

TOWN OF PEACE RIVER

PEACE RIVER TOWN HALL - FRONT ENTRANCE ACCESSIBILITY

PEACE RIVER, ALBERTA



ARCHITECTURAL
BR2 ARCHITECTURE

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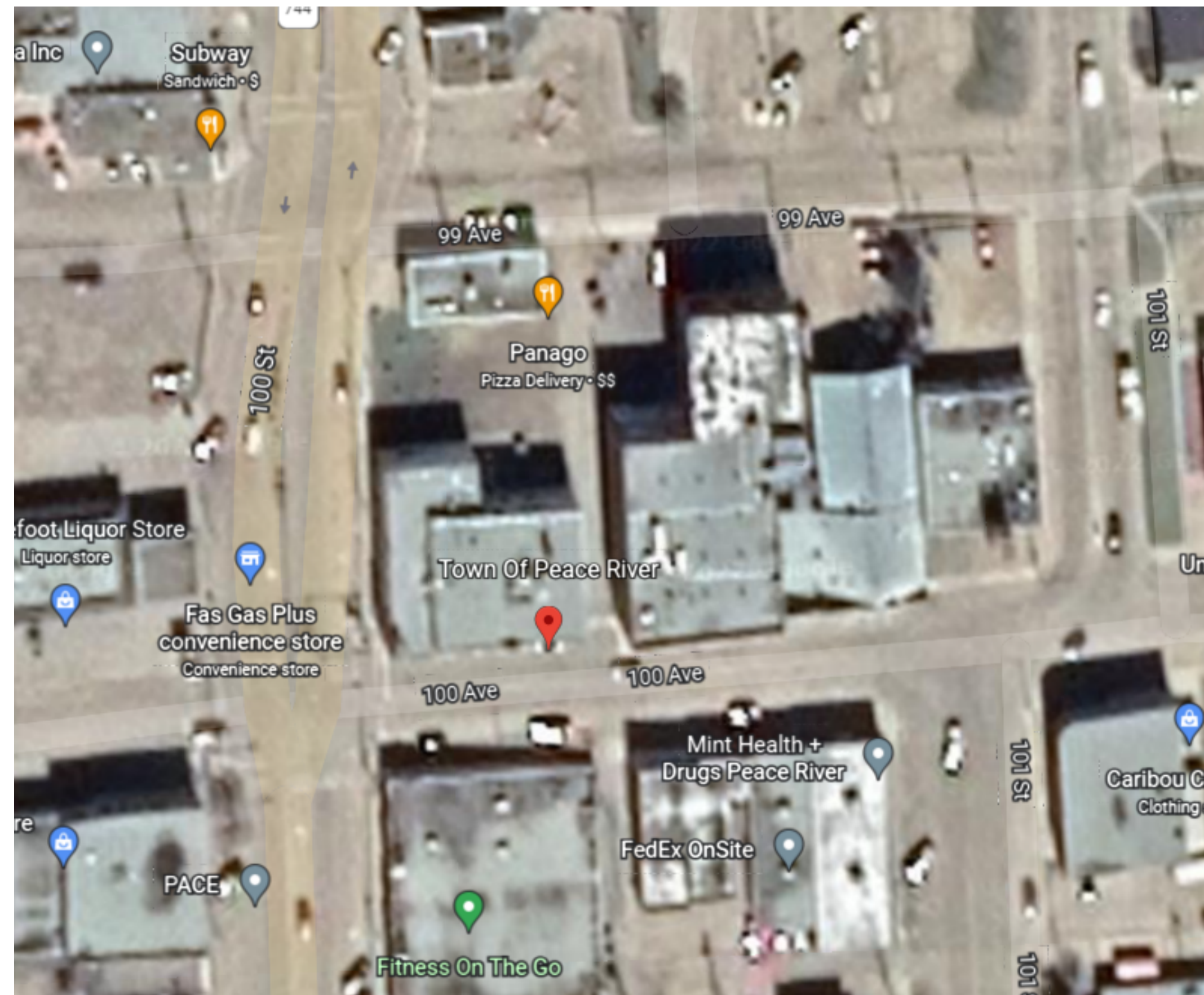


ELECTRICAL
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A001 LEGENDS & ASSEMBLIES
A020 LEVEL ONE/TWO CODE PLAN
A030 LEVEL THREE/FOUR CODE PLAN
D201 LEVEL ONE/TWO DEMOLITION FLOOR PLAN
A201 OVERALL LEVEL ONE/TWO FLOOR PLAN
A610 STAIR AND HANDRAIL DETAILS

E01 LEVEL ONE/TWO - POWER/LV PLAN
E02 LEVEL THREE/FOUR - POWER/LV PLAN
E03 ELECTRICAL NOTES/SCHEMATICS



NOTES TO INTERIOR PARTITIONS AND FURRING PARTITION TYPES

- REFER TO PARTITION CONSTRUCTION TYPES. THE ORDER OF MATERIAL COMPONENTS LISTED FOR EACH PARTITION TYPE CORRESPONDS DIRECTLY TO THE SIDE THAT EACH PARTITION IS REFERENCED FROM ON FLOOR PLANS.
- PARTITION REQUIRED TO HAVE A FIRE SEPARATION PROVIDE FIRE RATED TYPE 'X' GYPSUM BOARD.
- ALL PARTITIONS INDICATED TO BE CONSTRUCTED WITH A "FIRE SEPARATION" SHALL EXTEND FULL HEIGHT TO THE UNDERSIDE OF FLOOR OR ROOF STRUCTURE AND BE FIRE STOPPED WITH A U.L.C. APPROVED FIRE-STOPPING MATERIAL C/W FIRE SEALANT BOTH SIDES. ADD FIRE RATED GYPSUM TO CAVITIES OF DUCT LOCATIONS FIRE EXTINGUISHER CABINET, ELECTRICAL PANELS AND ALL ITEMS NOTED AS RECESSED.
- ALL PENETRATIONS THROUGH PARTITIONS REQUIRED TO BE CONSTRUCTED AS A FIRE SEPARATION SHALL BE FIRE STOPPED WITH A U.L.C. LISTED FIRE-STOPPING MATERIAL C/W FIRE SEALANT BOTH SIDES. THE RATING TO BE EQUIVALENT TO THAT REQUIRED FOR THE PARTITION.
- ALL PARTITIONS THAT EXTEND FULL HEIGHT TO UNDERSIDE OF FLOOR, ROOF SLAB STRUCTURAL SUPPORT OR STEEL DECK (COMPLETE WITH DECK FLUTE CLOSER) ABOVE SHALL BE CONSTRUCTED WITH THE TOP STUD TRACK SET INTO A 50mm DEEP DEFLECTION TRACK WHICH WILL ALLOW FOR 25mm VERTICAL DEFLECTION. AT PARTITIONS WITH FIRE RESISTANCE RATING, U.L.C. LISTED FIRE STOPPING MATERIAL SHALL BE PLACED BETWEEN THE DOUBLE TOP TRACKS C/W FIRE SEALANT BOTH SIDES. AT PARTITIONS WITH AN ACOUSTIC RATING, BATT INSULATION SHALL BE PLACED BETWEEN THE DOUBLE TOP TRACKS C/W ACOUSTIC SEALANT BOTH SIDES.
- PARTITIONS WITH ACOUSTIC BATT INSULATION:**
 - ALL JOINTS FOR OVERLAPPING GYPSUM BOARD TO BE STAGGERED
 - TOP OF PARTITION SHALL BE COMPLETELY SEALED (TO BOTH SIDES OF WALL) WITH NON-HARDENING ACOUSTICAL CAULKING TO METAL DECK ABOVE. GYPSUM BOARD TO BE CUT TO FIT CONTOURS OF METAL DECKING
 - BOTTOM OF PARTITION SHALL BE COMPLETELY SEALED WITH THREE CONTINUOUS BEADS OF NON-HARDENING ACOUSTICAL CAULKING BETWEEN STEEL BOTTOM TRACK AND FLOOR. FULL CONTINUOUS NON-HARDENING ACOUSTICAL CAULKING TO BE PROVIDED AT GAP BETWEEN GYPSUM BOARD AND FLOOR FOR EACH LAYER OF GYPSUM BOARD TO BOTH SIDES OF WALL
 - ACOUSTIC BATT INSULATION TO A MINIMUM WIDTH OF TWO STUD CAVITIES INTO ADJACENT ROOMS TO BE USED AT WALL JOINTS/CORNERS WHERE CAVITIES ARE FORMED WITHIN THE GYPSUM BOARD COMPLETE WITH CONTINUOUS NON-HARDENING ACOUSTICAL CAULKING SEAL AT GYPSUM BOARD CORNER/JOINT TERMINATIONS
- THE SOUND ATTENUATION BATT INSULATION AS INDICATED IN PARTITION TYPES WHICH ARE IN FIRE RATED PARTITIONS ARE TO BE OF MINERAL FIBRE INSULATION.
- WHERE INDICATED ON ELECTRICAL DRAWINGS, PROVIDE 19mm PLYWOOD BACKING TO SIZES NOTED FOR TELEPHONES AND SURFACE MOUNTED ELECTRICAL PANELS UNLESS NOTED OTHERWISE.
- ISOLATE ALL MECHANICAL PIPES FROM INTERIOR PARTITIONS TO AVOID ACOUSTIC NOISE TRANSFER.
- PROVIDE SOLID BLOCKING IN GYPSUM BOARD PARTITIONS FOR ATTACHMENT OF EQUIPMENT, FIXTURES, HANDRAILS, LADDERS, ETC.
- ALL NEW CONDUIT, PIPING, AND OTHER SERVICE LINES LOCATED ON MECHANICAL AND ELECTRICAL DRAWINGS AT NEW PARTITIONS WALLS ARE TO BE INSTALLED WITHIN STUD FRAMING INSIDE PARTITION ASSEMBLY.

FLOOR PLAN LEGEND

- BFDO BARRIER FREE ELECTRIC DOOR OPERATOR (IN) OR (OUT)
- CA CARD ACCESS
- EP ELECTRICAL PANEL
- FAP FIRE ANNUNCIATOR PANEL

NOTES TO FLOOR PLAN LEGEND:

- PROVIDE METAL ANCHOR PLATES AND PLYWOOD BACKING IN STUD PARTITIONS FOR ALL IN CONTRACT AND NOT IN CONTRACT WALL MOUNTED ITEMS AND EQUIPMENT.
- PLYWOOD BACKING IS REQUIRED AT BOTH IN CONTRACT AND NOT IN CONTRACT WALL MOUNTED ACCESSORIES, ITEMS, SIGNAGE, AND EQUIPMENT.
- COORDINATE EXACT LOCATION AND SIZE OF ALL OWNER SUPPLIED WALL MOUNTED ITEMS PRIOR TO INSTALLATION OR ITEM OR ADJACENT ITEMS
- PROVIDE ALL REQUIRED MECHANICAL AND ELECTRICAL ROUGH-INS FOR ALL IN CONTRACT AND NOT IN CONTRACT ITEMS AND EQUIPMENT

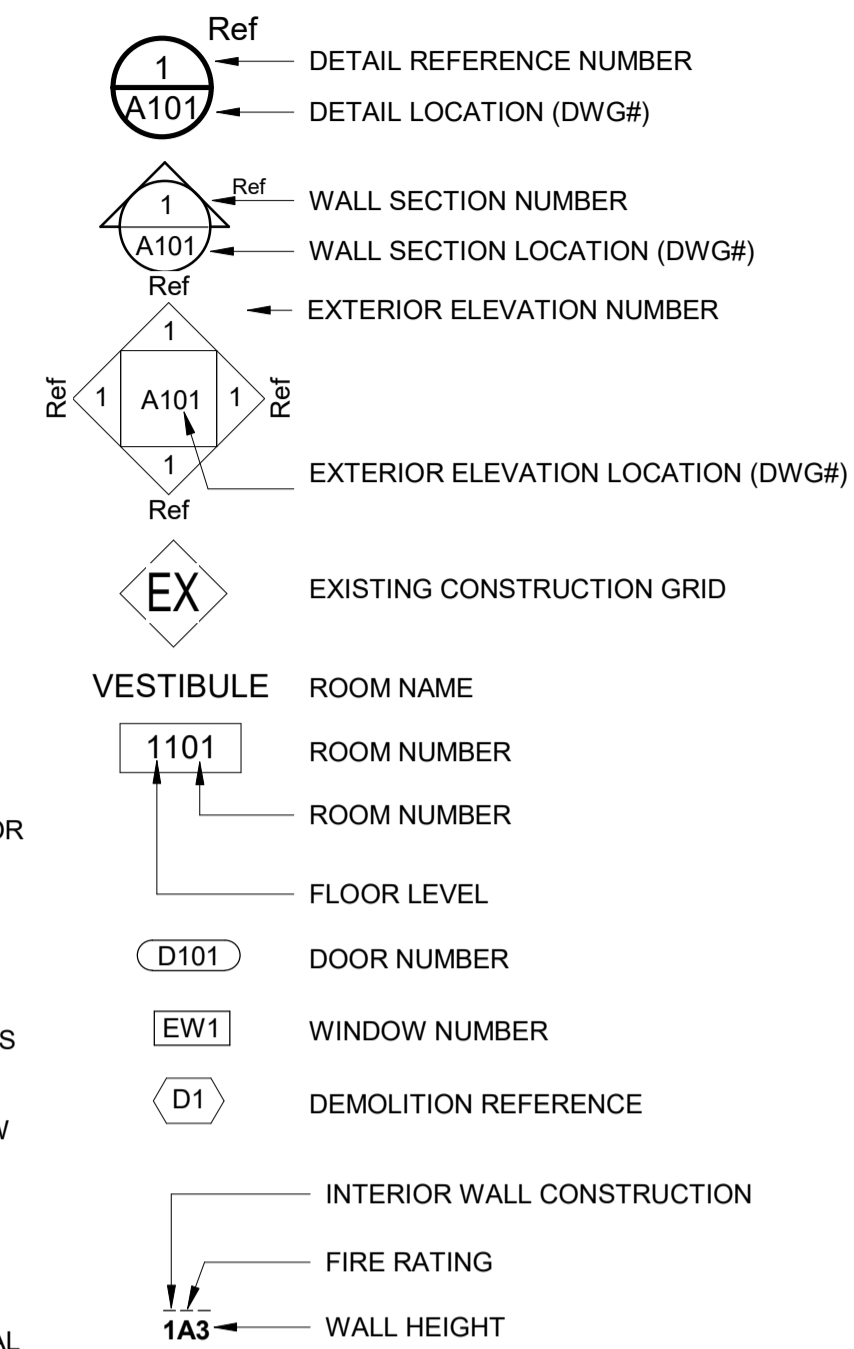
GENERAL DEMOLITION NOTES:

- PATCH AND REPAIR EXISTING FLOOR AFTER COMPLETION OF DEMOLITION WORK TO BE MADE SUITABLE FOR NEW USE OR TO ACCOMMODATE NEW FLOOR FINISHES OR SUBSTRATE.
- FILL ALL DEPRESSIONS, HOLES, OR SIMILAR VOIDS IN THE EXISTING FLOOR TO PROVIDE AN ACCEPTABLE FINISH FOR THE NEW FLOORING MATERIALS OR SUBSTRATE
- PATCH AND REPAIR ALL DRYWALL AND CEILING FINISHES DAMAGED DURING DEMOLITION.
- REMOVE, REPLACE OR MODIFY ALL EXISTING COMPONENTS AND ATTACHMENTS NO LONGER REQUIRED AND IN CONFLICT WITH NEW CONSTRUCTION.
- ALL SURFACES VACATED OR EXPOSED AFTER REMOVAL OF EXISTING MATERIALS AND COMPONENTS TO BE REPAIRED AND MADE SUITABLE FOR NEW USE OR NEW SUBSTRATE OR FINISH
- REMOVE AND REPLACE EXISTING CEILING OR FLOORING MATERIAL AS REQUIRED FOR THE INSTALLATION OF MECHANICAL OR ELECTRICAL.
- PATCH, REPAIR, AND LEVEL FLOOR SURFACE ON EACH SIDE OF WALLS TO ACHIEVE A LEVEL SURFACE AT LOCATION OF REMOVED PARTITION WALLS.
- ALL DIMENSIONS, DETAILS, AND CONDITIONS, ARE DERIVED FROM THE ORIGINAL DRAWINGS AND SHALL BE CHECKED BY THE CONTRACTOR. ANY DISCREPANCY OR CONFLICT SHALL BE REPORTED TO THE DESIGNER FOR PROPER CLARIFICATION
- CAREFULLY REMOVE AND DISMANTLE EXISTING COMPONENTS THAT ARE TO BE REUSED AND TRANSFERRED.
- ALL EXISTING WALLS ARE TO BE PATCHED AND REPAIRED TO MAKE CONTINUOUS.
- TEMPORARILY RELOCATE OR MOVE EXISTING ITEMS AND COMPONENTS AS REQUIRED TO FACILITATE DEMOLITION WORK

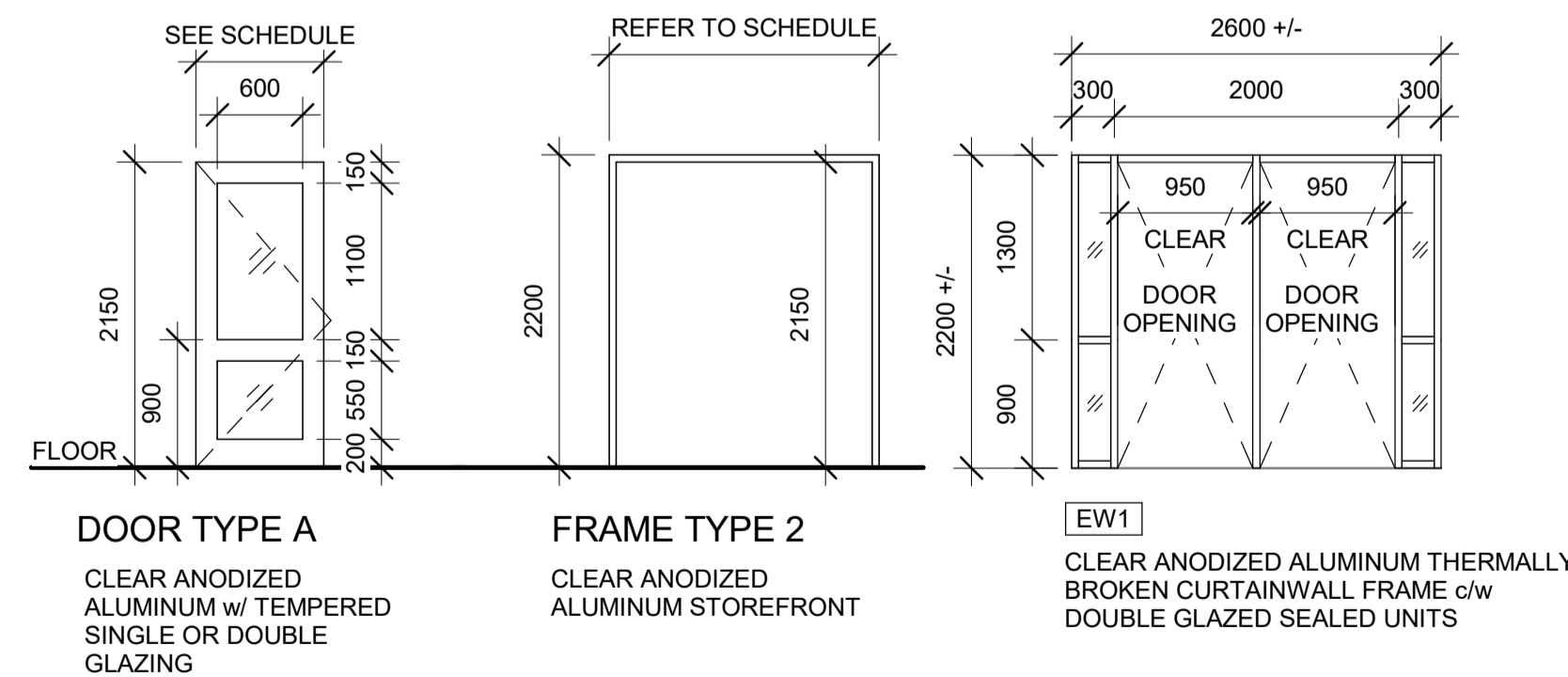
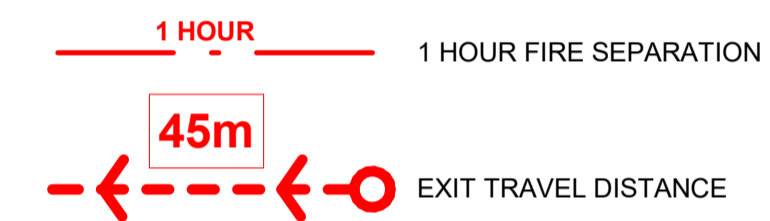
FACILITY USAGE DURING CONSTRUCTION:

- THE EXISTING FACILITY WILL REMAIN FULLY OPERATIONAL THROUGHOUT THE CONSTRUCTION PERIOD.
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- THE GENERAL CONTRACTOR SHALL ERECT A SECURE FENCE TO ISOLATE ALL CONSTRUCTION ACTIVITIES FROM ADJACENT AREAS, INCLUDING LAY-DOW AND CONTRACTOR SITE OFFICE AND SITE STORAGE FACILITIES.
- THE GENERAL CONTRACTOR SHALL ERECT FULL HEIGHT, DUST PROOF HOARDING BETWEEN THE EXISTING OPERATIONAL FACILITY AREAS AND THE CONSTRUCTION AREAS AND MAINTAIN FIRE SEPARATIONS AND SOUND RATING. INTERIOR HOARDING SHALL BE AT A MINIMUM 13mm PAINTED GYPSUM BOARD ON STEEL STUD FRAMING FILLED WITH ACOUSTIC BATT INSULATION. AT THE DISCRETION OF THE OWNER, IF HOARDING WALL IS NOT REQUIRED TO PROVIDE ACOUSTICAL SEPARATION, ACOUSTIC BATT INSULATION IS NOT REQUIRED WITHIN WALL(S). CONTRACTOR ACCESS THROUGH INTERIOR HOARDING SHALL BE SECURED AT ALL TIMES TO PREVENT PUBLIC FROM ENTERING CONSTRUCTION AREA. CONTRACTOR ACCESS INTO THE CONSTRUCTION AREA SHALL NOT BE THROUGH THE EXISTING OPERATIONAL FACILITY WITHOUT THE WRITTEN APPROVAL OF THE CLIENT.

SYMBOLS LEGEND



FIRE SEPARATION LEGEND



OVERALL SCHEDULE - DOOR AND FRAME																			
Door NO.	Opening		Quantity	Type	Door					Glass	Type	Frame					Fire Rating	Hardware Group	Remarks
	From Room NO.	To Room NO.			Width	Height	Thickness	Material	Finish			Width	Height	Material	Finish	Glass			
37		37	1	Type A	950	2150	45	AL	CA	Type 3	EW1	950	2150	AL	CA	Type 3	NA	001	Insulated aluminum door, part of glass curtainwall, weatherstripping
37A	37	63	1	Type A	915	2150	45	AL	CA	Type 2	2	850	2150	AL	CA	NA	NA	002	Aluminum door, part of glass curtainwall



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PROJECT
PEACE RIVER TOWN HALL - FRONT ENTRANCE ACCESSIBILITY

SHEET TITLE
LEGENDS & ASSEMBLIES

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BR2	SV
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221334	2023-05-02 11:20:23 AM

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BUILDING CODE REVIEW

BUILDING CLASSIFICATION ALBERTA BUILDING CODE:
 MAIN OCCUPANCY -3.2.62 GROUP D, UP TO 2 STOREYS

BUILDING AREA:

BASEMENT FLOOR BUILDING AREA - 807m²
 MAIN FLOOR BUILDING AREA - 785 m²
 SECOND FLOOR BUILDING AREA - 807m²

BUILDING HEIGHT:

MAXIMUM BUILDING HEIGHT: 2 STOREYS
 ACTUAL BUILDING HEIGHT: 2 STOREYS

NUMBER OF STREETS FACING:

2

SPRINKLERS:

NOT PROVIDED (EXISTING CONDITION)

OCCUPANCY:

120

COMPONENT FIRE SEPERATION:

JANITORS ROOMS: PER ARTICLE 3.3.1.21(3) - 1 HOUR
 FUEL FIRED APPLIANCE SERVICE ROOMS: PER ARTICLE 3.6.2.1(1) - 1 HOUR SEPERATION
 STAIRS: - 1 HOUR SEPERATION

TYPE OF CONSTRUCTION:

NON COMBUSTIBLE

ACCESS FOR FIREFIGHTING:

PER ARTICLE 3.2.5.5(1) - ACCESS REQUIRED TO PRINCIPLE ENTRANCE WITHIN 3m AND 15m. A FIRE DEPARTMENT CONNECTION AND A HYDRANT TO BE LOCATED IN CONFORMANCE WITH ARTICLE 3.2.5.5(2) SHALL BE PROVIDED.

EXITING AND MEANS OF EGRESS:

TRAVEL DISTANCE TO EXITS: PER ARTICLE 3.4.2.5.(b) - 40m MAXIMUM

CORRIDORS:

CORRIDOR WIDTH: PER ARTICLE 3.3.1.9(1) - MINIMUM CORRIDOR WIDTH - 1100mm
 DEAD END CORRIDOR: PER ARTICLE 3.3.1.9(7) - 6m MAX. DEAD END CORRIDOR LENGTH

FIRE ALARM AND DETECTION SYSTEMS:

PER ARTICLE 3.2.4.1(1) - A FIRE ALARM SYSTEM SHALL BE INSTALLED IN A BUILDING IN WHICH AN AUTOMATIC SPRINKLER SYSTEM IS INSTALLED.

WASHROOM FACILITIES:

OCCUPANCY = 166 (83 MALE, 83 FEMALE)
 PER ARTICLE 3.7.2.2 TABLE (C) OR ASSEMBLY OCCUPANCIES AND STAFF OCCUPANCIES.

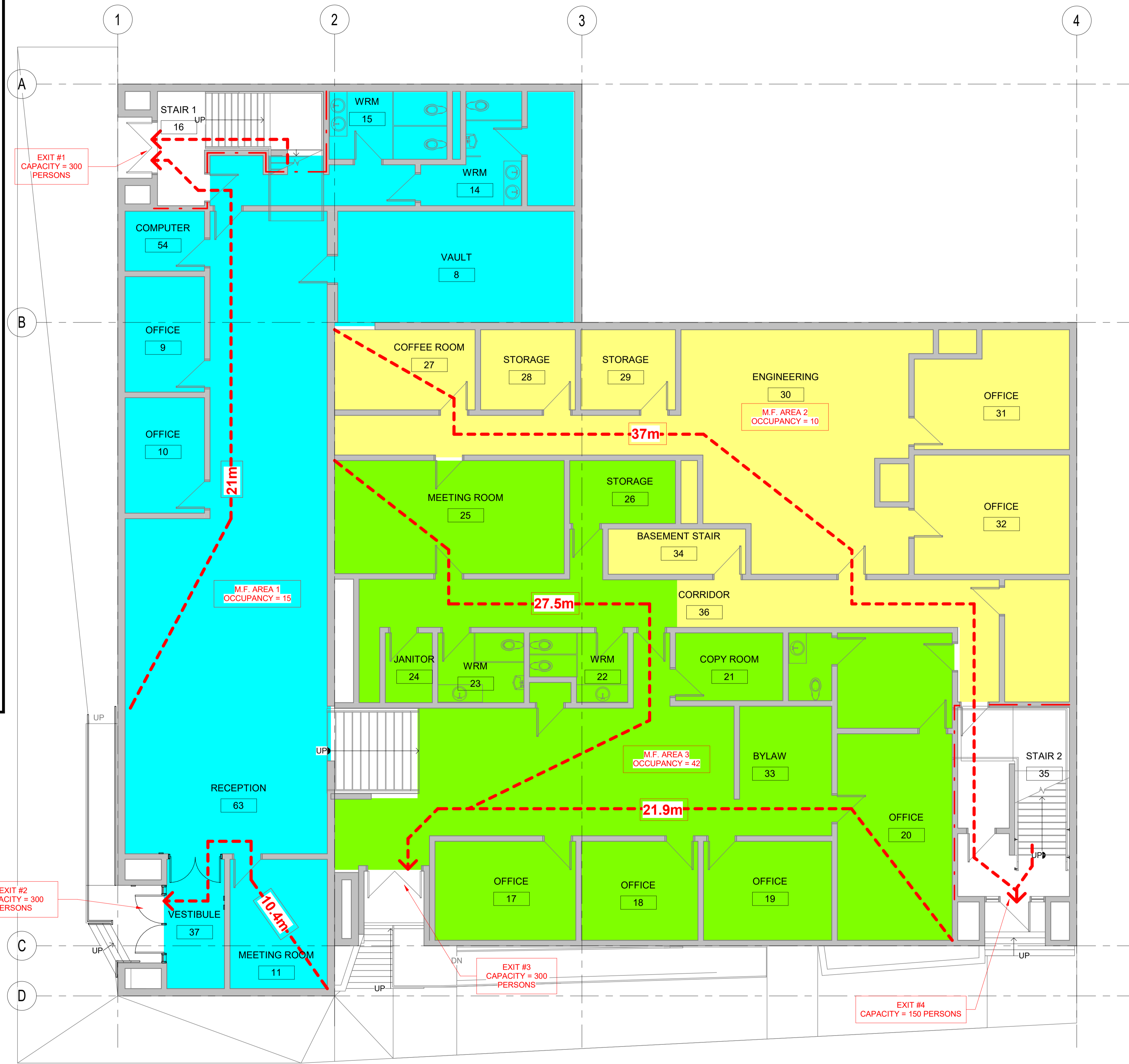
WATER CLOSETS REQUIRED: MALE = 3, FEMALE = 3
 EXISTING WATER CLOSETS: MALE = 4, FEMALE = 6

PER ARTICLE 3.7.2.3(1) - 1 LAVATORY REQUIRED FOR FIRST TWO WATER CLOSETS OR URINALS AND ONE ADDITIONAL LAVATORY FOR EACH ADDITIONAL 2 WATER CLOSETS OR URINALS.

LAVATORIES REQUIRED: MALE = 2, FEMALE = 2
 LAVATORIES PROVIDED: MALE = 4, FEMALE = 4

BARRIER FREE REQUIREMENTS:

THIS BUILDING IS SUBJECT TO THE REQUIREMENTS OF SECTION 3.8 PER ARTICLE 3.7.2.10(2) ONE TOILET MUST BE ACCESSIBLE.

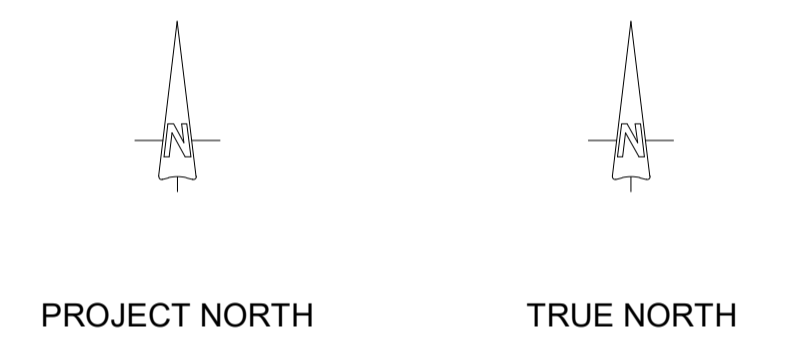
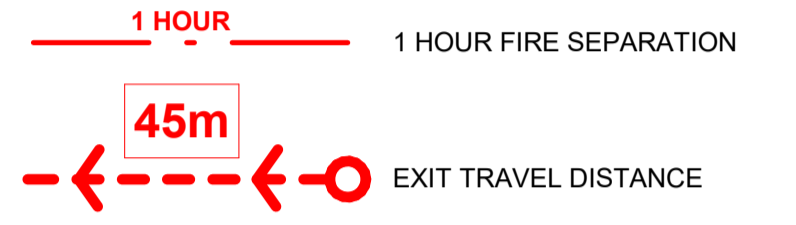


1 LEVEL 1 CODE PLAN
 A020 1 : 75



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FIRE SEPERATION LEGEND



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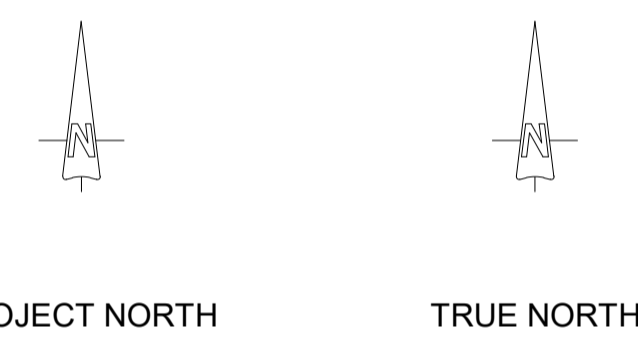
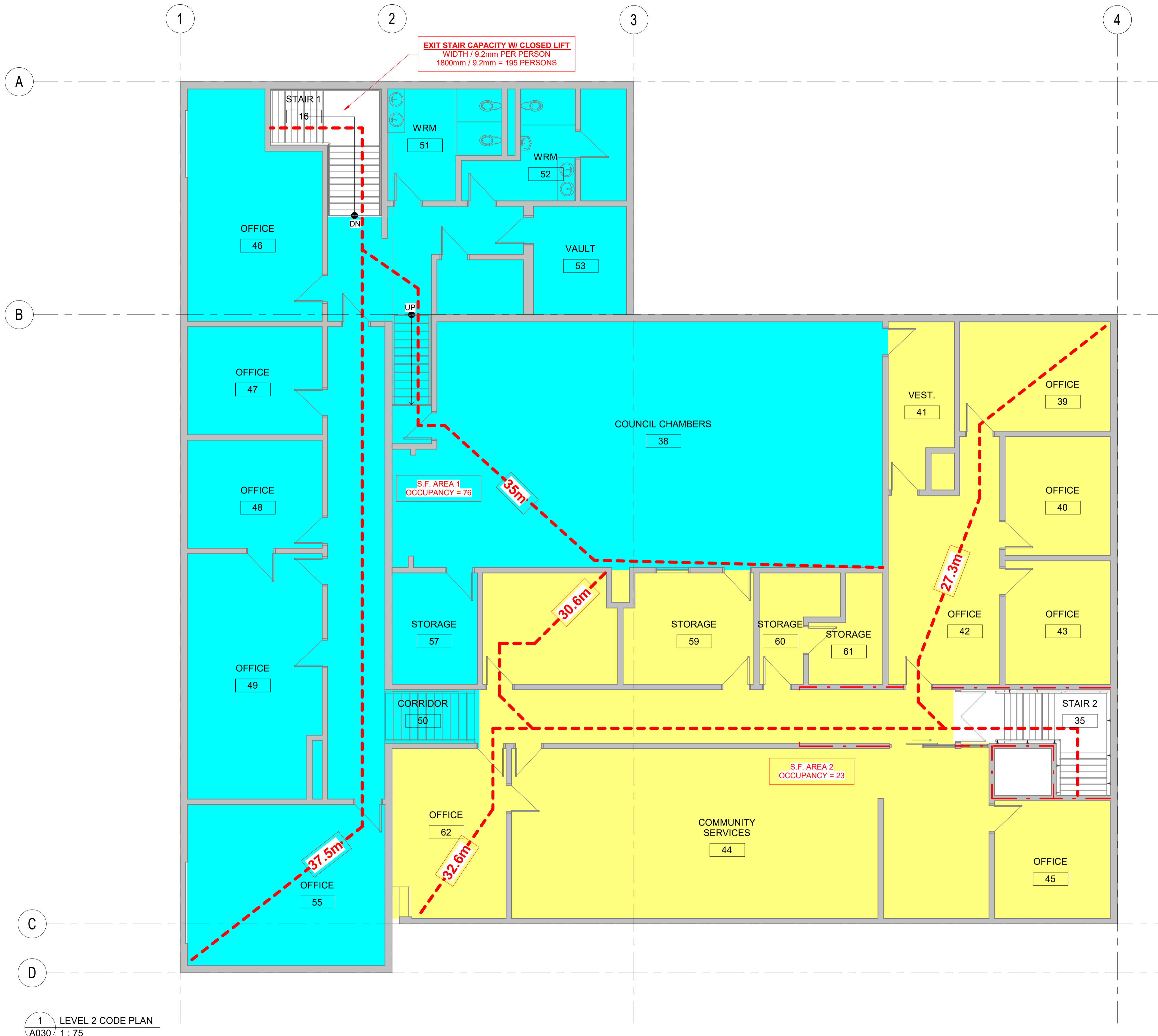
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PEACE RIVER TOWN HALL - FRONT ENTRANCE ACCESSIBILITY

SHEET TITLE
LEVEL ONE/TWO CODE PLAN

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221334	2023-05-02 11:20:25 AM
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FRONT ENTRANCE
ACCESSIBILITY

SHEET TITLE
LEVEL THREE/FOUR CODE
PLAN

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Scale	SHEET No.
1 : 75	A030

DEMOLITION PLAN LEGEND:

- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE REMOVED
- EXISTING DOOR TO REMAIN
- EXISTING DOOR TO BE REMOVED
- EXISTING WINDOW TO REMAIN
- EXISTING WINDOW TO BE REMOVED

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6. REMOVE AND REPLACE EXISTING CEILING OR FLOORING MATERIAL AS REQUIRED FOR THE INSTALLATION OF MECHANICAL OR ELECTRICAL.
7. PATCH, REPAIR, AND LEVEL FLOOR SURFACE ON EACH SIDE OF WALLS TO ACHIEVE A LEVEL SURFACE AT LOCATION OF REMOVED PARTITION WALLS.
8. ALL DIMENSIONS, DETAILS, AND CONDITIONS, ARE DERIVED FROM THE ORIGINAL DRAWINGS AND SHALL BE CHECKED BY THE CONTRACTOR, ANY DISCREPANCY OR CONFLICT SHALL BE REPORTED TO THE DESIGNER FOR PROPER CLARIFICATION.
9. CAREFULLY REMOVE AND DISMANTLE EXISTING COMPONENTS THAT ARE TO BE REUSED AND TRANSFERRED.
10. ALL EXISTING WALLS ARE TO BE PATCHED AND REPAIRED TO MAKE CONTINUOUS.
11. TEMPORARILY RELOCATE OR MOVE EXISTING ITEMS AND COMPONENTS AS REQUIRED TO FACILITATE DEMOLITION WORK.

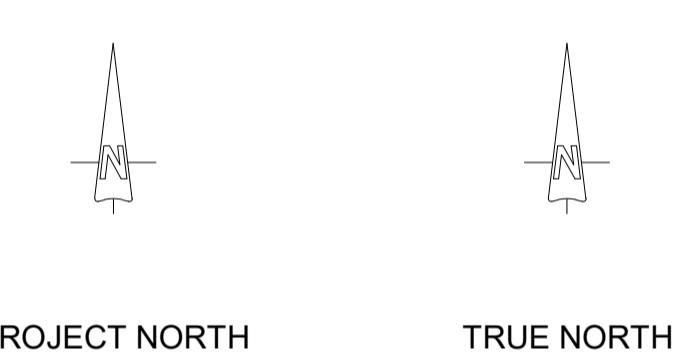
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1 LEVEL 1/2 - OVERALL DEMOLITION FLOOR PLAN
 D201 1 : 75

- DEMOLITION KEYNOTES:**
1. REMOVE EXISTING DOOR, FRAME AND HARDWARE.
 2. EXISTING DRYWALL AND STEEL STUD PARTITION TO BE MODIFIED FOR NEW DOOR OPENING.
 3. EXISTING STEEL HANDRAIL TO BE REMOVED.



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 LEVEL ONE/TWO
 DEMOLITION FLOOR PLAN

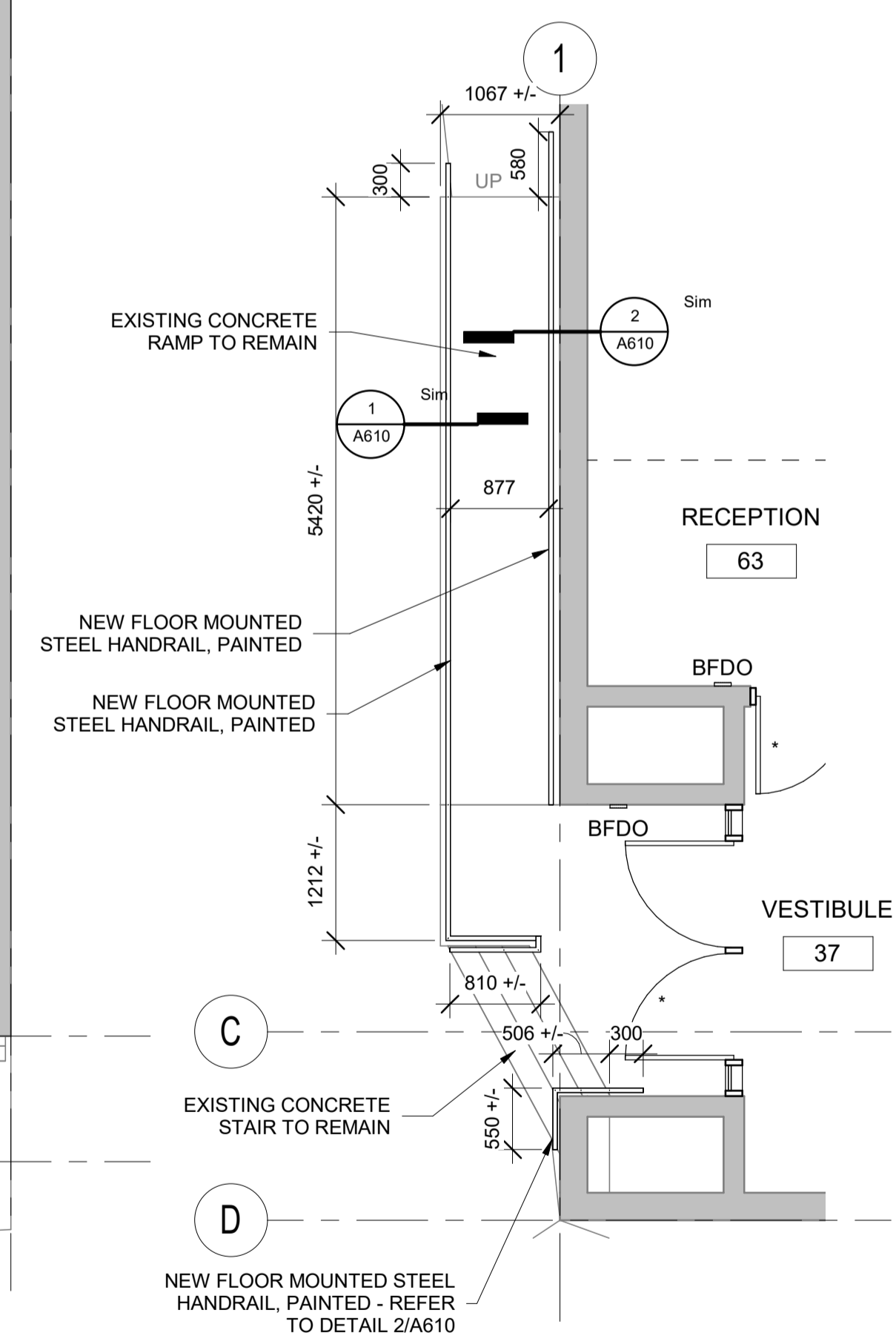
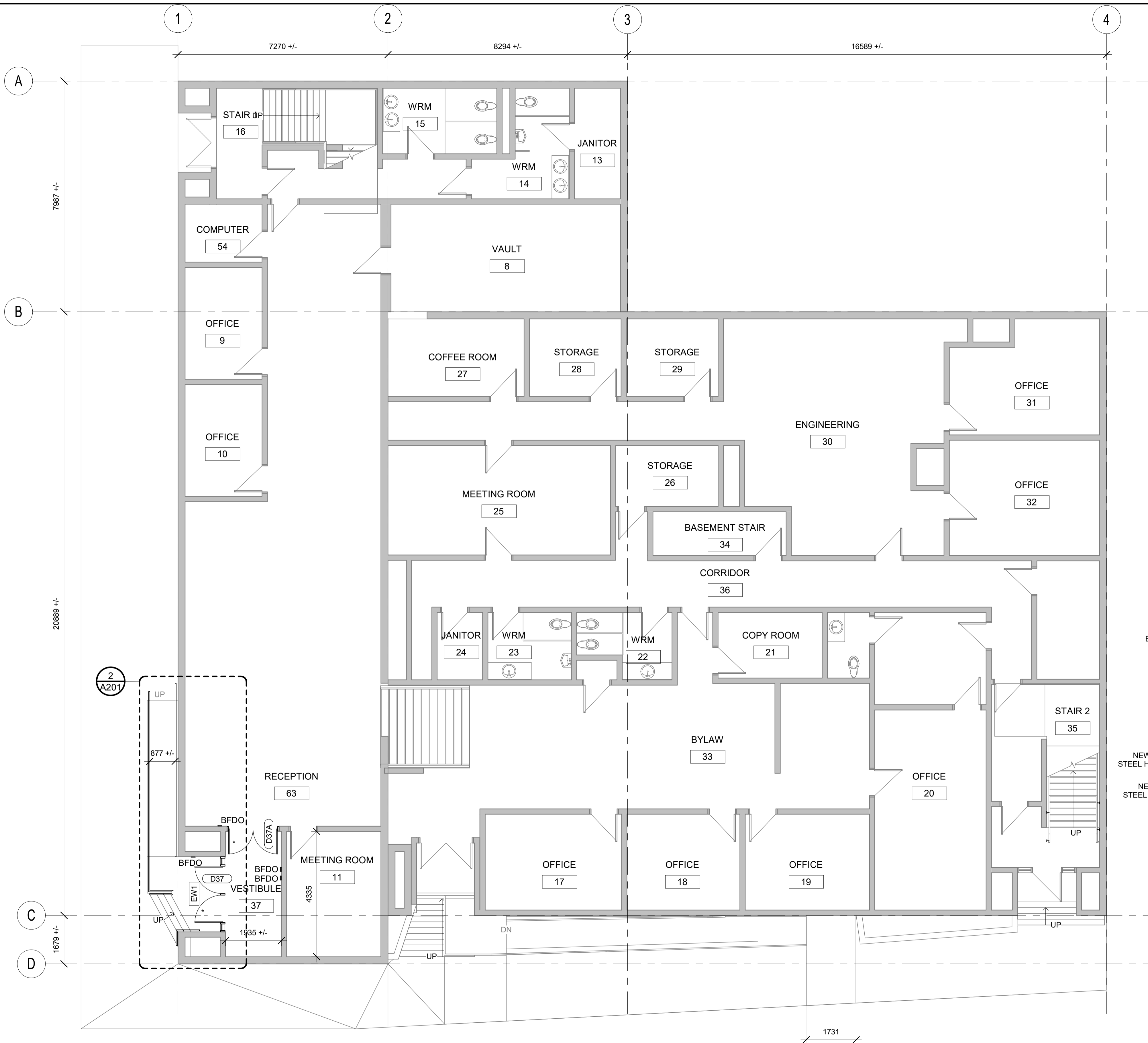
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BR2	SV
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221334	2023-05-02 11:20:28 AM
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FLOOR PLAN LEGEND

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- EP ELECTRICAL PANEL
- FAP FIRE ANNUNCIATOR PANEL

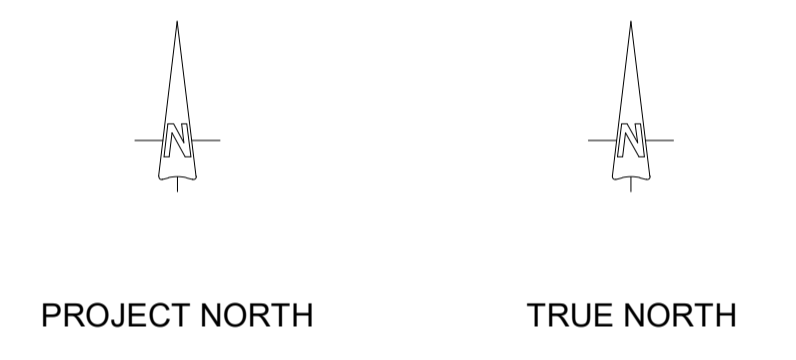
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1 LEVEL 1/2 - OVERALL FLOOR PLAN
 A201 1 : 75

2 FRONT ENTRY RAMP ENLARGED PLAN
 A201 1 : 50



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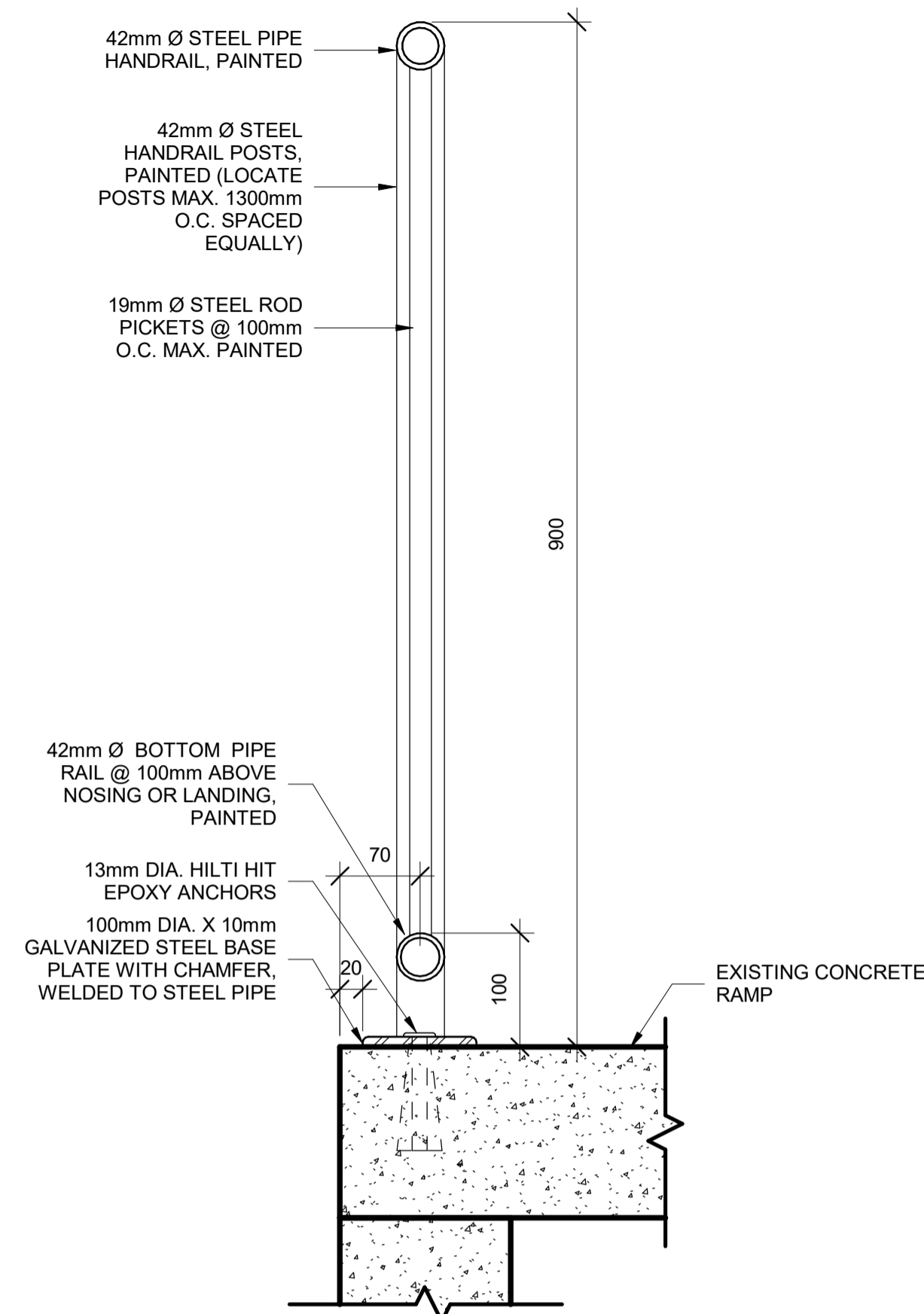
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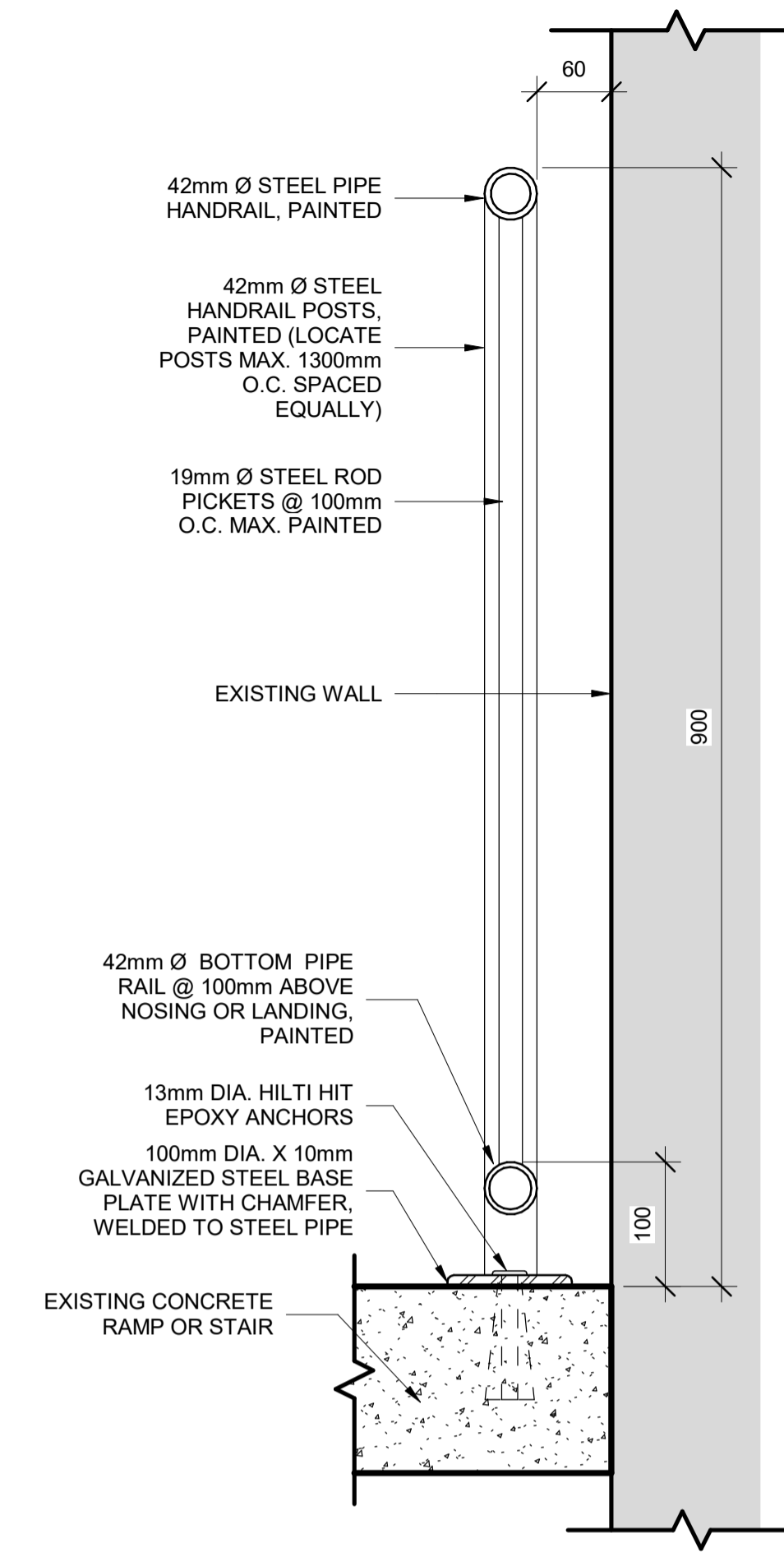
OVERALL LEVEL ONE/TWO FLOOR PLAN

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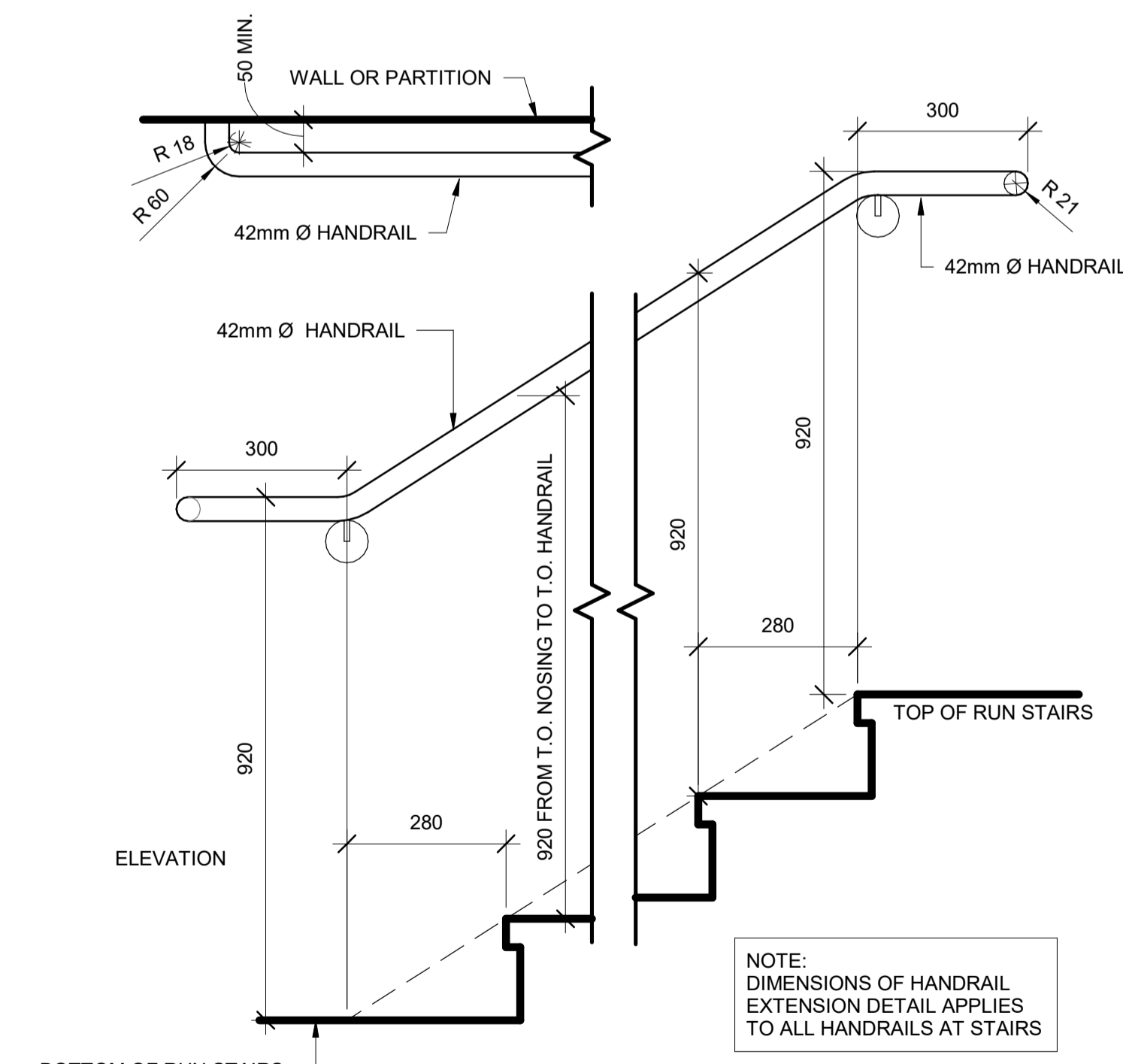
NOTES TO RAIL DETAILS:
 -ALL STEEL LOCATED ON THE EXTERIOR OF THE BUILDING TO BE GALVANIZED AND PAINTED.



1 FLOOR MOUNTED HANDRAIL DETAIL
 A610 1 : 5

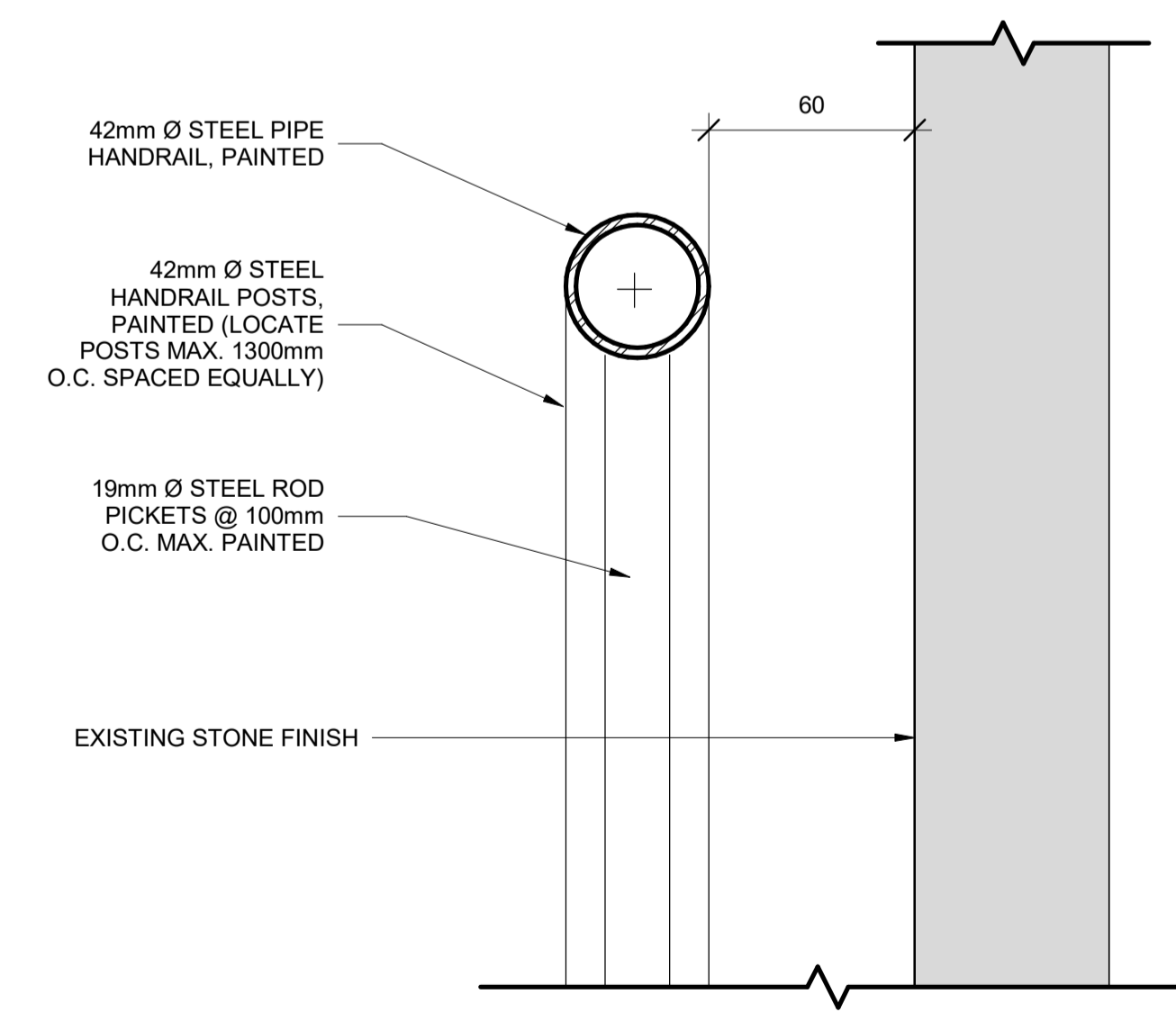


2 FLOOR MOUNTED HANDRAIL DETAIL AT WALL
 A610 1 : 5



3 HANDRAIL EXTENSION DETAIL
 A610 1 : 10

NOTE:
 DIMENSIONS OF HANDRAIL
 EXTENSION DETAIL APPLIES
 TO ALL HANDRAILS AT STAIRS



4 HANDRAIL SECTION ADJACENT TO WALL
 A610 1 : 2

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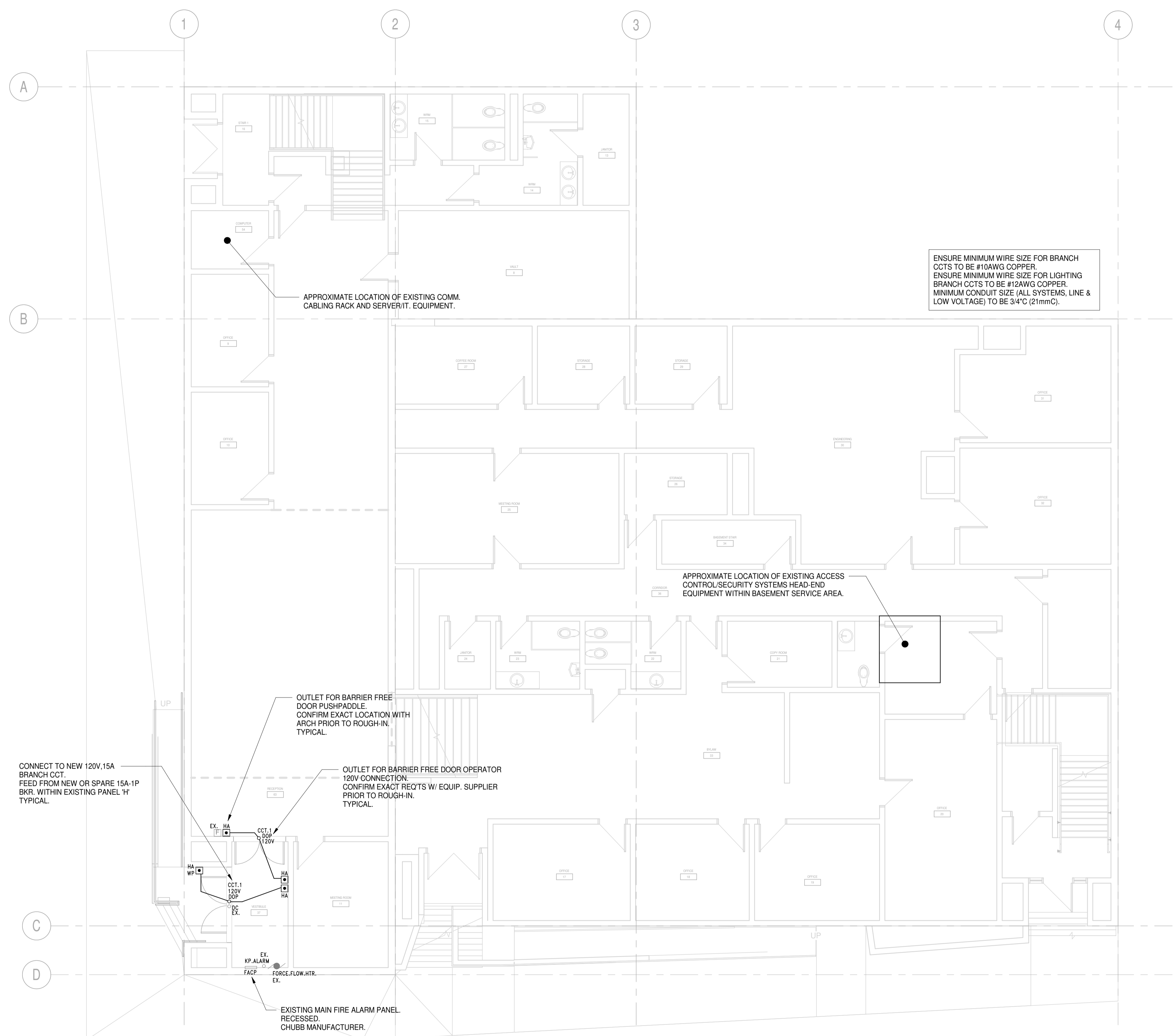
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 STAIR AND HANDRAIL
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1 LEVEL ONE/TWO - POWER/LV PLAN
E01 1 : 75

ENSURE MINIMUM WIRE SIZE FOR BRANCH CCTS TO BE #10AWG COPPER.
ENSURE MINIMUM WIRE SIZE FOR LIGHTING BRANCH CCTS TO BE #12AWG COPPER.
MINIMUM CONDUIT SIZE (ALL SYSTEMS, LINE & LOW VOLTAGE) TO BE 3/4" (21mmC).

APPROXIMATE LOCATION OF EXISTING COMM. CABLING RACK AND SERVERIT. EQUIPMENT.

APPROXIMATE LOCATION OF EXISTING ACCESS CONTROL/SECURITY SYSTEMS HEAD-END EQUIPMENT WITHIN BASEMENT SERVICE AREA.

CONNECT TO NEW 120V, 15A BRANCH CCT. FEED FROM NEW OR SPARE 15A-1P BKR. WITHIN EXISTING PANEL 'H' TYPICAL.

OUTLET FOR BARRIER FREE DOOR PUSHPADDL. CONFIRM EXACT LOCATION WITH ARCH PRIOR TO ROUGH-IN. TYPICAL.

OUTLET FOR BARRIER FREE DOOR OPERATOR 120V CONNECTION. CONFIRM EXACT REQTS W/ EQUIP. SUPPLIER PRIOR TO ROUGH-IN. TYPICAL.

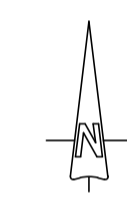
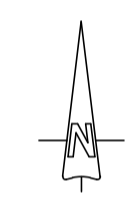
EXISTING MAIN FIRE ALARM PANEL. RECESSED. CHUBB MANUFACTURER.



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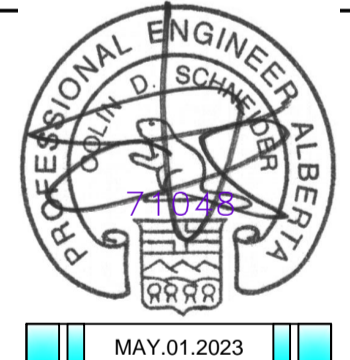
PROJECT NORTH

TRUE NORTH

NO.	DATE	DESCRIPTION
7	2023.05.01	ISSUED FOR RE-TENDER
6	2022.06.06	ISSUED FOR RE-TENDER
5	2022.05.17	ISSUED FOR ADDENDUM E01
4	2022.04.27	ISSUED FOR TENDER
3	2022.03.22	ISSUED FOR PRE-TENDER REV.1
2	2022.03.15	ISSUED FOR PRE-TENDER
1	2022.03.04	ISSUED FOR FINAL REVIEW

REVISIONS

SEAL / PERMIT



ECCOM CONSULTING APEGA PERMIT#	P10669
COLIN SCHNEIDER, P.ENG.	71048
	MAY.01.2023

PROJECT
PEACE RIVER TOWN HALL - FRONT ENTRANCE ACCESSIBILITY

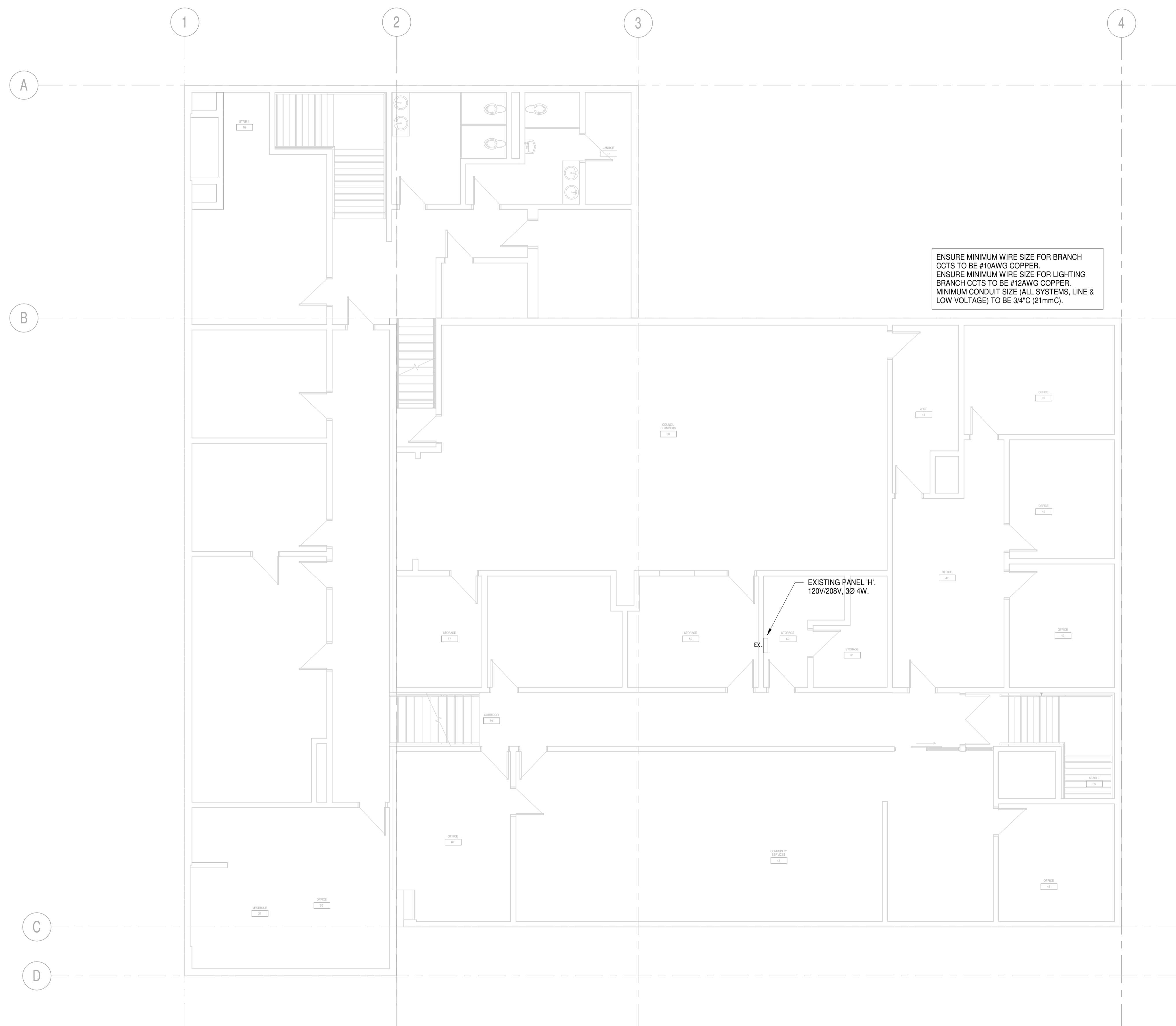
SHEET TITLE
LEVEL ONE/TWO - POWER/LV PLAN

Drawn: MD Checked: CS

Project No.: 2214 Date: MAY.2023

Scale: 1 : 75 SHEET No.:

E01



ENSURE MINIMUM WIRE SIZE FOR BRANCH
CCTS TO BE #10AWG COPPER.
ENSURE MINIMUM WIRE SIZE FOR LIGHTING
BRANCH CCTS TO BE #12AWG COPPER.
MINIMUM CONDUIT SIZE (ALL SYSTEMS, LINE &
LOW VOLTAGE) TO BE 3/4" (21mmC).

EXISTING PANEL 'H',
120V/208V, 3Ø 4W.

1 LEVEL THREE/FOUR - POWER/LV PLAN
E02 1:75



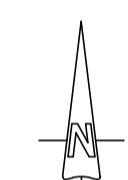
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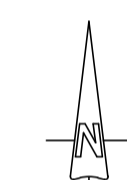
TOWN OF
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ALBERTA



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ECCOM CONSULTING	P10669
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PROJECT
PEACE RIVER TOWN HALL -
FRONT ENTRANCE
ACCESSIBILITY

SHEET TITLE
LEVEL THREE/FOUR -
POWER/LV PLAN

Drawn	Checked
MD	CS
Project No.	Date
2214	MAY.2023

Scale	SHEET No.
1:75	E02

SYMBOL SCHEDULE	
SYMBOL	DESCRIPTION
o	OUTLET BOX - SINGLE GANG
o _{DM}	OUTLET BOX - DISHWASHER CONNECTION
o _{MH}	OUTLET BOX - MICROWAVE/HOOD-FAN CONNECTION
o _{HOOD}	OUTLET BOX - HOOD-FAN CONNECTION
J	JUNCTION BOX
L	LUMINAIRE STRAIGHT TYPE
L _R	LUMINAIRE - RECESSED MOUNTED
L _{SM}	LUMINAIRE - SURFACE OR PENDANT MOUNTED
L _M	LUMINAIRE - HALL MOUNTED
L _{EM}	LUMINAIRE - RECESSED MTD. - EMERG. CIRCUIT
L _{NM}	LUMINAIRE - RECESSED MTD. - NIGHTLIGHT CIRCUIT
L _H	LUMINAIRE - HIGHBAY TYPE
L _{LM}	LUMINAIRE - RECESSED OR SURFACE OR PENDANT MTD.
L _{LM}	LUMINAIRE - HALL MOUNTED
L _{LM}	LUMINAIRE - TRACK TYPE
L _{LM}	LUMINAIRE - LIGHT POLE TYPE
L _{LM}	LUMINAIRE - BOLLARD OR COLUMN TYPE
S	SWITCH - SINGLE POLE SINGLE THROW TYPE
S _{3W}	SWITCH - THREE WAY OR FOUR WAY TYPE
S _D	SWITCH - DIMMER TYPE
S _V	SWITCH - VARIABLE SPEED CONTROL TYPE
S _P	SWITCH C/W PILOT LIGHT
S _K	SWITCH - KEYED TYPE
S _{VOL}	SWITCH - VOLUME ATTENUATION MODULE
S _{MA}	SWITCH - MASTER, MULTIPLE CCT. CONTROL
S _{LV}	SWITCH - LV
S _{LV}	SWITCH - LV DIMMER SWITCH
S _{OS}	OCCUPANCY SENSOR SWITCH - HALL MOUNTED
S _{OS}	OCCUPANCY SENSOR SWITCH - CEILING MOUNTED
S _{LV}	OCCUPANCY SENSOR SWITCH, LV - CEILING MOUNTED
S _{OS}	PHOTOSENSOR, LV - CEILING MOUNTED
R	DUPLEX RECEPTACLE
R _{WP}	DUPLEX RECEPTACLE - WEATHERPROOF-IN-USE
R _{20A}	DUPLEX RECEPTACLE - 20A RATED, T-SLOT TYPE
R _{IS}	DUPLEX RECEPTACLE - INTEGRAL SURGE SUPPRESSOR
R _{IF}	DUPLEX RECEPTACLE - INTEGRAL GRND. FAULT PROTECTION
R _{TR}	DUPLEX RECEPTACLE - TAMPER RESISTANT TYPE
R _{IG}	DUPLEX RECEPTACLE - ISOLATED GROUND
R _{EM}	DUPLEX RECEPTACLE - EMERG. BRANCH CIRCUIT
R _{DP}	DUPLEX RECEPTACLE - HAZARDOUS AREA RATED
R _{AFD}	DUPLEX RECEPTACLE - INTEGRAL ARC-FAULT PROTECTION
R _{TWSTLOCK}	DUPLEX RECEPTACLE - TWISTLOCK TYPE
R _{FLR}	DUPLEX RECEPTACLE - FLOOR MOUNTED
R _{CEL}	DUPLEX RECEPTACLE - CEILING MOUNTED
R _{OC}	DUPLEX RECEPTACLE - OVER-COUNTER MTD.
R _{UC}	DUPLEX RECEPTACLE - UNDER-COUNTER MTD.
R _{WH}	DUPLEX RECEPTACLE - MICROWAVE CONNECTION
R _{FR}	DUPLEX RECEPTACLE - FRIDGE CONNECTION
R _{USB}	DUPLEX RECEPTACLE - INTEGRAL USB CHARGING PORTS
Q	QUADPLEX RECEPTACLE
R	DUPLEX RECEPTACLE - DEDICATED BRANCH CIRCUIT
R	DUPLEX RECEPTACLE - SPLIT FEED BRANCH CIRCUITS
R	DUPLEX RECEPTACLE - HALF SWITCHED CIRCUIT
R	SPECIAL RECEPTACLE (VOLTAGE, PHASE, AMP.)
R	CORD REEL W/ PENDANT - CEILING MTD.
C	CATV CABLEING JACK
N	NETWORK CABLEING JACK
T	TELEPHONE CABLEING JACK
V	VGA JACK
H	HDMI JACK
A	DATA JACK - WIFI ACCESS POINT
U	OUTLET BOX - USB CHARGING PORTS
U	OUTLET BOX - AUDIO/VIDEO
P	PUSHBUTTON
P	OUTLET BOX - BARRIERFREE AUTO-DOOR PUSH/PADDDLE
O	OUTLET BOX - DOOR OPERATOR
I	INTERCOM - DOOR STATION
I	INTERCOM - MASTER STATION
I	INTERCOM CENTRAL EXCHANGE UNIT
B	PUSHBUTTON - DOOR BUZZER
B	DOOR BUZZER C/W LV TRANSFORMER
P	PUSHBUTTON - SECURITY PANIC ALARM
P	PUSHBUTTON - SECURITY DOOR RELEASE
R	SECURITY OUTLET BOX - CARD READER
R	SECURITY OUTLET BOX - FOB READER
R	SECURITY OUTLET BOX - MOTION SENSOR
R	SECURITY OUTLET BOX - MOTION SENSOR (360°)
R	SECURITY OUTLET BOX - GLASS BREAK SENSOR
R	SECURITY OUTLET BOX - DOOR CONTACT
R	SECURITY OUTLET BOX - DOOR STRIKE
R	SECURITY OUTLET BOX - MAGNETIC DOOR LOCK
R	SECURITY OUTLET BOX - KEYPAD
R	SECURITY OUTLET BOX - REQUEST TO EXIT
R	SECURITY CAMERA - FIXED
R	SECURITY CAMERA - PAN/TILT/ZOOM
R	SECURITY OUTLET BOX - LATXI RETRACTION
R	SECURITY OUTLET BOX - DELAYED EGRESS
R	SECURITY OUTLET BOX - DOOR CONTROL KEY SWITCH
R	SECURITY OUTLET BOX - PANIC ALARM INDICATOR LGT.
R	SECURITY OUTLET BOX - BLUE STROBE
R	SECURITY BLUE PULLSTATION
R	SPEAKER - HORN TYPE
R	RECESSED SPEAKER OUTLET C/W BACKBOX
R	SPEAKER - PENDANT MTD.
R	MICROPHONE/LINE INPUT MODULE
R	OUTLET BOX - THERMOSTAT
R	MOTOR EQUIPMENT/SCHEDULE DESIGNATION
R	MOTOR
R	DISCONNECT SWITCH
R	EQUIPMENT/SCHEDULE DESIGNATION
R	FIRE ALARM PIEZO HORN W/ SILENCE SW. & RAISED STROBE LIGHT UNIT
R	FIRE ALARM PIEZO HORN W/ SILENCE SW. & RAISED STROBE LIGHT
R	FIRE ALARM HORN C/W STROBE LIGHT
R	FIRE ALARM HORN C/W STROBE LIGHT - CEILING MTD. TYPE
R	FIRE ALARM HORN
R	FIRE ALARM BELL C/W STROBE LIGHT
R	FIRE ALARM BELL
R	FIRE ALARM SPEAKER
R	FIRE ALARM SPEAKER C/W STROBE LIGHT
R	FIRE ALARM SPRKR. C/W STROBE LIGHT - CEILING MTD. TYPE
R	FIRE ALARM ROTATING BEACON
R	FIRE ALARM PULLSTATION
R	FIRE ALARM PULLSTATION W/ TAMPER RESISTANT COVER
R	FIRE ALARM FIGHTER TEL STATION W/ RECESSED BACKBOX
R	FIRE ALARM ISOLATION MODULE
R	FIRE ALARM SPRINKLER DEVICE
R	HEAT DETECTOR - FIXED TEMP., RATE OF RISE
R	HEAT DETECTOR - FIXED TEMP.
R	HEAT DETECTOR - FIXED HIGH TEMP.
R	SMOKE DETECTOR
R	SMOKE DETECTOR - DUCT TYPE
R	SMOKE ALARM C/W BATT. BACKUP
R	COMBIN. SMOKE ALARM & CO DETECTOR C/W BATT. BACKUP
R	CO DETECTOR C/W BATT. BACKUP
R	EXIT LIGHT
R	EXIT LIGHT - PENDANT MOUNTED (STEP1)
R	EXIT LIGHT W/ LEFT DIRECTIONAL ARROW INDICATION
R	EXIT LIGHT W/ RIGHT DIRECTIONAL ARROW INDICATION
R	EXIT LIGHT C/W EMBERS, DOUBLE HEADS
R	EMERG. LTS. BATTERY PACK C/W EMBERS, DOUBLE HEADS
R	EMERGENCY BATTERY PACK
R	EMERG. LTS. REM. DOUBLE HEADS - WALL OR CEILING MTD.
R	EMERG. LTS. REM. DOUBLE HEADS - PENDANT MTD. (STEP1)
R	MAGNETIC DOOR HOLD OPENER

- SPECIFICATIONS**
- ELECTRICAL CONTRACTOR (E/C) TO SUPPLY AND INSTALL A COMPLETE AND WORKING INSTALLATION, INTENDED AS SHOWN, E/C TO REPORT TO ENGINEER ANY CONDITION WHICH MAY PREVENT THEM FROM PERFORMING/COMPLETING THEIR WORK AS SPECIFIED.
 - ALL WORK MUST BE DONE AS PER CANADIAN ELECTRICAL CODE (C22.1-21), CURRENT PROVINCIAL BUILDING & FIRE CODES AND TO LOCAL INSPECTION AUTHORITIES.
 - E/C TO PROVIDE NECESSARY NOTICES, PAY FOR ALL PERMITS REQUIRED BY LAW, INCLUDING ARRANGEMENT & PAYMENT FOR ALL INSPECTIONS RELATING TO THEIR WORK.
 - E/C TO SHOW DUE-DILIGENCE IN CO-ORDINATION & CO-OPERATION OF ELECTRICAL WORK WITH OTHER TRADES WORK BEING PERFORMED ON SITE.
 - E/C TO ENSURE RESPONSIBLE AND COMPETENT SUPERVISION OF WORK IS BEING PERFORMED AT ALL TIMES.
 - E/C TO INFORM CONSULTANT WHEN CONSTRUCTION MILESTONES ARE MET FOR USE IN CO-ORDINATION OF CONSULTANT SITE REVIEWS. AT MINIMUM, INFORM CONSULTANT OF ROUGH-IN MILESTONES(S), ENERGIZATION MILESTONE, & SUBSTANTIAL COMPLETION MILESTONE.
 - ALL MATERIALS SUPPLIED BY THIS CONTRACTOR TO BE NEW AND C.S.A. APPROVED. ALL SIMILAR EQUIPMENT & MATERIALS TO BE BY SAME MANUFACTURER.
 - SHOP DWGS. FOR MATERIALS SUPPLIED BY THIS CONTRACTOR TO BE PROVIDED FOR CONSULTANT REVIEW PRIOR TO MATERIALS PURCHASE & ORDER. INQUIRE WITH CONSULTANT FOR A LIST OF EXPECTED SHOP DWG. SUBMITTALS. CO-ORDINATE WITH GENERAL CONTRACTOR (G/C) FOR SHOP DWG. SUBMITTALS TO THE APPROPRIATE PERSONS. FINAL COMPLETE VERSIONS OF ALL SHOP DWGS. WILL BE REQUIRED FOR INCLUSION INTO OPERATION & MAINTENANCE MANUALS.
 - E/C TO NEATLY STORE MATERIALS AND CLEAN UP REFUSE ON REGULAR BASIS TO LOCATIONS DESIGNATED BY G/C. E/C IS TO PROTECT AND MAINTAIN WORK UNTIL COMPLETE PROJECT IS FINISHED AND TURNED OVER TO THE OWNER.
 - ALL WORK TO BE EXECUTED IN A NEAT AND WORKMAN-LIKE MANNER BY QUALIFIED TRADESMEN. UNSATISFACTORY WORKMANSHIP AS DEEMED BY OWNER AND/OR CONSULTANT(S) TO BE REDONE AT SOLE COST TO CONTRACTOR. INSTALL CONDUIT AND CABLE RUNS PARALLEL AND PERPENDICULAR TO BUILDING LINES IN CHASES, BEHIND FURRING OR ABOVE CEILINGS, EXPOSED INSTALLATIONS (ONLY IN LOCATIONS WHERE ACCEPTABLE) TO BE INSTALLED NEATLY AND GROUPED TO PRESENT TIDY APPEARANCE.
 - CONNECT ALL EQUIPMENT SUPPLIED BY OTHER TRADES, AND OWNER SUPPLIED EQUIPMENT AS INDICATED. CONFIRM EXACT LOCATION AND REQUIREMENTS WITH APPROPRIATE CONTRACTOR (IE - MECHANICAL TRADE FOR MECH. EQUIPMENT) AND/OR WITH OWNER (FOR OWNER SUPPLIED EQUIPMENT) PRIOR TO ROUGH-IN.
 - ALL WIRE TO BE COPPER ONLY UNLESS OTHERWISE SPECIFIED. ALL LINE VOLTAGE BRANCH CTT. WIRE TO BE MINIMUM #10AWG COPPER & ALL LIGHTING BRANCH CTT. WIRE TO BE MINIMUM #14AWG COPPER, UNLESS WHERE OTHERWISE NOTED. COPPER CONDUCTORS SIZE #10AWG AND SMALLER DIA. TO BE SOLID CONDUCTOR.
 - SHOULD IT BE REQUIRED, HIRING DEVICE LOCATIONS SHOWN WILL BE PERMITTED TO CHANGE BY 1/2" (3m) PRIOR TO ROUGH-IN AT NO ADDITIONAL COST FROM E/C, FOR ANY/ALL SYSTEMS.
 - PROVIDE LABELING FOR RECEPTACLES, TEL./DATA/CATV/AV OUTLETS, & BLANKED OUTLETS. LABELING TO BE TYPEWRITTEN, BLACK COLOR LETTERING ON TRANSPARENT ADHESIVE BACKGROUND.
 - PROVIDE LABELING FOR ALL SYSTEMS JUNC. BOXES. AT MINIMUM, LABELING TO INCLUDE SYSTEM & VOLTAGE W/ LINE VOLTAGE CCTS. INDICATED. JUNC. BOX SYSTEM INDICATION BY READILY VISIBLE COLOR CODE IS ACCEPTABLE.
 - PROVIDE LABELING FOR ALL CONDUIT SYSTEMS. CONDUITS TO BE AT MINIMUM LABELED AT BOTH ENDS, ON EITHER SIDES OF FIRE SEPARATION PENETRATIONS, AND EVERY 100' (30m) OF RUN. CONDUIT SYSTEM INDICATED BY READILY VISIBLE COLOR CODE IS ACCEPTABLE (IE - PAINTED COUPLERS/CONNECTORS, OR COLORED BANDS).
 - PROVIDE LABELING FOR ALL SYSTEMS CABLEING. CABLEING TO BE MINIMUM LABELED AT BOTH ENDS.
 - PROVIDE LAMP/COIL MANEPLANS FOR SWITCHBOARDS, MOTOR CONTROL CENTERS (MCCs), PANELBOARDS, CENTRAL DISTRIBUTION PANELS, METER CENTERS, STAND-ALONE METER SOCKETS, TRANSFER SWITCH EQUIPMENT, DISTRIBUTION TRANSFORMERS, SUB-METERING EQUIPMENT, AND POWER FACTOR CORRECTION UNITS. INDICATE EQUIPMENT TAG # AND VOLTAGE(S). WHITE LETTERING ON BLACK LABEL FOR UTIL.-SOURCE POWER DISTRIBUTION. WHITE LETTERING ON RED LABEL FOR BACK-UP POWER, & EMERG. POWER DISTRIBUTION.
 - PROVIDE LAMP/COIL MANEPLANS FOR SWITCHBOARD BREAKERS, MCC COMPARTMENTS, CENTRAL DISTRIBUTION PANEL BREAKERS, AND COMMERCIAL METER CENTRE BREAKERS. INDICATE EQUIPMENT TAGS BEING FED. WHITE LETTERING ON BLACK LABEL FOR UTIL.-SOURCE POWER DISTRIBUTION. WHITE LETTERING ON RED LABEL FOR BACK-UP POWER & EMERG. POWER DISTRIBUTION.
 - PROVIDE TYPEWRITTEN LABELING FOR RESIDENTIAL METER CENTRE BREAKERS, MOTOR/EQUIPMENT STARTERS & DISCONNECTS. INCLUDE EQUIPMENT TAGS, VOLTAGE.
 - PANELBOARDS, CENTRAL DISTRIBUTION PANELS, AND LIGHTING CONTROL RELAY/MODULE PANELS TO BE C/W TYPEWRITTEN DIRECTORIES.
 - E/C TO TEST AND DEMONSTRATE ALL EQUIPMENT AND SYSTEMS INSTALLED ARE PERFORMING IN AN ADEQUATE, INTENDED MANNER INCLUSIVE OF THE DEFINED INTEGRATION PRIOR TO FINAL SUBMISSION. PROVIDE 3x FINISHED COPIES TO G/C, UNLESS OTHERWISE DIRECTED BY OWNER. SYSTEMS AND WITH OTHER BLDG. SYSTEMS. OWNER DESIGNATED OPERATIONS PERSONNEL TO BE CONTACTED AND PRESENT FOR DEMONSTRATION & ORIENTATION. E/C TO ENSURE MANUFACTURER REPRESENTATIVE INVOLVEMENT IS PROVIDED WHERE NECESSARY OR REQUESTED.
 - WHERE A 3RD-PARTY COMMISSIONING (CX) AGENT IS RETAINED FOR THE PROJECT, E/C IS REQUIRED TO PARTICIPATE IN ALL REQUIRED ASPECTS OF THE CX/AGENT TASKS ASSOCIATED WITH ELECTRICAL SYSTEMS AS DEFINED & OUTLINED BY THE CX/AGENT INCLUSIVE OF (BUT NOT LIMITED TO) THE COMPLETION & SUBMITTAL OF CX/AGENT-PROVIDED EQUIPMENT LOGS TO THE SATISFACTION OF THE CX/AGENT. CONFIRM CX/AGENT REQUIREMENTS WITH G/C PRIOR TO TENDER BID SUBMISSION.
 - E/C IS REQUIRED TO PARTICIPATE IN ALL REQUIRED ASPECTS OF THE CANULC-5100 INTEGRATED SYSTEMS TESTING AS REQUIRED & OUTLINED BY THE INTEGRATED SYSTEM TESTING AGENT.
 - E/C TO FURNISH A WRITTEN WARRANTY THAT ALL ELECTRICAL WORK UNDER THIS CONTRACT WILL BE FREE FROM ALL DEFECTS IN MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR AFTER TURN-OVER TO OWNER.

- GENERAL NOTES:**
- ALL SYSTEMS WIRING METHODS INSTALLATIONS TO BE CONCEALED WHEREVER POSSIBLE.
 - ELECT. EQUIPMENT/DEVICES/CONDUITS/CABLEING TO BE ADEQUATELY STRAPPED/SUPPORTED TO BUILDING STRUCTURE. NECH. SYSTEMS WIRING/EQUIPMENT NOT TO BE USED FOR STRAPPING/SUPPORTING.
 - CO-ORDINATE LINE AND LOW VOLTAGE SYSTEMS OUTLET LOCATIONS SHOWN IN AND/OR ABOVE/BELOW MILLWORKING WITH THE RESPECTIVE ARCH. MILLWORK DETAILS/DWGS. PRIOR TO AREA ROUGH-IN. CO-ORDINATE ALL DISPLAY/SCREENS/TV LOCATIONS WITH ARCH. INTERIORS PRIOR TO AREA ROUGH-IN.
 - PROVIDE FIRE STOPPING TO SEAL CONDUIT/RACEWAY PENETRATIONS THROUGH FIRE RATED ASSEMBLIES. PROVIDE CONDUIT/RACEWAY SLEEVES FOR PENETRATIONS THROUGH FIRE RATED FLOOR/WALL ASSEMBLIES AND FILL WITH FIRE-RATED MATERIAL. PRODUCTS USED MUST MATCH RATING OF FIRE ASSEMBLY. CO-ORDINATE EXACT REQUIREMENTS ON SITE.
 - ENSURE VAPOUR BARRIER AROUND OUTLET BOXES INSTALLED WITHIN ARCH. ASSEMBLIES IS CONTINUOUS AND APPROPRIATELY SEALED.
 - WHERE UNAVOIDABLE IN UNFINISHED AREAS, EXPOSED LV CABLEING TO BE IN CONDUIT, 3/4" (21mm) MIN. WHERE UNAVOIDABLE IN FINISHED AREAS, EXPOSED LV CABLEING TO BE ROUTED IN SURFACE RACEWAY (WIRE/OLD OR APPROVED EQUIVALENT), WITH RACEWAY FINISH TO BE CONFIRMED BY ARCH.
 - INSTALLATIONS OF EXPOSED CONDUIT SYSTEMS ROUTING IN FINISHED AREAS WHERE NOT OTHERWISE AVAILDABLE ARE TO BE KEPT DISCRETE, VERY NEAT & WELL-ORGANIZED, AND INSTALLED AS TO MINIMIZE DIRECT VIEWS. MOCK-UP PRIOR TO FULL INSTALLATION IS REQUIRED FOR THESE AREAS. CO-ORDINATE WITH G/C.
 - CONDUIT SYSTEMS JUNC./PULL BOX INSTALLATIONS WITHIN CONCEALED CEILING SPACE AREAS OF LIMITED-ACCESS (IE - DRYWALL CEILINGS, ETC.) TO BE GENERALLY AVOIDED WHERE-EVER POSSIBLE. WHERE REQUIRED AND UNAVOIDABLE, INSTALL AS TO KEEP ACCESS HATCH/PANEL INSTALLATIONS TO ABSOLUTE MINIMUM. ALL PROPOSED ACCESS HATCH/PANEL LOCATIONS TO BE CO-ORDINATED WITH G/C, OTHER TRADES, AND ARCH. PRIOR TO ASSOCIATED AREA ROUGH-IN.
 - ALL CONDUIT AND ALL CABLEING RUNS TO BE INSTALLED PARALLEL OR AT RIGHT ANGLES TO BUILDING LINES, APPROPRIATELY SECURED, SYSTEM GROUPED, AND OFFSET INTO JUNCTION BOXES. CO-ORDINATE WITH OTHER TRADES TO ENSURE JUNCTION BOXES INSTALLED IN ACCESSIBLE CEILING/FLOOR SPACES ARE ACCESSIBLE.
 - PROVIDE BACKING (PAINTED) FOR PANELBOARDS/STARTERS/DISCONNECTS MTD. ON EXTERIOR WALLS WHERE REQ'D. CO-ORDINATE SUPPLY OF, AND LOCATIONS OF BACKING WITH GENERAL CONTRACTOR.
 - GANG TOGETHER LINE VOLTAGE WIRING DEVICES WHERE SHOWN GROUPED. GANG TOGETHER LOW VOLTAGE WIRING DEVICES WHERE SHOWN GROUPED.
 - SWITCH AND RECEPTACLE DEVICES TO BE WHITE COLOR UNLESS OTHERWISE INDICATED. SWITCH AND RECEPTACLE DEVICES SERVING LOADS ON EMERG. AND/OR UPS DISTRIBUTION BRANCH CCTS. TO BE RED COLOR.
 - UNLESS OTHERWISE NOTED, ALL LINE VOLTAGE DEVICES ARE ASSUMED TO BE TEMP. RATED FOR EITHER 75deg OR DUAL 60/75deg. ELECTRICAL CONTRACTOR IS TO INFORM GENERAL CONTRACTOR & CONSULTANT WHERE THIS IS NOT THE CASE, PRIOR TO DEVICE INSTALL.
 - RECEPTACLES SHOWN IN UTIL. AREAS TO BE MOUNTED +3' (+1m) AFF UNLESS OTHERWISE NOTED. RECEPTACLES SHOWN ON BUILDING EXTERIOR TO BE MOUNTED +2'-6" (+750mm) AFF UNLESS OTHERWISE NOTED.
 - OVERHEAD/CEILING AREA ROUTED CONDUIT SYSTEMS ARE NOT TO BE ROUTED ON/WITHIN THE EXTERIOR SIDE OF ROOF ASSEMBLY.
 - MAX. MOUNTING HEIGHT FOR DEVICES INTENDED FOR BARRIER-FREE OCCUPANT OPERATION IS +4' (+1.2m) AFF. MIN. MOUNTING HEIGHT FOR DEVICES INTENDED FOR BARRIER-FREE OCCUPANT OPERATION IS +1'-6" (+450mm) AFF.
 - DEVICES SHOWN CEILING MOUNTED ARE TO BE ACCESSIBLE AT FINISHED CEILING LEVEL. DEVICES MOUNTED RECESSED IN CEILING TILE/DRYHALL ARE TO BE INDEPENDENTLY SUPPORTED FROM CEILING TILE/DRYHALL. CUTTING THE ASSOCIATED MOUNTING CHANNELS/SYSTEMS.
 - CUTTING, PATCHING, AND AREA PAINTING IS ASSUMED TO BE BY GENERAL CONTRACTOR UNLESS OTHERWISE INDICATED. CO-ORDINATE SCOPE WITH GENERAL CONTRACTOR.
 - ELECTRICAL CONTRACTOR TO INCLUDE FOR ALL CORING REQUIRED, UNLESS WHERE OTHERWISE PROVIDED BY GENERAL CONTRACTOR. ALL CORING TO BE CO-ORDINATED ON-SITE W/ GENERAL CONTRACTOR PRIOR TO AREA ROUGH-IN. ANY/ALL CORING THRU EXISTING STRUCTURAL ASSEMBLIES TO AVOID EXISTING INTEGRAL REINFORCING.
- 20. NON-COMBUSTIBLE CONSTRUCTION:**
- LIMIT BX CABLEING USE TO:
 - DEVICE CONNECTION DROPS INTO CEILING TID. DEVICES, OR DROPS INTO PARTITION WALL FROM OVERHEAD JUNC. BOX WITH MAX. 15' (4.5m) OF BX IN CEILING SPACE TO OVERHEAD JUNC. BOX. SECURE BX CABLEING MAX. 1" (300mm) FROM OVERHEAD JUNC. BOX & DEVICE LOCATION, AND AT RUN LENGTH INTERVALS OF 15m.
 - WALL MTD. DEVICE INTERCONNECTION WITHIN SIMILAR WALL SECTIONS OF WALL PARTITIONS, UNLESS WHERE BLOCK WALL CONSTRUCTION (EMT CONDUIT ONLY PERMITTED).
 - FOR LUMINAIRE WIRING, TO MAX. LENGTH OF 15' (4.5m) BX CABLEING FROM OVERHEAD JUNC. BOX TO LUMINAIRE CONNECTION. BX LOOPS RUNNING FROM LUMINAIRE TO LUMINAIRE TO BE AVOIDED.
 - RUN WIRING IN CONDUIT OTHERWISE.
- 21. UNLESS OTHERWISE NOTED, WALL MOUNTED WIRING DEVICE MOUNTING HEIGHTS ARE AS LISTED BELOW. ALL HEIGHTS ARE MEASURED TO CENTRE OF DEVICE BOX FROM FINISHED FLOOR/GRADE.**
- | | |
|---|------------------|
| SWITCHES (LINE AND/OR LOW VOLTAGE) | +4' (+1.2m) |
| RECEPTACLES (GENERAL TYPE) | +1' (+300mm) |
| CORPL. OUTLETS (TEL., DATA, CATV, A/V) | +1' (+300mm) |
| FA PULLSTATION | +3'-10" (+1.15m) |
| FA HORN/STROBE | +7'-6" (+2.3m) |
| FA EQL. DEVICE | +5' (+1.5m) |
| FA ANNUNCIATOR (TO TOP OF EXTERIOR FA BARRIER/ROBUSTROBE) | +6' (+1.8m) |
| EMERG. LTS. BATTERY PACK | +8'-6" (+2.55m) |
| EMERG. LTS. REMOTE HEADS | +7'-6" (+2.3m) |
| DOOR BUZZER/PUSHBUTTON | +4'-6" (+1.35m) |
| INTERCOM STATION | +5' (+1.5m) |
| SECURITY KEYPAD/ANNUN. STATION | +4'-6" (+1.35m) |
| SECURITY CARD/FOB READER | +4' (+1.2m) |
- 22. BONDING TO INCLUDE BUT NOT BE LIMITED TO THE PROVISION OF EQUIPMENT BONDING TO GROUND - WHERE DEFINED BY C.E.C. SECTIONS 19-400 TO 19-700.**
- 23. BONDING CONTINUITY RELIANT SOLELY UPON METALLIC RACEWAY SYSTEM IS NOT PERMITTED. INCLUDE BONDING CONDUCTOR FOR WIRING INSTALLATIONS WITHIN METALLIC RACEWAYS.**

- SINGLE LINE / POWER DISTRIBUTION NOTES:**
- ALL DISTRIBUTION EQUIPMENT TO BE MATCHING TO EXISTING EQUIPMENT MANUFACTURER(S).
 - PROVIDE ALL DISTRIBUTION EQUIPMENT LABELLING AS INDICATED IN SPECIFICATIONS.
 - ENSURE CDP, PANELBOARD LOAD BALANCING TESTS ARE PERFORMED. MAX. 10% DIFFERENCE BETWEEN PHASES. MAKE ADJUSTMENTS BY RE-ARRANGE CCTS. (WHERE REQUIRED), AND RETEST. FINAL REPORT TO BE INCLUDED IN OMI MANUALS.
 - UNLESS OTHERWISE NOTED, ALL DISTRIBUTION EQUIPMENT UP TO 600V IS ASSUMED TO BE TEMPERATURE RATED FOR EITHER 75deg OR DUAL 60/75deg. E/C IS TO INFORM CONSULTANT WHERE THIS IS NOT THE CASE, PRIOR TO EQUIPMENT ORDER.
 - NEH BREAKERS INSTALLED IN EXISTING EQUIPMENT TO MATCH EXISTING IC RATING.

EXISTING ELECTRICAL WITHIN RENOVATION AREAS BOUNDARIES TO BE REMOVED (REMOVED TO SOURCE) WHERE FOUND TO BE ABANDONED / IN-USED AS PART OF RENOVATION WORK. THIS INCLUDES EXISTING ELECTRICAL DESIGNATED AS EXISTING TO REMAIN, OR WHERE NEEDED TO ACCOMMODATE AREAS OUTSIDE OF RENOVATION AREA, OR WHERE RE-USED TO ACCOMMODATE THE CONSTRUCTION PLANS. ALL/ANY ELECTRICAL EQUIPMENT/FIELD DEVICES LEFT ORPHANED BY DEMOLITION WORK TO BE RECONNECTED AND MADE GOOD. THE ABOVE IS INCLUSIVE OF ALL LINE AND LOW VOLTAGE SYSTEMS INSTALLATIONS, EQUIPMENT, & FIELD DEVICES. ELECTRICAL CONTRACTOR TO CO-ORDINATE THEIR DEMO SCOPE OF WORK WITH DEMOLITION CONTRACTOR. ELECTRICAL CONTRACTOR DEMO SCOPE OF WORK IS ANTICIPATED TO INCLUDE FOR DESIGNATION-OF AND DISCONNECTION-OF ALL EXISTING ELECTRICAL INSTALLATIONS REQUIRED TO BE REMOVED, WHILE DEMOLITION CONTRACTOR SCOPE OF WORK TO INCLUDE FOR REMOVAL.

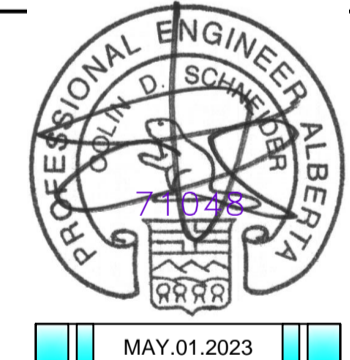


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NO.	DATE	DESCRIPTION
6	2023.05.01	ISSUED FOR RE-TENDER
5	2022.06.06	ISSUED FOR RE-TENDER
4	2022.04.27	ISSUED FOR TENDER
3	2022.03.22	ISSUED FOR PRE-TENDER REV.1
2	2022.03.15	ISSUED FOR PRE-TENDER
1	2022.03.04	ISSUED FOR FINAL REVIEW

REVISIONS	
SEAL / PERMIT	
ECCOM CONSULTING AFCCA PERMIT #	P10669
COLIN SCHNEIDER, P.ENG.	71048
	MAY 01, 2023



PROJECT
PEACE RIVER TOWN HALL - FRONT ENTRANCE ACCESSIBILITY

SHEET TITLE
ELECTRICAL NOTES/ SCHEMATICS

Drawn	Checked
MD	CS
Project No.	Date
2214	MAY 2023
Scale	SHEET No.
AS SHOWN.	E03