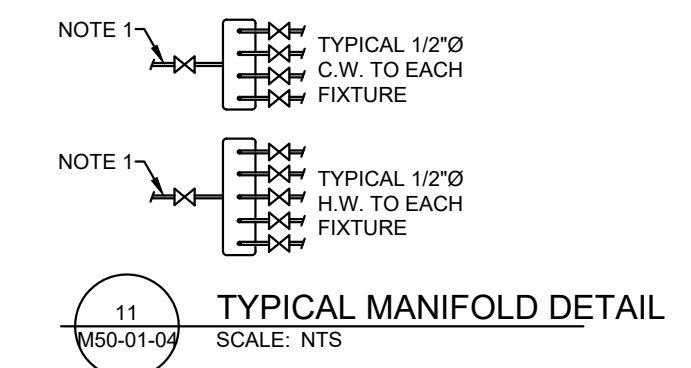
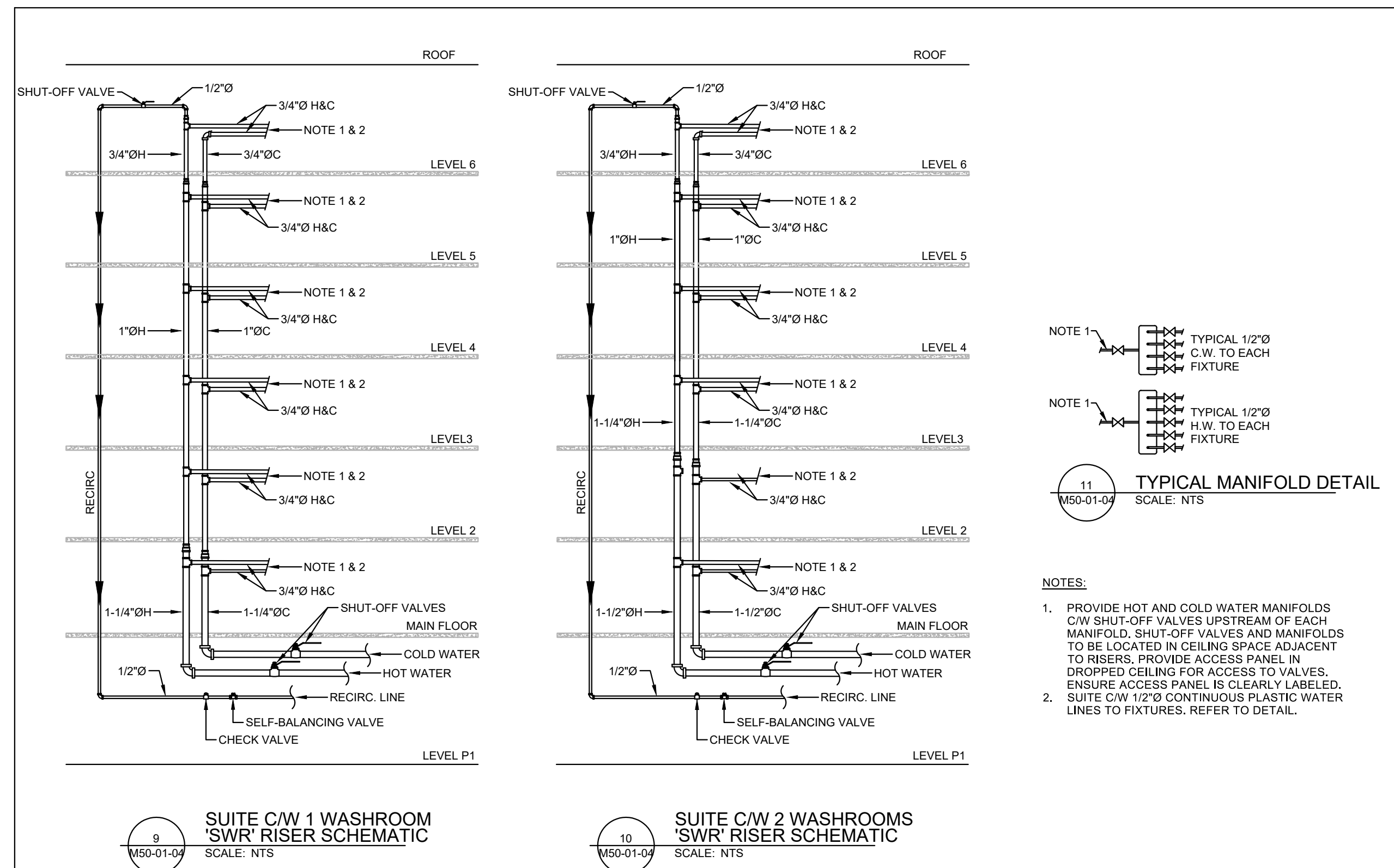
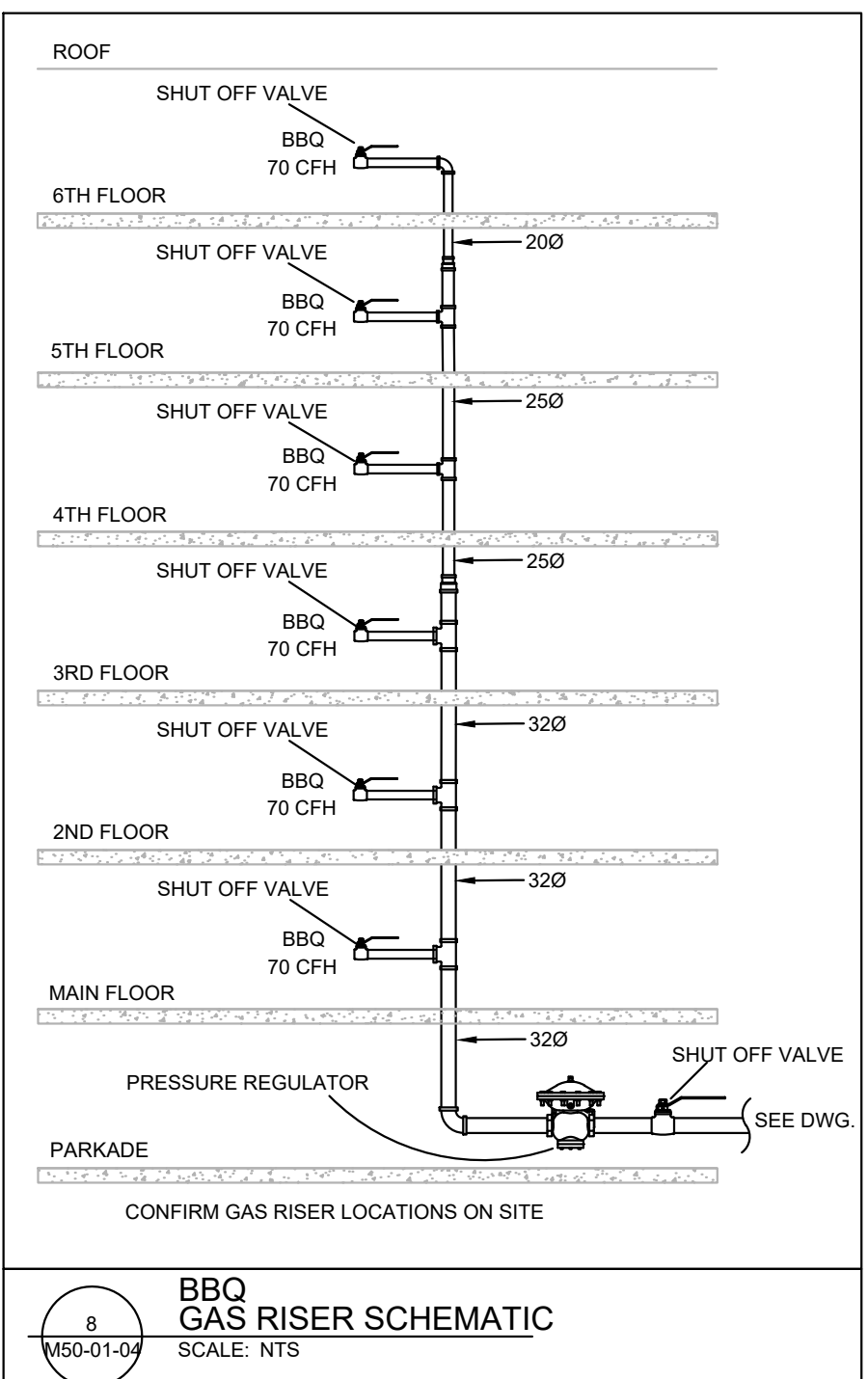
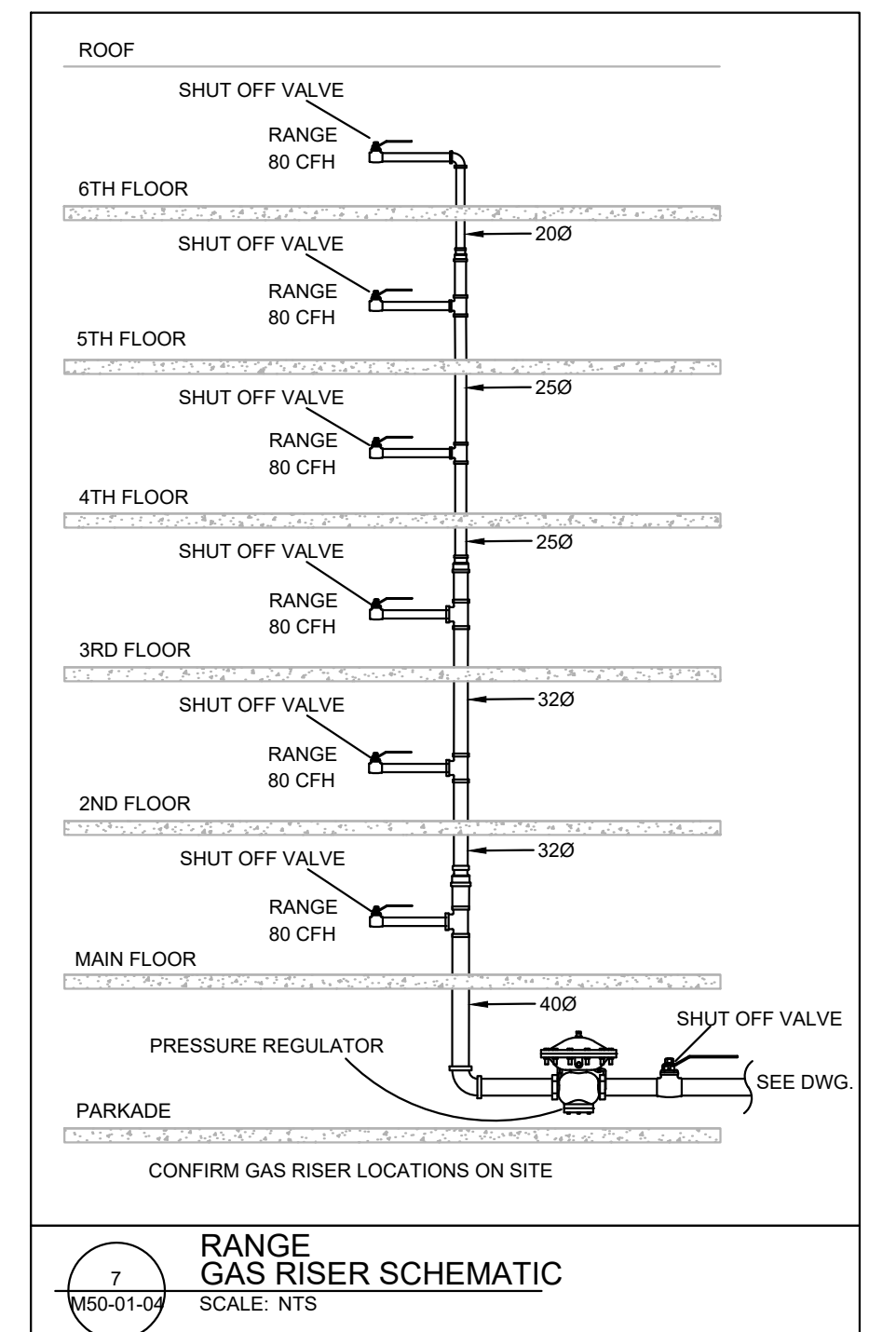
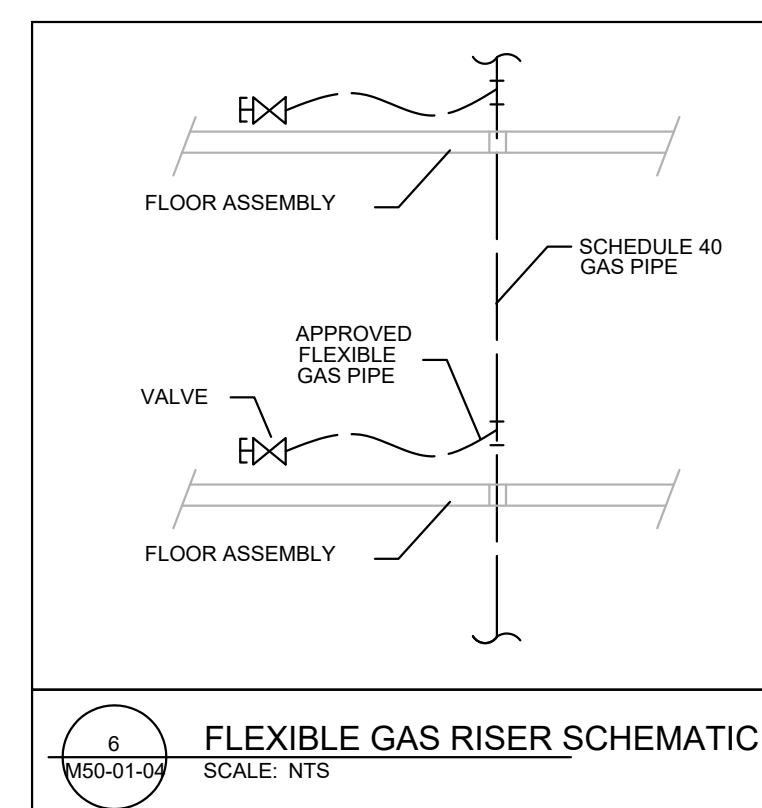
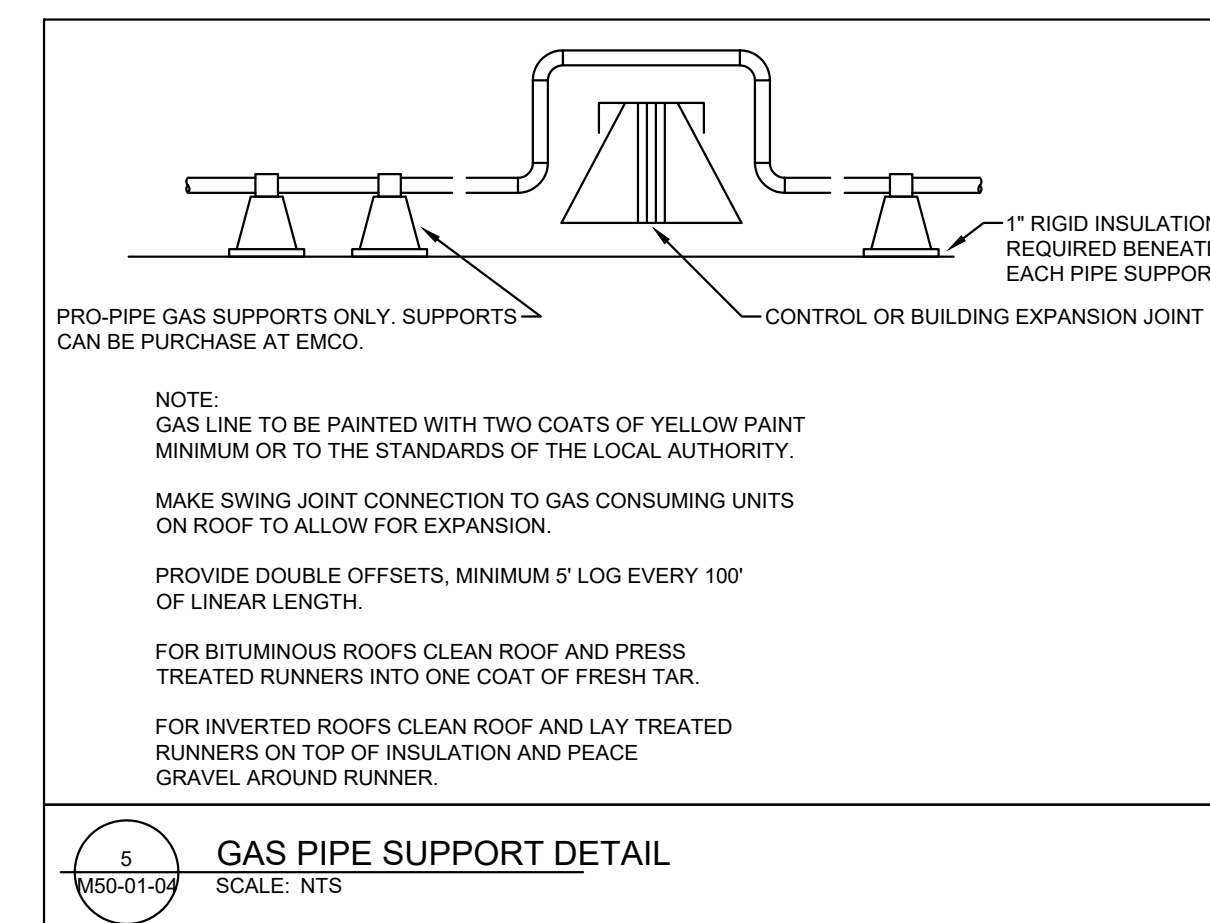
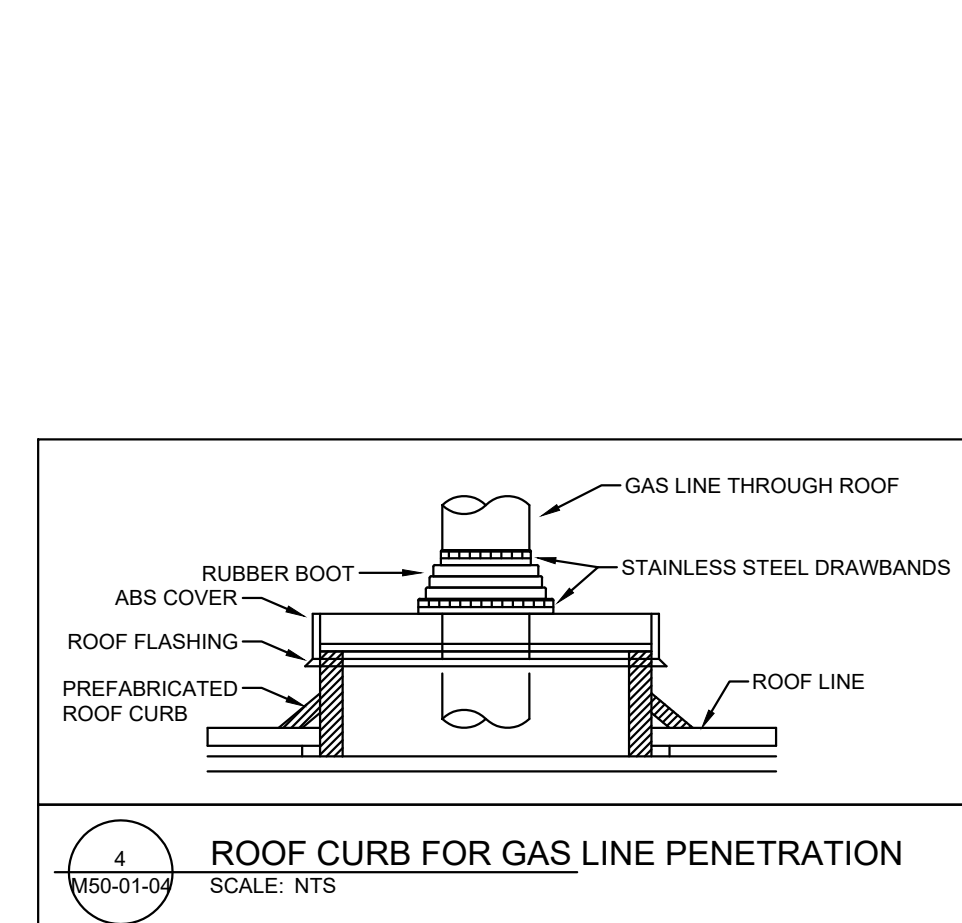
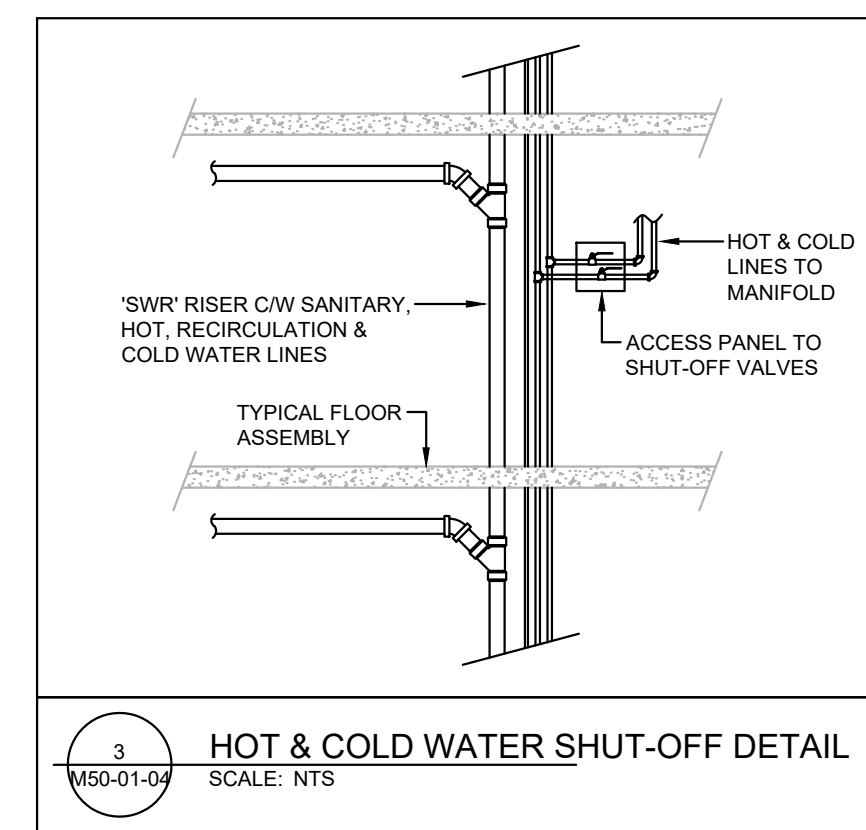
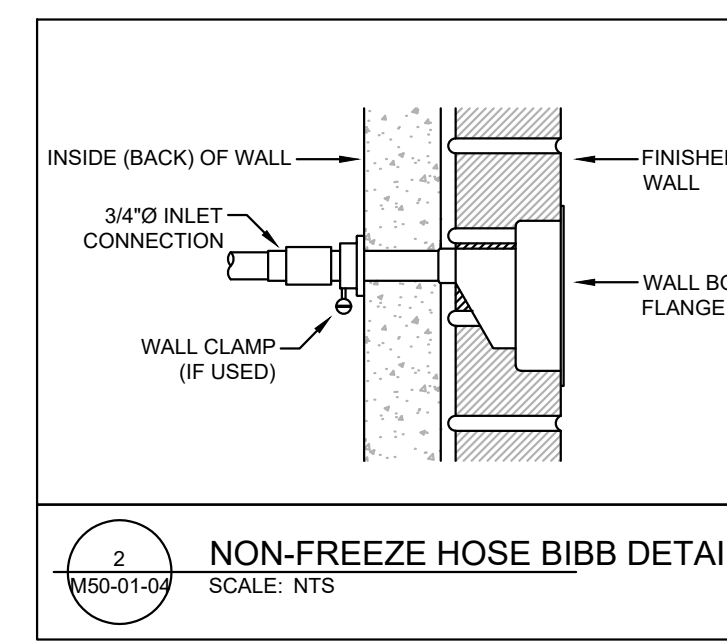


- WATER METER NOTES:**
- THE SPACE ABOVE, 2' BEHIND, AND THE ACCESS IN FRONT OF THE METER SETTING SHALL BE CLEAR AND FREE OF OBSTRUCTION. 6" HEADROOM MUST BE PROVIDED IN THIS AREA. PROVIDE ADEQUATE PIPE SUPPORT.
 - THE BY-PASS, INLET AND OUTLET VALVES SHALL BE A RESILIENT SEATED RISING SPINDLE (OS & Y) FLANGED GATE VALVE. CSA APPROVED.
 - THE MASTER CONTROL VALVE SHALL BE ONE OF THE FOLLOWING:
 - RESILIENT SEATED RISING SPINDLE (OS & Y) FLANGED GATE VALVE (UL OR ULG LISTED) FOR FIRE LINES AND CSA APPROVED FOR DOMESTIC LINES.
 - SHORT-BODY, RUBBER SEATED FLANGED OR LUG WATER TYPE BUTTERFLY VALVE C/W HAND WHEEL, REDUCTION GEAR OPERATOR, POSITION INDICATOR (UL OR ULG LISTED) PROVIDED THEY ARE NOT IN A SUCTION LINE FOR FIRE PUMPS(S).
 - ENTRANCE PIPE MATERIAL THROUGH THE OUTSIDE WALL AND THROUGH THE FLOOR SHALL BE DUCTILE IRON PIPE AWWA C151 (LATEST EDITION) CLASS 52 OR APPROVED EQUAL. BURIED FITTINGS (90° ELBOW) SHALL BE CAST OR DUCTILE IRON CONFORMING TO AWWA C110 (LATEST EDITION) OR APPROVED EQUAL. SERVICE ENTRIES THROUGH THE FLOOR (INCLUDING ANCHOR DETAILS) SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER AND DETAILED ON THE MECHANICAL SITE PLAN. ANCHOR RODS SHALL BE 18-8 STAINLESS STEEL, WHERE A STANDARD 10' LENGTH OF ROD REQUIRES EXTENSION, AN APPROVED STAINLESS HEXAGON NUT COUPLING SHALL BE INSTALLED AT THE UPPER END OF THE ROD.
 - WATERWORKS WILL NOT TURN ON WATER UNLESS ANCHOR DETAILS HAVE BEEN INSPECTED BY THE WATERWORKS INSPECTOR PRIOR TO PLACEMENT OF CONCRETE AND/OR BACKFILL.
 - PIPING MATERIAL FOR THE METER AND BY-PASS ASSEMBLY SHALL BE COPPER, STAINLESS STEEL OR PVC CONFORMING TO THE PLUMBING CODE.
 - AN APPROVED PREMISE ISOLATING CROSS CONNECTION DEVICE SHALL BE INSTALLED IMMEDIATELY AFTER THE WATER METER SETTING ON ALL COMMERCIAL, INDUSTRIAL AND MULTI FAMILY RESIDENTIAL (3 UNITS OR MORE) SERVICES.
 - FOR DOMESTIC SERVICES THAT REQUIRED A 24 HOUR UNINTERRUPTED WATER SUPPLY, A PARALLEL CROSS CONNECTION CONTROL DEVICE ARRANGEMENT MUST BE INSTALLED TO FACILITATE ANNUAL TESTING & ROUTINE MAINTENANCE OF THE CROSS CONNECTION CONTROL DEVICE(S).
 - A PARALLEL CROSS-CONNECTION CONTROL ARRANGEMENT IS REQUIRED FOR BUILDINGS WITH 12 OR MORE RESIDENTIAL UNITS OR FOR OTHER SERVICES REQUIRING UNINTERRUPTED WATER SUPPLY.
 - BY-PASS IS NOT REQUIRED FOR IRRIGATION METERS. THE BY-PASS PIPE SHALL BE THE SAME AS THE MAIN PIPE.
 - WHEN THE BY-PASS VALVE IS INSTALLED ON A VERTICAL PLANE, IT SHALL BE AS SHOWN.
 - WATER CONNECTIONS (IE. DRAIN DOWN VALVE OR HOSE BIBB ETC.) SHALL NOT BE PERMITTED BEFORE THE APPROVED CROSS CONNECTION CONTROL DEVICE. FOR INQUIRY CALL 311.
 - AN APPROVED PREMISE-ISOLATING CROSS CONNECTION CONTROL DEVICE SHALL BE INSTALLED IMMEDIATELY AFTER THE WATER METER OUTLET VALVE ON ALL IRRIGATION SERVICES.
 - METERS MUST BE INSTALLED IN A METECHANICAL ROOM WITHIN REASONABLE DISTANCE OF A FLOOR DRAIN. METER LOCATIONS MUST BE APPROVED BY WATER RESOURCES.
 - IT IS THE OWNERS RESPONSIBILITY TO ENSURE THAT THERE IS SAFE ACCESS AND THE ABILITY TO OPERATE ALL VALVES WITHIN THE METER TREE FROM FLOOR ABOVE.
 - INTERNAL PLUMBING STUB TO TERMINATE A MINIMUM OF 6'-8" OUT FROM EXTERIOR WALL OR FOOTING. ENTRANCE OF PIPE THROUGH WALL SHALL BE PERPENDICULAR (90°) TO WALL.
 - ANCHOR RODS TO BE 3/4" FOR 4"-8" SERVICE, 7/8" FOR 6"-12" SERVICE AND 1" FOR 14"-18" SERVICE.
 - A RESTRAINED FLANGE ADAPTOR MAY BE USED TO CONNECT THE RISER OR WALL ENTRY PIPE TO THE MASTER CONTROL VALVE. RESTRAINED FLANGE ADAPTOR SHALL BE EBAA SERIES 2100 MEGA FLANGE OR APPROVED EQUAL.
 - VALVES ARE REQUIRED ADJACENT TO METERS (INLET & OUTLET SIDE).
 - ALTERNATE ARRANGEMENT OF PIPING AND VALVING MUST HAVE THE APPROVAL OF THE WATERWORKS METER SECTION PRIOR TO INSTALLATION.



- NOTES:**
- PROVIDE HOT AND COLD WATER MANIFOLDS C/W SHUT-OFF VALVES UPSTREAM OF EACH MANIFOLD. SHUT-OFF VALVES AND MANIFOLDS TO BE LOCATED IN CEILING SPACE ADJACENT TO RISERS. PROVIDE ACCESS PANEL IN DROPPED CEILING FOR ACCESS TO VALVES. ENSURE ACCESS PANEL IS CLEARLY LABELED.
 - SUITE C/W 1/2" CONTINUOUS PLASTIC WATER LINES TO FIXTURES. REFER TO DETAIL.

ISSUED FOR COORDINATION

NO. ISSUE/REVISION DATE
1 30% Review 2026-04-30

PROJECT MANAGER DRAWN
K.V T.K/G.T
PROJECT LEAD CHECKED
J.P/G.U J.P/G.U/K.V

BLACK BEAR CROSSING - BLACK BIRCH HEIGHTS

BLACK BEAR CROSSING SW, TSUU T'INA NATION 145 AB

PROJECT # 25141.1
CITY FILE #



BUILDING A & PARKADE MECHANICAL DETAILS

SCALE

M50-01-04

ISSUED FOR
COORDINATION

NO. ISSUE/REVISION DATE
1 30% Review 2026-04-30

PROJECT MANAGER DRAWN
K.V T.K/G.T
PROJECT LEAD CHECKED
J.P/G.U J.P/G.U/K.V

BLACK BEAR
CROSSING - BLACK
BIRCH HEIGHTS

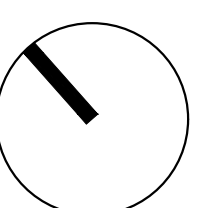
BLACK BEAR CROSSING SW, TSUU
T'INA NATION 145 AB

PROJECT # 25141.1
CITY FILE #

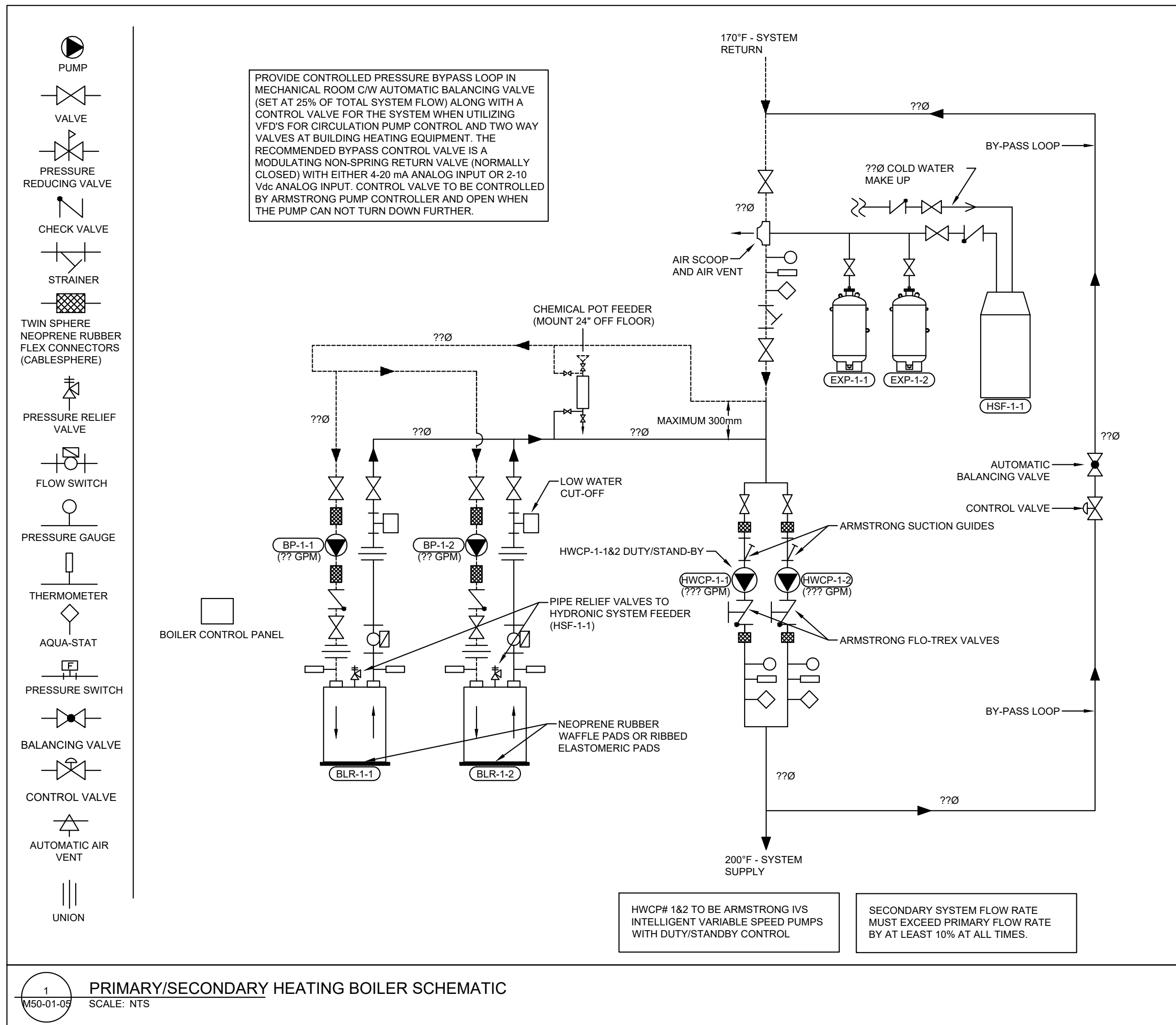
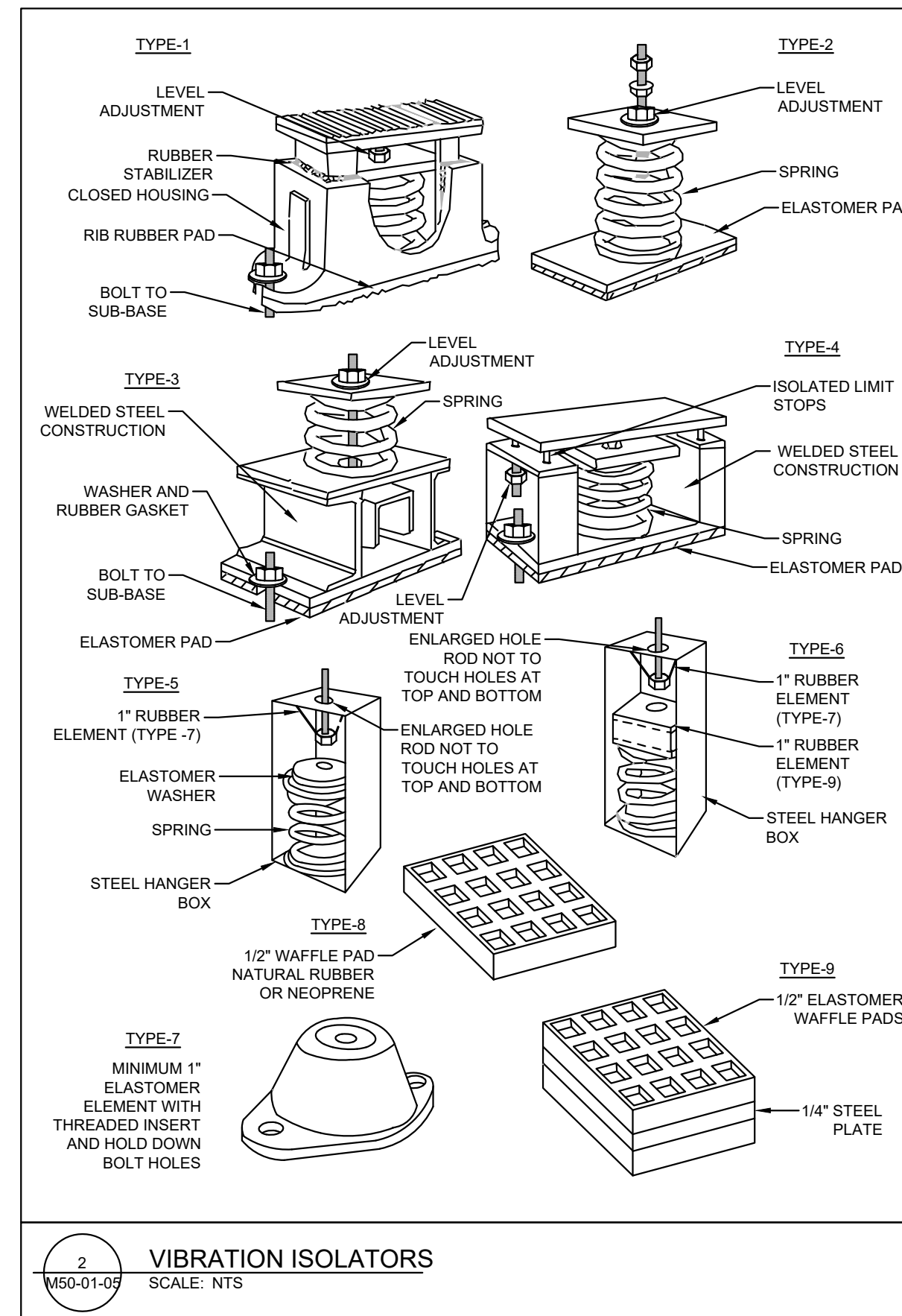
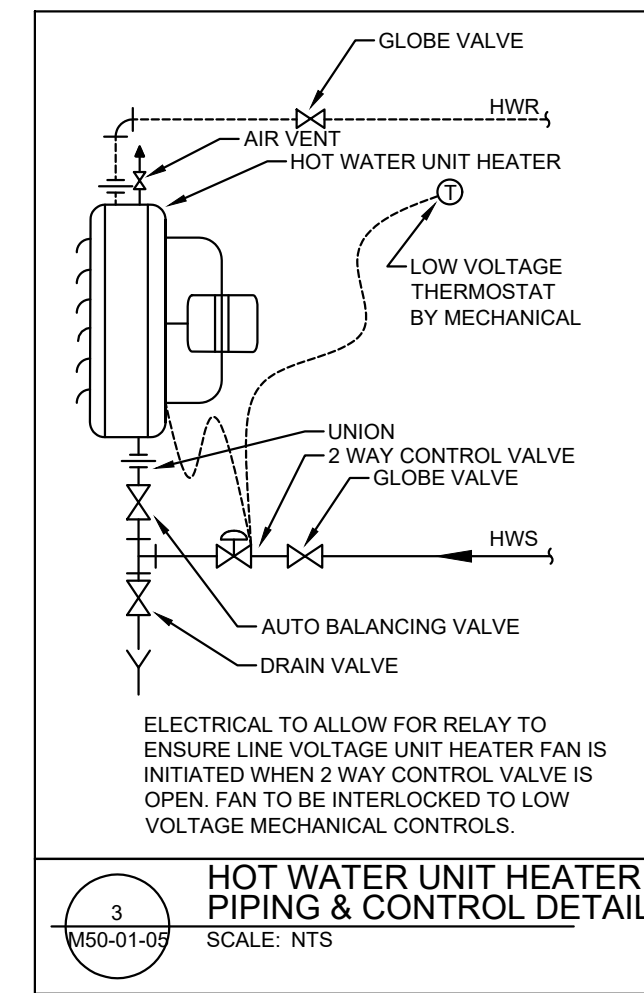
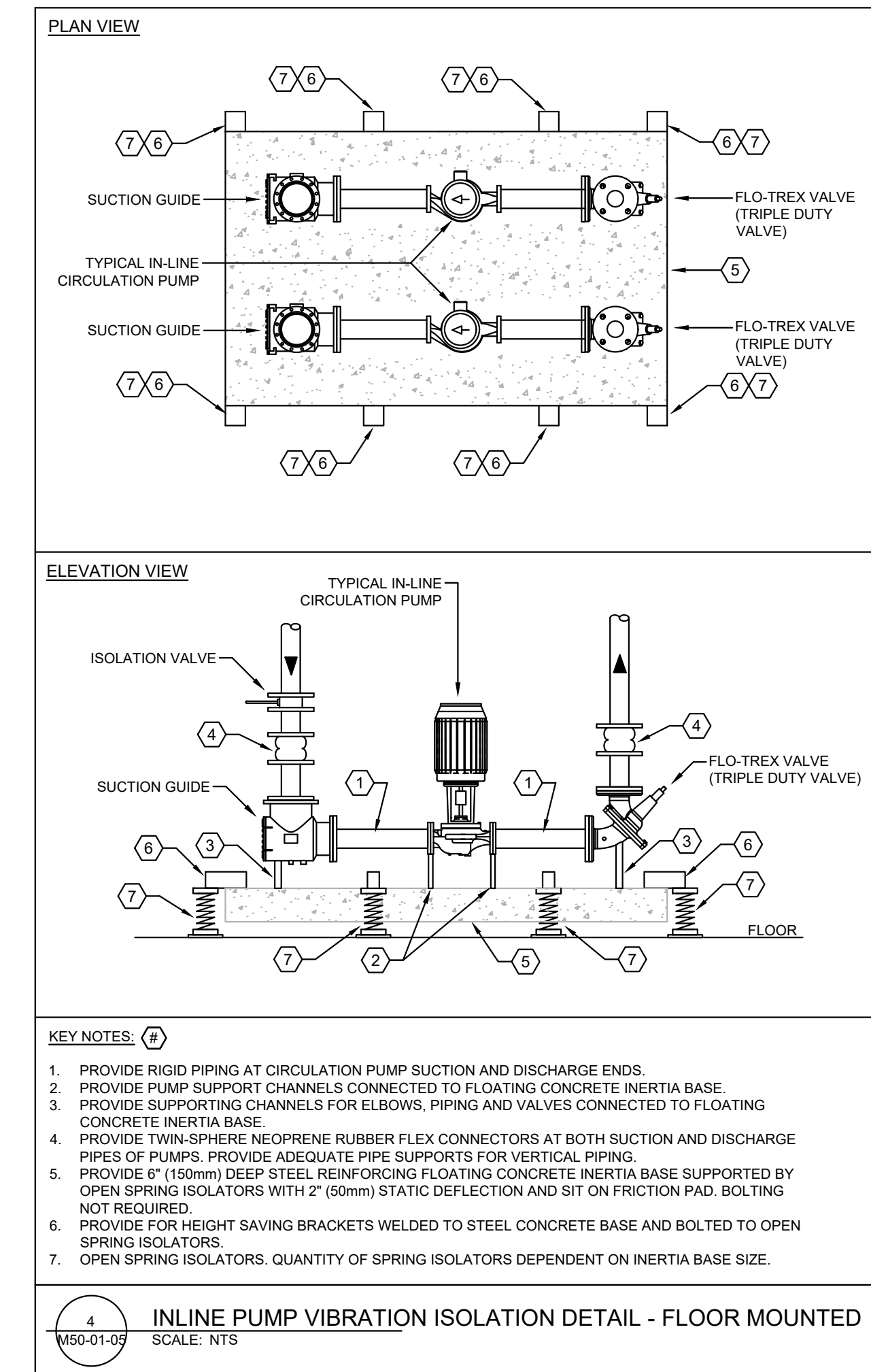


BUILDING A &
PARKADE
MECHANICAL
DETAILS

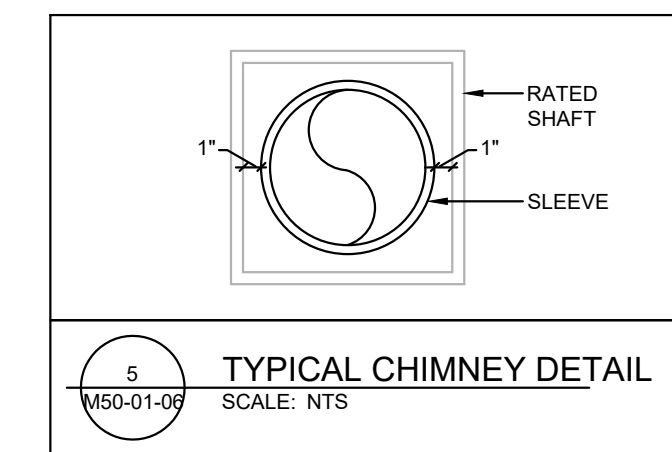
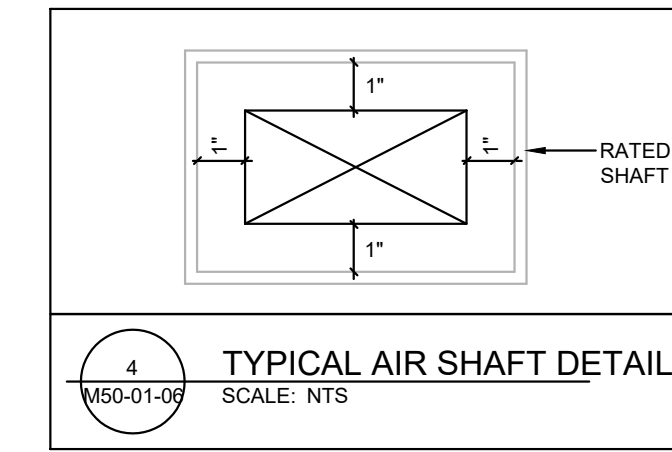
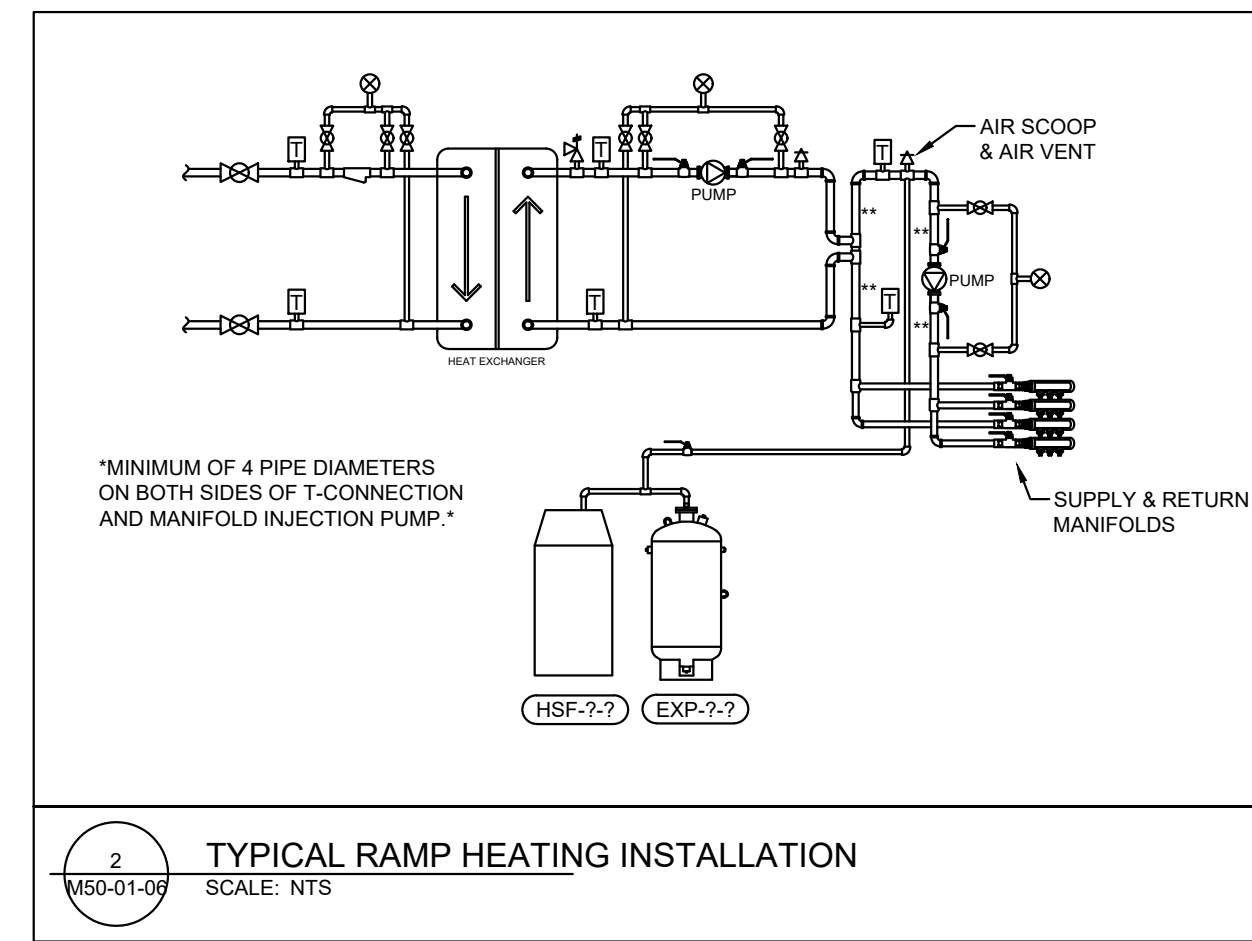
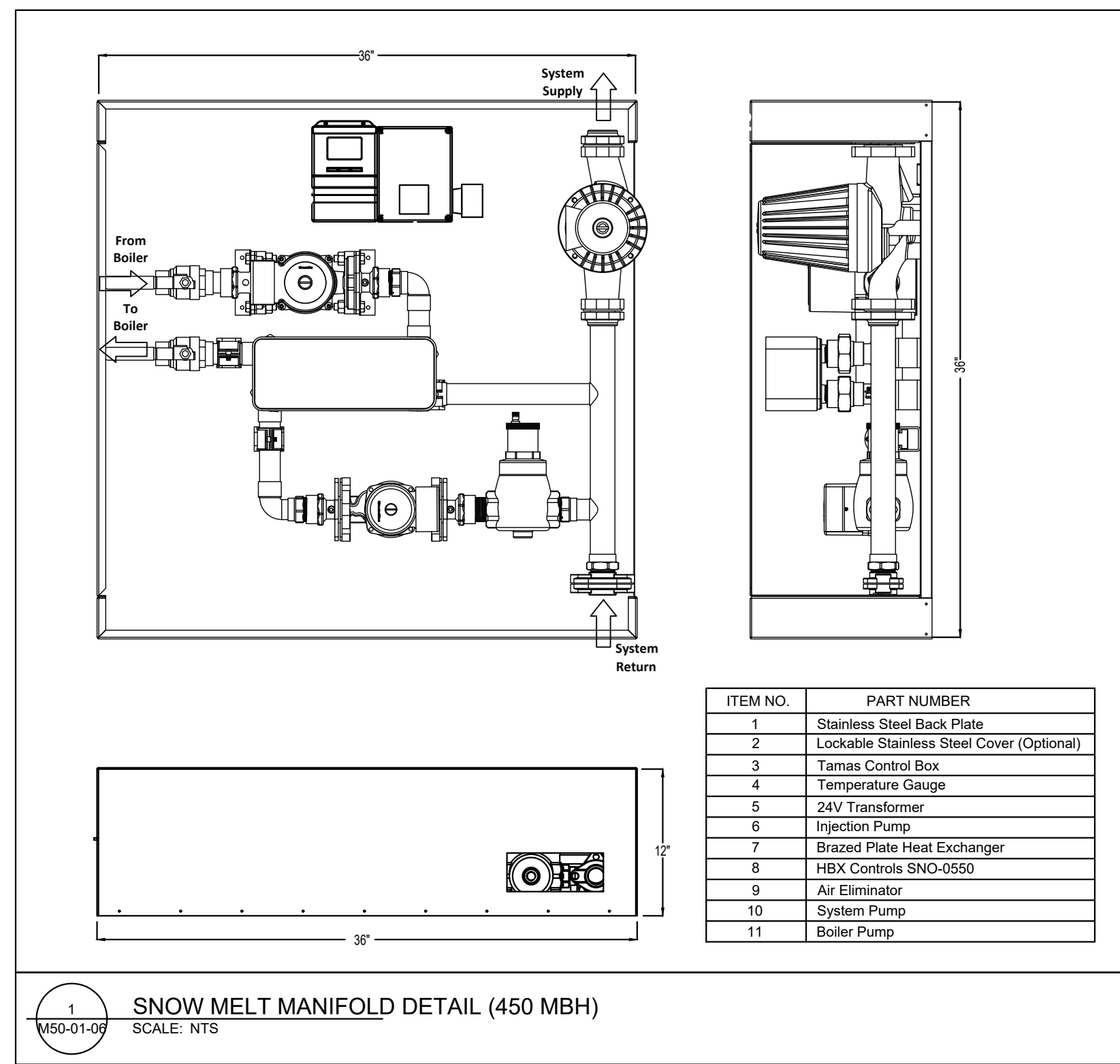
SCALE



M50-01-05

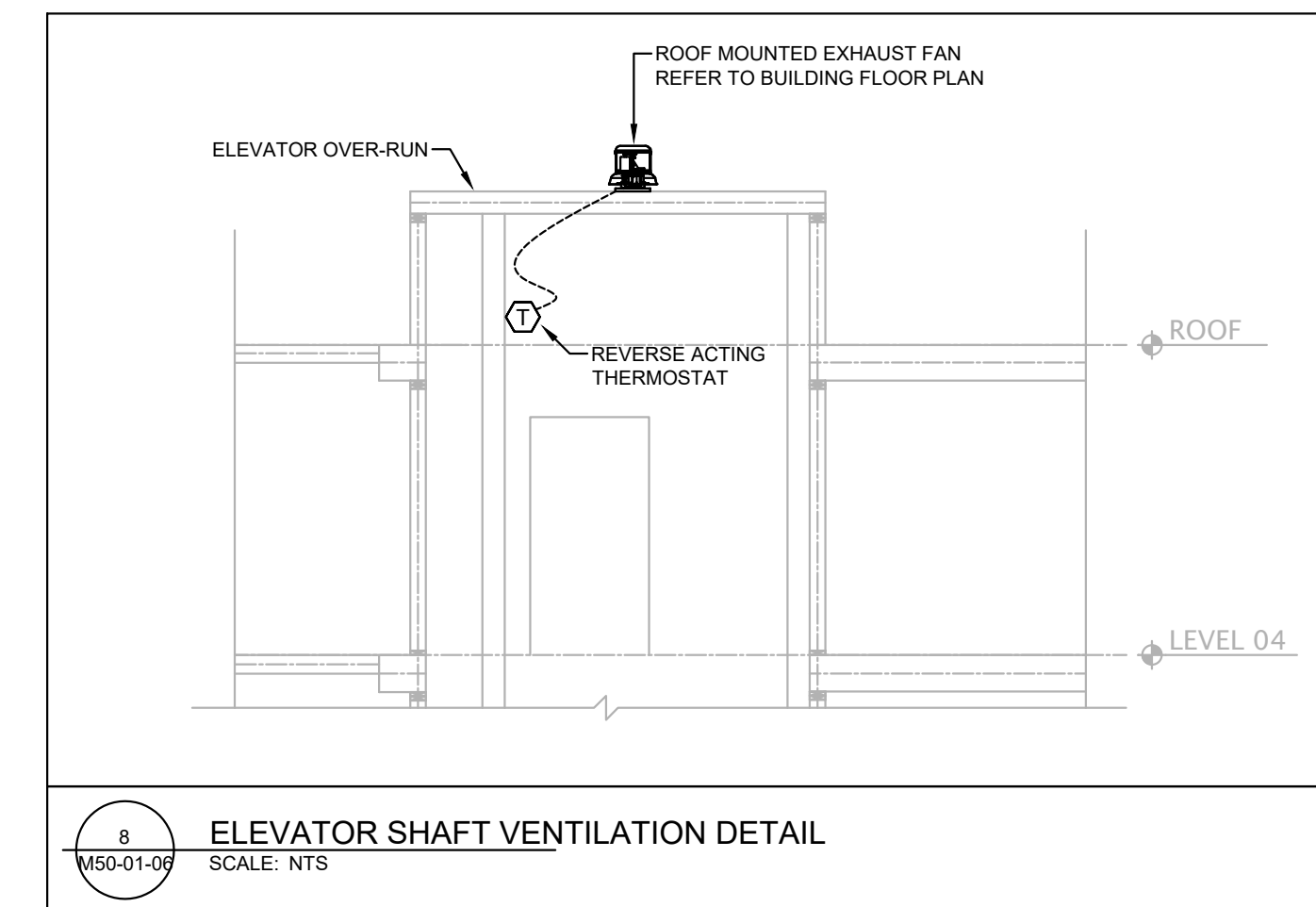
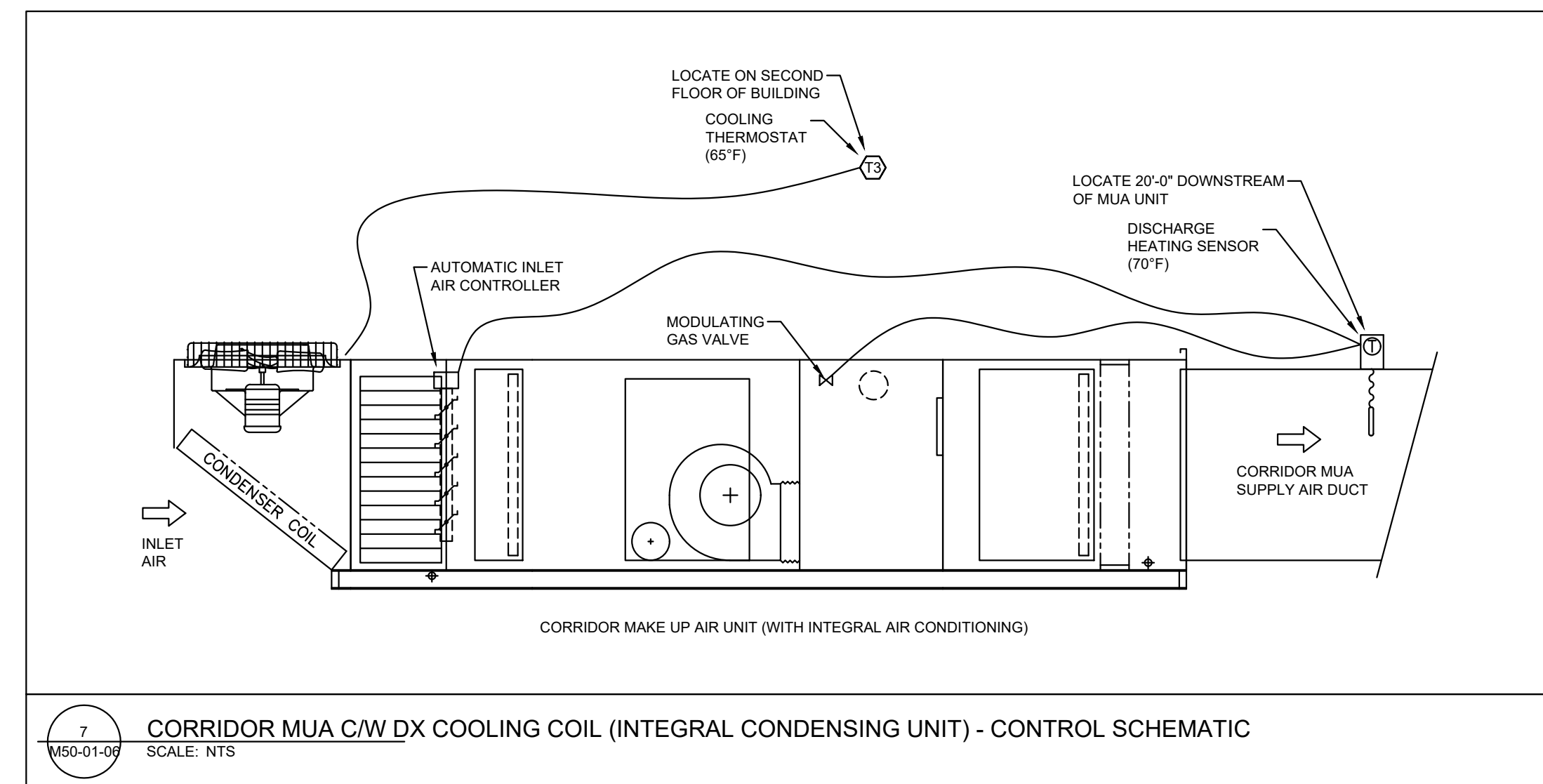
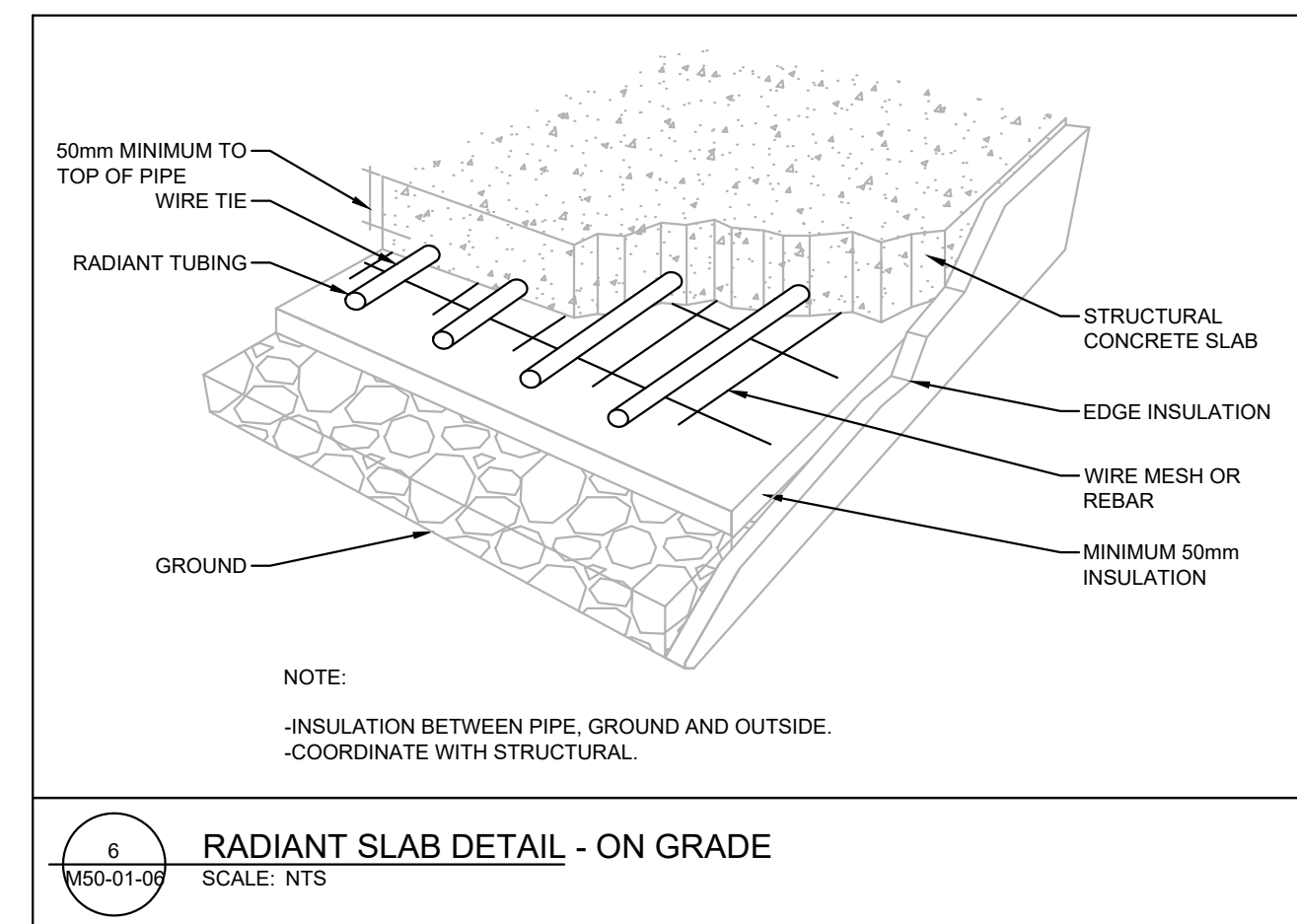


1 PRIMARY/SECONDARY HEATING BOILER SCHEMATIC
M50-01-05 SCALE: NTS



ISSUED FOR
COORDINATION

NO. ISSUE/REVISION DATE
1 30% Review 2026-04-30

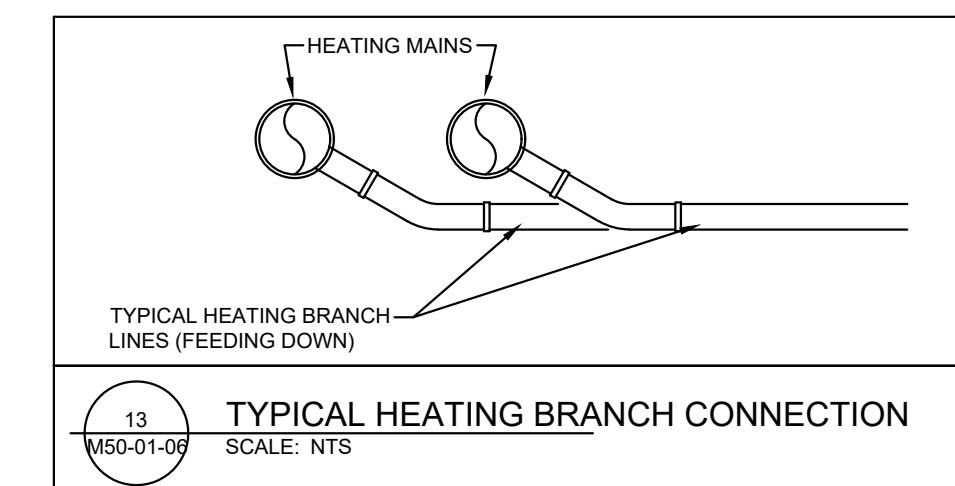
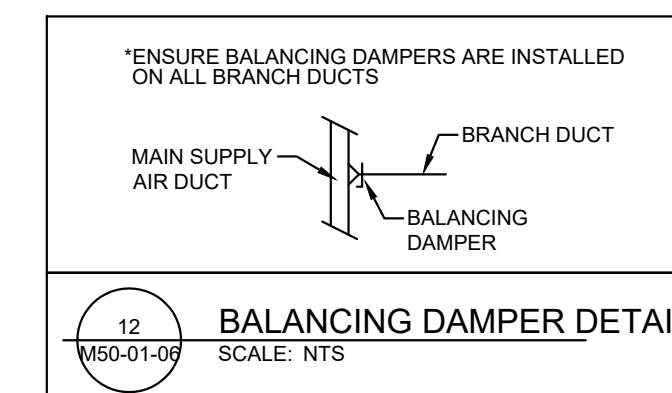
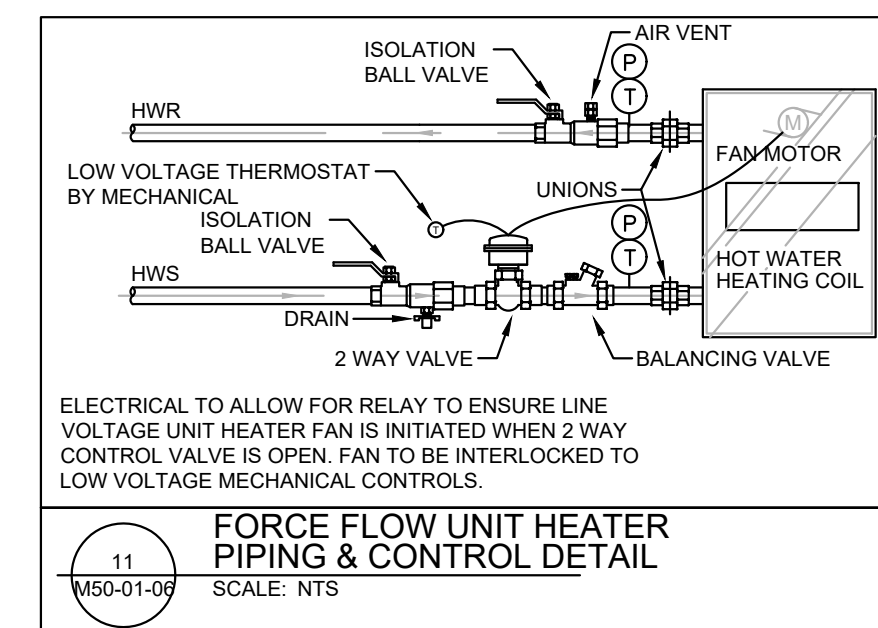
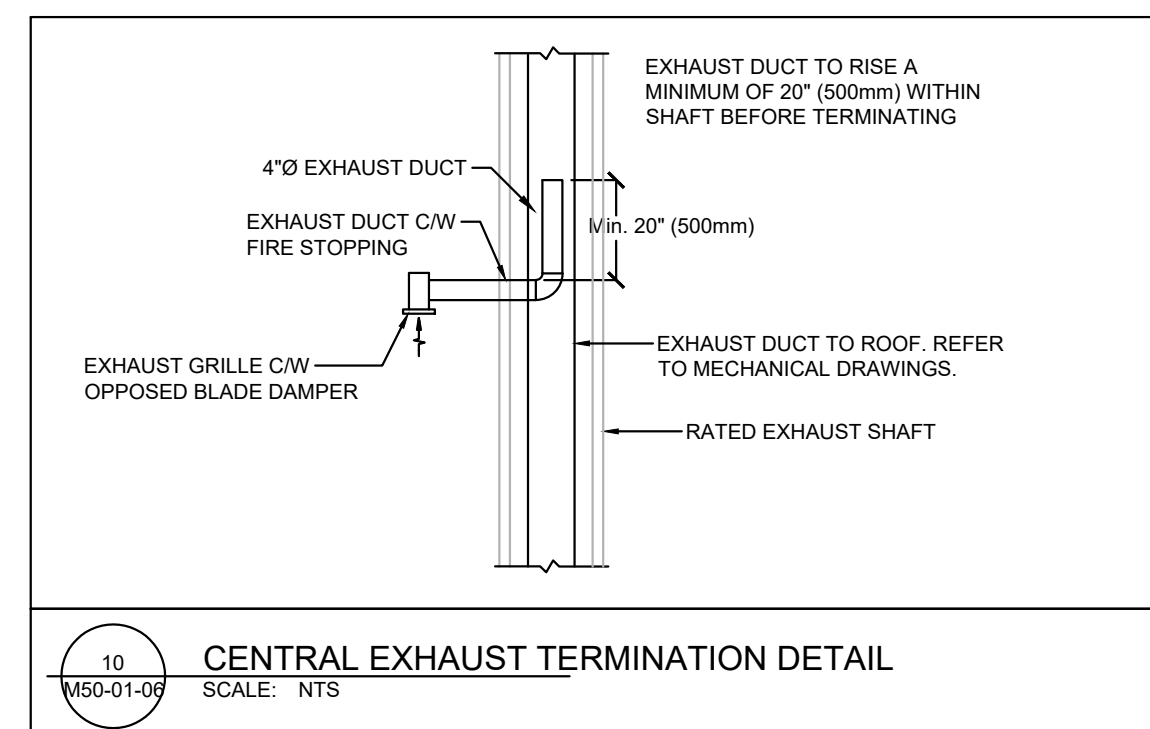
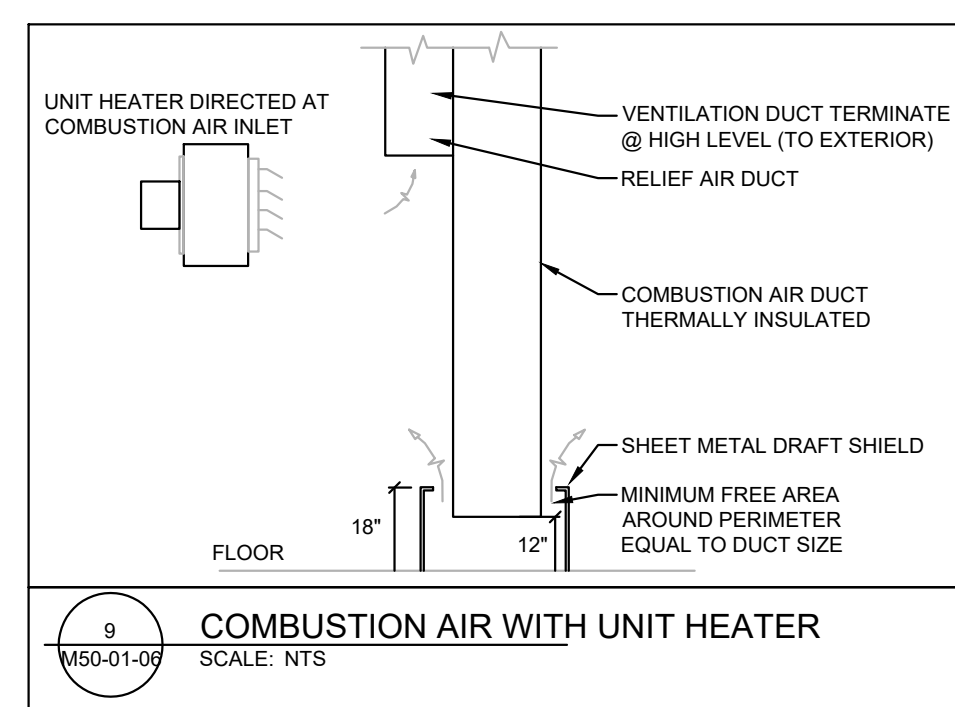


PROJECT MANAGER DRAWN
K.V T.K/G.T
PROJECT LEAD CHECKED
J.P/G.U J.P/G.U/K.V

BLACK BEAR
CROSSING - BLACK
BIRCH HEIGHTS

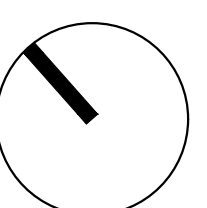
BLACK BEAR CROSSING SW, TSUU
T'INA NATION 145 AB

PROJECT # 25141.1
CITY FILE #

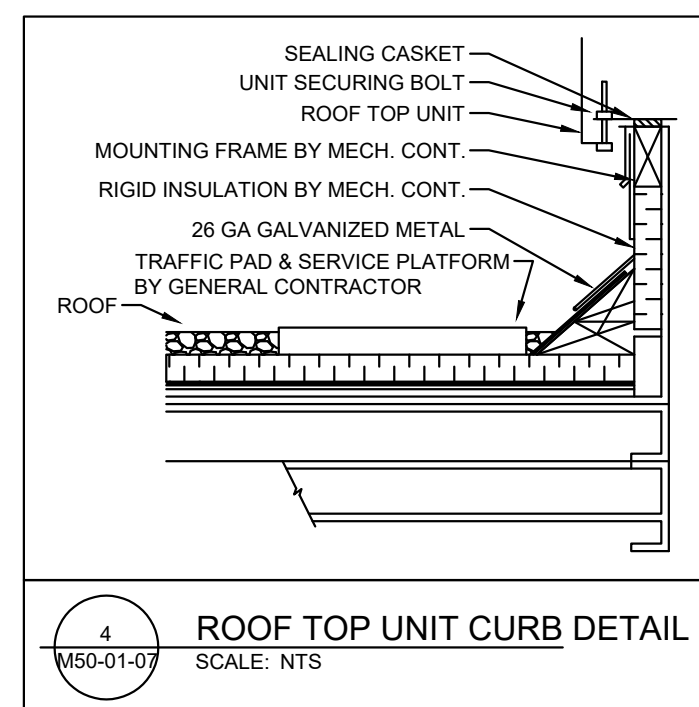
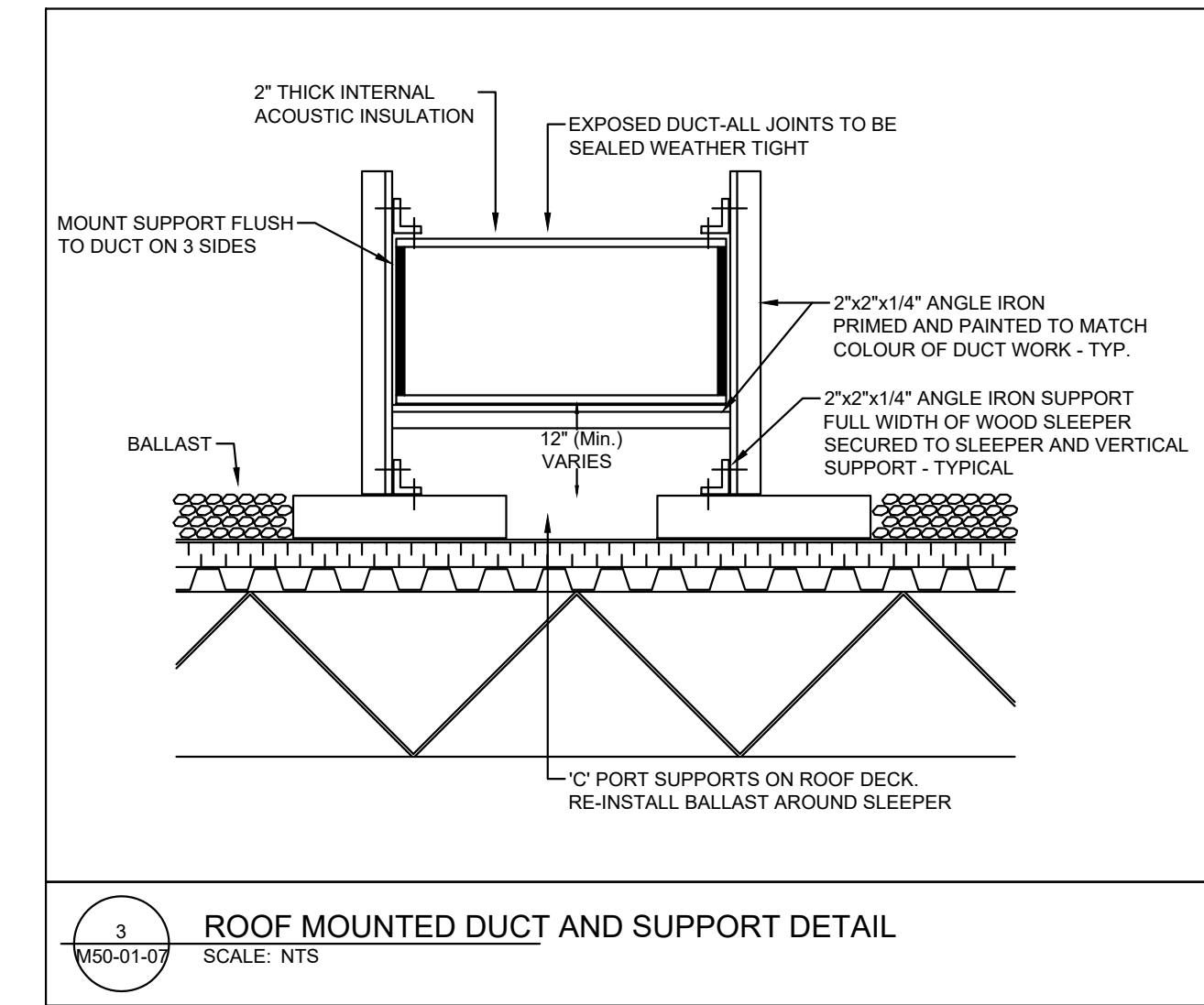
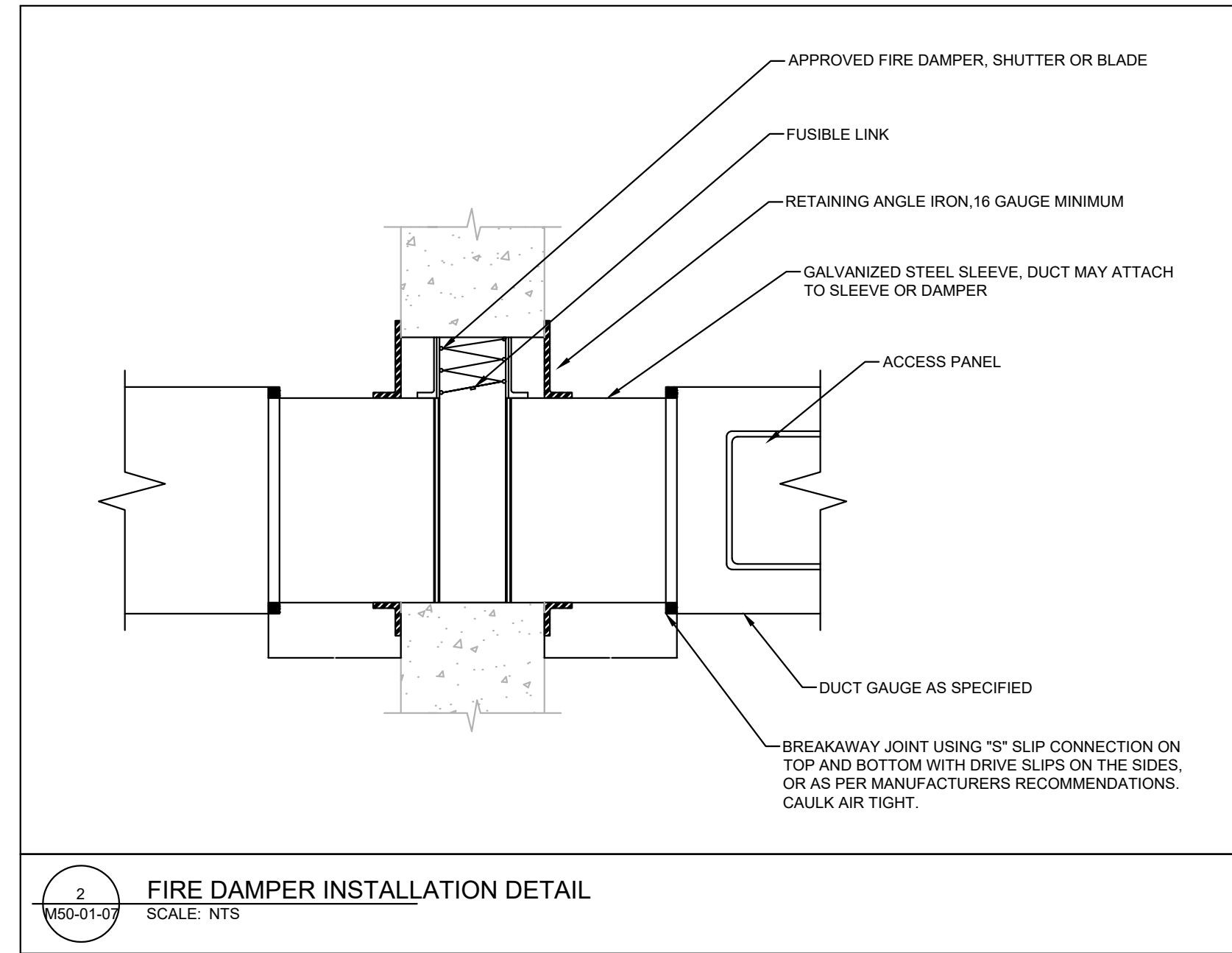
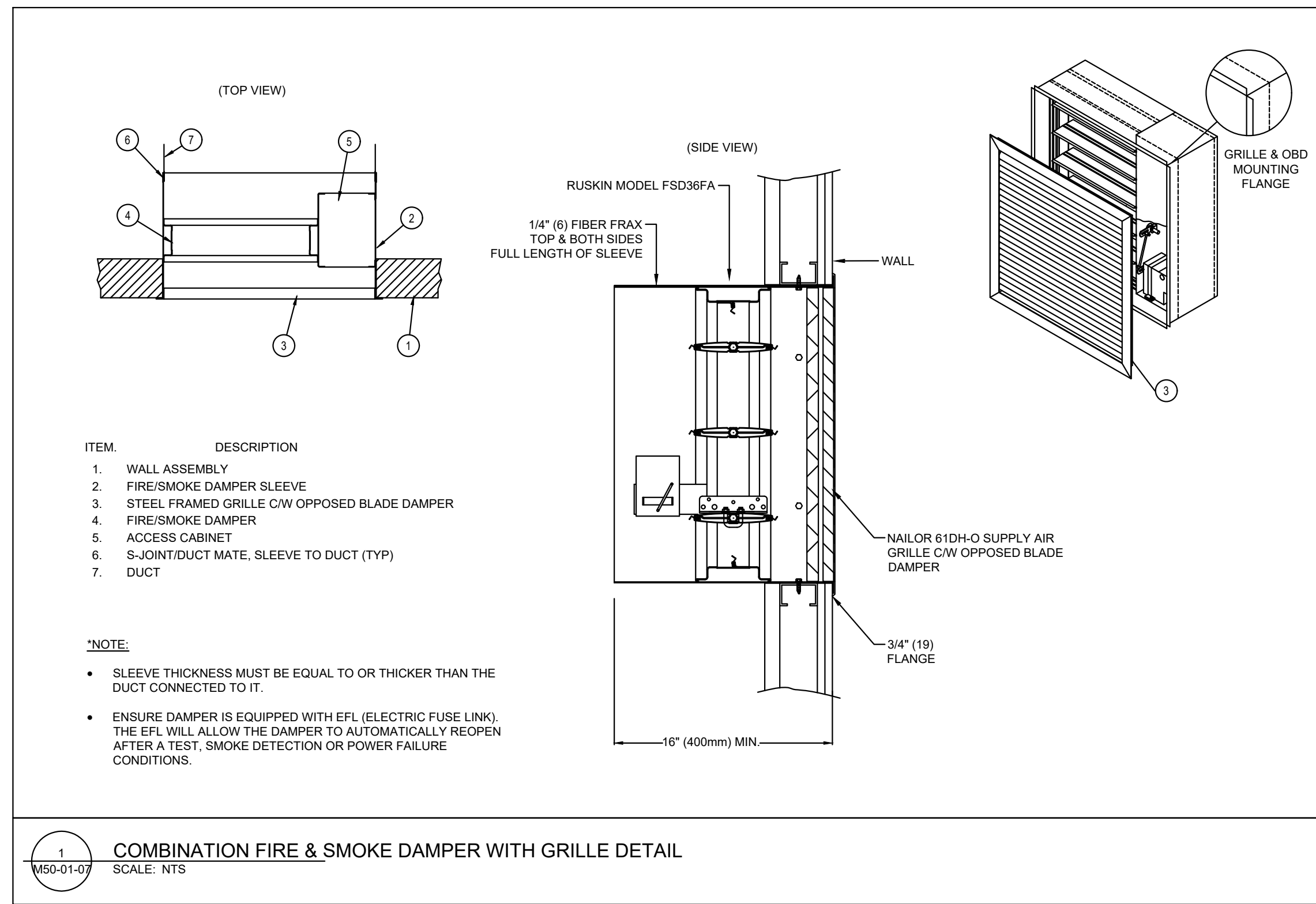


BUILDING A &
PARKADE
MECHANICAL
DETAILS

SCALE



M50-01-06



ISSUED FOR
COORDINATION

NO.	ISSUE/REVISION	DATE
1	30% Review	2026-04-30

PROJECT MANAGER	DRAWN
K.V	T.K/G.T
PROJECT LEAD	CHECKED
J.P/G.U	J.P/G.U/K.V

BLACK BEAR
CROSSING - BLACK
BIRCH HEIGHTS

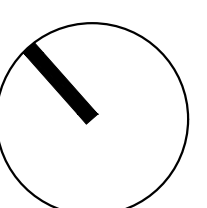
BLACK BEAR CROSSING SW, TSUU
T'INA NATION 145 AB

PROJECT # 25141.1
CITY FILE #



BUILDING A &
PARKADE
MECHANICAL
DETAILS

SCALE



M50-01-07

ISSUED FOR
COORDINATION

NO. ISSUE/REVISION DATE
1 30% Review 2026-04-30

PROJECT MANAGER DRAWN
K.V T.K/G.T
PROJECT LEAD CHECKED
J.P/G.U J.P/G.U/K.V

BLACK BEAR
CROSSING - BLACK
BIRCH HEIGHTS

BLACK BEAR CROSSING SW, TSUU
T'INA NATION 145 AB

PROJECT # 25141.1
CITY FILE #



SITE PLAN
SHALLOW SERVICES
LAYOUT

SCALE

ME10-00-01



PROJECT INFORMATION:
LEGAL DESCRIPTION:
MUNICIPAL ADDRESS:

GRADING INFORMATION IS FOR REFERENCE ONLY.
REFER TO CIVIL ENGINEERS DRAWINGS FOR ALL
DEEP SERVICE INFORMATION.

THIS DRAWING IS FOR REFERENCE ONLY. REFER
TO CIVIL ENGINEERS DRAWINGS FOR ALL DEEP
SERVICE INFORMATION.

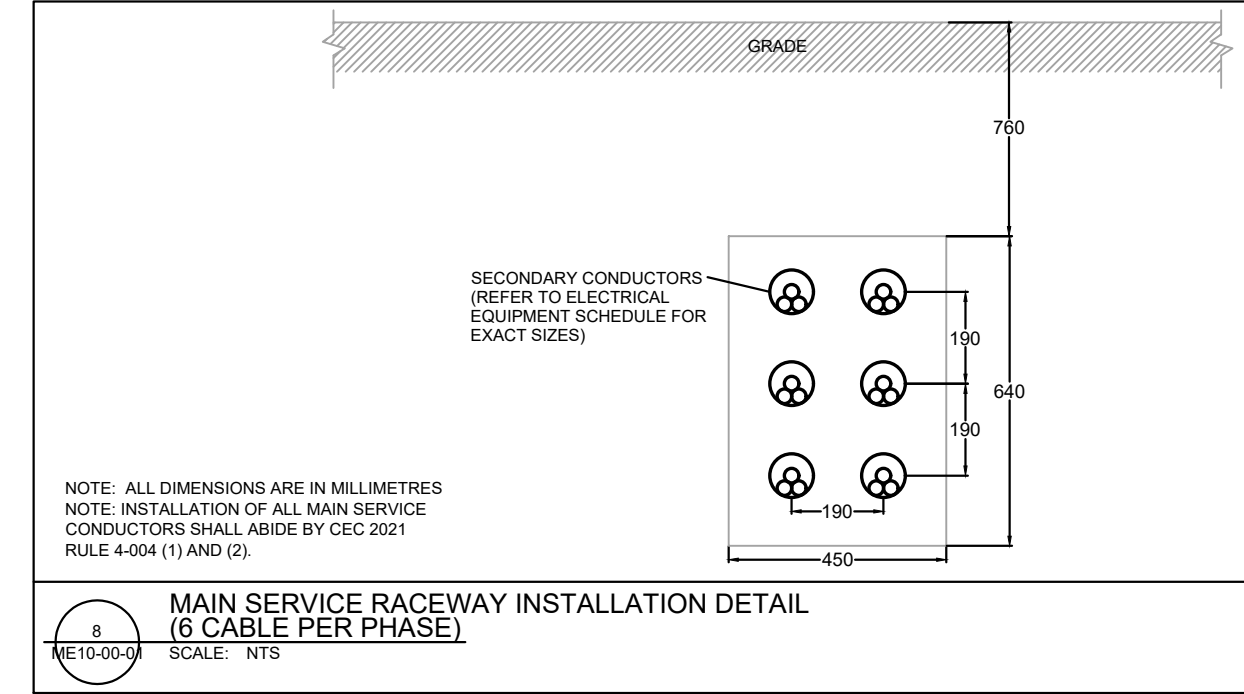
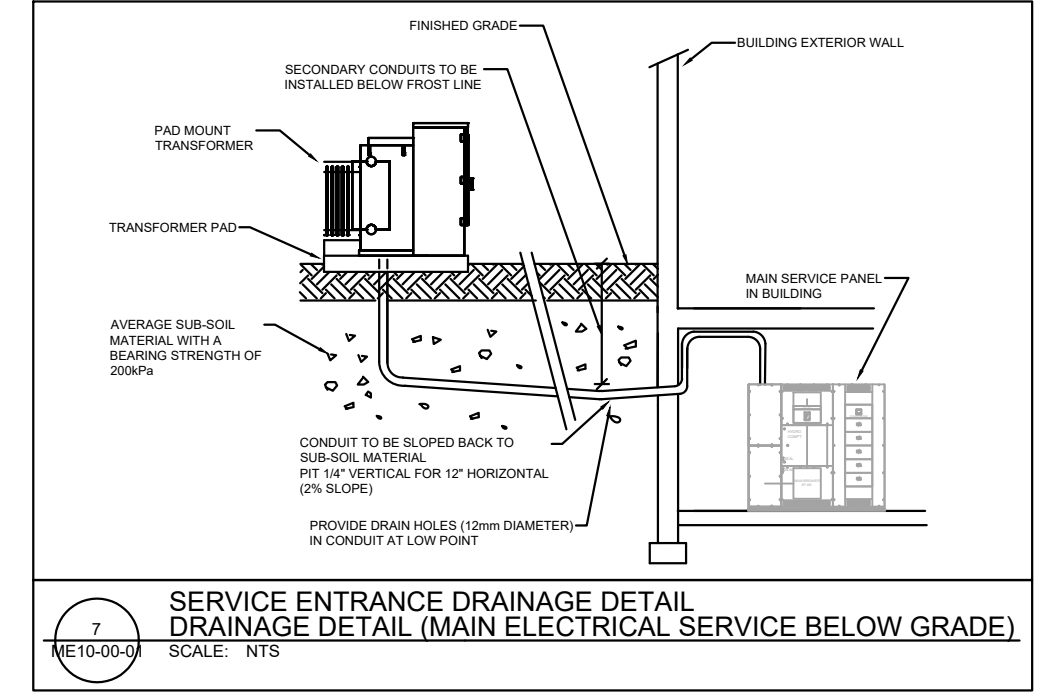
REFER TO SHALLOW SERVICE DESIGN DRAWINGS FOR ALL
SHALLOW SERVICE INFORMATION FOR EACH BUILDING.

SITE DRAWING KEY NOTES:

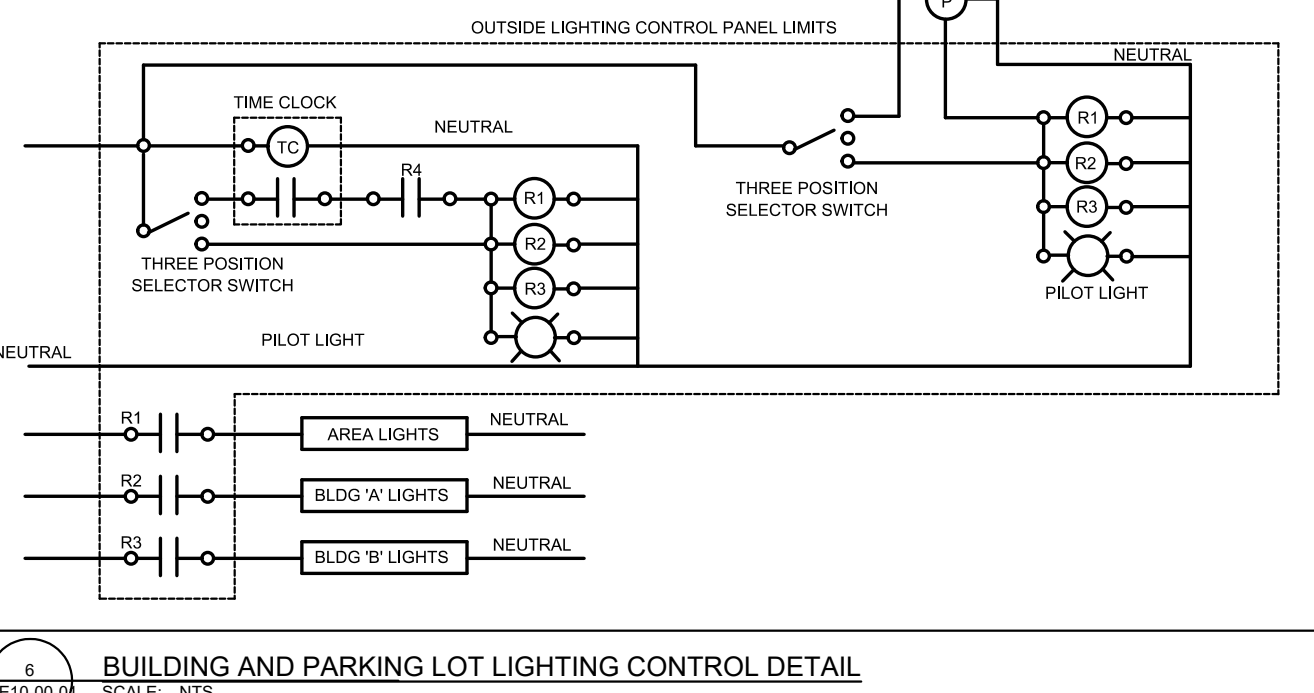
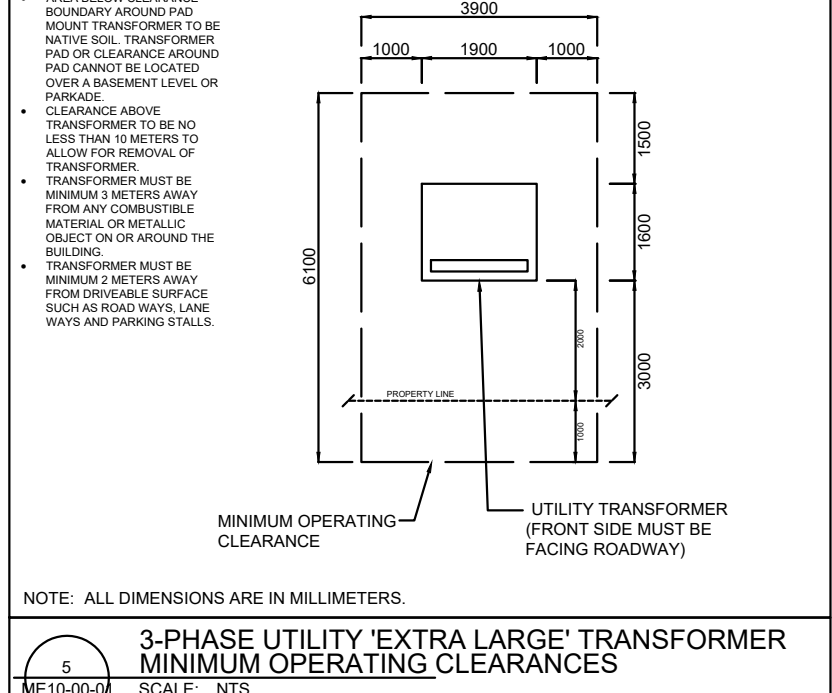
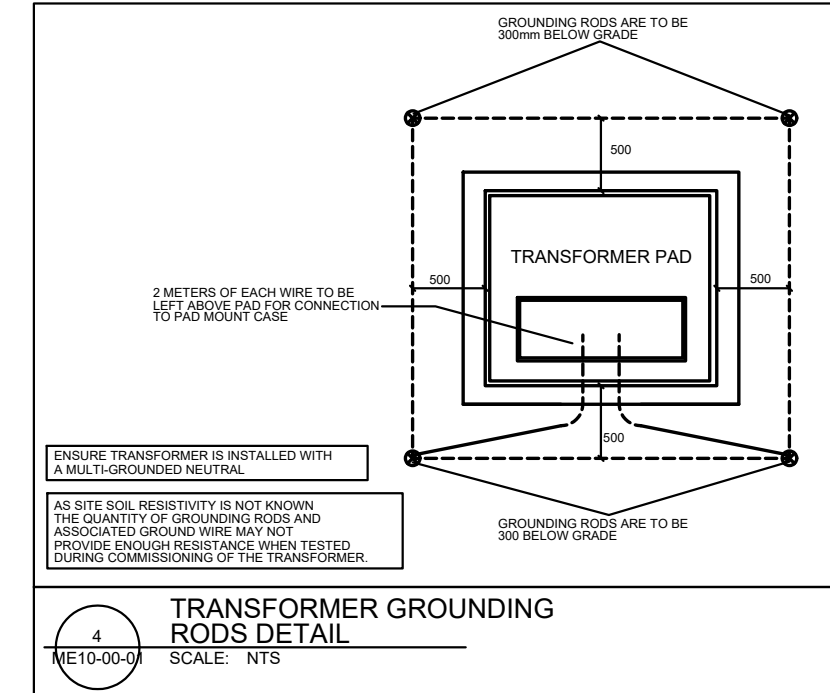
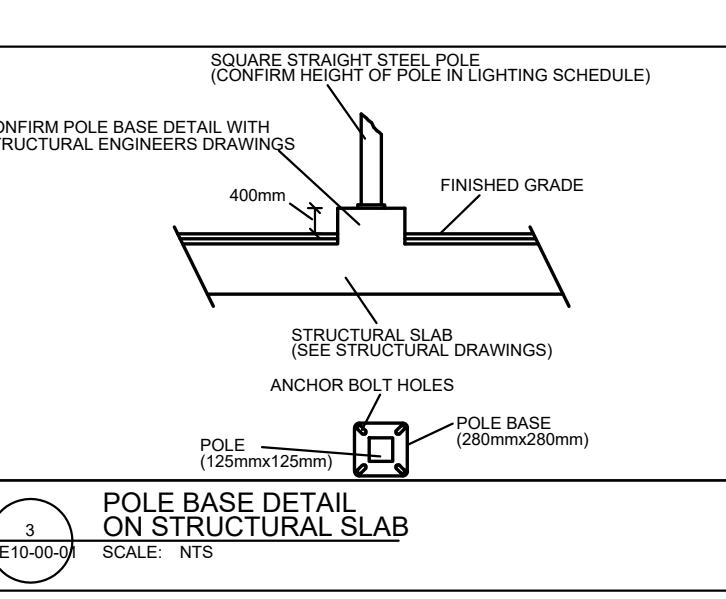
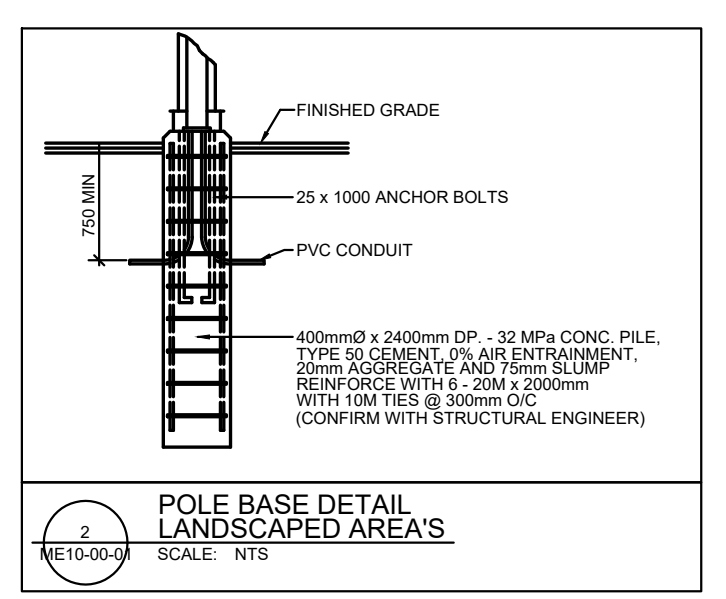
1. PROVIDE AND INSTALL 1" CONDUIT AND JUNCTION BOX FOR EXTERIOR SIGNAGE AT LOCATIONS SHOWN. COORDINATE EXACT LOCATIONS OF EXTERIOR SIGNAGE AND ELECTRICAL REQUIREMENTS WITH SIGNAGE CONTRACTOR AND OWNER.
2. PROPOSED LOCATION OF UTILITY TRANSFORMER.

GENERAL ELECTRICAL SITE NOTES:

1. MAINTAIN POWER, TELEPHONE AND CATV PRIMARY CONDUITS / CABLE 1.0 METERS FROM BUILDING AND 3.0 METERS FROM DEEP SERVICES.
2. PROVIDE AN INSTALL CONDUITS FROM THE UTILITY TRANSFORMER, TELEPHONE PEDESTAL AND CATV PEDESTAL TO THE PROPERTY LINE TO A LOCATION THAT HAS BEEN COORDINATED WITH THE UTILITY COMPANIES. REFER TO UTILITY COMPANY STANDARDS FOR CONDUIT / WIRING INSTALLATION STANDARDS.
3. ENSURE THE POWER TRANSFORMER IS MINIMUM 3.0 METERS FROM ANY COMBUSTIBLE OR METALLIC OBJECT ON OR AROUND THE BUILDING.
4. COORDINATE ALL PRIMARY SERVICE INSTALLATIONS FOR ALL SHALLOW SERVICES WITH THE UTILITY COMPANIES AS REQUIRED. ENSURE ALL SHALLOW SERVICES MAINTAIN PROPER CLEARANCES FROM ALL OTHER SERVICES ON SITE.
5. CONTRACTOR TO INSTALL PULL ROPES IN ALL DUCTS.
6. PRIMARY ELECTRICAL CONDUIT / WIRING SHALL BE ENCASED IN CONCRETE WHERE CLEARANCE TO MANHOLES ARE LESS THEN 3.0 METERS.
7. ALLOW FOR UNDERGROUND CONDUITS COMPLETE WITH WIRING TO ALL AREA LIGHTS ON SITE.
8. REFER TO LANDSCAPE ARCHITECTS DRAWINGS FOR EXACT LOCATIONS OF ALL AREA LIGHTS ON SITE.
9. THE CLEARANCE SHOWN AROUND THE UTILITY TRANSFORMER IS THE MINIMUM OPERATING CLEARANCE.
10. NO UP SLOPES ARE ALLOWED FROM UTILITY TRANSFORMER. SLOPE SHALL BE NO MORE THAN 9 DEGREES AWAY.
11. ANY VEGETATION THAT GROWS ON OR INTO THE MINIMUM OPERATING CLEARANCE OF UTILITY TRANSFORMERS MUST BE A TYPE THAT CAN BE TRIMMED SO CLEARANCES ARE MAINTAINED.
12. ANY FENCE ALONG THE MINIMUM OPERATING CLEARANCE SHALL ALLOW DIRECT ACCESS TO ANY UTILITY TRANSFORMER FROM A MINIMUM OF TWO UNRESTRICTED DIRECTIONS. METAL FENCES OR WALLS ARE NOT PERMITTED WITH-IN 3.0m OF ANY UTILITY TRANSFORMER.
13. NO OBSTACLES SHALL BE LOCATED ABOVE UTILITY TRANSFORMER.
14. NO CURBS SHALL BE LOCATED WITH-IN THE MINIMUM OPERATING CLEARANCE OF UTILITY TRANSFORMER.
15. SWITCHING CUBICLES MUST BE LOCATED A MINIMUM OF 0.9m FROM EXISTING OR PLANNED PEDESTRIAN WALKWAYS.



1 SITE PLAN SHALLOW SERVICES LAYOUT
SCALE: 1:300



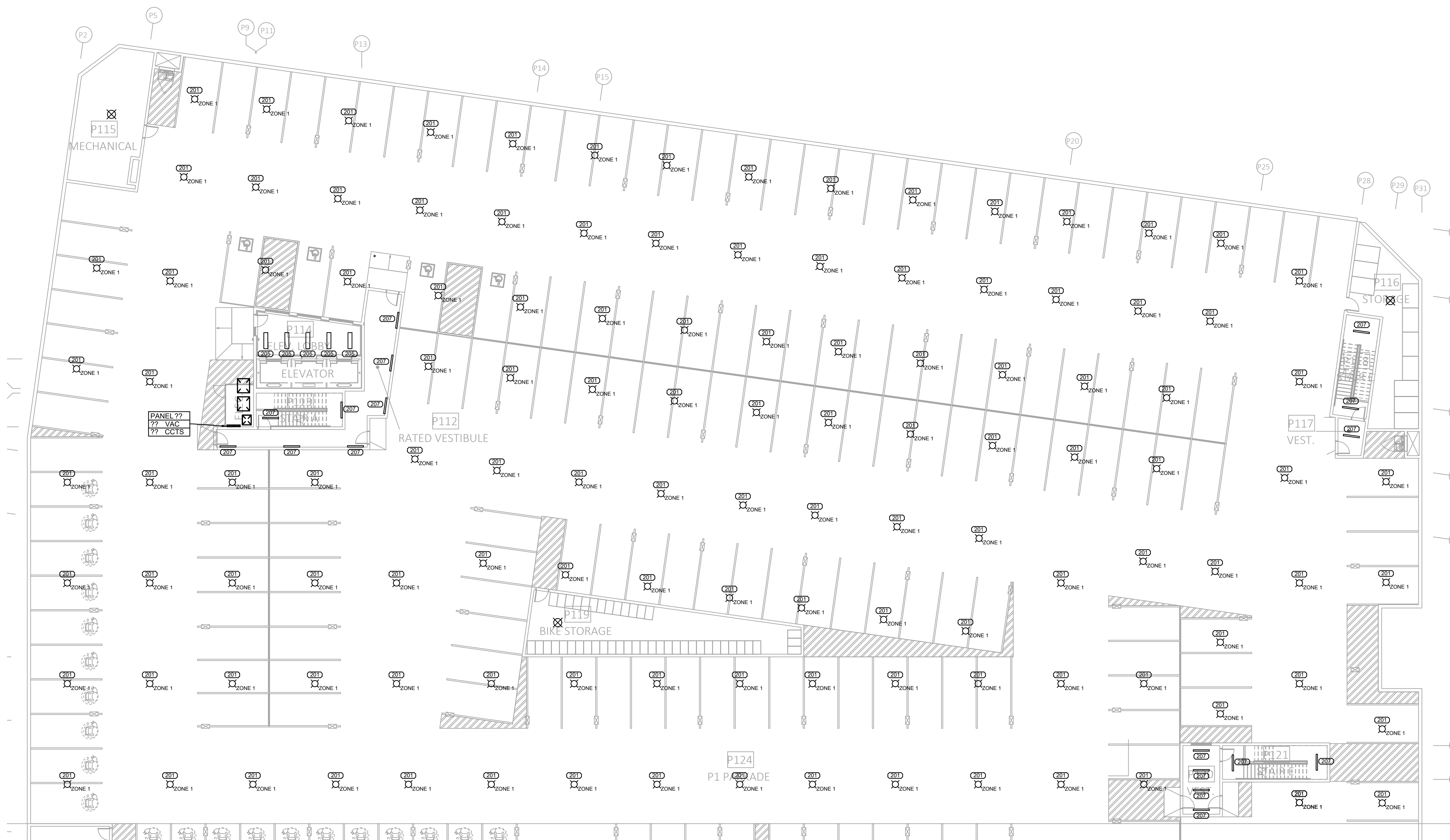
SITE LIGHTING LEGEND

SYMBOL	DESCRIPTION
○	AREA LIGHT
⊕	BOLLARD LIGHT
⊙	POST TOP LIGHT
⊗	EXTERIOR WALL MOUNTED LIGHT
⊘	RECESSED WALL LIGHT
⊚	SOFFIT DOWN LIGHT

EXTERIOR LIGHTING SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MANUFACTURERS CATALOGUE NUMBER	LAMP	LUMENS	QUANTITY	TOTAL WATTS	MOUNTING	VOLTS	REMARKS
CLD1	POLE MOUNTED AREA LIGHT	LUMENPULSE	PUR100-120-CSL-M110-30K-CR1-80-3-BK-DIM-SI2	82W LED	10483	6	52	POLE	120	TO BE MOUNTED ON 16' POLE, P14 ARM STYLE
CLD2	MAIN ENTRANCE SOFFIT LIGHT	COOPER - PORTFOLIO	LD42B-10-2R30-80-30-D010	11W LED	1000	16	176	RECESSED	120	
CLD3	EXIT DOOR WALL LIGHT	LITHONIA	WEDGE 1 LED P1 30K-80CR-VW MVOLT SRM DBLXD	10W LED	1163	1	10	WALL	120	
CLD4	RECESSED RAMP LIGHT	BECA	4.9W LED	4.9W LED	561	2	9.8	RECESSED	120	
CLD5	BOLLARD LIGHT	LITHONIA	RAD3 LED P3 30K-ASY MVOLT BTDBLXD BCCBLXD H30 DBLXD	13W LED	1088	6	78	BOLLARD	120	
CLD6	RECESSED STEP LIGHT	BECA	33 053	4.1W LED	231	9	38.9	RECESSED	120	
CLD7	POST TOP LIGHT	LUMENPULSE	PUR100-120-CSL-S40-30K-CR1-80-3-BK-DIM-P11-S1X-5	31W LED	4229	1	31	POLE	120	MOUNTED ON 12' POLE, P11-S1X MOUNTING OPTION
CLD8	PARKADE ENTRANCE WALL LIGHT	LITHONIA	WDGE2 LED P3 30K-VF MVOLT SRM DBLXD	29W LED	3015	1	23	WALL	120	

NOTE: ALL FIXTURE SELECTIONS TO BE CONFIRMED WITH CLIENT.



GENERAL POWER NOTES:

- A. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT.
- B. PROVIDE AND INSTALL CONDUCTORS TO COMPLY WITH THE CANADIAN ELECTRICAL CODE RULE 8-102 (VOLTAGE DROP).
- C. SERIES RATING COMBINATION BREAKERS IS ACCEPTABLE AS PER CANADIAN ELECTRICAL CODE (CANADIAN ELECTRICAL CODE RULE 14-014) AND THE MANUFACTURER PUBLISHED DATA.
- D. ALL EXHAUST FANS SHALL BE SUPPLIED AND INSTALLED BY THE MECHANICAL CONTRACTOR. POWER WIRING TO FANS SHALL BE SUPPLIED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
- E. DO NOT INSTALL OUTLETS BACK TO BACK IN WALLS. ALLOW MINIMUM 6" HORIZONTAL CLEARANCE BETWEEN BOXES.
- F. ALL RECEPTACLES LOCATED IN PARKADE AREA SHALL CONFORM WITH RULES 20-100 TO 20-108 OF THE CANADIAN ELECTRICAL CODE.
- G. PROVIDE DEDICATED CIRCUIT FOR POWER TO LIGHT FIXTURE AND GFI RECEPTACLE IN ELEVATOR PIT AND AT TOP OF ELEVATOR HOISTWAY. COORDINATE EXACT LOCATIONS WITH ELEVATOR MANUFACTURER ON SITE AS PER THEIR REQUIREMENTS.

GENERAL LIGHTING NOTES:

- A. PROVIDE AND INSTALL CONDUCTORS TO COMPLY WITH THE CANADIAN ELECTRICAL CODE RULE 8-102 (VOLTAGE DROP).
- B. PROVIDE FIRE STOPPING ON ALL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS.
- C. STAIRWELL LIGHTING IS TO BE CONTROLLED BY WAY OF rLIGHT AIR WIRELESS LIGHTING CONTROL SYSTEM. ALL STAIRWELL FIXTURES ARE TO COME COMPLETE WITH INTEGRAL OCCUPANCY SENSOR AND rLIGHT AIR COMPATIBILITY. FIXTURES ARE TO BE PROGRAMMED USING rLIGHT AIR MOBILE APP TO TURN ON WHEN ANY OF THE FIXTURES IN THE STAIRWELL DETECT OCCUPANCY. STAIRWELL FIXTURES WILL DIM TO 10% AUTOMATICALLY WHEN NO OCCUPANCY IS DETECTED. REFER TO LIGHTING SCHEDULE FOR EXACT FIXTURE SPECIFICATIONS.

GENERAL LIFE SAFETY NOTES:

- A. CONFIRM ALL LOCATIONS OF SPRINKLER FLOW AND TAMPER SWITCHES WITH SPRINKLER CONTRACTOR. WIRE ALL SPRINKLER FLOW AND TAMPER SWITCHES AS REQUIRED. ALL SPRINKLER ZONES ARE TO BE ANNUNCIATED ON THE FIRE ALARM PANEL.
- B. PROVIDE FIRE STOPPING ON ALL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS.
- C. QUANTITY OF EMERGENCY LIGHTING FIXTURES SHOWN IS THE MINIMUM REQUIRED. ADDITIONAL FIXTURES MAY BE REQUIRED BY LOCAL AUTHORITIES. INCLUDE IN THIS CONTRACT FOR SUPPLY WIRING AND INSTALLATION OF 8 ADDITIONAL TWIN HEADS. IF NOT USED TURN OVER TO OWNER AS SPARE.
- D. NORMAL POWER TO EMERGENCY BATTERY PACKS TO COME FROM SAME ELECTRICAL CIRCUIT AS NORMAL POWER THAT SERVICES LIGHTING IN AREA WHERE BATTERY PACK AND ASSOCIATED REMOTE EMERGENCY LIGHTING PROVIDES EMERGENCY ILLUMINATION IN THE EVENT OF POWER FAILURE. ENSURE EMERGENCY LIGHTING SYSTEM INSTALLATION COMPLIES WITH RULE 46-304(4) OF THE CANADIAN ELECTRICAL CODE.
- E. ALL CEILING MOUNTED EXITS ARE TO BE MOUNTED 10'-0" A.F.F. USING 27mmC EXCEPT WHERE INSTALLED ON DROPPED CEILINGS.
- F. FIRE ALARM SYSTEM AND ALL FIRE ALARM DEVICES SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL BUILDING CODE - ALBERTA EDITION.
- G. THE ELECTRICAL SUB-CRONTACTOR SHALL INSTALL THE FIRE ALARM SYSTEM AS PER ULC STANDARD S524 AS REFERENCED IN THE LATEST EDITION OF THE NATIONAL BUILDING CODE - ALBERTA EDITION.
- H. AS PART OF THE FIRE ALARM VERIFICATION THE ELECTRICAL SUB-CRONTACTOR SHALL COMPLY WITH THE ULC-S537 AS REFERENCED IN THE LATEST EDITION OF THE NATIONAL BUILDING CODE - ALBERTA EDITION.
- I. SIGNAL FROM MAIN FIRE ALARM PANEL TO FIRE DEPARTMENT MUST CONFORM WITH CAN/ULC-S561 AS REFERENCED IN THE LATEST EDITION OF THE NATIONAL BUILDING CODE - ALBERTA EDITION.
- J. ALL AUDIBLE DEVICES ARE TO BE COMPLETE WITH VISUALS. AUDIBLE DEVICES ARE TO BE COMPLETE WITH TEMPORAL SOUND PATTERN.
- K. THE FIRE ALARM SYSTEM SHALL BE A SINGLE STAGE ADDRESSABLE SYSTEM.
- L. ALL FIRE ALARM SYSTEM SIGNALING CIRCUIT WIRING SHALL BE A COMBINATION OF CLASS 'A' & CLASS 'B' - SUPERVISED. REFER TO ELECTRICAL DETAILS.
- M. ENSURE ALL EXIT SIGNS ARE INSTALLED TO ALLOW VIEWING ANGLES AND AVOID BLOCKAGE FROM STRUCTURAL / MECHANICAL AND STORE SIGNAGE.
- N. WHERE COMBINATION FIRE & SMOKE DAMPERS ARE INSTALLED AND COULD OBSTRUCT ALL AIRFLOW FOR A PARTICULAR HVAC UNIT, THE HVAC UNIT NEEDS TO BE SHUT DOWN AUTOMATICALLY WHEN THE FIRE & SMOKE DAMPER CLOSES. COORDINATE WITH MECHANICAL SUB-CRONTACTOR WHERE THIS IS APPLICABLE AND PROVIDE NECESSARY COMPONENTS TO ENSURE THESE HVAC UNITS SHUT DOWN AS INTENDED.

DRAWING KEY NOTES: (E)

ISSUED FOR
COORDINATION

NO.	ISSUE/REVISION	DATE
1	30% Review	2026-04-30

PROJECT MANAGER	DRAWN
K.V	T.K/G.T
PROJECT LEAD	CHECKED
J.P/G.U	J.P/G.U/K.V

BLACK BEAR
CROSSING - BLACK
BIRCH HEIGHTS

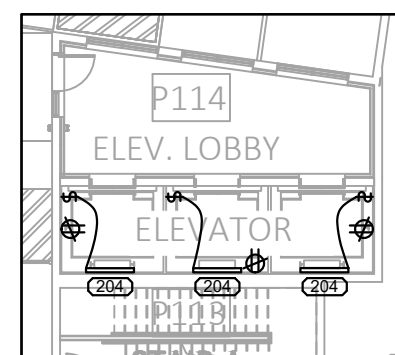
BLACK BEAR CROSSING SW, TSUU
T'INA NATION 145 AB

PROJECT # 25141.1
CITY FILE #

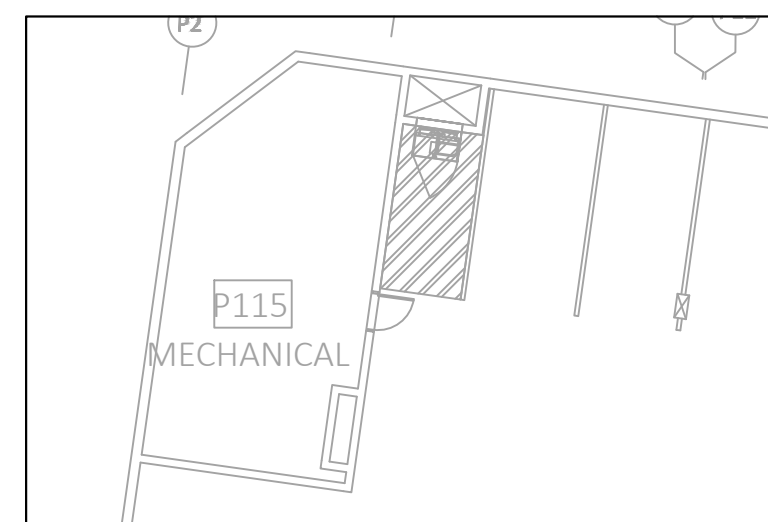


PARKADE PLAN -
NORTH
ELECTRICAL LAYOUT

1
PARKADE PLAN - NORTH
ELECTRICAL LAYOUT
SCALE: 1/16" = 1'-0"

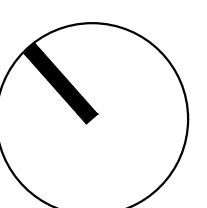


2
ELEVATOR PIT
ELECTRICAL LAYOUT
SCALE: 1/16" = 1'-0"

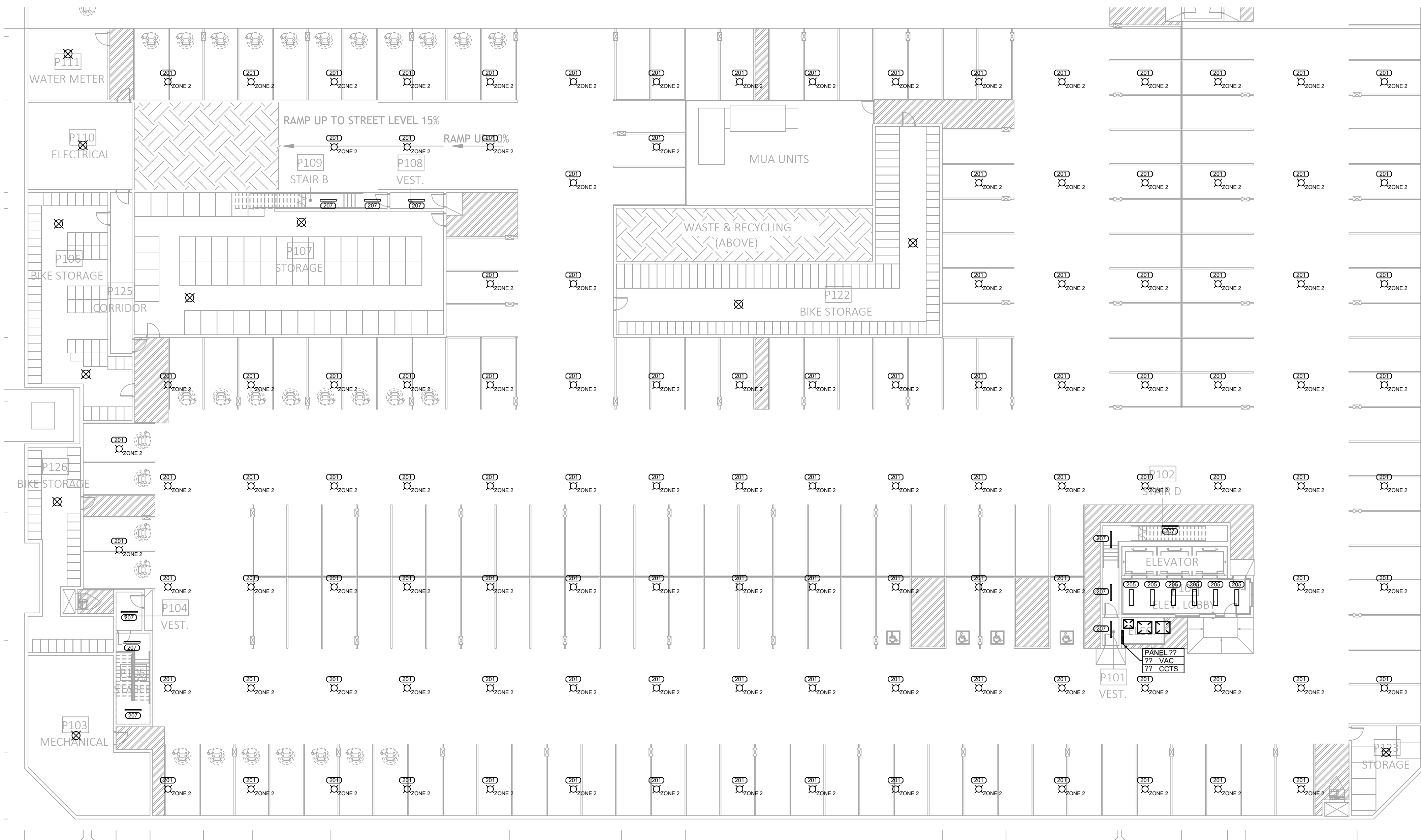


3
MECHANICAL ROOM PLAN
POWER LAYOUT
SCALE: 1/16" = 1'-0"

SCALE



E20-00-01



GENERAL POWER NOTES:

- A. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT.
- B. PROVIDE AND INSTALL CONDUCTORS TO COMPLY WITH THE CANADIAN ELECTRICAL CODE RULE 8-102 (VOLTAGE DROP).
- C. SERIES RATING COMBINATION BREAKERS IS ACCEPTABLE AS PER CANADIAN ELECTRICAL CODE (CANADIAN ELECTRICAL CODE RULE 14-014) AND THE MANUFACTURER PUBLISHED DATA.
- D. ALL EXHAUST FANS SHALL BE SUPPLIED AND INSTALLED BY THE MECHANICAL CONTRACTOR. POWER WIRING TO FANS SHALL BE SUPPLIED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
- E. DO NOT INSTALL OUTLETS BACK TO BACK IN WALLS. ALLOW MINIMUM 6" HORIZONTAL CLEARANCE BETWEEN BOXES.
- F. ALL RECEPTACLES LOCATED IN PARKADE AREA SHALL CONFORM WITH RULES 20-100 TO 20-108 OF THE CANADIAN ELECTRICAL CODE.
- G. PROVIDE DEDICATED CIRCUIT FOR POWER TO LIGHT FIXTURE AND GFI RECEPTACLE IN ELEVATOR PIT AND AT TOP OF ELEVATOR HOISTWAY. COORDINATE EXACT LOCATIONS WITH ELEVATOR MANUFACTURER ON SITE AS PER THEIR REQUIREMENTS.

GENERAL LIGHTING NOTES:

- A. PROVIDE AND INSTALL CONDUCTORS TO COMPLY WITH THE CANADIAN ELECTRICAL CODE RULE 8-102 (VOLTAGE DROP).
- B. PROVIDE FIRE STOPPING ON ALL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS.
- C. STAIRWELL LIGHTING IS TO BE CONTROLLED BY WAY OF rLIGHT AIR WIRELESS LIGHTING CONTROL SYSTEM. ALL STAIRWELL FIXTURES ARE TO BE COMPLETE WITH INTEGRAL OCCUPANCY SENSOR AND rLIGHT AIR COMPATIBILITY. FIXTURES ARE TO BE PROGRAMMED USING rLIGHT AIR MOBILE APP TO TURN ON WHEN ANY OF THE FIXTURES IN THE STAIRWELL DETECT OCCUPANCY. STAIRWELL FIXTURES WILL DIM TO 10% AUTOMATICALLY WHEN NO OCCUPANCY IS DETECTED. REFER TO LIGHTING SCHEDULE FOR EXACT FIXTURE SPECIFICATIONS.

GENERAL LIFE SAFETY NOTES:

- A. CONFIRM ALL LOCATIONS OF SPRINKLER FLOW AND TAMPER SWITCHES WITH SPRINKLER CONTRACTOR. WIRE ALL SPRINKLER FLOW AND TAMPER SWITCHES AS REQUIRED. ALL SPRINKLER ZONES ARE TO BE ANNUNCIATED ON THE FIRE ALARM PANEL.
- B. PROVIDE FIRE STOPPING ON ALL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS.
- C. QUANTITY OF EMERGENCY LIGHTING FIXTURES SHOWN IS THE MINIMUM REQUIRED. ADDITIONAL FIXTURES MAY BE REQUIRED BY LOCAL AUTHORITIES. INCLUDE IN THIS CONTRACT FOR SUPPLY WIRING AND INSTALLATION OF 8 ADDITIONAL TWIN HEADS. IF NOT USED TURN OVER TO OWNER AS SPARE.
- D. NORMAL POWER TO EMERGENCY BATTERY PACKS TO COME FROM SAME ELECTRICAL CIRCUIT AS NORMAL POWER THAT SERVICES LIGHTING IN AREA WHERE BATTERY PACK AND ASSOCIATED REMOTE EMERGENCY LIGHTING PROVIDES EMERGENCY ILLUMINATION IN THE EVENT OF POWER FAILURE. ENSURE EMERGENCY LIGHTING SYSTEM INSTALLATION COMPLIES WITH RULE 46-304(4) OF THE CANADIAN ELECTRICAL CODE.
- E. ALL CEILING MOUNTED EXITS ARE TO BE MOUNTED 10'-0" A.F.F. USING 27mmC EXCEPT WHERE INSTALLED ON DROPPED CEILING.
- F. FIRE ALARM SYSTEM AND ALL FIRE ALARM DEVICES SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL BUILDING CODE - ALBERTA EDITION.
- G. THE ELECTRICAL SUB-CONTRACTOR SHALL INSTALL THE FIRE ALARM SYSTEM AS PER ULC STANDARD S524 AS REFERENCED IN THE LATEST EDITION OF THE NATIONAL BUILDING CODE - ALBERTA EDITION.
- H. AS PART OF THE FIRE ALARM VERIFICATION THE ELECTRICAL SUB-CONTRACTOR SHALL COMPLY WITH THE ULC-S537 AS REFERENCED IN THE LATEST EDITION OF THE NATIONAL BUILDING CODE - ALBERTA EDITION.
- I. SIGNAL FROM MAIN FIRE ALARM PANEL TO FIRE DEPARTMENT MUST CONFORM WITH CAN/ULC-S561 AS REFERENCED IN THE LATEST EDITION OF THE NATIONAL BUILDING CODE - ALBERTA EDITION.
- J. ALL AUDIBLE DEVICES ARE TO BE COMPLETE WITH VISUALS. AUDIBLE DEVICES ARE TO BE COMPLETE WITH TEMPORAL SOUND PATTERN.
- K. THE FIRE ALARM SYSTEM SHALL BE A SINGLE STAGE ADDRESSABLE SYSTEM.
- L. ALL FIRE ALARM SYSTEM SIGNALLING CIRCUIT WIRING SHALL BE A COMBINATION OF CLASS 'A' & CLASS 'B' - SUPERVISED. REFER TO ELECTRICAL DETAILS.
- M. ENSURE ALL EXIT SIGNS ARE INSTALLED TO ALLOW VIEWING ANGLES AND AVOID BLOCKAGE FROM STRUCTURAL / MECHANICAL AND STORE SIGNAGE.
- N. WHERE COMBINATION FIRE & SMOKE DAMPERS ARE INSTALLED AND COULD OBSTRUCT ALL AIRFLOW FOR A PARTICULAR HVAC UNIT, THE HVAC UNIT NEEDS TO BE SHUT DOWN AUTOMATICALLY WHEN THE FIRE & SMOKE DAMPER CLOSES. COORDINATE WITH MECHANICAL SUB-CONTRACTOR WHERE THIS IS APPLICABLE AND PROVIDE NECESSARY COMPONENTS TO ENSURE THESE HVAC UNITS SHUT DOWN AS INTENDED.

DRAWING KEY NOTES:

ISSUED FOR COORDINATION

NO.	ISSUE/REVISION	DATE
1	30% Review	2026-04-30

PROJECT MANAGER	DRAWN
K.V	T.K/G.T
PROJECT LEAD	CHECKED
J.P/G.U	J.P/G.U/K.V

BLACK BEAR CROSSING - BLACK BIRCH HEIGHTS

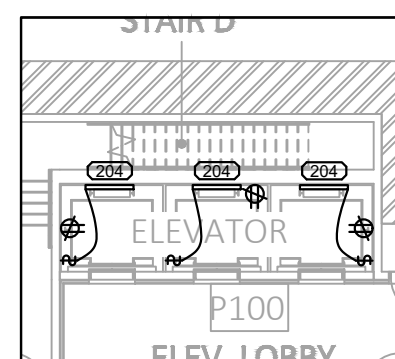
BLACK BEAR CROSSING SW, TSUU
T'INA NATION 145 AB

PROJECT # 25141.1
CITY FILE #

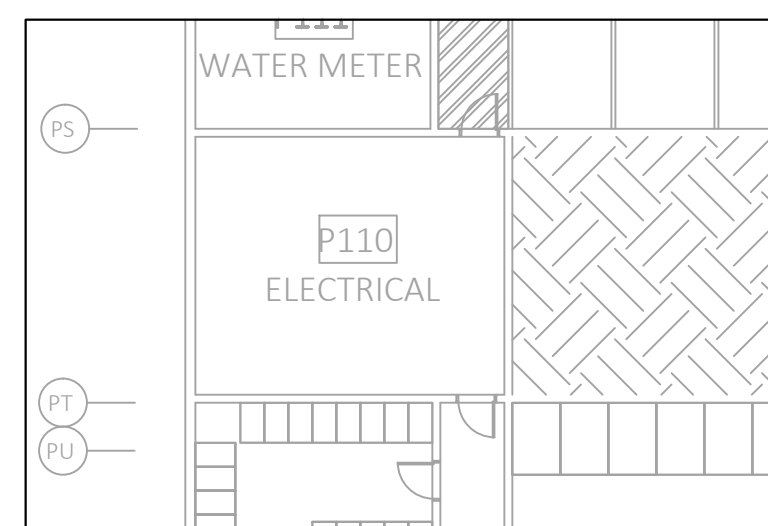


PARKADE PLAN - SOUTH ELECTRICAL LAYOUT

1
PARKADE PLAN - SOUTH ELECTRICAL LAYOUT
E20-00-02 SCALE: 1/16" = 1'-0"

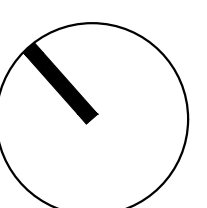


2
ELEVATOR PIT ELECTRICAL LAYOUT
E20-00-02 SCALE: 1/16" = 1'-0"

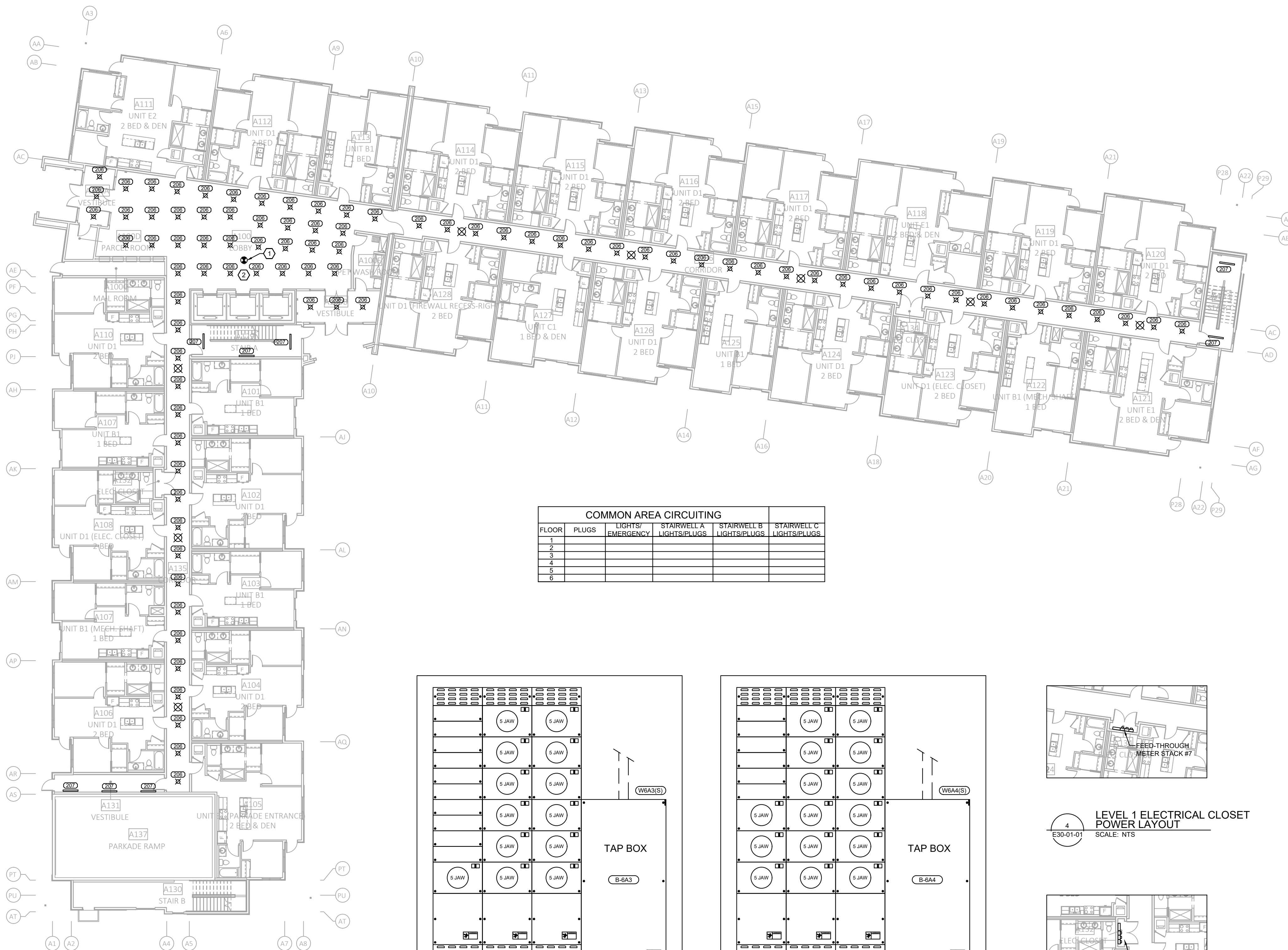


3
ELECTRICAL ROOM PLAN POWER LAYOUT
E20-00-02 SCALE: 1/16" = 1'-0"

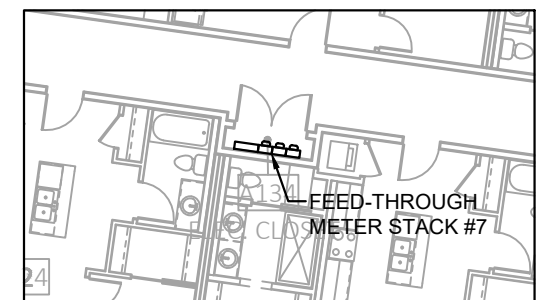
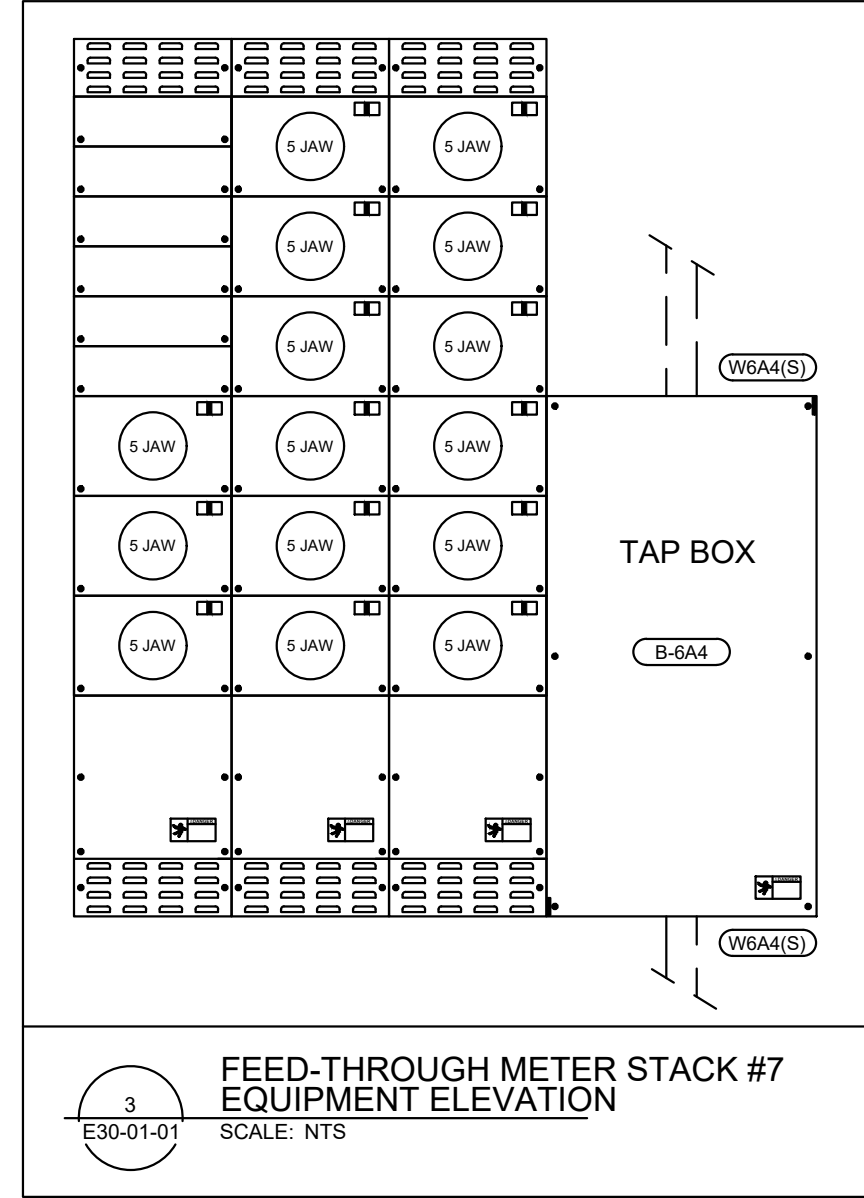
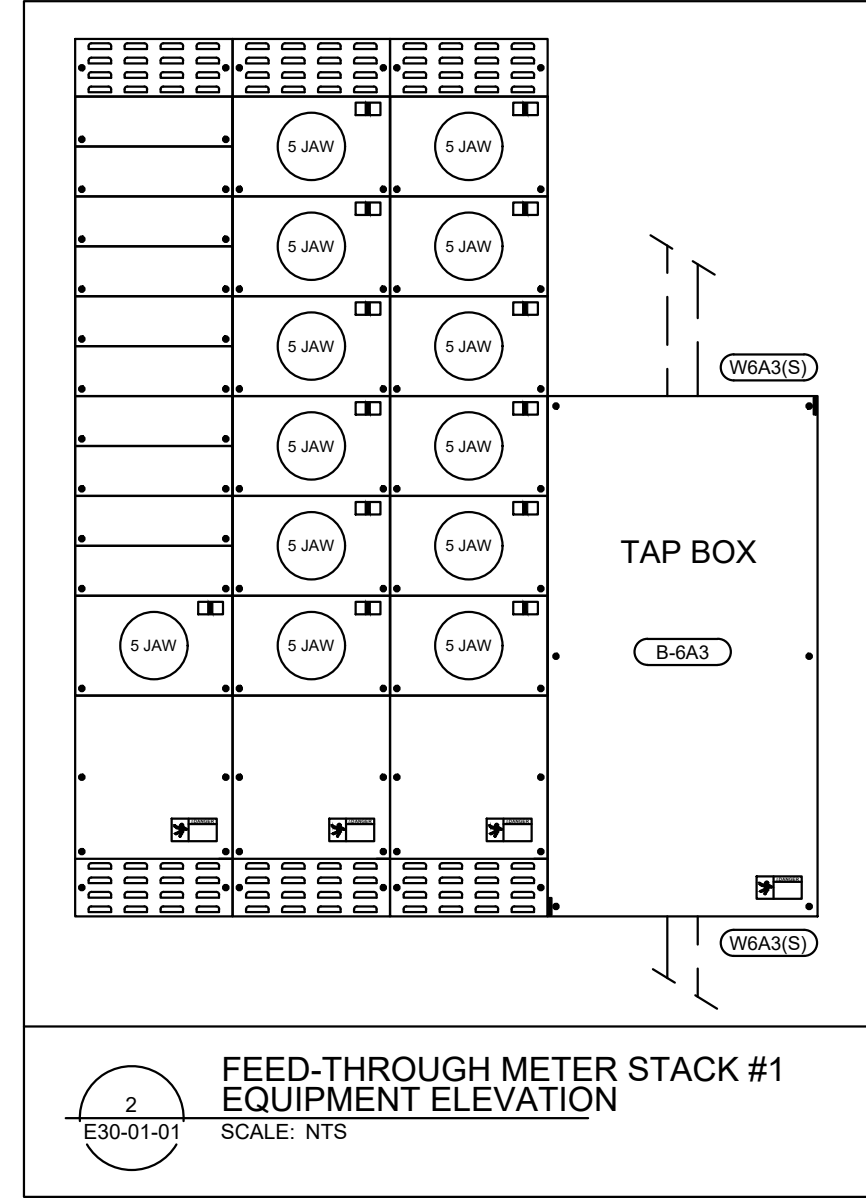
SCALE



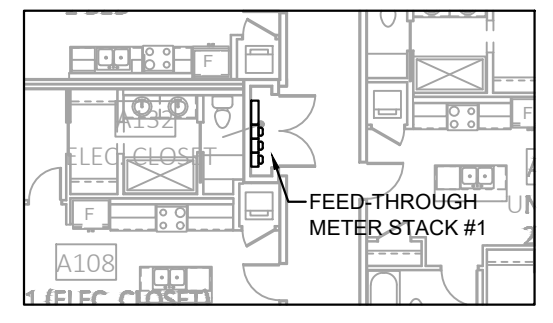
E20-00-02



COMMON AREA CIRCUITING					
FLOOR	PLUGS	LIGHTS/ EMERGENCY	STAIRWELL A LIGHTS/PLUGS	STAIRWELL B LIGHTS/PLUGS	STAIRWELL C LIGHTS/PLUGS
1					
2					
3					
4					
5					
6					



4
E30-01-01
SCALE: NTS
LEVEL 1 ELECTRICAL CLOSET
POWER LAYOUT



5
E30-01-01
SCALE: NTS
LEVEL 1 ELECTRICAL CLOSET
POWER LAYOUT

1
E30-01-01
SCALE: 1/16" = 1'-0"
BUILDING A - LEVEL 1 FLOOR PLAN
ELECTRICAL LAYOUT

GENERAL LIGHTING NOTES:

- A. PROVIDE AND INSTALL CONDUCTORS TO COMPLY WITH THE CANADIAN ELECTRICAL CODE RULE 8-102 (VOLTAGE DROP).
- B. THIS ELECTRICAL SUB-CONTRACTOR MUST NOT INSTALL RECESSED LIGHTING INTO A RATED CEILING MEMBRANE UNLESS THE RECESSED LIGHT IS EQUIPPED WITH A FIRE RATED SYSTEM MEANT TO BE INSTALLED IN A RATED CEILING. CONTRACTOR TO CONFIRM LIGHT SPECIFICATIONS AND WHERE LIGHTS ARE TO BE INSTALLED PRIOR TO SUBMISSION OF LIGHTING SHOP DRAWINGS AND ORDERING OF LIGHTS.
- C. ALL CORRIDOR LIGHTING IS TO BE CONTROLLED BY WAY OF LIGHT AIR ENABLED OCCUPANCY SENSORS. ALL OCCUPANCY SENSORS ON EACH FLOOR ARE TO BE INTERCONNECTED SO ALL LIGHTS IN CORRIDOR ARE TO ACTIVATE WHEN ANY OCCUPANCY SENSOR ON THAT FLOOR IS TRIGGERED. WHEN THE CORRIDOR IS UNOCCUPIED, ALL CORRIDOR LIGHTING IS TO BE DIMMED TO 25%.
- D. STAIRWELL LIGHTING IS TO BE CONTROLLED BY WAY OF LIGHT AIR WIRELESS LIGHTING CONTROL SYSTEM. ALL STAIRWELL FIXTURES ARE TO BE COMPLETE WITH INTEGRAL OCCUPANCY SENSOR AND LIGHT AIR COMPATIBILITY. FIXTURES ARE TO BE PROGRAMMED USING LIGHT AIR MOBILE APP TO TURN ON WHEN ANY OF THE FIXTURES IN THE STAIRWELL DETECT OCCUPANCY. STAIRWELL FIXTURES WILL DIM TO 10% AUTOMATICALLY WHEN NO OCCUPANCY IS DETECTED. REFER TO LIGHTING SCHEDULE FOR EXACT FIXTURE SPECIFICATIONS.

GENERAL POWER NOTES:

- A. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT.
- B. PROVIDE AND INSTALL CONDUCTORS TO COMPLY WITH THE CANADIAN ELECTRICAL CODE RULE 8-102 (VOLTAGE DROP).
- C. SERIES RATING COMBINATION BREAKERS IS ACCEPTABLE AS PER CANADIAN ELECTRICAL CODE (CANADIAN ELECTRICAL CODE RULE 14-014) AND THE MANUFACTURER PUBLISHED DATA.
- D. PROVIDE FIRE STOPPING ON ALL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS.
- E. ALL EXHAUST FANS SHALL BE SUPPLIED AND INSTALLED BY THE MECHANICAL CONTRACTOR. POWER WIRING TO FANS SHALL BE SUPPLIED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
- F. DO NOT INSTALL OUTLETS BACK TO BACK IN WALLS. ALLOW MINIMUM 6" HORIZONTAL CLEARANCE BETWEEN BOXES.
- G. PROVIDE DEDICATED CIRCUIT FOR POWER TO LIGHT FIXTURE AND GFI RECEPTACLE IN ELEVATOR PIT AND AT TOP OF ELEVATOR HOISTWAY. COORDINATE EXACT LOCATIONS WITH ELEVATOR MANUFACTURER ON SITE AS PER THEIR REQUIREMENTS.

GENERAL LIFE SAFETY NOTES:

- A. CONFIRM ALL LOCATIONS OF SPRINKLER FLOW AND TAMPER SWITCHES WITH SPRINKLER CONTRACTOR. WIRE ALL SPRINKLER FLOW AND TAMPER SWITCHES AS REQUIRED. ALL SPRINKLER ZONES ARE TO BE ANNUNCIATED ON THE FIRE ALARM PANEL.
- B. PROVIDE FIRE STOPPING ON ALL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS.
- C. QUANTITY OF EMERGENCY LIGHTING FIXTURES SHOWN IS THE MINIMUM REQUIRED. ADDITIONAL FIXTURES MAY BE REQUIRED BY LOCAL AUTHORITIES. INCLUDE IN THIS CONTRACT FOR SUPPLY WIRING AND INSTALLATION OF 8 ADDITIONAL TWIN HEADS. IF NOT USED TURN OVER TO OWNER AS SPARE.
- D. NORMAL POWER TO EMERGENCY BATTERY PACKS TO COME FROM SAME ELECTRICAL CIRCUIT AS NORMAL POWER THAT SERVES LIGHTING IN AREA WHERE BATTERY PACK AND ASSOCIATED REMOTE EMERGENCY LIGHTING PROVIDES EMERGENCY ILLUMINATION IN THE EVENT OF POWER FAILURE. ENSURE EMERGENCY LIGHTING SYSTEM INSTALLATION COMPLIES WITH RULE 46-304(4) OF THE CANADIAN ELECTRICAL CODE.
- E. ALL CEILING MOUNTED EXITS ARE TO BE MOUNTED 10'-0" A.F.F. USING 27mmC EXCEPT WHERE INSTALLED ON DROPPED CEILING.
- F. FIRE ALARM SYSTEM AND ALL FIRE ALARM DEVICES SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL BUILDING CODE - ALBERTA EDITION.
- G. THE ELECTRICAL SUB-CONTRACTOR SHALL INSTALL THE FIRE ALARM SYSTEM AS PER ULC STANDARD S524 AS REFERENCED IN THE LATEST EDITION OF THE NATIONAL BUILDING CODE - ALBERTA EDITION.
- H. AS PART OF THE FIRE ALARM VERIFICATION THE ELECTRICAL SUB-CONTRACTOR SHALL COMPLY WITH THE ULC-5537 AS REFERENCED IN THE LATEST EDITION OF THE NATIONAL BUILDING CODE - ALBERTA EDITION.
- I. SIGNAL FROM MAIN FIRE ALARM PANEL TO FIRE DEPARTMENT MUST CONFORM WITH CANULC-8861 AS REFERENCED IN THE LATEST EDITION OF THE NATIONAL BUILDING CODE - ALBERTA EDITION.
- J. ALL AUDIBLE DEVICES ARE TO BE COMPLETE WITH VISUALS. AUDIBLE DEVICES ARE TO BE COMPLETE WITH TEMPORAL SOUND PATTERN.
- K. PROVIDE A FIRE HORN IN EACH BEDROOM AND A FIRE STROBE IN EACH LIVING ROOM OF EACH SUITE. MAIN FIRE ALARM PANEL IS TO BE CAPABLE OF SILENCING SUITE HORNS WITH THE RESTRICTIONS OUTLINED IN THE NATIONAL BUILDING CODE - ALBERTA EDITION ARTICLE 3.2.4.18 (11).
- L. EACH SUITE SHALL BE EQUIPPED WITH AN OPERATING SMOKE ALARM.
- M. THE FIRE ALARM SYSTEM SHALL BE A SINGLE STAGE ADDRESSABLE SYSTEM.
- N. ALL FIRE ALARM SYSTEM SIGNALLING CIRCUIT WIRING SHALL BE A COMBINATION OF CLASS 'A' & CLASS 'B' - SUPERVISED. REFER TO ELECTRICAL DETAILS.
- O. ENSURE ALL EXIT SIGNS ARE INSTALLED TO ALLOW VIEWING ANGLES AND AVOID BLOCKAGE FROM STRUCTURAL / MECHANICAL AND STORE SIGNAGE.
- P. WHERE COMBINATION FIRE & SMOKE DAMPERS ARE INSTALLED AND COULD OBSTRUCT ALL AIRFLOW FOR A PARTICULAR HVAC UNIT, THE HVAC UNIT NEEDS TO BE SHUT DOWN AUTOMATICALLY WHEN THE FIRE & SMOKE DAMPER CLOSES. COORDINATE WITH MECHANICAL SUB-CONTRACTOR WHERE THIS IS APPLICABLE AND PROVIDE NECESSARY COMPONENTS TO ENSURE THESE HVAC UNITS SHUT DOWN AS INTENDED.
- Q. ALL FIRE ALARM SMOKE DETECTORS INSTALLED IN A CONCEALED SPACE MUST HAVE AN LED INDICATOR LIGHT INSTALLED (WITH THE DEVICE LOCATION IDENTIFIED) IN A READILY VISIBLE LOCATION THAT INDICATES DETECTOR ACTIVATION.

DRAWING KEY NOTES:

- 1. FIRE ALARM SMOKE DETECTOR FOR ELEVATOR EMERGENCY RECALL OPERATION. REFER TO DETAIL AND FIRE ALARMS SEQUENCE OF OPERATIONS MATRIX.
- 2. ALL LIGHTING FIXTURES IN ELEVATOR LOBBY ARE TO REMAIN ON AT ALL TIMES TO MEET CONSTANT ILLUMINATION LEVELS IN ACCORDANCE WITH AEDARSA REQUIREMENTS.

ISSUED FOR
COORDINATION

NO.	ISSUE/REVISION	DATE
1	30% Review	2026-04-30

PROJECT MANAGER	DRAWN
K.V	T.K/G.T
PROJECT LEAD	CHECKED
J.P/G.U	J.P/G.U/K.V

BLACK BEAR
CROSSING - BLACK
BIRCH HEIGHTS

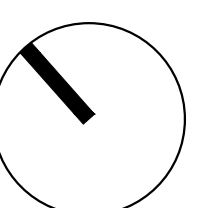
BLACK BEAR CROSSING SW, TSUU
T'INA NATION 145 AB

PROJECT # 25141.1
CITY FILE #

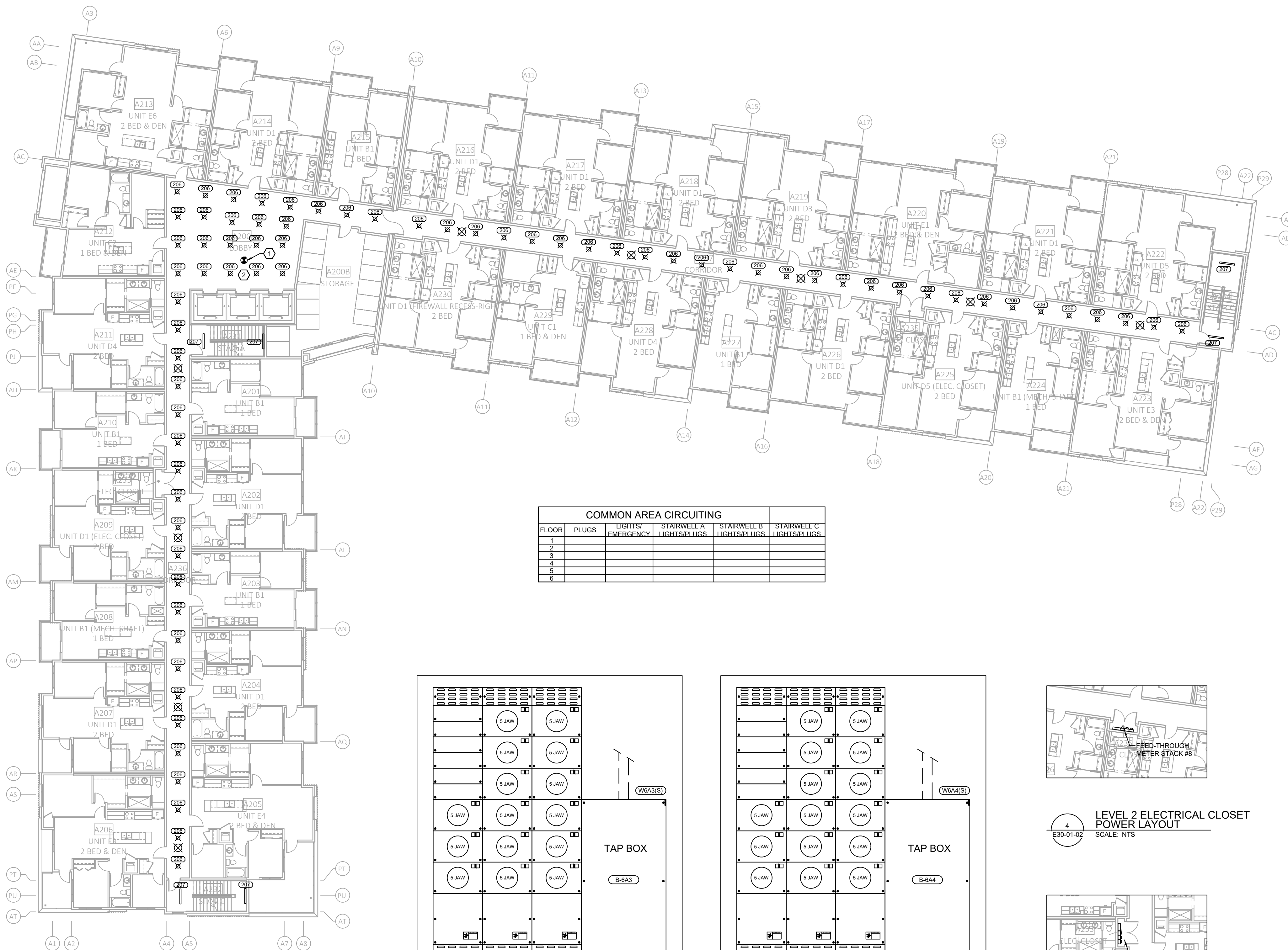


BUILDING A - LEVEL 1
FLOOR PLAN
ELECTRICAL LAYOUT

SCALE

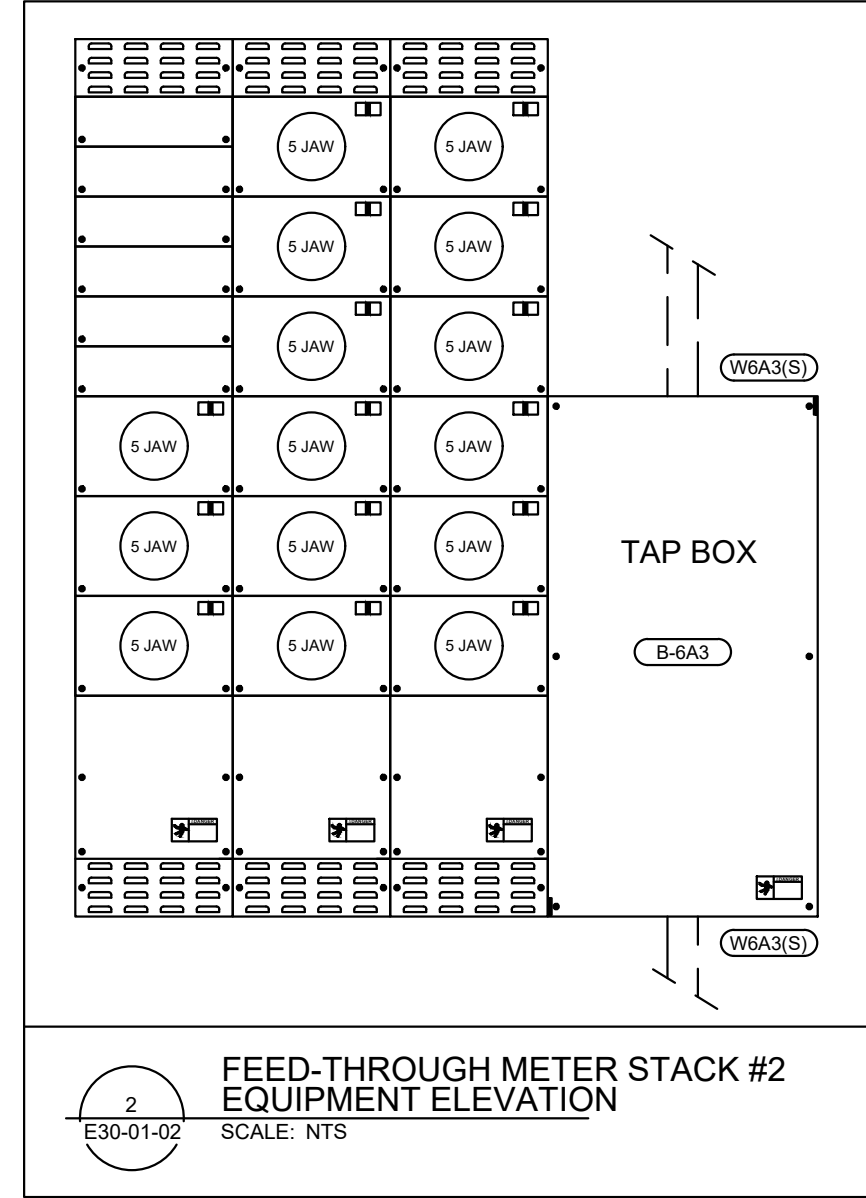


E30-01-01

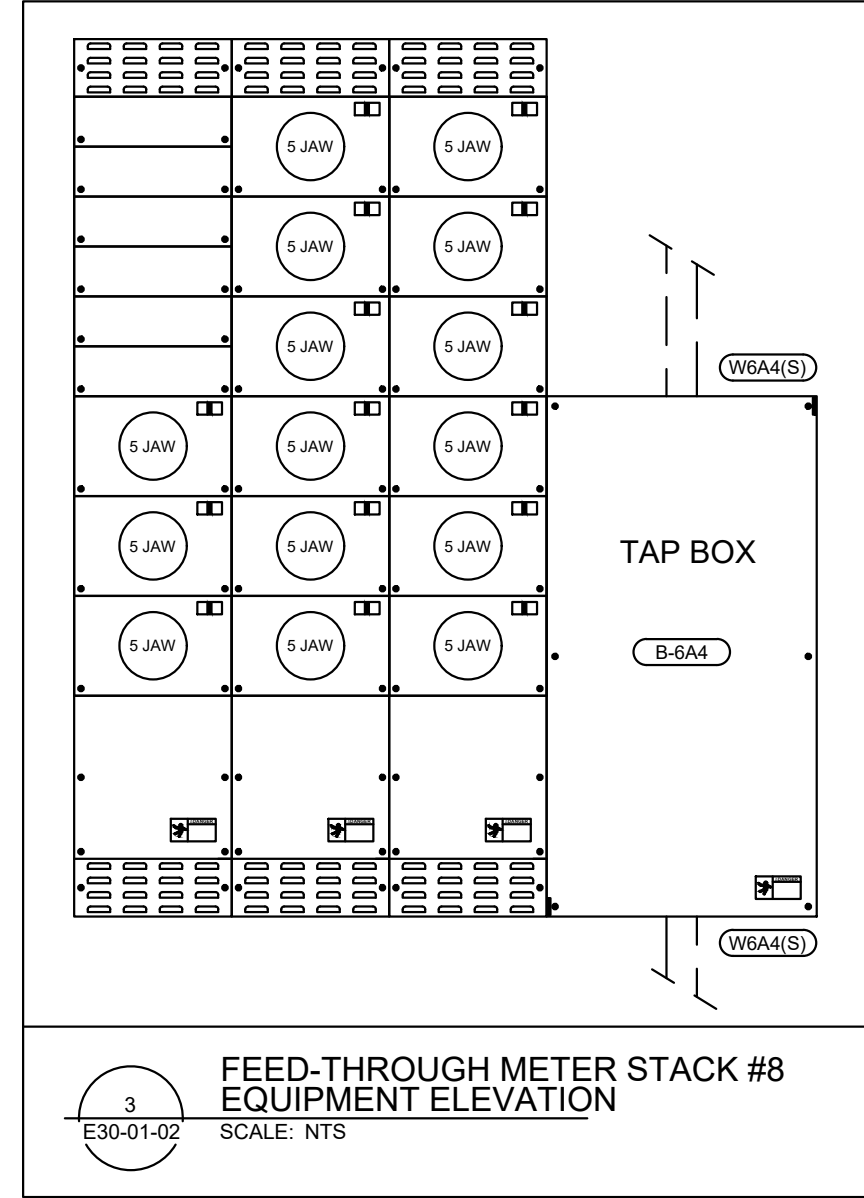


FLOOR	COMMON AREA CIRCUITING			
	PLUGS	LIGHTS/ EMERGENCY	STAIRWELL A LIGHTS/PLUGS	STAIRWELL B LIGHTS/PLUGS
1				
2				
3				
4				
5				
6				

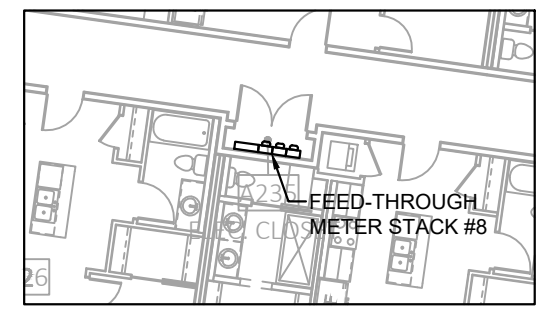
1
E30-01-02
BUILDING A - LEVEL 2 FLOOR PLAN
ELECTRICAL LAYOUT
SCALE: 1/16" = 1'-0"



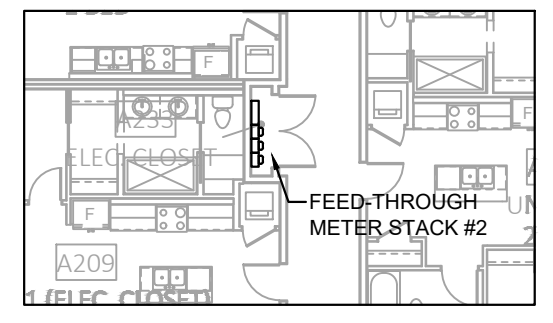
2
E30-01-02
FEED-THROUGH METER STACK #2
EQUIPMENT ELEVATION
SCALE: NTS



3
E30-01-02
FEED-THROUGH METER STACK #8
EQUIPMENT ELEVATION
SCALE: NTS



4
E30-01-02
LEVEL 2 ELECTRICAL CLOSET
POWER LAYOUT
SCALE: NTS



5
E30-01-02
LEVEL 2 ELECTRICAL CLOSET
POWER LAYOUT
SCALE: NTS

GENERAL LIGHTING NOTES:

- A. PROVIDE AND INSTALL CONDUCTORS TO COMPLY WITH THE CANADIAN ELECTRICAL CODE RULE 8-102 (VOLTAGE DROP).
- B. THIS ELECTRICAL SUB-CONTRACTOR MUST NOT INSTALL RECESSED LIGHTING INTO A RATED CEILING MEMBRANE UNLESS THE RECESSED LIGHT IS EQUIPPED WITH A FIRE RATED SYSTEM MEANT TO BE INSTALLED IN A RATED CEILING. CONTRACTOR TO CONFIRM LIGHT SPECIFICATIONS AND WHERE LIGHTS ARE TO BE INSTALLED PRIOR TO SUBMISSION OF LIGHTING SHOP DRAWINGS AND ORDERING OF LIGHTS.
- C. ALL CORRIDOR LIGHTING IS TO BE CONTROLLED BY WAY OF rLIGHT AIR ENABLED OCCUPANCY SENSORS. ALL OCCUPANCY SENSORS ON EACH FLOOR ARE TO BE INTERCONNECTED SO ALL LIGHTS IN CORRIDOR ARE TO ACTIVATE WHEN ANY OCCUPANCY SENSOR ON THAT FLOOR IS TRIGGERED. WHEN THE CORRIDOR IS UNOCCUPIED, ALL CORRIDOR LIGHTING IS TO BE DIMMED TO 25%.
- D. STAIRWELL LIGHTING IS TO BE CONTROLLED BY WAY OF rLIGHT AIR WIRELESS LIGHTING CONTROL SYSTEM. ALL STAIRWELL FIXTURES ARE TO BE COMPLETE WITH INTEGRAL OCCUPANCY SENSOR AND rLIGHT AIR COMPATIBILITY. FIXTURES ARE TO BE PROGRAMMED USING rLIGHT AIR MOBILE APP TO TURN ON WHEN ANY OF THE FIXTURES IN THE STAIRWELL DETECT OCCUPANCY. STAIRWELL FIXTURES WILL DIM TO 10% AUTOMATICALLY WHEN NO OCCUPANCY IS DETECTED. REFER TO LIGHTING SCHEDULE FOR EXACT FIXTURE SPECIFICATIONS.

GENERAL POWER NOTES:

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- B. PROVIDE AND INSTALL CONDUCTORS TO COMPLY WITH THE CANADIAN ELECTRICAL CODE RULE 8-102 (VOLTAGE DROP).
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- D. PROVIDE FIRE STOPPING ON ALL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS.
- E. ALL EXHAUST FANS SHALL BE SUPPLIED AND INSTALLED BY THE MECHANICAL CONTRACTOR. POWER WIRING TO FANS SHALL BE SUPPLIED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
- F. DO NOT INSTALL OUTLETS BACK TO BACK IN WALLS. ALLOW MINIMUM 6" HORIZONTAL CLEARANCE BETWEEN BOXES.
- G. PROVIDE DEDICATED CIRCUIT FOR POWER TO LIGHT FIXTURE AND GFI RECEPTACLE IN ELEVATOR PIT AND AT TOP OF ELEVATOR HOISTWAY. COORDINATE EXACT LOCATIONS WITH ELEVATOR MANUFACTURER ON SITE AS PER THEIR REQUIREMENTS.

GENERAL LIFE SAFETY NOTES:

- A. CONFIRM ALL LOCATIONS OF SPRINKLER FLOW AND TAMPER SWITCHES WITH SPRINKLER CONTRACTOR. WIRE ALL SPRINKLER FLOW AND TAMPER SWITCHES AS REQUIRED. ALL SPRINKLER ZONES ARE TO BE ANNOUNCIATED ON THE FIRE ALARM PANEL.
- B. PROVIDE FIRE STOPPING ON ALL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS.
- C. QUANTITY OF EMERGENCY LIGHTING FIXTURES SHOWN IS THE MINIMUM REQUIRED. ADDITIONAL FIXTURES MAY BE REQUIRED BY LOCAL AUTHORITIES. INCLUDE IN THIS CONTRACT FOR SUPPLY WIRING AND INSTALLATION OF 8 ADDITIONAL TWIN HEADS. IF NOT USED TURN OVER TO OWNER AS SPARE.
- D. NORMAL POWER TO EMERGENCY BATTERY PACKS TO COME FROM SAME ELECTRICAL CIRCUIT AS NORMAL POWER THAT SERVES LIGHTING AREA WHERE BATTERY PACK AND ASSOCIATED REMOTE EMERGENCY LIGHTING PROVIDES EMERGENCY ILLUMINATION IN THE EVENT OF POWER FAILURE. ENSURE EMERGENCY LIGHTING SYSTEM INSTALLATION COMPLIES WITH RULE 46-304(4) OF THE CANADIAN ELECTRICAL CODE.
- E. ALL CEILING MOUNTED EXITS ARE TO BE MOUNTED 10'-0" A.F.F. USING 27mmC EXCEPT WHERE INSTALLED ON DROPPED CEILING.
- F. FIRE ALARM SYSTEM AND ALL FIRE ALARM DEVICES SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL BUILDING CODE - ALBERTA EDITION.
- G. THE ELECTRICAL SUB-CONTRACTOR SHALL INSTALL THE FIRE ALARM SYSTEM AS PER ULC STANDARD S524 AS REFERENCED IN THE LATEST EDITION OF THE NATIONAL BUILDING CODE - ALBERTA EDITION.
- H. AS PART OF THE FIRE ALARM VERIFICATION THE ELECTRICAL SUB-CONTRACTOR SHALL COMPLY WITH THE ULC-5537 AS REFERENCED IN THE LATEST EDITION OF THE NATIONAL BUILDING CODE - ALBERTA EDITION.
- I. SIGNAL FROM MAIN FIRE ALARM PANEL TO FIRE DEPARTMENT MUST CONFORM WITH CANULC-8561 AS REFERENCED IN THE LATEST EDITION OF THE NATIONAL BUILDING CODE - ALBERTA EDITION.
- J. ALL AUDIBLE DEVICES ARE TO BE COMPLETE WITH VISUALS. AUDIBLE DEVICES ARE TO BE COMPLETE WITH TEMPORAL SOUND PATTERN.
- K. PROVIDE A FIRE HORN IN EACH BEDROOM AND A FIRE STROBE IN EACH LIVING ROOM OF EACH SUITE. MAIN FIRE ALARM PANEL IS TO BE CAPABLE OF SILENCING SUITE HORNS WITH THE RESTRICTIONS OUTLINED IN THE NATIONAL BUILDING CODE - ALBERTA EDITION ARTICLE 3.2.4.18 (11).
- L. EACH SUITE SHALL BE EQUIPPED WITH AN OPERATING SMOKE ALARM.
- M. THE FIRE ALARM SYSTEM SHALL BE A SINGLE STAGE ADDRESSABLE SYSTEM.
- N. ALL FIRE ALARM SYSTEM SIGNALING CIRCUIT WIRING SHALL BE A COMBINATION OF CLASS 'A' & CLASS 'B' - SUPERVISED. REFER TO ELECTRICAL DETAILS.
- O. ENSURE ALL EXIT SIGNS ARE INSTALLED TO ALLOW VIEWING ANGLES AND AVOID BLOCKAGE FROM STRUCTURAL / MECHANICAL AND STORE SIGNAGE.
- P. WHERE COMBINATION FIRE & SMOKE DAMPERS ARE INSTALLED AND COULD OBSTRUCT ALL AIRFLOW FOR A PARTICULAR HVAC UNIT, THE HVAC UNIT NEEDS TO BE SHUT DOWN AUTOMATICALLY WHEN THE FIRE & SMOKE DAMPER CLOSES. COORDINATE WITH MECHANICAL SUB-CONTRACTOR WHERE THIS IS APPLICABLE AND PROVIDE NECESSARY COMPONENTS TO ENSURE THESE HVAC UNITS SHUT DOWN AS INTENDED.
- Q. ALL FIRE ALARM SMOKE DETECTORS INSTALLED IN A CONCEALED SPACE MUST HAVE AN LED INDICATOR LIGHT INSTALLED (WITH THE DEVICE LOCATION IDENTIFIED) IN A READILY VISIBLE LOCATION THAT INDICATES DETECTOR ACTIVATION.

DRAWING KEY NOTES:

- 1. FIRE ALARM SMOKE DETECTOR FOR ELEVATOR EMERGENCY RECALL OPERATION. REFER TO DETAIL AND FIRE ALARMS SEQUENCE OF OPERATIONS MATRIX.
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ISSUED FOR COORDINATION

NO.	ISSUE/REVISION	DATE
1	30% Review	2026-04-30

PROJECT MANAGER	DRAWN
K.V	T.K/G.T
PROJECT LEAD	CHECKED
J.P/G.U	J.P/G.U/K.V

BLACK BEAR CROSSING - BLACK BIRCH HEIGHTS

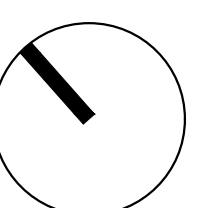
BLACK BEAR CROSSING SW, TSUU T'INA NATION 145 AB

PROJECT # 25141.1
CITY FILE #

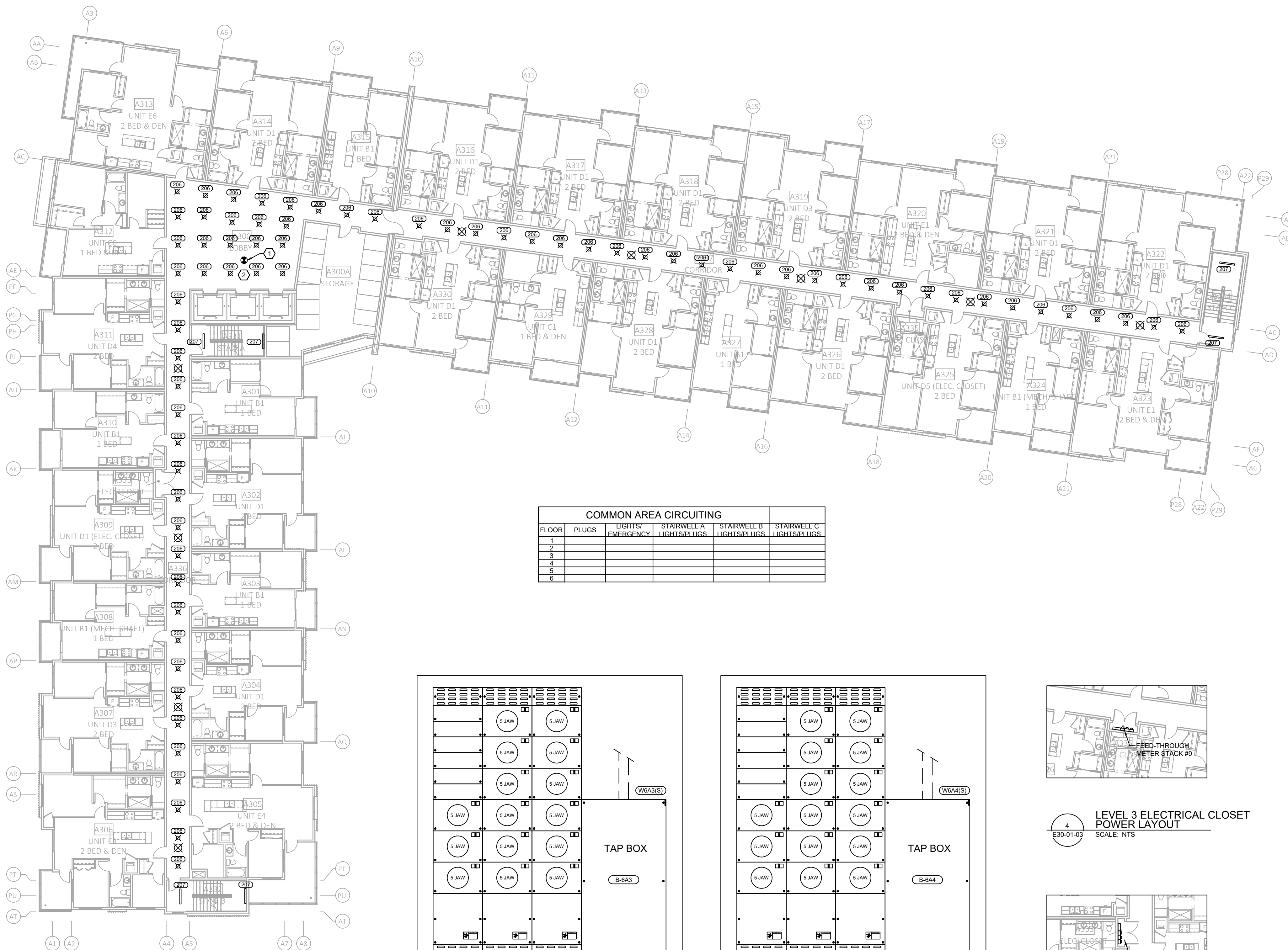


BUILDING A - LEVEL 2 FLOOR PLAN ELECTRICAL LAYOUT

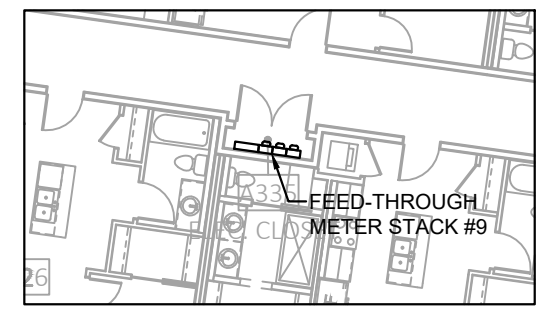
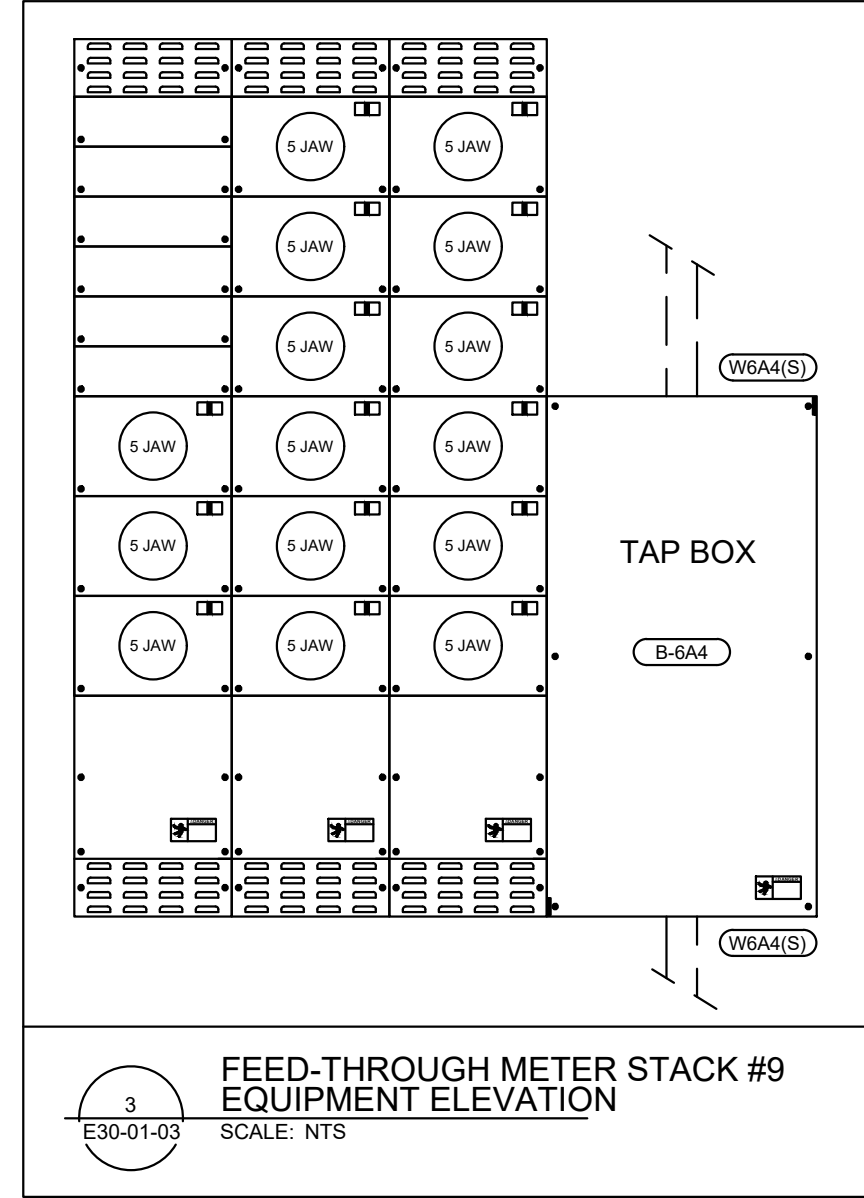
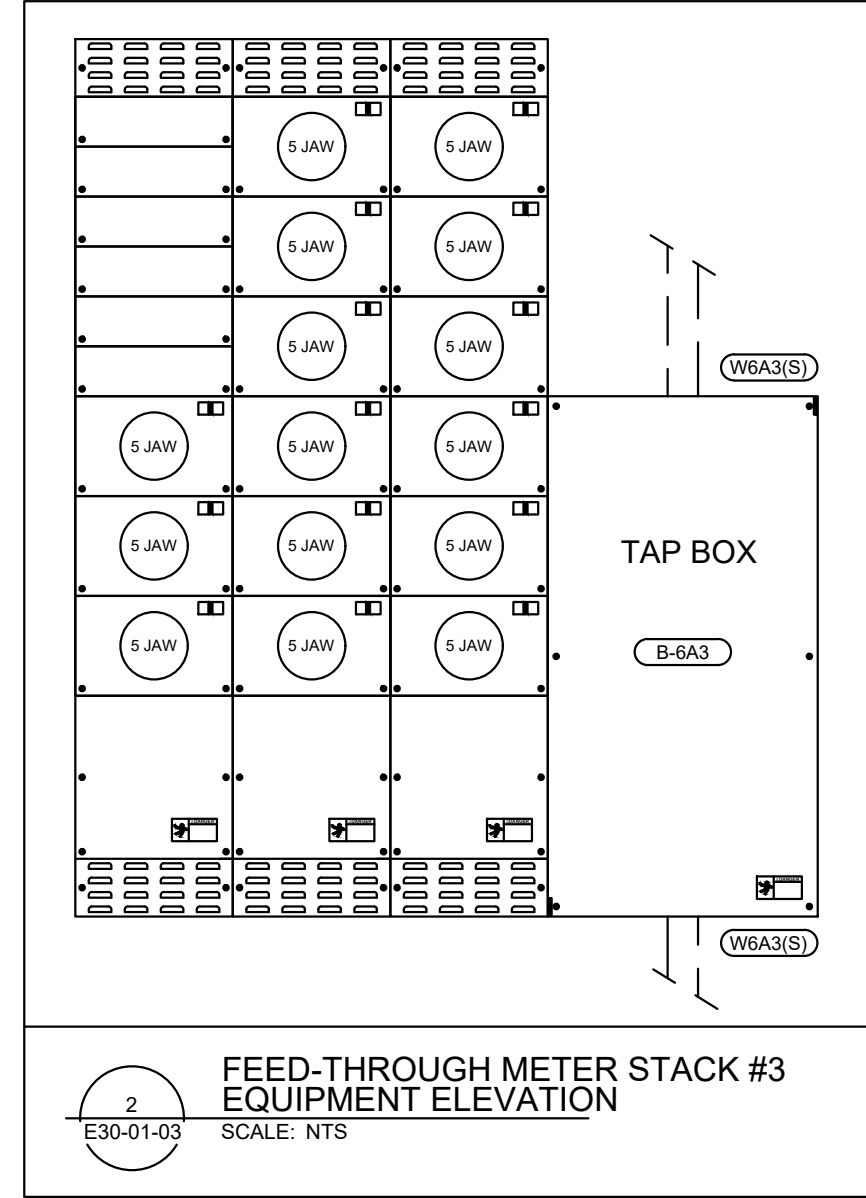
SCALE



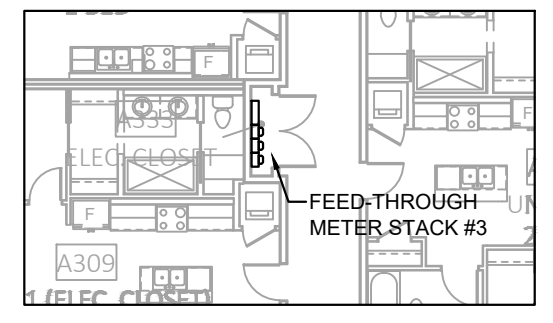
E30-01-02



COMMON AREA CIRCUITING				
FLOOR	PLUGS	LIGHTS/ EMERGENCY	STAIRWELL A LIGHTS/PLUGS	STAIRWELL B LIGHTS/PLUGS
1				
2				
3				
4				
5				
6				



4 LEVEL 3 ELECTRICAL CLOSET
POWER LAYOUT
SCALE: NTS



5 LEVEL 3 ELECTRICAL CLOSET
POWER LAYOUT
SCALE: NTS

1 BUILDING A - LEVEL 3 FLOOR PLAN
ELECTRICAL LAYOUT
SCALE: 1/16" = 1'-0"

2 FEED-THROUGH METER STACK #3
EQUIPMENT ELEVATION
SCALE: NTS

3 FEED-THROUGH METER STACK #9
EQUIPMENT ELEVATION
SCALE: NTS

GENERAL LIGHTING NOTES:

- A. PROVIDE AND INSTALL CONDUCTORS TO COMPLY WITH THE CANADIAN ELECTRICAL CODE RULE 8-102 (VOLTAGE DROP).
- B. THIS ELECTRICAL SUB-CONTRACTOR MUST NOT INSTALL RECESSED LIGHTING INTO A RATED CEILING MEMBRANE UNLESS THE RECESSED LIGHT IS EQUIPPED WITH A FIRE RATED SYSTEM MEANT TO BE INSTALLED IN A RATED CEILING. CONTRACTOR TO CONFIRM LIGHT SPECIFICATIONS AND WHERE LIGHTS ARE TO BE INSTALLED PRIOR TO SUBMISSION OF LIGHTING SHOP DRAWINGS AND ORDERING OF LIGHTS.
- C. ALL CORRIDOR LIGHTING IS TO BE CONTROLLED BY WAY OF rLIGHT AIR ENABLED OCCUPANCY SENSORS. ALL OCCUPANCY SENSORS ON EACH FLOOR ARE TO BE INTERCONNECTED SO ALL LIGHTS IN CORRIDOR ARE TO ACTIVATE WHEN ANY OCCUPANCY SENSOR ON THAT FLOOR IS TRIGGERED. WHEN THE CORRIDOR IS UNOCCUPIED, ALL CORRIDOR LIGHTING IS TO BE DIMMED TO 25%.
- D. STAIRWELL LIGHTING IS TO BE CONTROLLED BY WAY OF rLIGHT AIR WIRELESS LIGHTING CONTROL SYSTEM. ALL STAIRWELL FIXTURES SHALL BE SUPPLIED AND INSTALLED BY THE MECHANICAL CONTRACTOR. POWER WIRING TO FANS SHALL BE SUPPLIED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.

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PROJECT MANAGER	DRAWN
K.V	T.K/G.T
PROJECT LEAD	CHECKED
J.P/G.U	J.P/G.U/K.V

BLACK BEAR
CROSSING - BLACK
BIRCH HEIGHTS

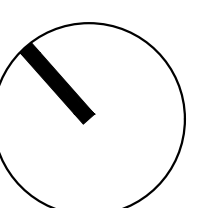
BLACK BEAR CROSSING SW, TSUU
T'INA NATION 145 AB

PROJECT # 25141.1
CITY FILE #

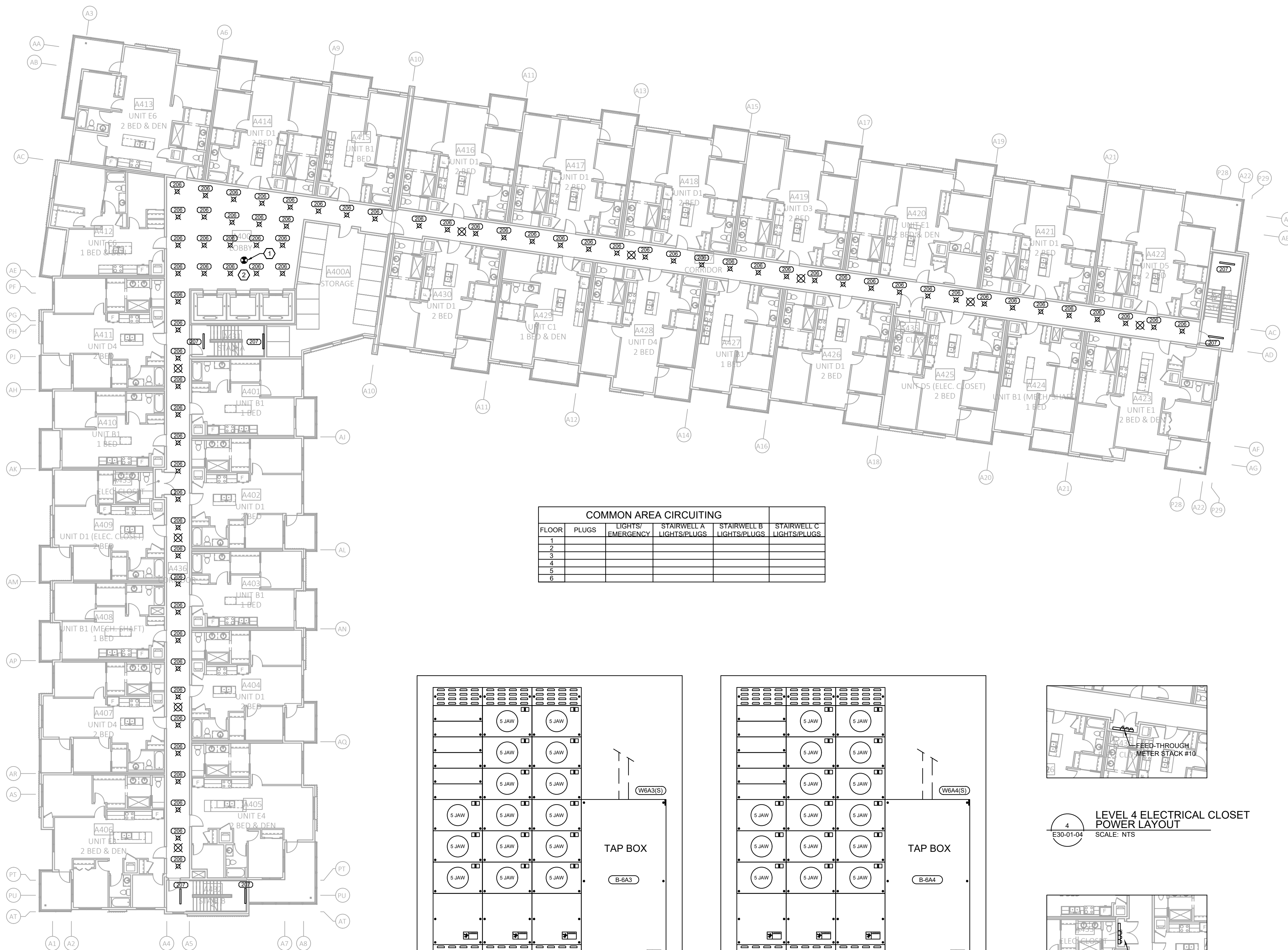


BUILDING A - LEVEL 3
FLOOR PLAN
ELECTRICAL LAYOUT

SCALE

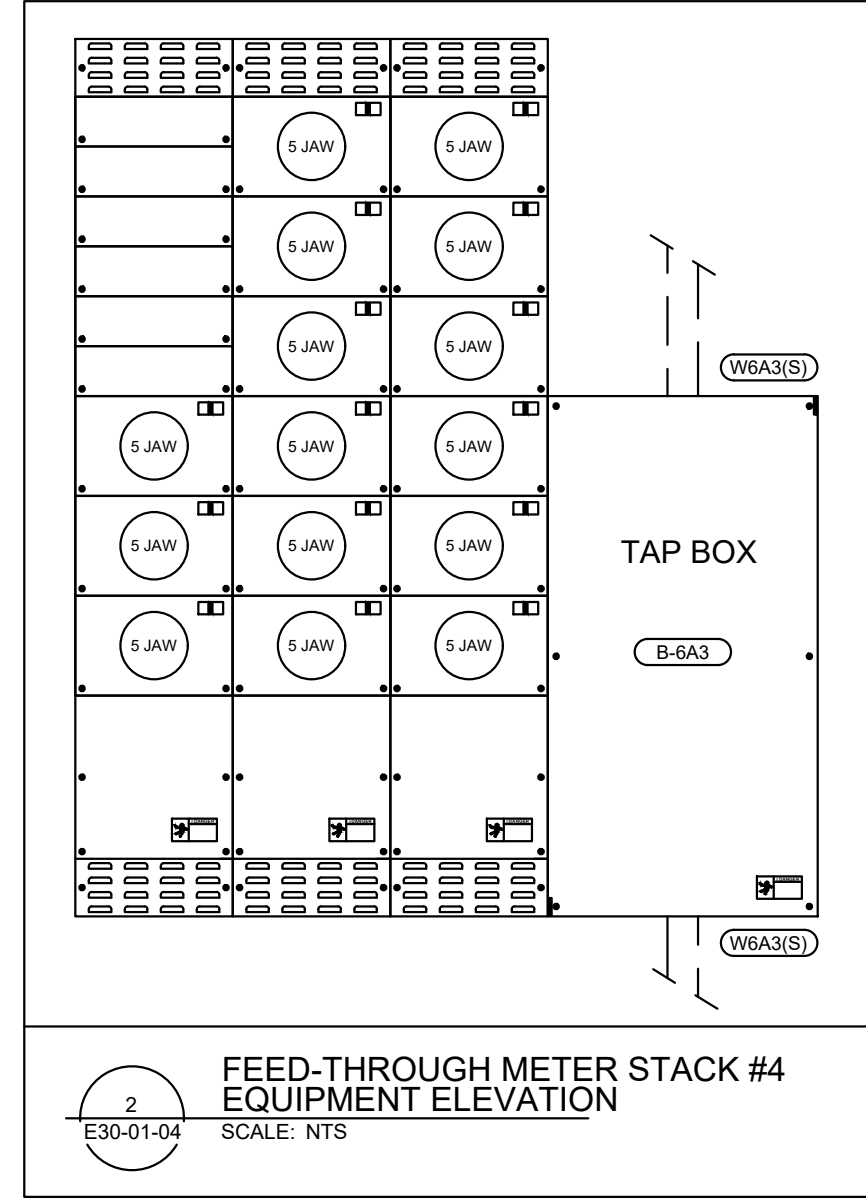


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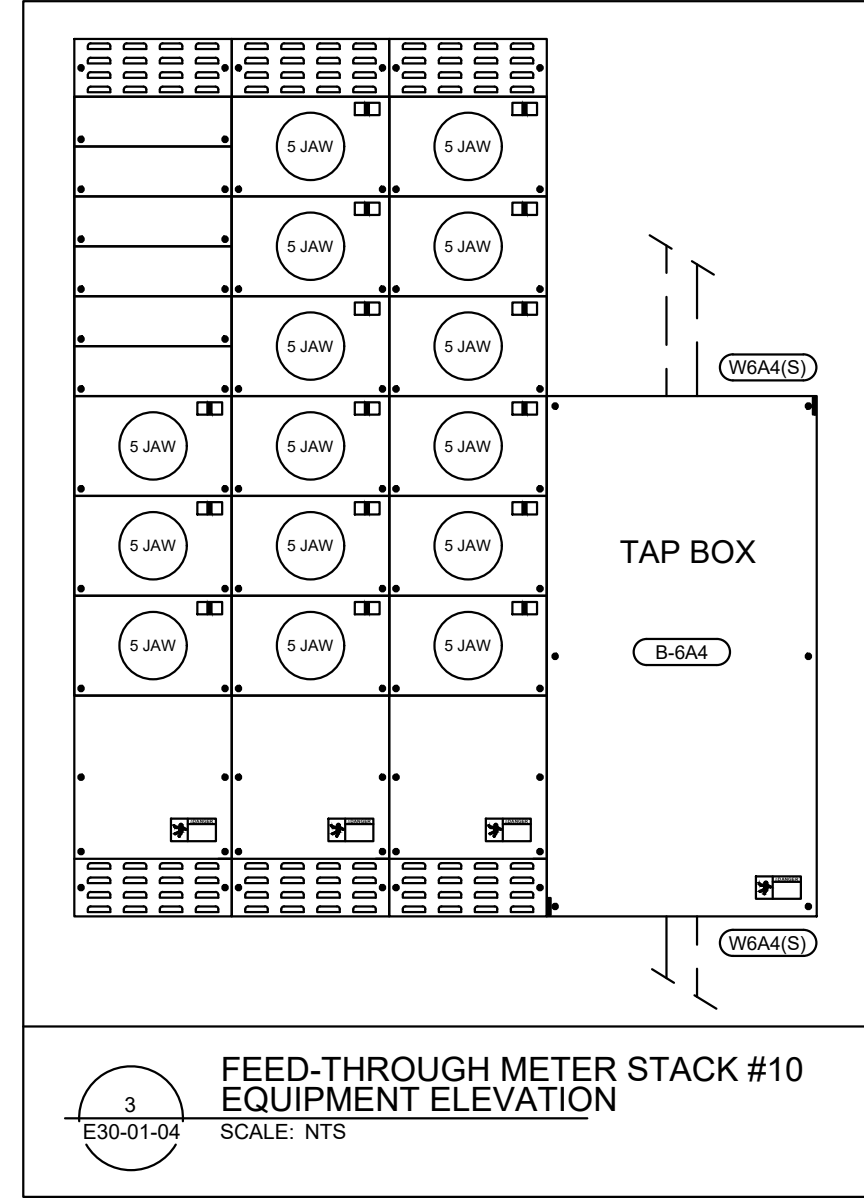


FLOOR	COMMON AREA CIRCUITING			
	PLUGS	LIGHTS/ EMERGENCY	STAIRWELL A LIGHTS/PLUGS	STAIRWELL B LIGHTS/PLUGS
1				
2				
3				
4				
5				
6				

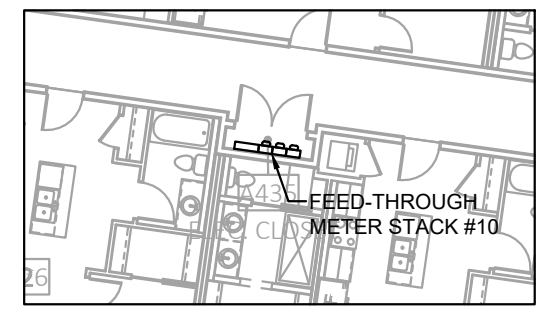
1
E30-01-04
BUILDING A - LEVEL 4 FLOOR PLAN
ELECTRICAL LAYOUT
SCALE: 1/16" = 1'-0"



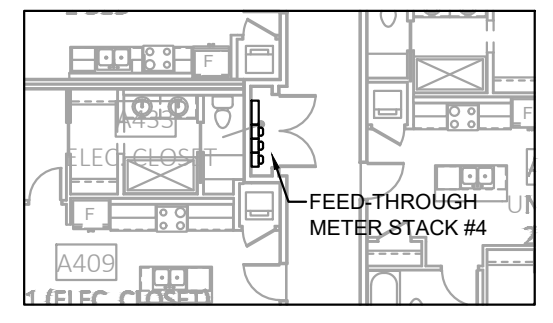
2
E30-01-04
FEED-THROUGH METER STACK #4
EQUIPMENT ELEVATION
SCALE: NTS



3
E30-01-04
FEED-THROUGH METER STACK #10
EQUIPMENT ELEVATION
SCALE: NTS



4
E30-01-04
LEVEL 4 ELECTRICAL CLOSET
POWER LAYOUT
SCALE: NTS



5
E30-01-04
LEVEL 4 ELECTRICAL CLOSET
POWER LAYOUT
SCALE: NTS

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PROJECT MANAGER	DRAWN
K.V	T.K/G.T
PROJECT LEAD	CHECKED
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BLACK BEAR CROSSING - BLACK BIRCH HEIGHTS

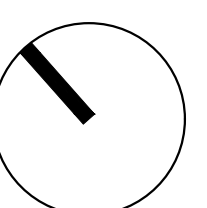
BLACK BEAR CROSSING SW, TSUU T'INA NATION 145 AB

PROJECT # 25141.1
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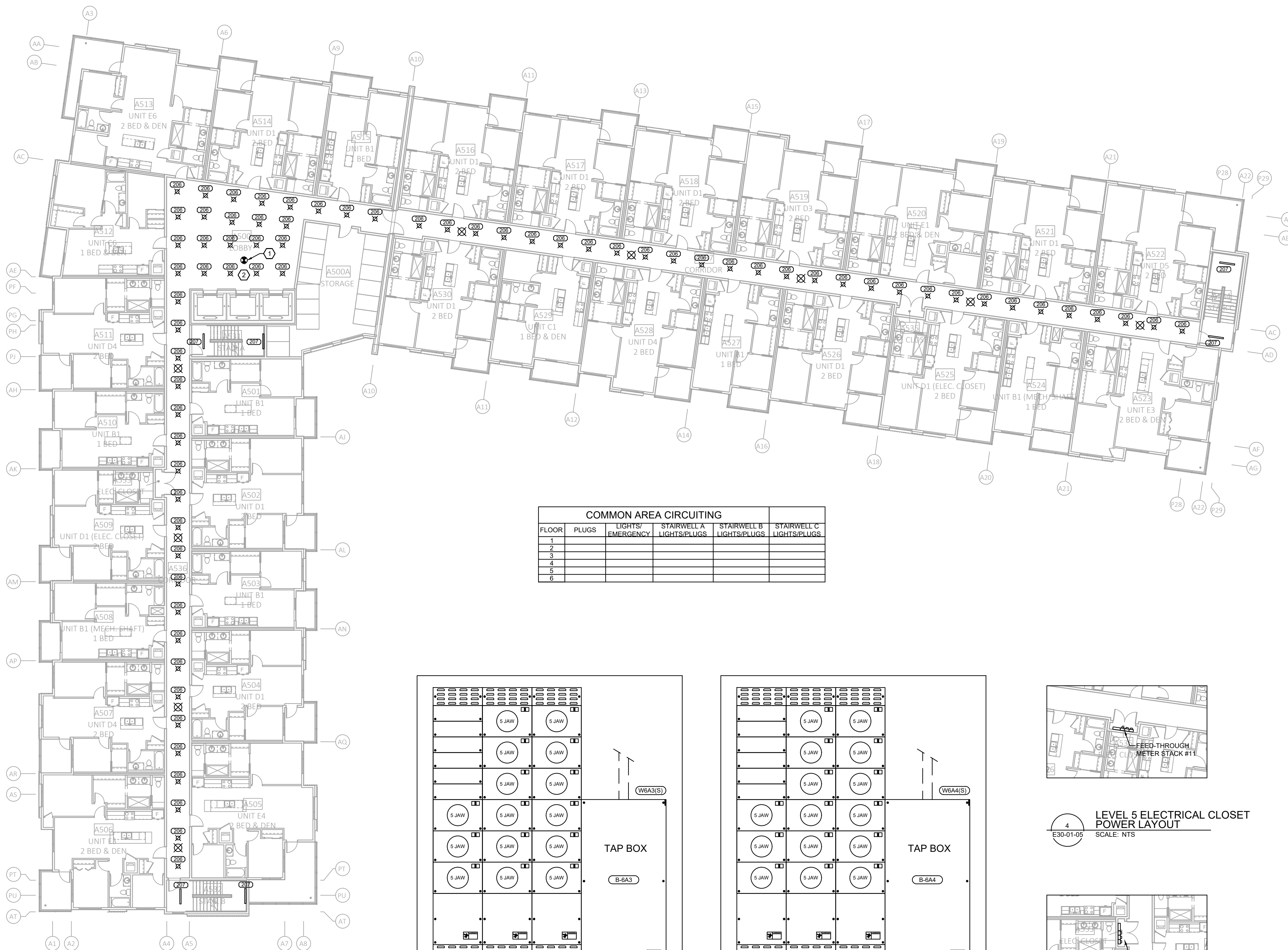


BUILDING A - LEVEL 4 FLOOR PLAN ELECTRICAL LAYOUT

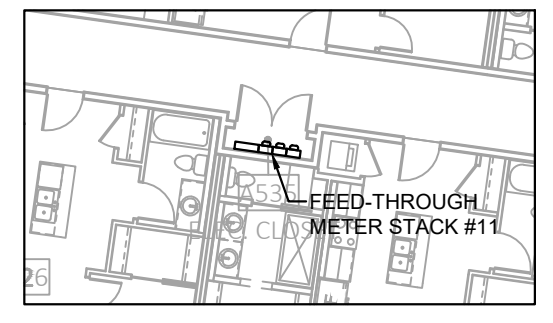
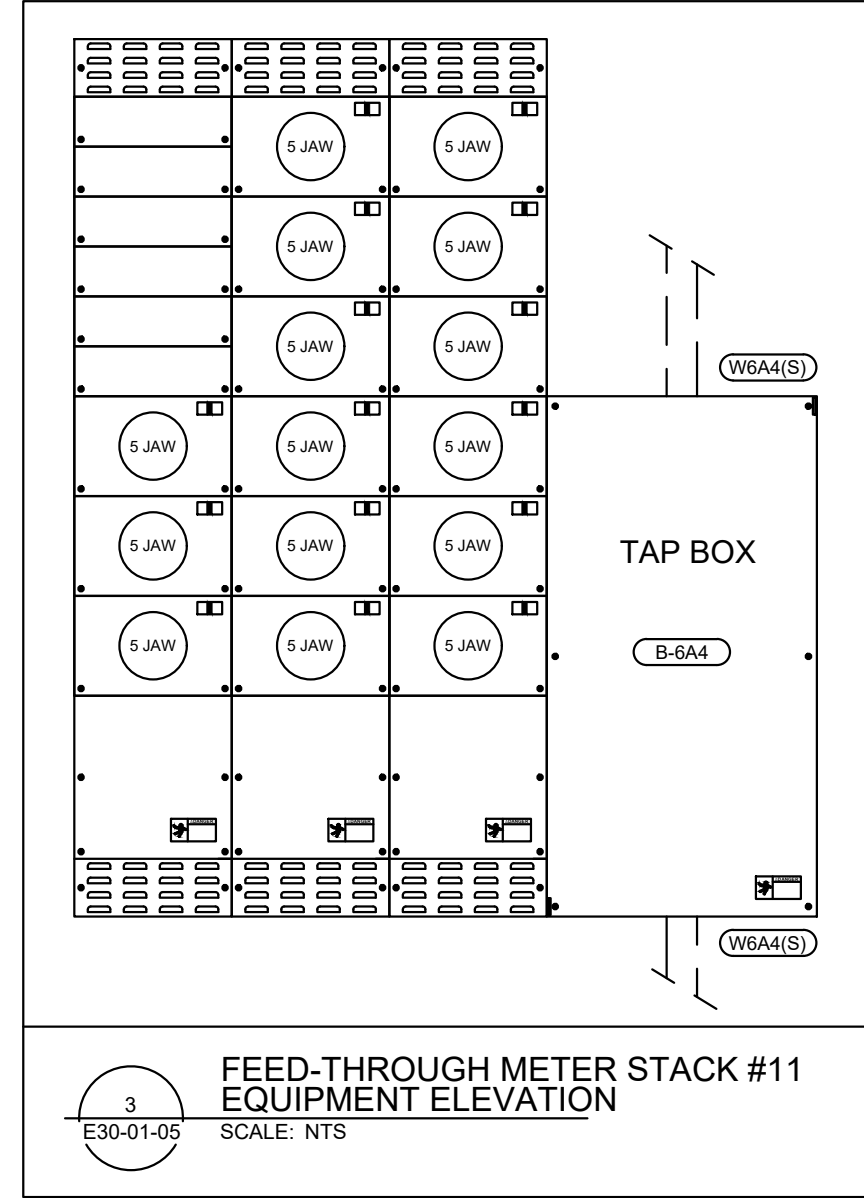
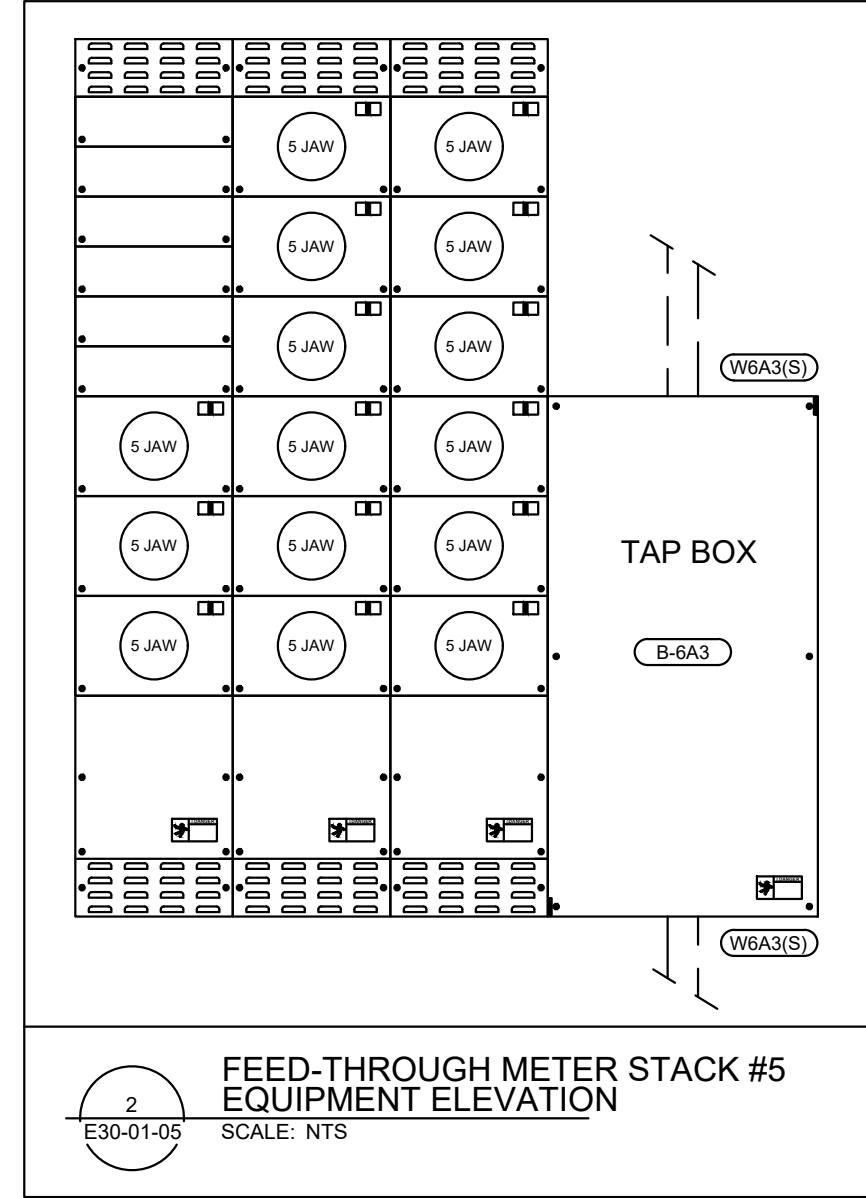
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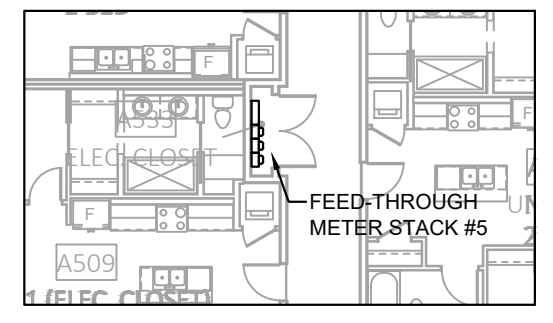
E30-01-04



FLOOR	COMMON AREA CIRCUITING		
	LIGHTS/ EMERGENCY PLUGS	STAIRWELL A LIGHTS/PLUGS	STAIRWELL B LIGHTS/PLUGS
1			
2			
3			
4			
5			
6			



4
E30-01-05
SCALE: NTS
LEVEL 5 ELECTRICAL CLOSET
POWER LAYOUT



5
E30-01-05
SCALE: NTS
LEVEL 5 ELECTRICAL CLOSET
POWER LAYOUT

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- A. PROVIDE AND INSTALL CONDUCTORS TO COMPLY WITH THE CANADIAN ELECTRICAL CODE RULE 8-102 (VOLTAGE DROP).
- B. THIS ELECTRICAL SUB-CONTRACTOR MUST NOT INSTALL RECESSED LIGHTING INTO A RATED CEILING MEMBRANE UNLESS THE RECESSED LIGHT IS EQUIPPED WITH A FIRE RATED SYSTEM MEANT TO BE INSTALLED IN A RATED CEILING. CONTRACTOR TO CONFIRM LIGHT SPECIFICATIONS AND WHERE LIGHTS ARE TO BE INSTALLED PRIOR TO SUBMISSION OF LIGHTING SHOP DRAWINGS AND ORDERING OF LIGHTS.
- C. ALL CORRIDOR LIGHTING IS TO BE CONTROLLED BY WAY OF rLIGHT AIR ENABLED OCCUPANCY SENSORS. ALL OCCUPANCY SENSORS ON EACH FLOOR ARE TO BE INTERCONNECTED SO ALL LIGHTS IN CORRIDOR ARE TO ACTIVATE WHEN ANY OCCUPANCY SENSOR ON THAT FLOOR IS TRIGGERED. WHEN THE CORRIDOR IS UNOCCUPIED, ALL CORRIDOR LIGHTING IS TO BE DIMMED TO 25%.
- D. STAIRWELL LIGHTING IS TO BE CONTROLLED BY WAY OF rLIGHT AIR WIRELESS LIGHTING CONTROL SYSTEM. ALL STAIRWELL FIXTURES SHALL BE SUPPLIED AND INSTALLED BY THE MECHANICAL CONTRACTOR. POWER WIRING TO FANS SHALL BE SUPPLIED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.

GENERAL POWER NOTES:

- A. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT.
- B. PROVIDE AND INSTALL CONDUCTORS TO COMPLY WITH THE CANADIAN ELECTRICAL CODE RULE 8-102 (VOLTAGE DROP).
- C. SERIES RATING COMBINATION BREAKERS IS ACCEPTABLE AS PER CANADIAN ELECTRICAL CODE (CANADIAN ELECTRICAL CODE RULE 14-014) AND THE MANUFACTURER PUBLISHED DATA.
- D. PROVIDE FIRE STOPPING ON ALL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS.
- E. ALL EXHAUST FANS SHALL BE SUPPLIED AND INSTALLED BY THE MECHANICAL CONTRACTOR. POWER WIRING TO FANS SHALL BE SUPPLIED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
- F. DO NOT INSTALL OUTLETS BACK TO BACK IN WALLS. ALLOW MINIMUM 6" HORIZONTAL CLEARANCE BETWEEN BOXES.
- G. PROVIDE DEDICATED CIRCUIT FOR POWER TO LIGHT FIXTURE AND GFI RECEPTACLE IN ELEVATOR PIT AND AT TOP OF ELEVATOR HOISTWAY. COORDINATE EXACT LOCATIONS WITH ELEVATOR MANUFACTURER ON SITE AS PER THEIR REQUIREMENTS.

GENERAL LIFE SAFETY NOTES:

- A. CONFIRM ALL LOCATIONS OF SPRINKLER FLOW AND TAMPER SWITCHES WITH SPRINKLER CONTRACTOR. WIRE ALL SPRINKLER FLOW AND TAMPER SWITCHES AS REQUIRED. ALL SPRINKLER ZONES ARE TO BE ANNUNCIATED ON THE FIRE ALARM PANEL.
- B. PROVIDE FIRE STOPPING ON ALL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS.
- C. QUANTITY OF EMERGENCY LIGHTING FIXTURES SHOWN IS THE MINIMUM REQUIRED. ADDITIONAL FIXTURES MAY BE REQUIRED BY LOCAL AUTHORITIES. INCLUDE IN THIS CONTRACT FOR SUPPLY WIRING AND INSTALLATION OF 8 ADDITIONAL TWIN HEADS. IF NOT USED TURN OVER TO OWNER AS SPARE.
- D. NORMAL POWER TO EMERGENCY BATTERY PACKS TO COME FROM SAME ELECTRICAL CIRCUIT AS NORMAL POWER THAT SERVES LIGHTING IN AREA WHERE BATTERY PACK AND ASSOCIATED REMOTE EMERGENCY LIGHTING PROVIDES EMERGENCY ILLUMINATION IN THE EVENT OF POWER FAILURE. ENSURE EMERGENCY LIGHTING SYSTEM INSTALLATION COMPLIES WITH RULE 46-304(4) OF THE CANADIAN ELECTRICAL CODE.
- E. ALL CEILING MOUNTED EXITS ARE TO BE MOUNTED 10'-0" A.F.F. USING 27mmC EXCEPT WHERE INSTALLED ON DROPPED CEILINGS.
- F. FIRE ALARM SYSTEM AND ALL FIRE ALARM DEVICES SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL BUILDING CODE - ALBERTA EDITION.
- G. THE ELECTRICAL SUB-CONTRACTOR SHALL INSTALL THE FIRE ALARM SYSTEM AS PER ULC STANDARD S524 AS REFERENCED IN THE LATEST EDITION OF THE NATIONAL BUILDING CODE - ALBERTA EDITION.
- H. AS PART OF THE FIRE ALARM VERIFICATION THE ELECTRICAL SUB-CONTRACTOR SHALL COMPLY WITH THE ULC-5537 AS REFERENCED IN THE LATEST EDITION OF THE NATIONAL BUILDING CODE - ALBERTA EDITION.
- I. SIGNAL FROM MAIN FIRE ALARM PANEL TO FIRE DEPARTMENT MUST CONFORM WITH CANULC-8561 AS REFERENCED IN THE LATEST EDITION OF THE NATIONAL BUILDING CODE - ALBERTA EDITION.
- J. ALL AUDIBLE DEVICES ARE TO BE COMPLETE WITH VISUALS. AUDIBLE DEVICES ARE TO BE COMPLETE WITH TEMPORAL SOUND PATTERN.
- K. PROVIDE A FIRE HORN IN EACH BEDROOM AND A FIRE STROBE IN EACH LIVING ROOM OF EACH SUITE. MAIN FIRE ALARM PANEL IS TO BE CAPABLE OF SILENCING SUITE HORNS WITH THE RESTRICTIONS OUTLINED IN THE NATIONAL BUILDING CODE - ALBERTA EDITION ARTICLE 3.2.4.18 (11).
- L. EACH SUITE SHALL BE EQUIPPED WITH AN OPERATING SMOKE ALARM.
- M. THE FIRE ALARM SYSTEM SHALL BE A SINGLE STAGE ADDRESSABLE SYSTEM.
- N. ALL FIRE ALARM SYSTEM SIGNALING CIRCUIT WIRING SHALL BE A COMBINATION OF CLASS 'A' & CLASS 'B' - SUPERVISED. REFER TO ELECTRICAL DETAILS.
- O. ENSURE ALL EXIT SIGNS ARE INSTALLED TO ALLOW VIEWING ANGLES AND AVOID BLOCKAGE FROM STRUCTURAL / MECHANICAL AND STORE SIGNAGE.
- P. WHERE COMBINATION FIRE & SMOKE DAMPERS ARE INSTALLED AND COULD OBSTRUCT ALL AIRFLOW FOR A PARTICULAR HVAC UNIT, THE HVAC UNIT NEEDS TO BE SHUT DOWN AUTOMATICALLY WHEN THE FIRE & SMOKE DAMPER CLOSES. COORDINATE WITH MECHANICAL SUB-CONTRACTOR WHERE THIS IS APPLICABLE AND PROVIDE NECESSARY COMPONENTS TO ENSURE THESE HVAC UNITS SHUT DOWN AS INTENDED.
- Q. ALL FIRE ALARM SMOKE DETECTORS INSTALLED IN A CONCEALED SPACE MUST HAVE AN LED INDICATOR LIGHT INSTALLED (WITH THE DEVICE LOCATION IDENTIFIED) IN A READILY VISIBLE LOCATION THAT INDICATES DETECTOR ACTIVATION.

DRAWING KEY NOTES:

- 1. FIRE ALARM SMOKE DETECTOR FOR ELEVATOR EMERGENCY RECALL OPERATION. REFER TO DETAIL AND FIRE ALARMS SEQUENCE OF OPERATIONS MATRIX.
- 2. ALL LIGHTING FIXTURES IN ELEVATOR LOBBY ARE TO REMAIN ON AT ALL TIMES TO MEET CONSTANT ILLUMINATION LEVELS IN ACCORDANCE WITH AEDARS REQUIREMENTS.

ISSUED FOR
COORDINATION

NO.	ISSUE/REVISION	DATE
1	30% Review	2026-04-30

PROJECT MANAGER	DRAWN
K.V	T.K/G.T
PROJECT LEAD	CHECKED
J.P/G.U	J.P/G.U/K.V

BLACK BEAR
CROSSING - BLACK
BIRCH HEIGHTS

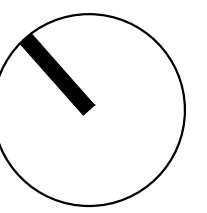
BLACK BEAR CROSSING SW, TSUU
T'INA NATION 145 AB

PROJECT # 25141.1
CITY FILE #

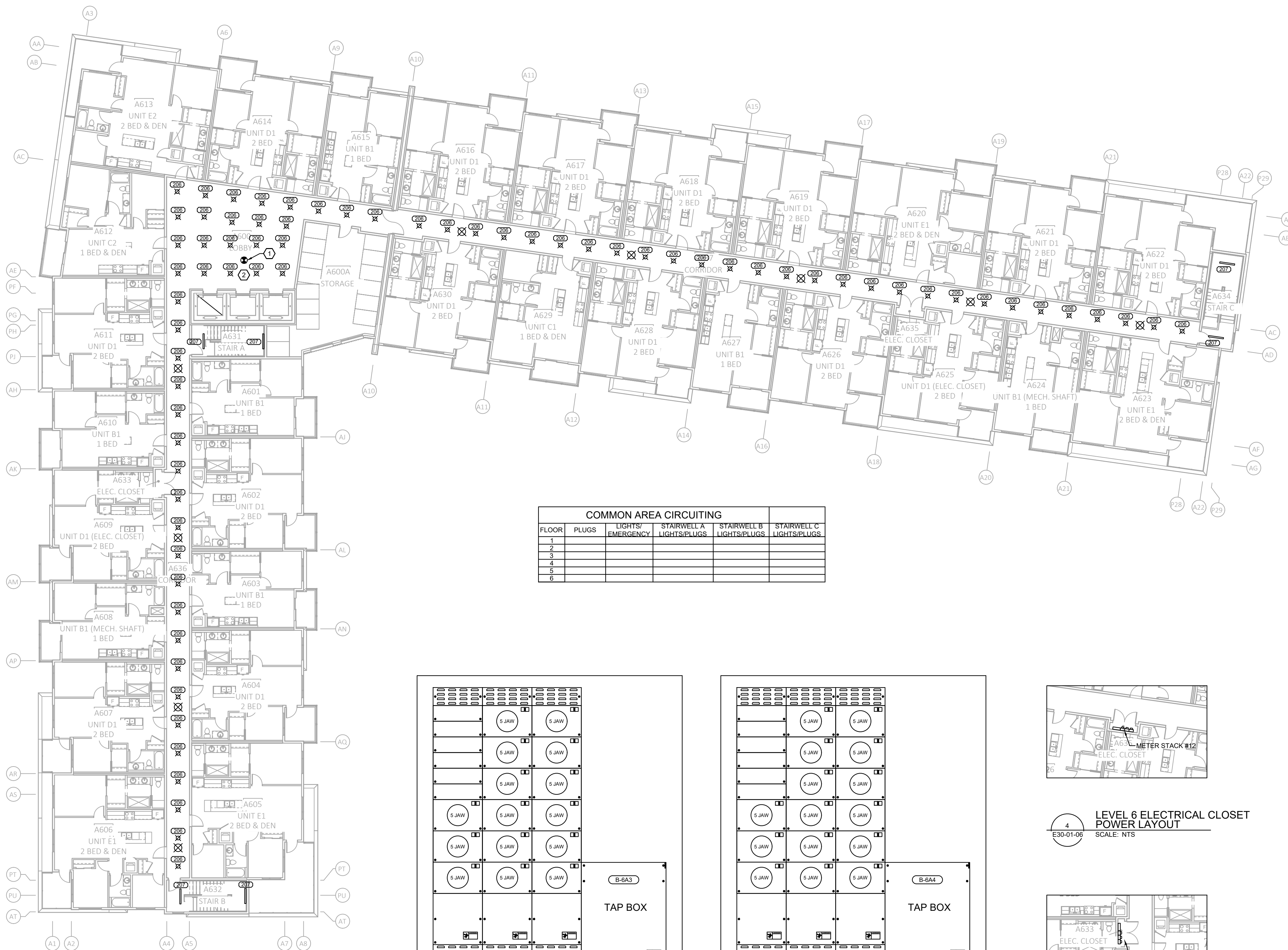


BUILDING A - LEVEL 5
FLOOR PLAN
ELECTRICAL LAYOUT

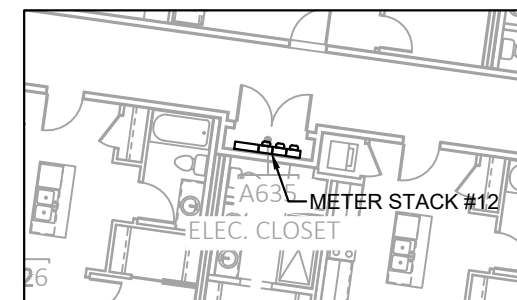
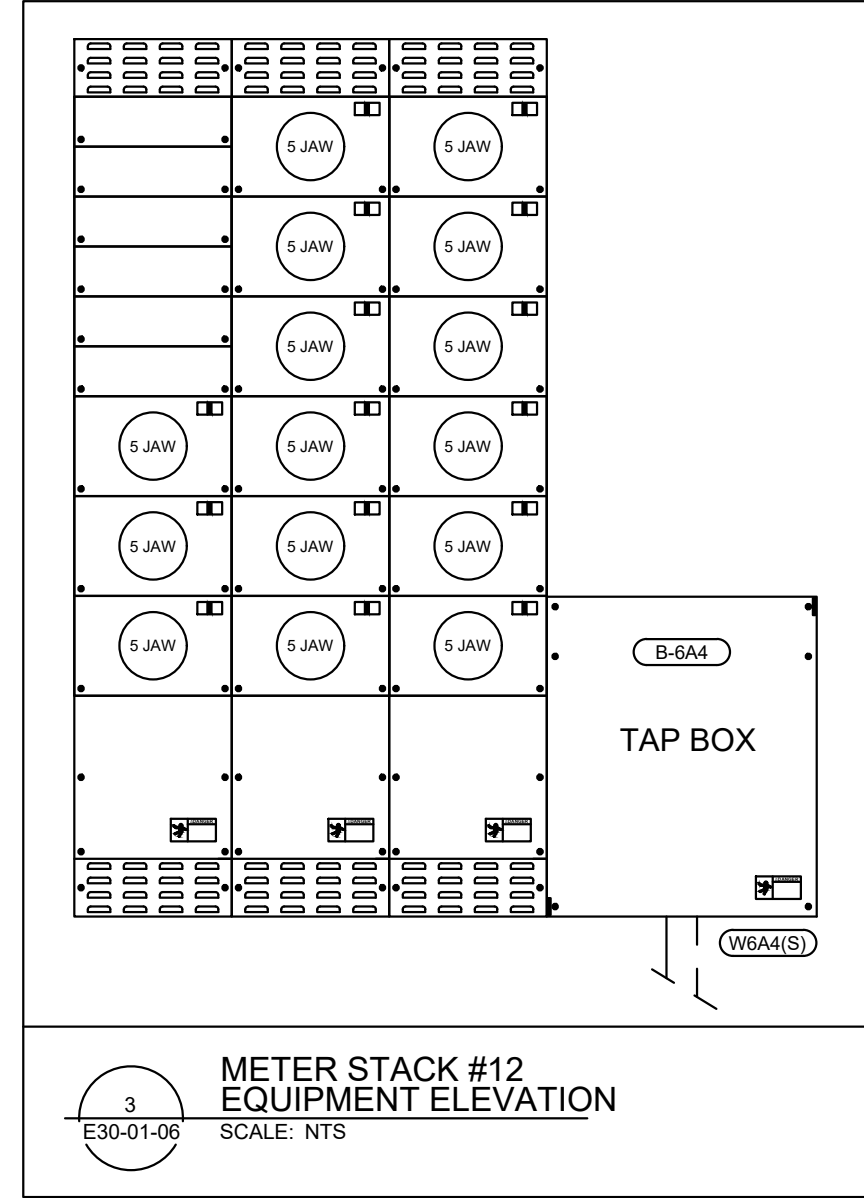
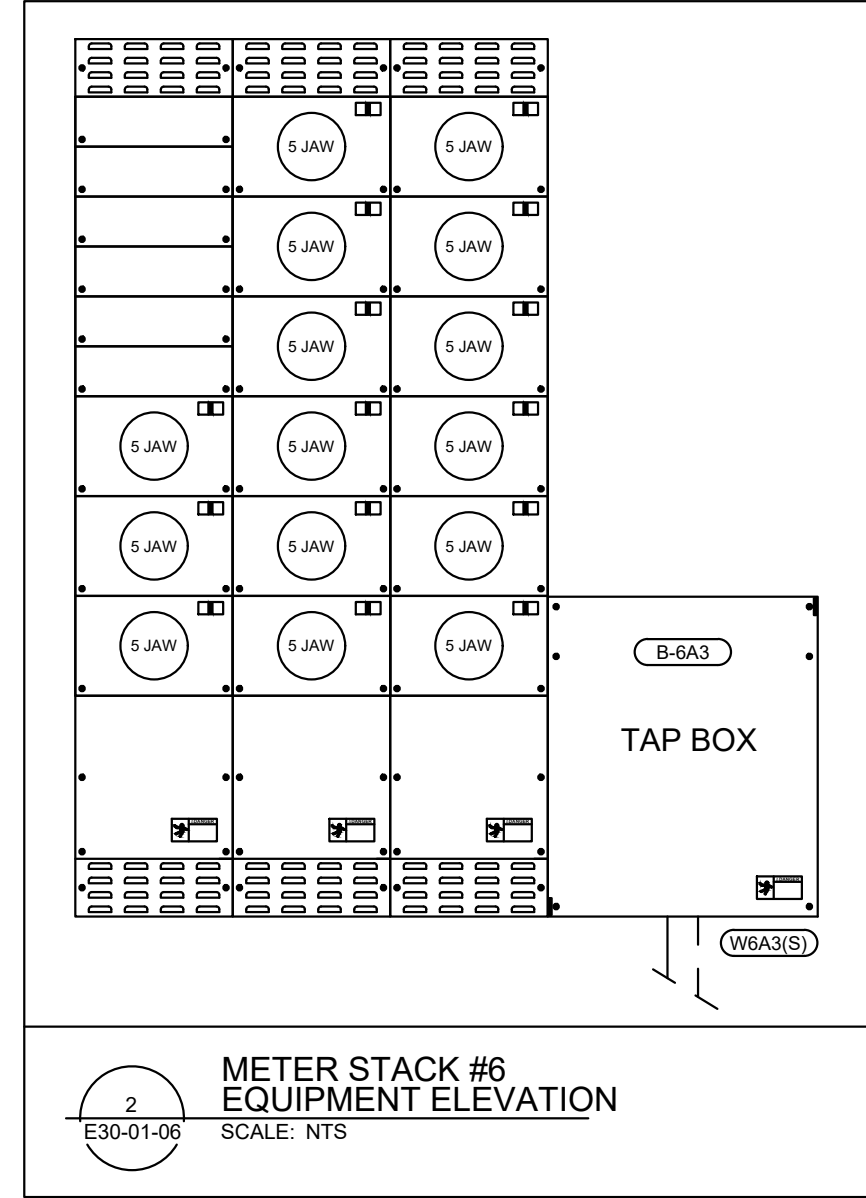
SCALE



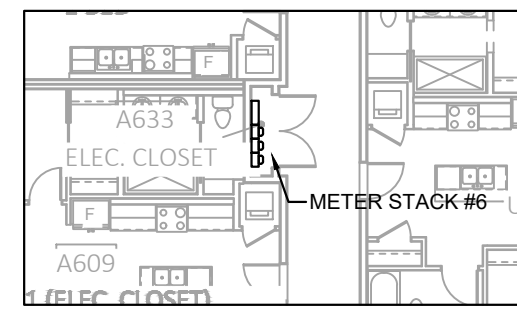
E30-01-05



FLOOR	COMMON AREA CIRCUITING			
	PLUGS	LIGHTS/EMERGENCY	STAIRWELL A LIGHTS/PLUGS	STAIRWELL B LIGHTS/PLUGS
1				
2				
3				
4				
5				
6				



4
E30-01-06
LEVEL 6 ELECTRICAL CLOSET
POWER LAYOUT
SCALE: NTS



5
E30-01-06
LEVEL 6 ELECTRICAL CLOSET
POWER LAYOUT
SCALE: NTS

1
E30-01-06
BUILDING A - LEVEL 6 FLOOR PLAN
ELECTRICAL LAYOUT
SCALE: 1/16" = 1'-0"

GENERAL LIGHTING NOTES:

- A. PROVIDE AND INSTALL CONDUCTORS TO COMPLY WITH THE CANADIAN ELECTRICAL CODE RULE 8-102 (VOLTAGE DROP).
- B. THIS ELECTRICAL SUB-CONTRACTOR MUST NOT INSTALL RECESSED LIGHTING INTO A RATED CEILING MEMBRANE UNLESS THE RECESSED LIGHT IS EQUIPPED WITH A FIRE RATED SYSTEM MEANT TO BE INSTALLED IN A RATED CEILING. CONTRACTOR TO CONFIRM LIGHT SPECIFICATIONS AND WHERE LIGHTS ARE TO BE INSTALLED PRIOR TO SUBMISSION OF LIGHTING SHOP DRAWINGS AND ORDERING OF LIGHTS.
- C. ALL CORRIDOR LIGHTING IS TO BE CONTROLLED BY WAY OF rLIGHT AIR ENABLED OCCUPANCY SENSORS. ALL OCCUPANCY SENSORS ON EACH FLOOR ARE TO BE INTERCONNECTED SO ALL LIGHTS IN CORRIDOR ARE TO ACTIVATE WHEN ANY OCCUPANCY SENSOR ON THAT FLOOR IS TRIGGERED. WHEN THE CORRIDOR IS UNOCCUPIED, ALL CORRIDOR LIGHTING IS TO BE DIMMED TO 25%.
- D. STAIRWELL LIGHTING IS TO BE CONTROLLED BY WAY OF rLIGHT AIR WIRELESS LIGHTING CONTROL SYSTEM. ALL STAIRWELL FIXTURES SHALL BE COMPLETE WITH INTEGRAL OCCUPANCY SENSOR AND rLIGHT AIR COMPATIBILITY. FIXTURES ARE TO BE PROGRAMMED USING rLIGHT AIR MOBILE APP TO TURN ON WHEN ANY OF THE FIXTURES IN THE STAIRWELL DETECT OCCUPANCY. STAIRWELL FIXTURES WILL DIM TO 10% AUTOMATICALLY WHEN NO OCCUPANCY IS DETECTED. REFER TO LIGHTING SCHEDULE FOR EXACT FIXTURE SPECIFICATIONS.

GENERAL POWER NOTES:

- A. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT.
- B. PROVIDE AND INSTALL CONDUCTORS TO COMPLY WITH THE CANADIAN ELECTRICAL CODE RULE 8-102 (VOLTAGE DROP).
- C. SERIES RATING COMBINATION BREAKERS IS ACCEPTABLE AS PER CANADIAN ELECTRICAL CODE (CANADIAN ELECTRICAL CODE RULE 14-014) AND THE MANUFACTURER PUBLISHED DATA.
- D. PROVIDE FIRE STOPPING ON ALL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS.
- E. ALL EXHAUST FANS SHALL BE SUPPLIED AND INSTALLED BY THE MECHANICAL CONTRACTOR. POWER WIRING TO FANS SHALL BE SUPPLIED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
- F. DO NOT INSTALL OUTLETS BACK TO BACK IN WALLS. ALLOW MINIMUM 6" HORIZONTAL CLEARANCE BETWEEN BOXES.
- G. PROVIDE DEDICATED CIRCUIT FOR POWER TO LIGHT FIXTURE AND GFI RECEPTACLE IN ELEVATOR PIT AND AT TOP OF ELEVATOR HOISTWAY. COORDINATE EXACT LOCATIONS WITH ELEVATOR MANUFACTURER ON SITE AS PER THEIR REQUIREMENTS.

GENERAL LIFE SAFETY NOTES:

- A. CONFIRM ALL LOCATIONS OF SPRINKLER FLOW AND TAMPER SWITCHES WITH SPRINKLER CONTRACTOR. WIRE ALL SPRINKLER FLOW AND TAMPER SWITCHES AS REQUIRED. ALL SPRINKLER ZONES ARE TO BE ANNUNCIATED ON THE FIRE ALARM PANEL.
- B. PROVIDE FIRE STOPPING ON ALL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS.
- C. QUANTITY OF EMERGENCY LIGHTING FIXTURES SHOWN IS THE MINIMUM REQUIRED. ADDITIONAL FIXTURES MAY BE REQUIRED BY LOCAL AUTHORITIES. INCLUDE IN THIS CONTRACT FOR SUPPLY WIRING AND INSTALLATION OF 8 ADDITIONAL TWIN HEADS. IF NOT USED TURN OVER TO OWNER AS SPARE.
- D. NORMAL POWER TO EMERGENCY BATTERY PACKS TO COME FROM SAME ELECTRICAL CIRCUIT AS NORMAL POWER THAT SERVES LIGHTING IN AREA WHERE BATTERY PACK AND ASSOCIATED REMOTE EMERGENCY LIGHTING PROVIDES EMERGENCY ILLUMINATION IN THE EVENT OF POWER FAILURE. ENSURE EMERGENCY LIGHTING SYSTEM INSTALLATION COMPLIES WITH RULE 46-304(4) OF THE CANADIAN ELECTRICAL CODE.
- E. ALL CEILING MOUNTED EXITS ARE TO BE MOUNTED 10'-0" A.F.F. USING 27mmC EXCEPT WHERE INSTALLED ON DROPPED CEILING.
- F. FIRE ALARM SYSTEM AND ALL FIRE ALARM DEVICES SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL BUILDING CODE - ALBERTA EDITION.
- G. THE ELECTRICAL SUB-CONTRACTOR SHALL INSTALL THE FIRE ALARM SYSTEM AS PER ULC STANDARD S524 AS REFERENCED IN THE LATEST EDITION OF THE NATIONAL BUILDING CODE - ALBERTA EDITION.
- H. AS PART OF THE FIRE ALARM VERIFICATION THE ELECTRICAL SUB-CONTRACTOR SHALL COMPLY WITH THE ULC-5537 AS REFERENCED IN THE LATEST EDITION OF THE NATIONAL BUILDING CODE - ALBERTA EDITION.
- I. SIGNAL FROM MAIN FIRE ALARM PANEL TO FIRE DEPARTMENT MUST CONFORM WITH CANULC-8561 AS REFERENCED IN THE LATEST EDITION OF THE NATIONAL BUILDING CODE - ALBERTA EDITION.
- J. ALL AUDIBLE DEVICES ARE TO BE COMPLETE WITH VISUALS. AUDIBLE DEVICES ARE TO BE COMPLETE WITH TEMPORAL SOUND PATTERN.
- K. PROVIDE A FIRE HORN IN EACH BEDROOM AND A FIRE STROBE IN EACH LIVING ROOM OF EACH SUITE. MAIN FIRE ALARM PANEL IS TO BE CAPABLE OF SILENCING SUITE HORNS WITH THE RESTRICTIONS OUTLINED IN THE NATIONAL BUILDING CODE - ALBERTA EDITION ARTICLE 3.2.4.18 (11).
- L. EACH SUITE SHALL BE EQUIPPED WITH AN OPERATING SMOKE ALARM.
- M. THE FIRE ALARM SYSTEM SHALL BE A SINGLE STAGE ADDRESSABLE SYSTEM.
- N. ALL FIRE ALARM SYSTEM SIGNALING CIRCUIT WIRING SHALL BE A COMBINATION OF CLASS 'A' & CLASS 'B' - SUPERVISED. REFER TO ELECTRICAL DETAILS.
- O. ENSURE ALL EXIT SIGNS ARE INSTALLED TO ALLOW VIEWING ANGLES AND AVOID BLOCKAGE FROM STRUCTURAL / MECHANICAL AND STORE SIGNAGE.
- P. WHERE COMBINATION FIRE & SMOKE DAMPERS ARE INSTALLED AND COULD OBSTRUCT ALL AIRFLOW FOR A PARTICULAR HVAC UNIT, THE HVAC UNIT NEEDS TO BE SHUT DOWN AUTOMATICALLY WHEN THE FIRE & SMOKE DAMPER CLOSES. COORDINATE WITH MECHANICAL SUB-CONTRACTOR WHERE THIS IS APPLICABLE AND PROVIDE NECESSARY COMPONENTS TO ENSURE THESE HVAC UNITS SHUT DOWN AS INTENDED.
- Q. ALL FIRE ALARM SMOKE DETECTORS INSTALLED IN A CONCEALED SPACE MUST HAVE AN LED INDICATOR LIGHT INSTALLED (WITH THE DEVICE LOCATION IDENTIFIED) IN A READILY VISIBLE LOCATION THAT INDICATES DETECTOR ACTIVATION.

DRAWING KEY NOTES:

- 1. FIRE ALARM SMOKE DETECTOR FOR ELEVATOR EMERGENCY RECALL OPERATION. REFER TO DETAIL AND FIRE ALARMS SEQUENCE OF OPERATIONS MATRIX.
- 2. ALL LIGHTING FIXTURES IN ELEVATOR LOBBY ARE TO REMAIN ON AT ALL TIMES TO MEET CONSTANT ILLUMINATION LEVELS IN ACCORDANCE WITH AEDARSA REQUIREMENTS.

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COORDINATION

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1	30% Review	2026-04-30

PROJECT MANAGER	DRAWN
K.V	T.K/G.T
PROJECT LEAD	CHECKED
J.P/G.U	J.P/G.U/K.V

BLACK BEAR
CROSSING - BLACK
BIRCH HEIGHTS

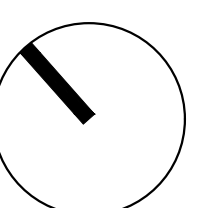
BLACK BEAR CROSSING SW, TSUU
T'INA NATION 145 AB

PROJECT # 25141.1
CITY FILE #

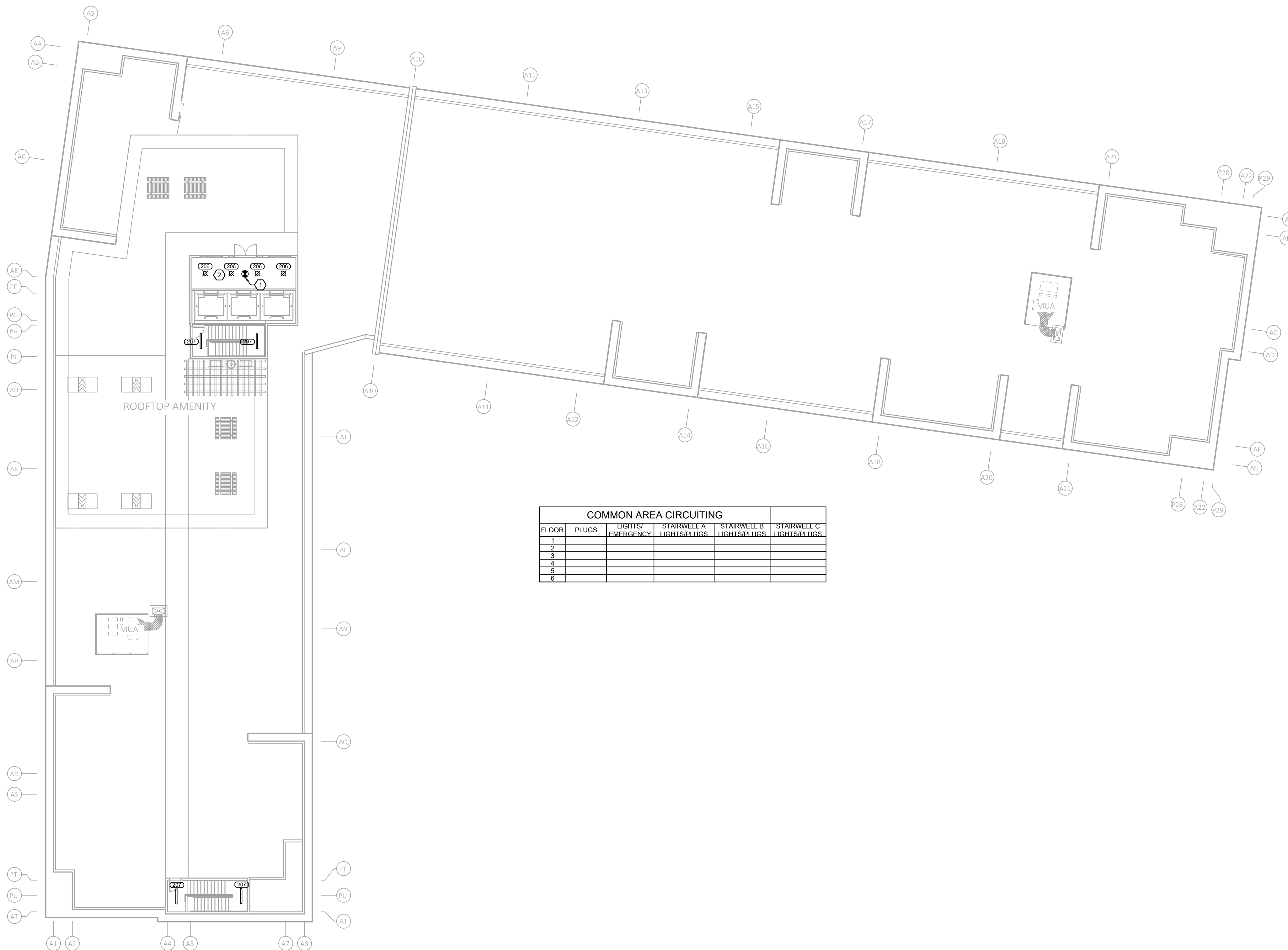


BUILDING A - LEVEL 6
FLOOR PLAN
ELECTRICAL LAYOUT

SCALE



E30-01-06



COMMON AREA CIRCUITING					
FLOOR	PLUGS	LIGHTS/ EMERGENCY	STAIRWELL A LIGHTS/PLUGS	STAIRWELL B LIGHTS/PLUGS	STAIRWELL C LIGHTS/PLUGS
1					
2					
3					
4					
5					
6					

1
E30-01-07
BUILDING A - ROOF LEVEL FLOOR PLAN
ELECTRICAL LAYOUT
SCALE: 1/16" = 1'-0"

GENERAL LIGHTING NOTES:

- A. PROVIDE AND INSTALL CONDUCTORS TO COMPLY WITH THE CANADIAN ELECTRICAL CODE RULE 8-102 (VOLTAGE DROP).
- B. THIS ELECTRICAL SUB-CONTRACTOR MUST NOT INSTALL RECESSED LIGHTING INTO A RATED CEILING MEMBRANE UNLESS THE RECESSED LIGHT IS EQUIPPED WITH A FIRE RATED SYSTEM MEANT TO BE INSTALLED IN A RATED CEILING. CONTRACTOR TO CONFIRM LIGHT SPECIFICATIONS AND WHERE LIGHTS ARE TO BE INSTALLED PRIOR TO SUBMISSION OF LIGHTING SHOP DRAWINGS AND ORDERING OF LIGHTS.
- C. ALL CORRIDOR LIGHTING IS TO BE CONTROLLED BY WAY OF LIGHT AIR ENABLED OCCUPANCY SENSORS. ALL OCCUPANCY SENSORS ON EACH FLOOR ARE TO BE INTERCONNECTED SO ALL LIGHTS IN CORRIDOR ARE TO ACTIVATE WHEN ANY OCCUPANCY SENSOR ON THAT FLOOR IS TRIGGERED. WHEN THE CORRIDOR IS UNOCCUPIED, ALL CORRIDOR LIGHTING IS TO BE DIMMED TO 25%.
- D. STAIRWELL LIGHTING IS TO BE CONTROLLED BY WAY OF LIGHT AIR WIRELESS LIGHTING CONTROL SYSTEM. ALL STAIRWELL FIXTURES ARE TO COME COMPLETE WITH INTEGRAL OCCUPANCY SENSOR AND LIGHT AIR COMPATIBILITY. FIXTURES ARE TO BE PROGRAMMED USING LIGHT AIR MOBILE APP TO TURN ON WHEN ANY OF THE FIXTURES IN THE STAIRWELL DETECT OCCUPANCY. STAIRWELL FIXTURES WILL DIM TO 10% AUTOMATICALLY WHEN NO OCCUPANCY IS DETECTED. REFER TO LIGHTING SCHEDULE FOR EXACT FIXTURE SPECIFICATIONS.

GENERAL POWER NOTES:

- A. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT.
- B. PROVIDE AND INSTALL CONDUCTORS TO COMPLY WITH THE CANADIAN ELECTRICAL CODE RULE 8-102 (VOLTAGE DROP).
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- D. PROVIDE FIRE STOPPING ON ALL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS.
- E. ALL EXHAUST FANS SHALL BE SUPPLIED AND INSTALLED BY THE MECHANICAL CONTRACTOR. POWER WIRING TO FANS SHALL BE SUPPLIED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
- F. DO NOT INSTALL OUTLETS BACK TO BACK IN WALLS. ALLOW MINIMUM 6" HORIZONTAL CLEARANCE BETWEEN BOXES.
- G. PROVIDE DEDICATED CIRCUIT FOR POWER TO LIGHT FIXTURE AND GFI RECEPTACLE IN ELEVATOR PIT AND AT TOP OF ELEVATOR HOISTWAY. COORDINATE EXACT LOCATIONS WITH ELEVATOR MANUFACTURER ON SITE AS PER THEIR REQUIREMENTS.

GENERAL LIFE SAFETY NOTES:

- A. CONFIRM ALL LOCATIONS OF SPRINKLER FLOW AND TAMPER SWITCHES WITH SPRINKLER CONTRACTOR. WIRE ALL SPRINKLER FLOW AND TAMPER SWITCHES AS REQUIRED. ALL SPRINKLER ZONES ARE TO BE ANNUNCIATED ON THE FIRE ALARM PANEL.
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- E. ALL CEILING MOUNTED EXITS ARE TO BE MOUNTED 10'-0" A.F.F. USING 27mmC EXCEPT WHERE INSTALLED ON DROPPED CEILINGS.
- F. FIRE ALARM SYSTEM AND ALL FIRE ALARM DEVICES SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL BUILDING CODE - ALBERTA EDITION.
- G. THE ELECTRICAL SUB-CONTRACTOR SHALL INSTALL THE FIRE ALARM SYSTEM AS PER ULC STANDARD S524 AS REFERENCED IN THE LATEST EDITION OF THE NATIONAL BUILDING CODE - ALBERTA EDITION.
- H. AS PART OF THE FIRE ALARM VERIFICATION THE ELECTRICAL SUB-CONTRACTOR SHALL COMPLY WITH THE ULC-S537 AS REFERENCED IN THE LATEST EDITION OF THE NATIONAL BUILDING CODE - ALBERTA EDITION.
- I. SIGNAL FROM MAIN FIRE ALARM PANEL TO FIRE DEPARTMENT MUST CONFORM WITH CANULC-5561 AS REFERENCED IN THE LATEST EDITION OF THE NATIONAL BUILDING CODE - ALBERTA EDITION.
- J. ALL AUDIBLE DEVICES ARE TO BE COMPLETE WITH VISUALS. AUDIBLE DEVICES ARE TO BE COMPLETE WITH TEMPORAL SOUND PATTERN.
- K. PROVIDE A FIRE HORN IN EACH BEDROOM AND A FIRE STROBE IN EACH LIVING ROOM OF EACH SUITE. MAIN FIRE ALARM PANEL IS TO BE CAPABLE OF SILENCING SUITE HORNS WITH THE RESTRICTIONS OUTLINED IN THE NATIONAL BUILDING CODE - ALBERTA EDITION ARTICLE 9.2.4.19 (11).
- L. EACH SUITE SHALL BE EQUIPPED WITH AN OPERATING SMOKE ALARM.
- M. THE FIRE ALARM SYSTEM SHALL BE A SINGLE STAGE ADDRESSABLE SYSTEM.
- N. ALL FIRE ALARM SYSTEM SIGNALLING CIRCUIT WIRING SHALL BE A COMBINATION OF CLASS 'A' & CLASS 'B' - SUPERVISED. REFER TO ELECTRICAL DETAILS.
- O. ENSURE ALL EXIT SIGNS ARE INSTALLED TO ALLOW VIEWING ANGLES AND AVOID BLOCKAGE FROM STRUCTURAL / MECHANICAL AND STORE SIGNAGE.
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DRAWING KEY NOTES:

- 1. FIRE ALARM SMOKE DETECTOR FOR ELEVATOR EMERGENCY RECALL OPERATION. REFER TO DETAIL AND FIRE ALARMS SEQUENCE OF OPERATIONS MATRIX.
- 2. ALL LIGHTING FIXTURES IN ELEVATOR LOBBY ARE TO REMAIN ON AT ALL TIMES TO MEET CONSTANT ILLUMINATION LEVELS IN ACCORDANCE WITH AEDARSA REQUIREMENTS.

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1	30% Review	2026-04-30

PROJECT MANAGER	DRAWN
K.V	T.K/G.T
PROJECT LEAD	CHECKED
J.P/G.U	J.P/G.U/K.V

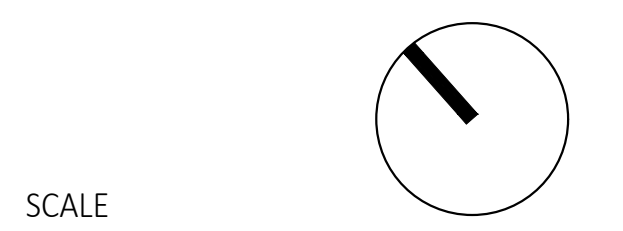
BLACK BEAR
CROSSING - BLACK
BIRCH HEIGHTS

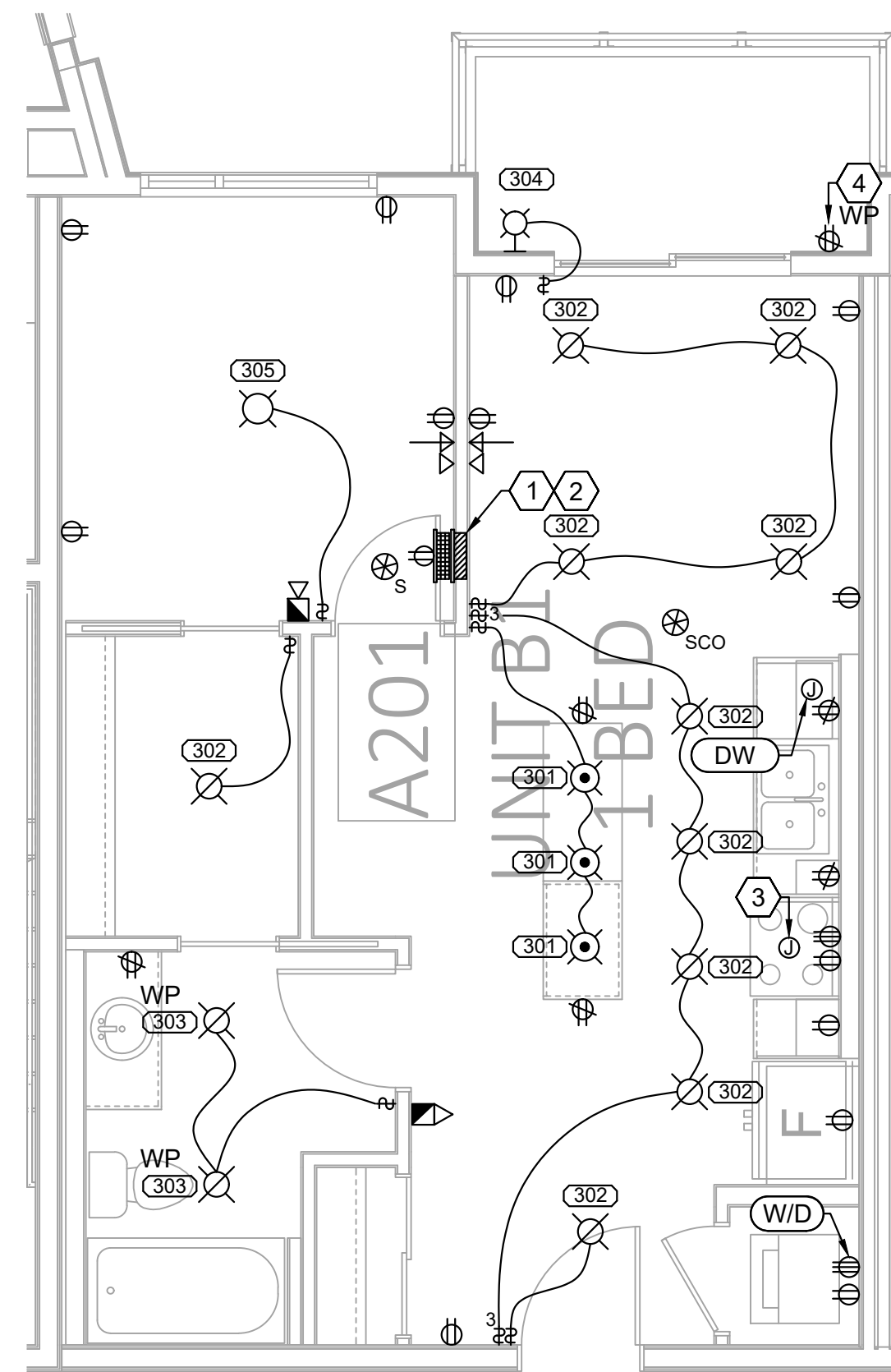
BLACK BEAR CROSSING SW, TSUU
T'INA NATION 145 AB

PROJECT # 25141.1
CITY FILE #

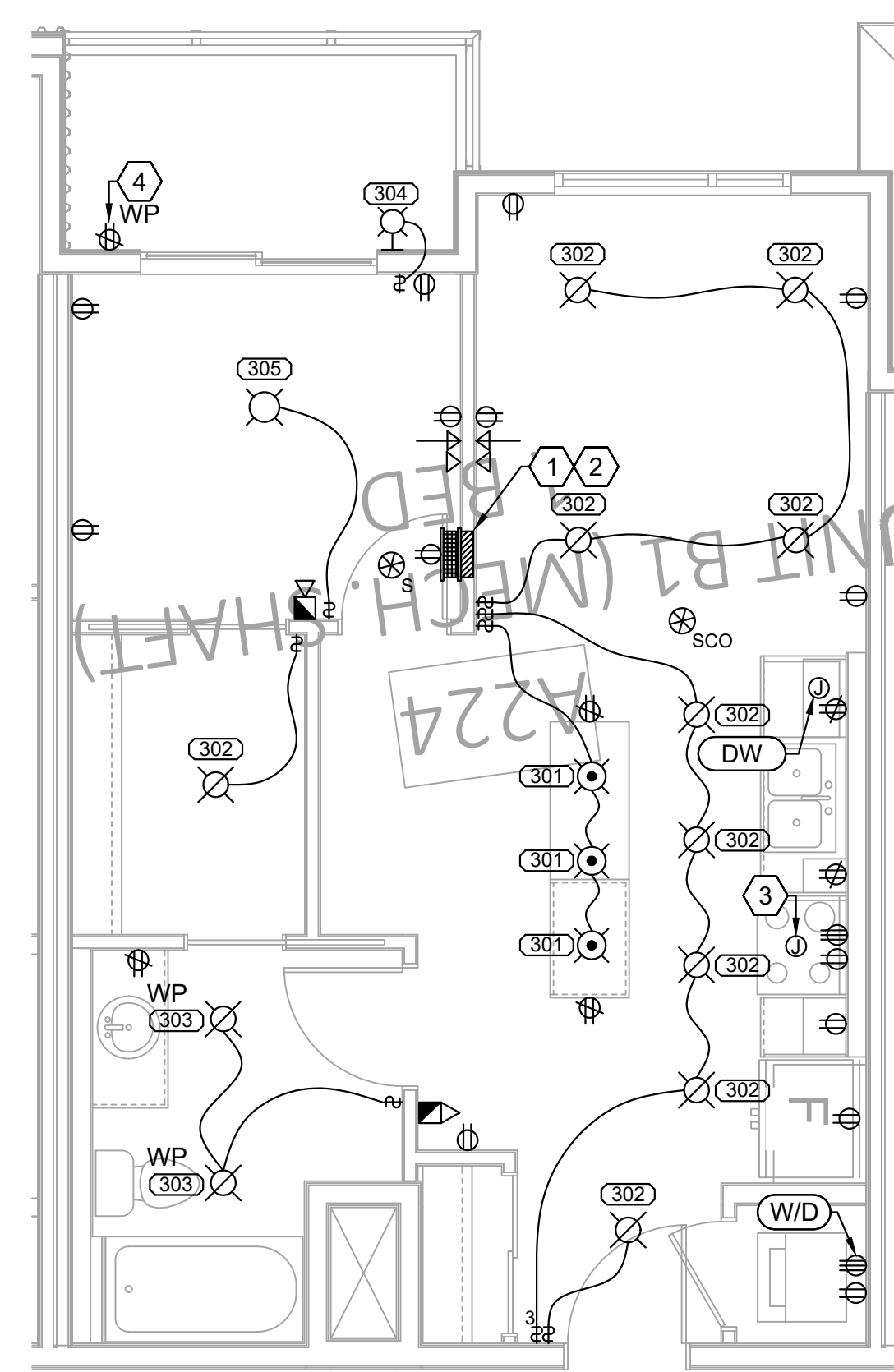


BUILDING A - ROOF
FLOOR PLAN
ELECTRICAL LAYOUT





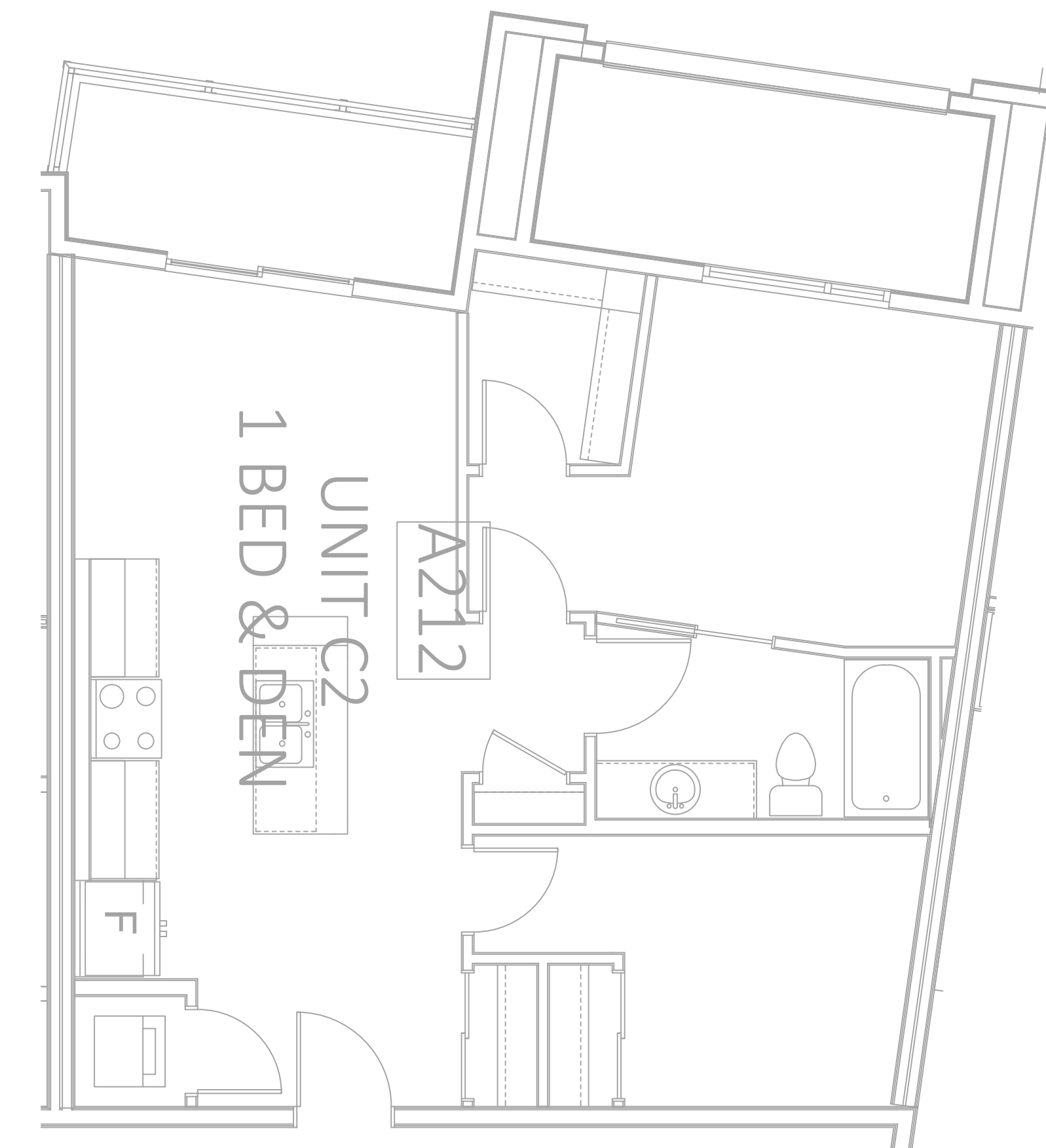
1
UNIT B1
ELECTRICAL LAYOUT
SCALE: 1/4" = 1'-0"



2
UNIT B1 - MECH SHAFT
ELECTRICAL LAYOUT
SCALE: 1/4" = 1'-0"



3
UNIT C1
ELECTRICAL LAYOUT
SCALE: 1/4" = 1'-0"



4
UNIT C2
ELECTRICAL LAYOUT
SCALE: 1/4" = 1'-0"

ISSUED FOR
COORDINATION

NO. ISSUE/REVISION DATE
1 30% Review 2026-04-30

PROJECT MANAGER DRAWN
K.V T.K/G.T
PROJECT LEAD CHECKED
J.P/G.U J.P/G.U/K.V

BLACK BEAR
CROSSING - BLACK
BIRCH HEIGHTS

BLACK BEAR CROSSING SW, TSUU
T'INA NATION 145 AB

PROJECT # 25141.1
CITY FILE #



UNIT PLANS
ELECTRICAL LAYOUT

CONDO SUITE ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
	DUPLEX RECEPTACLE (120VAC)
	GFI DUPLEX RECEPTACLE (120VAC)
	WEATHERPROOF EXTERIOR GFI DUPLEX RECEPTACLE (120VAC)
	COMBINATION USB CHARGING & SINGLE RECEPTACLE (120VAC)
	HALF-SWITCHED DUPLEX RECEPTACLE (120VAC)
	SINGLE PHASE SINGLE RECEPTACLE (240VAC)
	JUNCTION BOX WALL & CEILING MOUNT
	WALL MOUNTED DATA OUTLET
	WALL MOUNTED CATV OUTLET
	SWITCH
	THREE WAY SWITCH
	DIMMER SWITCH
	THERMOSTAT
	FIRE ALARM STROBE
	FIRE ALARM HORN
	SUITE INTERCONNECTED CEILING MOUNTED SMOKE ALARM (120VAC)
	SUITE INTERCONNECTED CEILING MOUNTED SMOKE ALARM & CO ALARM (120VAC)
	MOTOR CONNECTION
	MOTOR CONNECTION W/ COMBINATION FUSED DISCONNECT AND/OR MAGNETIC MOTOR STARTER
	SUITE PANEL
	COMMUNICATIONS PANEL

CONDO LIGHTING LEGEND	
SYMBOL	DESCRIPTION
	CEILING MOUNTED LIGHT
	WALL MOUNTED LIGHT
	PENDANT MOUNT LIGHT
	WAFER LIGHT

RESIDENTIAL LIGHTING SCHEDULE - 120VAC	
TYPE	DESCRIPTION
(301)	KITCHEN PENDANT LIGHT
(302)	WAFER LIGHT
(303)	BATHROOM CEILING LIGHT
(304)	EXTERIOR PATIO / BALCONY LIGHT
(305)	BEDROOM LIGHT

THE ELECTRICAL SUB-CONTRACTOR SHALL CONFIRM SPECIFICATIONS OF ALL SUITE LIGHT FIXTURES WITH OWNER AND INTERIOR DESIGNER

TYPICAL SUITE PANEL		LOCATION: REFER TO ELECTRICAL EQUIPMENT SCHEDULE	
208 VAC		125 AMP BUSSING	
1 φ PHASE		3 WIRE	
DESCRIPTION	WATTS	BRK AMPS	CIR #
OVEN	3000	40	1
DRYER	2500	30	5
WASHER (ARC FAULT)	2500	2P	7
FRIDGE	700	15	9
KITCHEN RECEPTACLES (GFI)	1800	20	13
KITCHEN RECEPTACLES (GFI)	1800	20	15
KITCHEN RECEPTACLES (GFI)	1800	20	17
KITCHEN & LIVING ROOM LIGHTING	700	15	19
MISCELLANEOUS LIGHTING	700	15	21
			23
			24
			25
			26
			27
			28
			29
			30
			31
			32
A TOTAL:	14500		
B TOTAL:	12100		
PANEL TOTAL:	26600		

PANEL SCHEDULE SHOWN FOR REFERENCE ONLY. ALL BREAKERS / CONDUCTORS TO BE INSTALLED PER LATEST EDITION OF C.E.C.
**APPLICABLE FOR SPECIFIC SUITES ONLY. REFER TO FLOOR PLANS FOR EXACT LOCATIONS.

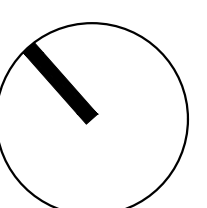
CONDO SUITE DRAWING KEY NOTES: (#)

- LOCATION OF SUITE ELECTRICAL PANEL. PANELBOARD REQUIRES EXCLUSIVE DEDICATED WORKING SPACE AS PER THE CANADIAN ELECTRICAL CODE. REFER TO DETAIL '2/E60-A-02' FOR EXACT CLEARANCE REQUIREMENTS.
- LOCATION OF TELUS SUPPLIED OPTICAL NETWORK TERMINAL & CATV OUTLET BOX. ALLOW FOR RECEPTACLE WITH-IN RECESSED COMMUNICATIONS PANEL AT THIS LOCATION. BOTH ARE TO BE INSTALLED BY ELECTRICAL SUB-CONTRACTOR.
- PROVIDE POWER FOR RANGE HOOD.
- ALL EXTERIOR PATIO RECEPTACLES MUST BE LOCATED AT LEAST 0.3m AWAY FROM GAS LINES. CONFIRM EXACT LOCATION OF GAS LINES WITH MECHANICAL SUB-CONTRACTOR PRIOR TO ROUGH-IN.

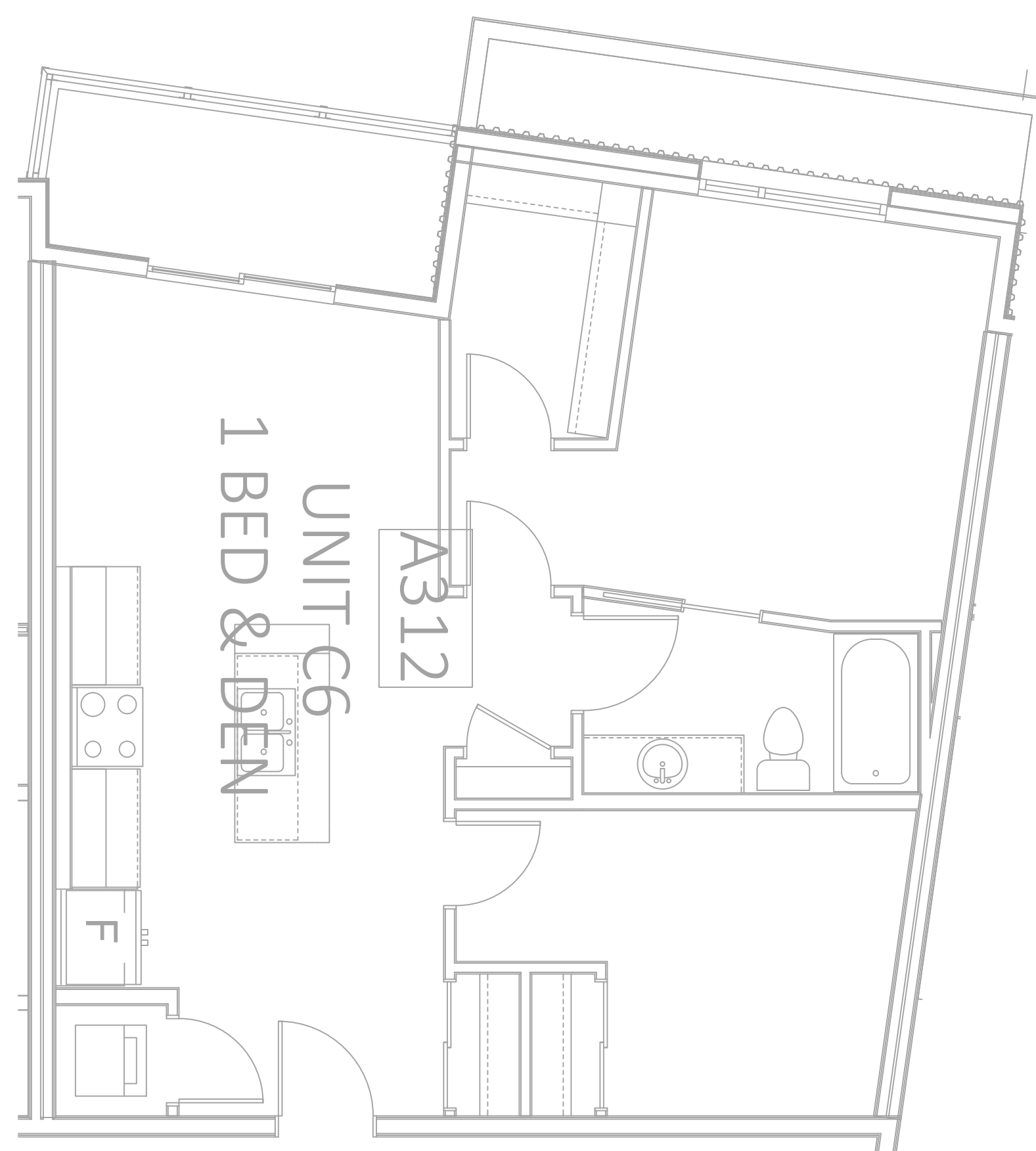
GENERAL CONDO SUITE NOTES:

- REFER TO THE FLOOR PLANS FOR SUITE COUNTS AND LAYOUTS.
- REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT, INCLUDING ENERGY RECOVERY VENTILATORS (ERV's), AND ELECTRIC DUCT HEATERS (EDH's), AND WASHROOM EXHAUST FANS (EP's), IF APPLICABLE.
- ALL SMOKE ALARMS WITHIN EACH SUITE SHALL BE INTERCONNECTED.
- ALL SMOKE ALARMS TO BE CONNECTED TO A LIGHTING CIRCUIT.
- ALL SMOKE ALARMS MUST HAVE A MANUALLY OPERATED SILENCING DEVICE.
- ALL SMOKE ALARMS MUST HAVE A TEMPORAL SOUND PATTERN.
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- ALL 15A AND 20A RECEPTACLES SHALL BE TAMPER-RESISTANT AND SHALL BE MARKED AS SO, AS PER CEC 26-706(1) EXCEPT FOR RECEPTACLES UNDER ITEM 26-706(2).
- ALL RECEPTACLES LOCATED IN KITCHEN ARE TO BE RATED FOR 20 AMPS AND PROTECTED BY A GROUND FAULT CIRCUIT INTERRUPTER IF LOCATED WITHIN 1.5M OF SINKS. FEEDERS TO EACH OF THE RECEPTACLES ARE TO BE #12 AWG AS PER THE LATEST EDITION OF THE CANADIAN ELECTRICAL CODE. NMD90 WIRING SHALL BE YELLOW FOR IDENTIFICATION PURPOSES.
- IF SPACE ALLOWS, ENSURE A RECEPTACLE IS PROVIDED IN EACH LAUNDRY / UTILITY ROOM IN ADDITION TO THE RECEPTACLE ALREADY ALLOWED FOR THE WASHING MACHINE AS PER ITEM 26-720(e) OF THE CANADIAN ELECTRICAL CODE.
- ALL HEATERS WITH-IN WASHROOM MUST BE PROTECTED BY A GROUND FAULT CIRCUIT INTERRUPTER.

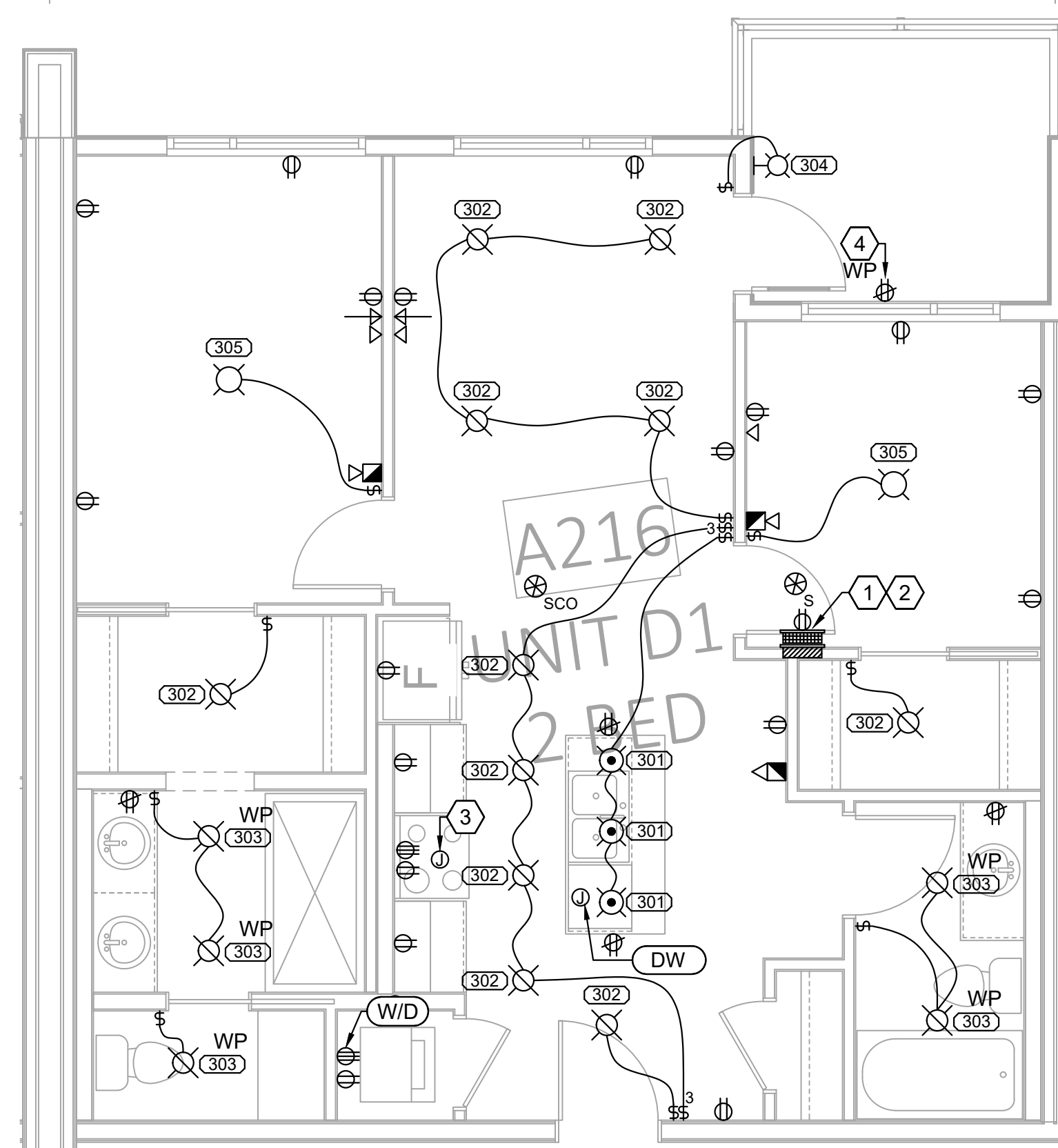
SCALE



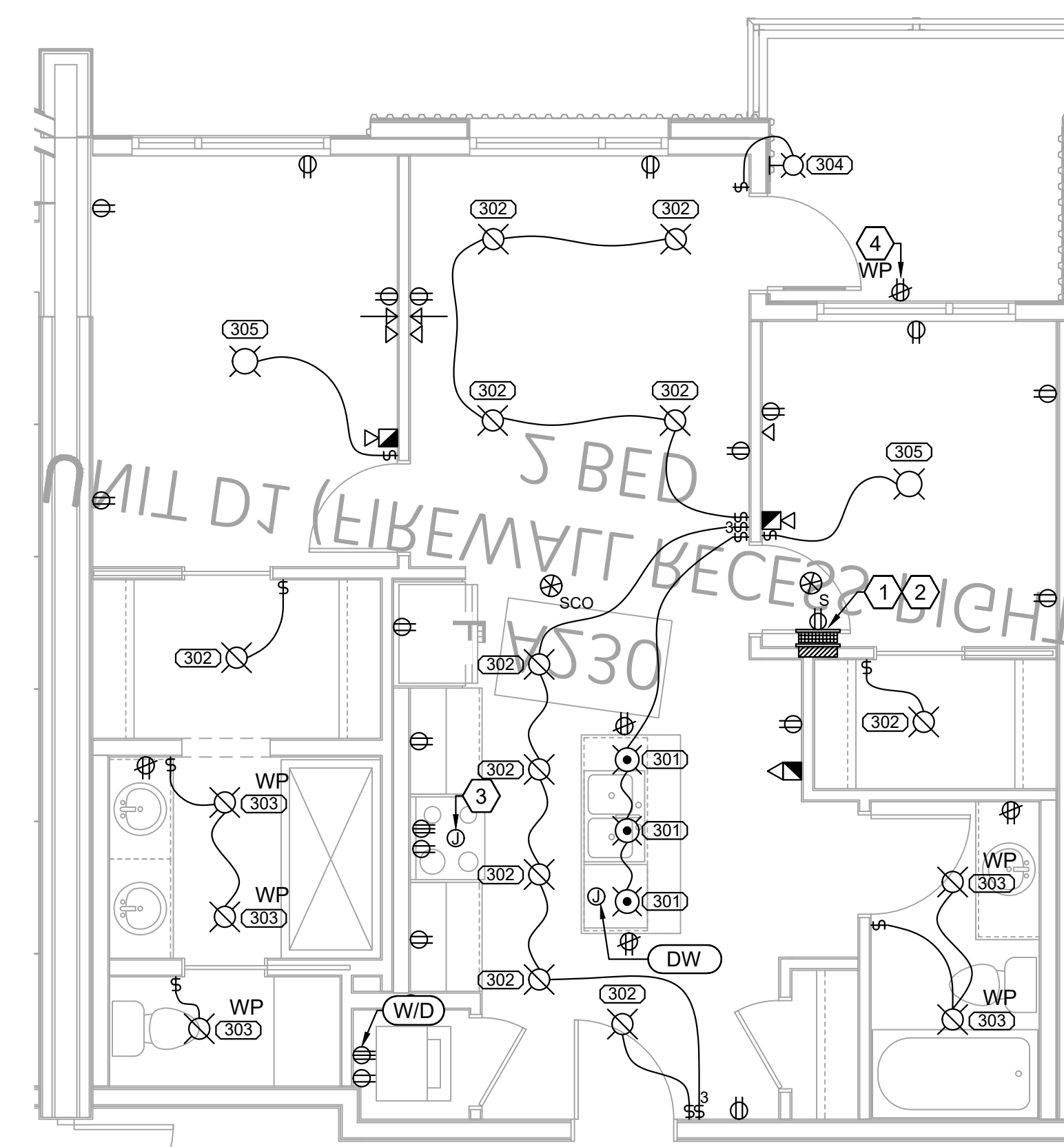
E40-01-01



1
UNIT C6
ELECTRICAL LAYOUT
SCALE: 1/4" = 1'-0"



2
UNIT D1
ELECTRICAL LAYOUT
SCALE: 1/4" = 1'-0"



3
UNIT D1 - FIREWALL
ELECTRICAL LAYOUT
SCALE: 1/4" = 1'-0"

ISSUED FOR
COORDINATION

NO. ISSUE/REVISION DATE
1 30% Review 2026-04-30

PROJECT MANAGER DRAWN
K.V T.K/G.T
PROJECT LEAD CHECKED
J.P/G.U J.P/G.U/K.V

BLACK BEAR
CROSSING - BLACK
BIRCH HEIGHTS

BLACK BEAR CROSSING SW, TSUU
T'INA NATION 145 AB

PROJECT # 25141.1
CITY FILE #



UNIT PLANS
ELECTRICAL LAYOUT

CONDO SUITE ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
	DUPLEX RECEPTACLE (120VAC)
	GFI DUPLEX RECEPTACLE (120VAC)
	WEATHERPROOF EXTERIOR GFI DUPLEX RECEPTACLE (120VAC)
	COMBINATION USB CHARGING & SINGLE RECEPTACLE (120VAC)
	HALF-SWITCHED DUPLEX RECEPTACLE (120VAC)
	SINGLE PHASE SINGLE RECEPTACLE (240VAC)
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	WALL MOUNTED CATV OUTLET
	SWITCH
	THREE WAY SWITCH
	DIMMER SWITCH
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	FIRE ALARM STROBE
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	MOTOR CONNECTION
	MOTOR CONNECTION W/ COMBINATION FUSED DISCONNECT AND/OR MAGNETIC MOTOR STARTER
	SUITE PANEL
	COMMUNICATIONS PANEL

CONDO LIGHTING LEGEND	
SYMBOL	DESCRIPTION
	CEILING MOUNTED LIGHT
	WALL MOUNTED LIGHT
	PENDANT MOUNT LIGHT
	WAFER LIGHT

RESIDENTIAL LIGHTING SCHEDULE - 120VAC	
TYPE	DESCRIPTION
(301)	KITCHEN PENDANT LIGHT
(302)	WAFER LIGHT
(303)	BATHROOM CEILING LIGHT
(304)	EXTERIOR PATIO / BALCONY LIGHT
(305)	BEDROOM LIGHT

THE ELECTRICAL SUB-CONTRACTOR SHALL CONFIRM SPECIFICATIONS OF ALL SUITE LIGHT FIXTURES WITH OWNER AND INTERIOR DESIGNER

TYPICAL SUITE PANEL		LOCATION: REFER TO ELECTRICAL EQUIPMENT SCHEDULE	
208 VAC		125 AMP BUSSING	
1 φ PHASE		3 WIRE	
DESCRIPTION	WATTS	BRK AMPS	CIR #
OVEN	3000	40	1
DRYER	2500	30	5
WASHER (ARC FAULT)	700	15	9
FRIDGE	700	15	11
KITCHEN RECEPTACLES (GFI)	1800	20	13
KITCHEN RECEPTACLES (GFI)	1800	20	15
KITCHEN RECEPTACLES (GFI)	1800	20	17
KITCHEN & LIVING ROOM LIGHTING	700	15	19
MISCELLANEOUS LIGHTING	700	15	21
			23
			24
			25
			26
			27
			28
			29
			30
			31
			32
A TOTAL:	14500		
B TOTAL:	12100		
PANEL TOTAL:	26600		

PANEL SCHEDULE SHOWN FOR REFERENCE ONLY. ALL BREAKERS / CONDUCTORS TO BE INSTALLED PER LATEST EDITION OF C.E.C.
**APPLICABLE FOR SPECIFIC SUITES ONLY. REFER TO FLOOR PLANS FOR EXACT LOCATIONS.

CONDO SUITE DRAWING KEY NOTES: (#)

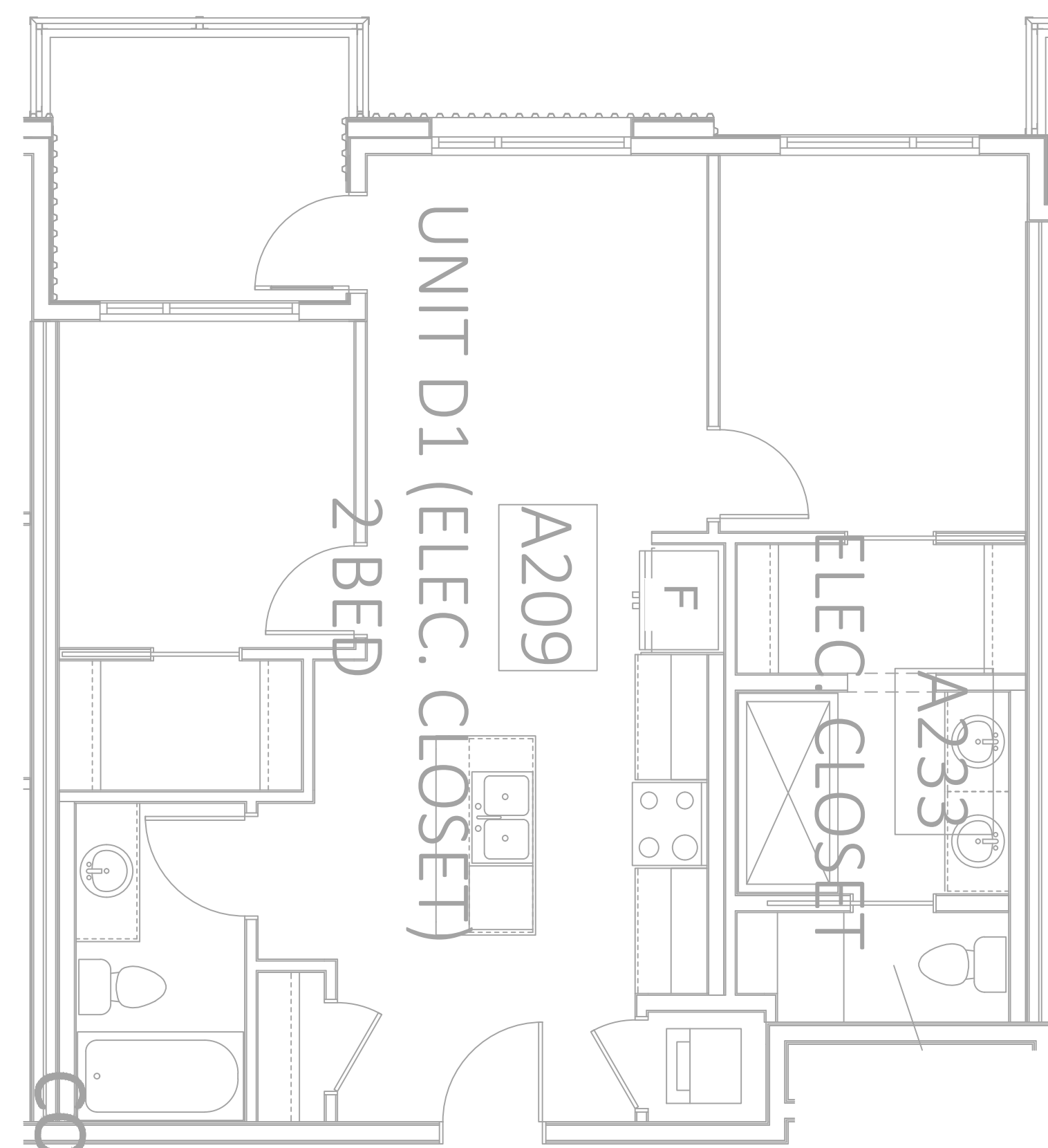
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GENERAL CONDO SUITE NOTES:

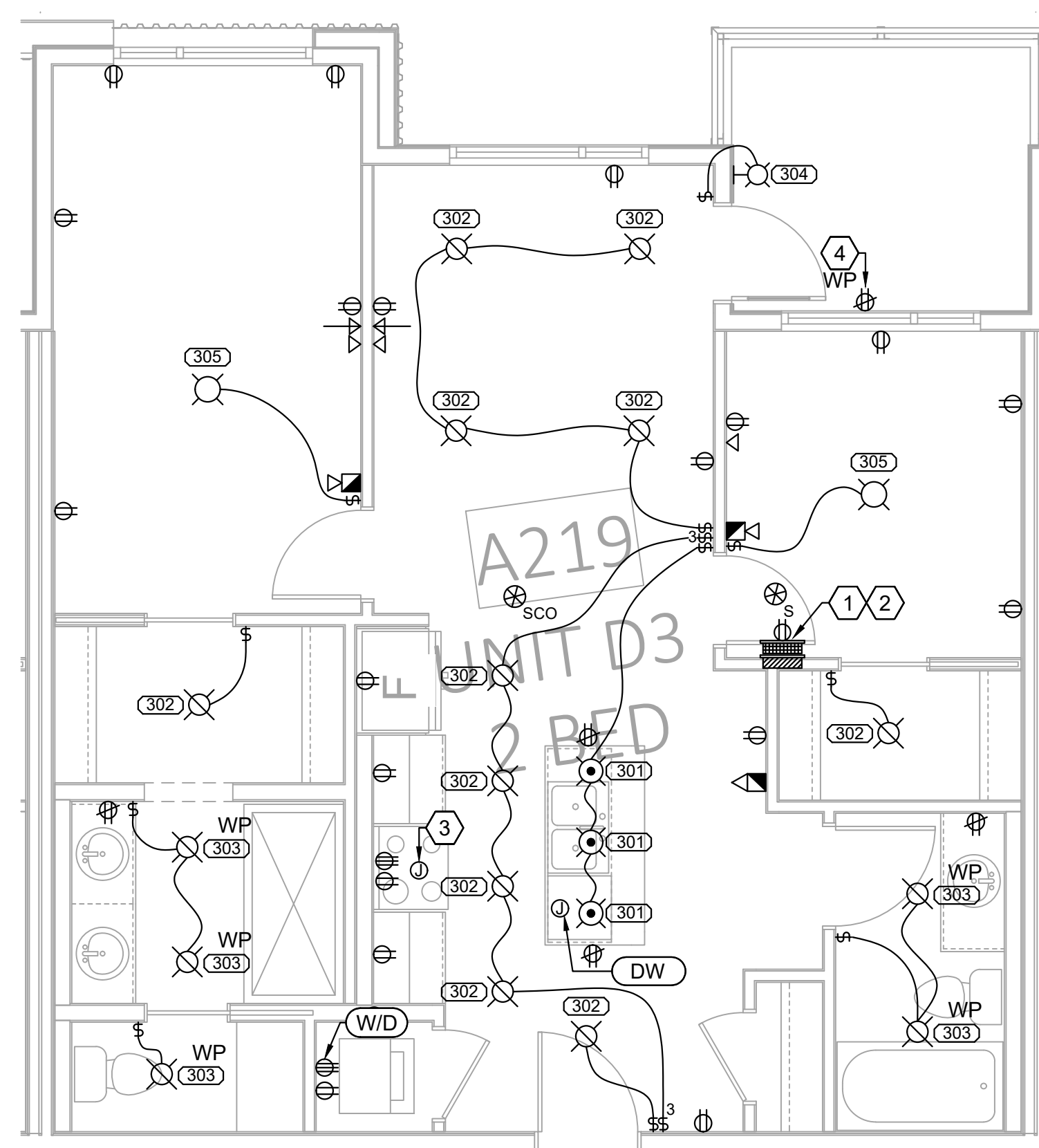
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- ALL HEATERS WITH-IN WASHROOM MUST BE PROTECTED BY A GROUND FAULT CIRCUIT INTERRUPTER.

SCALE

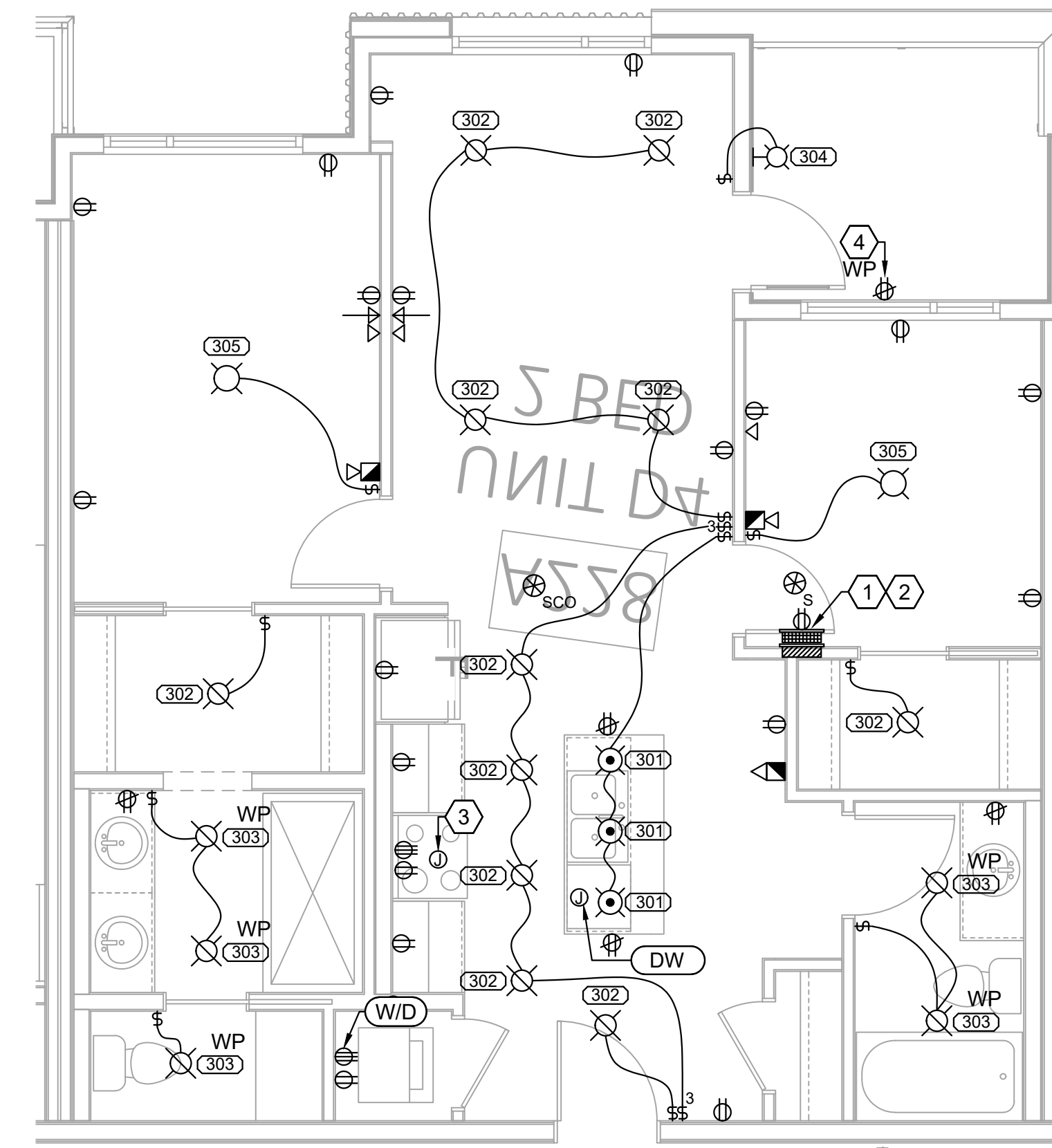
E40-01-02



1
E40-01-03
UNIT D1 - ELECTRICAL CLOSET
ELECTRICAL LAYOUT
SCALE: 1/4" = 1'-0"



2
E40-01-03
UNIT D3
ELECTRICAL LAYOUT
SCALE: 1/4" = 1'-0"



3
E40-01-03
UNIT D4
ELECTRICAL LAYOUT
SCALE: 1/4" = 1'-0"

ISSUED FOR COORDINATION

NO. ISSUE/REVISION	DATE
1 30% Review	2026-04-30

PROJECT MANAGER	DRAWN
K.V	T.K/G.T
PROJECT LEAD	CHECKED
J.P/G.U	J.P/G.U/K.V

BLACK BEAR CROSSING - BLACK BIRCH HEIGHTS

BLACK BEAR CROSSING SW, TSUU T'INA NATION 145 AB

PROJECT # 25141.1
CITY FILE #



UNIT PLANS ELECTRICAL LAYOUT

CONDO SUITE ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
	DUPLEX RECEPTACLE (120VAC)
	GFI DUPLEX RECEPTACLE (120VAC)
	WEATHERPROOF EXTERIOR GFI DUPLEX RECEPTACLE (120VAC)
	COMBINATION USB CHARGING & SINGLE RECEPTACLE (120VAC)
	HALF-SWITCHED DUPLEX RECEPTACLE (120VAC)
	SINGLE PHASE SINGLE RECEPTACLE (240VAC)
	JUNCTION BOX WALL & CEILING MOUNT
	WALL MOUNTED DATA OUTLET
	WALL MOUNTED CATV OUTLET
	SWITCH
	THREE WAY SWITCH
	DIMMER SWITCH
	THERMOSTAT
	FIRE ALARM STROBE
	FIRE ALARM HORN
	SUITE INTERCONNECTED CEILING MOUNTED SMOKE ALARM (120VAC)
	SUITE INTERCONNECTED CEILING MOUNTED SMOKE ALARM & CO ALARM (120VAC)
	MOTOR CONNECTION
	MOTOR CONNECTION W/ COMBINATION FUSED DISCONNECT AND/OR MAGNETIC MOTOR STARTER
	SUITE PANEL
	COMMUNICATIONS PANEL

CONDO LIGHTING LEGEND	
SYMBOL	DESCRIPTION
	CEILING MOUNTED LIGHT
	WALL MOUNTED LIGHT
	PENDANT MOUNT LIGHT
	WAFER LIGHT

RESIDENTIAL LIGHTING SCHEDULE - 120VAC	
TYPE	DESCRIPTION
(301)	KITCHEN PENDANT LIGHT
(302)	WAFER LIGHT
(303)	BATHROOM CEILING LIGHT
(304)	EXTERIOR PATIO / BALCONY LIGHT
(305)	BEDROOM LIGHT

THE ELECTRICAL SUB-CONTRACTOR SHALL CONFIRM SPECIFICATIONS OF ALL SUITE LIGHT FIXTURES WITH OWNER AND INTERIOR DESIGNER

TYPICAL SUITE PANEL											
208 VAC		125 AMP BUSSING				LOCATION: REFER TO ELECTRICAL EQUIPMENT SCHEDULE					
1 φ PHASE		3 WIRE				FEEDER: REFER TO ELECTRICAL EQUIPMENT SCHEDULE					
DESCRIPTION	WATTS	BRK AMPS	CIR #	A	B	CIR #	BRK AMPS	WATTS	DESCRIPTION	WATTS	DESCRIPTION
OVEN	3000	40	1	•	2	15	700		BATHROOM RECEPTACLE (GFI)		
DRYER	2500	30	5	•	6	15	700		LIVING & DINING RM POWER (ARC FAULT)		
WASHER (ARC FAULT)	2500	2P	7	•	8	15	700		STORAGE ROOM POWER (ARC FAULT)		
FRIDGE	700	15	11	•	10	15	700		BEDROOM RECEPTACLES (ARC FAULT)		
KITCHEN RECEPTACLES (GFI)	1800	20	13	•	14	15	700		BEDROOM RECEPTACLES (ARC FAULT)		
KITCHEN RECEPTACLES (GFI)	1800	20	15	•	16	15	300		BALCONY POWER (GFI)		
KITCHEN RECEPTACLES (GFI)	1800	20	17	•	18	15	1200		DISHWASHER (ARC FAULT)		
KITCHEN & LIVING ROOM LIGHTING	700	15	19	•	20	15	700		RANGE HOOD		
MISCELLANEOUS LIGHTING	700	15	21	•	22				MICROWAVE (ARC FAULT)		
			23	•	24				BEDROOM LIGHTING		
			25	•	26						
			27	•	28						
			29	•	30						
			31	•	32						
A TOTAL:		14500									
B TOTAL:		12100									
PANEL TOTAL:		26600									REMARKS: 70 AMP

PANEL SCHEDULE SHOWN FOR REFERENCE ONLY. ALL BREAKERS / CONDUCTORS TO BE INSTALLED PER LATEST EDITION OF C.E.C.
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CONDO SUITE DRAWING KEY NOTES: (#)

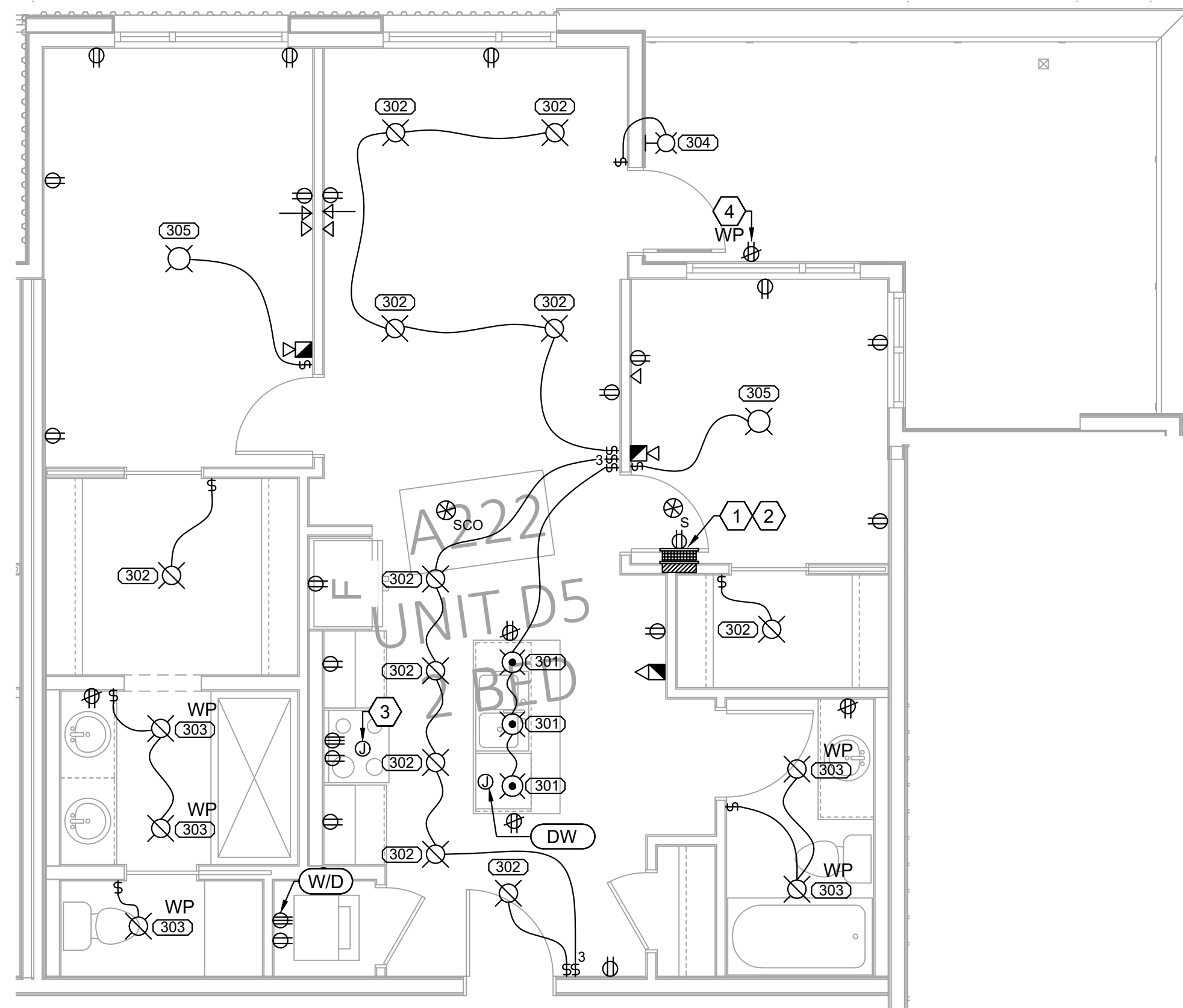
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GENERAL CONDO SUITE NOTES:

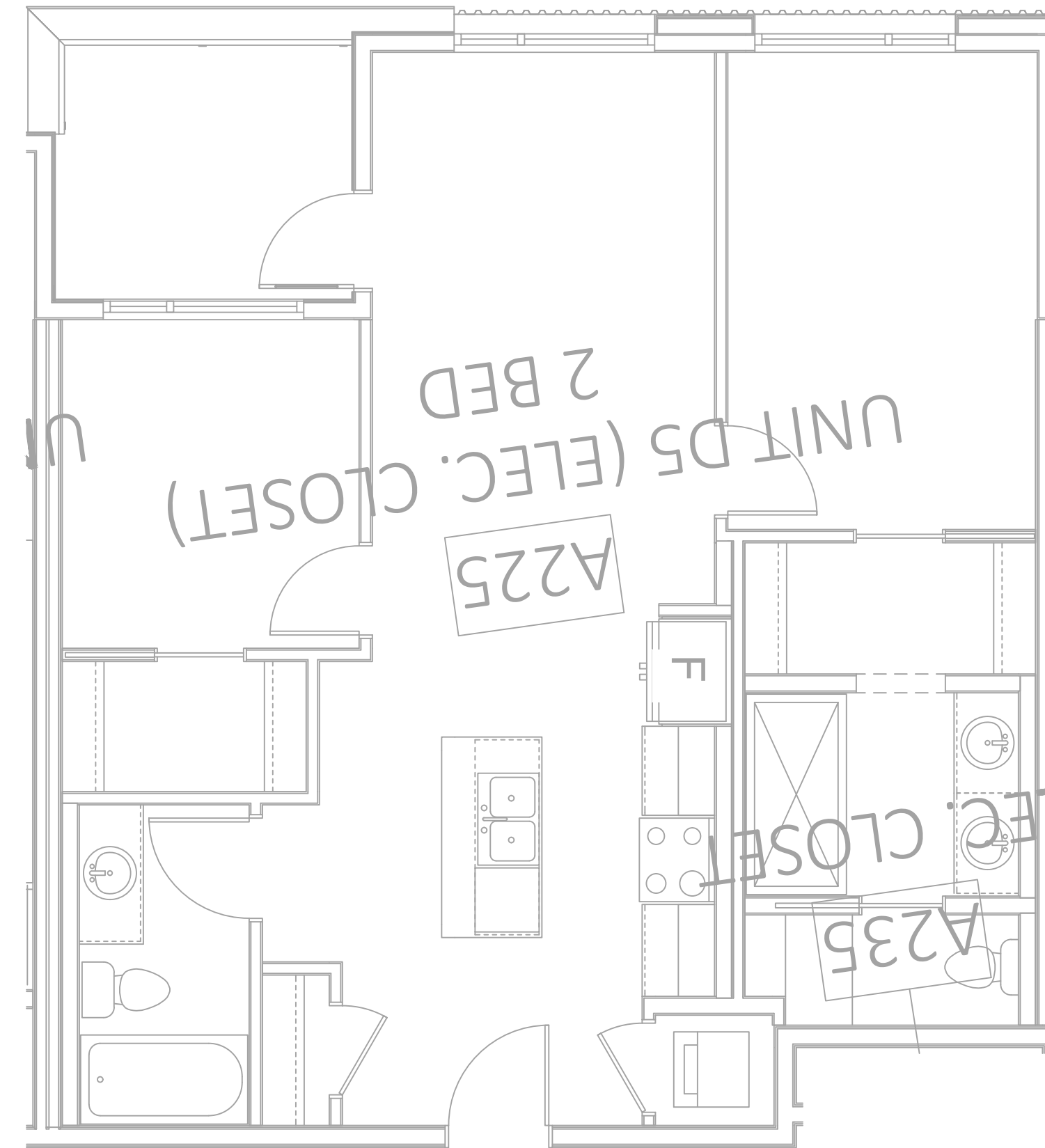
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SCALE

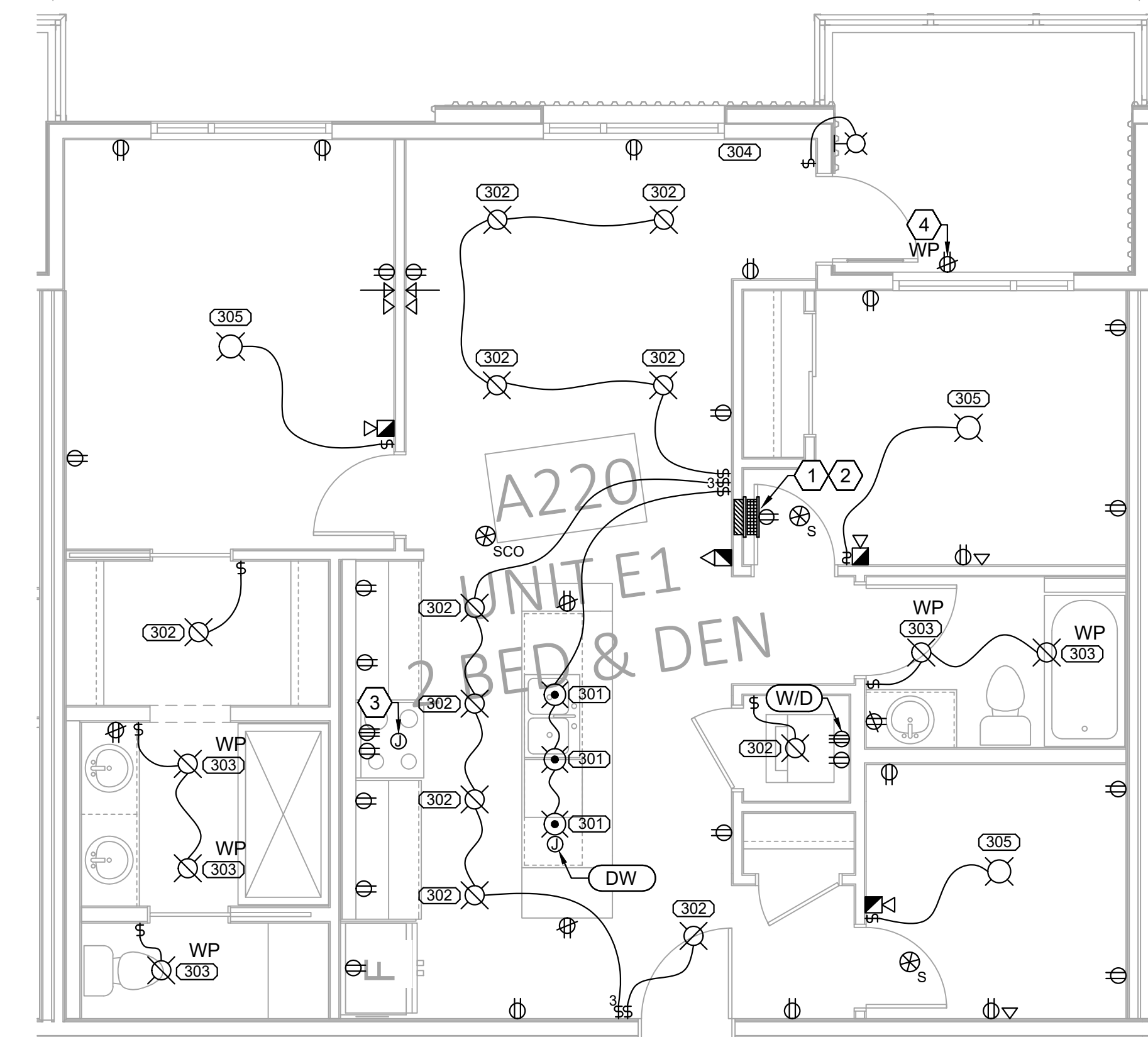
E40-01-03



1
UNIT D5
ELECTRICAL LAYOUT
E40-01-04 SCALE: 1/4" = 1'-0"



2
UNIT D5 - ELECTRICAL CLOSET
ELECTRICAL LAYOUT
E40-01-04 SCALE: 1/4" = 1'-0"



3
UNIT E1
ELECTRICAL LAYOUT
E40-01-04 SCALE: 1/4" = 1'-0"

ISSUED FOR
COORDINATION

NO. ISSUE/REVISION DATE
1 30% Review 2026-04-30

PROJECT MANAGER DRAWN
K.V. T.K./G.T.
PROJECT LEAD CHECKED
J.P./G.U. J.P./G.U./K.V.

BLACK BEAR
CROSSING - BLACK
BIRCH HEIGHTS

BLACK BEAR CROSSING SW, TSUU
T'INA NATION 145 AB

PROJECT # 25141.1
CITY FILE #



UNIT PLANS
ELECTRICAL LAYOUT

CONDO SUITE ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
	DUPLEX RECEPTACLE (120VAC)
	GFI DUPLEX RECEPTACLE (120VAC)
	WEATHERPROOF EXTERIOR GFI DUPLEX RECEPTACLE (120VAC)
	COMBINATION USB CHARGING & SINGLE RECEPTACLE (120VAC)
	HALF-SWITCHED DUPLEX RECEPTACLE (120VAC)
	SINGLE PHASE SINGLE RECEPTACLE (240VAC)
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	DIMMER SWITCH
	THERMOSTAT
	FIRE ALARM STROBE
	FIRE ALARM HORN
	SUITE INTERCONNECTED CEILING MOUNTED SMOKE ALARM (120VAC)
	SUITE INTERCONNECTED CEILING MOUNTED SMOKE ALARM & CO ALARM (120VAC)
	MOTOR CONNECTION
	MOTOR CONNECTION W/ COMBINATION FUSED DISCONNECT AND/OR MAGNETIC MOTOR STARTER
	SUITE PANEL
	COMMUNICATIONS PANEL

CONDO LIGHTING LEGEND	
SYMBOL	DESCRIPTION
	CEILING MOUNTED LIGHT
	WALL MOUNTED LIGHT
	PENDANT MOUNT LIGHT
	WAFER LIGHT

RESIDENTIAL LIGHTING SCHEDULE - 120VAC	
TYPE	DESCRIPTION
(301)	KITCHEN PENDANT LIGHT
(302)	WAFER LIGHT
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(305)	BEDROOM LIGHT

THE ELECTRICAL SUB-CONTRACTOR SHALL CONFIRM SPECIFICATIONS OF ALL SUITE LIGHT FIXTURES WITH OWNER AND INTERIOR DESIGNER

TYPICAL SUITE PANEL											
208 VAC		125 AMP BUSSING				LOCATION: REFER TO ELECTRICAL EQUIPMENT SCHEDULE					
1 φ PHASE		3 WIRE				FEEDER: REFER TO ELECTRICAL EQUIPMENT SCHEDULE					
DESCRIPTION	WATTS	BRK AMPS	CIR #	A	B	CIR #	BRK AMPS	WATTS	DESCRIPTION		
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WASHER (ARC FAULT)	2500	2P	7	•	8	15	700		STORAGE ROOM POWER (ARC FAULT)		
FRIDGE	700	15	11	•	10	15	700		BEDROOM RECEPTABLES (ARC FAULT)		
KITCHEN RECEPTABLES (GFI)	1800	20	13	•	14	15	700		BEDROOM RECEPTABLES (ARC FAULT)		
KITCHEN RECEPTABLES (GFI)	1800	20	15	•	16	15	300		BALCONY POWER (GFI)		
KITCHEN & LIVING ROOM LIGHTING	1800	20	17	•	18	15	1200		DISHWASHER (ARC FAULT)		
MISCELLANEOUS LIGHTING	700	15	19	•	20	15	700		RANGE HOOD		
			21	•	22				MICROWAVE (ARC FAULT)		
			23	•	24				BEDROOM LIGHTING		
			25	•	26						
			27	•	28						
			29	•	30				RESERVED FOR FUTURE INSTALLATIONS		
			31	•	32				RESERVED FOR FUTURE INSTALLATIONS		
A TOTAL:		14500							REMARKS: 70 AMP		
B TOTAL:		12100									
PANEL TOTAL:		26600							DEMAND: ??KW		

PANEL SCHEDULE SHOWN FOR REFERENCE ONLY. ALL BREAKERS / CONDUCTORS TO BE INSTALLED PER LATEST EDITION OF C.E.C.
**APPLICABLE FOR SPECIFIC SUITES ONLY. REFER TO FLOOR PLANS FOR EXACT LOCATIONS.

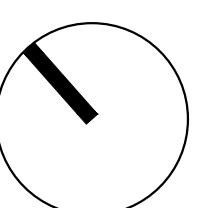
CONDO SUITE DRAWING KEY NOTES: (#)

- LOCATION OF SUITE ELECTRICAL PANEL. PANELBOARD REQUIRES EXCLUSIVE DEDICATED WORKING SPACE AS PER THE CANADIAN ELECTRICAL CODE. REFER TO DETAIL '2/E60-A-02' FOR EXACT CLEARANCE REQUIREMENTS.
- LOCATION OF TELUS SUPPLIED OPTICAL NETWORK TERMINAL & CATV OUTLET BOX. ALLOW FOR RECEPTACLE WITH-IN RECESSED COMMUNICATIONS PANEL AT THIS LOCATION. BOTH ARE TO BE INSTALLED BY ELECTRICAL SUB-CONTRACTOR.
- PROVIDE POWER FOR RANGE HOOD.
- ALL EXTERIOR PATIO RECEPTABLES MUST BE LOCATED AT LEAST 0.3m AWAY FROM GAS LINES. CONFIRM EXACT LOCATION OF GAS LINES WITH MECHANICAL SUB-CONTRACTOR PRIOR TO ROUGH-IN.

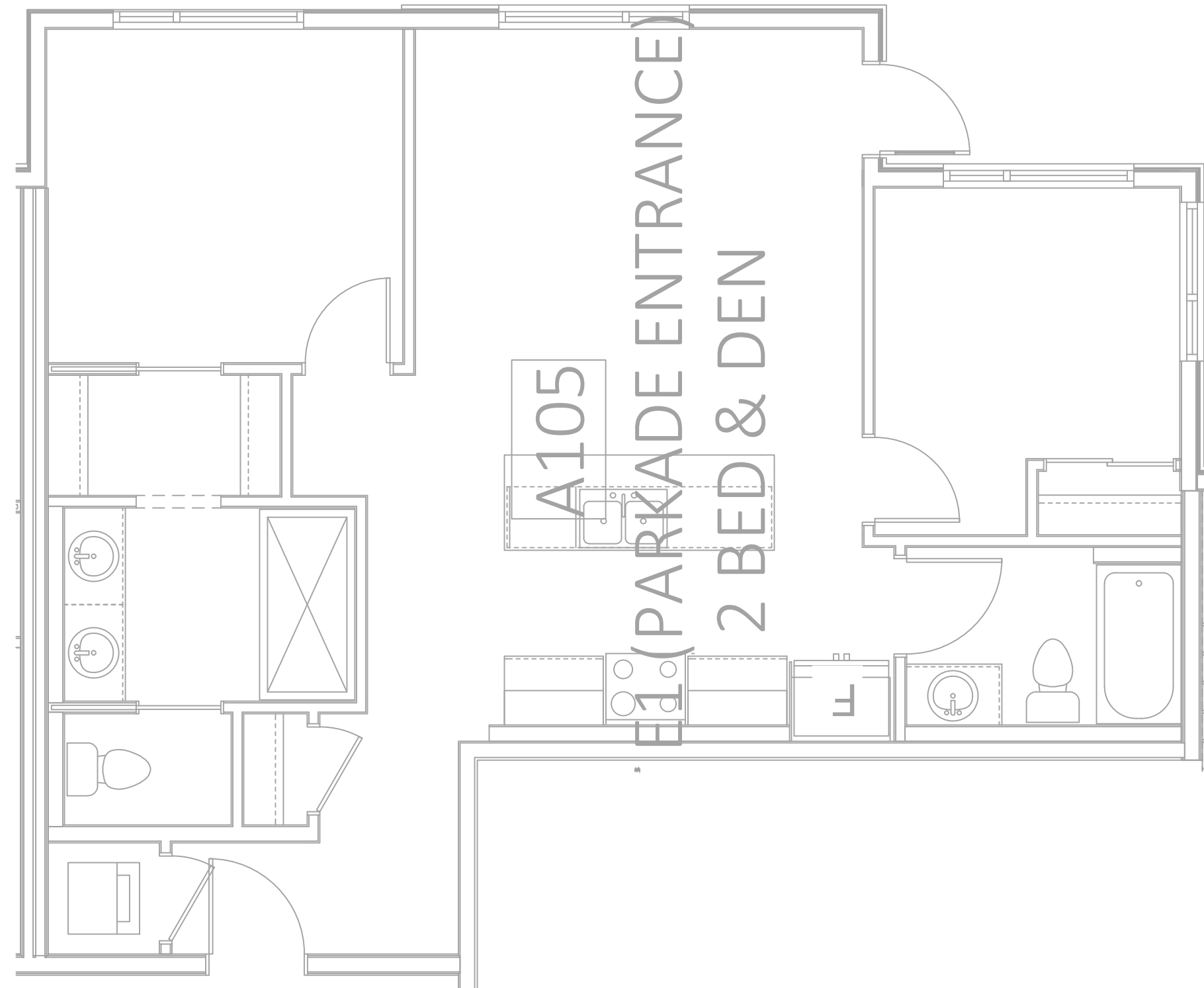
GENERAL CONDO SUITE NOTES:

- REFER TO THE FLOOR PLANS FOR SUITE COUNTS AND LAYOUTS.
- REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT, INCLUDING ENERGY RECOVERY VENTILATORS (ERV's), AND ELECTRIC DUCT HEATERS (EDH's), AND WASHROOM EXHAUST FANS (EP's), IF APPLICABLE.
- ALL SMOKE ALARMS WITHIN EACH SUITE SHALL BE INTERCONNECTED.
- ALL SMOKE ALARMS TO BE CONNECTED TO A LIGHTING CIRCUIT.
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- IF SPACE ALLOWS, ENSURE A RECEPTACLE IS PROVIDED IN EACH LAUNDRY / UTILITY ROOM IN ADDITION TO THE RECEPTACLE ALREADY ALLOWED FOR THE WASHING MACHINE AS PER ITEM 26-720(e) OF THE CANADIAN ELECTRICAL CODE.
- ALL HEATERS WITH-IN WASHROOM MUST BE PROTECTED BY A GROUND FAULT CIRCUIT INTERRUPTER.

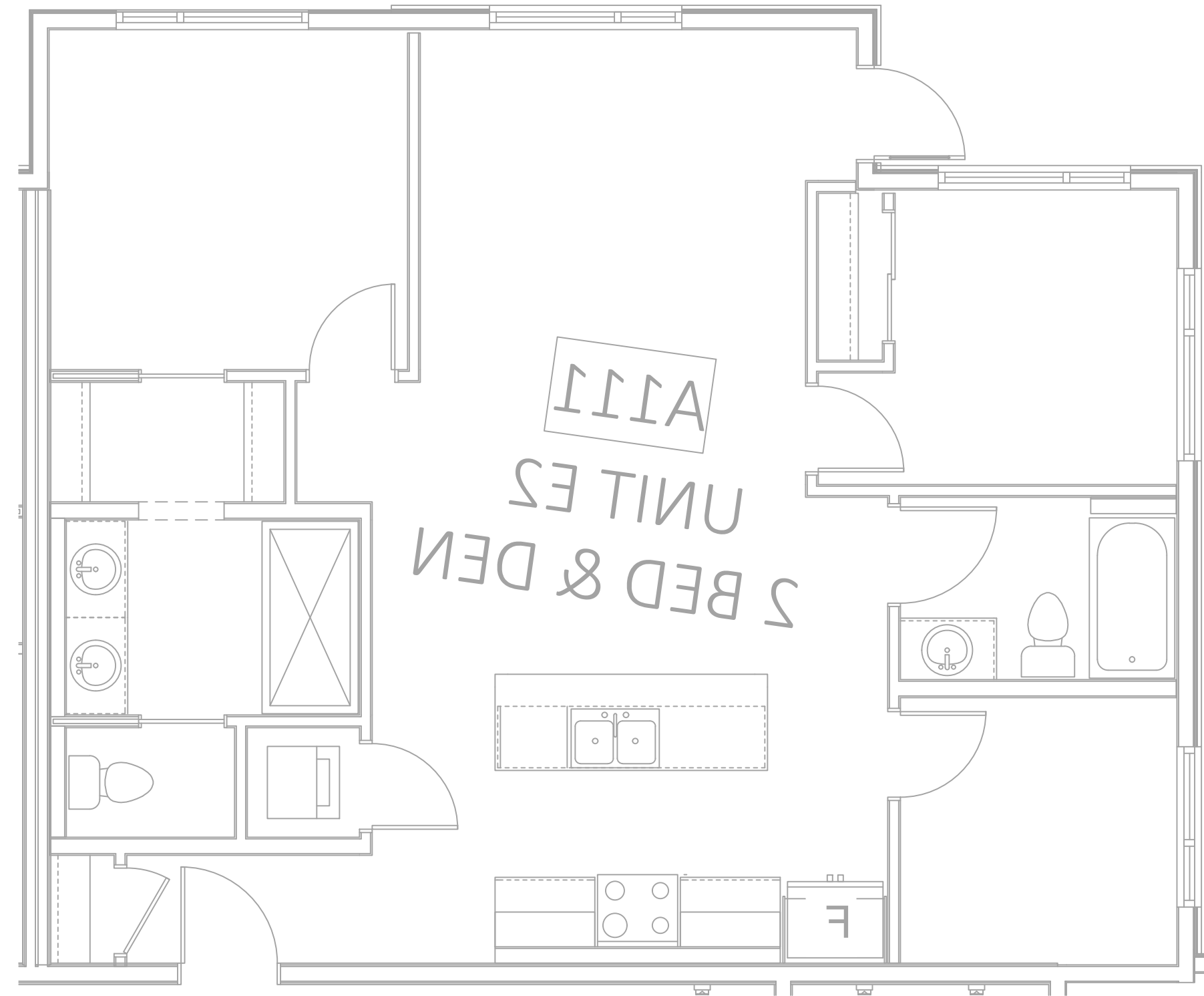
SCALE



E40-01-04



UNIT E1 - PARKADE ENTRANCE
ELECTRICAL LAYOUT
SCALE: 1/4" = 1'-0"



UNIT E2
ELECTRICAL LAYOUT
SCALE: 1/4" = 1'-0"

ISSUED FOR COORDINATION

NO. ISSUE/REVISION	DATE
1 30% Review	2026-04-30

PROJECT MANAGER	DRAWN
K.V	T.K/G.T
PROJECT LEAD	CHECKED
J.P/G.U	J.P/G.U/K.V

BLACK BEAR CROSSING - BLACK BIRCH HEIGHTS

BLACK BEAR CROSSING SW, TSUU T'INA NATION 145 AB

PROJECT # 25141.1
CITY FILE #



UNIT PLANS ELECTRICAL LAYOUT

CONDO SUITE ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
	DUPLEX RECEPTACLE (120VAC)
	GFI DUPLEX RECEPTACLE (120VAC)
	WEATHERPROOF EXTERIOR GFI DUPLEX RECEPTACLE (120VAC)
	COMBINATION USB CHARGING & SINGLE RECEPTACLE (120VAC)
	HALF-SWITCHED DUPLEX RECEPTACLE (120VAC)
	SINGLE PHASE SINGLE RECEPTACLE (240VAC)
	JUNCTION BOX WALL & CEILING MOUNT
	WALL MOUNTED DATA OUTLET
	WALL MOUNTED CATV OUTLET
	SWITCH
	THREE WAY SWITCH
	DIMMER SWITCH
	THERMOSTAT
	FIRE ALARM STROBE
	FIRE ALARM HORN
	SUITE INTERCONNECTED CEILING MOUNTED SMOKE ALARM (120VAC)
	SUITE INTERCONNECTED CEILING MOUNTED SMOKE ALARM & CO ALARM (120VAC)
	MOTOR CONNECTION
	MOTOR CONNECTION W/ COMBINATION FUSED DISCONNECT AND/OR MAGNETIC MOTOR STARTER
	SUITE PANEL
	COMMUNICATIONS PANEL

CONDO LIGHTING LEGEND	
SYMBOL	DESCRIPTION
	CEILING MOUNTED LIGHT
	WALL MOUNTED LIGHT
	PENDANT MOUNT LIGHT
	WAFER LIGHT

RESIDENTIAL LIGHTING SCHEDULE - 120VAC	
TYPE	DESCRIPTION
(301)	KITCHEN PENDANT LIGHT
(302)	WAFER LIGHT
(303)	BATHROOM CEILING LIGHT
(304)	EXTERIOR PATIO / BALCONY LIGHT
(305)	BEDROOM LIGHT

THE ELECTRICAL SUB-CONTRACTOR SHALL CONFIRM SPECIFICATIONS OF ALL SUITE LIGHT FIXTURES WITH OWNER AND INTERIOR DESIGNER

TYPICAL SUITE PANEL											
208 VAC		125 AMP BUSSING				LOCATION: REFER TO ELECTRICAL EQUIPMENT SCHEDULE					
1 φ PHASE		3 WIRE				FEEDER: REFER TO ELECTRICAL EQUIPMENT SCHEDULE					
DESCRIPTION	WATTS	BRK AMPS	CIR #	A	B	CIR #	BRK AMPS	WATTS	DESCRIPTION		
OVEN	3000	40	1	•	2	15	700		BATHROOM RECEPTACLE (GFI)		
DRYER	2500	30	5	•	6	15	700		LIVING & DINING RM POWER (ARC FAULT)		
WASHER (ARC FAULT)	700	15	9	•	8	15	700		STORAGE ROOM POWER (ARC FAULT)		
FRIDGE	700	15	11	•	10	15	700		BEDROOM RECEPTACLES (ARC FAULT)		
KITCHEN RECEPTACLES (GFI)	1800	20	13	•	12	15	1000		BEDROOM RECEPTACLES (ARC FAULT)		
KITCHEN RECEPTACLES (GFI)	1800	20	15	•	14	15	700		BALCONY POWER (GFI)		
KITCHEN RECEPTACLES (GFI)	1800	20	17	•	16	15	300		DISHWASHER (ARC FAULT)		
KITCHEN & LIVING ROOM LIGHTING	700	15	19	•	18	15	1200		RANGE HOOD		
MISCELLANEOUS LIGHTING	700	15	21	•	20	15	700		MICROWAVE (ARC FAULT)		
			23	•	24				BEDROOM LIGHTING		
			25	•	26						
			27	•	28						
			29	•	30				RESERVED FOR FUTURE INSTALLATIONS		
			31	•	32				RESERVED FOR FUTURE INSTALLATIONS		
A TOTAL:		14500							REMARKS: 70 AMP		
B TOTAL:		12100									
PANEL TOTAL:		26600							DEMAND: ??KW		

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**APPLICABLE FOR SPECIFIC SUITES ONLY. REFER TO FLOOR PLANS FOR EXACT LOCATIONS.

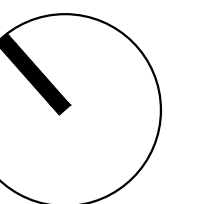
CONDO SUITE DRAWING KEY NOTES: (#)

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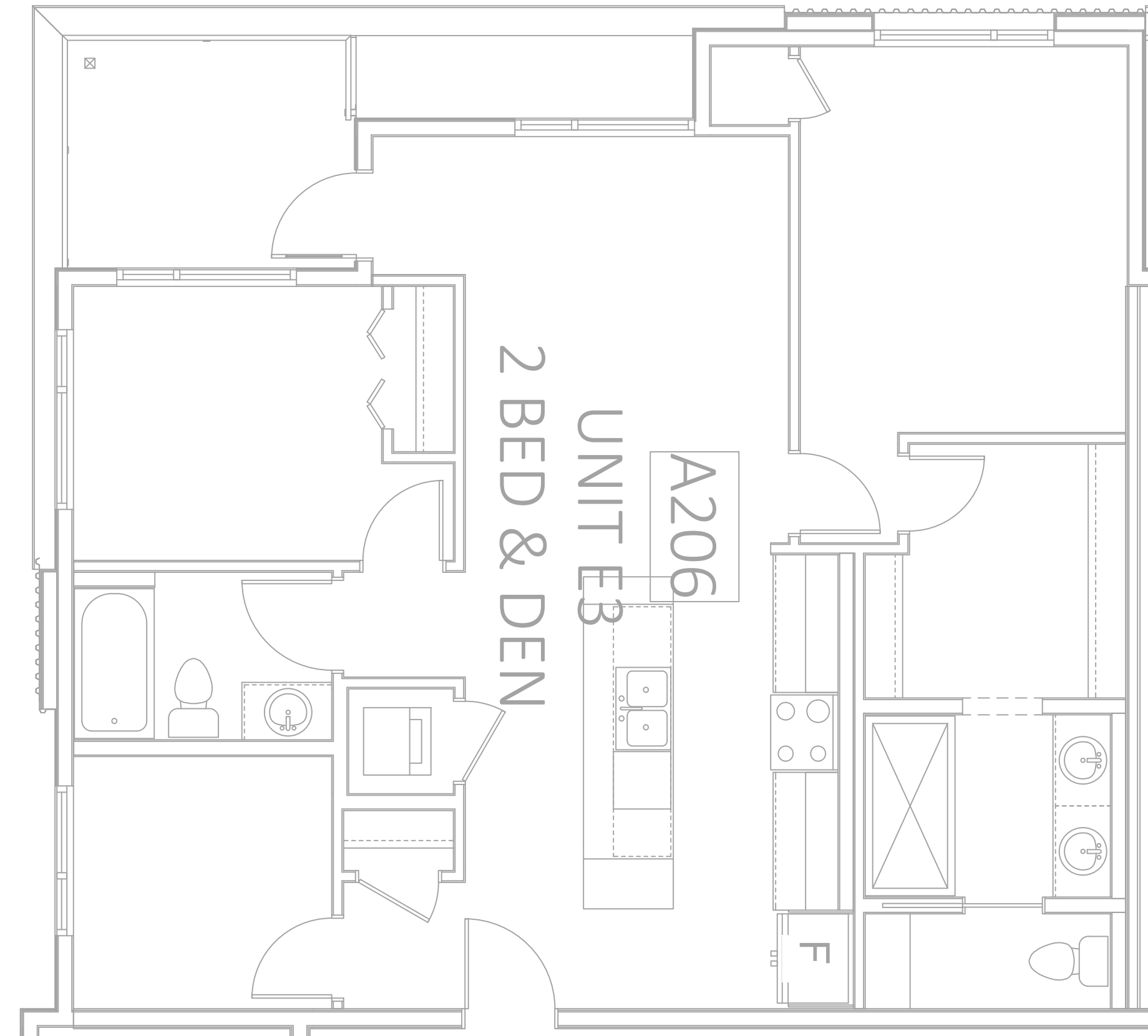
GENERAL CONDO SUITE NOTES:

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- ALL HEATERS WITH-IN WASHROOM MUST BE PROTECTED BY A GROUND FAULT CIRCUIT INTERRUPTER.

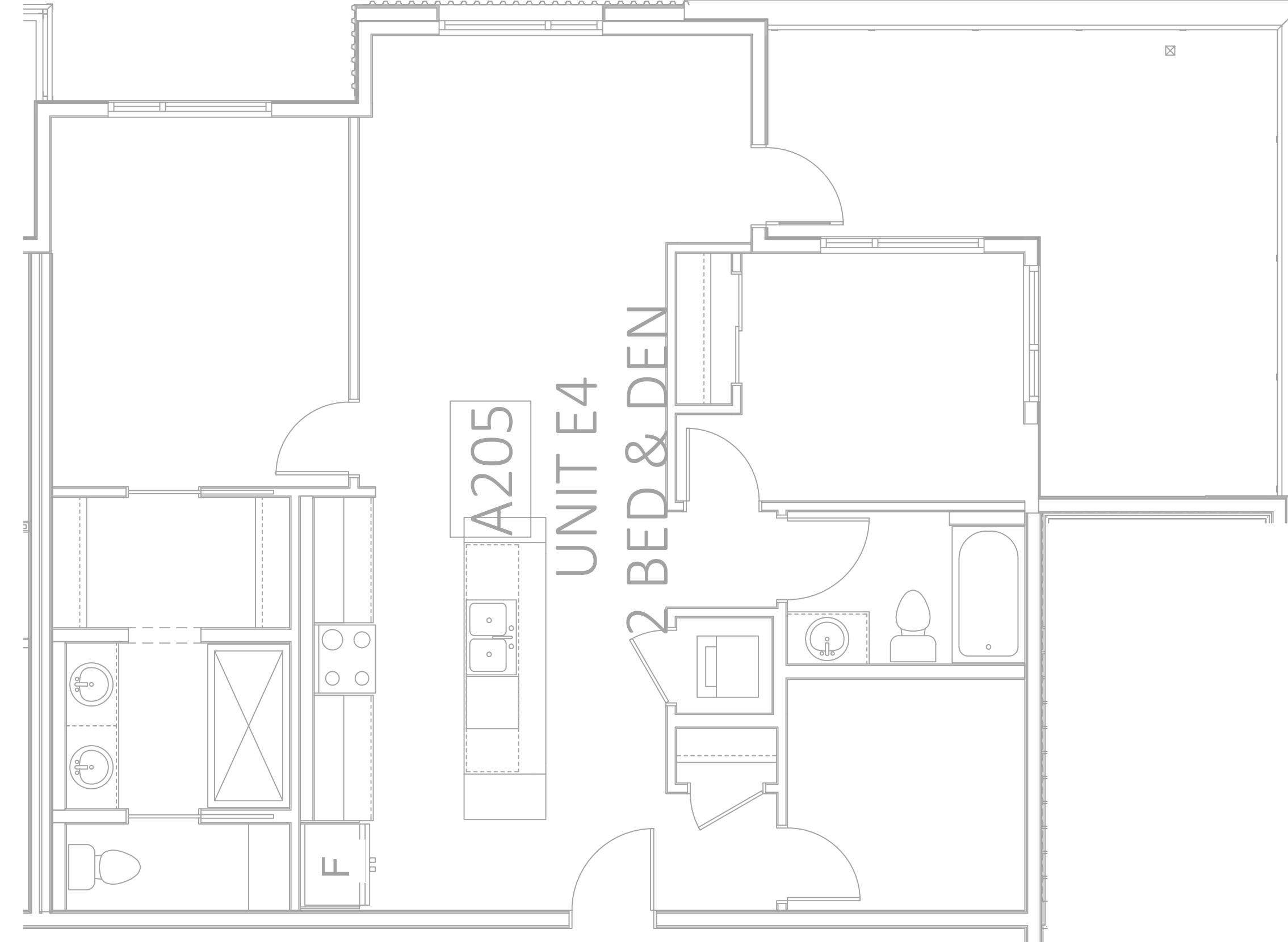
SCALE



E40-01-05



UNIT E3 ELECTRICAL LAYOUT
SCALE: 1/4" = 1'-0"



UNIT E4 ELECTRICAL LAYOUT
SCALE: 1/4" = 1'-0"

ISSUED FOR COORDINATION

NO. ISSUE/REVISION	DATE
1 30% Review	2026-04-30

PROJECT MANAGER	DRAWN
K.V	T.K/G.T
PROJECT LEAD	CHECKED
J.P/G.U	J.P/G.U/K.V

BLACK BEAR CROSSING - BLACK BIRCH HEIGHTS

BLACK BEAR CROSSING SW, TSUU T'INA NATION 145 AB

PROJECT # 25141.1
CITY FILE #



UNIT PLANS ELECTRICAL LAYOUT

CONDO SUITE ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
	DUPLEX RECEPTACLE (120VAC)
	GFI DUPLEX RECEPTACLE (120VAC)
	WEATHERPROOF EXTERIOR GFI DUPLEX RECEPTACLE (120VAC)
	COMBINATION USB CHARGING & SINGLE RECEPTACLE (120VAC)
	HALF-SWITCHED DUPLEX RECEPTACLE (120VAC)
	SINGLE PHASE SINGLE RECEPTACLE (240VAC)
	JUNCTION BOX WALL & CEILING MOUNT
	WALL MOUNTED DATA OUTLET
	WALL MOUNTED CATV OUTLET
	SWITCH
	THREE WAY SWITCH
	DIMMER SWITCH
	THERMOSTAT
	FIRE ALARM STROBE
	FIRE ALARM HORN
	SUITE INTERCONNECTED CEILING MOUNTED SMOKE ALARM (120VAC)
	SUITE INTERCONNECTED CEILING MOUNTED SMOKE ALARM & CO ALARM (120VAC)
	MOTOR CONNECTION
	MOTOR CONNECTION W/ COMBINATION FUSED DISCONNECT AND/OR MAGNETIC MOTOR STARTER
	SUITE PANEL
	COMMUNICATIONS PANEL

CONDO LIGHTING LEGEND	
SYMBOL	DESCRIPTION
	CEILING MOUNTED LIGHT
	WALL MOUNTED LIGHT
	PENDANT MOUNT LIGHT
	WAFER LIGHT

RESIDENTIAL LIGHTING SCHEDULE - 120VAC	
TYPE	DESCRIPTION
(301)	KITCHEN PENDANT LIGHT
(302)	WAFER LIGHT
(303)	BATHROOM CEILING LIGHT
(304)	EXTERIOR PATIO / BALCONY LIGHT
(305)	BEDROOM LIGHT

THE ELECTRICAL SUB-CONTRACTOR SHALL CONFIRM SPECIFICATIONS OF ALL SUITE LIGHT FIXTURES WITH OWNER AND INTERIOR DESIGNER

TYPICAL SUITE PANEL											
208 VAC		125 AMP BUSSING				LOCATION: REFER TO ELECTRICAL EQUIPMENT SCHEDULE					
1 φ PHASE		3 WIRE				FEEDER: REFER TO ELECTRICAL EQUIPMENT SCHEDULE					
DESCRIPTION	WATTS	BRK AMPS	CIR #	A	B	CIR #	BRK AMPS	WATTS	DESCRIPTION	WATTS	DESCRIPTION
OVEN	3000	40	1	•	2	15	700		BATHROOM RECEPTACLE (GFI)		
DRYER	2500	30	5	•	6	15	700		LIVING & DINING RM POWER (ARC FAULT)		
WASHER (ARC FAULT)	2500	2P	7	•	8	15	700		STORAGE ROOM POWER (ARC FAULT)		
FRIDGE	700	15	9	•	10	15	700		BEDROOM RECEPTACLES (ARC FAULT)		
KITCHEN RECEPTACLES (GFI)	1800	20	11	•	12	15	1000		BEDROOM RECEPTACLES (ARC FAULT)		
KITCHEN RECEPTACLES (GFI)	1800	20	13	•	14	15	700		BALCONY POWER (GFI)		
KITCHEN RECEPTACLES (GFI)	1800	20	15	•	16	15	300		DISHWASHER (ARC FAULT)		
KITCHEN & LIVING ROOM LIGHTING	1800	20	17	•	18	15	1200		RANGE HOOD		
MISCELLANEOUS LIGHTING	700	15	19	•	20	15	700		MICROWAVE (ARC FAULT)		
			21	•	22				BEDROOM LIGHTING		
			23	•	24						
			25	•	26						
			27	•	28						
			29	•	30				RESERVED FOR FUTURE INSTALLATIONS		
			31	•	32				RESERVED FOR FUTURE INSTALLATIONS		
A TOTAL:		14500							REMARKS: 70 AMP		
B TOTAL:		12100									
PANEL TOTAL:		26600									

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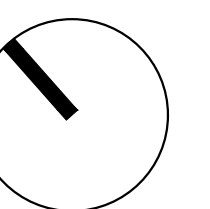
CONDO SUITE DRAWING KEY NOTES: (#)

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- ALL HEATERS WITH-IN WASHROOM MUST BE PROTECTED BY A GROUND FAULT CIRCUIT INTERRUPTER.

SCALE



E40-01-06



**UNIT E6
ELECTRICAL LAYOUT**
SCALE: 1/4" = 1'-0"

**ISSUED FOR
COORDINATION**

NO.	ISSUE/REVISION	DATE
1	30% Review	2026-04-30

PROJECT MANAGER	DRAWN
K.V	T.K/G.T
PROJECT LEAD	CHECKED
J.P/G.U	J.P/G.U/K.V

**BLACK BEAR
CROSSING - BLACK
BIRCH HEIGHTS**

BLACK BEAR CROSSING SW, TSUU
T'INA NATION 145 AB

PROJECT # 25141.1
CITY FILE #



**UNIT PLANS
ELECTRICAL LAYOUT**

CONDO SUITE ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
	DUPLEX RECEPTACLE (120VAC)
	GFI DUPLEX RECEPTACLE (120VAC)
	WEATHERPROOF EXTERIOR GFI DUPLEX RECEPTACLE (120VAC)
	COMBINATION USB CHARGING & SINGLE RECEPTACLE (120VAC)
	HALF-SWITCHED DUPLEX RECEPTACLE (120VAC)
	SINGLE PHASE SINGLE RECEPTACLE (240VAC)
	JUNCTION BOX WALL & CEILING MOUNT
	WALL MOUNTED DATA OUTLET
	WALL MOUNTED CATV OUTLET
	SWITCH
	THREE WAY SWITCH
	DIMMER SWITCH
	THERMOSTAT
	FIRE ALARM STROBE
	FIRE ALARM HORN
	SUITE INTERCONNECTED CEILING MOUNTED SMOKE ALARM (120VAC)
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	MOTOR CONNECTION
	MOTOR CONNECTION W/ COMBINATION FUSED DISCONNECT AND/OR MAGNETIC MOTOR STARTER
	SUITE PANEL
	COMMUNICATIONS PANEL

CONDO LIGHTING LEGEND	
SYMBOL	DESCRIPTION
	CEILING MOUNTED LIGHT
	WALL MOUNTED LIGHT
	PENDANT MOUNT LIGHT
	WAFER LIGHT

RESIDENTIAL LIGHTING SCHEDULE - 120VAC	
TYPE	DESCRIPTION
	KITCHEN PENDANT LIGHT
	WAFER LIGHT
	BATHROOM CEILING LIGHT
	EXTERIOR PATIO / BALCONY LIGHT
	BEDROOM LIGHT

THE ELECTRICAL SUB-CONTRACTOR SHALL CONFIRM SPECIFICATIONS OF ALL SUITE LIGHT FIXTURES WITH OWNER AND INTERIOR DESIGNER

TYPICAL SUITE PANEL											
208 VAC		125 AMP BUSSING				LOCATION: REFER TO ELECTRICAL EQUIPMENT SCHEDULE					
1 φ PHASE		3 WIRE				FEEDER: REFER TO ELECTRICAL EQUIPMENT SCHEDULE					
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			25	•	22						
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									RESERVED FOR FUTURE INSTALLATIONS		
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PANEL TOTAL:	26600								DEMAND: ??KW		

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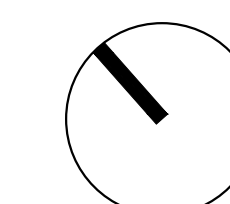
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- PROVIDE POWER FOR RANGE HOOD.
- ALL EXTERIOR PATIO RECEPTACLES MUST BE LOCATED AT LEAST 0.3m AWAY FROM GAS LINES. CONFIRM EXACT LOCATION OF GAS LINES WITH MECHANICAL SUB-CONTRACTOR PRIOR TO ROUGH-IN.

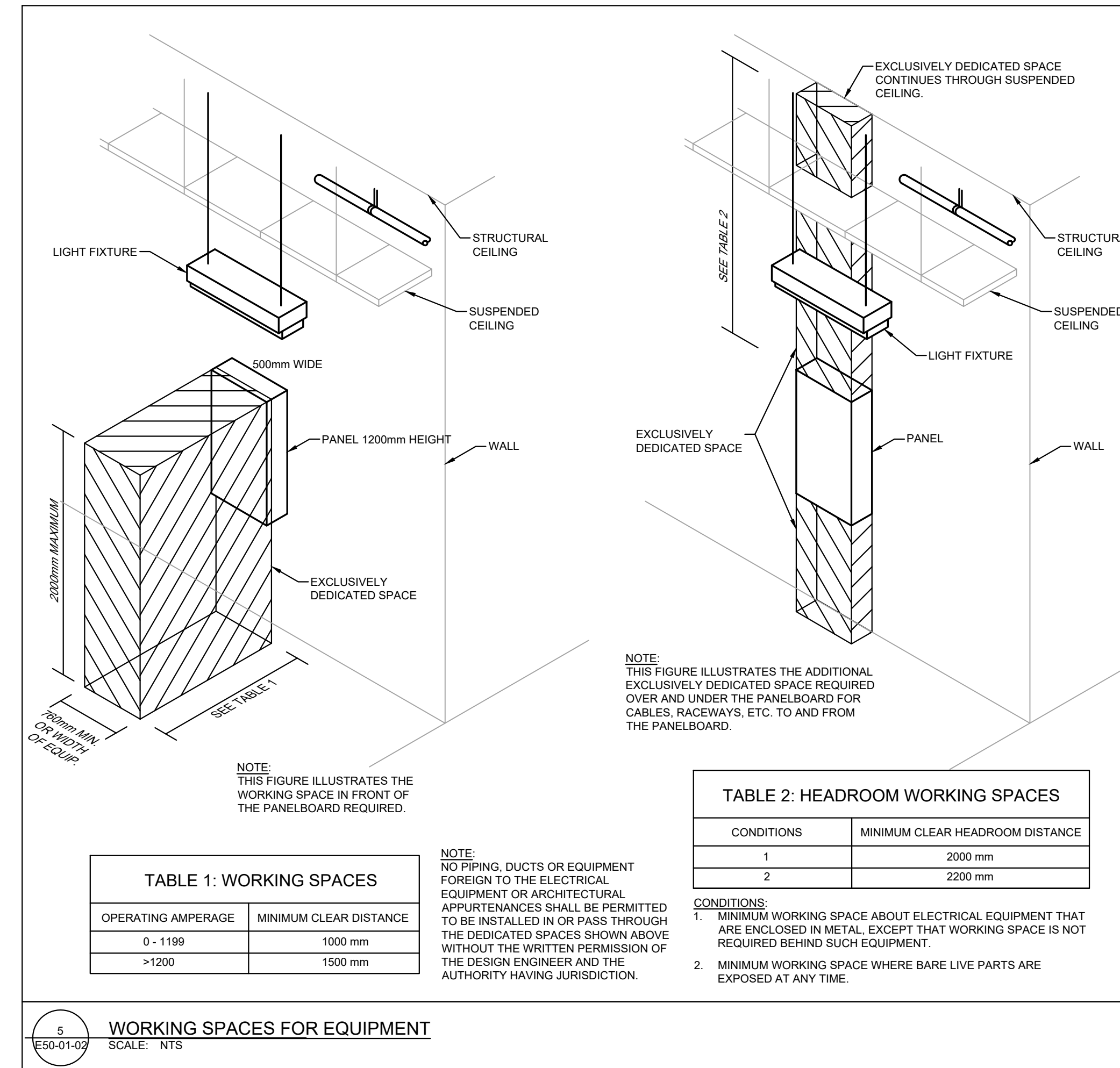
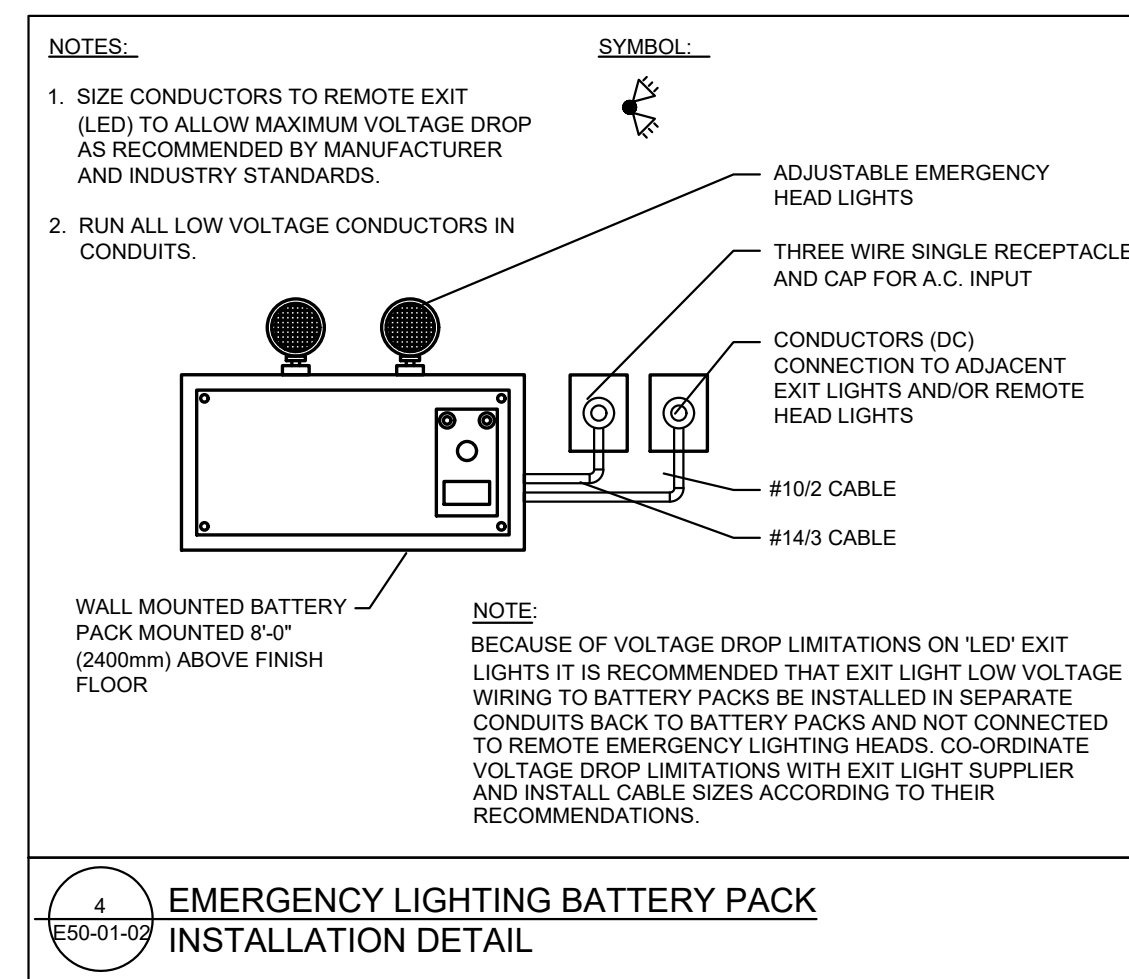
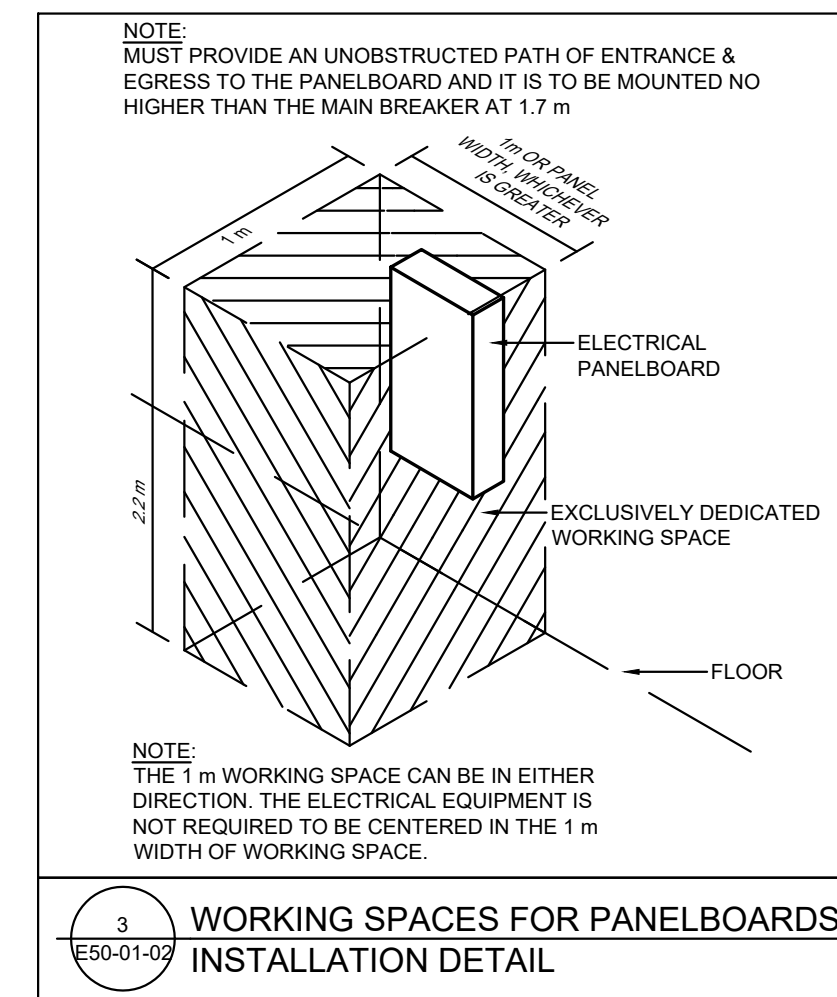
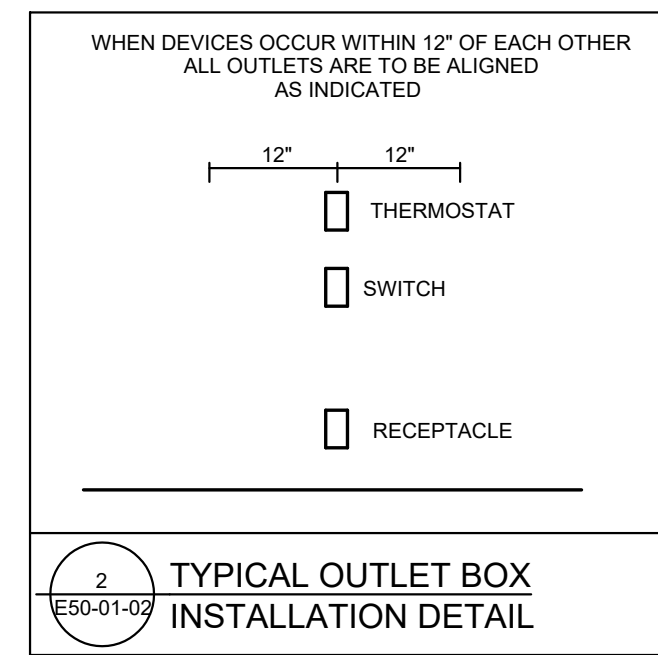
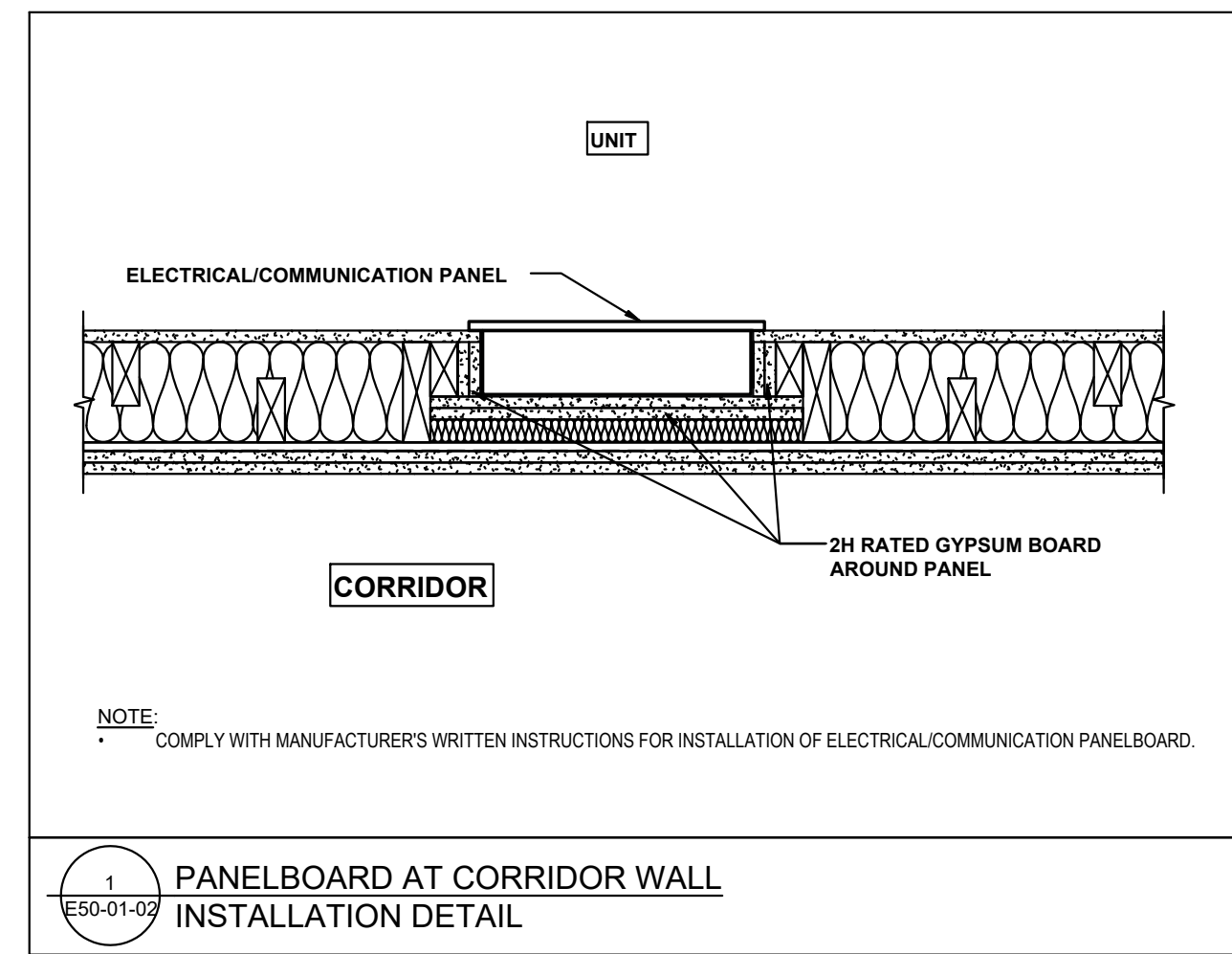
GENERAL CONDO SUITE NOTES:

- REFER TO THE FLOOR PLANS FOR SUITE COUNTS AND LAYOUTS.
- REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT, INCLUDING ENERGY RECOVERY VENTILATORS (ERV's), AND ELECTRIC DUCT HEATERS (EDH's), AND WASHROOM EXHAUST FANS (EF's), IF APPLICABLE.
- ALL SMOKE ALARMS WITHIN EACH SUITE SHALL BE INTERCONNECTED.
- ALL SMOKE ALARMS TO BE CONNECTED TO A LIGHTING CIRCUIT.
- ALL SMOKE ALARMS MUST HAVE A MANUALLY OPERATED SILENCING DEVICE.
- ALL SMOKE ALARMS MUST HAVE A TEMPORAL SOUND PATTERN.
- ALL SMOKE ALARMS MUST HAVE BATTERY BACK-UP CAPABILITY. SMOKE ALARM MUST BE ABLE TO BE POWERED OFF BACK-UP POWER FOR A MINIMUM OF 7 DAYS.
- ALL ELECTRICAL WITH-IN SUITES MUST BE PROTECTED BY A COMBINATION-TYPE ARC-FAULT CIRCUIT INTERRUPTER EXCEPT FOR AREAS PERMITTED TO BE EXCLUDED BY THE LATEST EDITION OF THE CANADIAN ELECTRICAL CODE (SECTION 26-658) ARC-FAULT PROTECTION.
- ALL 15A AND 20A RECEPTACLES SHALL BE TAMPER-RESISTANT AND SHALL BE MARKED AS SO, AS PER CEC 26-706(1) EXCEPT FOR RECEPTACLES UNDER ITEM 26-706(2).
- ALL RECEPTACLES LOCATED IN KITCHEN ARE TO BE RATED FOR 20 AMPS AND PROTECTED BY A GROUND FAULT CIRCUIT INTERRUPTER IF LOCATED WITHIN 1.5M OF SINKS. FEEDERS TO EACH OF THE RECEPTACLES ARE TO BE #12 AWG AS PER THE LATEST EDITION OF THE CANADIAN ELECTRICAL CODE. NMD90 WIRING SHALL BE YELLOW FOR IDENTIFICATION PURPOSES.
- IF SPACE ALLOWS, ENSURE A RECEPTACLE IS PROVIDED IN EACH LAUNDRY / UTILITY ROOM IN ADDITION TO THE RECEPTACLE ALREADY ALLOWED FOR THE WASHING MACHINE AS PER ITEM 26-720(e) OF THE CANADIAN ELECTRICAL CODE.
- ALL HEATERS WITH-IN WASHROOM MUST BE PROTECTED BY A GROUND FAULT CIRCUIT INTERRUPTER.

SCALE



E40-01-07



ISSUED FOR
COORDINATION

NO.	ISSUE/REVISION	DATE
1	30% Review	2026-04-30

PROJECT MANAGER	DRAWN
K.V	T.K/G.T
PROJECT LEAD	CHECKED
J.P/G.U	J.P/G.U/K.V

BLACK BEAR
CROSSING - BLACK
BIRCH HEIGHTS

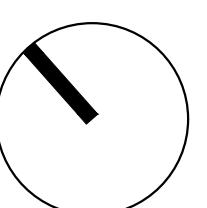
BLACK BEAR CROSSING SW, TSUU
T'INA NATION 145 AB

PROJECT # 25141.1
CITY FILE #



ELECTRICAL DETAILS

SCALE



E50-01-02

ISSUED FOR
COORDINATION

NO. ISSUE/REVISION DATE
1 30% Review 2026-04-30

PROJECT MANAGER DRAWN
K.V T.K/G.T
PROJECT LEAD CHECKED
J.P/G.U J.P/G.U/K.V

**BLACK BEAR
CROSSING - BLACK
BIRCH HEIGHTS**

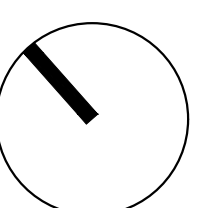
BLACK BEAR CROSSING SW, TSUU
T'INA NATION 145 AB

PROJECT # 25141.1
CITY FILE #



ELECTRICAL DETAILS

SCALE



E50-01-04

