

Request for Decision

Traffic Control - (1) Spruce Meadow Subdivision, Phases 5A & 5B (2) Copper Park Subdivision, Phase 9

Presented To: Operations Committee

Presented: Monday, Dec 03, 2012

Report Date Wednesday, Oct 31, 2012

Type: Managers' Reports

Recommendation

That traffic at the intersection of Country Club Drive and Zina Street be controlled with a Yield sign facing westbound traffic on Zina Street, and;

That traffic at the intersection of Fleetwood Drive and Zina Street be controlled with a Yield sign facing eastbound traffic on Zina Street, and;

That traffic at the intersection of Sapphire Court and Palladium Place be controlled with a Yield sign facing eastbound traffic on Palladium Place, and;

That traffic at the intersection of Palladium Place and Topaz Court be controlled with a Yield sign facing eastbound traffic on Topaz Court, and;

That a by-law be passed by City Council to amend Traffic and Parking By-Law 2010-1 in the City of Greater Sudbury to implement the recommended changes all in accordance with the report from the General Manager of Infrastructure Services dated October 23, 2012.

Signed By

Report Prepared By

Dave Kivi
Co-ordinator of Transportation & Traffic
Engineering Services
Digitally Signed Oct 31, 12

Division Review

David Shelsted, MBA, P.Eng.
Director of Roads & Transportation
Services
Digitally Signed Oct 31, 12

Recommended by the Department

Tony Cecutti, P.Eng., FEC
General Manager of Infrastructure
Services
Digitally Signed Oct 31, 12

Recommended by the C.A.O.

Doug Nadorozny
Chief Administrative Officer
Digitally Signed Oct 31, 12

Background

There are currently three new subdivisions being developed in the City of Greater Sudbury. The following report recommends the appropriate traffic control at newly assumed intersections.

1. Spruce Meadow Subdivision, Phases 5A and 5B

Spruce Meadow Subdivision, Phases 5A and 5B are currently being developed in Azilda (see Exhibit 'A'). The City of Greater Sudbury will assume Zina Street as a public road.

As shown in Exhibit 'A', at the easterly intersection, Zina Street intersects with Fleetwood Drive and forms a "T" intersection. A Yield sign is appropriate when the traffic volume is low, sight lines are good and stopping is not always required. It is recommended that traffic at this intersection be controlled with a Yield

sign, facing eastbound traffic on Street "A".

At the westerly intersection, Zina Street intersects with Country Club Drive and forms a "T" intersection. It is recommended that traffic at this intersection be controlled with a Yield sign, facing westbound traffic on Zina Street. This is a standard form of traffic control at a "T" intersection.

2. Copper Park Subdivision - Phase 9

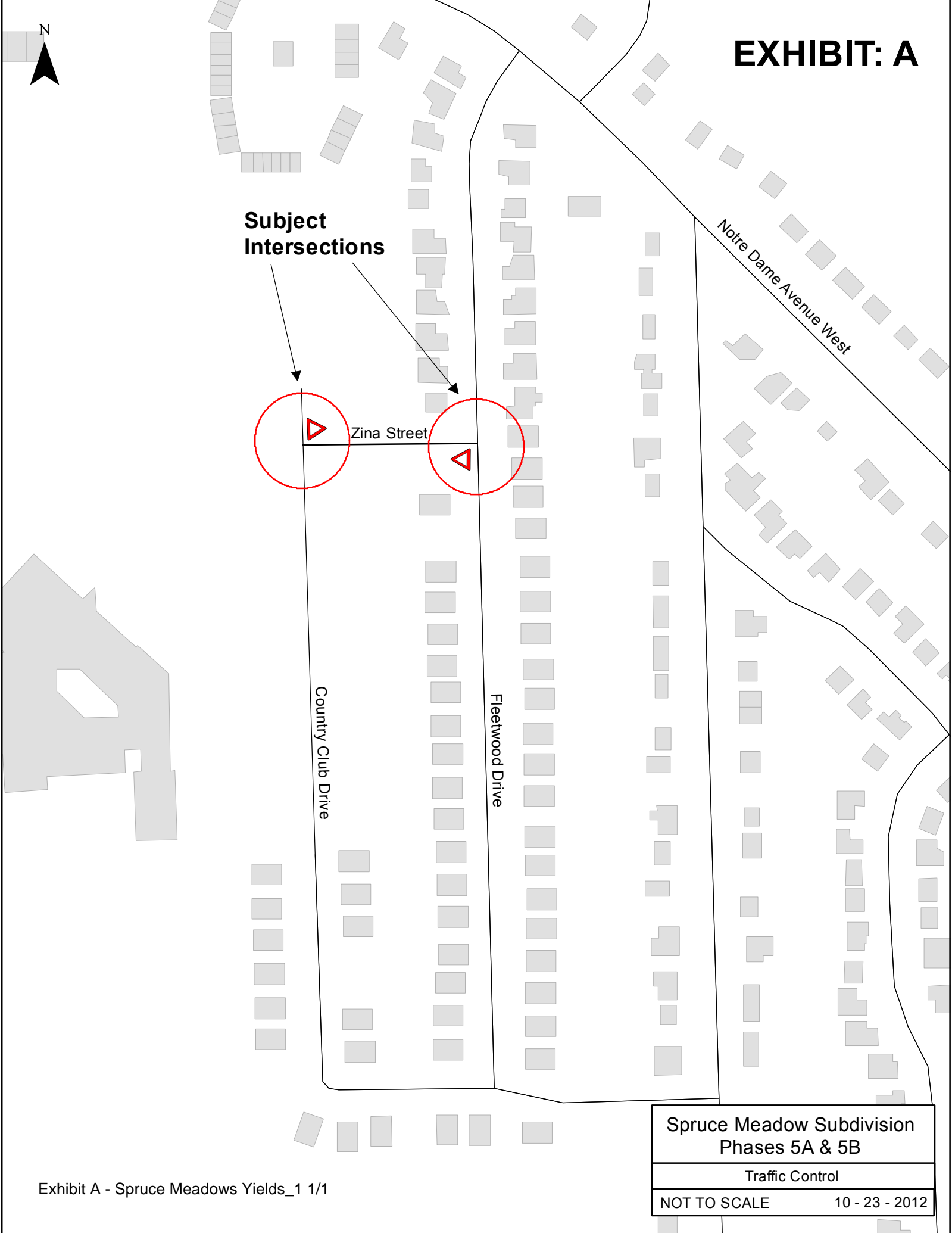
Copper Park Subdivision, Phase 9 is currently being developed in the west end (see Exhibit 'B'). The City of Greater Sudbury will assume Palladium Place and Topaz Court as public roads.

Palladium Place intersects with Sapphire Court and forms a "T" intersection. A Yield sign is appropriate when the traffic volume is low, sight lines are good and stopping is not always required. Therefore, it is recommended that traffic at this intersection be controlled with a Yield sign facing eastbound traffic on Palladium Place.

Topaz Court intersects with Palladium Place and forms a "T" intersection (see Exhibit 'B'). Sight lines are good in both directions. A Yield sign is appropriate when the traffic volume is low, sight lines are good and stopping is not always required. Therefore, it is recommended that traffic at this intersection be controlled with a Yield sign facing eastbound traffic on Topaz Court.

It is recommended that a by-law be passed to amend Traffic and Parking By-Law 2010-1 in the City of Greater Sudbury, to implement the above recommended changes.

EXHIBIT: A



**Subject
Intersections**

Zina Street

County Club Drive

Fleetwood Drive

Notre Dame Avenue West

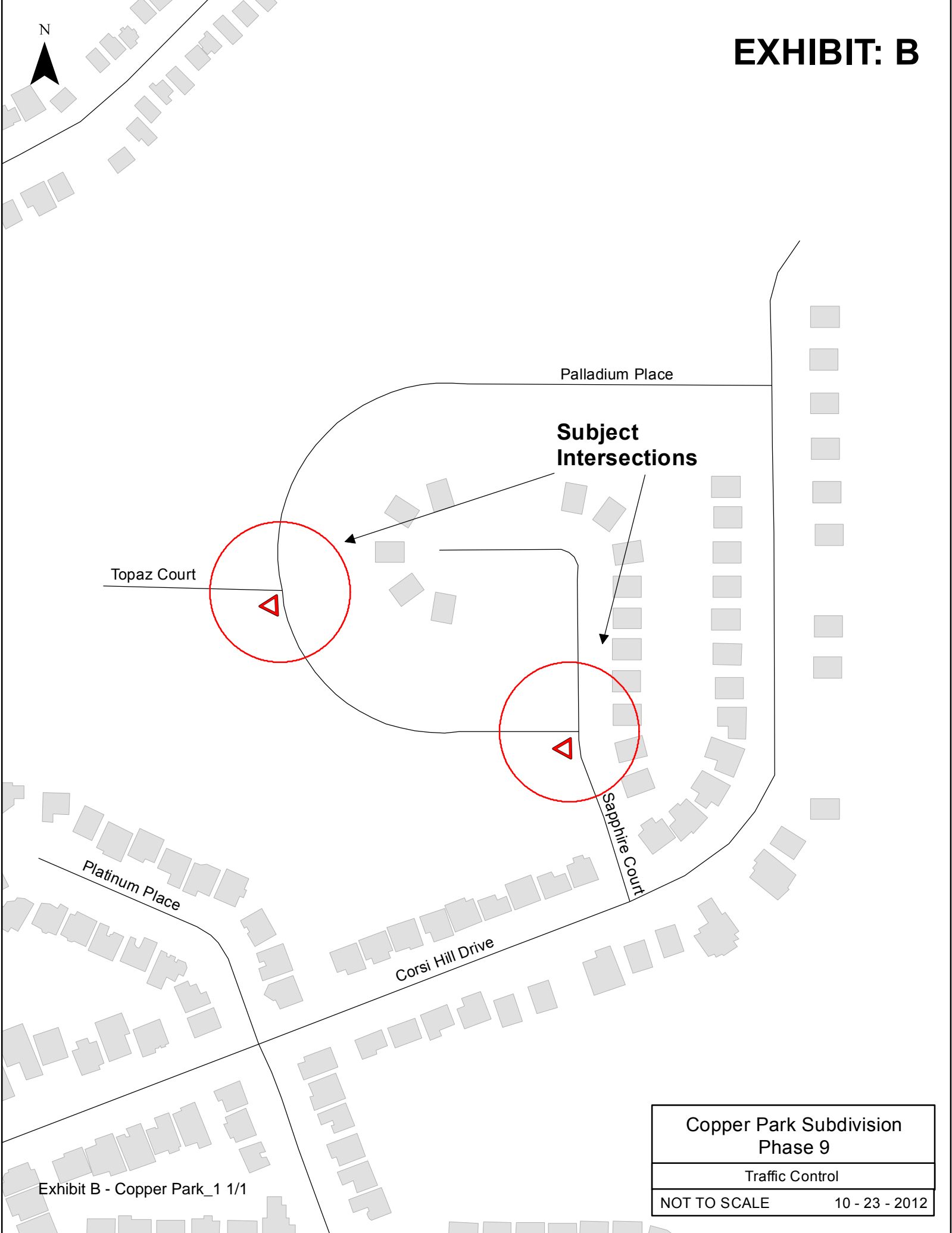
**Spruce Meadow Subdivision
Phases 5A & 5B**

Traffic Control

NOT TO SCALE

10 - 23 - 2012

EXHIBIT: B



**Subject
Intersections**

Topaz Court

Palladium Place

Sapphire Court

Platinum Place

Corsi Hill Drive

Copper Park Subdivision
Phase 9

Traffic Control

NOT TO SCALE

10 - 23 - 2012