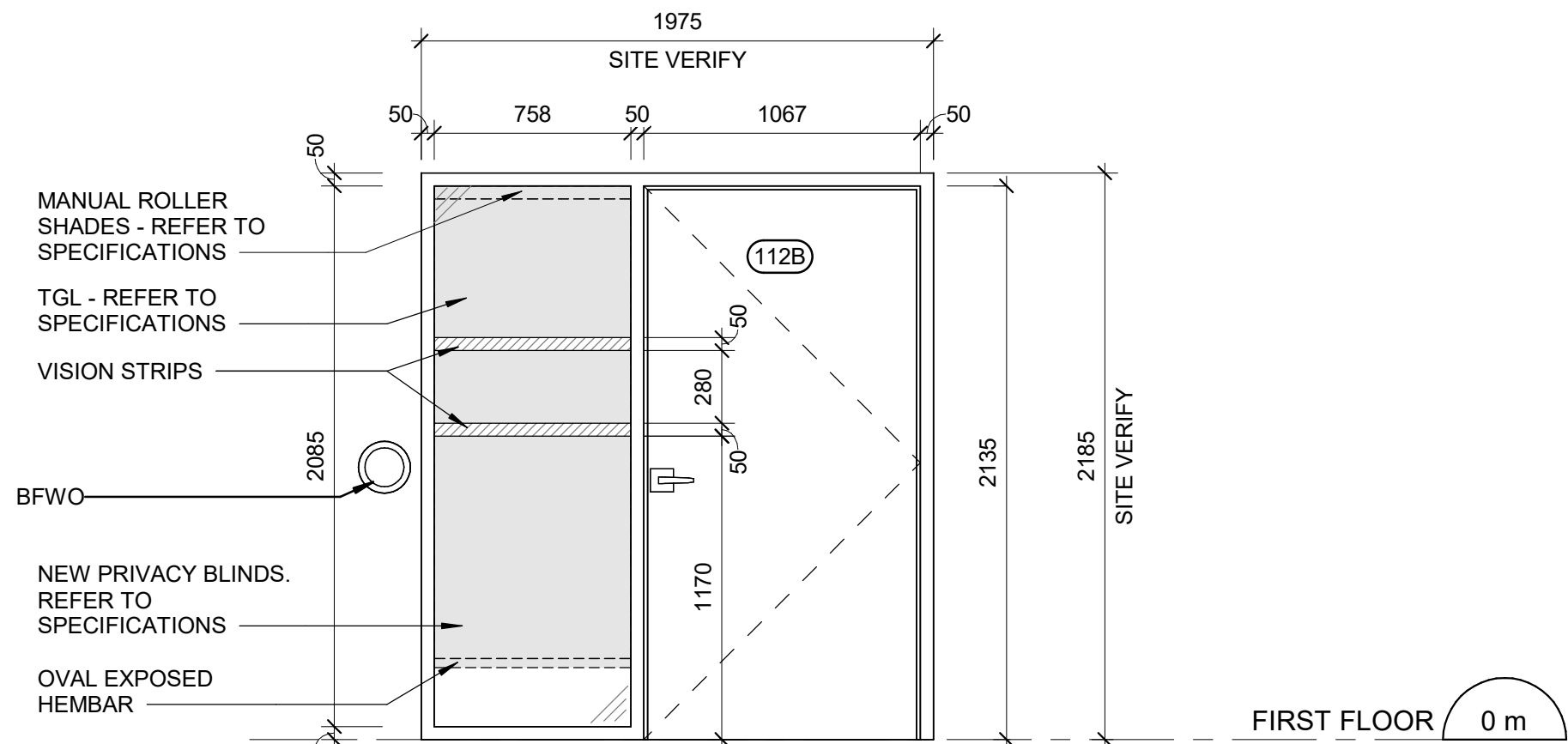
1 DOOR 116 - ELEVATION
A6011 Scale: 1 : 25



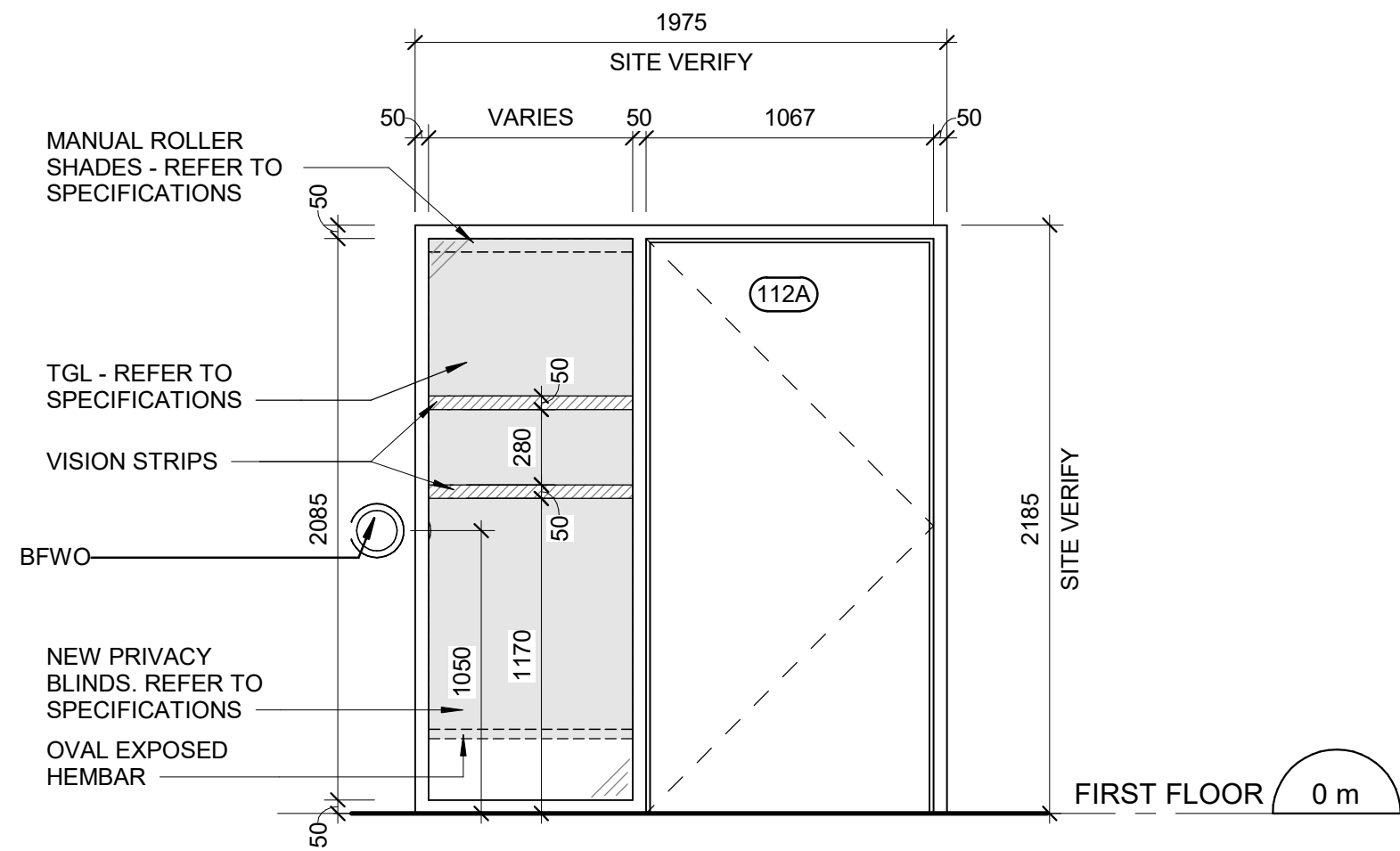
4 DOOR 131- ELEVATION
A6011 Scale: 1 : 25



2 DOOR 121 - ELEVATION
A6011 Scale: 1 : 25



5 DOOR 112B - ELEVATION
A6011 Scale: 1 : 25



3 SINGLE DOOR WITH SIDE LIGHT - ELEVATION
A6011 Scale: 1 : 25

| ISSUES | | |
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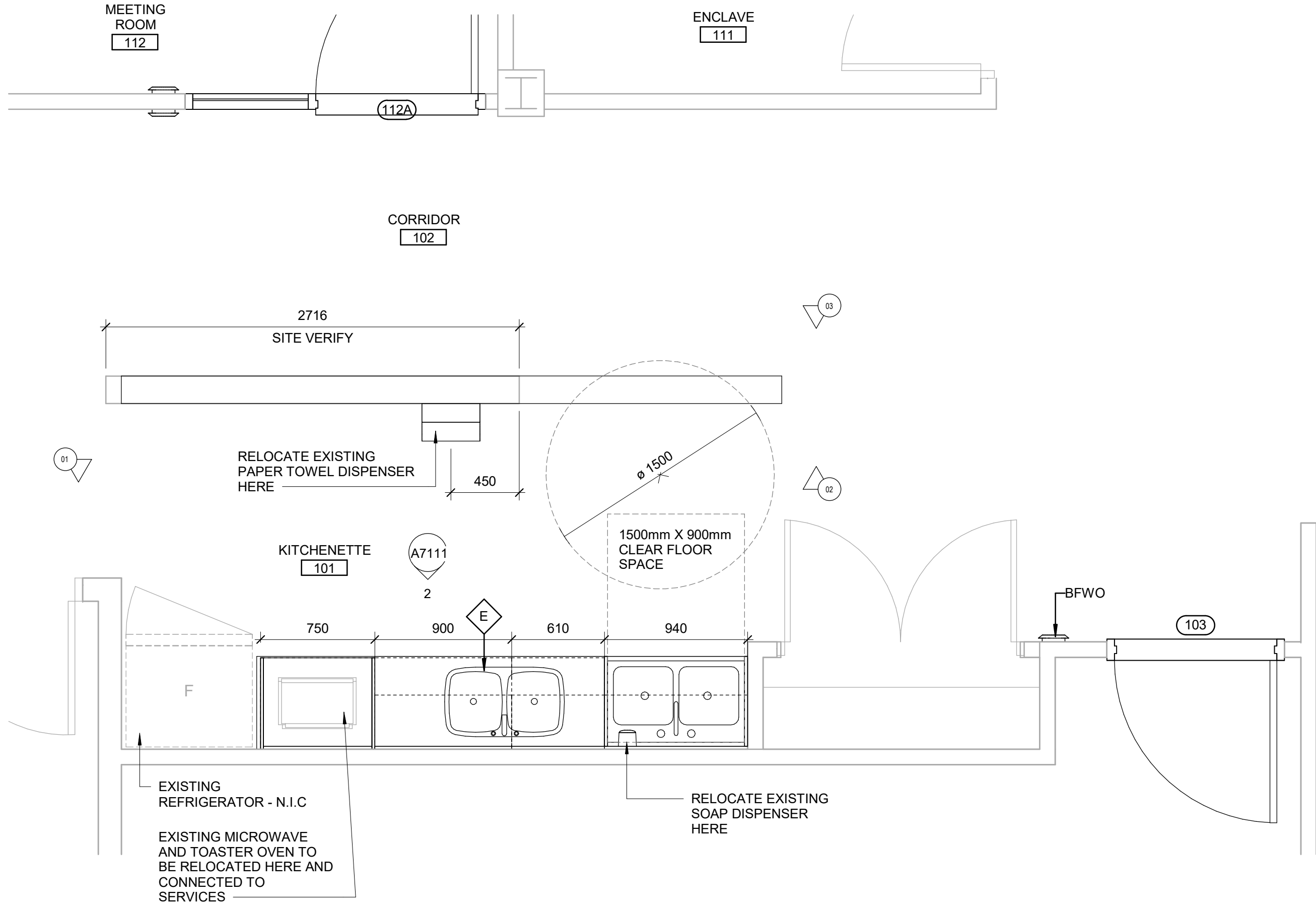
PROJECT ADDRESS

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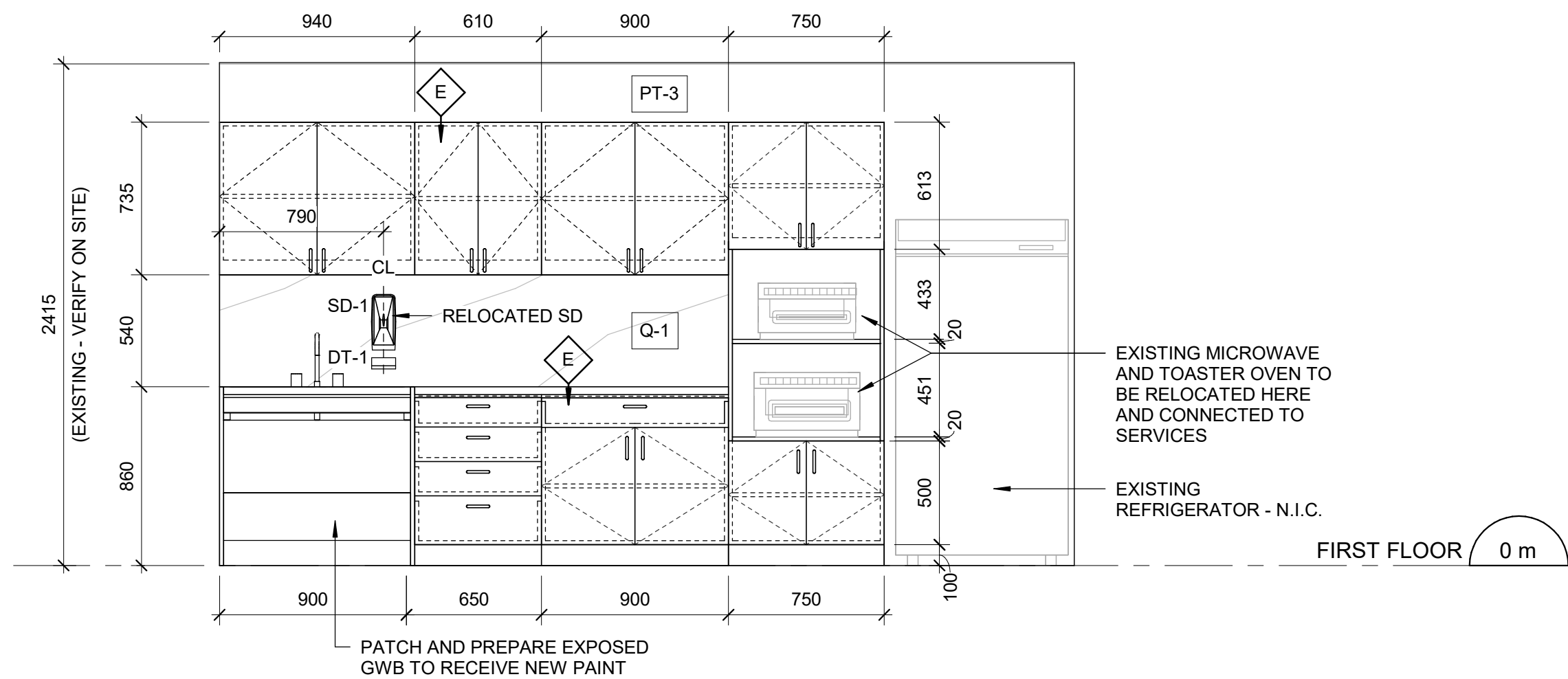
PROJECT NO:
9119-19-0162 / Arcadis 30279056
DRAWN BY:
C. LEE, A. KVASNIUK
CHECKED BY:
K. TILAHUN
PROJECT MGR:
F. BOLOURIAN
APPROVED BY:
E. FENUTA

SHEET TITLE
INTERIOR ELEVATIONS

SHEET NUMBER
G05-083-A6011
ISSUE
C



1 FIRST FLOOR - ENLARGED KITCHENETTE PLAN
A7111 / Scale: 1 : 25



2 NEW KITCHENETTE - ELEVATION
A7111 / Scale: 1 : 25

CONSTRUCTION KEY LEGEND

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

CONSTRUCTION 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. |

NOTE: PROVIDE NEW PAINT ON BOTH SIDES OF THE WALL WHEN, AFFECTED BY CONSTRUCTION, TO MATCH THE EXISTING FINISHES AND COLOURS UNLESS OTHERWISE, SPECIFIED IN THE DRAWINGS OR IN ROOM FINISH SCHEDULE.

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

SHEET TITLE
**ENLARGED KITCHEN
PLAN & ELEVATIONS**

| | |
|--------------------------------------|-------------------|
| SHEET NUMBER G05-083-A7111 | ISSUE D |
|--------------------------------------|-------------------|

REMOVE ALL EXISTING KITCHEN ACCESSORIES TO BE RELOCATED

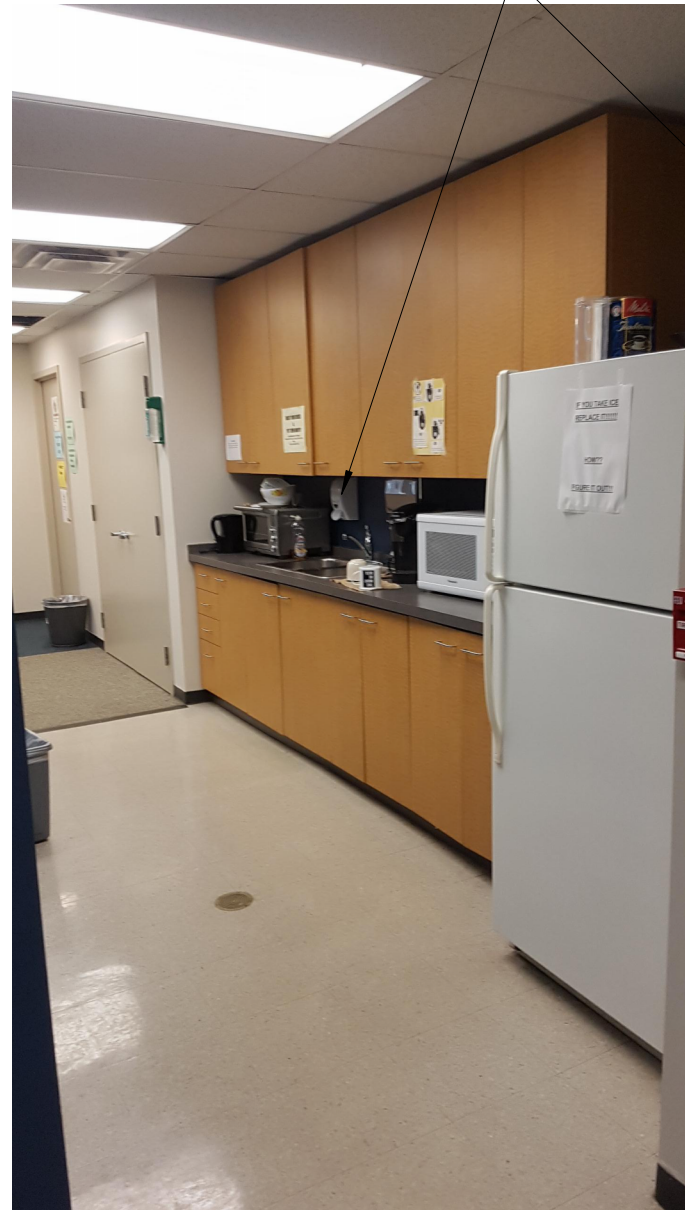


PHOTO 01 - KITCHENETTE(101) NORTH

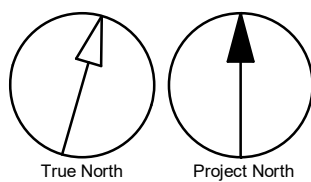
REMOVE EXISTING CEILING TO ACCOMMODATE NEW CEILING AND BULKHEAD TO MATCH EXISTING



PHOTO 02 - KITCHENETTE(101) SOUTH-1



PHOTO 02 - KITCHENETTE(101) SOUTH-2



| 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 CONTROL DEVICE | BFPB | PANIC DEVICE | | | |
| FIRST FLOOR | | | | | | | | | | | | | | | | |
| 102 | CORRIDOR | C | 1067 | 2120 | 45 | SCWD | PT-4 | TGL | HM | PT-4 | | BFWO | | NA | DOOR TGL 600X900 | |
| 103 | TRAINING ROOM | A | 1067 | 2135 | 45 | SCWD | PT-4 | - | HM | PT-4 | | BFWO | | NA | | |
| 112A | MEETING ROOM | As | 1067 | 2135 | 45 | SCWD | PT-4 | - | HM | PT-4 | | BFWO | | NA | REFER TO DETAIL 3/A6011 FOR ELEVATION. INSTALL NEW PRIVACY BLIND - REFER TO SPECIFICATIONS | |
| 112B | MEETING ROOM | As | 1067 | 2135 | 45 | SCWD | PT-4 | - | HM | PT-4 | | BFWO | | NA | REFER TO DETAIL 5/A6011 FOR ELEVATION. INSTALL NEW PRIVACY BLIND - REFER TO SPECIFICATIONS | |
| 116 | RECEPTION | Ets | 1067 | 2135 | 45 | IALUM | ANOD | ITGL | IALUM | ANOD | CR | BFPB / BFWO | PD | NA | REFER TO DETAIL 1/A6011 FOR ELEVATION. INSTALL NEW PRIVACY BLIND - REFER TO SPECIFICATIONS | |
| 117 | MAIL ROOM | C | 1067 | 2150 | 45 | HM | PT-4 | TGL | HM | PT-4 | | BFWO | | NA | DOOR TGL 600X900 | |
| 121 | OFFICE | As | 1067 | 2135 | 45 | SCWD | PT-4 | - | HM | PT-4 | | | | NA | REFER TO DETAIL 2/A6011 FOR ELEVATION. INSTALL NEW PRIVACY BLIND - REFER TO SPECIFICATIONS | |
| 126 | MEN'S WASHROOM | A(L) | 1067 | 2135 | 45 | SCWD | PT-4 | - | HM | PT-4 | | BFWO | | NA | | |
| 127 | WOMEN'S WASHROOM | A(L) | 1067 | 2135 | 45 | SCWD | PT-4 | - | HM | PT-4 | | BFWO | | NA | | |
| 128 | WOMEN'S CHANGE ROOM | A | 1067 | 2135 | 45 | SCWD | PT-4 | - | HM | PT-4 | | BFWO | | NA | | |
| 129 | MEN'S CHANGE ROOM | A | 1067 | 2135 | 45 | SCWD | PT-4 | - | HM | PT-4 | | BFWO | | NA | | |
| 130 | CORRIDOR | C | 1067 | 2135 | 45 | SCWD | PT-4 | TGL | HM | PT-4 | | BFWO | | NA | DOOR TGL 600X900 | |
| 131 | FITNESS ROOM | As | 1067 | 2135 | 45 | SCWD | PT-4 | - | HM | PT-4 | | BFWO | | NA | REFER TO DETAIL 4/A6011 FOR ELEVATION. INSTALL NEW PRIVACY BLIND - REFER TO SPECIFICATIONS | |
| NE-109 | STAIRS A | EXIST | EXIST | EXIST | EXIST | EXIST | EXIST | - | EXIST. | EXIST | | | | NA | EXIST. DOOR - REPLACE DOOR LATCHSET (REFER TO HARDWARE SCHEDULE) | |

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

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

- NOTE:**
- PROVIDE NEW PAINT ON BOTH SIDES OF THE WALL WHEN, AFFECTED BY CONSTRUCTION, TO MATCH THE EXISTING FINISHES AND COLOURS UNLESS OTHERWISE, SPECIFIED IN THE DRAWINGS OR IN ROOM FINISH SCHEDULE.

| ROOM FINISH SCHEDULE | | | | | | | | | | | | | | | | | | | |
|----------------------|---------------------|--------|--------------------|-------------|--------------------|------------|----------------------------------|------------|----------------------------------|------------|----------------------------|------------|----------------------------------|------------|--------|------------------------|---|--|---------|
| ROOM NUMBER | ROOM NAME | FLOOR | | BASE | | NORTH | | | | EAST | | SOUTH | | WEST | | CEILING | | | REMARKS |
| | | MAT. | FIN. | MAT. | FIN. | MAT. | FIN. | MAT. | FIN. | MAT. | FIN. | MAT. | FIN. | MAT. | FIN. | HEIGHT | | | |
| FIRST FLOOR | | | | | | | | | | | | | | | | | | | |
| 100 | STAIRS B | EXIST. | EXIST. | EXIST. | EXIST. PFT-7 | EXIST. | PT-3 | EXIST. | PT-3 | EXIST. | PT-3 | EXIST. | PT-3 | EXIST. | EXIST. | EXIST. | RETILE EXISTING BASE. WRAP TILES AROUND ALL SIDES AND TOP OF CURB. NEW TILE: PFT-7. PAINT STAIR GUARD, HANDRAIL AND STRINGER - PT-4. | | |
| 101 | KITCHENETTE | EXIST. | VCT-1 | EXIST. RB-1 | EXIST. PT-3 | EXIST. | PT-3 | EXIST. | PT-3 | EXIST. | Q-1, PT-3 | EXIST. | PT-3 | EXIST. ACT | - | 2415 (TO MATCH EXIST.) | | | |
| 102 | CORRIDOR | EXIST. | EXIST. | EXIST. | FT-1 | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | PT-3 | EXIST. | EXIST. | ACT | - | 2585 (TO MATCH EXIST.) | | | |
| 103 | TRAINING ROOM | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | PT-3 | EXIST. | PT-3 | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | | | |
| 112 | MEETING ROOM | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | PT-3 | EXIST. | EXIST. | EXIST. | PT-3 | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | | | |
| 114 | STAIRS A | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | PT-3 | EXIST. | PT-3 | EXIST. | PT-3 | EXIST. | EXIST. | EXIST. | REMOVE RUST, PRIME AND PAINT EXIST. RISERS - PT-3. PROTECT ADJACENT EXISTING FINISHES PRIOR TO PAINTING. PAINT STAIR GUARD, HANDRAIL AND STRINGER - PT-4. | | |
| 116 | RECEPTION | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | PT-3 | EXIST. | EXIST. | EXIST. | PT-3 | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | | | |
| 117 | MAIL ROOM | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | PT-3 | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | | | |
| 118 | CORRIDOR | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | PT-3 | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | | | |
| 121 | OFFICE | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | PT-3 | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | | | |
| 125 | RECEPTION | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | PT-3 | EXIST. | EXIST. PT-3 | EXIST. | PT-3 | EXIST. | EXIST. PT-3 | EXIST. | EXIST. | EXIST. | | | |
| 126 | MEN'S WASHROOM | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | PT-3 | EXIST. | PT-3 | EXIST. | PT-3 | EXIST. | PT-3 | EXIST. | EXIST. | EXIST. | | | |
| 127 | WOMEN'S WASHROOM | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | PT-3 | EXIST. | PT-3 | EXIST. | PT-3 | EXIST. | PT-3 | EXIST. | EXIST. | EXIST. | | | |
| 128 | WOMEN'S CHANGE ROOM | EXIST. | EXIST. PFT-2, SC-1 | EXIST. | EXIST. RB-1, CWT-4 | EXIST. GWB | EXIST. PT-3, CWT-1, CWT-3, CWT-4 | EXIST. GWB | EXIST. PT-3, CWT-1, CWT-3, CWT-4 | EXIST | EXIST. PT-3 | EXIST. GWB | EXIST. PT-3, CWT-1, CWT-3, CWT-4 | EXIST. GB | PT-2 | EXIST. 2090 | | | |
| 129 | MEN'S CHANGE ROOM | EXIST. | EXIST. PFT-2 | EXIST. | EXIST. RB-1, CWT-4 | EXIST. GWB | EXIST. PT-3, CWT-1, CWT-3, CWT-4 | EXIST. | EXIST. PT-3, CWT-1, CWT-3, CWT-4 | EXIST. GWB | EXIST. CWT-1, CWT-3, CWT-4 | EXIST. GB | EXIST. PT-2 | EXIST. GB | PT-2 | EXIST. 2090 | | | |
| 130 | CORRIDOR | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | PT-3 | EXIST. | PT-3 | EXIST. | PT-3 | EXIST. | PT-3 | EXIST. | EXIST. | EXIST. | | | |
| 131 | FITNESS ROOM | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | PT-3 | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | EXIST. | 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 | 1000mm X 1800mm (40"X72") | | FORBO | REQUEST NON-BEVELED EDGES |
| PFT-2 | PORCELAIN FLOOR TILE | MID GREY UNGLAZ | MATTE | 50mm X 50mm (2"X2") | MEETS DCOF | STONE TILE | SHOWER FLOOR TILE |
| PFT-7 | PORCELAIN FLOOR TILE | 5106 | MICRORELIEF R10/B (MR) | 101.6mm X 609.6mm (4"X24") | CORE COLLECTION SOLIDS | MOSA TILE | GC TO CUT TILES TO 101.6mm X 200mm PRIOR TO INSTALLATION |
| 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-2 | PAINT | OC-64 PURE WHITE | FLAT | N/A | | BENJAMIN MOORE | CEILINGS |
| PT-3 | PAINT | MATCH EXISTING PAINT | TBD | N/A | | BENJAMIN MOORE | GC TO PROVIDE SAMPLE ON 12"X12" CARD FOR APPROVAL. PAINT ENTIRE WALL OR CEILING AS SPECIFIED IN ROOM FINISH SCHEDULE. |
| PT-4 | PAINT | EBONY SLATE 2118-30 | EGGSHELL | N/A | | BENJAMIN MOORE | |
| Q-1 | QUARTZ | 5151 EMPIRE WHITE | N/A | AS SPECIFIED IN DRAWINGS | SUPERNATURAL COLLECTION | CAESARSTONE | FOR BACKSPLASH AND COUNTERTOPS |
| RB-1 | RUBBER WALL BASE | MATCH EXISTING | MATCH EXISTING | | | JOHNSONITE | |
| SC-1 | SEALED CONCRETE | | | | | | |
| VCT-1 | VINYL COMPOSITION TILE | COOL WHITE | FAST START | 305mm X 305mm (12"X12") | PREMIUM EXCELON CROWN TEXTURE | ARMSTRONG FLOORING | |

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CITY OF TORONTO



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

| | | |
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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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PROJECT TITLE
CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

160 DUNCAN MILL RD.

PROJECT NO:
9119-19-0162 / Arcadis 30279056

DRAWN BY:
C. LEE

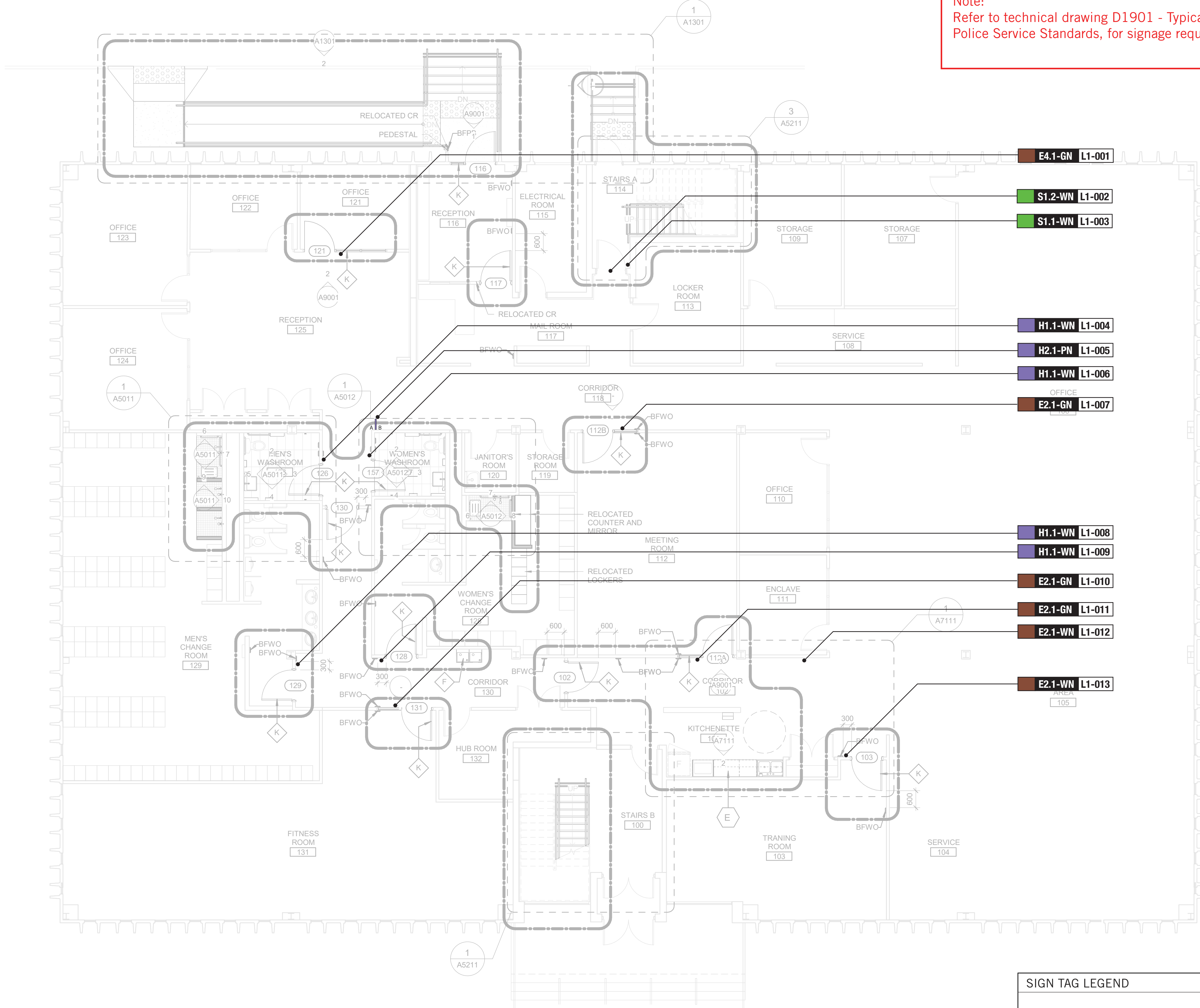
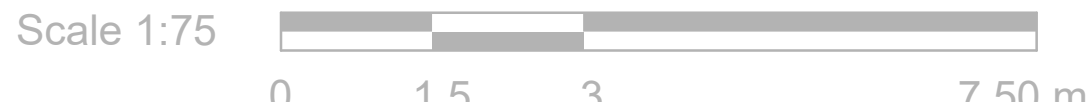
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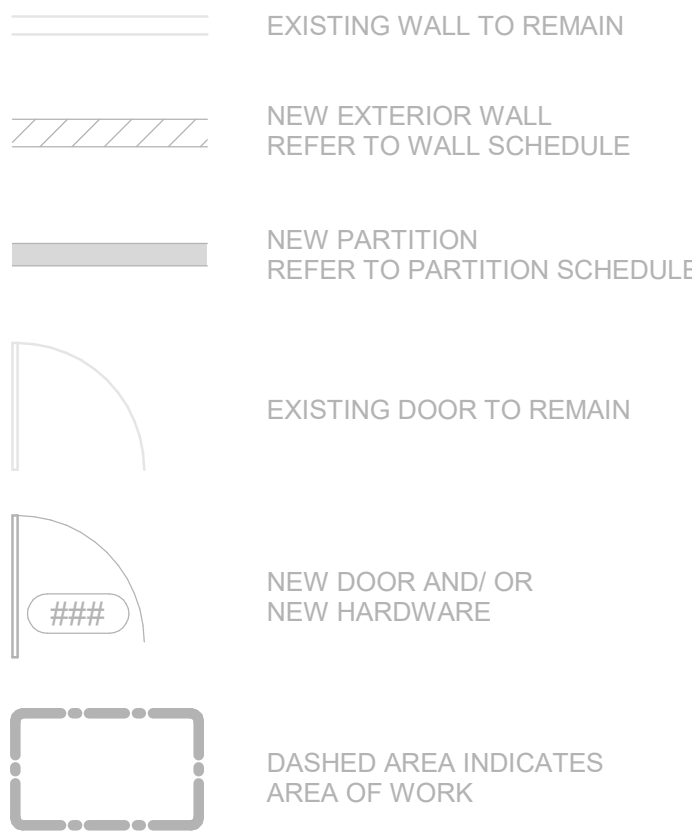
SHEET TITLE
DOOR AND ROOM
FINISH SCHEDULES

| | |
|-------------------------------|------------|
| SHEET NUMBER G05-083-A9001 | ISSUE D |
|-------------------------------|------------|



Note:
Refer to technical drawing D1901 - Typical Toronto
Police Service Standards, for signage requirements

CONSTRUCTION KEY LEGEND



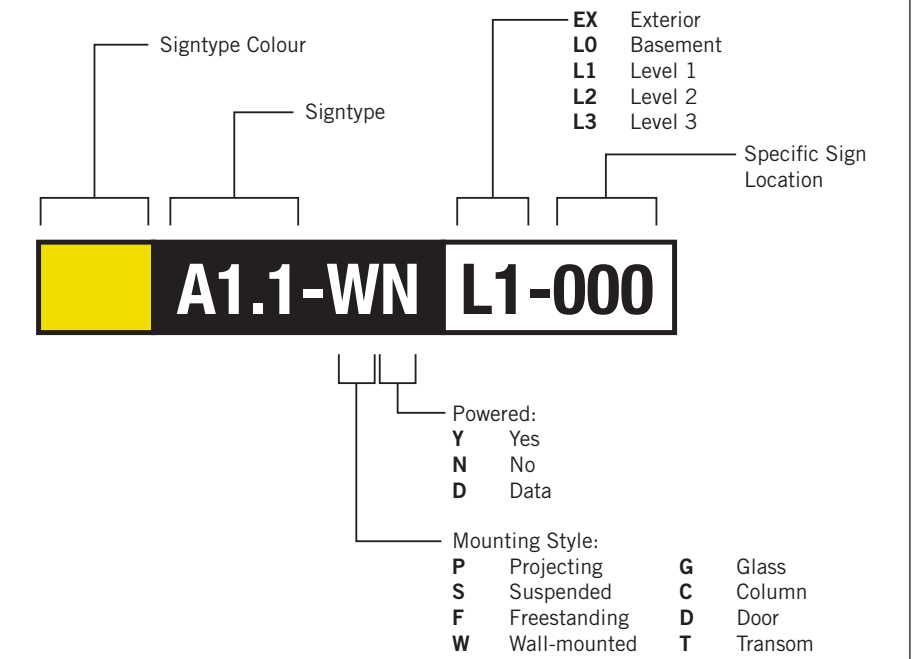
CONSTRUCTION GENERAL NOTES

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

CONSTRUCTION KEY NOTES

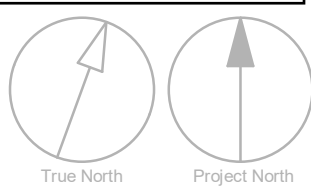
| NO | DESCRIPTION |
|----|---|
| E | CONSTRUCT NEW KITCHEN MILLWORK. REFER TO MILLWORK DETAILS 1/D1301, 2/D1301, 3/D1301, 4/D1301, 1/D1302, 2/D1302, 3/D1302, 4/1302, 5/D1302, 6/D1302, 8/D1302. |
| F | INSTALL DRINKING FOUNTAIN - REFER TO DETAIL 5/D1301, 6/1301. |
| K | INSTALL NEW DOOR AND FRAME. REFER 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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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**POLICE DETECTIVE SERVICES
160 DUNCAN MILL ROAD**

PROJECT NO:
9119 - 19 - 0162 / IBI 122260

DRAWN BY:
M. LOW

CHECKED BY:
C.D. SCHNOBB

PROJECT MGR:
R. DALY

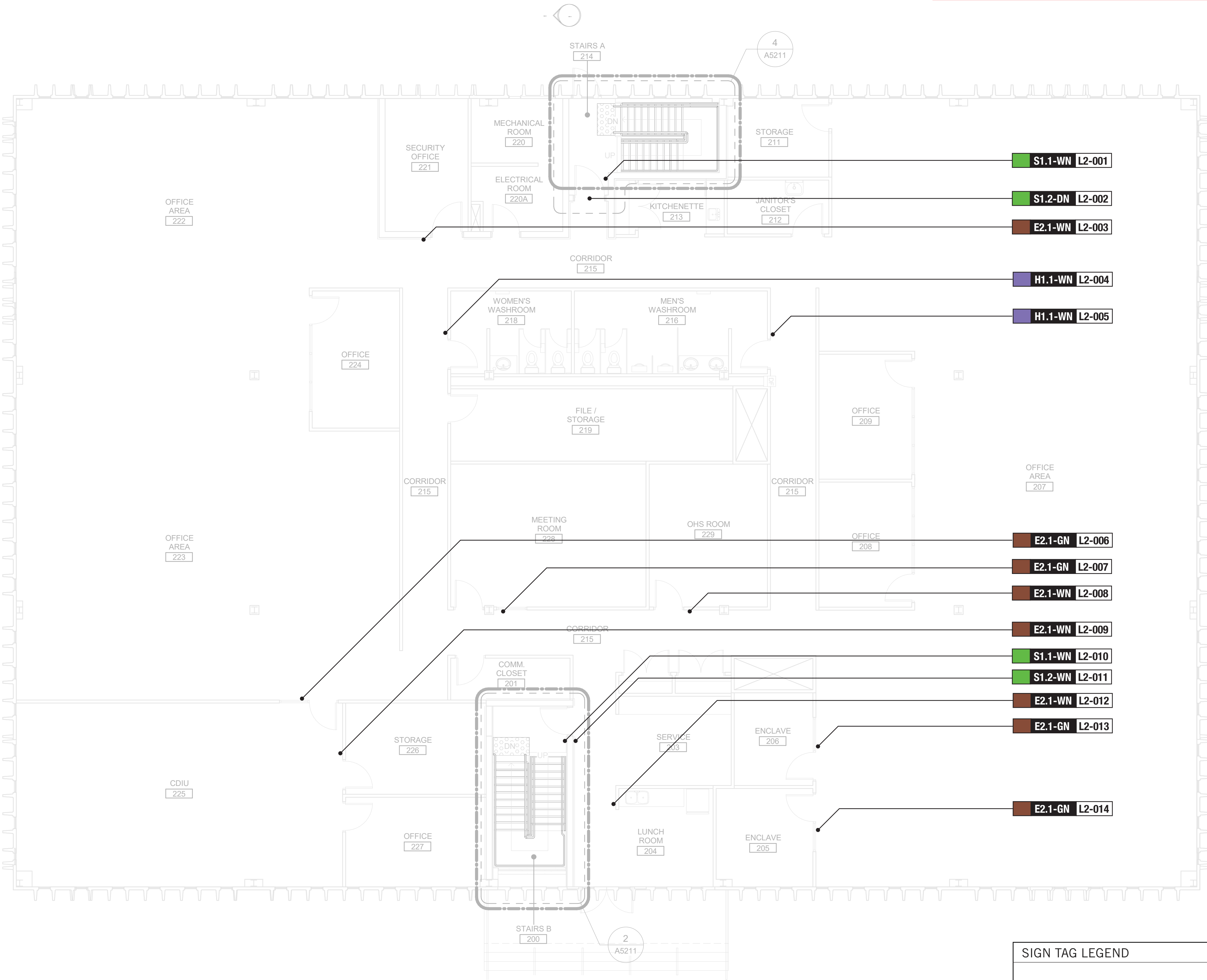
APPROVED BY:

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

SHEET NUMBER
G05-083-A8010

ISSUE
A

Note:
Refer to technical drawing D1901 - Typical Toronto Police Service Standards, for signage requirements



CONSTRUCTION KEY LEGEND

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

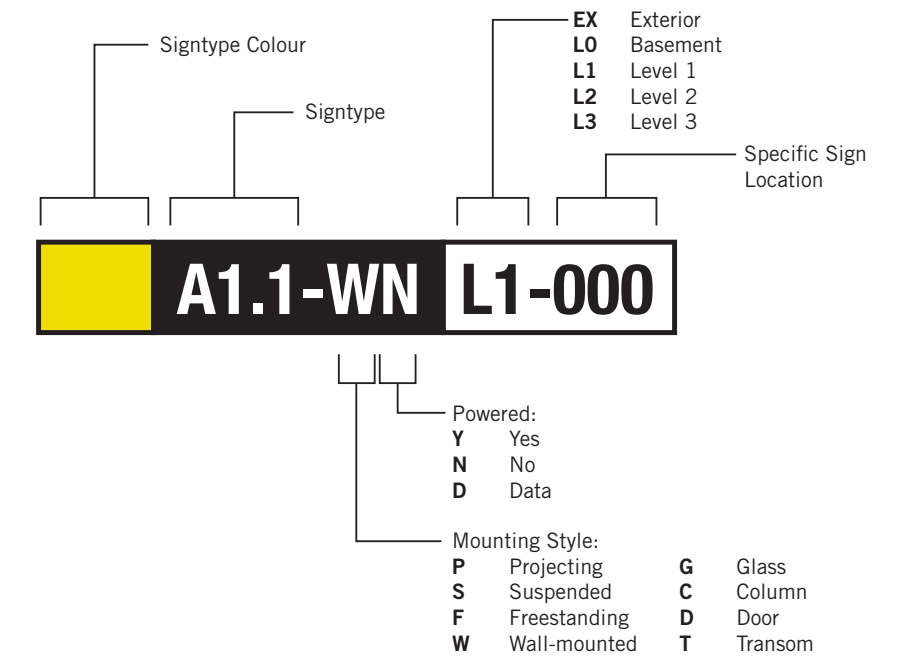
CONSTRUCTION GENERAL NOTES

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

CONSTRUCTION KEY NOTES

| NO | DESCRIPTION |
|----|-------------|
|----|-------------|

SIGN TAG LEGEND



SIGN TAG LEGEND

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

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PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

POLICE DETECTIVE SERVICES
160 DUNCAN MILL ROAD

PROJECT NO:
9119 - 19 - 0162 / IBI 122260

DRAWN BY:
M.LOW

CHECKED BY:
C.D. SCHNOBB

PROJECT MGR:
R. DALY

APPROVED BY:

SHEET TITLE

SIGNAGE & WAYFINDING
DETAILS
LEVEL 2 LOCATION PLAN

SHEET NUMBER

G05-083-A8020

ISSUE

A

KEYPLAN

L1


| SIGN CODE | LEVEL | LOC # | SIGN TYPE DESCRIPTION | SIDE A | SIDE B |
|-----------|-------|-------|-----------------------------|---|---|
| | | | | MESSAGE (English) | MESSAGE (English) |
| E4 | L1 | 001 | Insert Holder | [accessible picto] Dental Entrance Braille | |
| S1.2 | L1 | 002 | Stair ID - Corridor Side | [stairs picto] Floor 1 Braille Stairwell A 114 Braille | |
| S1.1 | L1 | 003 | Stair ID - Inside Stairwell | Floor 1 Braille Stairwell A 114 Braille | |
| H1.1 | L1 | 004 | Amenity ID | [accessible mens picto] Men Braille | |
| H2.1 | L1 | 005 | Projecting Amenity ID | [accessible universal changeroom picto] Washroom | [accessible universal changeroom picto] Washroom |
| H1.1 | L1 | 006 | Amenity ID | [accessible womens picto] Women Braille | |
| E2.1 | L1 | 007 | Room ID | Meeting Room Braille | |
| H1.1 | L1 | 008 | Amenity ID | [male changeroom picto] Men's Changeroom Braille | |
| H1.1 | L1 | 009 | Amenity ID | [female changeroom picto] Women's Changeroom Braille | |
| E2.1 | L1 | 010 | Room ID | Fitness Room Braille | |
| E2.1 | L1 | 011 | Room ID | Meeting Room Braille | |
| E2.1 | L1 | 012 | Room ID | Kitchenette Braille | |
| E2.1 | L1 | 013 | Room ID | Training Room Braille | |
| | | | | | |
| S1.1 | L2 | 001 | Stair ID - Inside Stairwell | Floor 2 Braille Stairwell A 214 Braille | |
| S1.2 | L2 | 002 | Stair ID - Corridor Side | [stairs picto] Floor 2 Braille Stairwell A 214 Braille | |
| E2.1 | L2 | 003 | Room ID | Security Braille | |

L2

| SIGN TYPE | SIGN TYPE DESCRIPTION | COUNT |
|-----------|--|-------|
| B1.1 | Directional | 0 |
| E2.1 | Room ID | 13 |
| E2.2 | Line Room ID | 0 |
| E4 | Insert Holder | 1 |
| H1.1 | Amenity ID | 6 |
| H2.1 | Projecting Amenity ID | 1 |
| J4.2 | Accessible Entrance ID - Exterior | 0 |
| S1.1 | Stair ID - Inside Stairwell | 3 |
| S1.2 | Stair ID - Corridor Side | 3 |
| S1.3 | Stair ID - Roof Exit, Inside Stairwell | 0 |
| S1.4 | Stair ID - Exterior Door | 0 |
| Total | | 27 |

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www.arcadis.com

PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

POLICE DETECTIVE SERVICES
160 DUNCAN MILL ROAD

PROJECT NO:

9119 - 19 - 0162 / IBI 122260

DRAWN BY:

M.LOW

CHECKED BY:

C.D. SCHNOBB

PROJECT MGR:

R. DALY

APPROVED BY:

SHEET TITLE

SIGNAGE & WAYFINDING
DETAILS
MESSAGE SCHEDULE

SHEET NUMBER

G05-083-A8100

ISSUE

A

C:\Users\lana.boyanlian\Desktop\TAU-G31 - 100 QUEEN ST WEST - CITY HALL.rvt

Scale Check

1 of 1

KEYPLAN

| SIGN CODE | LEVEL | LOC # | SIGN TYPE DESCRIPTION | SIDE A | SIDE B |
|-----------|-------|-------|-----------------------------|---|-------------------|
| | | | | MESSAGE (English) | MESSAGE (English) |
| H1.1 | L2 | 004 | Amenity ID | [female washroom picto] Women Braille | |
| H1.1 | L2 | 005 | Amenity ID | [male washroom picto] Men Braille | |
| E2.1 | L2 | 006 | | CDIU Braille | |
| E2.1 | L2 | 007 | Room ID | Meeting Room Braille | |
| E2.1 | L2 | 008 | Room ID | OHS Room Braille | |
| E2.1 | L2 | 009 | Room ID | Storage Braille | |
| S1.1 | L2 | 010 | Stair ID - Inside Stairwell | Floor 2 Braille Stairwell B 200 Braille | |
| S1.2 | L2 | 011 | Stair ID - Corridor Side | [stairs picto] Floor 2 Braille Stairwell B 200 Braille | |
| E2.1 | L2 | 012 | Room ID | Lunchroom Braille | |
| E2.1 | L2 | 013 | Room ID | Enclave Braille | |
| E2.1 | L2 | 014 | Room ID | Enclave Braille | |

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PROJECT TITLE
CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS
POLICE DETECTIVE SERVICES
160 DUNCAN MILL ROAD

PROJECT NO:
9119 – 19 – 0162 / IBI 122260

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

SHEET TITLE
SIGNAGE & WAYFINDING
DETAILS
MESSAGE SCHEDULE

| | |
|-------------------------------|------------|
| SHEET NUMBER G05-083-A8101 | ISSUE A |
|-------------------------------|------------|

| Sheet List | |
|-----------------|---------------------------------|
| Sheet Number | Sheet Name |
| 06 - Structural | |
| S0001 | DRAWING LIST |
| S2000 | DEMOLITION PLAN |
| S2401 | SITE PLAN |
| S5601 | RAMPS - PLANS, SECTION, DETAILS |

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| D | ISSUED FOR TENDER | 2022-12-07 |
| E | ISSUED FOR TENDER | 2025-04-11 |

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PROJECT TITLE
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PROJECT ADDRESS

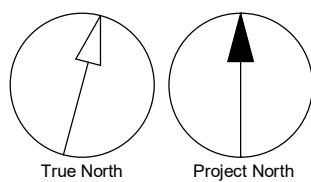
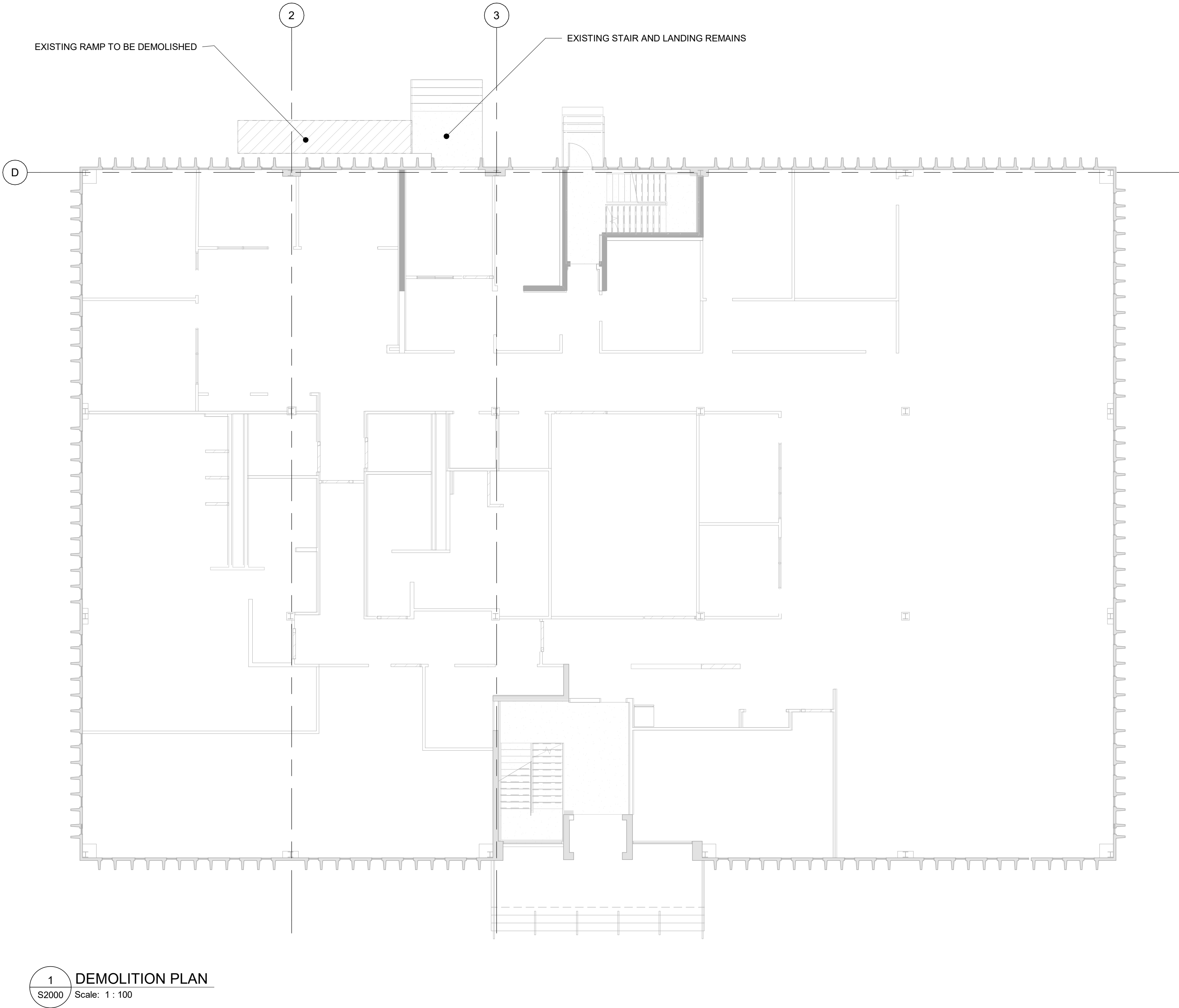
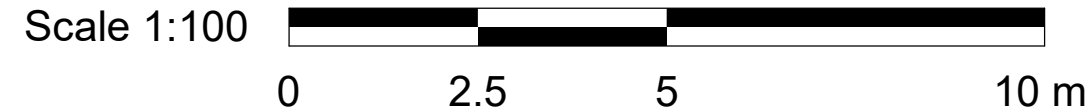
BUILDING
160 DUNCAN MILL RD.

| | |
|--|--------------------------|
| 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
DRAWING LIST

| | |
|-------------------------------|------------|
| SHEET NUMBER G05-083-S0001 | ISSUE E |
|-------------------------------|------------|

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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

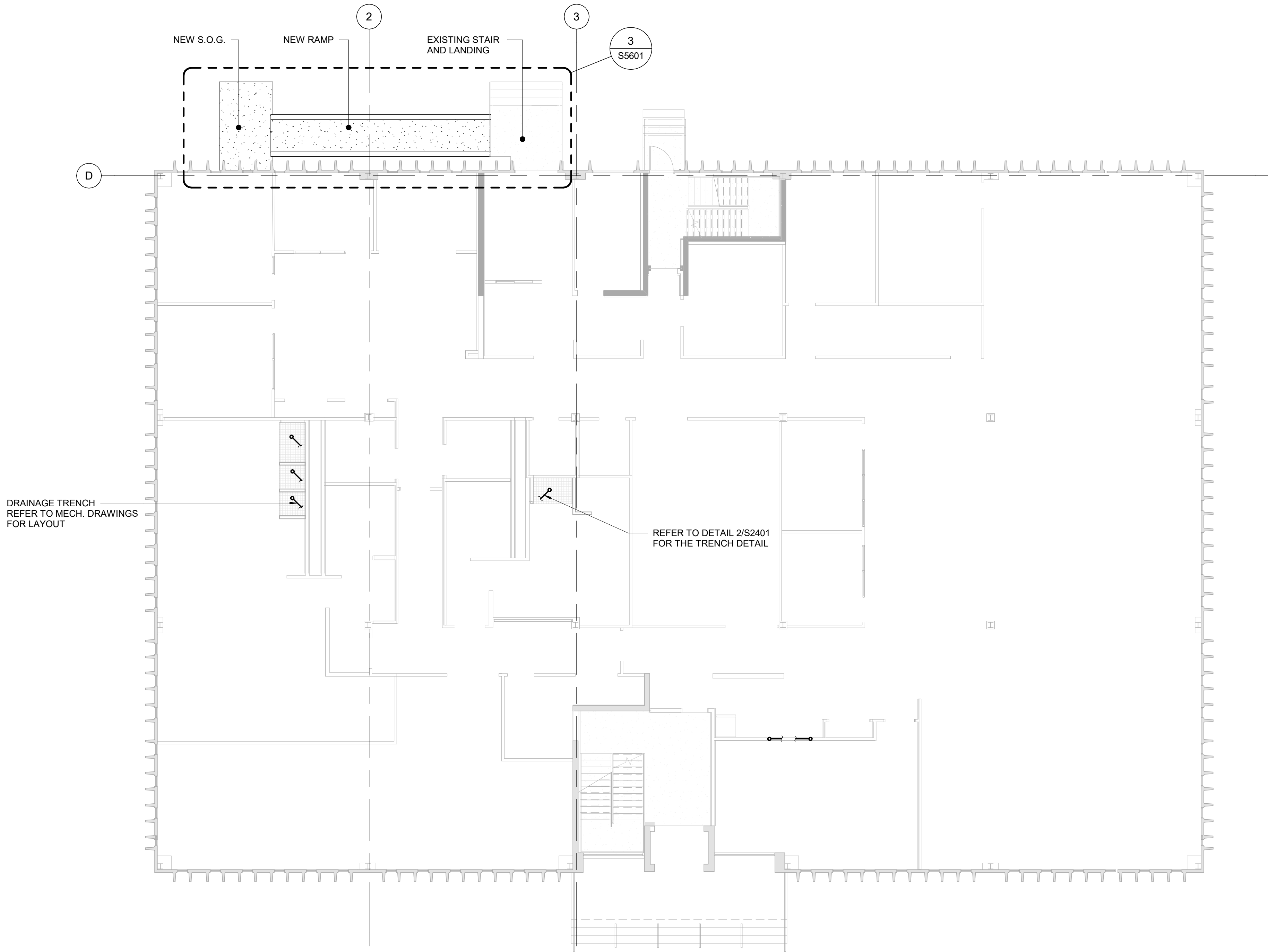
**BUILDING
160 DUNCAN MILL RD.**

| | |
|--|---------------------------------|
| 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
DEMOLITION PLAN

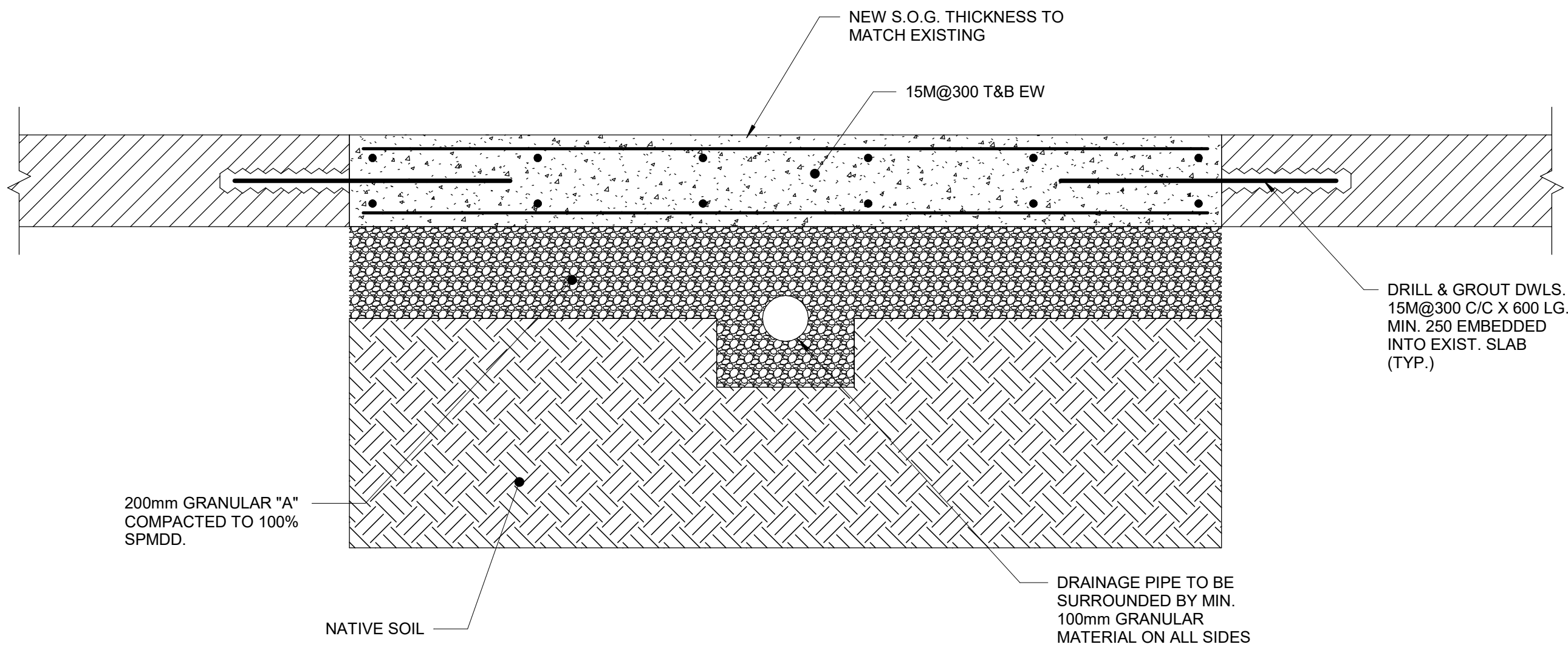
| | |
|--------------------------------------|-------------------|
| SHEET NUMBER G05-083-S2000 | ISSUE B |
|--------------------------------------|-------------------|

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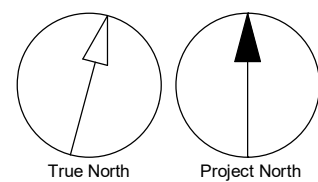


1 FIRST FLOOR
S2401 Scale: 1 : 100

NOTE:
1. SLAB TO BE CONSIDERED AS SLAB ON GRADE AND THERE IS NO BASEMENT.
IBI STRUCTURAL ENGINEER TO BE NOTIFIED IN ANY DIFFERING CASES.
2. CONTRACTOR TO ENSURE THERE IS NO DAMAGE TO THE REMAINING PORTION OF THE SLAB.



2 TRENCH DETAIL IN EXISTING SLAB - OPTION 2
S2401 Scale: 1 : 10



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PROJECT TITLE
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PROJECT ADDRESS

**BUILDING
160 DUNCAN MILL RD.**

PROJECT NO:
9119-19-0162 / Arcadis 30279056

DRAWN BY:
L. CHATZIGIANNAKOS

CHECKED BY:
M. FAYAZI

PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
K. ANGER

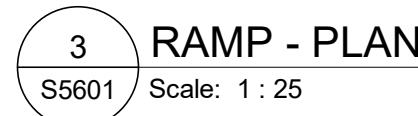
SHEET TITLE
SITE PLAN

SHEET NUMBER

G05-083-S2401

ISSUE

E



| | |
|---------------|-------|
| SHEET NUMBER | ISSUE |
| G05-083-S5601 | E |

| MECHANICAL DRAWING LIST | |
|-------------------------|--------------------------------|
| Sheet Number | Sheet Name |
| M0001 | MECHANICAL DRAWING LIST |
| M1101 | DEMOLITION PLAN - GROUND FLOOR |
| M2101 | PLUMBING - GROUND FLOOR |
| M3101 | DRAINAGE - GROUND FLOOR |
| M5101 | HVAC - GROUND FLOOR |

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PROJECT TITLE
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PROJECT ADDRESS

BUILDING
160 DUNCAN MILL RD.

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 G05-083-M0001 | ISSUE D |
|-------------------------------|------------|

4/28/2025 10:44:47 AM

EXISTING PNEUMATIC
THERMOSTAT TO BE REMOVED
AND RELOCATED, REFER TO DWG.
M5101 FOR NEW LOCATION

EXISTING HYDRONIC HEATER
TO REMAIN

EXISTING LAVATORY MANUAL
OPERATED FAUCET TO BE
REPLACED WITH NEW

EXISTING FIRE EXTINGUISHER
WITH WALL MOUNTING
BRACKET TO BE RELOCATED,
REFER TO DWG. M5101 FOR
NEW LOCATION

EXISTING LAVATORY MANUAL
OPERATED FAUCET TO BE
REPLACED WITH NEW

EXISTING SHOWER HEAD / VALVE
SYSTEM AND BRANCH PIPING TO BE
REMOVED AND CAP BACK TO MAIN
TO MAKE GOOD FINISH, REPLACE
EXISTING SHOWER DRAIN WITH
NEW, CONTRACTOR SHALL VERIFY
EXACT SAN INVERT, LOCATION AND
LAYOUT ON SITE (TYP FOR 3 IN
ROOM 129)

EXISTING SHOWER HEAD / VALVE
SYSETM AND BRANCH PIPING TO
BE REMOVED AND CAP BACK TO
MAIN TO MAKE GOOD FINISH,
REPLACE EXISTING SHOWER
DRAIN WITH NEW, CONTRACTOR
SHALL VERIFY EXACT SAN INVERT,
LOCATION AND LAYOUT ON SITE

EXISTING THERMOSTAT TO BE
REMOVED AND RELOCATED,
REFER TO DWG. M5101 FOR NEW
LOCATION

EXISTING DRINKING FOUNTIAN
TO BE REPLACED WITH NEW

EXISTING THERMOSTAT TO BE
REMOVED AND RELOCATED,
REFER TO DWG. M5101 FOR NEW
LOCATION

EXISTING DCW SERVING FRIDGE ICE
MAKER C/W FILTER TO BE MODIFIED /
EXTENDED TO SUIT NEW SINK

EXISTING SAN FROM ABOVE CONNECTED
TO EXISTING SINK DRAIN, CONTRACTOR
SHALL VERIFY EXACT EXISTING SAN
LAYOUT, MODIFY PIPING AND RE-CONNECT
TO EXISTING SAN IN WALL

EXISTING SINK TO BE REMOVED,
MODIFY/EXTEND EXISTING PIPING TO
SUIT NEW LOCATION

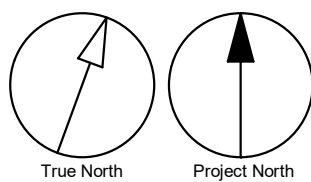
1
M1101
Scale: 1 : 75

GROUND FLOOR - DEMOLITION

Scale 1:75

0 1.5 3 7.50 m

- 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
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

**BUILDING
160 DUNCAN MILL RD.**

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
G05-083-M1101

ISSUE
D

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10mm

SCALE CHECK
1 in

4/28/2025 10:44:48 AM

PROVIDE NEW SENSOR OPERATED FAUCET FOR EXISTING LAVATORY. NEW FAUCET MODEL REFER TO MECH SPEC 22 42 00 PER FAUCET MODEL OF 'L1H'. PROVIDE STAINLESS STEEL DECK PLATE FOR FAUCET MOUNTING. INSULATE ALL EXPOSED PIPES UNDER LAVATORY

PROVIDE NEW SHOWER HEAD AND VALVE C/W 13Ø DCW & DHW LINES CONNECTED TO EXISTING MAIN LINES IN PIPE CHASE (TYP FOR 3 IN ROOM 129)

PROVIDE NEW SENSOR OPERATED FAUCET FOR EXISTING LAVATORY. NEW FAUCET MODEL REFER TO MECH SPEC 22 42 00 PER FAUCET MODEL OF 'L1H'. PROVIDE STAINLESS STEEL DECK PLATE FOR FAUCET MOUNTING. INSULATE ALL EXPOSED PIPES UNDER LAVATORY

PROVIDE NEW 13Ø DCW & DHW LINES CONNECTED TO EXISTING MAIN LINES IN PIPE CHASE FOR NEW SHOWER SYSTEM

PROVIDE NEW SHOWER HEAD AND VALVE C/W 13Ø DCW & DHW LINES

PROVIDE NEW DRINKING FOUNTAIN REPLACE EXISTING. MODIFY/EXTEND ASSOCIATED DCW & SAN AND REPLACE EXISTING MOUNTING CARRIER TO SUIT NEW MODEL WHEN REQUIRED

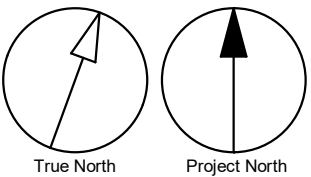
PROVIDE NEW SINK C/W 13Ø DCW & DHW LINES CONNECT TO EXISTING SUPPLIES SERVING EXISTING SINK. CONTRACTOR TO VERIFY EXACT EXISTING LOCATION AND LAYOUT ON SITE

EXTEND/MODIFY EXISTING FRIDGE ICE MAKER LINE FROM NEW DCW SERVING SINK. RE-INSTALL ICE MAKER DCW INLINE FILTER UNDER SINK NEAR WALL

1 GROUND FLOOR - PLUMBING
M2101 Scale: 1 : 75



- GENERAL NOTES:
- REFER TO SPECIFICATIONS FOR PLUMBING FIXTURE UNIT TYPES.
 - ALL NEW FIXTURES TO BE FITTED WITH ISOLATION VALVES.



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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

**BUILDING
160 DUNCAN MILL RD.**

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**

SHEET NUMBER
G05-083-M2101

ISSUE
D

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11m

4/28/2025 10:44:49 AM

INSULATE ALL EXPOSED PIPES UNDER LAVATORY

PROVIDE NEW FLOOR DRAIN C/W 750 SAN LINE. CONTRACTOR SHALL VERIFY EXACT EXISTING SAN INVERT, LOCATION AND SIZE. REPLACE EXISTING BRANCH LINE WITH NEW WHEN REQUIRED (TYP. FOR 3 IN ROOM 129)

INSULATE ALL EXPOSED PIPES UNDER LAVATORY

PROVIDE NEW FLOOR DRAIN C/W 750 SAN LINE. CONTRACTOR SHALL VERIFY EXACT EXISTING SAN INVERT, LOCATION AND SIZE. REPLACE EXISTING BRANCH LINE WITH NEW WHEN REQUIRED

PROVIDE NEW DRINKING FOUNTAIN REPLACE EXISTING. MODIFY/EXTEND ASSOCIATED DCW & SAN AND REPLACE EXISTING MOUNTING CARRIER TO SUIT NEW MODEL WHEN REQUIRED

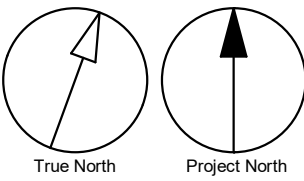
PROVIDE NEW SINK C/W 500 SAN LINE CONNECT TO EXISTING SANITARY MAIN LINE IN WALL NEARBY. CONTRACTOR SHALL VERIFY EXACT EXISTING SAN LAYOUT. MODIFY / EXTEND EXISTING PIPE WHEN REQUIRED

RE-CONNECT EXISTING SAN FROM ABOVE CONNECTED TO EXISTING SANITARY MAIN LINE IN WALL NEARBY. CONTRACTOR SHALL VERIFY EXACT EXISTING SAN LAYOUT. MODIFY / EXTEND EXISTING PIPE WHEN REQUIRED

1 GROUND FLOOR - DRAINAGE
M3101 Scale: 1 : 75



- 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 75mmØ UNLESS OTHERWISE NOTED.



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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

**BUILDING
160 DUNCAN MILL RD.**

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**

SHEET NUMBER

G05-083-M3101

ISSUE

D

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10mm

SCALE CHECK
1 in

RE-INSTALL EXISTING PNEUMATIC THERMOSTAT TO 1200MM ABOVE FINISHED FLOOR. REPLACE EXISTING WIRING/TUBING AND RE-CALIBRATE THERMOSAT WHEN REQUIRED

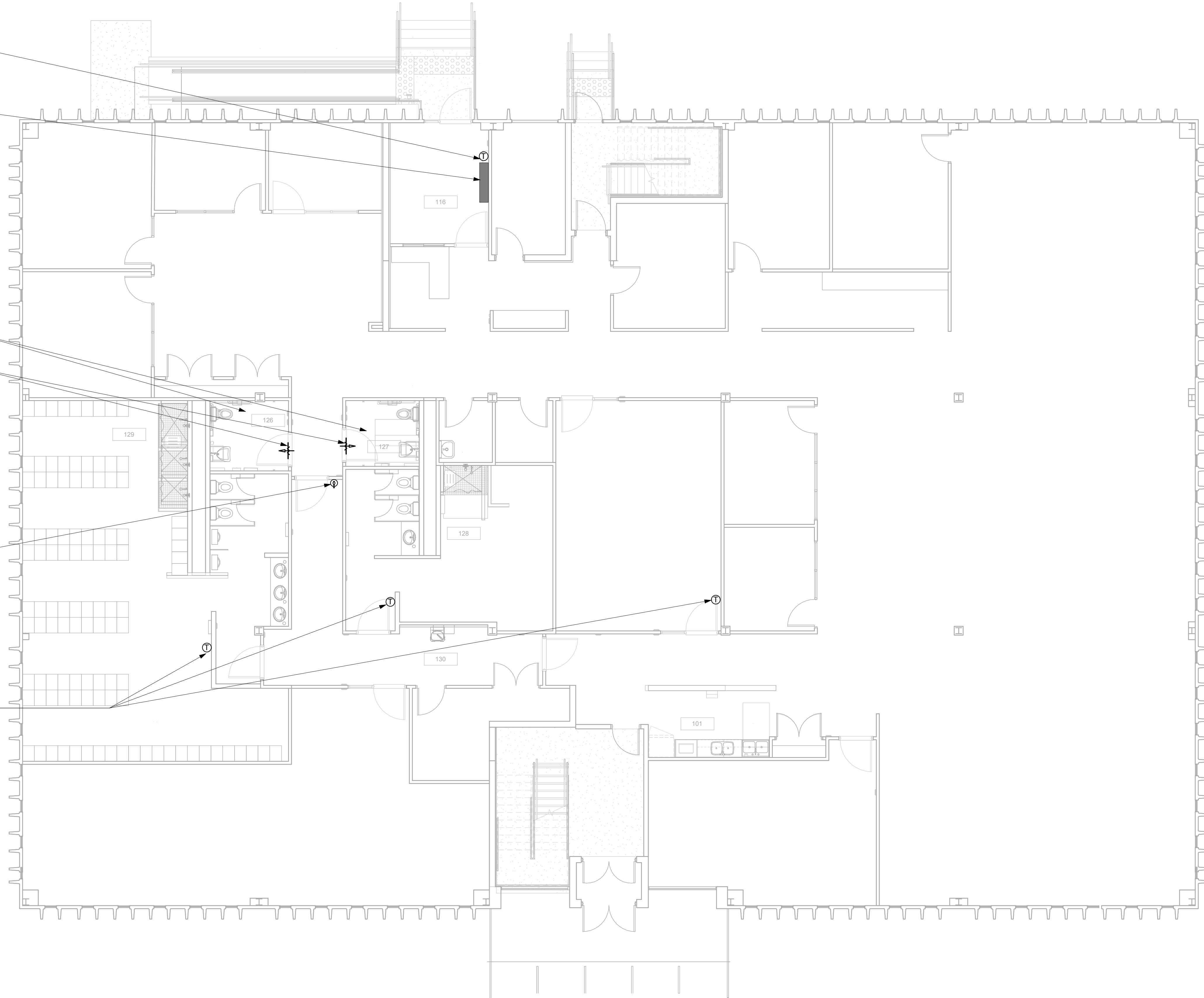
EXISTING HYDRONIC HEATER TO REMAIN

EXISTING EXHAUSY SYSTEM TO REMAIN

PROVIDE NEW 500X250 DOOR GRILLE

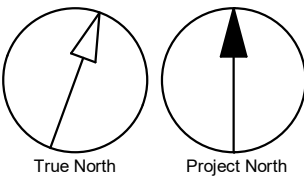
RE-INSTALL EXISTING FIRE EXTINGUISHER WITH WALL MOUNTING BRACKET

RE-INSTALL EXISTING THERMOSTAT TO 1200MM ABOVE FINISHED FLOOR. REPLACE EXISTING WIRING/TUBING AND RE-CALIBRATE THERMOSAT WHEN REQUIRED



1 GROUND FLOOR - HVAC
M5101 / Scale: 1 : 75

- GENERAL NOTES:
1. ADD AND ADJUST DUCTS TO FIT NEW DIFFUSERS/GRILLES.
 2. THERMOSTATS TO BE MOUNTED AT 1200mm A.F.F.



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| D | ISSUED FOR TENDER | 2025-04-18 |

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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

**BUILDING
160 DUNCAN MILL RD.**

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

SHEET NUMBER
G05-083-M5101

ISSUE
D





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

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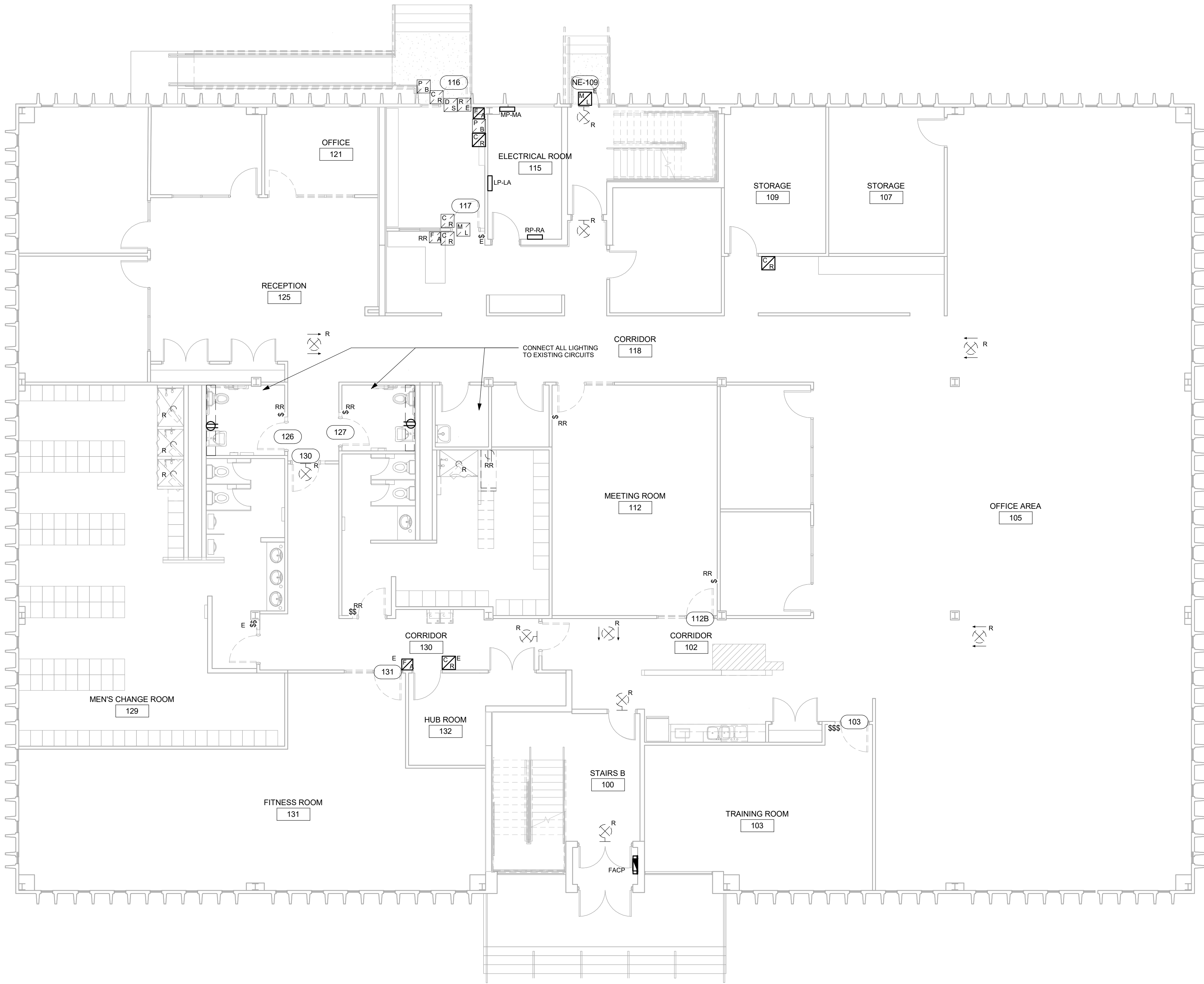
PROJECT ADDRESS

BUILDING
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| 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
DRAWING LIST

| | |
|-------------------------------|------------|
| SHEET NUMBER G05-083-E0000 | ISSUE E |
|-------------------------------|------------|



1 POWER AND SYSTEMS DEMOLITION PLAN 1ST FLOOR
E1101 Scale: 1 : 75

- NOTES:
1. REMOVE EXISTING EXIT SIGNS AND PREPARE WIRING FOR REPLACEMENTS IN SAME LOCATIONS. TYPICAL FOR 9

Scale 1:100

0 2.5 5 10 m

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**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

BUILDING
160 DUNCAN MILL RD.

PROJECT NO:
9119-19-0162 / Arcadis 30279056

DRAWN BY:
Author

CHECKED BY:
Checker

PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
Approver

SHEET TITLE

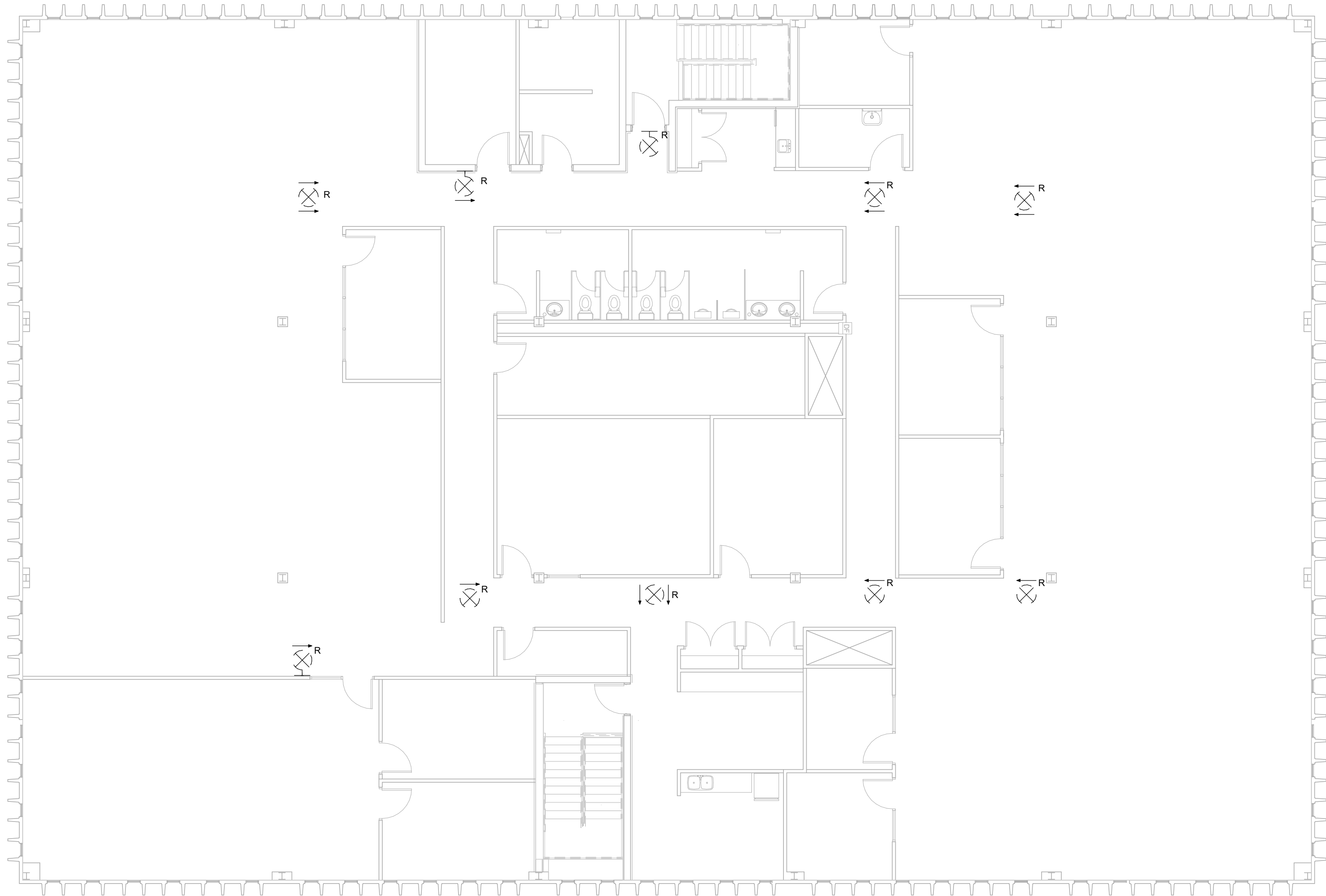
**ELECTRICAL
DEMOLITION PLAN 1ST
FLOOR**

SHEET NUMBER

G05-083-E1101

ISSUE

E



1 POWER & SYSTEMS DEMOLITION PLAN 2ND FLOOR
E1102 Scale: 1 : 100

- NOTES:
1. REMOVE EXISTING EXIT SIGNS AND PREPARE WIRING FOR NEW REPLACEMENTS IN SAME LOCATIONS. TYPICAL FOR 10



2025-05-07 9:14:00 AM

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SHEET TITLE

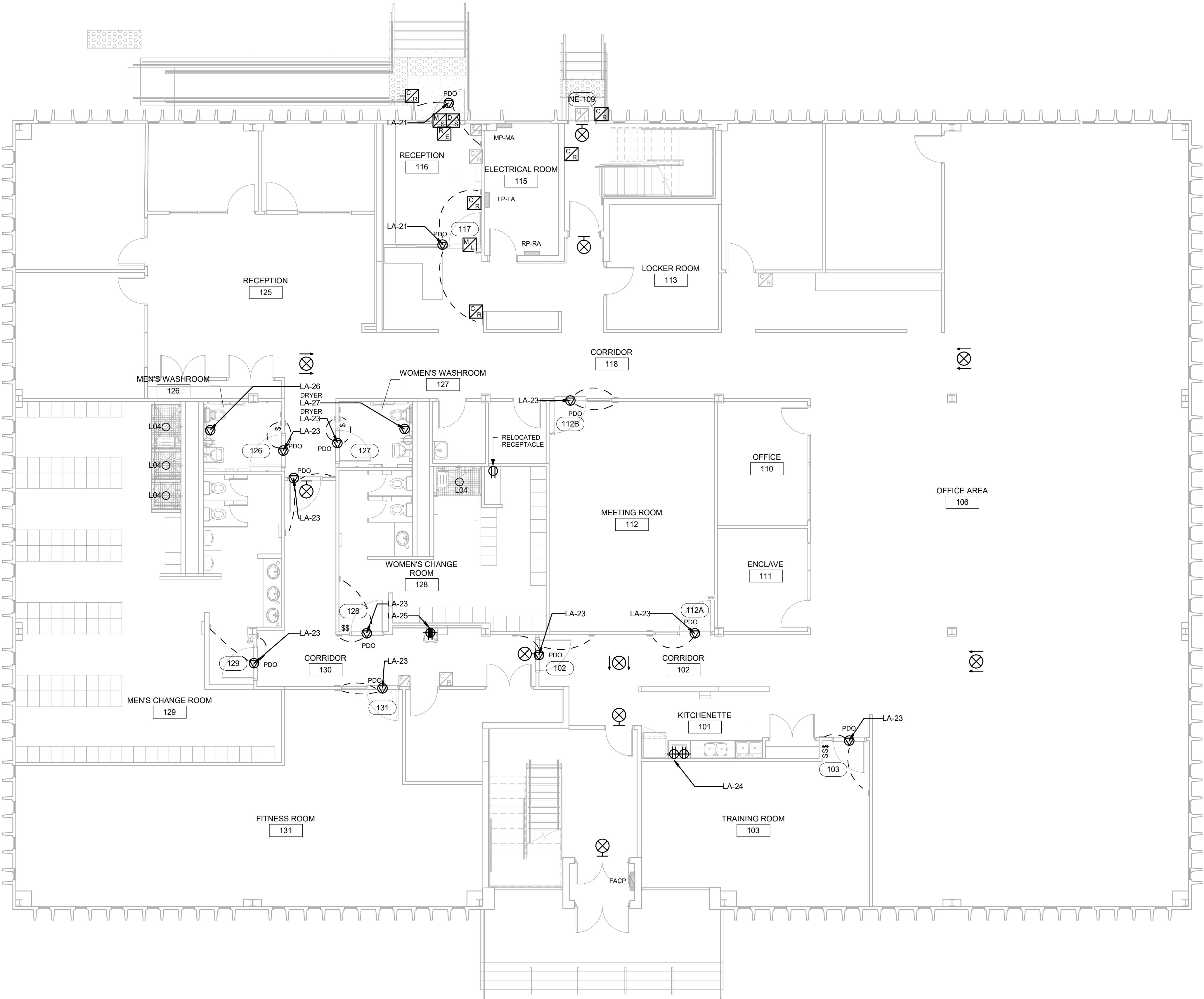
**ELECTRICAL
DEMOLITION PLAN 2ND
FLOOR**

| | |
|----------------------|----------|
| SHEET NUMBER | ISSUE |
| G05-083-E1102 | E |

Autodesk Docs // 122260 - Cot TAU Upgrades R02020122260-TAU-S-63-160DKNML-E-R20.rvt

10mm

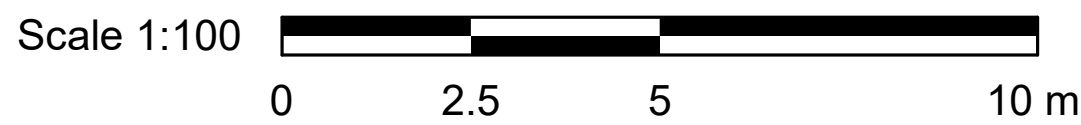
SCALE CHECK
1 m



1 POWER & SYSTEMS PLAN 1ST FLOOR
E2101 Scale: 1 : 75

NOTES:

- CIRCUITS SHOWN ARE FOR GROUPING PURPOSES ONLY. PROVIDE NEW 15A BREAKERS IN EXISTING PANEL AS NOTED.
- PROVIDE ALL ROUGH-IN/CONDUIT/WIRING FOR NEW DOOR & SECURITY HARDWARE AS INDICATED. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS.
- PROVIDE NEW X01 TYPE EXIT SIGNS IN SAME LOCATIONS AS EXISTING. RE-CONNECT TO EXISTING WIRING.



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**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

BUILDING
160 DUNCAN MILL RD.

PROJECT NO:
9119-19-0162 / Arcadis 30279056

DRAWN BY:
M. BOJIC

CHECKED BY:
P. WILLIAMS

PROJECT MGR:
F. BOLOURIAN

APPROVED BY:
P. WILLIAMS

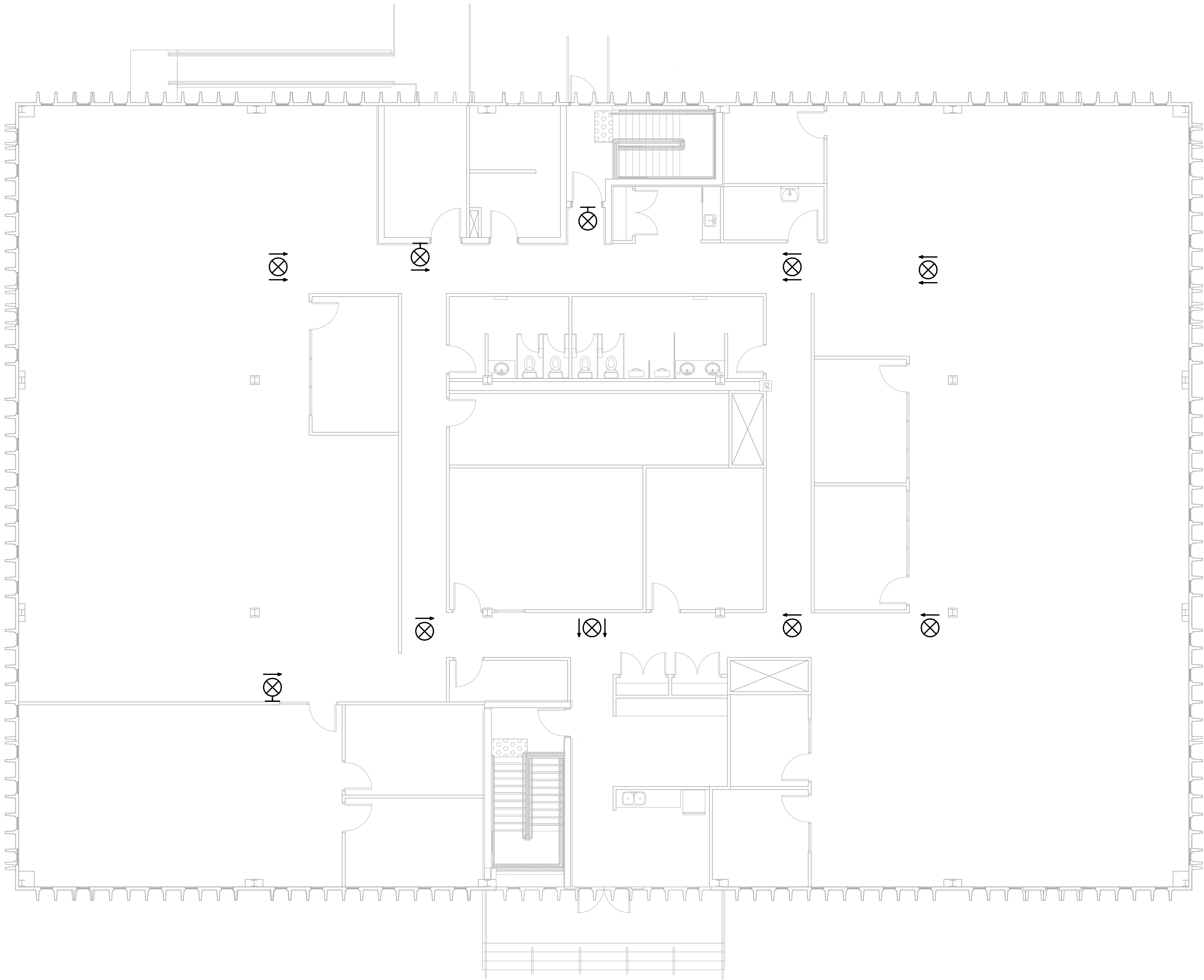
SHEET TITLE
**POWER & SYSTEMS
PLAN 1ST FLOOR**

SHEET NUMBER

G05-083-E2101

ISSUE

E



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

- NOTES:
1. PROVIDE NEW X01 TYPE EXIT SIGNS IN SAME LOCATIONS AS EXISTING. RE-CONNECT TO EXISTING WIRING.



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SHEET TITLE
POWER & SYSTEMS
PLAN 2ND FLOOR

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10mm

SCALE CHECK
1 m