

MECHANICAL DRAWING LIST	
Sheet Number	Sheet Name
M0001	MECHANICAL DRAWING LIST
M0201	EQUIPMENT SCHEDULE
M1101	DEMOLITION PLAN - BASEMENT
M1102	DEMOLITION PLAN - GROUND FLOOR
M1103	DEMOLITION PLAN - SECOND FLOOR
M1301	DEMOLITION PLAN - GROUND FLOOR ENLARGED PLAN
M2101	PLUMBING - BASEMENT
M2102	PLUMBING - GROUND FLOOR
M2103	PLUMBING - SECOND FLOOR
M2301	PLUMBING - GROUND FLOOR ENLARGED PLAN
M3101	DRAINAGE - BASEMENT
M3102	DRAINAGE - GROUND FLOOR
M3103	DRAINAGE - SECOND FLOOR
M5101	HVAC - BASEMENT
M5102	HVAC - GROUND FLOOR
M5103	HVAC - SECOND FLOOR
M5104	HVAC - ROOF PLAN
M5301	HVAC - GROUND FLOOR ENLARGED PLAN

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Corporate Real Estate Management

Project Management Office

Metro Hall Toronto, ON

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PROJECT TITLE
CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS
West Scarborough
Community Centre
313 Pharmacy 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 G28-184-M0001	ISSUE 00
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AIR COOLED CONDENSING UNIT SCHEDULE															
GENERAL				COMPRESSOR			ELECTRICAL			DIMENSIONS			WEIGHT (KG)	INTERLOCK UNIT NO.	NOTES
TAG NO.	LOCATION	MANUFACTURER/ MODEL NO.	COOLING CAPACITY KW	REFRIGERANT TYPE	COOLING EFFICIENCY (EER/SEER)	LOW AMBIENT KIT	V/PH/Hz	MCA	MOCP	LENGTH	WIDTH	HEIGHT			
ACCU-01	ROOF	mitsubishi PUY-A12NKA7-BS	3.5	R410A	12.0/20.8	YES	208/1/60	11	28	871	300	630	41	AC-01	C/W MINI FRAME CONDENSER STAND AND WIND / SNOW GUARDS

AIR CONDITIONER SCHEDULE														
GENERAL			COOLING CAPACITY KW	FAN		REFRIGERANT TYPE	ELECTRICAL		DIMENSIONS			WEIGHT (KG)	INTERLOCK UNIT NO.	NOTES
TAG NO.	SERVICE	MANUFACTURER/ MODEL NO.		CAPACITY (LPS)	MOTOR POWER (W)		V/PH/Hz	MCA	Length	Width	Height			
AC-01	ELEVATOR CLOSET	mitsubishi PKA-A12HA7	3.5	200	30	R410A	208/1/60	1	898	295	249	13	ACCU-01	C/W CONDENSATE PUMP AND WIRED PROGRAMMABLE THERMOSTAT, PROVIDE COMPLETE PIPING, VALVE, INSULATION AND WIRING TO OUTDOOR UNIT ACCU-01 PER MANFACTURE INSTALLATION REQUIREMENT

PUMP SCHEDULE											
Mark	GENERAL			PUMP			MOTOR			OPERATING MEDIUM FLUID	NOTES
	TAG NO.	SERVICE	MANUFACTURER/ MODEL NO.	CAPACITY (LPS)	HEAD (M)	TYPE	HP	RPM	V/Ph/Hz		
SP-01	SP-01	ELEVATOR	FLYGT NP 3085.060 15-10-4AL-W	3.51	5.04	SUBMERSIBLE	2.2	1730	208/3/60	SANITARY	C/W CONTROL PANEL, DISCONNECT SWITCH, AND ALL NECESSARY ACCESSORIES AS SPECIFIED AND SHOWN ON DETAILS ,LEAD-LAG OPERATION WITH HIGH WATER LEVEL ALARM
SP-02	SP-02	ELEVATOR	FLYGT NP 3085.060 15-10-4AL-W	3.51	5.04	SUBMERSIBLE	2.2	1730	208/3/60	SANITARY	C/W CONTROL PANEL, DISCONNECT SWITCH, AND ALL NECESSARY ACCESSORIES AS SPECIFIED AND SHOWN ON DETAILS ,LEAD-LAG OPERATION WITH HIGH WATER LEVEL ALARM

ELECTRICAL HEATER SCHEDULE								
TAG NO.	SERVICE	MANUFACTURER/ MODEL NO.	CAPACITY OUTPUT (KW)	V/Ph/Hz	WEIGHT (KG)	FAN		NOTES
						POWER (KW)	FLOW (LPS)	
FAH-01	GENDER NEUTRAL CHANGE ROOM	OULLET OAC01502T	1.5	120/1/60	10.9	-	75	DISCONNECT SWITCH, C/W BUILT-IN THERMOSTAT
FAH-02	SUMP ROOM - 015	OULLET OAC01502T	1.5	120/1/60	10.9	-	75	DISCONNECT SWITCH, C/W BUILT-IN THERMOSTAT
FAH-03	ELEVATOR SHAFT	OULLET OAC02008T	2	208/1/60	10.9	-	75	DISCONNECT SWITCH, C/W BUILT-IN THERMOSTAT

EXHAUST FAN SCHEDULE									
TAG NO.	SERVICE	MANUFACTURER/ MODEL NO.	FAN			MOTOR			NOTES
			CAPACITY (LPS)	S.P. (Pa)	TYPE	W	RPM	V/Ph/Hz	
EF-01	ELEVATOR SHAFT	GREENHECK CUE-070-D	95	75	WALL MOUNTED DIRECT DRIVE	25	1550	115/60/1	TO BE CONFIGURED FOR SIDEWALL MOUNTING C/W DISCONNECT, AUTOMATIC DAMPER AND BIRDSCREEN

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PROJECT TITLE
CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS
West Scarborough
Community Centre
313 Pharmacy Ave.

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

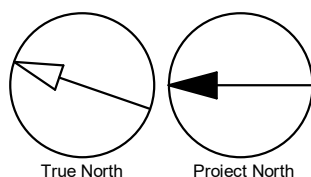
SHEET TITLE
EQUIPMENT SCHEDULE

SHEET NUMBER G28-184-M0201	ISSUE 00
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2023-03-06 11:40:53 AM



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



EXISTING DUCTING TO BE MODIFIED TO ACCOMODATE NEW DRAINAGE LAYOUT REFER M5101 FOR NEW LAYOUT

EXISTING DUCTING AS PER BUILDING DWG, CONTRACTOR TO VERIFY EXACT LOCATION AND SIZE ON SITE

EXISTING AIR TRANSFER GRILLE TO BE REMOVED AND RE-INSTALL 2100MM ABOVE FINISHED FLOOR, REFER M5101

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PROJECT TITLE
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313 Pharmacy Ave.**

PROJECT NO:
122260

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

SHEET TITLE
**DEMOLITION PLAN -
BASEMENT**

SHEET NUMBER G28-184-M1101	ISSUE 00
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BIW 380/1122260 - CoT TAU Upgrades R20201122260-TAU-28-184-313PHRM-CY-AM-R20.rvt 1/1

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PROJECT TITLE
CITY OF TORONTO
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PROJECT ADDRESS

West Scarborough
Community Centre
313 Pharmacy Ave.

PROJECT NO:
122260

DRAWN BY:
K.DURUKAN

PROJECT M
F.BOLOURIA

CHECKED BY:
B.LIAO

APPROVED BY
S.LIU

SHEET TITLE
DEMOLITION PLAN
GROUND FLOOR

SHEET NUMBER

G28-184-M1102

ISSUE

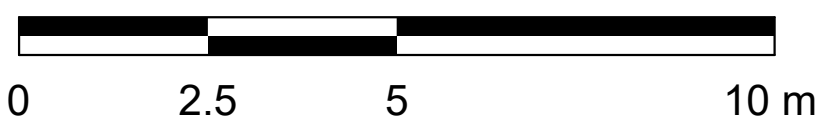
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BIM 360://122260 - Cat Tail Ingrades B2020/122260-Tail-28-184-313PHRMCY.M.B20 cat

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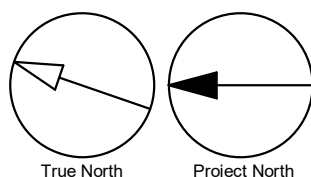
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GENERAL NOTES

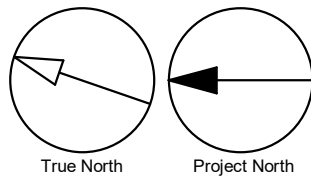
1. CONTRACTOR TO VERIFY SITE CONDITION.
2. REMOVE AND CAP EXISTING SERVICES AS SHOWN ON THE DRAWING
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EXISTING SINK TO BE REMOVED AND REPLACED WITH NEW, REFER M2103 FOR NEW SINK

EXISTING FE TO BE RELOCATED, REFER M5103 FOR NEW LOCATION

EXISTING RETURN AIR AT HIGH LEVEL TO REMAIN

REMOVE GAS PIPING BRANCH ON SECOND FLOOR AND CAP TEMPORARY TO RE-CONNECT TO NEW LINE, CONTRACTOR TO VERIFY BRANCH EXACT SIZE AND LOCATION ON SITE

EXISTING RETURN AIR DUCT DN. TO LOW LEVEL WITH RETURN GRILLE AT BOTTOM SIDE, VERTICAL DUCTWORK TO BE REMOVED TO ACCOMODATE NEW ELEVATOR CLOSET, GRILLE TO BE RE-INSTALLED ON RETURN DUCT, APPROX. DUCT SIZE 700X350, REFER PROPOSED PLAN M5103

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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

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**West Scarborough
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313 Pharmacy Ave.**

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

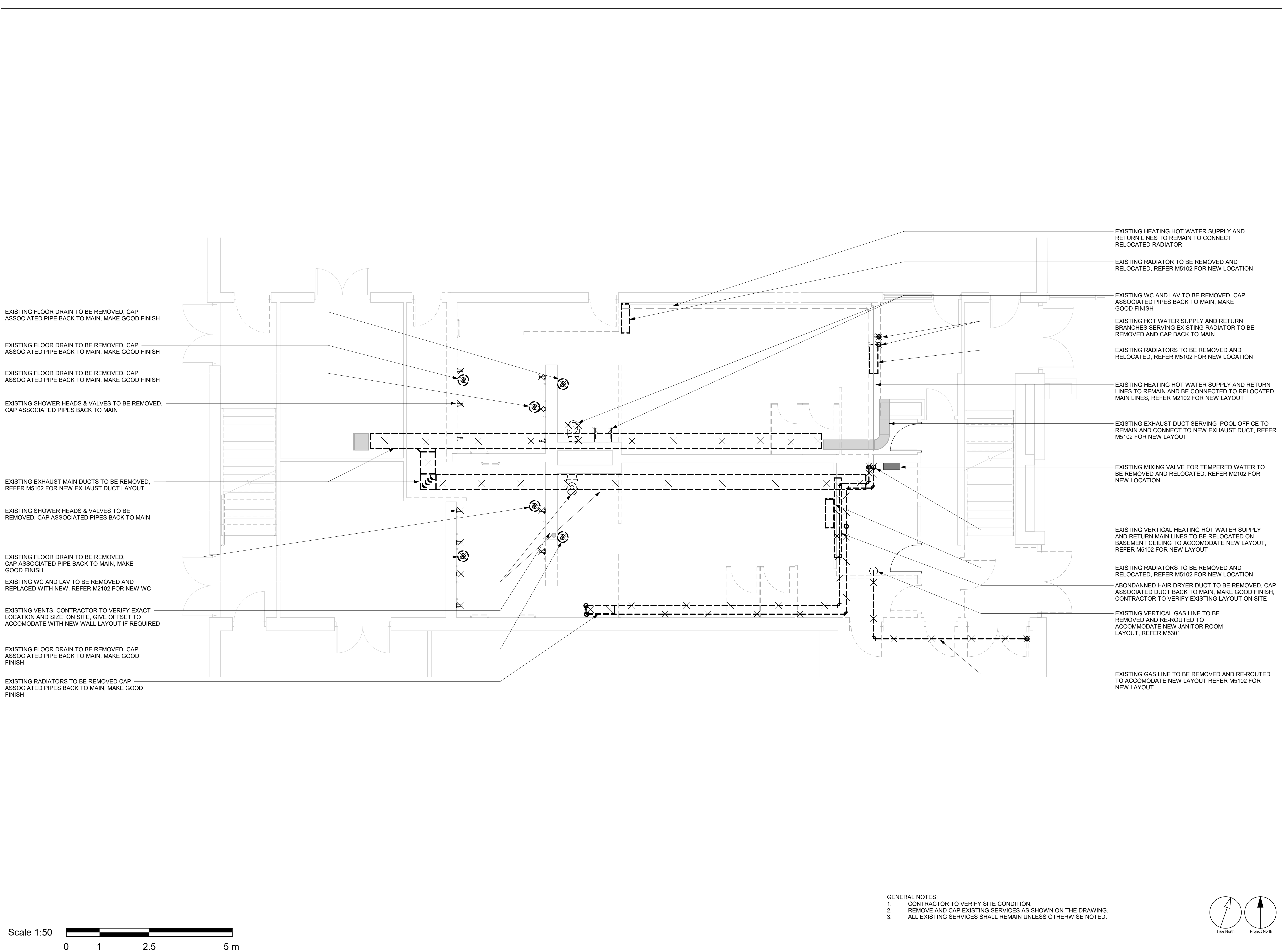
SHEET TITLE
**DEMOLITION PLAN -
SECOND FLOOR**

SHEET NUMBER G28-184-M1103	ISSUE 00
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BIM 360//122260 - CoT TAU Upgrades R2020122260-TAU-28-184-313PHRMCY-AM-R20.rvt

10mm

SCALE CHECK
1 m



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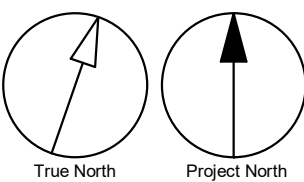
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DRAWN BY: K.DURUKAN	CHECKED BY: B.LIAO
PROJECT MGR: F.BOLOURIAN	APPROVED BY: S.LIU

SHEET TITLE

**DEMOLITION PLAN -
GROUND FLOOR
ENLARGED PLAN**

SHEET NUMBER	ISSUE
G28-184-M1301	00

- 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.



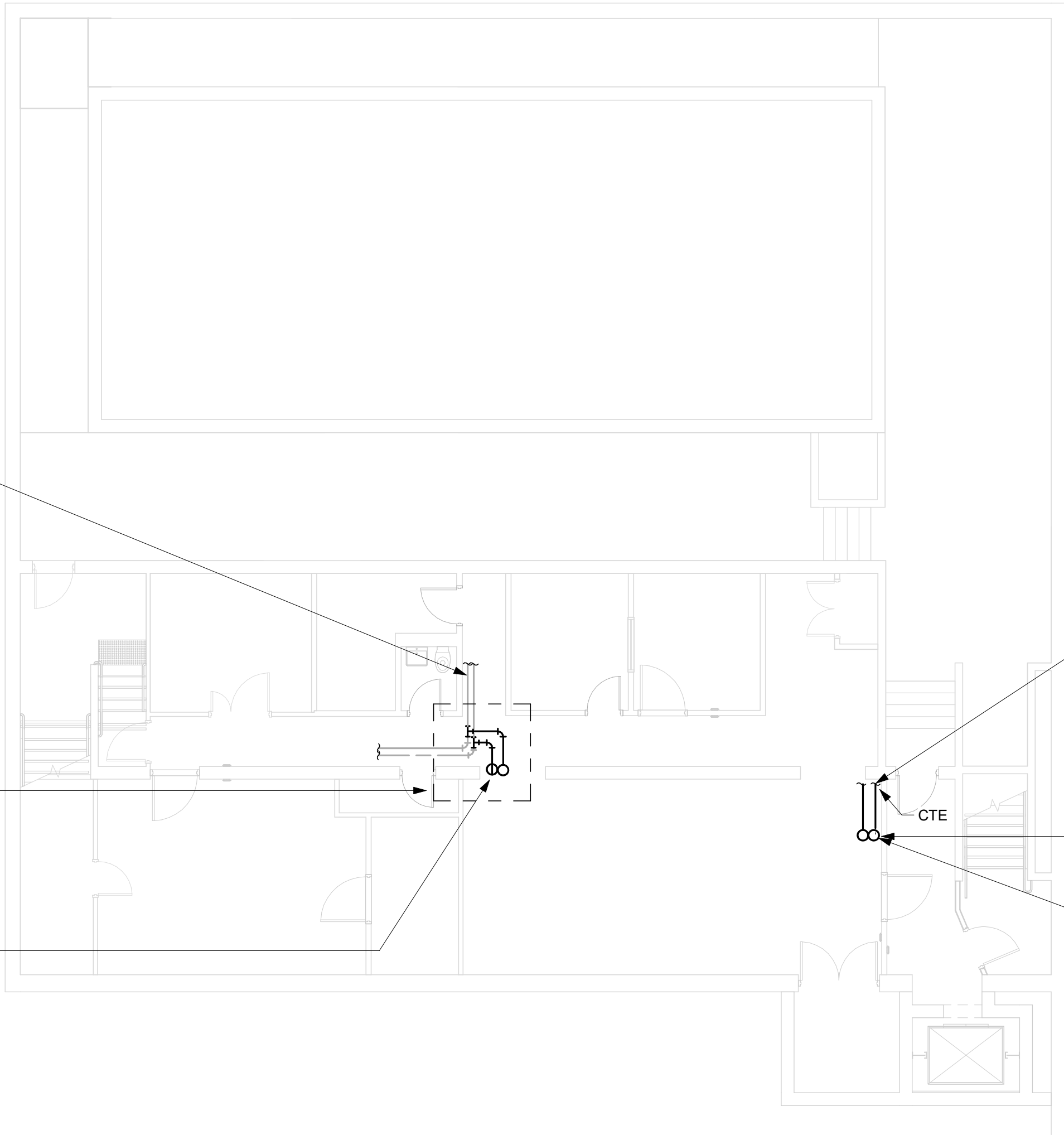
2023-03-06 11:40:57 AM



EXISTING 500 DCW AND 320 DHW MAIN LINES
ON BASEMENT CEILING AS PER BUILDING DWG.
CONTRACTOR TO VERIFY EXACT LOCATION
AND SIZE ON SITE

CONTRACTOR TO VERIFY EXISTING MECHANICAL
SERVICES, RE-ROUTE / MODIFY EXISTING
SERVICES IF REQUIRED

PROVIDE NEW 500 DCW LINE AND 320 DHW LINE CONNECT
FROM MAIN LINES IN BASEMENT CEILING, REFER, M2102
FOR NEW LAYOUT

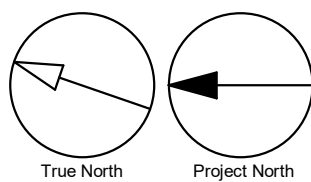


EXISTING DCW AND DHW MAIN LINES AS PER
BUILDING DWG, CONTRACTOR TO VERIFY
EXACT LOCATION AND SIZE ON SITE

UP TO TEMPERED WATER MIXING VALVE,
MATCH NEW LINES SIZES WITH EXISTING,
REFER M2102

UP TO NEW JANITORS ROOM, MATCH NEW
LINES SIZES WITH EXISTING, REFER M2102

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



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PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**West Scarborough
Community Centre
313 Pharmacy Ave.**

PROJECT NO:
122260

DRAWN BY:
K.DURUKAN

CHECKED BY:
B.LIAO

PROJECT MGR:
F.BOLOURIAN

APPROVED BY:
S.LIU

SHEET TITLE
PLUMBING - BASEMENT

SHEET NUMBER

G28-184-M2101

ISSUE

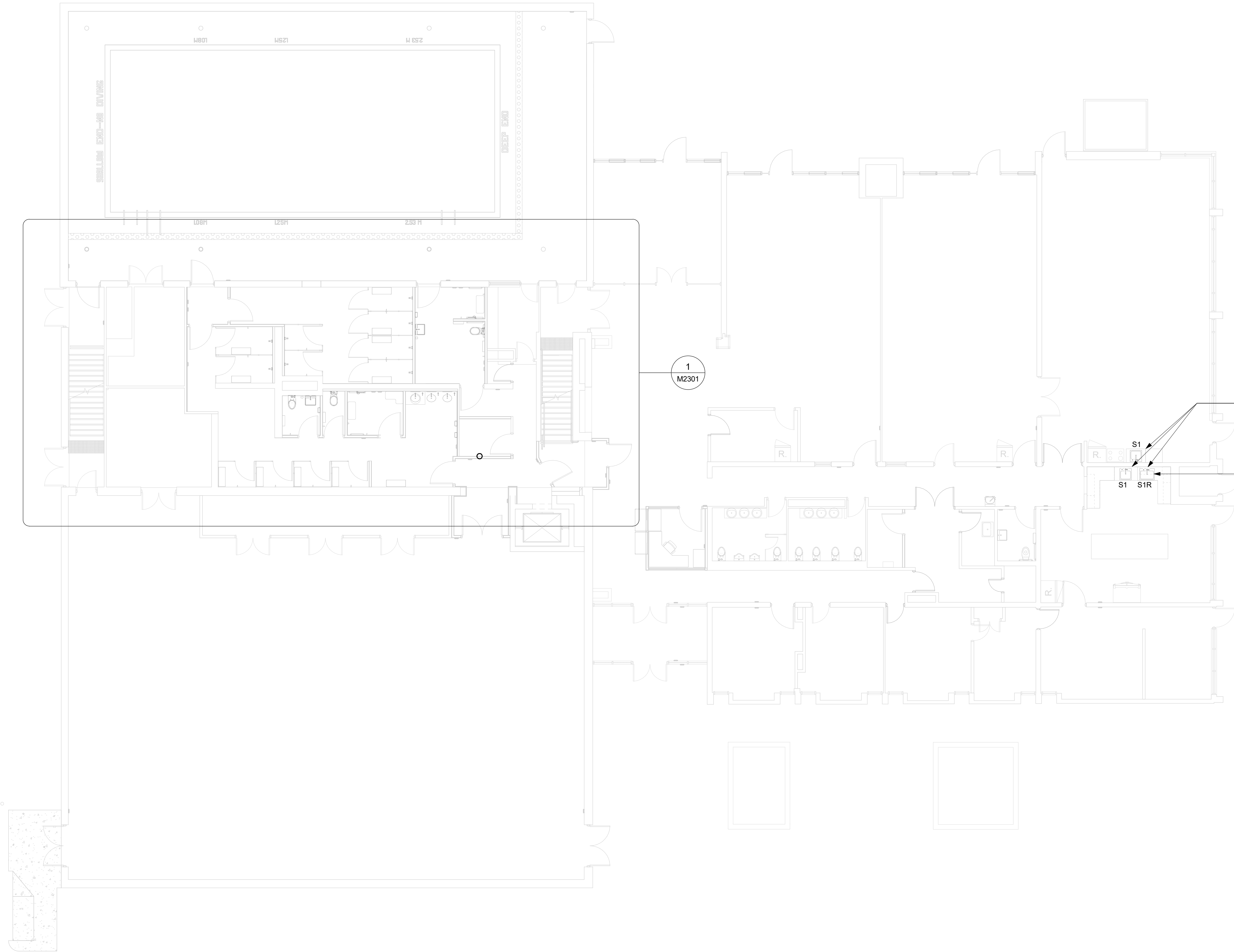
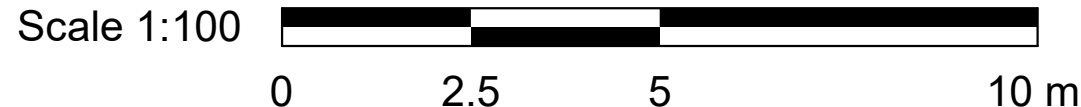
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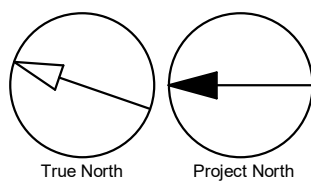
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SCALE CHECK
1 m

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1. REFER TO SPECIFICATIONS FOR PLUMBING FIXTURE UNIT TYPES.
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K.DURUKAN

CHECKED BY:

B.LIAO

PROJECT MGR:

F.BOLOURIAN

APPROVED BY:

S.LIU

SHEET TITLE

PLUMBING - GROUND
FLOOR

SHEET NUMBER

G28-184-M2102

ISSUE

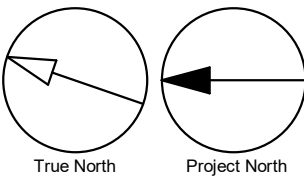
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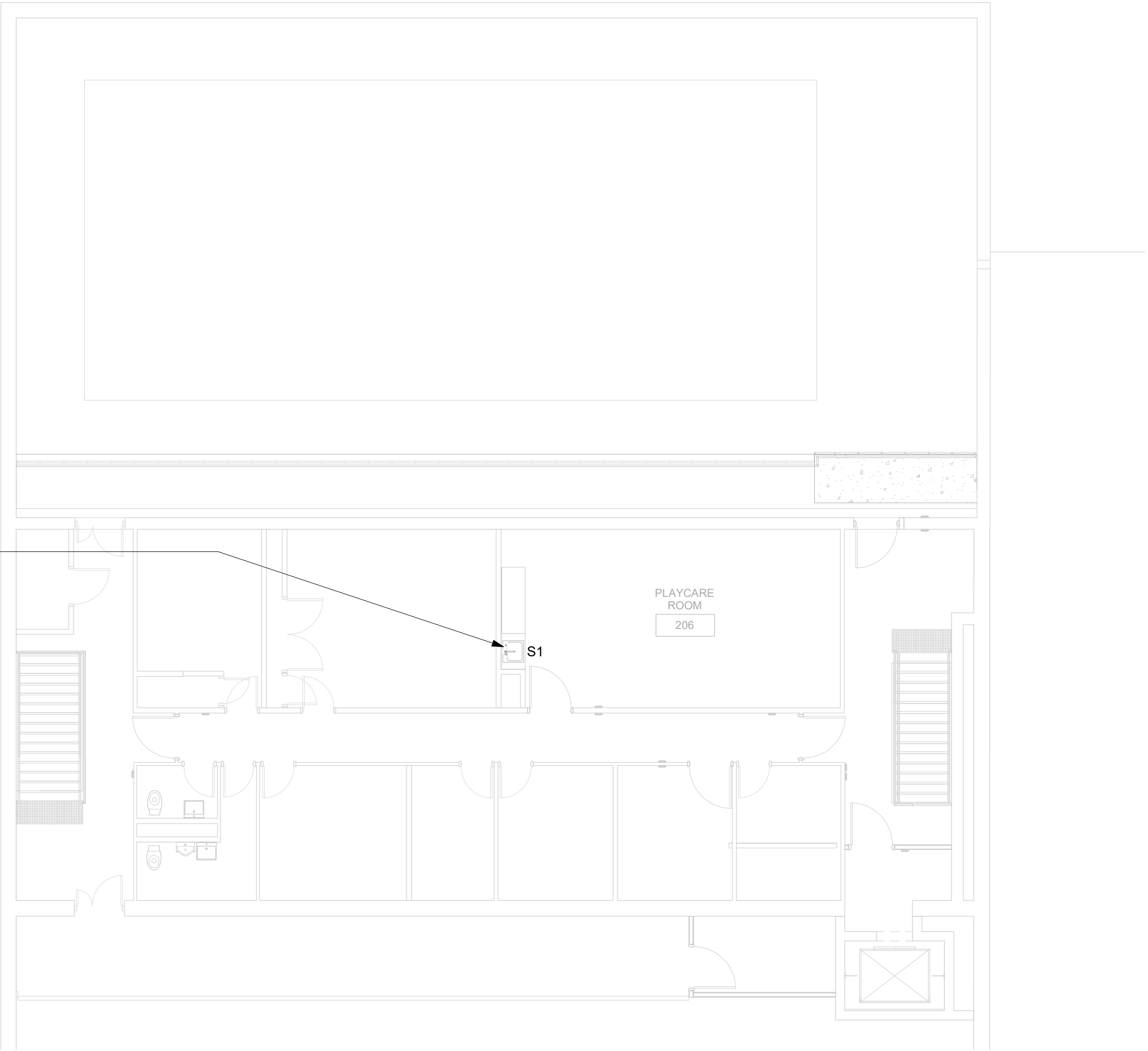
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- GENERAL NOTES:
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PROVIDE NEW SINK, CONNECT TO EXISTING DCW & DHW LINES. MODIFY EXISTING DCW & DHW LINES TO SUIT NEW LOCATION



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313 Pharmacy Ave.**

PROJECT NO:
122260

DRAWN BY:
K.DURUKAN

CHECKED BY:
B.LIAO

PROJECT MGR:
F.BOLOURIAN

APPROVED BY:
S.LIU

SHEET TITLE
**PLUMBING - SECOND
FLOOR**

SHEET NUMBER

G28-184-M2103

ISSUE

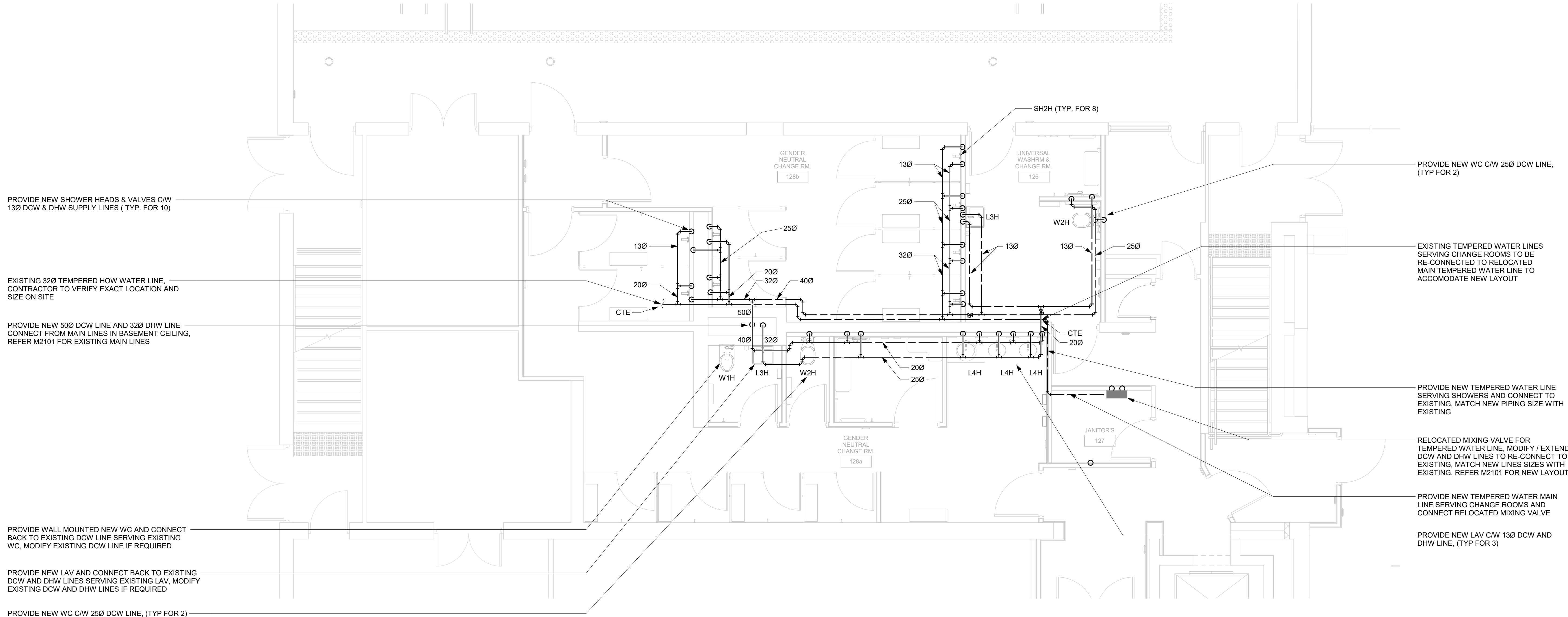
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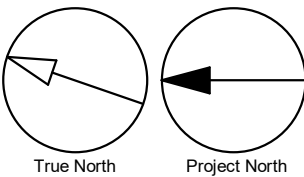
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SCALE CHECK
1 m

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Community Centre
313 Pharmacy 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 ENLARGED PLAN**

SHEET NUMBER G28-184-M2301	ISSUE 00
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BIW 380/1122260 - CoT TAU Upgrades R20201122260-TAU-28-184-313PHRM-CY-AM-R20.rvt 1/1m

EXISTING 1000 SAN LINE AS PER BUILDING DWG. CONTRACTOR TO VERIFY EXACT LOCATION, SIZE AND INVERT ON SITE

EXISTING 1000 SAN LINE AS PER BUILDING DWG. CONTRACTOR TO VERIFY EXACT LOCATION, SIZE AND INVERT ON SITE

EXISTING 750 SAN LINE AS PER BUILDING DWG. CONTRACTOR TO VERIFY EXACT LOCATION, SIZE AND INVERT ON SITE

EXISTING VENTS. CONTRACTOR TO VERIFY EXACT LOCATION AND SIZE ON SITE, GIVE OFFSET TO ACCOMMODATE WITH NEW WALL LAYOUT IF REQUIRED

MECHANICAL SERVICES ON BASEMENT CEILING. ADJUST / MODIFY EXISTING SERVICES TO ACCOMMODATE NEW WASHROOM MECHANICAL SERVICES LAYOUT IF REQUIRED

PROVIDE 1000 NEW SAN LINE, CONTRACTOR TO VERIFY EXACT LOCATION, SIZE AND INVERT ON SITE

PROVIDE NEW 1000 SAN LINE AND CONNECT TO EXISTING BURRIED 1000 SAN MAIN LINE. CONTRACTOR TO VERIFY EXACT LOCATION AND INVERT ON SITE

EXISTING 1000 SAN MAIN LINE AS PER BUILDING DWG. CONTRACTOR TO VERIFY EXACT LOCATION, SIZE AND INVERT ON SITE

PROVIDE 750 NEW SAN LINE CONNECT TO NEW 1000 SAN LINE

1000 SAN STACK DOWN TO BELOW FLOOR

PROVIDE 750 PUMPED SAN LINE AND CONNECT TO NEW 1000 SAN MAIN LINE. CONTRACTOR TO VERIFY EXACT LOCATION AND INVERT ON SITE

PROVIDE FIRE RATED WRAP AND FIRE SEAL FOR PIPING IN CORRIDOR

PROVIDE 750 VENT UP THROUGH ROOF

PROVIDE RUNNING TRAP WITH CLEANOUT IN PIT AT OUTLET

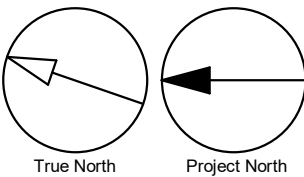
PROVIDE 1000 SAN LINE AND PIT DRAIN INTERATED BACKFLOW VALVE, WATTS BV-600 OR EQUAL

PROVIDE SUMP PIT 1200X1200X2520(DEPTH), WITH 50GPM DUPLEX LEAD-LAG PUMPS REFER TO DETAIL D3301-1

REMOVABLE GAS-TIGHT PIT COVER WITH INSPECTION PLATE & PIPE PENETRATION PLATE. REFER TO SPEC. COORDINATE ON SITE TO LOCATE PIPING / WIRING PENETRATION LAYOUT, MODEL MSU-GT OR EQUAL, SIZE TO MATCH STRUCATUAL OPENING

PROVIDE DUPLEX PUMP CONTROL PANEL WITH AUDIBLE & VISUAL ALARMS

- 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.



Scale 1:50

0 1 2.5 5 m

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Toronto

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Project Management Office
Metro Hall Toronto, ON
MSV 3C6

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CONSULTANTS

SEAL



PRIME CONSULTANT

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ibigroup.com

PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**West Scarborough
Community Centre
313 Pharmacy Ave.**

PROJECT NO:
122260

DRAWN BY:
K.DURUKAN

CHECKED BY:
B.LIAO

PROJECT MGR:
F.BOLOURIAN

APPROVED BY:
S.LIU

SHEET TITLE
DRAINAGE - BASEMENT

SHEET NUMBER

G28-184-M3101

ISSUE

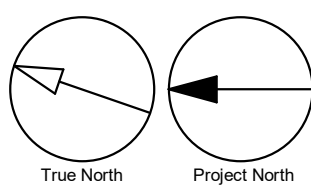
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2023-03-06 11:41:05 AM

Scale 1:100

0 2.5 5 10 m

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



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PROJECT TITLE

**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

**West Scarborough
Community Centre
313 Pharmacy Ave.**

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

G28-184-M3102

ISSUE

00

BIM 380/1122260 - CoT TAU Upgrades R2020122260-TAU-28-184-313PHRM-CY-AM-R20.v4

10mm

SCALE CHECK
1 m

PROVIDE NEW SINK, CONNECT TO EXISTING SAN LINE, MODIFY EXISTING SAN LINE TO SUIT NEW LOCATION

S1

PLAYCARE ROOM
206

AC-01

ELEV. CLOSET
202

AC CONDENSATE LINE TO BE CONNECTED FUNNEL DRAIN IN JANITOR ROOM, REFER M3102

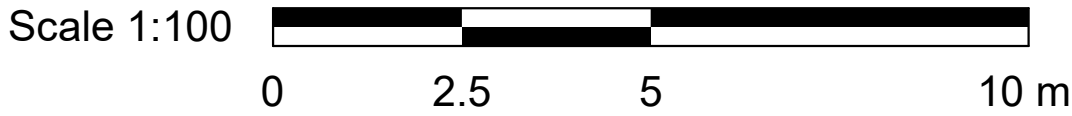
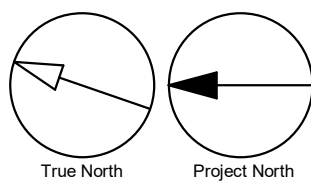
75Ø VENT FROM BELOW

PROVIDE FIRE SEAL FOR PIPING PENETRATING RATED WALLS

RUN PIPING AT HIGH LEVEL

75Ø VENT FROM UP TO ROOF

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



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PROJECT TITLE

**CITY OF TORONTO
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PROJECT ADDRESS

**West Scarborough
Community Centre
313 Pharmacy Ave.**

PROJECT NO:
122260

DRAWN BY:
K.DURUKAN

CHECKED BY:
B.LIAO

PROJECT MGR:
F.BOLOURIAN

APPROVED BY:
S.LIU

SHEET TITLE

**DRAINAGE - SECOND
FLOOR**

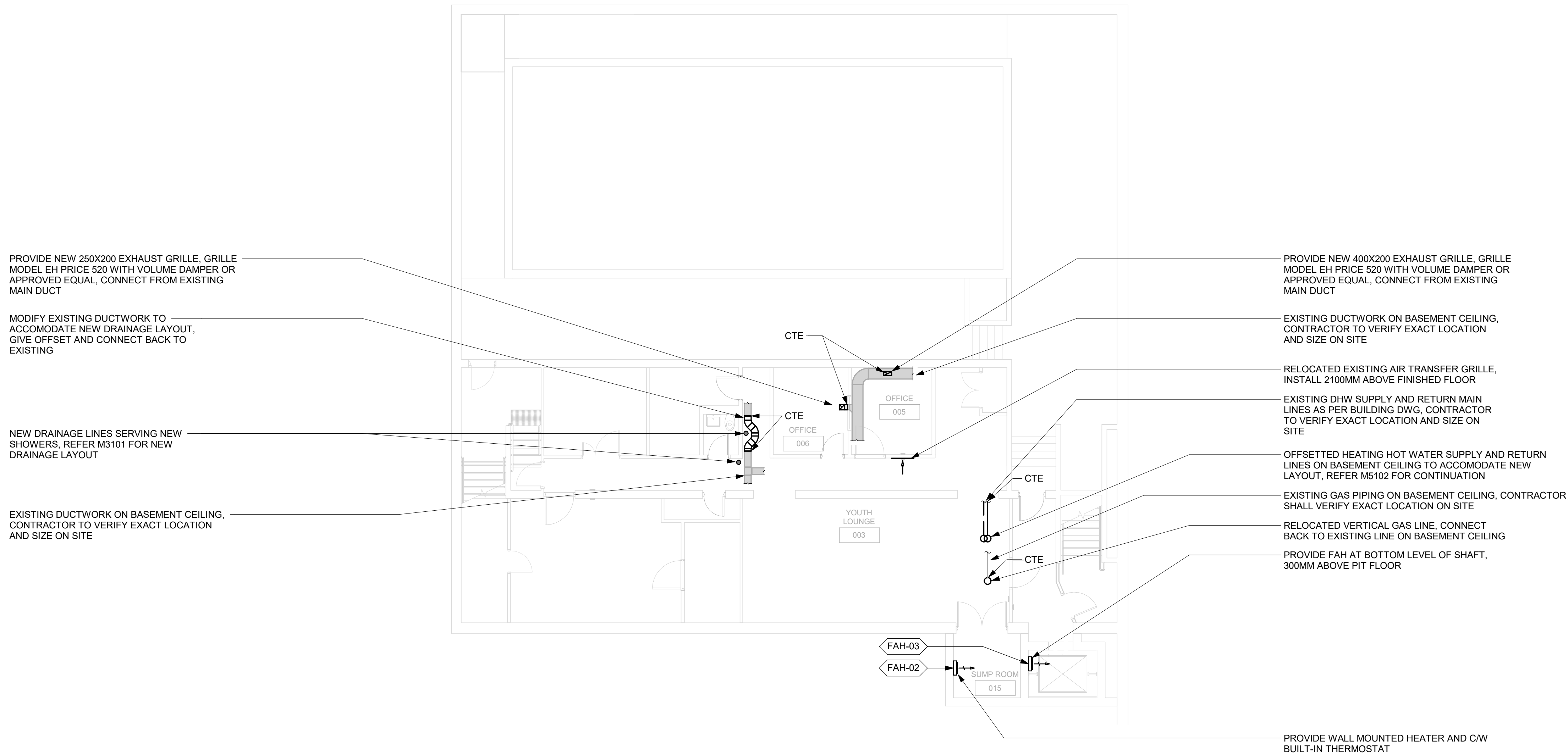
SHEET NUMBER

G28-184-M3103

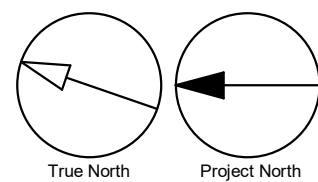
ISSUE

00

2023-03-06 11:41:06 AM




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



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PROJECT TITLE

CITY OF TORONTO
ACCESSIBILITY UPGRADES

PROJECT ADDRESS

West Scarborough
Community Centre
313 Pharmacy Ave.

PROJECT NO:
122260

DRAWN BY:
K.DURUKAN

CHECKED BY:
B.LIAO

PROJECT MGR:
F.BOLOURIAN

APPROVED BY:
S.LIU

SHEET TITLE

HVAC - BASEMENT

SHEET NUMBER

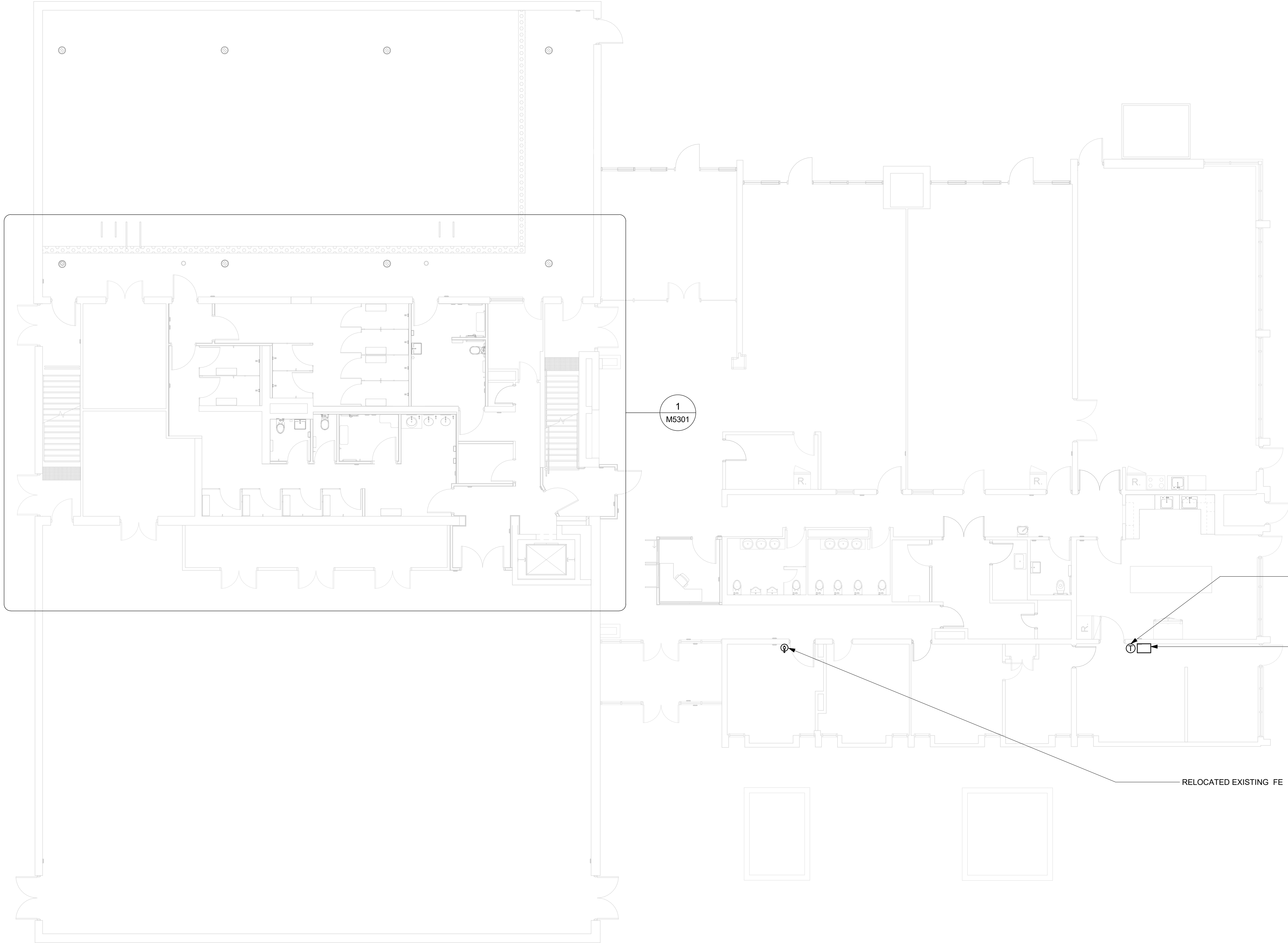
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ISSUE

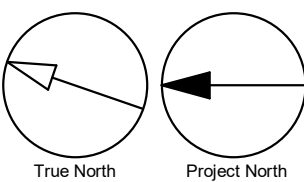
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BIM 380/122260 - CoT TAU Upgrades R2020122260-TAU-28-184-313PHRMCY-AM-R20.rvt 1/1m

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



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PROJECT TITLE
**CITY OF TORONTO
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PROJECT ADDRESS
**West Scarborough
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PROJECT NO:
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DRAWN BY: K.DURUKAN	CHECKED BY: B.LIAO
PROJECT MGR: F.BOLOURIAN	APPROVED BY: S.LIU

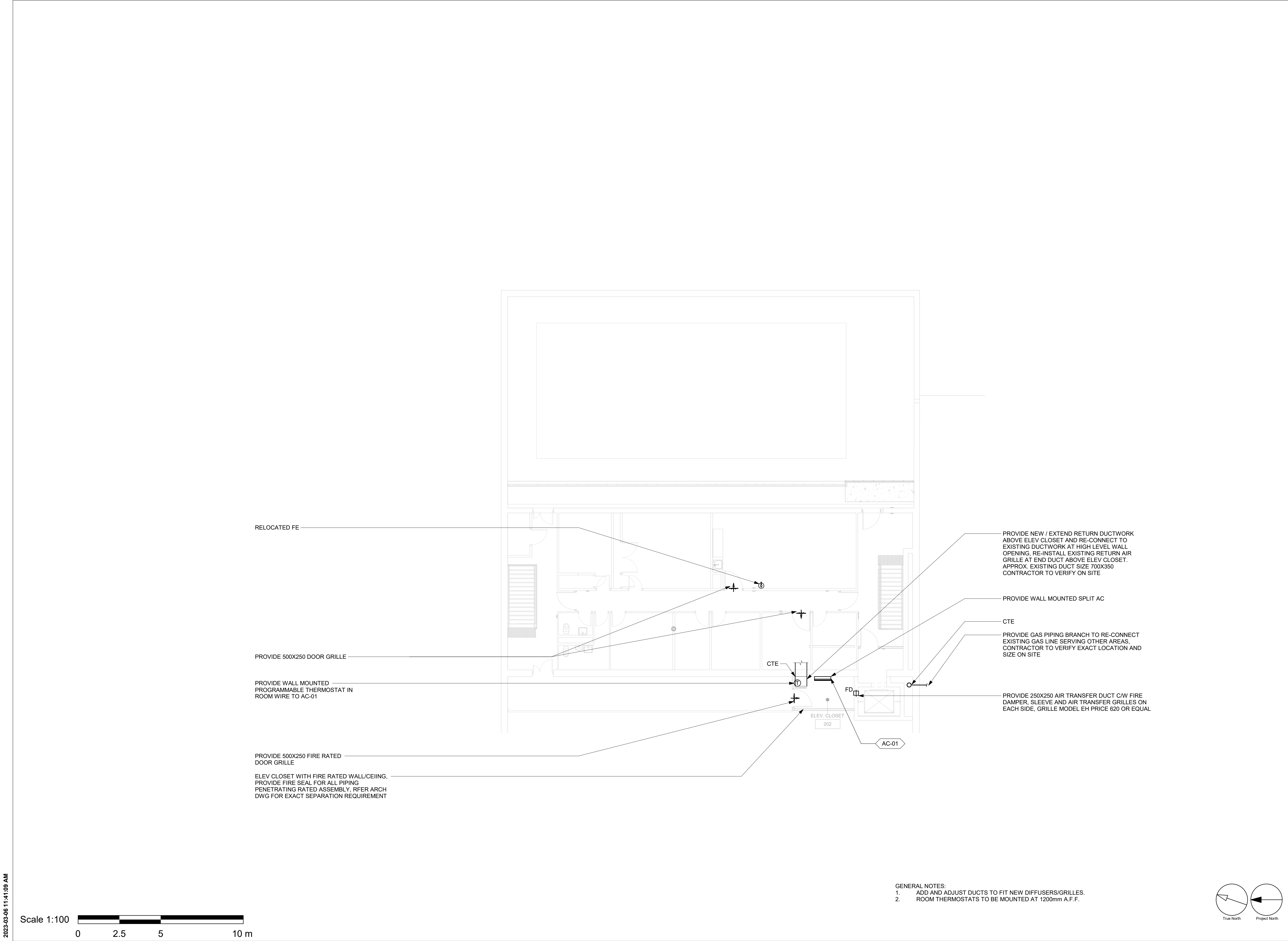
SHEET TITLE
HVAC - GROUND FLOOR

SHEET NUMBER G28-184-M5102	ISSUE 00
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BIM 380/122260 - CoT TAU Upgrades R2020122260-TAU-28-184-313PHRMCY-AM-R20.rvt

10mm

SCALE CHECK
1 m



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PROJECT TITLE

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PROJECT ADDRESS

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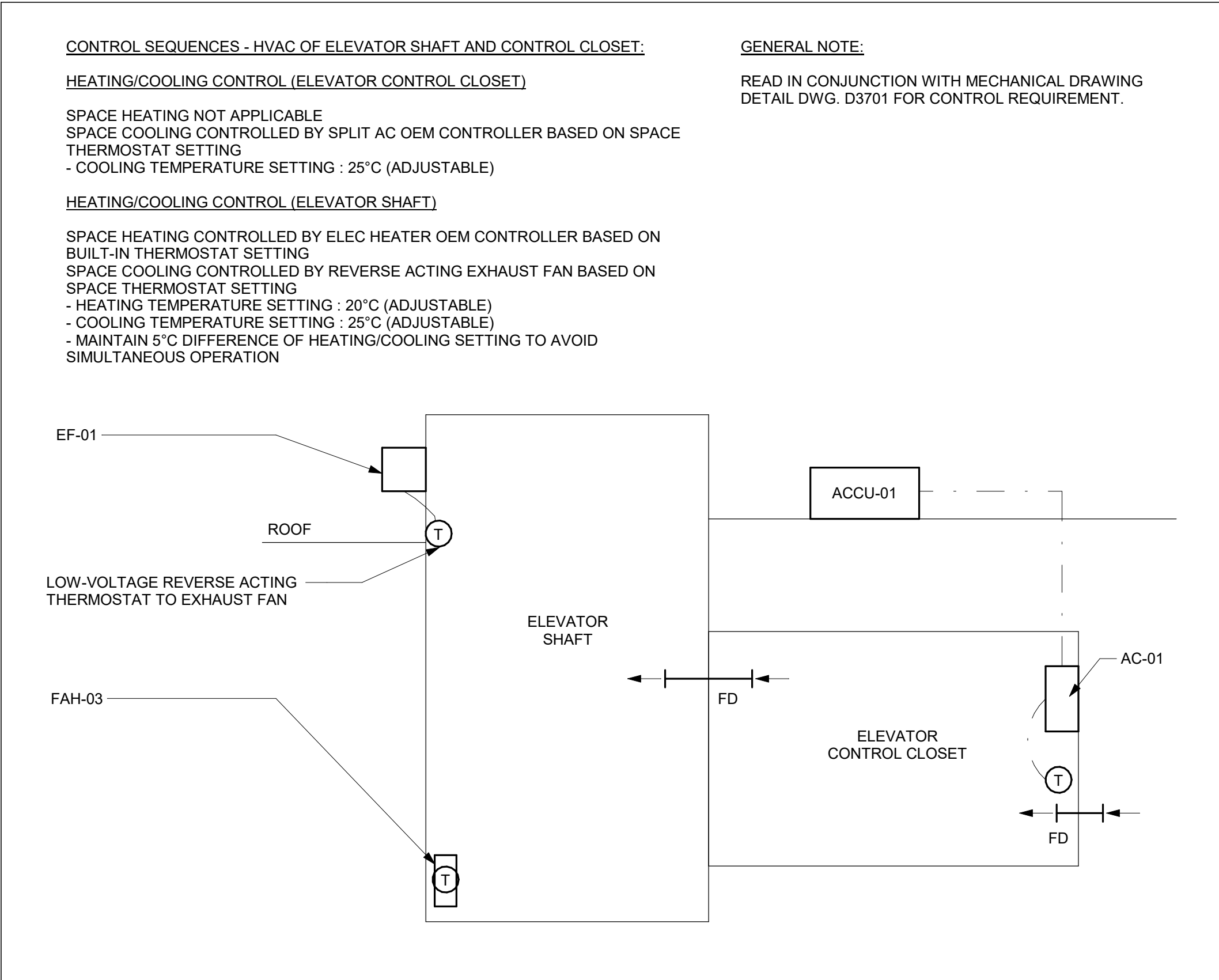
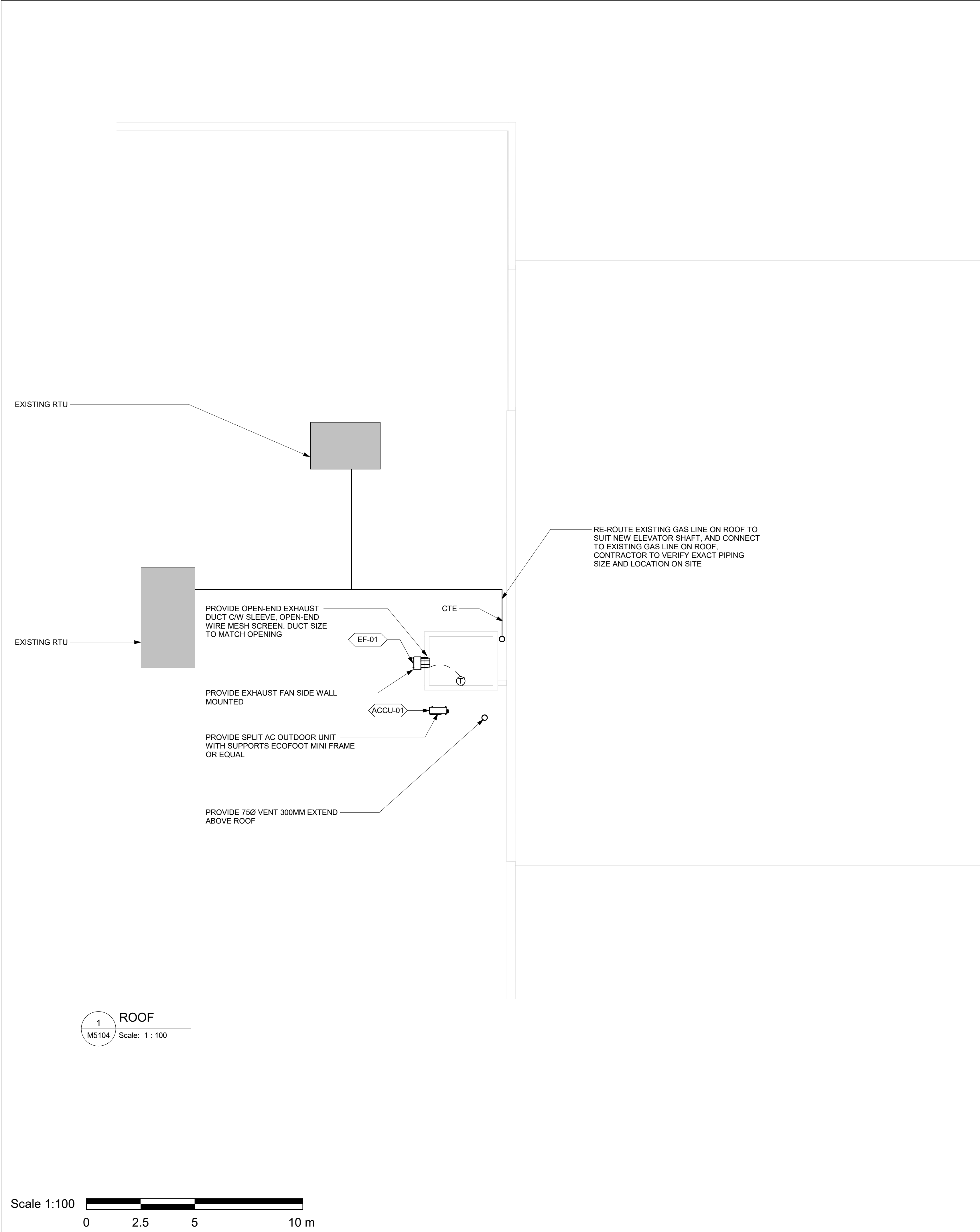
PROJECT NO:
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DRAWN BY: K.DURUKAN	CHECKED BY: B.LIAO
PROJECT MGR: F.BOLOURIAN	APPROVED BY: S.LIU

SHEET TITLE

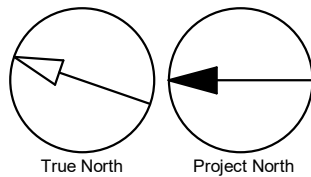
HVAC - SECOND FLOOR

SHEET NUMBER	ISSUE
G28-184-M5103	00



ELEVATOR SHAFT AND CONTROL ROOM CONTROL SCHEMATIC

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



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PROJECT MGR:
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APPROVED BY:
S.LIU

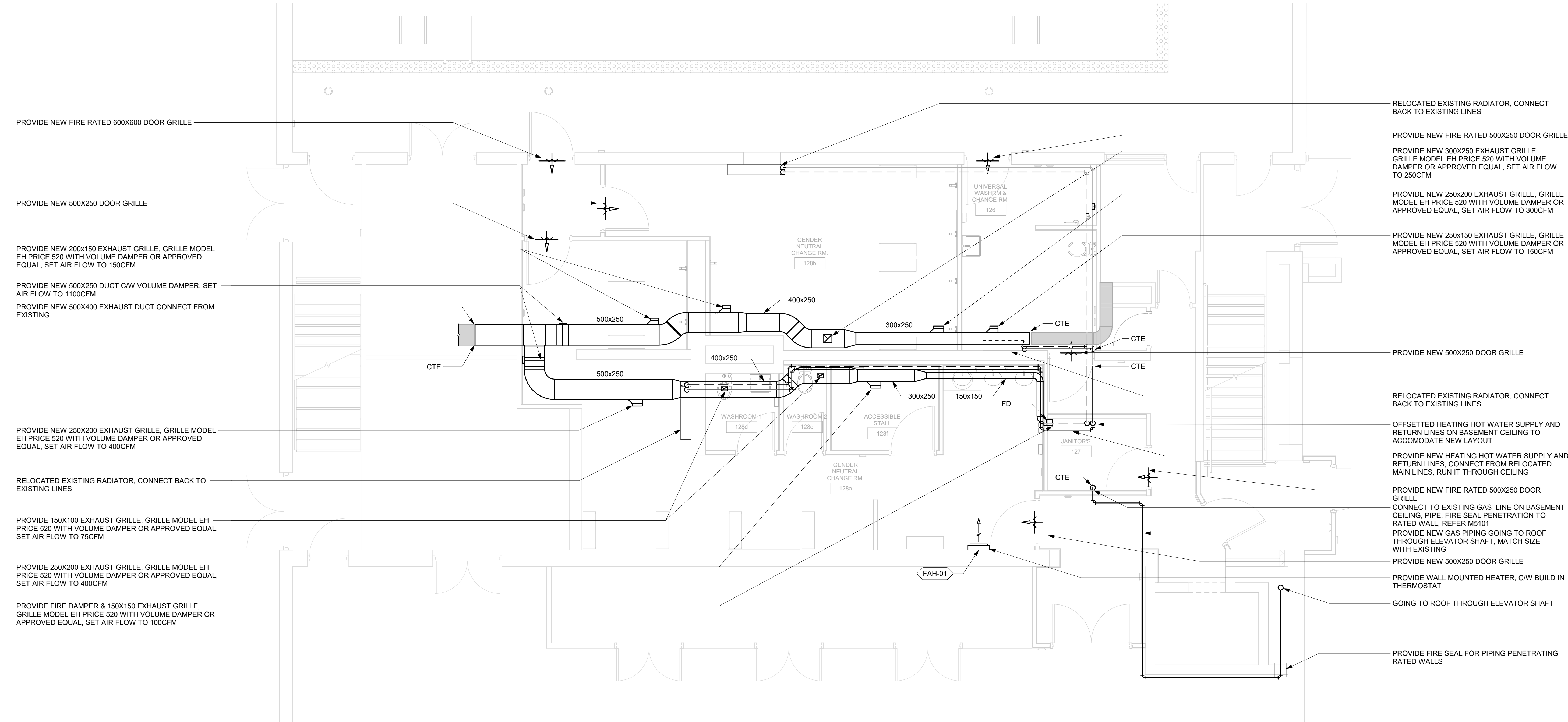
SHEET TITLE
HVAC - ROOF PLAN

SHEET NUMBER

G28-184-M5104

ISSUE

00



PROVIDE NEW FIRE RATED 600X600 DOOR GRILLE

PROVIDE NEW 500X250 DOOR GRILLE

PROVIDE NEW 200X150 EXHAUST GRILLE, GRILLE MODEL EH PRICE 520 WITH VOLUME DAMPER OR APPROVED EQUAL, SET AIR FLOW TO 150CFM

PROVIDE NEW 500X250 DUCT C/W VOLUME DAMPER, SET AIR FLOW TO 1100CFM
PROVIDE NEW 500X400 EXHAUST DUCT CONNECT FROM EXISTING

PROVIDE NEW 250X200 EXHAUST GRILLE, GRILLE MODEL EH PRICE 520 WITH VOLUME DAMPER OR APPROVED EQUAL, SET AIR FLOW TO 400CFM

RELOCATED EXISTING RADIATOR, CONNECT BACK TO EXISTING LINES

PROVIDE 150X100 EXHAUST GRILLE, GRILLE MODEL EH PRICE 520 WITH VOLUME DAMPER OR APPROVED EQUAL, SET AIR FLOW TO 75CFM

PROVIDE 250X200 EXHAUST GRILLE, GRILLE MODEL EH PRICE 520 WITH VOLUME DAMPER OR APPROVED EQUAL, SET AIR FLOW TO 400CFM

PROVIDE FIRE DAMPER & 150X150 EXHAUST GRILLE, GRILLE MODEL EH PRICE 520 WITH VOLUME DAMPER OR APPROVED EQUAL, SET AIR FLOW TO 100CFM

RELOCATED EXISTING RADIATOR, CONNECT BACK TO EXISTING LINES

PROVIDE NEW FIRE RATED 500X250 DOOR GRILLE

PROVIDE NEW 300X250 EXHAUST GRILLE, GRILLE MODEL EH PRICE 520 WITH VOLUME DAMPER OR APPROVED EQUAL, SET AIR FLOW TO 250CFM

PROVIDE NEW 250X200 EXHAUST GRILLE, GRILLE MODEL EH PRICE 520 WITH VOLUME DAMPER OR APPROVED EQUAL, SET AIR FLOW TO 300CFM

PROVIDE NEW 250X150 EXHAUST GRILLE, GRILLE MODEL EH PRICE 520 WITH VOLUME DAMPER OR APPROVED EQUAL, SET AIR FLOW TO 150CFM

PROVIDE NEW 500X250 DOOR GRILLE

RELOCATED EXISTING RADIATOR, CONNECT BACK TO EXISTING LINES

OFFSETTED HEATING HOT WATER SUPPLY AND RETURN LINES ON BASEMENT CEILING TO ACCOMMODATE NEW LAYOUT

PROVIDE NEW HEATING HOT WATER SUPPLY AND RETURN LINES, CONNECT FROM RELOCATED MAIN LINES, RUN IT THROUGH CEILING

PROVIDE NEW FIRE RATED 500X250 DOOR GRILLE
CONNECT TO EXISTING GAS LINE ON BASEMENT CEILING, PIPE, FIRE SEAL PENETRATION TO RATED WALL, REFER M5101

PROVIDE NEW GAS PIPING GOING TO ROOF THROUGH ELEVATOR SHAFT, MATCH SIZE WITH EXISTING

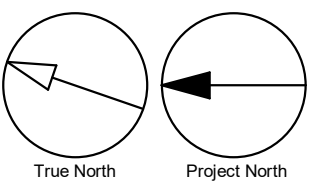
PROVIDE NEW 500X250 DOOR GRILLE

PROVIDE WALL MOUNTED HEATER, C/W BUILD IN THERMOSTAT

GOING TO ROOF THROUGH ELEVATOR SHAFT

PROVIDE FIRE SEAL FOR PIPING PENETRATING RATED WALLS

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



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CITY OF TORONTO


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Project Management Office
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PROJECT TITLE

**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS

**West Scarborough
Community Centre
313 Pharmacy Ave.**

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

SHEET TITLE

**HVAC - GROUND FLOOR
ENLARGED PLAN**

SHEET NUMBER	ISSUE
G28-184-M5301	00