



 **Glen-Gery Brick**

Brickwork
Design
Magazine

Special Edition

Sprint World Headquarters

Table of Contents

SPRINT WORLD HEADQUARTERS CAMPUS

The City of Brick
page 2-11

SPRINT DESIGN TEAM

Looking Back on a Job Well Done
page 14-15

BRICKMAKING

Manufacturing to Meet Demanding Expectations
page 16-18

BRICKWORK DESIGN ADVISORS

Experts in the Details
page 19-20

BRICK GUYS

Coordination – Flexibility – Networking – Commitment:
Glen-Gery Sales Service Teams Are Professionals Plus
page 21-23

GLEN-GERY CORPORATION

page 24

SPRINT PROJECT TEAM

inside back cover





Building the equivalent of a small city hadn't been done before.

Sprint, the widely recognized industry leader in the field of telecommunications, conceived its new world headquarters site as a rich environment of architecture, natural setting and corporate philosophy designed to unite the company's widespread divisions and inspire learning, sharing and accomplishment.

To realize the vision of "One Sprint," the company organized a team of architects, contractors, engineers and suppliers to begin construction in 1997 on a 200-acre corporate campus in Overland Park, Kansas.

This special issue of Brickwork Design Magazine is devoted to the construction of the Sprint World Headquarters Campus and to how Glen-Gery Brick successfully took on the challenge of meeting the brick needs for the "largest development project in North America."



ACKNOWLEDGEMENTS

Glen-Gery wishes to thank Sprint's Corporate Real Estate Department for their invaluable help in researching this project and for allowing us access to the campus and project archives. We are especially appreciative to Sprint for permission to reproduce the aerial photograph above.

The City of Brick





There must have been one point during the groundbreaking ceremony of the Sprint World Headquarters Campus in the summer of 1997 when everyone held their breath. How would this visionary project – the largest masonry construction project in North America using over 7.5 million brick – turn out? No one knew. No one could have guessed.

Building the equivalent of a small city hadn't been done before.

After years of detailed planning and research, Sprint made the decision in 1996 to consolidate scattered locations in leased and owned office space into a single campus community in the Kansas City Metropolitan area. A facility would be built to accommodate 14,500 employees and serve as a centralized location for research, operations and administration.

The design objectives were laid out in the Sprint World Headquarters Mission Statement: "Enhance and support the idea of a 'seamless Sprint' to encourage interaction and cooperation at every level of the corporation; provide a pleasant and effective working environment for all Sprint associates; enhance Sprint's ability to recruit and retain top talent in Kansas City; provide a reasonably economical alternative to current space strategies; provide a strong corporate image for associates, partners and customers."

Sprint specifically wanted its operations center to convey the message that this world class leader in high-tech telecommunications is a long, established presence within its industry. In fact, in 1999, the year employees began moving in, Sprint celebrated its 100-year anniversary.

When Sprint approached Hillier, hired as architect of record for the new corporate campus, they asked that the design be in keeping with the company's mission statement and strategy of identity awareness. The New Jersey-based firm was also to consider that the site is expected to serve the company for at least 50 years.

the "wow!" factor by the numbers

- 200 = acre campus
- 4 million = square feet of office space
- 17 = office buildings
- 14 = parking garages
- 60 = percent of grounds dedicated to green space
- 1 = post office, with its very own zip code
- 1 = on-staff locksmith
- 750,000 = sq. ft. built each year during 5-year construction term
- 7.5 million = Glen-Gery brick used**
- 1,200 = construction workers on campus daily
- 1 = 8-acre lake
- 7.2 = acres of wetlands
- 1 = campus mascot to help control geese population
- 6000 = trees planted
- 100 = approx. number of species of plants and trees
- 100 = acres of carpeting
- 1 = concrete plant on site during construction
- 1 each = fitness center, 300-seat auditorium, 3000-seat amphitheater, dry cleaner, hair salon/barbershop, pharmacy, flower shop, travel center, jogging trail... and many other amenities
- 40,000 = flowering bulbs
- 2,100 miles = copper cable (equals distance from Los Angeles to Atlanta)



What Hillier presented to Sprint executives was a timeless and classic choreography of architectural elements that would endure long after many trends faded.

“Small city” is no exaggeration. Sprint’s new headquarters extends over 200 acres, encompassing four million square feet of space in 17 office buildings, a Customer Technology Center, Fitness and Health Center, state-of-the-art auditorium, retail shops and dining facilities ranging from café to gourmet.

Clustered within walking distance to each other, the various Sprint buildings are readily accessible from a series of 14 parking garages rimming the curved edge of the site. The configuration of concrete structures serves as an added security measure to physically separate the core buildings from their surrounding urban neighbors.

Protecting employees and facilities is a top priority managed by a combination of high-tech and hands-on approaches. Optical readers, touch-screen monitors and closed circuit television are tracked 24 hours a day from a 3,800 square-foot command center. Workplace safety is further ensured by a round-the-clock patrolling security staff.

CAMPUS CULTURE

The final campus design became an ingenious plan that intentionally blurred the line between business functional and weekend recreational. Sixty percent of the grounds is devoted to green space nurturing over 100 different species of trees and plants, including 6,000 trees alone. Ensnared in this oasis of refreshing surroundings are garden courtyards, fountains, ponds, nature trails and numerous visual comforts for employees and visitors to enjoy.

Carved into the landscape is an eight-acre lake surrounded by flowered and wooded wetlands. At the center of activity a 3,000-seat amphitheater emerges from a hillside – the perfect venue for warm weather assemblies.

To further articulate the collegiate theme, the neighborly, open complex is intentionally low-rise to encourage colleagues to interact between departments. None of the more



the clocktower

Stretching 175 feet above the expanse of campus buildings, the clock tower stands as a welcoming focal point. The spire atop the eight-story tower is threaded with a golden Sprint logo that catches the sunlight and shines visibly from any part of the campus. Prominently below the roof is a 18-foot-wide clock face. In addition to chiming, the clock is programmable to play 100 different songs.

Of all the campus features that “wow” visitors, the clock tower is number one.



It was the desire of Sprint to build a signature corporate headquarters that affirmed the company's underlying philosophy to its employees and the public.

than 21 brick buildings is taller than five stories, the exception being the lofty focal point at the center of the campus – the Clock Tower.

Traffic on campus is restricted to pedestrian and trolley; nonetheless, public transportation is plentiful and varied, and on-site employee parking garages hold up to 10,000 cars.

What Hillier presented to Sprint executives was a timeless and classic choreography of architectural elements that would endure long after many trends faded.

BRICK, THE NATURAL CHOICE

The choice of exterior cladding became an important consideration if the visually linked buildings were to stand in harmony with their surrounding space as the design concept proposed.

Wood was ruled out as too high maintenance and impractical for the Kansas City freeze/thaw cycle. Stone, while impressive, was prohibitively expensive and could easily overpower in the relaxed atmosphere Sprint sought to create. Concrete slab was disregarded as unattractive as was glass for being too “cold” and overly sophisticated.

Sprint and their architects elected to use brick as the primary building material because it was affordable, durable, required little maintenance and, when used on a large scale, was not overbearing. More importantly, the warm, traditional look of brick was appropriate for a campus setting.



personalized brick

The Personalized Brick operation at Glen-Gery's Bigler Plant helped memorialize the construction of the Sprint World Headquarters Campus by engraving the special "Harding Blend" bricks installed at "million brick" milestones.

Honorees chosen to lay milestone brick were company officials closely involved with the development of the campus. The 7 millionth brick was placed by William T. Esray, Chairman and Chief Executive Officer, on April 11, 2002.

It is interesting to note that the 6 millionth brick milestone recognized the contributions of Sprint's Design Team. On three separate brick are the names of the principals of the outside firms who collaborated on the project: Bob Hillier of the architectural firm Hillier; Terry Dunn, J.E. Dunn Construction Company; and Hugh Zimmer, Zimmer Management Company, owner's representative.



CONSTRUCTION PHASE



From groundbreaking to moving in, the Sprint headquarters was projected to take a mere five years to build. The plan called for construction to ensue all at once, a departure from standard practices for a project of this scope and scale. Simultaneous building

offered the advantages of buying in bulk, thereby holding down cost and shortening completion time.

Accomplishing this feat called for colossal coordination. Overseeing the effort was Sprint World Headquarters Campus Project Manager Dave Lovetere, a Professional Engineer who devoted 12 years of his career to working solely on the Sprint project.

The entire Sprint campus was designed on site in a 22,000 square-foot project office where lead architect Hillier teamed up with local architects from Kansas City to supervise the execution of the master plan. J.E. Dunn Construction of Kansas City, Missouri, served as construction manager and mason contractor.

Dubbed “the largest mobile home in Kansas City,” the 22 conjoined trailers served as a base for the 50 architects and engineers, as well as 65 contractors on site throughout the project. At its peak 1,200 construction workers were also on hand pouring concrete, moving steel and laying brick.

Before the massive building got underway, the selection of brick had to be specified. The field brick, “Harding Blend,” came from Glen-Gery’s York Plant. An extruded, predominantly red brick, Harding Blend has a matt texture flashed with soft gray and plum overtones. Glen-Gery’s Caledonia Plant supplied “Black Beauty,” the dark accent brick. Early in the construction phase several of the buildings used molded brick from Glen-Gery’s Mid-Atlantic Plant.



Sprint Pre-paid Phone CardSM

A special series of promotional phone cards was issued to construction workers who practiced good jobsite safety during the building phase. The artwork on the cards depicts aspects of the project from concept to completion.

Following the selection of brick, a 10,000 unit prototype was constructed. Accurate in details such as roof lines, window treatments, masonry corners and connections, masons were to reference the model as their work progressed, and by that means maintain consistency from building to building.

Although designed with subtle differences to impart character, the individual Sprint buildings overall bear a unifying look. They have a clearly defined base, middle and top. The roofs are gabled to guide the eye up and across the array of facades, which are attractively banded in single courses of recessed accent brick. Such aesthetic use of corbelling adds a visual softness that restrains the buildings from taking on the often flat look of office structures.

Altogether, Glen-Gery delivered 7,501,126 brick to the Sprint project. This included 500,000 “shape” masonry units, the majority of which were hinge shapes used on exterior walls in those buildings designed with angles not conforming to 90°.



stockyard pavers

Kansas City is famous for its rail side stockyards widespread in the 19th century and for the colorful brick that paved them. Dating from 80 to 100 years old, stockyard pavers were reclaimed from various sites representing about 100 acres around Kansas City. Excavation began in the 1970's, and the product proved so popular as an architectural accent, there are few remaining pavers to harvest.

More than 150,000 stockyard pavers are used in three locations on the Sprint campus.

DESIGN BECOMES REALITY

As the campus began to take shape, Sprint celebrated every millionth brick milestone with a permanent memorial. Company officials closely involved with the development of the campus were asked to lay mortar and set in place personalized brick inscribed with their name and the ordinal number designation: “1,000,000th brick placed by...”, etc.

Eventually, whole buildings rose from the chaos of the construction site and Sprint began the arduous task of relocating thousands of





the courtyards

On campus, the landscape factors into the final design as importantly as the architecture. Woven into the available space flowing between the loosely clustered buildings, are six distinct courtyards that invite employee activity to extend outdoors. Their names allude to intended uses: Arrival Courtyard, Reception Courtyard, Gathering Courtyard, Relaxation Courtyard, Assembly Courtyard and Recreation Courtyard.



employees. To ensure a smooth and efficient transition, groups of 75 to 350 moved in over a series of consecutive weekends. On the following Monday mornings, employees reporting to their new workspaces found telephones and computers wired and ready to go.

It was the desire of Sprint to build a signature corporate headquarters that affirmed the company's underlying philosophy to its employees and the public. Completed in fall 2002 – on time and on budget – the Sprint World Headquarters Campus does indeed stand as a high-performance center for learning, research, development and the commerce of communication.

city of fountains

Kansas City is second only to Paris, France, in the number of fountains. In keeping with local tradition, the Sprint campus is adorned with water features.

The Grotto Fountain, one of the largest in Kansas City, moves 5,000 gallons of water per minute in a rush of white noise that softens the sounds in a courtyard lunch area. Under a roof of trelliswork, the Pergola Fountain extends as a 70-foot by 10-foot curtain of gently falling water to refresh employees dining outside. Next to the Winter Garden a granite reflecting pool with a misting fountain serves as the focal point in this museum-quality setting.

Fountains and water are scattered throughout the campus. Visually stimulating, their presence goes beyond aesthetic. These reservoirs and structures manage rain run-off, provide irrigation and dampen street noise.

7,501,126 bricks





Sprint Design Team:

Looking Back on a Job Well Done



(Left) Phil Dordai, Principal-in-Charge and Bob Hillier, Client Advocate, at Hillier's headquarters in Princeton, New Jersey. Hillier was architect of record on the Sprint project.

HILLIER — *Phil Dordai, Architect*

The day we kicked off the project a Sprint representative asked me, "Why at this stage in your career would you want to take on a project like the new Sprint campus?" The question was intriguing in its simplicity.

Good architecture really knows no age and one might say the same is true for architects. Architecture has the interesting aspect of being a permanent (or at least long-standing) manifestation of an intellectual pursuit by mankind. Architects are challenged to meet the needs of society – functionally, culturally, and spiritually. With that challenge comes the responsibility of changing the landscape in which the society exists.

The challenge of the Sprint campus was not only the size and the scope of the undertaking, but also the bringing together of a corporate culture that had been diversified into over 50 different locations in Kansas City, to a single place that every Sprint employee would identify with, take pride in, and call "home."

Creating an architecture that was personal, distinctive, and interesting in its variety and detail while still being of a single place and theme, became very important. Among the thematic threads tying the 200-acre campus together and carrying it forward over the years as a distinctive and special place was the choice of brick as a building material.

From the beginning we knew that the selection of brick was one of the most important design decisions to be made on the entire campus. As a material, brick conveyed permanence, quality, warmth and the uniquely humanistic character of something built by hand. Brick also had the aspect of aging gracefully in its natural ability to hide the dirt that the elements bring to any building.

Four-and-a-half years, 14,500 people, and 7.5 million bricks later, the Sprint campus in Overland Park stands as a testament to the vision of Sprint's Chairman and Chief Executive Officer Bill Esrey and the powerful phone company that grew out of a collection of small local phone companies into a communication powerhouse appropriate to the 21st century. As their master architects, it has been both an honor and a pleasure for Hillier to be a part of this exciting journey in creating a new and permanent home for Sprint.



Robert W. Radford, Zimmer Management Company

Bob Radford served as Senior Project Manager with Zimmer Management Company, the firm chosen by Sprint to act as its Owner Representative for the construction of the World Headquarters Campus. Primarily, Bob managed all aspects of the development effort in order to assure Sprint that their campus was properly designed and built. As an architect licensed in the state of Kansas and a brick specialist, Bob lent a firsthand level of expertise to all masonry-related issues on campus.



Dan Euston, Sr. Vice President

J.E. DUNN — Dan Euston, Sr. Vice President

J. E. Dunn Construction is proud to have had the opportunity to be the Construction Manager on this unique and challenging project. Completing over 4.1 million square feet of finished office space and 4 million square feet of structured parking in just over 4-1/2 years required a complete team effort of all those involved in the project. The fact that the entire campus was completed under budget and that all of the buildings were turned over on or ahead of schedule, despite the tightest labor market in Kansas City's history, was something we are all very proud of having accomplished.

We are honored to have been part of the team that brought this world-class campus to the heart of the Midwest.



Faye Manker, Sprint

Faye Manker, Vice President of Corporate Real Estate, headed an investigative team to study the infrastructures of other large corporations in order to observe best practices that could be incorporated into the final plan of the Sprint campus. The feedback gathered from on-site inspections, interviews and benchmarking comparisons not only helped avoid design shortcomings, but ultimately resulted in improved organization of the overall campus design.

SPRINT — Dave Lovetere, P.E., SWHC Project Manager

From 1996 through 2002, over 12,000 men and women in the construction industry partnered at the 200-acre site to build a new home for Sprint. An untold number of manufacturers also committed their personnel to produce the various building materials. For many of us, working on a project of this magnitude is the equivalent of playing in the World Series...This is the project you tell your grandchildren about!

During the 22nd century many men and women will come to work at the Sprint World Headquarters Campus. Our hope is that what has been created here will provide a space to inspire them to achieve greatness.



Dave Lovetere, P.E. – Sprint World Headquarters Campus Project Manager

Brickmaking:

Manufacturing to Meet Demanding Expectations



“We put a lot of hours into constantly monitoring the process. We knew from the very beginning that we had stringent color guidelines and that the plant was expected to follow them very closely.”

— Mike Lighty, Plant Manager

Of the very first shipment of bricks to arrive on the campus, 300 were withheld from construction and ornamented with a brass plaque. Symbolic of the landmark project about to ensue, the brick were handed out to people closely involved in the development of the Sprint World Headquarters Campus.

Every detail of the campus – down to the individual bricks – took on a prominent importance and was subject to unwavering scrutiny for quality.



York Plant Manager Mike Lighty

For Glen-Gery, manufacturing the Sprint brick posed significant challenges. The project came along in the late 1990s, a time of high demand throughout the brick industry. Taking on the job meant not only pushing kilns to the limit of their capacity, but agreeing to the exacting standards set forth by the Sprint Design Team, whose expectations would impact already tight production schedules.



In addition to securing guarantees from Glen-Gery that the company had sufficient clay reserves and could ensure product formulation for possible future needs, the Sprint team required that brick be made and shipped as entire buildings, even if the construction schedule allowed for multiple buildings going up at the same time.

Throughout the manufacturing process color consistency was of foremost concern, specifically, maintaining the desired range of color from kiln run to kiln run, building to building. Adding to the challenge was the raw materials of

brick themselves – shale, iron oxide and sand – which by their nature are not so uniformly manufactured in earth.

With quality always in mind, York Plant personnel constructed a mock up of Harding Blend brick at the plant to match the field panel used for color reference at the Sprint campus. As brick emerged from the kiln, samples were pulled from the beginning to end of each run and compared to the master panel. Unacceptable color variations or inconsistent brick were culled.



To maintain color uniformity throughout the four-year span of brickmaking, brick from each production run was laid in a representative panel and then compared to the master panel established for color reference at the start of the Sprint project.



affixed with a specially-made label indicating the building number and a color code linking brick to their respective production run. Sprint had asked that brick arriving on site be, at-a-glance, identifiable to its location. The system designed at York worked flawlessly.

Glen-Gery's Caledonia Plant had similar quality control practices in place as it manufactured Black Beauty, the darker accent brick used in the reticulating setbacks in walls.

During times when both York kilns fired brick destined for a single Sprint building, the two runs were blended to achieve uniformity. While blending, workers would pause every hour to lay a strap of brick and compare the color range to that of the master panel.

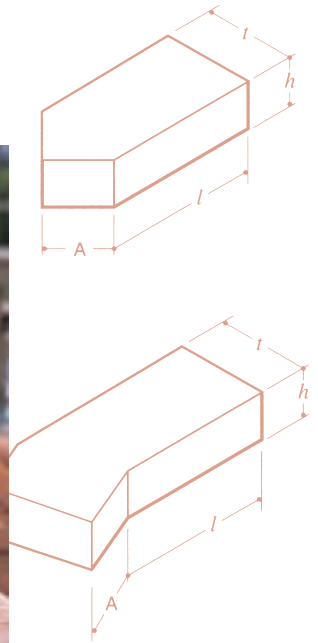
To avoid confusion in shipping, packaged cubes destined for Sprint were

Job intelligence was most helpful in making this long-term manufacturing process run as smoothly as it did throughout the entire project. The Sprint Design Team kept the plants very well informed with details such as how many brick were needed prior to the start of a new building and when brick was to arrive on site.

Good job intelligence helped plant personnel work out production schedules to maximize times when kilns were calibrated for firing products similar to the Sprint brick, and when manufacturing equipment was set to handle modular-sized products. This eliminated the need to make frequent machine changeovers and allowed plants to run as efficiently as possible with the least amount of inconvenience to all customers.

Brickwork Design Advisors:

Experts in Details




(Left) Greg Hileman, Shapes Supervisor at Glen-Gery's York Plant and Gary Clark, Brickwork Design Advisor, work together to create special brick shapes, like those used in the Sprint buildings.

Glen-Gery's Brickwork Design Advisors lent their expertise in evaluating the architectural drawings for the brick structures on the Sprint Corporate Campus. They were asked to make recommendations for brickwork details and, through the use of Glen-Gery's Computer Aided Design facilities, to create special brick shapes.

In all, over 500,000 brick shapes were used on the Sprint buildings: jack and segmental arches echoed the collegiate feel; water tables on fountains and buildings softened the geometric lines and discouraged water penetration; the specification of lipped brick

shapes permitted the inconspicuous use of horizontal expansion joints on structurally fixed shelf angles; and hingebrick and corner brick allowed flexibility in corner treatments.

The greater number of special shapes were custom corner brick used to accommodate window and door openings occurring in curved walls. For aesthetic reasons most of the Sprint buildings deviated from the typical 90° turn of standard construction. The use of corner brick eliminated the highly labor intensive practice of field cutting brick to conform to required angles.



Architects from Hillier sent CAD details to Glen-Gery Design Advisors to first review and then to recommend specific brick shapes. Once the design drawings were approved, CAD working drawings – showing brick shapes in full dimensional detail – were uploaded to Glen-Gery manufacturing facilities. Templates were then made for the special extrusion dies used in the production of the desired shape.

As professional engineers and specialists in brickwork design, Glen-Gery Design Advisors joined the Sprint Design Team as consultants on masonry. Throughout the construction phase they performed

on-site surveys and provided written reports on workmanship/design issues.

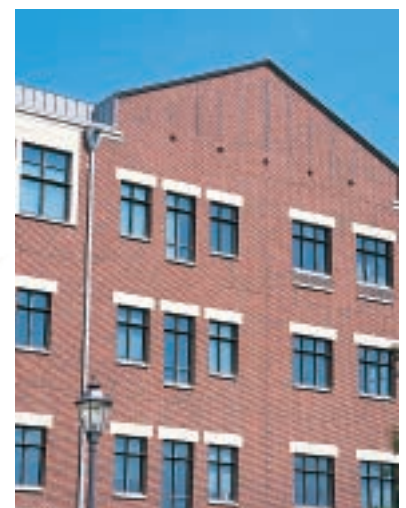
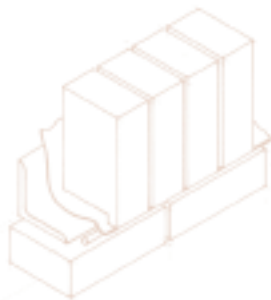
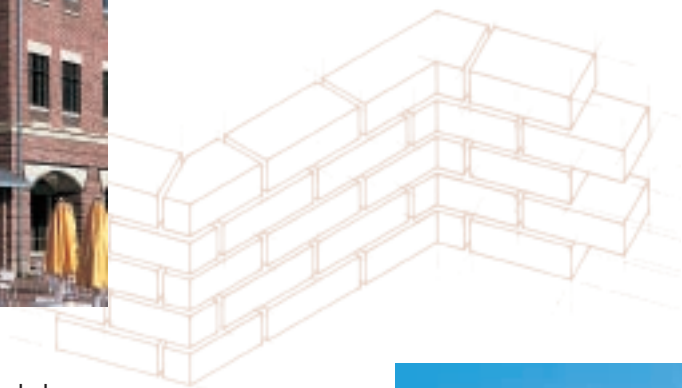
In the case of the decorative corbelling that banded all Sprint brick buildings, Glen-Gery's Design Advisors determined the maximum degree of setback necessary

that would enhance the contrast between the courses of dark accent brick and the lighter field brick without revealing the core hole patterns of extruded brick.

Glen-Gery is one of only a few leading brick manufacturers offering complimentary technical and design services to the architectural and construction community. Custom brick shapes can accomplish a wide variety of architectural details and Glen-Gery Brick is fully equipped to produce customized shapes that conform to specifications.



For aesthetic reasons many of the walls in the Sprint brick buildings do not conform to standard 90° angles.



Lipped brick was used to hide horizontal expansion joints.

Coordination, Flexibility, Networking, Commitment:

Glen-Gery Sales Service Teams are Professionals Plus

In the brick business, it takes a careful balance of manufacturing expertise and skillful communication to keep brick flowing to the jobsite without interruption. Feeding a project the size of the Sprint World Headquarters Campus took more, however. It called for the collaborative and often creative efforts of Glen-Gery's Sales Service Teams.

In awarding a contract for brick to Glen-Gery, Sprint required assurances that sufficient raw materials were available for the project as it was specified, as well as for any future additions to the campus. They also needed guarantees that Glen-Gery had the manufacturing capabilities to produce the estimated

7.5 million brick consistently over the four-year project phase period.

Moreover, it was of paramount importance that Glen-Gery had the coordination in place to meet a complex delivery schedule.

With a breakneck timetable for construction and concern for holding down costs, Sprint insisted on "just in time" delivery of brick.



Bringing together their respective expertise, Hillier Architect John Conroy (left) and Glen-Gery District Sales Manager Jack Lubin exemplify the kind of teamwork that makes projects such as SWHC a success.

Coordination, Flexibility, Networking, Commitment



BRICK CENTERED, CUSTOMER FOCUSED

To satisfy this huge demand for brick while at the same time maintaining the accounts of hundreds of other Glen-Gery customers, the Sales Team working on the Sprint project negotiated a workable solution that would not interrupt the schedule established by Sprint mason contractor J.E. Dunn Construction, nor interfere with Glen-Gery's other commitments. The agreed upon terms were that on three days of each week, Glen-Gery would ship three tractor-trailer loads to the Sprint site. The loads could contain any combination of field, accent or brick shapes.

District Sales Manager Mike Schmedding (left) stays on top of customer needs with the help of members from Glen-Gery's Sales Service Team at the Kansas City Brick Center.

Agreeing to Sprint's terms was a bold decision on the part of Glen-Gery. The project came during a booming brick market when all manufacturers were running kilns full speed, yet shortages within the industry were frustratingly common. At this time of critical usage, few brick manufacturers could have taken on the Sprint World Headquarters Campus under Sprint's terms and successfully completed the challenge.

Not surprisingly, keeping track of this inventory was a monumental task, complicated further by the simultaneous construction of multiple buildings and the need to make bulk runs of brick a single building at a time. Glen-Gery's Kansas City Brick Center skillfully handled materials by monitoring brick shipments from manufacturing plant, to rail yards and trucking docks, and ultimately onto the Sprint site.

Even when a serious problem arose in the method of transportation used, Glen-Gery's Sales and Customer Service Teams were quick to review the situation and direct an alternate plan.

“I know that I can go into a project with the confidence that I have all the right people and all the right tools – in all the right places – to handle everything from start to finish. That’s important to me and to all our customers.”

— Mike Schmedding, Glen-Gery District Sales Manager

As it happened, brick unloaded from railcars showed damage from “humping,” the practice of maneuvering freight cars into position by a series of aggressive pushes. It was decided that, in order to reduce the wastage factor and preserve product quality, all Sprint brick would ship by dry box truck. The switch was made without any interruption of delivery to the construction site.

Glen-Gery’s commitment to extraordinary customer service shone through all phases of campus construction. A good example of this took place when Kansas City architects working on the Sprint campus needed brick samples sent overnight to an interior designer in New York City. A simple phone call from the Kansas City Brick Center to Glen-Gery’s Northeast Regional Sales Office fulfilled the request in time for an early morning meeting.

In fact, Sprint was never once kept waiting for brick. A Glen-Gery Brick professional was always within reach – accessible by phone, fax, e-mail or sales office – to answer questions and guide the

process smoothly along. This kind of service extends to all Glen-Gery customers and is a priority of all our Sales Service Teams.

Contributing also to our successful partnering with the Sprint Design Team was Glen-Gery’s widespread territory of 10 manufacturing facilities, seven brick centers, two regional sales offices and over 800 national distributors. This network of resources gives us the flexibility to meet customer needs, even challenging ones like those encountered on the Sprint project.



Throughout Glen-Gery’s network of brick professionals, quality and service are always priorities. Here, brick shipments are checked in the brickyard at York Plant (left) and at the Kansas City Brick Center (far left).



Glen-Gery Corporation



Glen-Gery Corporation is one of the nation's largest brick manufacturers and holds the distinction as an honored and trusted name in brickmaking throughout the building industry.

Founded in 1890, the company's origins can be traced back to Reading, Pennsylvania, during the height of the Industrial Revolution when new construction began defining the landscape of this country.

Today, Glen-Gery Brick operates 10 manufacturing facilities in the United States and has the capacity to produce 625 million brick. Corporate headquarters is located in Wyomissing, Pennsylvania. Our diverse product line includes extruded and machine molded face brick, brick pavers, and a complete assortment of brick shapes and custom shape units. We specialize in making authentic handmade brick as well as manufacturing an architectural product line of FBX brick.

All of Glen-Gery's products are backed up by a team of expert technical and design professionals who are on staff and available to offer assistance and advice.

Our primary geographic sales/service region is in the Midwest and Northeast. We own and operate manufacturing plants in Illinois, Iowa, New Jersey, Ohio, Pennsylvania and Virginia. In addition, Glen-Gery products are widely available through our network of almost 850 national distributors.

During our century long history, Glen-Gery's growth and success has inspired more than exemplary brickmaking. We focus on superior performance, responsiveness to customer needs, and promoting and building an environment of trust among our customers, suppliers and dedicated employees.

Glen-Gery Corporation, an Oldcastle® company, is owned by CRH plc of Ireland. CRH is the fifth largest building materials company in the world, with activities in more than 22 countries.

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Caledonia, OH

Capitol Plant
Manassas, VA

Hanley Plant
Summerville, PA

Iberia Plant
Iberia, OH

Jersey Shale Plant
Hillsborough, NJ

Marseilles Plant
Marseilles, IL

Mid-Atlantic Plant
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Redfield Plant
Redfield, IA

York Plant
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J.E. Dunn Construction Company

ARCHITECTS:

Hillier

Berkebile Nelson Immenschuh McDowell

Devine deFlon Yaeger Architects, Inc.

Rafael Architects, Inc.

Gould Evans Goodman Associates

Group One Architects

Patty Banks Associates

BRICK MANUFACTURER:

Glen-Gery Brick

ENGINEERS:

PTI Consulting Engineers

R.G. Venderweil Engineers

Gibbens Drake Scott Consulting Engineers

Walter P. Moore & Associates Inc.

George Butler Associates

Transystems Corporation

COMMISSIONING AND TESTING:

Affiliated Engineers

VirCon, Inc.

Terracon Consultants, Inc.

URS Corporation

LEGAL COUNSEL:

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