

PROJECT NO.: U-5873SHEET OF
SECTION: 815**SUBSURFACE DRAINS**

SUBDRAIN EXCAVATION (USE 6' DEPTH FOR PROOF ROLLING AND 4' DEPTH ELSEWHERE)	<u>86</u>	YD ³
GEOTEXTILE FOR SUBSURFACE DRAINS	<u>386</u>	YD ²
SUBDRAIN COARSE AGGREGATE (USE 3' DEPTH)	<u>65</u>	YD ³
6" PERFORATED SUBDRAIN PIPE	<u>386</u>	LIN. FT.
6" OUTLET PIPE (6 LINEAR FT. PER PIPE OUTLET)	<u>6</u>	LIN. FT.
SUBDRAIN PIPE OUTLET (USE 1 PER 500' OF PIPE)	<u>1</u>	EACH
EXCAVATION <u>386</u> LIN. FT. x <u>4</u> DEPTH x 0.056 =	<u>86</u>	YD ³
AGGREGATE <u>386</u> LIN. FT. x <u>3'</u> DEPTH x 0.056 =	<u>65</u>	YD ³

**NOTE: USE 6" SUBDRAIN PIPE UNLESS ANOTHER SIZE IS SPECIFICALLY
RECOMMENDED BY THE GEOTECHNICAL UNIT.**

Calculated by : A. Weeks

Checked by : F. Masterson