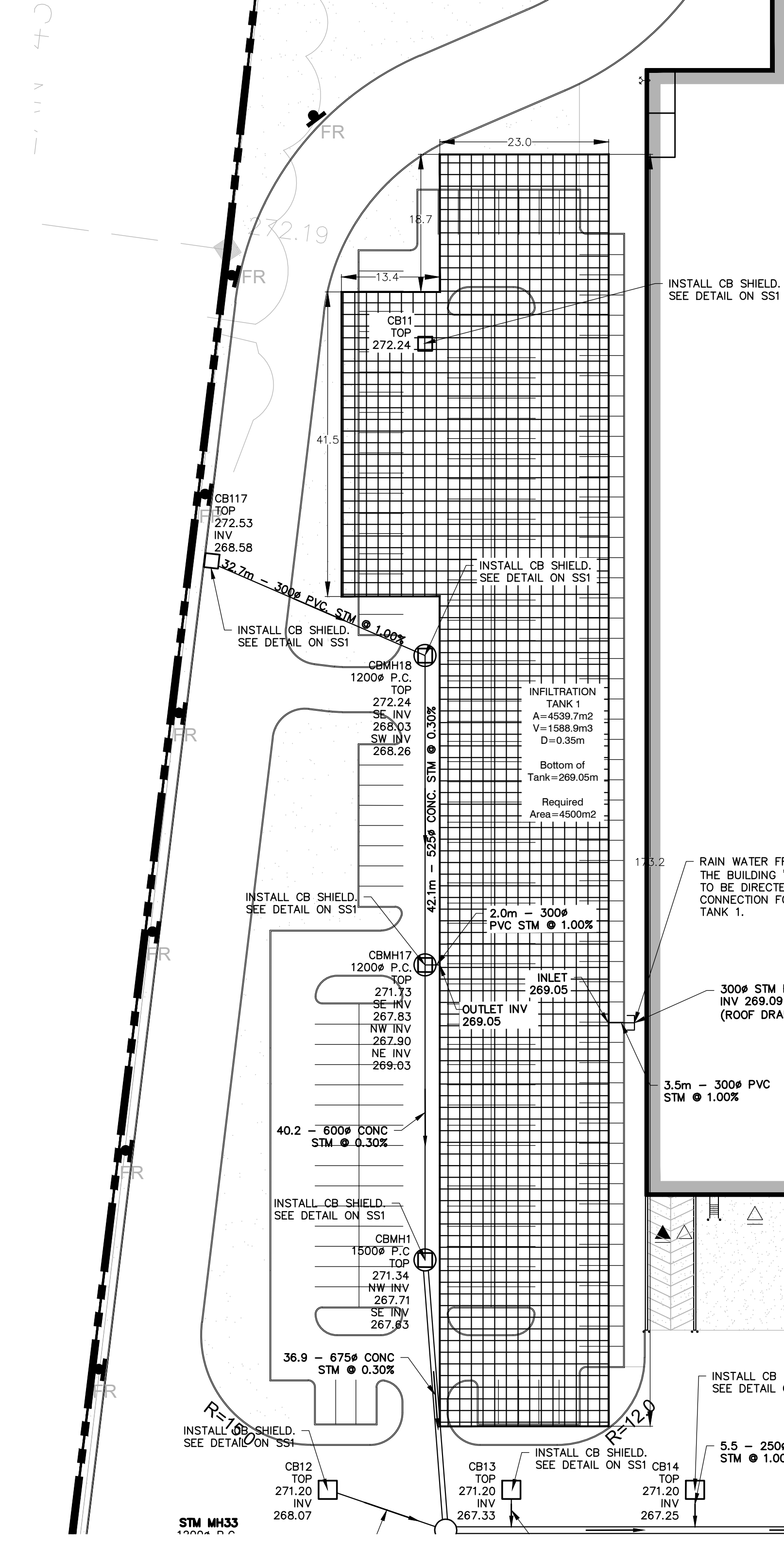
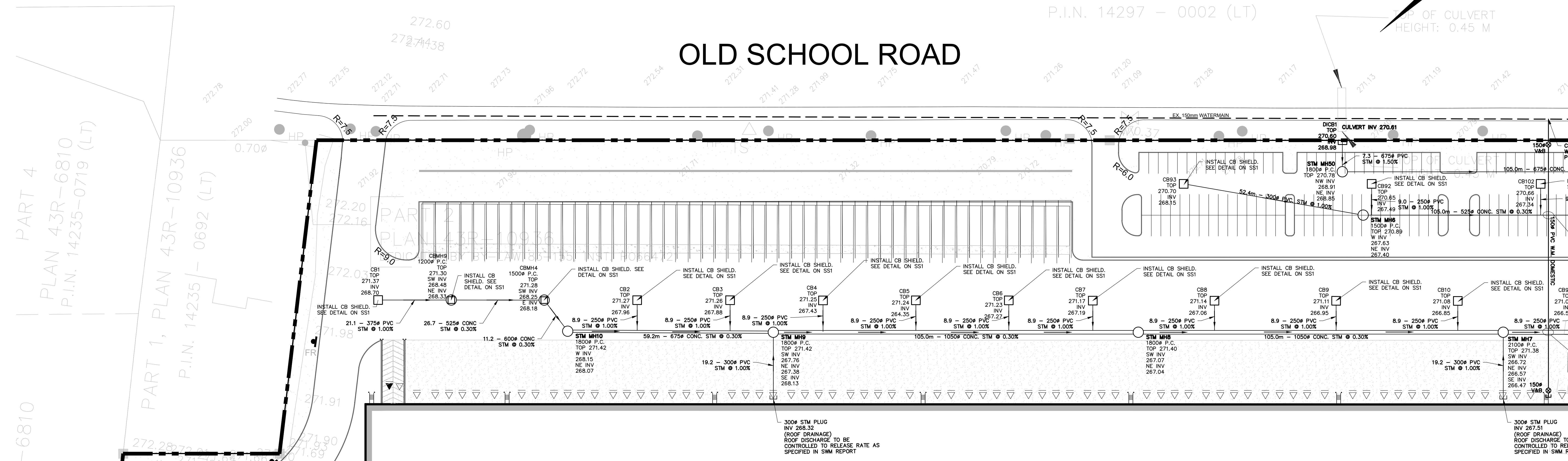


FFE = 272.80

KEY PLAN NTS

- LEGEND**
- ⊗ EX. VC EXISTING VALVE & CHAMBER
 - ⊕ EX. HYD. EXISTING HYDRANT
 - EX. SAN. MH EXISTING SANITARY MANHOLE
 - EX. STM MH EXISTING STORM MANHOLE
 - CB EXISTING CATCHBASIN
 - SANITARY MANHOLE
 - STORM MANHOLE
 - CB CATCHBASIN
 - ⊗ V&B VALVE AND BOX
 - ⊕ H&V HYDRANT AND VALVE
 - PROPERTY LINE

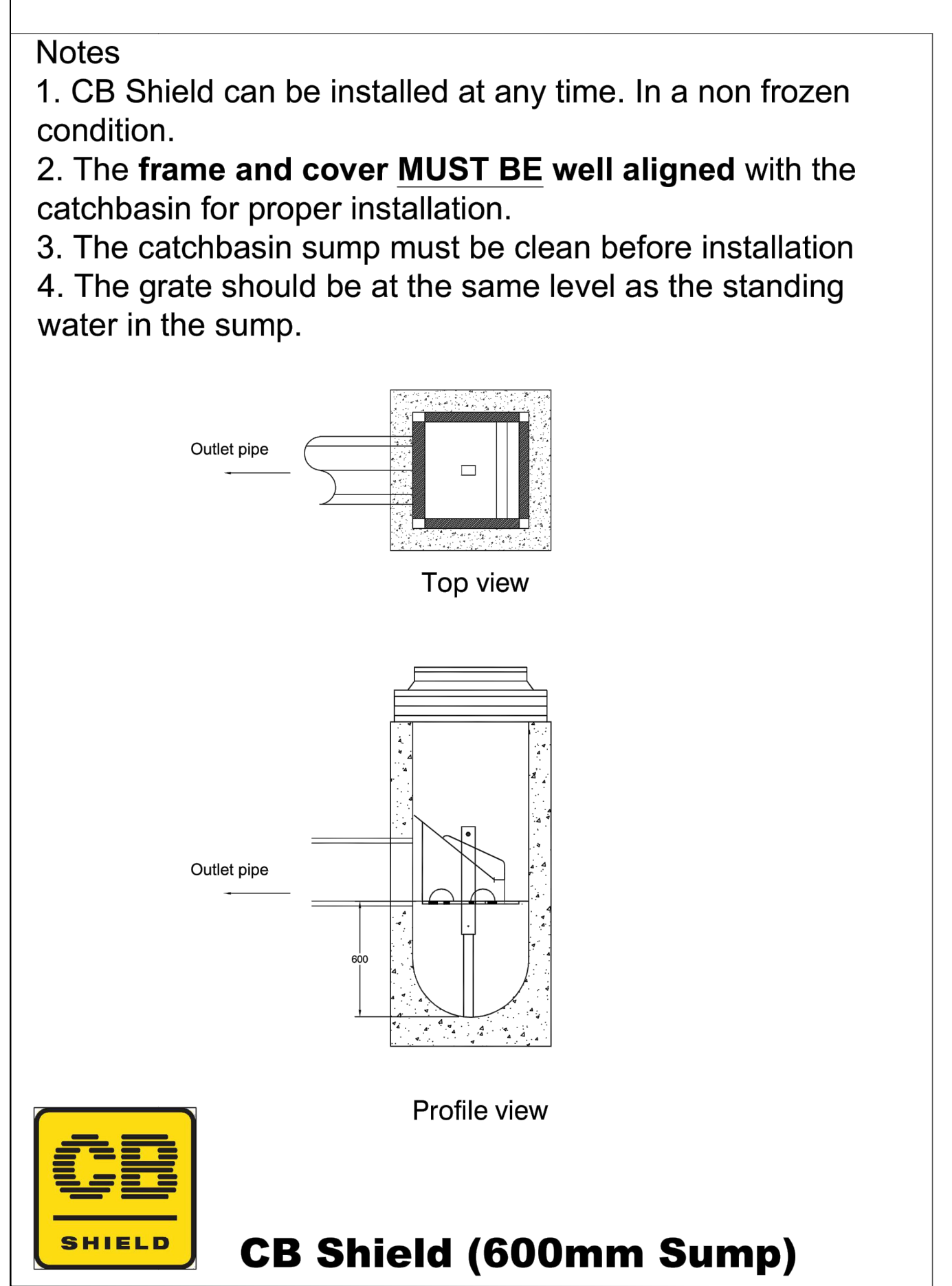


- REGION OF PEEL NOTES:**
- ALL MATERIALS AND CONSTRUCTION METHODS MUST CORRESPOND TO THE CURRENT PEEL PUBLIC WORKS STANDARDS AND SPECIFICATIONS.
 - WATERMANS AND/OR WATER SERVICE MATERIALS 100mm AND LARGER MUST BE PVC DR-18 PER AWWA C900-16. SIZE 50mm AND SMALLER MUST BE SOFT COPPER TYPE 'K' PER ASTM B88-49.
 - WATERMANS AND/OR SERVICES ARE TO HAVE A MINIMUM COVER OF 1.7m WITH A MINIMUM HORIZONTAL SPACING OF 1.2m FROM THEMSELVES AND ALL OTHER SERVICES.
 - PROVISIONS FOR FLUSHING WATER LINE PRIOR TO TESTING, ETC., MUST BE PROVIDED WITH AT LEAST A 50mm² OUTLET ON 100mm AND LARGER LINES. COPPER LINES ARE TO HAVE FLUSHING POINTS AT THE END, THE SAME SIZE AS THE LINE. THEY MUST ALSO BE HOSED OR PIPES TO ALLOW WATER TO DRAIN ONTO A PARKING LOT OR DOWN A DRAIN ON FIRE LINES. FLUSHING OUTLET TO BE 100mm MINIMUM ON A HYDRANT.
 - ALL CURB STOPS TO BE 3.0m OFF THE FACE OF THE BUILDING UNLESS NOTED OTHERWISE.
 - HYDRANT AND VALVE SET TO REGION STANDARD 1-6-1 DIMENSION 'A' (0.7m) & 'B' (0.9m) AND TO HAVE PUMPER NOZZLE.
 - WATERMANS TO BE INSTALLED TO GRADES SHOWN ON APPROVED SITE PLAN. COPY OF GRADE SHEET MUST BE SUPPLIED TO INSPECTOR PRIOR TO COMMENCEMENT OF WORK, WHERE REQUESTED BY INSPECTOR.
 - WATERMANS MUST HAVE A VERTICAL CLEARANCE OF 0.3m OVER AND 0.5m UNDER SEWERS AND ALL OTHER UTILITIES WHEN CROSSING.
 - ALL PROPOSED WATER PIPING MUST BE ISOLATED FROM EXISTING LINES IN ORDER TO ALLOW INDEPENDENT PRESSURE TESTING AND CALORIMATING FROM EXISTING SYSTEMS.
 - ALL LIVE TAPPING AND OPERATION OF REGION WATER VALVES SHALL BE ARRANGED THROUGH THE REGIONAL INSPECTOR ASSIGNED, OR BY CONTACTING THE OPERATIONS AND MAINTENANCE DIVISION.
 - LOCATION OF ALL EXISTING UTILITIES IN THE FIELD TO BE ESTABLISHED BY THE CONTRACTOR.
 - THE CONTRACTOR(S) SHALL BE SOLELY RESPONSIBLE FOR LOCATES, EXPOSING, SUPPORTING AND PROTECTING OF ALL UNDERGROUND/OVERHEAD UTILITIES AND STRUCTURES EXISTING AT THE TIME OF CONSTRUCTION IN THE AREA OF THEIR WORK, WHETHER SHOWN ON THE PLANS OR NOT, AND FOR ALL REPAIRS AND CONSEQUENCES RESULTING FROM DAMAGE TO SAME.
 - THE CONTRACTOR(S) SHALL BE SOLELY RESPONSIBLE TO GIVE 72 hrs WRITTEN NOTICE TO UTILITIES PRIOR TO CROSSING SUCH UTILITIES, FOR THE PURPOSE OF INSPECTION BY THE CONCERNED UTILITY. THIS INSPECTION WILL BE FOR THE DURATION OF THE CONSTRUCTION, WITH THE CONTRACTOR RESPONSIBLE FOR ALL COSTS ARISING FROM SUCH INSPECTION.
 - ALL PROPOSED WATER PIPING MUST BE ISOLATED THROUGH A TEMPORARY CONNECTION THAT SHALL INCLUDE AN APPROPRIATE CROSS-CONNECTION CONTROL DEVICE, CONSISTENT WITH THE DEGREE OF HAZARD, FOR BACKFLOW PREVENTION OF THE ACTIVE DISTRIBUTION SYSTEM, CONFORMING TO REGION OF PEEL STANDARDS 1-7-7 OR 1-7-8.

NOTE:
PRIVATE WATER TANK FOR FIRE PROTECTION WITH BOOSTER PUMP TO BE PROVIDED IN BUILDING MECHANICAL ROOM FOR MECHANICAL DESIGN AND SPECIFICATIONS.

NOTE:
ALL CATCHBASIN DRAINING TO POND 'A' IS TO BE FITTED WITH CB SHIELD. SEE DETAIL THIS DRAWING.

BUILDING 'A'
FFE = 272.80



CB Shield Operations Manual

Installing CB Shield
It is important the catch basin frame and cover is aligned properly with the catch basin below. If it is misaligned it may be difficult to install the CB Shield insert.
Determine the depth of the sump (i.e. the distance from the invert of the outlet pipe to the bottom of the catch basin). If the catch basin is in service the sump depth will be the depth of the water. The grate section of the CB Shield insert should be the same elevation as the water depth in the sump.

Adjust the leg of the CB Shield to achieve the appropriate elevation.
The CB Shield is lowered into place with the rope attached to the top of the leg. The high side of the sloped plate should face the wall with the outlet pipe. (The incoming water should be directed to the wall further from the outlet).
The flexible plastic skirt around the outer edges of the CB Shield insert may interfere with some misaligned frame and grates. If so a slice can be cut into the skirt with a utility knife at the point of interference. Make sure the grate is at the desired level or remove CB Shield and re-adjust the leg length.

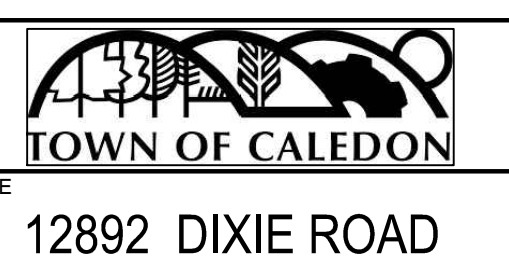
Inspecting a CB Shield Enhanced Catch Basin
Open grate
A lifting rope is attached to the top of the centered leg of the CB Shield insert. Lift and remove the insert. Inspect CB Shield for any possible damage. Quite often leaves will accumulate on the grate. This can actually improve the Shield's ability to capture sediment and assist in preventing leaves litter from being washed down stream.
Use a Sludge Judge to measure the sediment depth in 4 - 6 locations of the sump.
If the sediment depth is 300mm - 600mm deep it is recommended that the unit be cleaned.

Cleaning a CB Shield Enhanced Catch Basin
Open grate and remove CB Shield with lift rope.
Clean catch basin as usual with a Vacuum truck.
Clean CB Shield (if needed) and re-install into catch basin.
If there is any significant damage to a CB Shield please send a picture and its location to CB Shield Inc. (info@cbshield.com).

SEE DWG. SS2

1	SUBMITTED FOR S.P.A.	J.G.	FEB. 24/21
NO.	REVISIONS TO DRAWING	BY	DATE
ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED			

TRIBAL PARTNERS CANADA INC.



12892 DIXIE ROAD

SITE SERVICING PLAN



DESIGNED: J.G. DRAWN: 10/12 CAD CHECKED: A.W.
SCALE: 1:500 DATE: FEBRUARY 2021
PROJECT NUMBER: 201-11545 DWG. NUMBER: SS1

SEE DWG. SS3