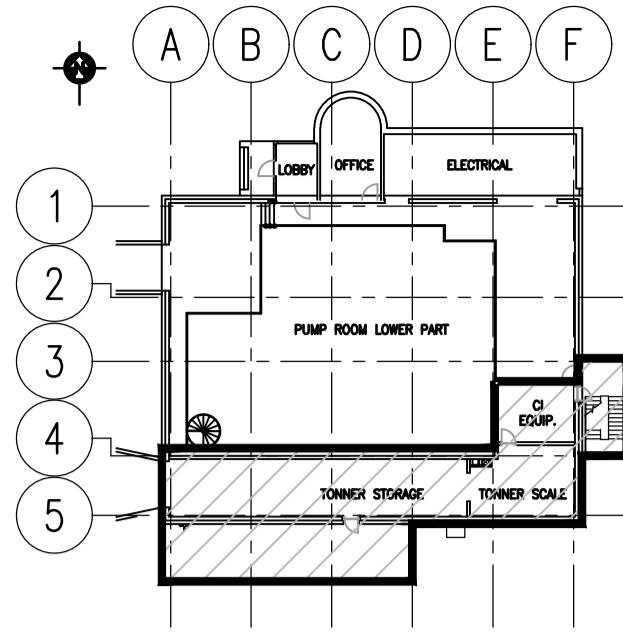


TRUNNION LAYOUT - NEW WORK

SCALE: 1:100

DRAWING NOTES

- CORE DRAIN PIPE OPENING THROUGH EXISTING GRADE BEAM. OPENING LOCATION TO BE LOCATED SUCH TO MISS REBAR. CONFIRM WITH ENGINEER PRIOR TO DRILLING.
- CONNECT NEW DRAINAGE PIPE TO EXISTING DRAINAGE.
- SUPPLY AND INSTALL NEW TRAP PRIMER AT P-TRAP. FIELD RUN FROM NEAREST WATER SOURCE.
- SUPPLY AND INSTALL NEW 350x350 EXHAUST DUCT FROM CRAWLSPACE. INSTALL NEW 250x200 EXHAUST GRILLE. SET HEIGHT OF GRILLE AT 400mm ABOVE EXISTING GRADE IN CRAWLSPACE.
- REPAIR EXISTING DRAINAGE PIPE WHERE EXISTING FLOOR DRAIN FROM ABOVE WAS REMOVED.
- SUPPORT NEW DRAINAGE PIPE FROM CEILING AT 2000mm O/C.
- SUPPLY AND INSTALL NEW DELUGE EYE WASH/SAFETY SHOWER COMBINATION UNIT. INSTALL NEW TEMPERED WATER PIPING FROM NEW WATER HEATER IN EQUIPMENT ROOM.
- INSTALL NEW Ø80 FLOOR DRAIN. HEAT TRACE DRAIN LINE BACK TO CRAWLSPACE.
- NEW Ø40 DCW TO BE CONNECTED TO EXISTING WATER CONNECTION. NEW DCW PIPING TO BE RUN AT HIGH LEVEL AND SUPPORTED FROM EXISTING STRUCTURE.

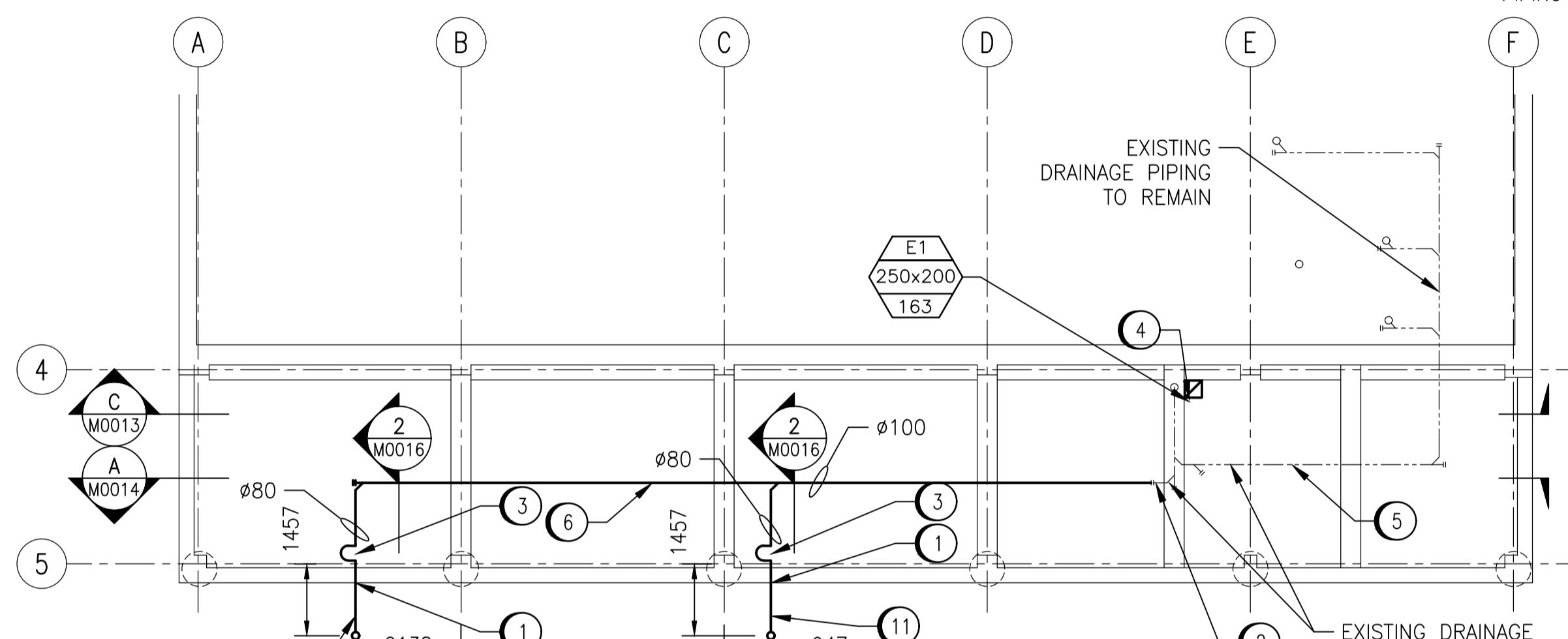


KEY PLAN

SCALE: NTS

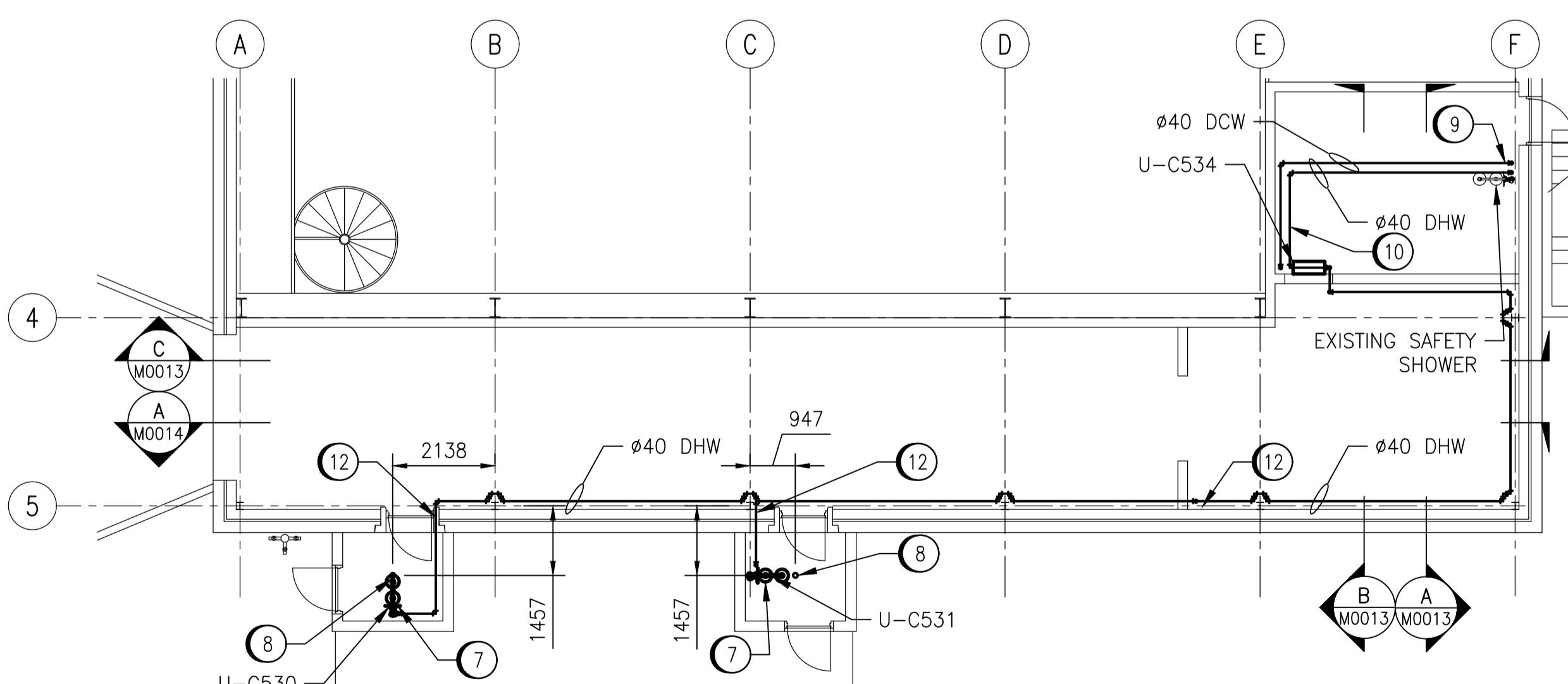
LEGEND

EXISTING EQUIPMENT TO REMAIN
NEW EQUIPMENT
NEW DUCTWORK
EXISTING PIPING TO REMAIN
NEW PIPING



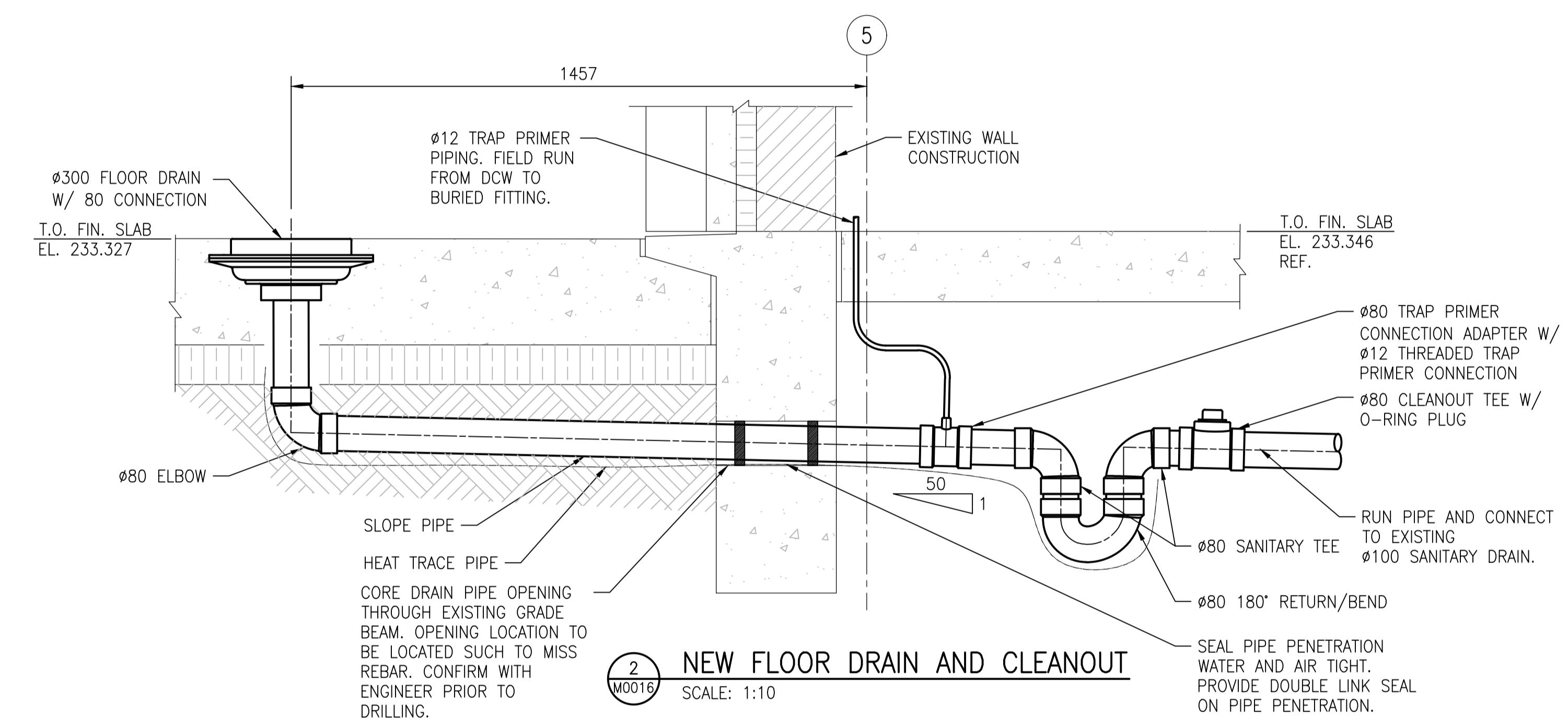
CRAWLSPACE - NEW WORK

SCALE: 1:100



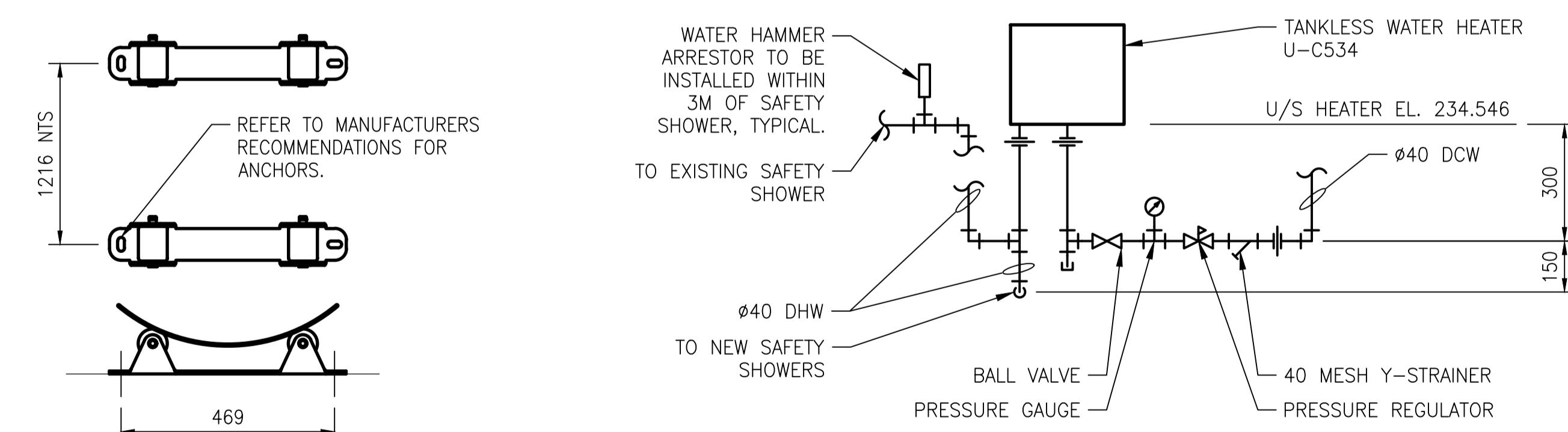
MAIN FLOOR PLUMBING - NEW WORK

SCALE: 1:100



NEW FLOOR DRAIN AND CLEANOUT

SCALE: 1:10



TRUNNION - DETAIL

SCALE: NTS

		AtkinsRéalis 148 Nature Park Way, Winnipeg, Manitoba Canada R3P 0X7 204-786-8080		ENGINEER'S SEAL	
				DESIGNED BY: T. SHAW	CHECKED BY: S. NORSWORTHY
		DRAWN BY: M. GAUDINO	APPROVED BY: S. NORSWORTHY		
		SCALE: AS NOTED	ISSUED FOR CONSTRUCTION BY: M. SKINNER		
		DATE: 2023-03-06	DATE: 2025/04/30		
		CONSULTANT NO.: 694715-1000-45DD-1004			
CITY DRAWING NUMBER 1-0650M-M0016		SHEET 001	REV. 00	SIZE A1	

GENERAL NOTES

- DRAWING INFORMATION BASED ON HISTORICAL DRAWING AND SITE INVESTIGATIONS.
- INSULATION ON ALL EXISTING DOMESTIC WATER, FRESH AIR INTAKE, RAIN WATER LEADER, CONDENSATE AND DRAIN PIPE FITTINGS MAY CONTAIN ASBESTOS MATERIALS. REFER TO EXISTING ASBESTOS REPORTS TO CONFIRM.
- MASONRY BLOCK WALLS, CEILING OR WALL HARD PLASTERS AND CERAMIC FLOOR TILES MAY CONTAIN ASBESTOS.
- BALANCE SUPPLY AND EXHAUST DAMPERS TO VOLUMES NOTED.

ENGINEERS
GEOSCIENTISTS
MANITOBA
Certificate of Authorization
AtkinsRéalis Canada Inc.
No. 4489

00 ISSUED FOR TENDER AND CONSTRUCTION 2025/04/30 TS SN

NO. REVISIONS DATE DESIGN CHECK

THE CITY OF WINNIPEG
Winnipeg
WATER AND WASTE DEPARTMENT

HURST PUMPING STATION
CHLORINE SYSTEM UPGRADE
MECHANICAL
NEW WORK
PLANS & DETAILS