ASE STUDY

Anchor Wall Systems:

Providing an Anchor for Large Retail Tenants in the U.S.A.

When a super some comes to sown, it's very likely to be accompanied by one or more tearing, will. The combination is simply smart business. With the high price of commercial property, retail evelopers are focused on maximizing retail and parking space. Assuming dopes are part of the landscape (and they almost always are), well-placed walls can support soil along our banks and fill area. Less land ware, more selling peace. Where municipalities require drainage ponds on the property, craining walls provide added flexholity. As the following projects illustrate. Anchor Wall Systems retaining walls are the perfect complement to large-cale commercial developments with retaining wall needs.

RIGHT ON TARGET

Visit Hastings in Southern Minnesota and you're struck by the pleasant rise and fall of the land around you. It's a hilly country, making for beautiful views — and a few development headaches. A piece of property recently developed for a large shopping area was no exception.

The first major tenant for the property was discount retailer Target. The project engineers had to contend with significant grade changes — a cross slope of about 45 feet (13.7m) — from one end of the lot to the other.



The Sexibility of segmental retaining walls enabled the engineers to create an attractive solution to extreme grade changes at the Target site.

The development plans would require several retaining walls to support a parking let. An access read had to be carved out of the landscape and rimmelby walls as well. When it came time to choose the type of walls, the present variety was cally noted our due to its contraints. The flexibility of segmental retaining walls offered a huge benefit to the empineers, onally accommodating grade changes throughout the project. Wayers Storat, Project Engineer for RLK Kunsinsto Ltd., explains, 'We needed no retain stuff in some right areas, where grade changes across the lot resulted in height variations. Segmental retaining walls simply offered the best solution.'T The developers also preferred the achietic value of the natural-looking walls as opposed to a formed correct defensed

The attractive new Target store is flanked on one side by a two-tiered Anchor Diamond Props wall, which rises up to 14 feet (4.3m) in one corner to support the

packing for. In addition, Anchor Wall Systems retaining walls were built on either side of the access road. The blocks were color matched to the building for a complementary effect. As a finishing touch, the walls were topped with a black wipel chailink from A handsome car-iron entrance was customized for the retailer. Says Sizora, "The client wanted to crute a first-class retail or retailed to the control of look we were aiming for. Everyone involved it pleased with the customer.

SMART WALLS FOR WAL MART

Sloping land and organic soil with a nasty tendency to settle were the chief concerns at the site slated for the devel-



Several sections of wall surrounding the Wal-Mart parking lat were tapered to meet the changing grade of the surrounding soil.

opment of a Wal-Mart store in Eden Prairie, Minnesota. These chillenges were compounded by the relatively small parcel of land available to host the proposed 120,000 square-foot (11.1m²) store and adjoining 960-space parking lot. Significant amounts of soil would have to be moved to bring the street level with the property. In addition, a hill rising behind the building would need to be cut away to make room for a service road.

The landscaping design utilized Anchor Wall Systems segmental reatining value inghe Anchor Diamond² product to solve the land use issues. A wall trining approximately nine fees (2.7m) was executed around the property centring a more gendral grade as care enter the parking lot. The arrestime also serves to support a grade loop leading into a water-bolding pood (expained by the city). Several more Anchor walls were installed to support the service read extraors.

Says Phillip Baum, project executive for the developer, Stalli Contraction. "This was a unique project due to its sheer size. Now that we're seen years out, we can see the results. The project has held up." He adds, "This was one of the first Andrew Wall Systems reasting well intelled in a commercial setting within the city of Eden Patrict. The number of Andrew Wall Systems wells that have gone up in this stars into them is a season to the success of Wall Marris walls."

CREATING A HOME FOR THE HOME DEPOT You'll find another successful marriage of Anchor Wall

Systems and a retail development at The Home Depot store in Crystal Lake, Illinois. Located 30 miles (48.2km) outside of Chicago, the undeveloped property presented similar issues as the projects described above.



This 17-foot-high (5.2m) segmental retaining well constructed of Auchor Diamond® units supports one carner of the parking let and enclases a retention pond on the other side of The Home Depot.

To address grade changes at the site, the plans proposed several retaining walls. A 17-foot-high (5.2m) segmental retaining walls constructed of Anchor Diamond® units was installed to support one corner of the parking lot, next to a retention pond. Another Anchor Wall Systems wall was installed behind the store, to make way for a service road leading to the store's delivery docks.

According to installation manager Jaime Wallace, IIT Landscape Construction, Anchor Wall Systems retaining walls were a natural choice. "The cost savings they offered over concrete walls was the determining factor." He also notes, "the developer appreciated the fact that an Anchor Wall Systems retaining wall has natural restures, which look much nier than a slab of concrete." By all appearances, the local citizens, visiting shoppers, and retail neighbors wholeheartedly agene Bl