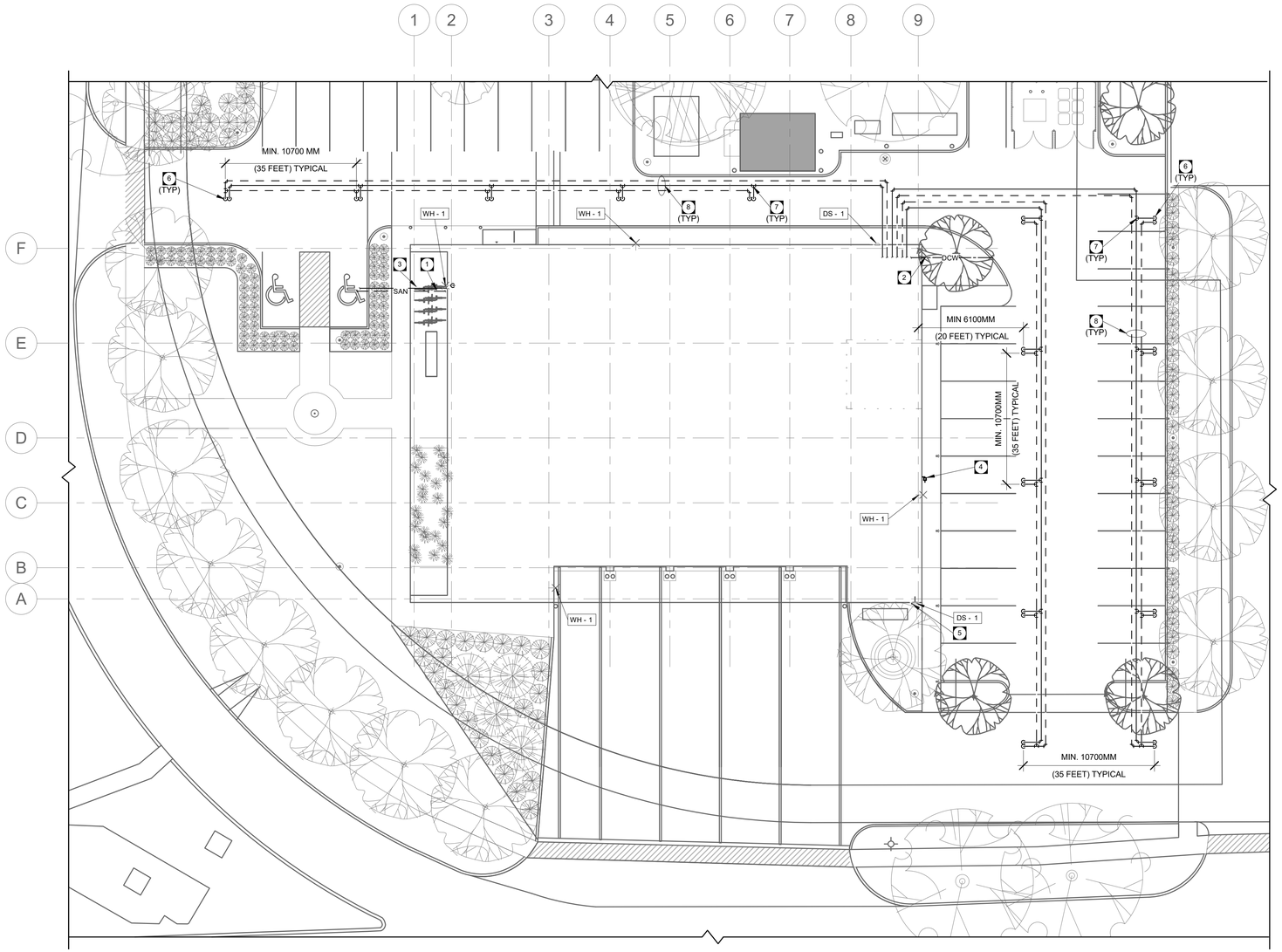

SITE GENERAL NOTES

A. SITE PLAN INDICATES LOCATIONS OF PLUMBING, SPRINKLER, HYDRONIC AND HVAC EQUIPMENT AND SERVICES. CONTRACTOR SHALL COORDINATE LOCATIONS AND REQUIREMENTS WITH SUB-TRADES.

B. REFER TO ARCHITECTURAL PLANS, ELEVATIONS AND ROOF PLANS FOR ADDITIONAL INFORMATION ON INSTALLATION HEIGHTS, EXACT LOCATIONS, AND SUPPORTING INFORMATION.

C. REFER TO CIVIL AND STRUCTURAL PLANS FOR LOCATIONS OF SITE SERVICES, STRUCTURAL RESTRICTIONS AND COORDINATE BETWEEN TRADES

KEY NOTES

1 150MM SANITARY SERVICE. REFER TO CIVIL FOR CONTINUATION.

2 150MM COMBINED WATER SERVICE. REFER TO CIVIL FOR CONTINUATION.

3 100MM STORM WATER SERVICE. REFER TO CIVIL FOR CONTINUATION.

4 PROVIDE NEW NATURAL GAS METER. COORDINATE WITH MANITOBA HYDRO.

5 FIRE DEPARTMENT CONNECTION. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND DETAILING.

6 PROVIDE GEOTHERMAL GROUND HEAT EXCHANGER VERTICAL BOREHOLE WITH HDPE U-TUBE ACCORDING TO SPECIFICATIONS. BOREHOLE TO BE 114300 MM (375 FEET) DEEP, 127MM (5 INCH) DIAMETER. U-TUBE PIPE TO BE 38MM (1.5 INCH) DIAMETER. TYPICAL X15 BOREHOLES. MINIMUM BOREHOLE SEPARATION INDICATED. COORDINATE EXACT BOREHOLE LOCATIONS AND ROUTING OF HORIZONTAL HEADER PIPES WITH SITE SURVEY AND UNDERGROUND LOCATE TO AVOID UNDERGROUND SERVICES.

7 CONNECT VERTICAL U-TUBES TO 50MM (2 INCH) HORIZONTAL HEADER PIPES IN REVERSE RETURN CONFIGURATION. HEADER PIPES TO INSTALLED MINIMUM 3048 MM (10 FEET) BELOW GRADE. REFER TO SPECIFICATIONS.

8 HORIZONTAL HEADER PIPING SHOWN SCHEMATICALLY. SUPPLY AND RETURN PIPES 50MM (2 INCH) TO BE INSTALLED IN TRENCH, SEPARATED BY A MINIMUM DISTANCE OF 610MM (24 INCH). COORDINATE ROUTING OF HEADER PIPING TO AVOID UNDERGROUND SERVICES AND TREES.

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23527
23-02-03
REGISTERED PROFESSIONAL ENGINEER

Project
WFPS STATION 9

1083 AUTUMNWOOD DRIVE

Sheet Title
MECHANICAL SITE PLAN

Project No. 22028

Sheet M1.1

CIBINEL - Arch D - 24" X 36"