AWS D1.1 Interpretation

Subject: Ceramic Backing and Welder Qualification
Code Provision: Clause 4
AWS Log: D1.1-06-I10b

Inquiry:
(1) If the WPS clearly states that the ceramic backing to be used will be removed, with back gouging to follow and a back weld then could this WPS then be deemed as prequalified?

(2) Regarding welder qualifications, if a welder is qualified in FCAW-S process using a E70 series electrode (example E71T-11), is he/she qualified to use other E70 (FCAW) series electrodes (example E71T-8)?

(3) Is that same welder also qualified to use FCAW-G (example E71T-1)?

Response:
(1) Yes, provided all conditions for a prequalified weld are met. Backing other than steel is not a prequalified substitute where steel backing is required.

(2) Yes.

(3) Yes.