

MECHANICAL DRAWING LIST	
Sheet Number	Sheet Name
M0001	MECHANICAL DRAWING LIST
M0201	EQUIPMENT SCHEDULE
M1101	DEMOLITION PLAN - GROUND FLOOR
M2101	PLUMBING - GROUND FLOOR
M3101	DRAINAGE - GROUND FLOOR
M5101	HVAC - GROUND FLOOR

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Corporate Real Estate Management

Project Management Office

Metro Hall Toronto, ON

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No.	DESCRIPTION	DATE
A	50% SUBMISSION	2021-09-23
B	90% SUBMISSION	2022-01-04
C	ISSUED FOR PERMIT	2022-01-04
D	ISSUED FOR TENDER	2022-11-01

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PROJECT TITLE
CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

FIRE HALL NO.224
1313 WOODBINE AVE.

PROJECT NO: 122260	
DRAWN BY: K.DURUKAN	CHECKED BY: B.LIAO
PROJECT MGR: F.BOLOURIAN	APPROVED BY: S.LIU

SHEET TITLE
MECHANICAL DRAWING
LIST

SHEET NUMBER G28-41-M0001	ISSUE D
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ELECTRICAL HEATER SCHEDULE									
TAG NO.	SERVICE	MANUFACTURER/ MODEL NO.	CAPACITY OUTPUT (KW)	V/Ph/Hz	WEIGHT (KG)	POWER (KW)	FLOW (LPS)	NOTES	
FAH-01	UNIVERSAL WR - 010	OUELLET OACP3000	2.25	208/1/60	10.9	-	75	PROVIDE DISCONNECT SWITCH AND BUILT-IN THERMOSTAT	
FAH-02	WORKSHOP - 102	OUELLET OACP1502	1.5	120/1/60	10.9	-	75	PROVIDE DISCONNECT SWITCH AND BUILT-IN THERMOSTAT	

EXHAUST FAN SCHEDULE									
TAG NO.	SERVICE	MANUFACTURER/ MODEL NO.	FAN			MOTOR			NOTES
			CAPACITY (LPS)	S.P. (Pa)	TYPE	HP	RPM	V/Ph/Hz	
EF-01	UNIVERSAL WR - 010	GREENHECK MODEL SP-A125	35	86	CEILING FAN, DIRECT DRIVE	0.03	1100	115/1/60	CONTROLLED BY LIGHTING SWITCH, C/W EXHAUST GRILLE, DISCONNECT SWITCH, BACKDRAFT DAMPER, ROUND DUCT CONNECTOR
EF-02	WORKSHOP - 102	GREENHECK MODEL SP-A125	35	86	CEILING FAN, DIRECT DRIVE	0.03	1100	115/1/60	CONTROLLED BY HAND SWITCH, C/W EXHAUST GRILLE, DISCONNECT SWITCH, BACKDRAFT DAMPER, ROUND DUCT CONNECTOR

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ACCESSIBILITY UPGRADES

PROJECT ADDRESS

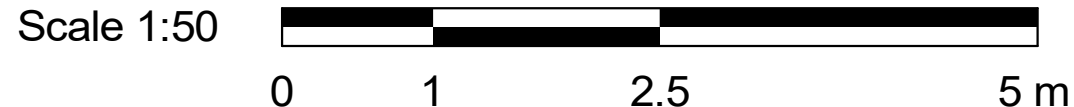
FIRE HALL NO.224
1313 WOODBINE AVE.

PROJECT NO: 122260	
DRAWN BY: K.DURUKAN	CHECKED BY: B.LIAO
PROJECT MGR: F.BOLOURIAN	APPROVED BY: S.LIU

SHEET TITLE
EQUIPMENT SCHEDULE

SHEET NUMBER	ISSUE
G28-41-M0201	D

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EXISTING DHW MAIN LINES NEARBY.
CONTRACTOR TO VERIFY EXACT LOCATION
AND SIZE ON SITE

EXISTING DCW MAIN LINES NEARBY.
CONTRACTOR TO VERIFY EXACT LOCATION
AND SIZE ON SITE

EXISTING SAN MAIN LINE AT BASEMENT
CEILING, CONTRACTOR TO VERIFY EXACT
LOCATION, SIZE AND INVERT ON SITE

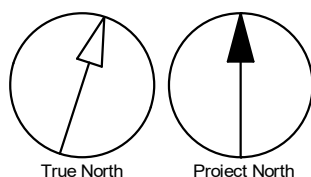
EXISTING BRANCH SAN LINE ENTERING BASEMENT
CEILING THROUGH FOUNDATION WALL.
CONTRACTOR TO VERIFY EXACT SIZE AND INVERT
OF EXISTING SAN BRACNH LINE. UPGRADE TO
1000 C/W NEW SLEEVE AND SEAL TO SUIT NEW
LAYOUT WHEN REQUIRED

CONTRACTOR TO VERIFY EXACT SIZE AND
INVERT OF EXISTING SAN BRACNH LINE.
UPGRADE TO 1000 TO SUIT NEW LAYOUT
WHEN REQUIRED

EXISTING FLOOR DRAIN TO BE REMOVED,
MODIFY PIPING AND MAKE GOOD FINISH

EXISTING PACKAGED TERMINAL AC UNIT
TO BE REMOVED, MAKE GOOD FINISH

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



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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

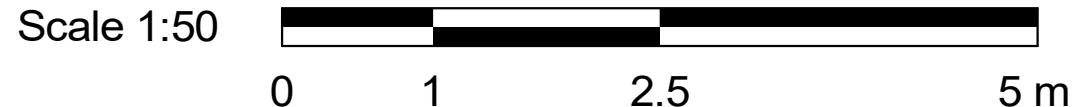
FIRE HALL NO.224
1313 WOODBINE AVE.

PROJECT NO: 122260	
DRAWN BY: K.DURUKAN	CHECKED BY: B.LIAO
PROJECT MGR: F.BOLOURIAN	APPROVED BY: S.LIU

SHEET TITLE
**DEMOLITION PLAN -
GROUND FLOOR**

SHEET NUMBER G28-41-M1101	ISSUE D
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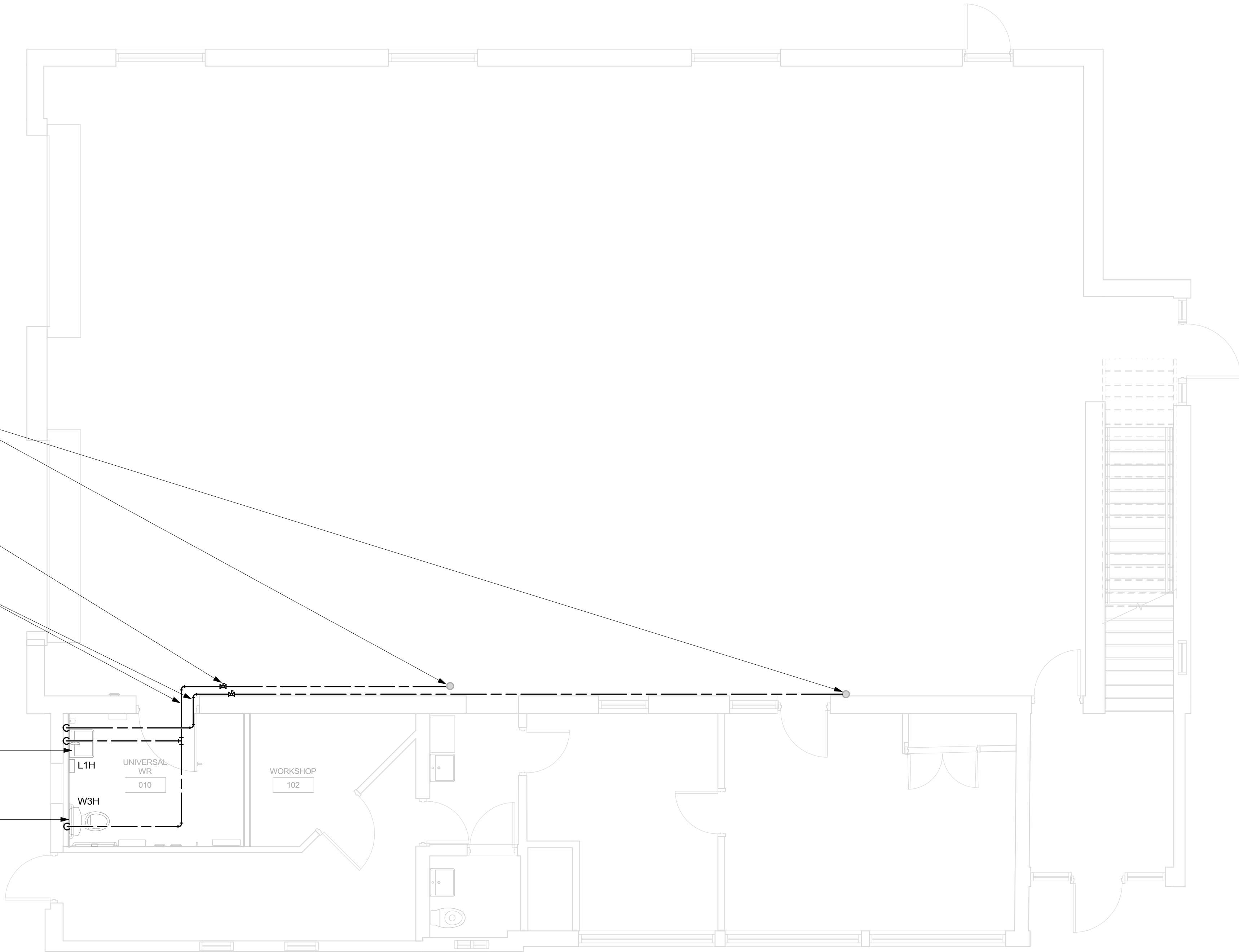
EXISTING DCW & DHW MAIN LINES NEARBY,
CONTRACTOR TO VERIFY EXACT LOCATION
AND SIZE ON SITE, CONTRACTOR TO PROVIDE
PIPE INSULATION TO EXISTING MAIN LINES

PROVIDE NEW 200 DCW & DHW LINES FROM
EXISTING MAIN LINES, CONTRACTOR TO VERIFY
EXACT LOCATION ON SITE, C/W SHUT-OFF VALVES

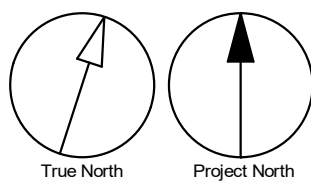
PROVIDE FIRE STOP TO DCW & DHW LINES
PENETRATING WALL

PROVIDE NEW LAV C/W 130 DCW & DHW
SUPPLY LINES

PROVIDE NEW TANK TYPE WC C/W 200 DCW
SUPPLY LINE



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



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**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**FIRE HALL NO.224
1313 WOODBINE AVE.**

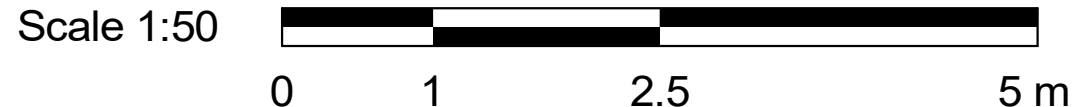
PROJECT NO: 122260	
DRAWN BY: K.DURUKAN	CHECKED BY: B.LIAO
PROJECT MGR: F.BOLOURIAN	APPROVED BY: S.LIU

SHEET TITLE
**PLUMBING - GROUND
FLOOR**

SHEET NUMBER G28-41-M2101	ISSUE D
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BIM 360//122260 - CoT TAU Upgrades R2020122260-TAU-28-41-1313WDBN-M-820.rvt
1 mm

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EXISTING SAN MAIN LINE AT BASEMENT CEILING,
CONTRACTOR TO VERIFY EXACT LOCATION, SIZE
AND INVERT ON SITE

PROVIDE NEW FLOOR DRAIN C/W 75Ø SAN LINE

PROVIDE NEW LAV C/W 50Ø SAN LINE

PROVIDE NEW CO

PROVIDE NEW TANK TYPE WC C/W 75Ø SAN LINE

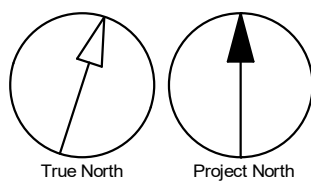
PROVIDE NEW FLOOR DRAIN C/W 75Ø SAN LINE

PROVIDE 100Ø SAN LINE SERVING NEW WASHROOM,
CONNECT FROM EXISTING LINE NEARBY

CONTRACTOR TO VERIFY EXACT SIZE AND INVERT OF
EXISTING SAN BRACNH LINE, UPGRADE TO 100Ø TO SUIT
NEW LAYOUT WHEN REQUIRED

EXISTING BRANCH SAN LINE ENTERING BASEMENT CEILING
THROUGH FOUNDATION WALL, CONTRACTOR TO VERIFY
EXACT SIZE AND INVERT OF EXISTING SAN BRACNH LINE,
UPGRADE TO 100Ø C/W NEW SLEEVE AND SEAL TO SUIT
NEW LAYOUT WHEN REQUIRED

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



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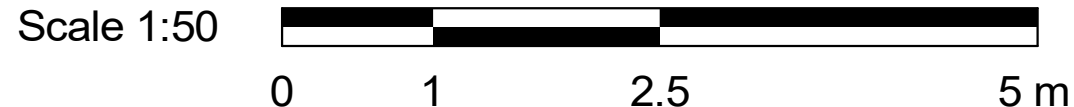
PROJECT NO: 122260	
DRAWN BY: K.DURUKAN	CHECKED BY: B.LIAO
PROJECT MGR: F.BOLOURIAN	APPROVED BY: S.LIU

SHEET TITLE
**DRAINAGE - GROUND
FLOOR**

SHEET NUMBER G28-41-M3101	ISSUE D
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BIM 360//122260 - CoT TAU Upgrades R2020122260-TAU-28-41-1313WDBN-M-F20.rvt
1 mm

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PROVIDE NEW CEILING MOUNTED ELEC.
HEATER, C/W BUILT-IN THERMOSTAT

PROVIDE NEW EXHAUST FAN
CONTROLLED BY HAND SWITCH

PROVIDE NEW 500X250 FIRE RATED
DOOR GRILLE

PROVIDE 150Ø EXHAUST DUCT THROUGH
EXTERIOR WALL C/W BACKDRAFT DAMPER,
WIREMESH AND WEATHERHOOD

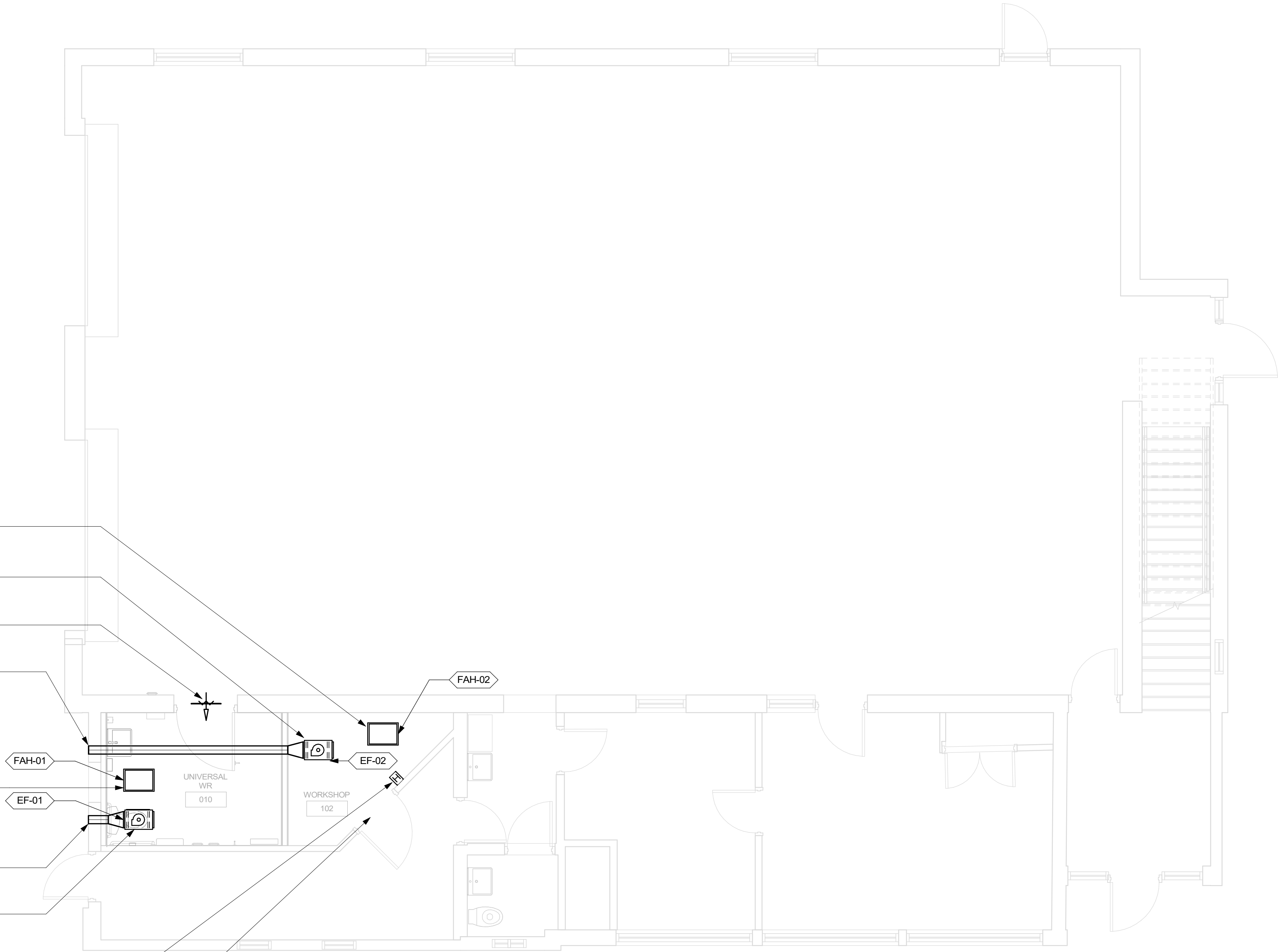
PROVIDE NEW CEILING MOUNTED ELEC.
HEATER, C/W BUILT-IN THERMOSTAT

PROVIDE 150Ø EXHAUST DUCT THROUGH
EXTERIOR WALL C/W BACKDRAFT DAMPER,
WIREMESH AND WEATHERHOOD

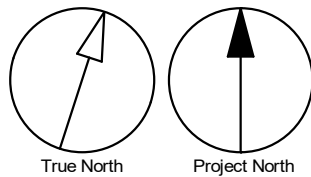
PROVIDE NEW EXHAUST FAN
CONTROLLED BY LIGHTING SWITCH

PROVIDE NEW HAND SWITCH TO
CONTROL NEW EF

PROVIDE 25MM DOOR CUT



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



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K.DURUKAN

CHECKED BY:
B.LIAO

PROJECT MGR:
F.BOLOURIAN

APPROVED BY:
S.LIU

SHEET TITLE
HVAC - GROUND FLOOR

SHEET NUMBER

G28-41-M5101

ISSUE

D

BIM 360//122260 - CoT TAU Upgrades R2020122260-TAU-28-41-1313WDBN-M-520.rvt | 10mm | 1 m