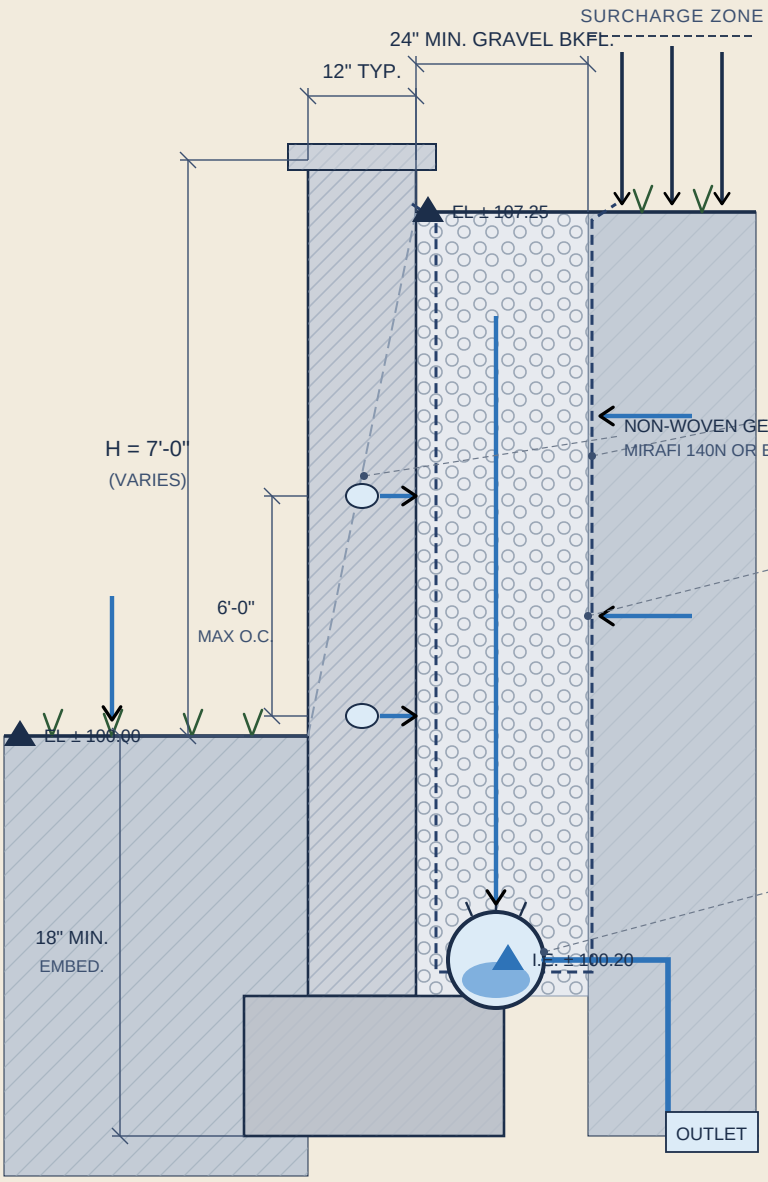
RETAINING WALL DRAINAGE SYSTEM

SECTION A-A — SITE DRAINAGE DETAIL — NOT FOR CONSTRUCTION

SECTION A-A



MATERIAL LEGEND

- Native soil (clay)
- Washed gravel 3/4" crushed
- CMU / cast concrete wall
- Geotextile filter fabric
- Perforated PVC drain pipe
- Drainage flow direction
- Existing grade (dashed)
- Datum elevation marker
- Pipe invert elevation
- Proposed grade (solid)

GENERAL NOTES

1. ALL DIMS IN FEET & INCHES UNLESS NOTED.
2. CONTRACTOR TO FIELD VERIFY ALL SITE CONDITIONS PRIOR TO CONSTRUCTION.
3. GRAVEL: 3/4" WASHED CRUSHED AGGREGATE FREE OF FINES (ASTM C33).
4. FILTER FABRIC: OVERLAP MIN. 12" AT JOINTS.
5. DRAIN PIPE SLOPE ≥ 1.0% TO OUTLET. VERIFY INVERT W/ CIVIL ENGINEER.
6. WEEPHOLES @ 6'-0" O.C. OBSTRUCTION. 6" CRUSHED ROCK FILTER PACK REQ'D.
7. WALL DESIGN BY LICENSED STRUCTURAL ENGINEER. COORD. FOOTING W/ GEOTECH.
8. SURCHARGE LOADS EVALUATED BY GEOTECHNICAL ENGINEER OF RECORD.
9. ALL WORK TO CONFORM TO CITY OF AUSTIN LDC AND DRAINAGE CRITERIA MANUAL.
10. DETAIL IS CONCEPTUAL. SITE-SPECIFIC ENGINEERING REQUIRED BEFORE CONSTRUCTI

DESIGN DATA

DATUM: TOP FOOTING EL = 100.00 (ASSUMED)

WALL HEIGHT: H = 7'-0" (VARIES PER SITE)

GRAVEL: 24" MIN. WIDE — S = 1.0% MIN.

PIPE: 4" Ø PERF. PVC SDR-35 @ S ≥ 1%

STORM ENGINEERING

STORMWATER SPECIALIST · AUSTIN TX · 512-914-7227

DRAWING TITLE

Retaining wall drainage Section A-A

SHEET · SCALE · DATE

C-1 of 3 · NTS · 2026

TYPICAL · NOT FOR CONST