

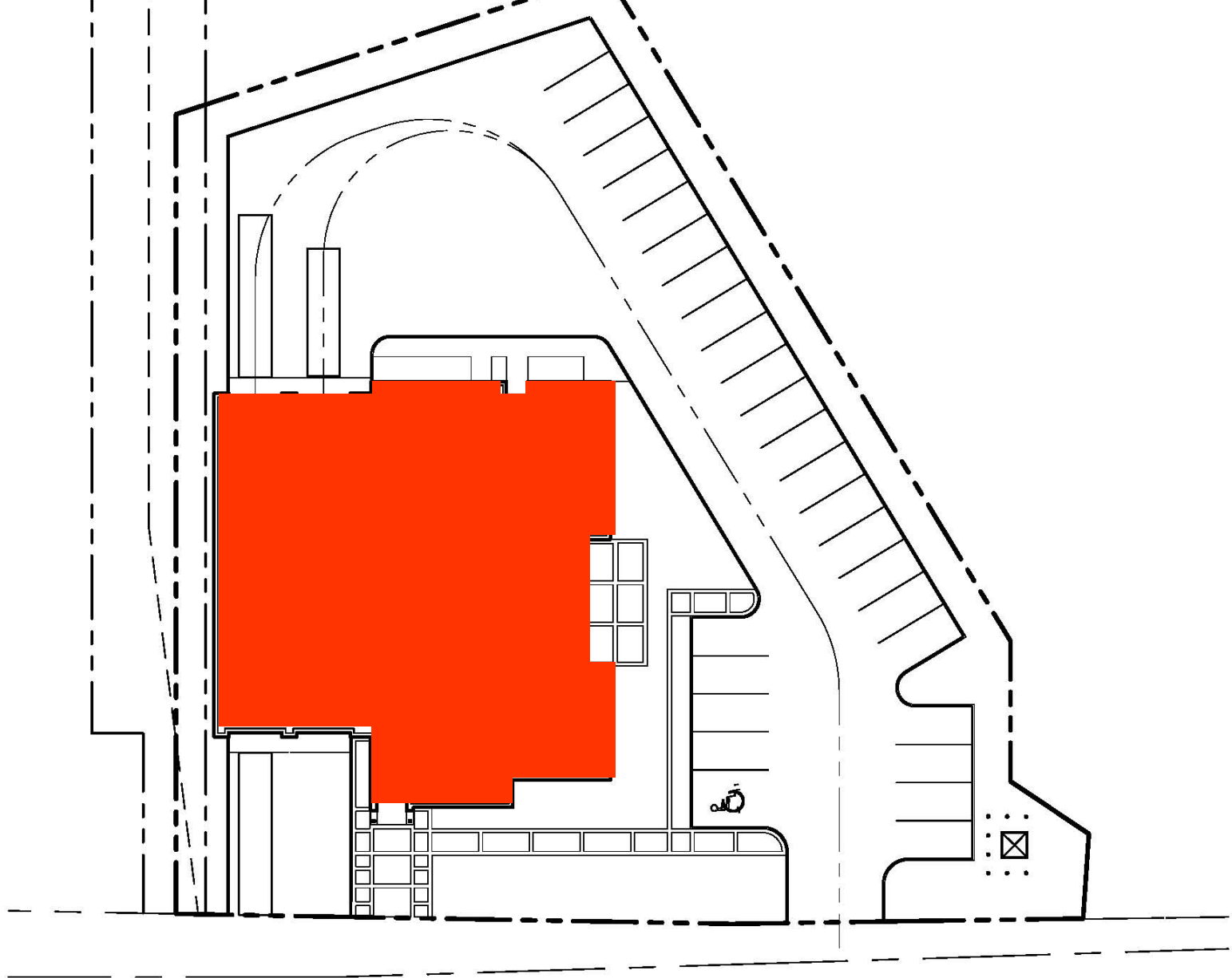


THOMASBROWN
ARCHITECTS

THE TOWN OF MARKHAM

CATHEDRAL FIRE STATION

PROPOSED
SITE PLAN
AND
BUILDING ELEVATIONS

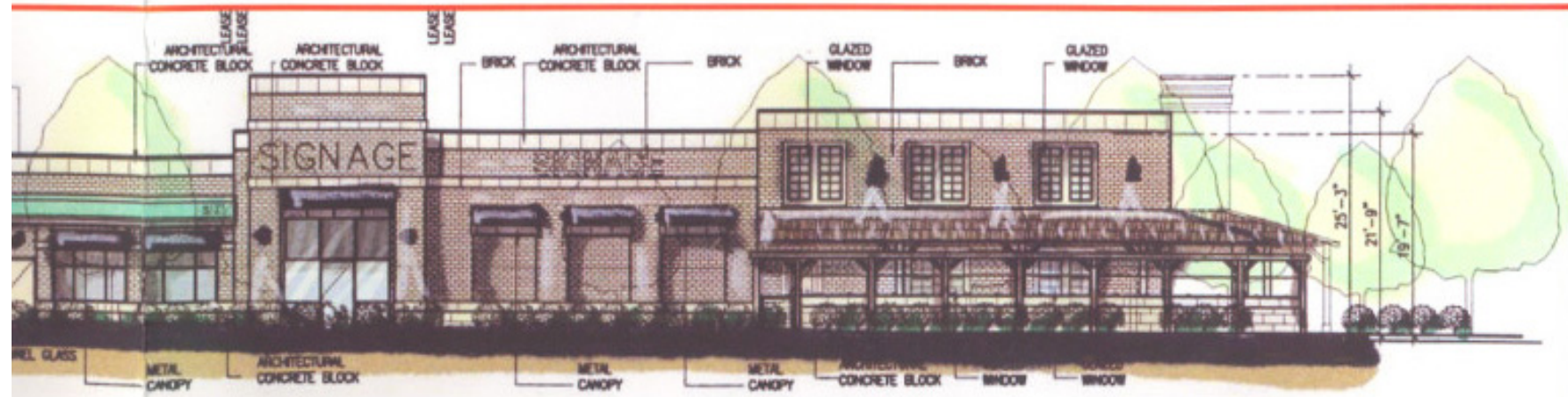


MAJOR MACKENZIE DRIVE

FIELDGATE PLAZA
DESIGN RESPONSE

[illegible]

5 COMMERCIAL C4 SOUTH ELEVATION
A2-3 1/8" = 1'

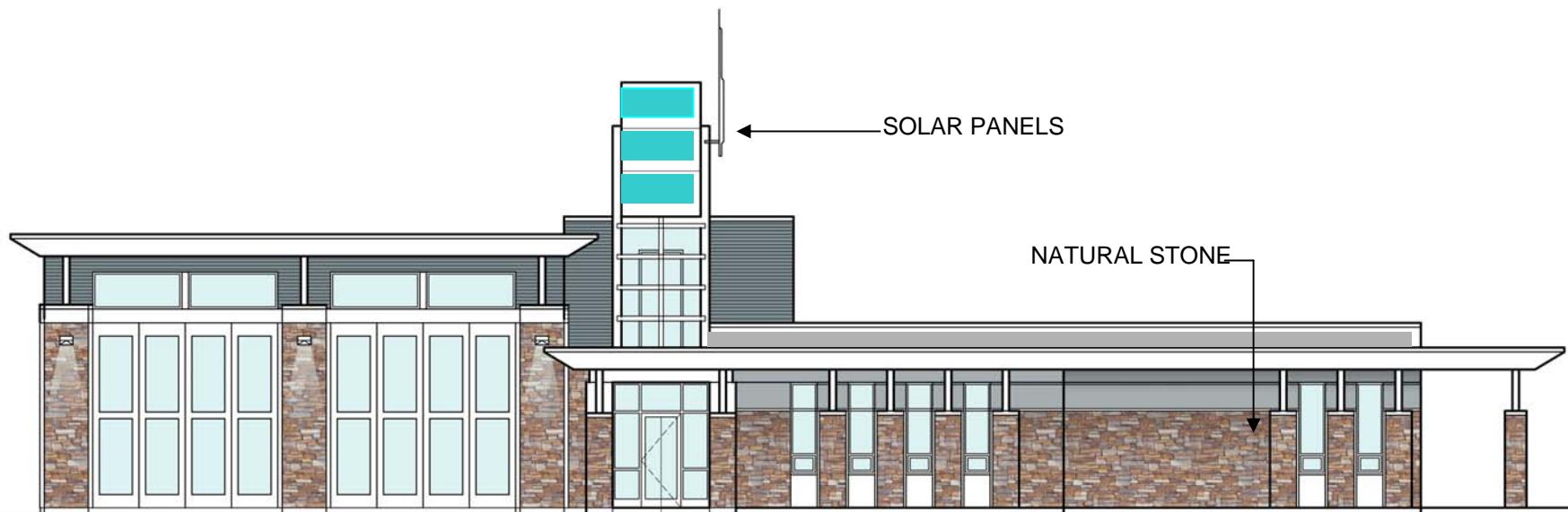




3
A2-4

COMMERCIAL D1 WEST ELEVATION

1/8" = 1'



MARKHAM CATHEDRAL FIRE STATION - PROPOSED **SOUTH ELEV**



MARKHAM CATHEDRAL FIRE STATION - PROPOSED **EAST ELEVATION**



LEEDTM Initiatives



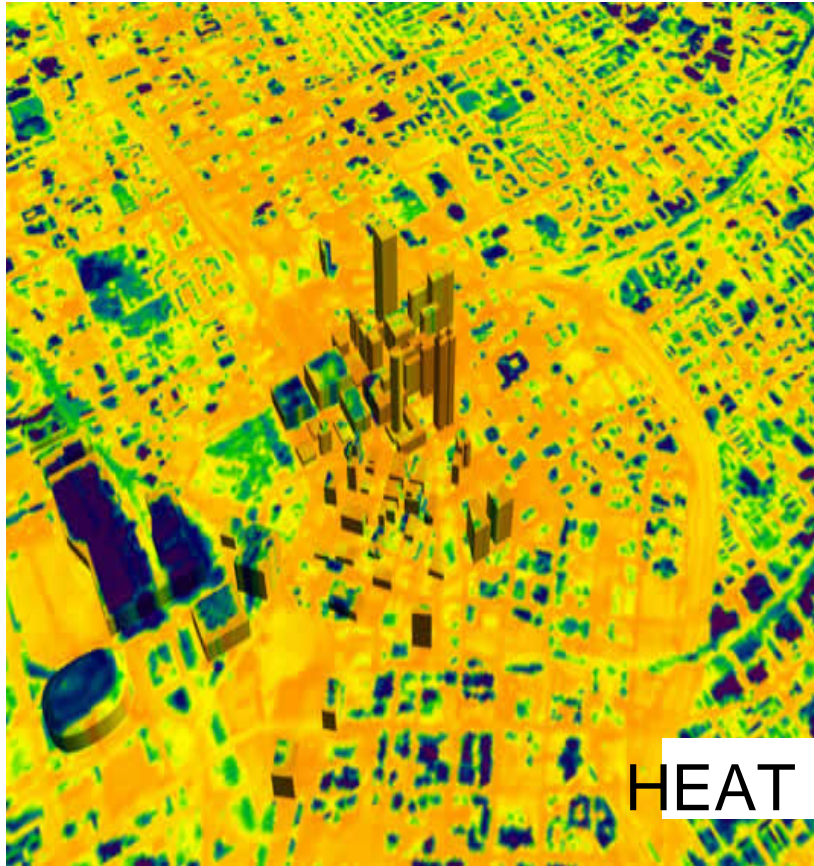
GEO THERMAL EXCHANGE



GREYWATER RECOVERY



>30% WATER USE REDUCTION



HEAT ISLAND MITIGATION



Copyright T. Carlson
SkyNewsPOW@abl.com



LIGHT POLLUTION REDUCTION



SOLAR HOT WATER



RENEWABLE ENERGY

NEXT STEPS

- ENERGY MODELLING
- IDENTIFY LEED / EFFICIENCY TARGETS
- IDENTIFY APPROPRIATE STRATEGIES
 - IDENTIFY COSTS AND PAYBACK
 - TABLE RECOMMENDATIONS