

CLIENT

CITY OF TORONTO

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

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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

CONSULTANTS

SEAL

PRIME CONSULTANT



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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 D
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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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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			FAN				ELECTRICAL			DIMENSIONS			WEIGHT (KG)	INTERLOCK UNIT NO.	NOTES
TAG NO.	SERVICE	MANUFACTURER/ MODEL NO.	COOLING CAPACITY KW	CAPACITY (LPS)	MOTOR POWER (W)	REFRIGERANT TYPE	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	

CONSULTANTS

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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
 PROJECT MGR:
F.BOLOURIAN
 SHEET TITLE
EQUIPMENT SCHEDULE

CHECKED BY:
B.LIAO
 APPROVED BY:
S.LIU

SHEET NUMBER
G28-184-M0201
 ISSUE
D

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PROJECT TITLE
**CITY OF TORONTO
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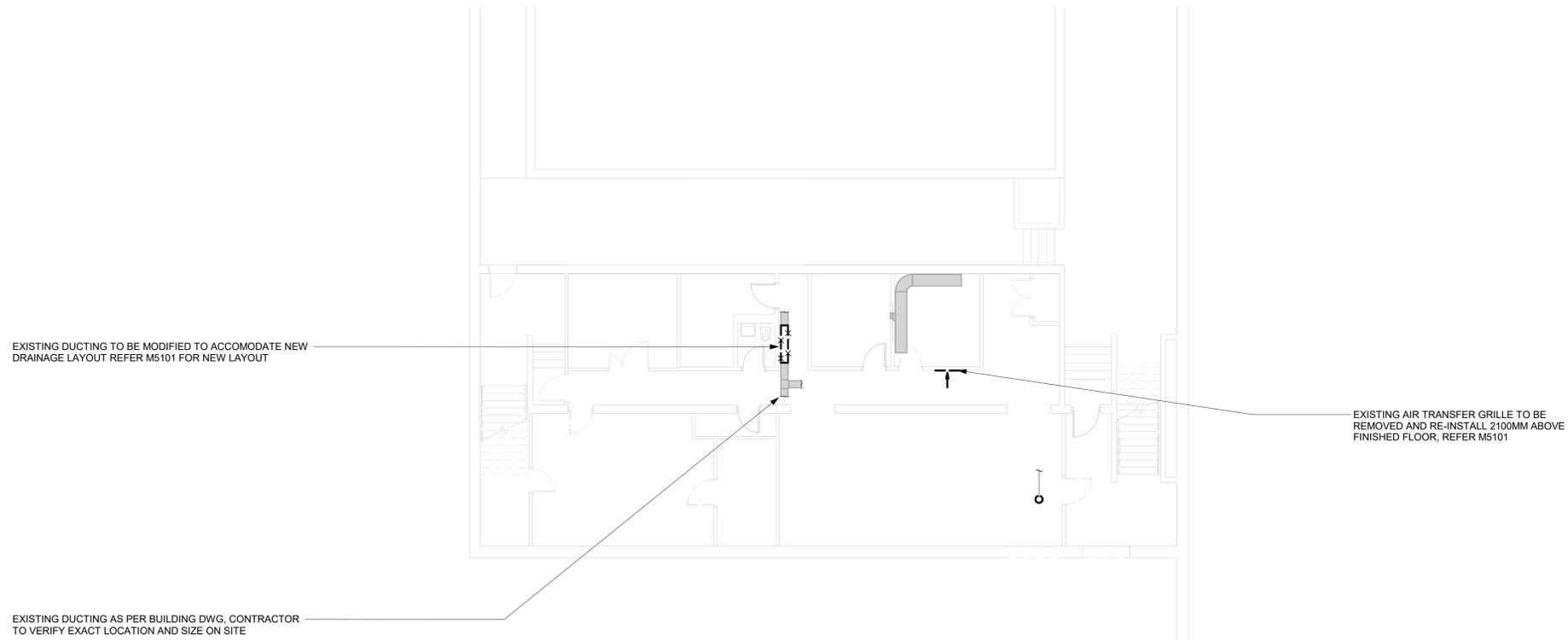
PROJECT ADDRESS
**West Scarborough
 Community Centre
 313 Pharmacy Ave.**

PROJECT NO:
122260

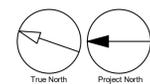
DRAWN BY: K.DURUKAN	CHECKED BY: B.LIAO
PROJECT MGR: F.BOLOURIAN	APPROVED BY: S.LIU

SHEET TITLE
**DEMOLITION PLAN -
 BASEMENT**

SHEET NUMBER G28-184-M1101	ISSUE D
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- GENERAL NOTES:
- CONTRACTOR TO VERIFY SITE CONDITION.
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PROJECT TITLE
**CITY OF TORONTO
 ACCESSIBILITY UPGRADES**

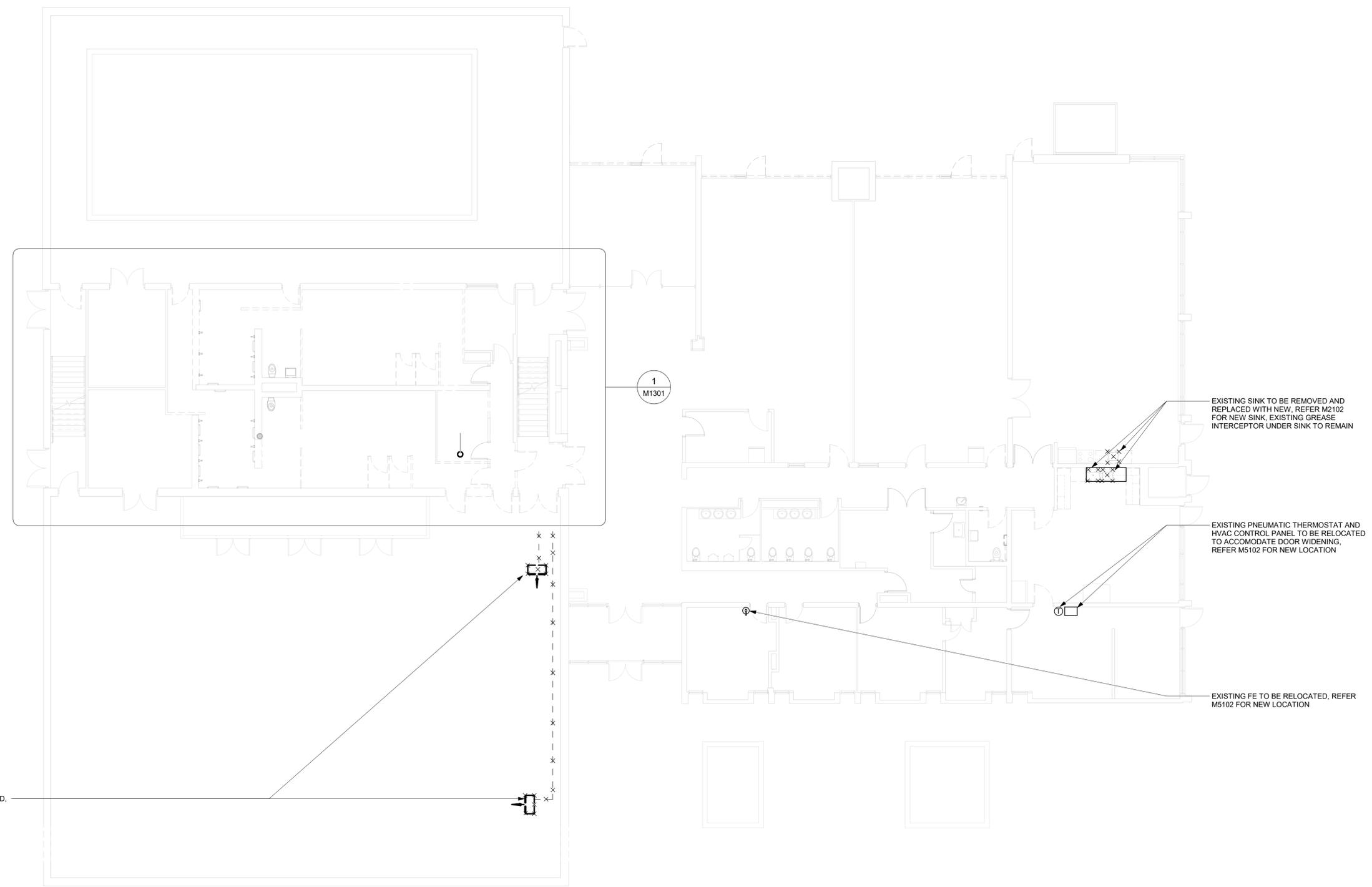
PROJECT ADDRESS
**West Scarborough
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 313 Pharmacy Ave.**

PROJECT NO:
122260

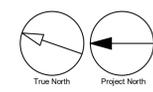
DRAWN BY: K.DURUKAN	CHECKED BY: B.LIAO
PROJECT MGR: F.BOLOURIAN	APPROVED BY: S.LIU

SHEET TITLE
**DEMOLITION PLAN -
 GROUND FLOOR**

SHEET NUMBER G28-184-M1102	ISSUE D
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- 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.



2023-01-31 1:52:23 PM

BIM 380/122260 - CoT TAU Upgrades R2020122260-TAU-28-184-313PHRWCY-AR-020.rvt
 1/11

ISSUES

No.	DESCRIPTION	DATE
A	50% SUBMISSION	2021-09-23
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PROJECT TITLE
 CITY OF TORONTO
 ACCESSIBILITY UPGRADES

PROJECT ADDRESS
 West Scarborough
 Community Centre
 313 Pharmacy Ave.

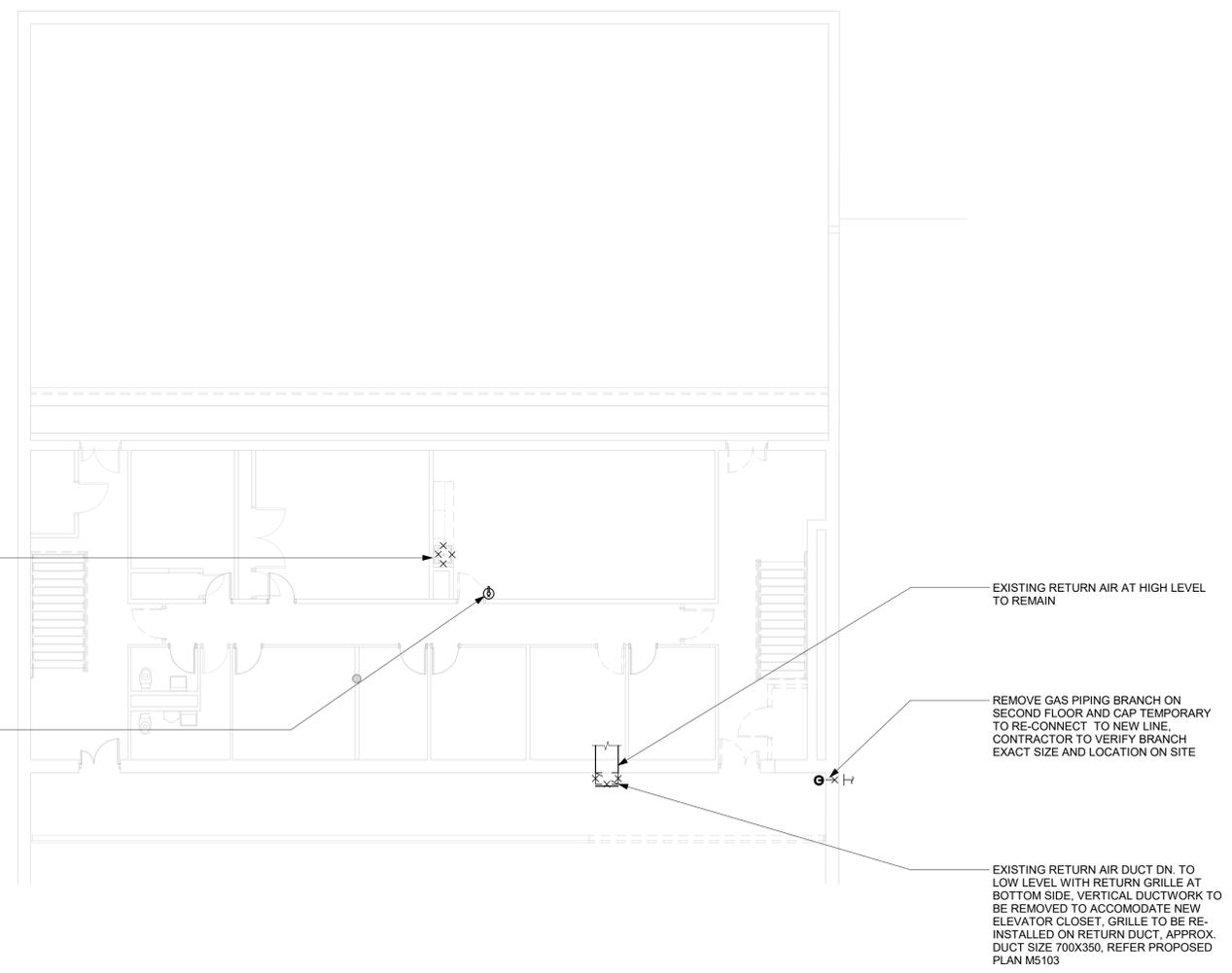
PROJECT NO:
 122260

DRAWN BY: K.DURUKAN **CHECKED BY:** B.LIAO

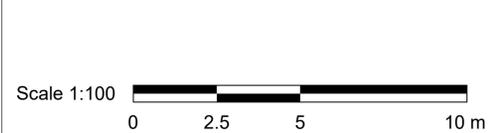
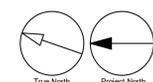
PROJECT MGR: F.BOLOURIAN **APPROVED BY:** S.LIU

SHEET TITLE
 DEMOLITION PLAN -
 SECOND FLOOR

SHEET NUMBER
 G28-184-M1103 **ISSUE**
 D



- GENERAL NOTES:**
- CONTRACTOR TO VERIFY SITE CONDITION.
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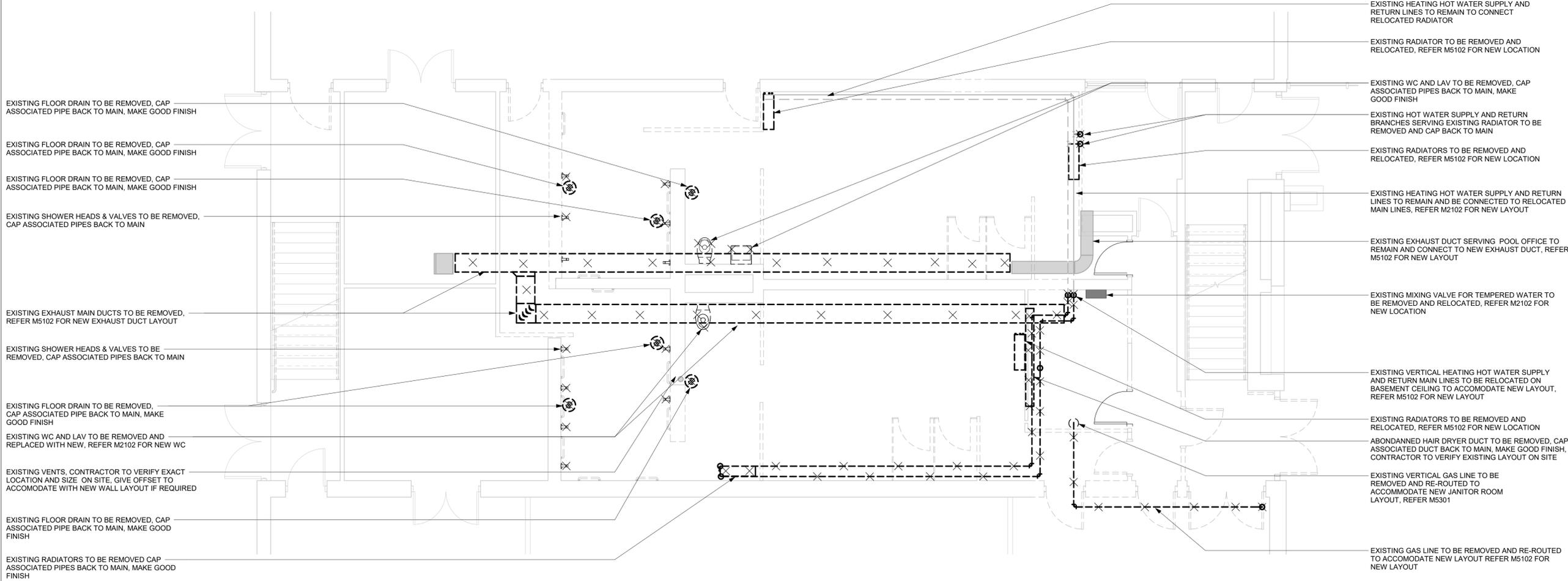


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D.	ISSUED FOR TENDER	2022-11-01
E.	ADDENDUM-01	2022-11-07



EXISTING FLOOR DRAIN TO BE REMOVED, CAP ASSOCIATED PIPE BACK TO MAIN, MAKE GOOD FINISH

EXISTING FLOOR DRAIN TO BE REMOVED, CAP ASSOCIATED PIPE BACK TO MAIN, MAKE GOOD FINISH

EXISTING FLOOR DRAIN TO BE REMOVED, CAP ASSOCIATED PIPE BACK TO MAIN, MAKE GOOD FINISH

EXISTING SHOWER HEADS & VALVES TO BE REMOVED, CAP ASSOCIATED PIPES BACK TO MAIN

EXISTING EXHAUST MAIN DUCTS TO BE REMOVED, REFER M5102 FOR NEW EXHAUST DUCT LAYOUT

EXISTING SHOWER HEADS & VALVES TO BE REMOVED, CAP ASSOCIATED PIPES BACK TO MAIN

EXISTING FLOOR DRAIN TO BE REMOVED, CAP ASSOCIATED PIPE BACK TO MAIN, MAKE GOOD FINISH

EXISTING WC AND LAV TO BE REMOVED AND REPLACED WITH NEW, REFER M2102 FOR NEW WC

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

EXISTING FLOOR DRAIN TO BE REMOVED, CAP ASSOCIATED PIPE BACK TO MAIN, MAKE GOOD FINISH

EXISTING RADIATORS TO BE REMOVED CAP ASSOCIATED PIPES BACK TO MAIN, MAKE GOOD FINISH

EXISTING HEATING HOT WATER SUPPLY AND RETURN LINES TO REMAIN TO CONNECT RELOCATED RADIATOR

EXISTING RADIATOR TO BE REMOVED AND RELOCATED, REFER M5102 FOR NEW LOCATION

EXISTING WC AND LAV TO BE REMOVED, CAP ASSOCIATED PIPES BACK TO MAIN, MAKE GOOD FINISH

EXISTING HOT WATER SUPPLY AND RETURN BRANCHES SERVING EXISTING RADIATOR TO BE REMOVED AND CAP BACK TO MAIN

EXISTING RADIATORS TO BE REMOVED AND RELOCATED, REFER M5102 FOR NEW LOCATION

EXISTING HEATING HOT WATER SUPPLY AND RETURN LINES TO REMAIN AND BE CONNECTED TO RELOCATED MAIN LINES, REFER M2102 FOR NEW LAYOUT

EXISTING EXHAUST DUCT SERVING POOL OFFICE TO REMAIN AND CONNECT TO NEW EXHAUST DUCT, REFER M5102 FOR NEW LAYOUT

EXISTING MIXING VALVE FOR TEMPERED WATER TO BE REMOVED AND RELOCATED, REFER M2102 FOR NEW LOCATION

EXISTING VERTICAL HEATING HOT WATER SUPPLY AND RETURN MAIN LINES TO BE RELOCATED ON BASEMENT CEILING TO ACCOMMODATE NEW LAYOUT, REFER M5102 FOR NEW LAYOUT

EXISTING RADIATORS TO BE REMOVED AND RELOCATED, REFER M5102 FOR NEW LOCATION

ABANDONED HAIR DRYER DUCT TO BE REMOVED, CAP ASSOCIATED DUCT BACK TO MAIN, MAKE GOOD FINISH, CONTRACTOR TO VERIFY EXISTING LAYOUT ON SITE

EXISTING VERTICAL GAS LINE TO BE REMOVED AND RE-ROUTED TO ACCOMMODATE NEW JANITOR ROOM LAYOUT, REFER M5301

EXISTING GAS LINE TO BE REMOVED AND RE-ROUTED TO ACCOMMODATE NEW LAYOUT REFER M5102 FOR NEW LAYOUT

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PROJECT TITLE
**CITY OF TORONTO
 ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**West Scarborough
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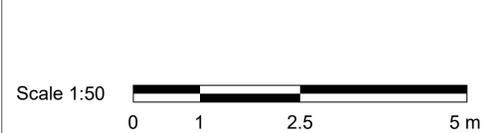
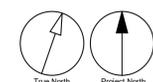
PROJECT NO:
 122260

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

SHEET TITLE
**DEMOLITION PLAN -
 GROUND FLOOR
 ENLARGED PLAN**

SHEET NUMBER G28-184-M1301	ISSUE E
--------------------------------------	-------------------

- GENERAL NOTES:**
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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** D

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

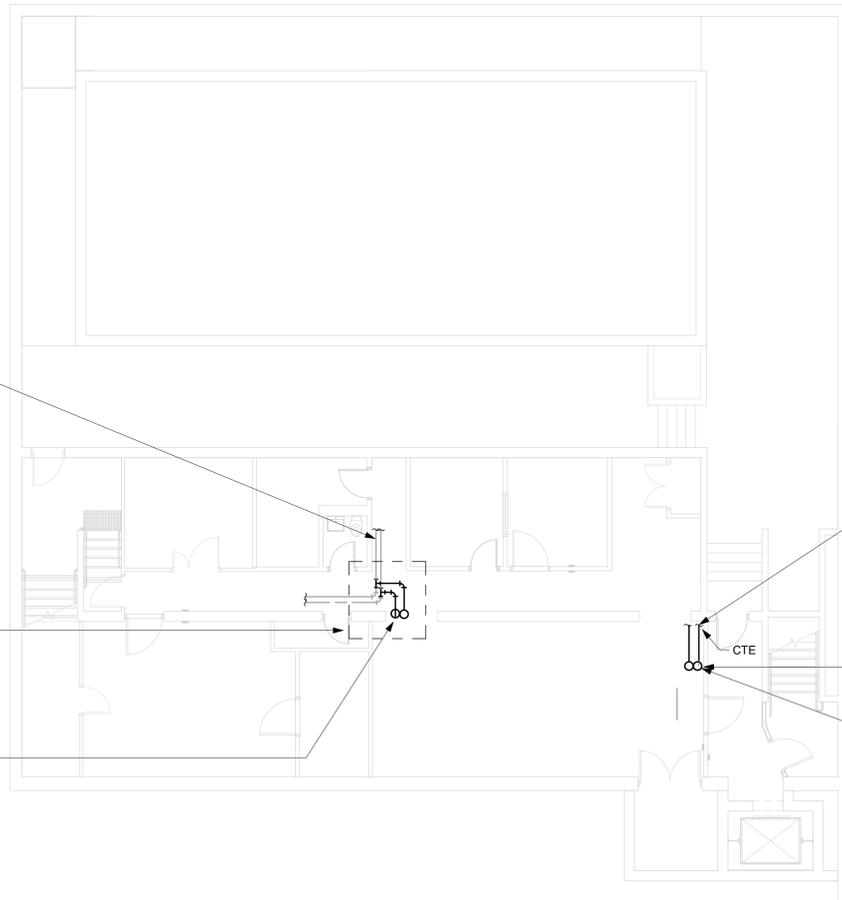
CONTRACTOR TO VERIFY EXISTING MECHANICAL SERVICES, RE-ROUTE / MODIFY EXISTING SERVICES IF REQUIRED

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

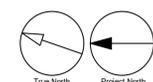
EXISTING DCW AND DHW MAIN LINES AS PER BUILDING DWG, CONTRACTOR TO VERIFY EXACT LOCATION AND SIZE ON SITE

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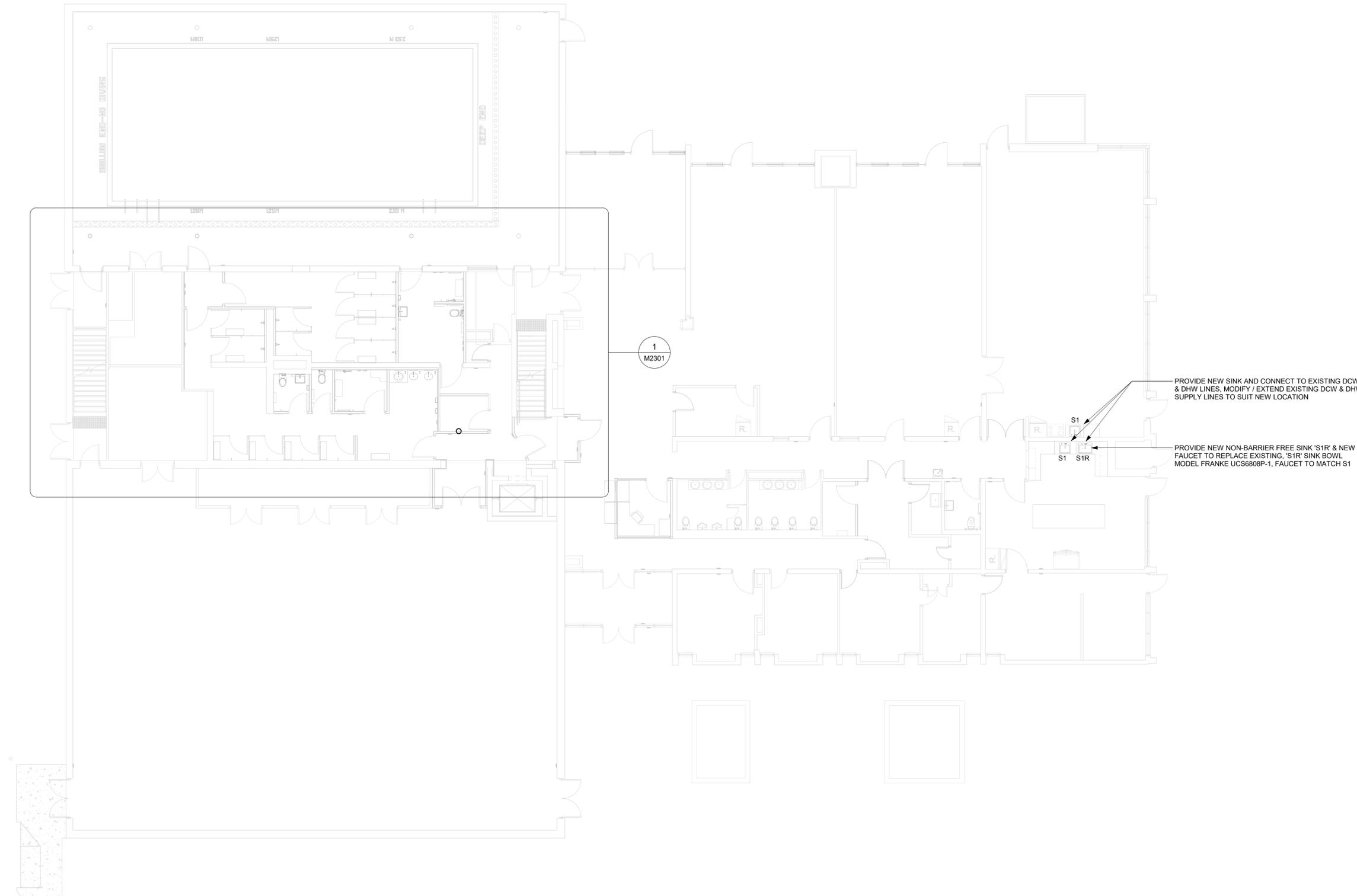
PROJECT ADDRESS
 West Scarborough
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PROJECT NO:
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DRAWN BY: K.DURUKAN	CHECKED BY: B.LIAO
PROJECT MGR: F.BOLOURIAN	APPROVED BY: S.LIU

SHEET TITLE
 PLUMBING - GROUND
 FLOOR

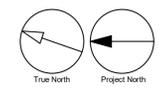
SHEET NUMBER G28-184-M2102	ISSUE D
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PROVIDE NEW SINK AND CONNECT TO EXISTING DCW & DHW LINES. MODIFY / EXTEND EXISTING DCW & DHW SUPPLY LINES TO SUIT NEW LOCATION

PROVIDE NEW NON-BARRIER FREE SINK 'S1R' & NEW FAUCET TO REPLACE EXISTING 'S1R' SINK BOWL MODEL FRANKE UCS6808F-1, FAUCET TO MATCH S1

- GENERAL NOTES:**
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 - ALL NEW FIXTURES TO BE FITTED WITH ISOLATION VALVES.



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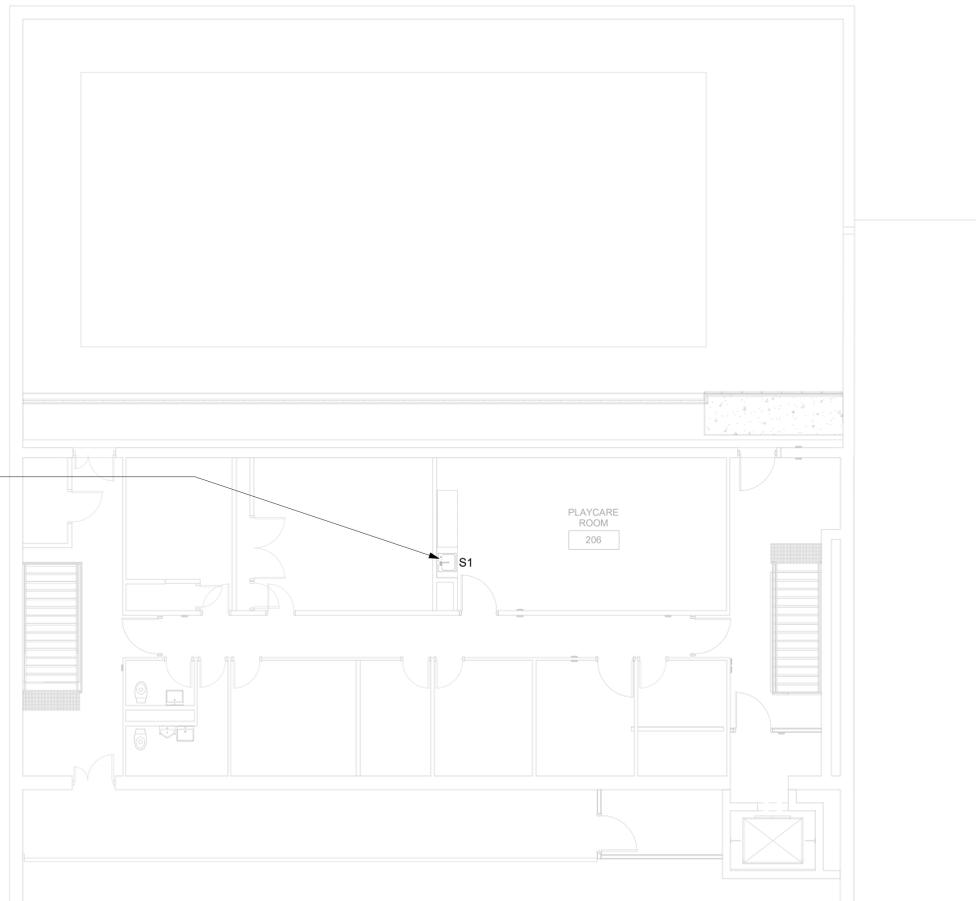
DRAWN BY: K.DURUKAN	CHECKED BY: B.LIAO
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PROJECT MGR: F.BOLOURIAN	APPROVED BY: S.LIU
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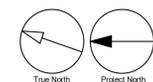
SHEET TITLE
**PLUMBING - SECOND
 FLOOR**

SHEET NUMBER G28-184-M2103	ISSUE D
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PROVIDE NEW SINK, CONNECT TO EXISTING DCW & DHW LINES, MODIFY EXISTING DCW & DHW LINES TO SUIT NEW LOCATION

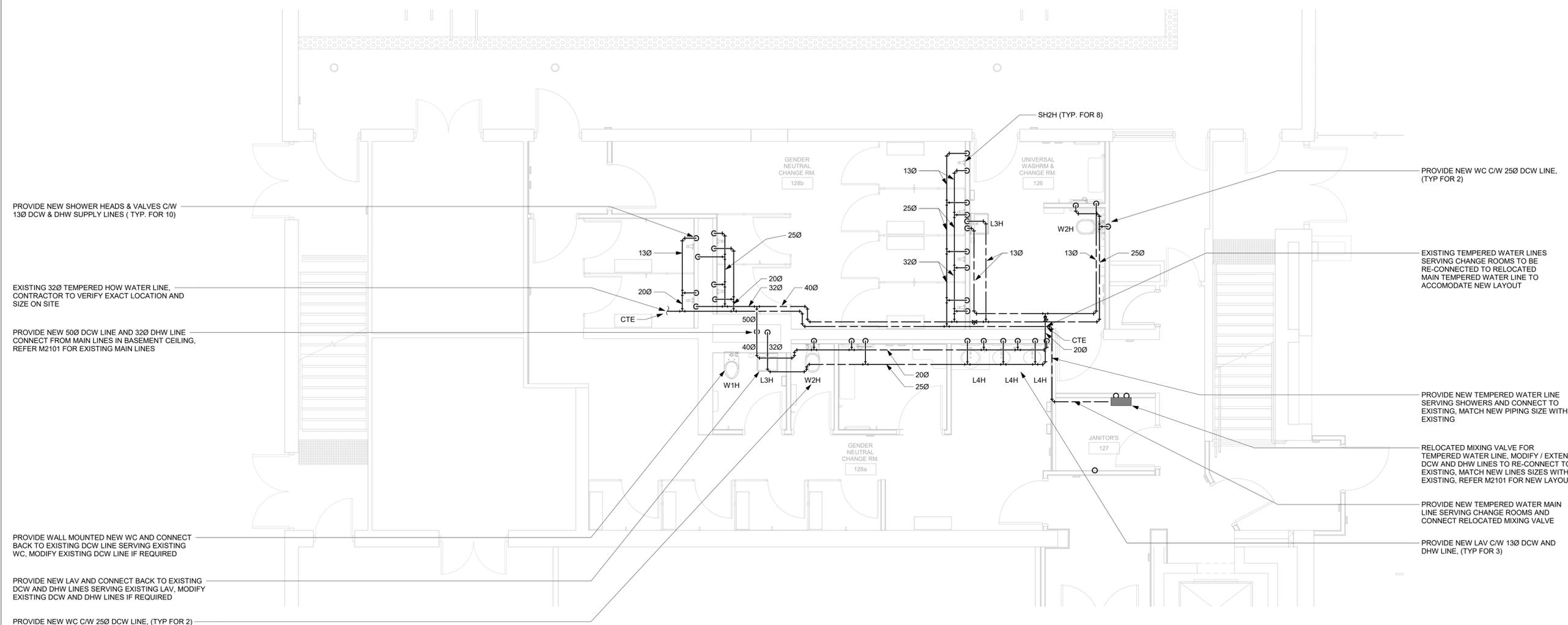


- GENERAL NOTES:
 1. REFER TO SPECIFICATIONS FOR PLUMBING FIXTURE UNIT TYPES.
 2. ALL NEW FIXTURES TO BE FITTED WITH ISOLATION VALVES.



ISSUES

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



PROVIDE NEW SHOWER HEADS & VALVES C/W 130 DCW & DHW SUPPLY LINES (TYP. FOR 10)

EXISTING 320 TEMPERED HOW WATER LINE, CONTRACTOR TO VERIFY EXACT LOCATION AND SIZE ON SITE

PROVIDE NEW 500 DCW LINE AND 320 DHW LINE CONNECT FROM MAIN LINES IN BASEMENT CEILING, REFER M2101 FOR EXISTING MAIN LINES

PROVIDE WALL MOUNTED NEW WC AND CONNECT BACK TO EXISTING DCW LINE SERVING EXISTING WC, MODIFY EXISTING DCW LINE IF REQUIRED

PROVIDE NEW LAV AND CONNECT BACK TO EXISTING DCW AND DHW LINES SERVING EXISTING LAV, MODIFY EXISTING DCW AND DHW LINES IF REQUIRED

PROVIDE NEW WC C/W 250 DCW LINE, (TYP FOR 2)

PROVIDE NEW WC C/W 250 DCW LINE, (TYP FOR 2)

EXISTING TEMPERED WATER LINES SERVING CHANGE ROOMS TO BE RE-CONNECTED TO RELOCATED MAIN TEMPERED WATER LINE TO ACCOMMODATE NEW LAYOUT

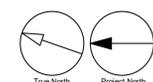
PROVIDE NEW TEMPERED WATER LINE SERVING SHOWERS AND CONNECT TO EXISTING, MATCH NEW PIPING SIZE WITH EXISTING

RELOCATED MIXING VALVE FOR TEMPERED WATER LINE, MODIFY / EXTEND DCW AND DHW LINES TO RE-CONNECT TO EXISTING, MATCH NEW LINES SIZES WITH EXISTING, REFER M2101 FOR NEW LAYOUT

PROVIDE NEW TEMPERED WATER MAIN LINE SERVING CHANGE ROOMS AND CONNECT RELOCATED MIXING VALVE

PROVIDE NEW LAV C/W 130 DCW AND DHW LINE, (TYP FOR 3)

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



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PRIME CONSULTANT



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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 - GROUND
 FLOOR ENLARGED PLAN

SHEET NUMBER G28-184-M2301	ISSUE D
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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
 West Scarborough
 Community Centre
 313 Pharmacy Ave.

PROJECT NO:
 122260

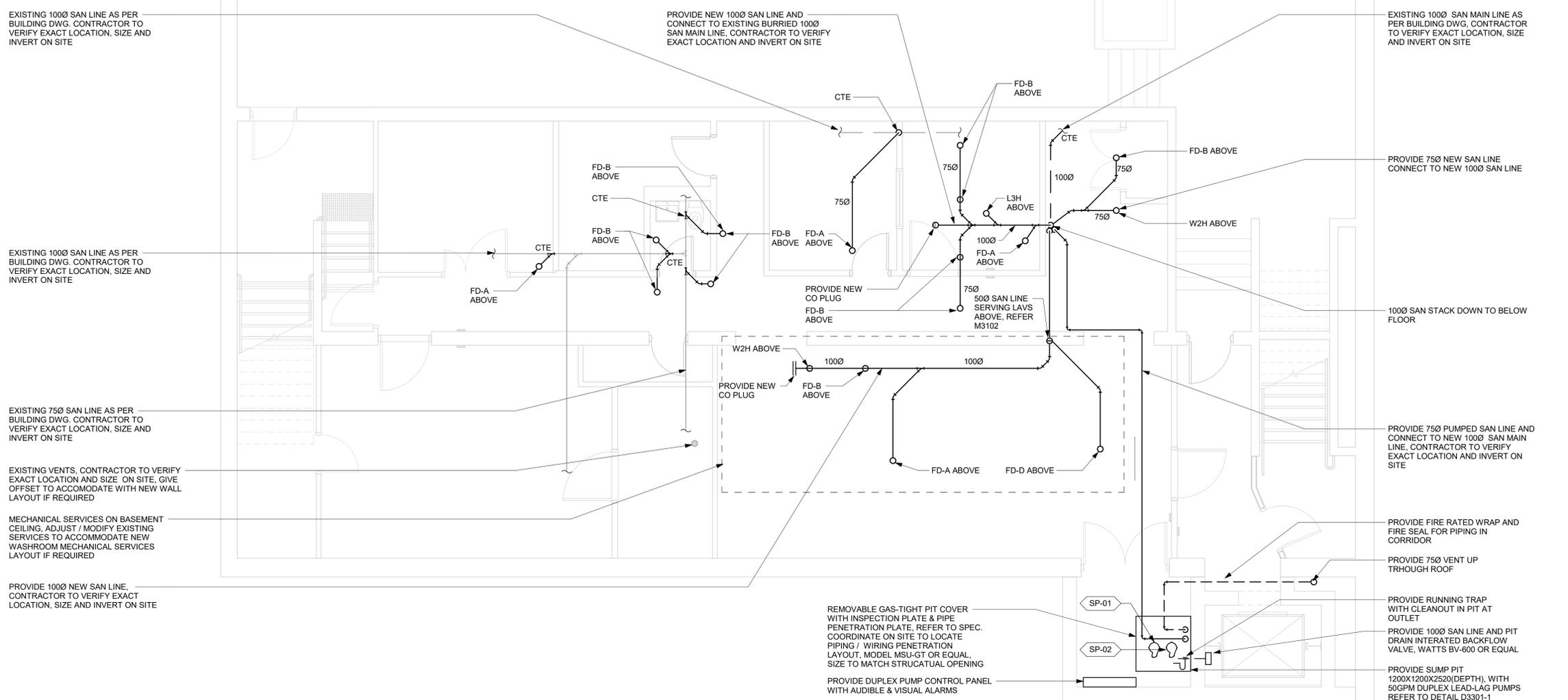
DRAWN BY: K.DURUKAN
CHECKED BY: B.LIAO

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

SHEET TITLE
 DRAINAGE - BASEMENT

SHEET NUMBER
 G28-184-M3101

ISSUE
 D



EXISTING 1000 SAN LINE AS PER BUILDING DWG. 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

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

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 STRUCTURAL OPENING

PROVIDE DUPLEX PUMP CONTROL PANEL WITH AUDIBLE & VISUAL ALARMS

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

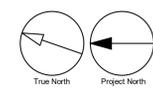
PROVIDE 750 VENT UP THROUGH ROOF

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 1200X(1200X2520)DEPTH, WITH 50GPM DUPLEX LEAD-LAG PUMPS REFER TO DETAIL D3301-1

- 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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C	ISSUED FOR PERMIT	2022-01-04
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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
 D

PROVIDE NEW FLOOR DRAIN REPLACE EXISTING. CONTRACTOR TO VERIFY EXACT PIPE CONNECTION SIZE ON SITE (TYP. FOR 8)

PROVIDE NEW FD C/W 75Ø SAN LINE DN TO BASEMENT CEILING

PROVIDE NEW SHOWER DRAIN C/W 75Ø SAN LINE DN TO BASEMENT CEILING (TYP. FOR 10)

PROVIDE NEW FD C/W 75Ø SAN LINE DN TO BASEMENT CEILING (TYP. FOR 3)

PROVIDE WALL MOUNTED NEW WC AND CONNECT BACK TO EXISTING SAN LINE SERVING EXISTING WC. MODIFY EXISTING SAN LINE IF REQUIRED

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

PROVIDE NEW LAV AND CONNECT BACK TO EXISTING SAN LINE SERVING EXISTING LAV. MODIFY EXISTING SAN LINE IF REQUIRED

PROVIDE NEW WC C/W 75Ø SAN LINE DN TO BASEMENT CEILING (TYP. FOR 2)

PROVIDE NEW LAV C/W 50Ø SAN LINE DN TO BASEMENT CEILING (TYP. FOR 3)

AC-01 CONDENSATE LINE, REFER M3103

75Ø VENT UP & DN.

INSTALL NEW BARRIER FREE SINK 'S1' TO REPLACE EXISTING. MODIFY/EXTEND EXISTING SUPPLIES & SAN LINES TO CONNECT TO SUIT NEW SINK

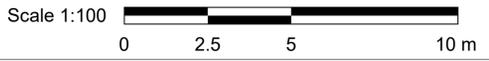
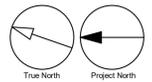
PROVIDE NEW NON-BARRIER FREE SINK 'S1R' & NEW FAUCET TO REPLACE EXISTING 'S1R' SINK BOWL MODEL FRANKE UCS808P-1. FAUCET TO MATCH S1, MODIFY/EXTEND EXISTING SUPPLIES & SAN LINES TO CONNECT TO NEW SINK

EXISTING UNDER COUNTER GREASE INTERCEPTOR TO REMAIN, EXTEND/MODIFY OR TEMPORARY DISCONNECT SAN LINE WHEN REQUIRED TO SUIT NEW SINKS. CONTRACTOR SHALL VERIFY EXACT PIPING LAYOUT ON SITE

CONDENSATE LINE INDIRECTLY CONNECTED TO FUNNEL DRAIN

PROVIDE NEW FUNNEL DRAIN C/W Ø75 SAN LINE, REFER M3101

- 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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C	ISSUED FOR PERMIT	2022-01-04
D	ISSUED FOR TENDER	2022-11-01

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 ibigroup.com

PROJECT TITLE
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 ACCESSIBILITY UPGRADES

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 West Scarborough
 Community Centre
 313 Pharmacy Ave.

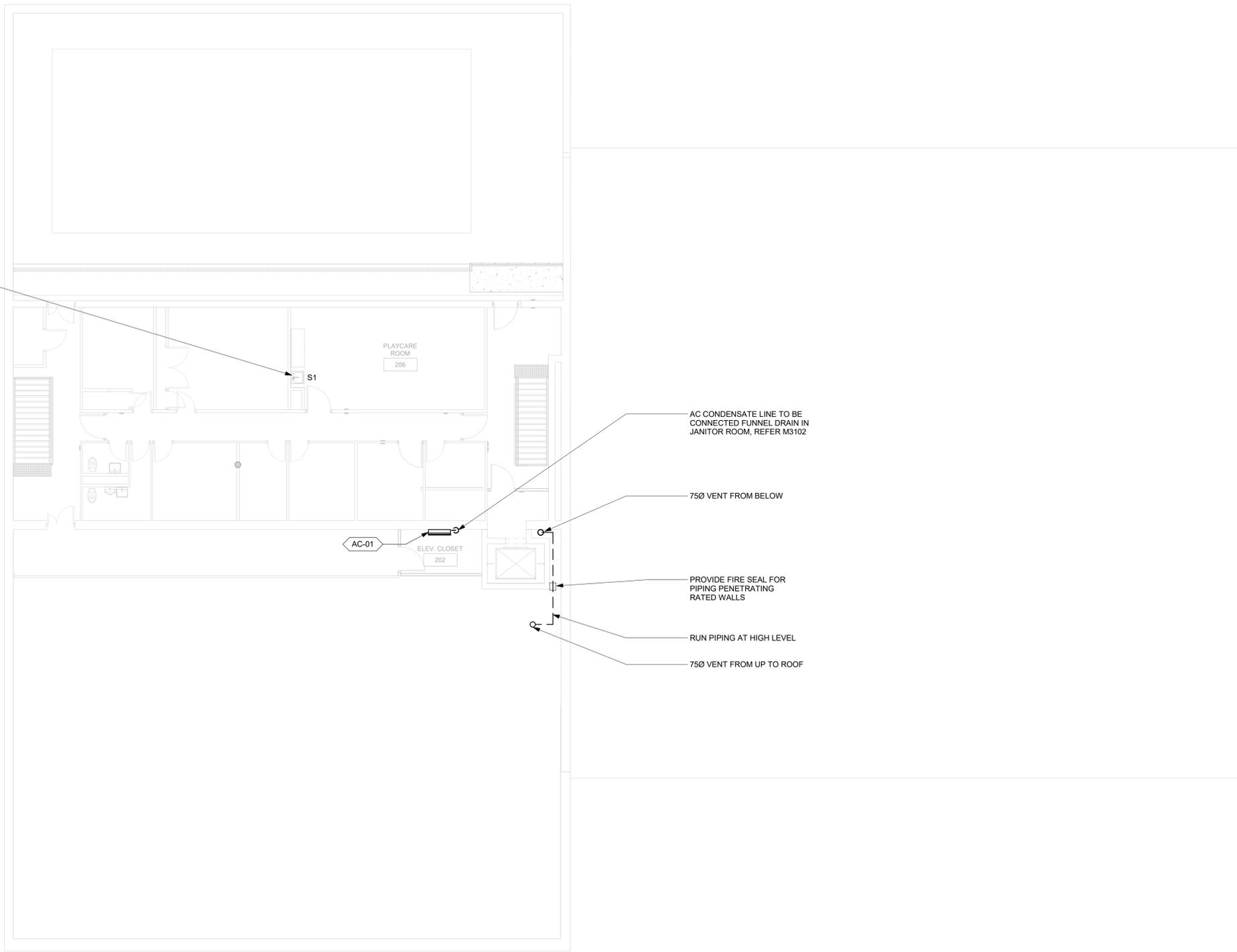
PROJECT NO:
 122260

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** D



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

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

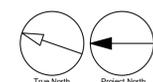
75Ø VENT FROM BELOW

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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ISSUES		
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E	ADDENDUM-01	2022-11-07

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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

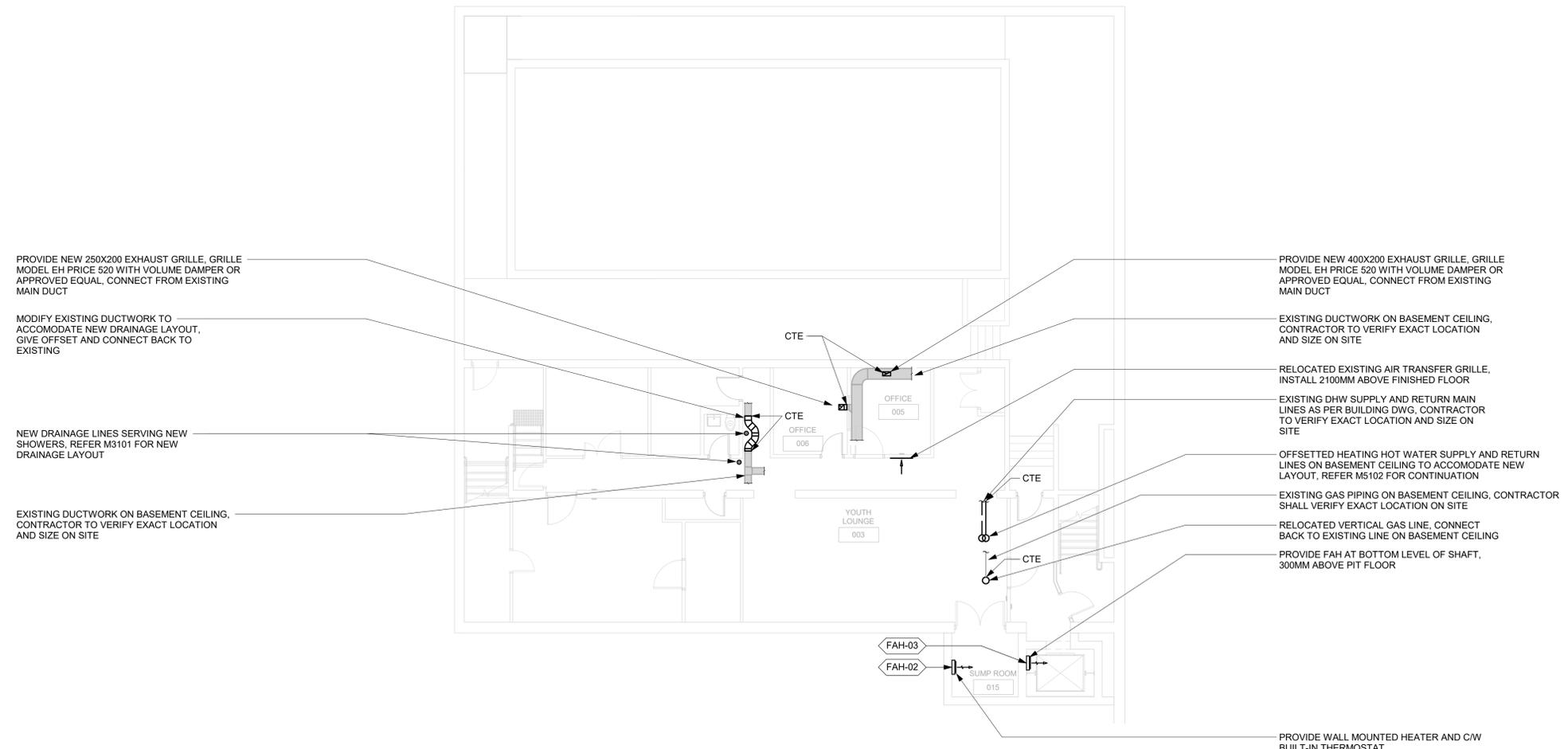
PROJECT MGR:
F.BOLOURIAN

APPROVED BY:
S.LIU

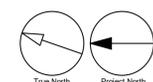
SHEET TITLE
HVAC - BASEMENT

SHEET NUMBER
G28-184-M5101

ISSUE
E



- 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
 Community Centre
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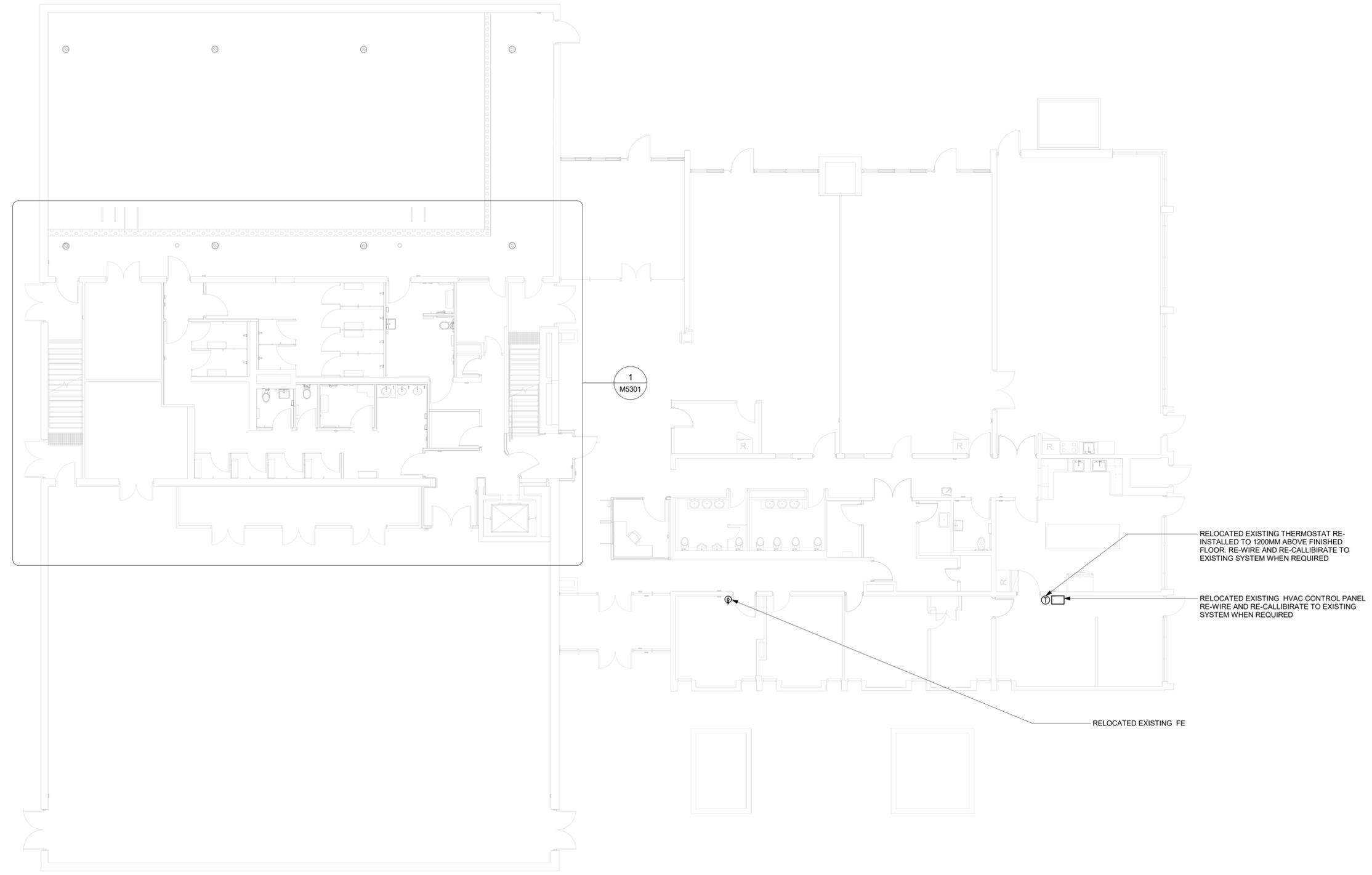
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 122260

DRAWN BY: K.DURUKAN **CHECKED BY:** B.LIAO

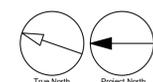
PROJECT MGR: F.BOLOURIAN **APPROVED BY:** S.LIU

SHEET TITLE
 HVAC - GROUND FLOOR

SHEET NUMBER
 G28-184-M5102 **ISSUE**
 D



- 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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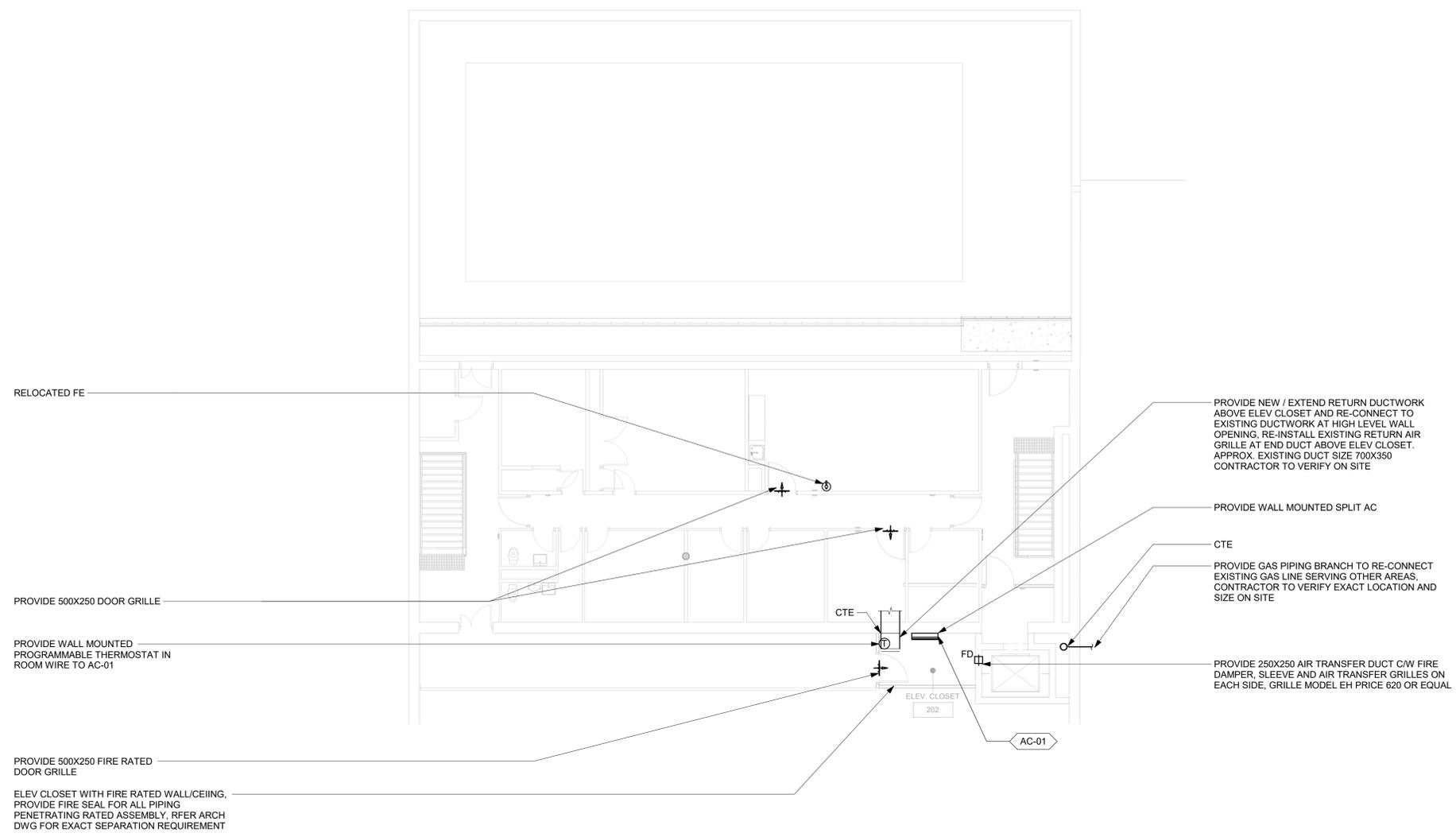
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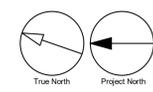
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 122260
DRAWN BY: K.DURUKAN
CHECKED BY: B.LIAO
PROJECT MGR: F.BOLOURIAN
APPROVED BY: S.LIU

SHEET TITLE
 HVAC - SECOND FLOOR

SHEET NUMBER
 G28-184-M5103
ISSUE
 D



- 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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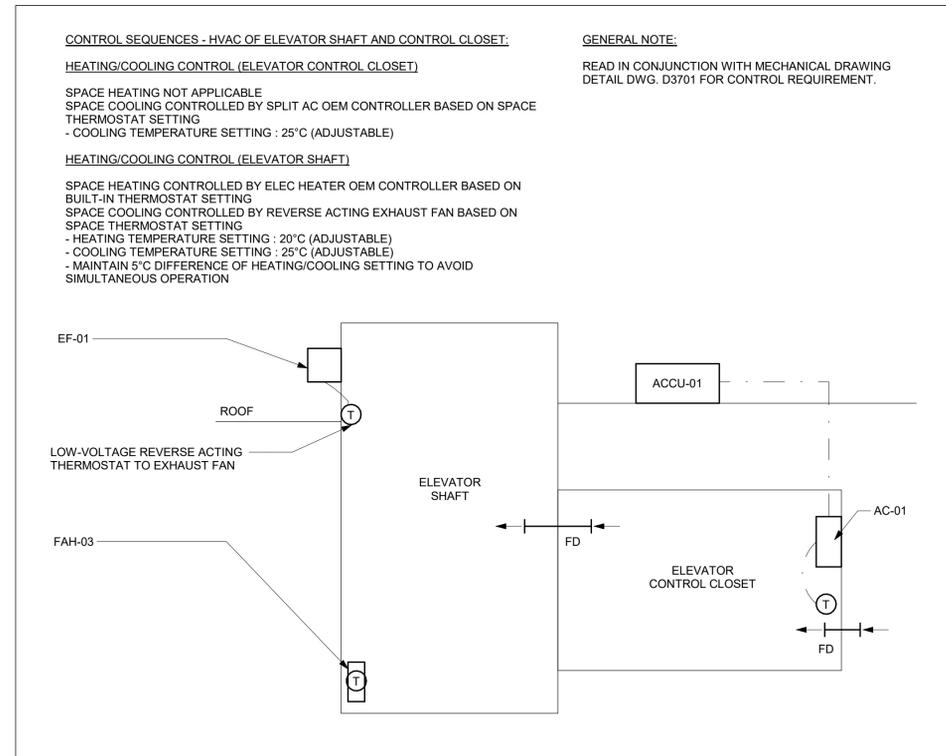
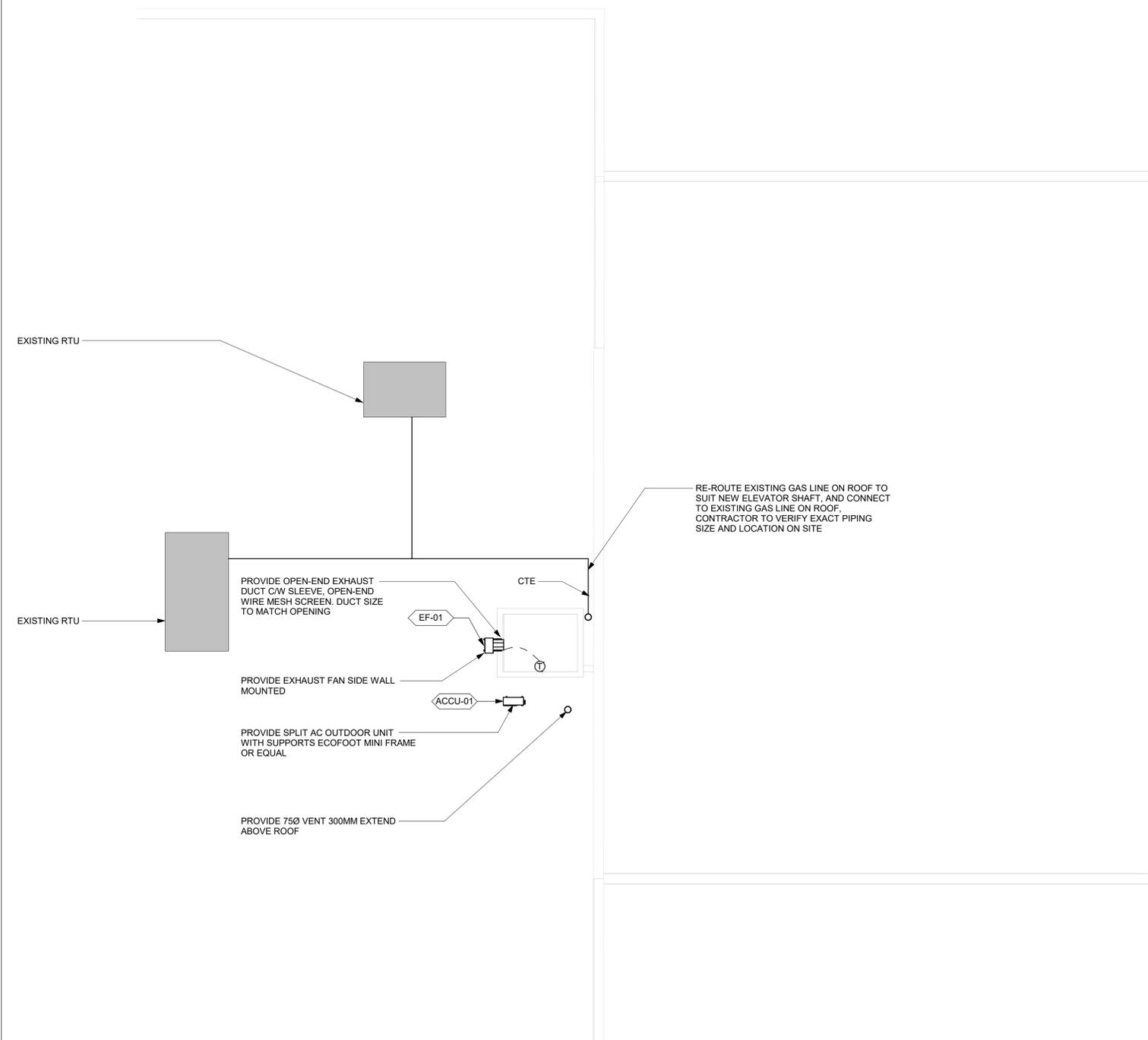
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 Community Centre
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PROJECT NO:
 122260

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

SHEET TITLE
 HVAC - ROOF PLAN

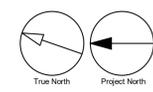
SHEET NUMBER G28-184-M5104	ISSUE D
--------------------------------------	-------------------



2 ELEVATOR SHAFT AND CONTROL ROOM CONTROL SCHEMATIC
 M5104 Scale: N.T.S

1 ROOF
 M5104 Scale: 1 : 100

- 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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E	ADDENDUM-01	2022-11-07

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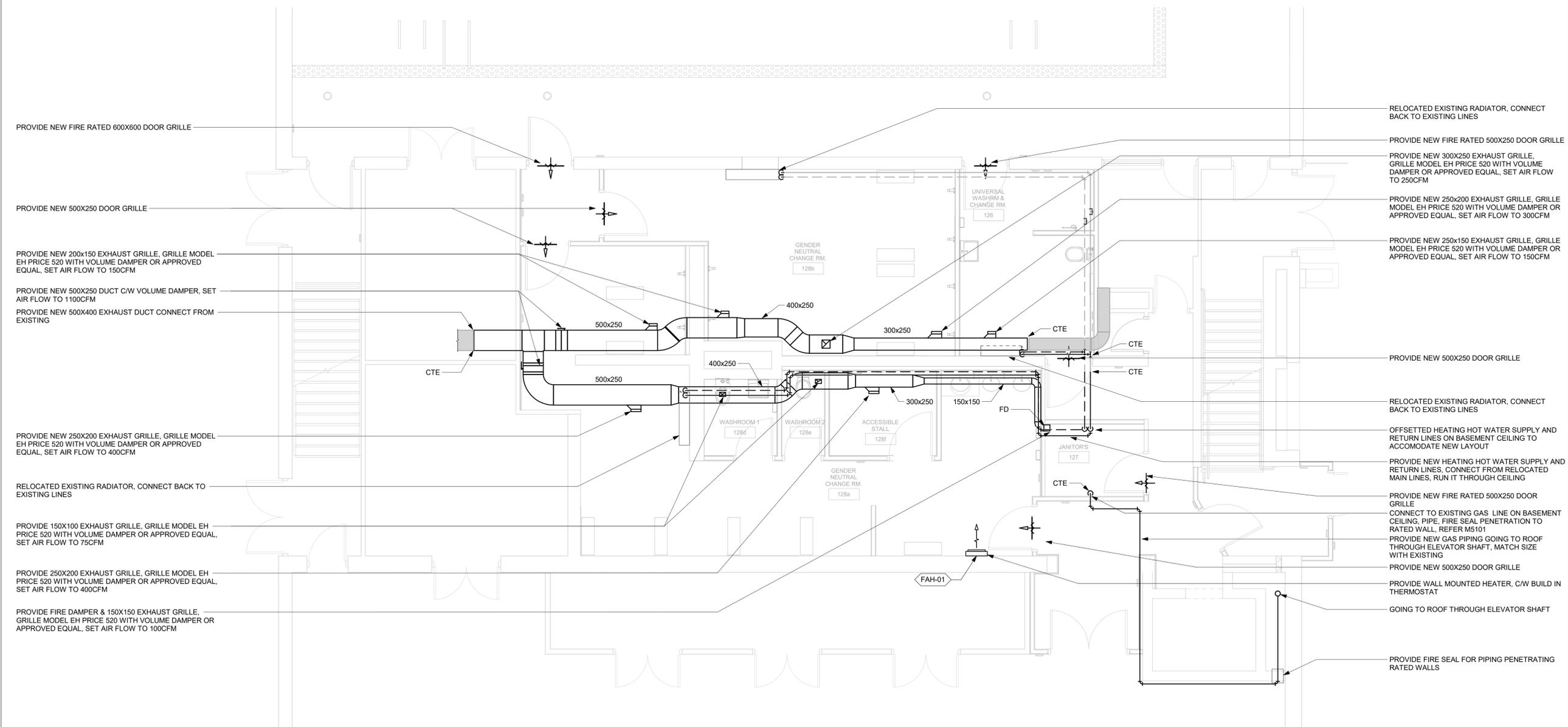
PROJECT TITLE CITY OF TORONTO ACCESSIBILITY UPGRADES

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 G28-184-M5301	ISSUE E
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- 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:**
- ADD AND ADJUST DUCTS TO FIT NEW DIFFUSERS/GRILLES.
 - ROOM THERMOSTATS TO BE MOUNTED AT 1200mm A.F.F.

