

#2010-51 Chase Bank – 1185 S. Route 31 Lutter Center Project Review for Planning and Zoning Commission

Meeting Dates: September 1, 2010 and September 15, 2010

Requests:1. Preliminary and Final Planned Unit Development to allow the construction of a financial institution

2. Variations from:

A. Article 4-200 D 5 to allow the parking to exceed the maximum of 125% of the required parking spaces and not utilize impervious materials,

B. Article 4-1000 Table 4-1000 E 1 to allow wall signage to exceed the maximum of 150 square feet to allow 202.51 square feet.

C. Article 4-1000 Table 4-1000 E 1 to allow a free-standing sign to exceed the maximum 5 feet in height and 32 square feet to allow a sign24 feet in height and 99 square feet.

Location: 1185 South Route 31 (Lutter Center)

Acreage: Approximately 1.6 acres

Existing Zoning: B-2 PUD General Commercial

Surrounding Properties: North: B-2 PUD General Commercial (Central Park retail)

South: Village of Cary

East: B-2 PUD General Commercial (Wal-Mart Supercenter)

West: B-2 PUD General Commercial (nursery)

Staff Contact: Elizabeth Maxwell (815.356.3615)

Background:

The subject property is a vacant 1.6 acre lot in front of the Wal-Mart Supercenter. Chase Bank is proposing constructing a new branch location on this site. This site is part of the Lutter Center PUD and requires a preliminary and final PUD approval. The petitioners are requesting the preliminary and final PUD approval as well as variations to the parking and signage requirements.

Land Use Analysis:

Site

The new branch building would be placed within the center of the lot. Access to the site will be from the existing frontage road from Central Park Drive or the adjacent right-in/right-out drive from Route 31. Full two-way access is provided around the site including a bypass lane around the drive-through lanes. The front of the bank will face Route 31. The drive-through is located on the south side of the bank which will be visible from Route 31. There are 3 drive-through lanes and 1 drive-through ATM lane.

Parking

The site is providing 48 parking spaces located on the north and west sides of the building. Financial Institutions with a drive-through are required to provide 1 parking space per 350 gross square feet of building space. At 4,214 the Chase Bank is only required to provide 12 parking spaces. The UDO allows for parking lots to be oversized and any parking lot that provides over 125% of the required parking should do so with pervious materials. Thirty-three of the parking spaces should be of pervious material, which could include pervious asphalt or interlocking pervious paver blocks with gaps filled with fine gravel. The overall impervious coverage is 59%; 65% impervious is permitted. The reduction in the parking area would allow the engineer to better design for water management BMP's.

Landscape

The site has landscape planned for the perimeter within the berm around the west and south sides and the islands on the north and east sides. Foundation base landscape would be a variety of small ground shrubs and flowers. The trash enclosure and transformer are located in the rear of the building and will be screened with deciduous and evergreen plants. The site is located within the Village of Cary's groundwater recharge area. The site will need to be designed with BMP's. These BMP's shall be incorporated within the proposed landscape or handled mechanically.

Elevations/Signage

The building is designed with a CMU base, brick main wall area and EIFS top portion. The building has a flat roof with a peaked roof above the front center portion of the building. This building is adjacent to the Central Park inline retail buildings and the Wal-Mart Supercenter. Wal-Mart selected Sand and Cream for their EIFS colors with Promenade Blend for the brick and a deep brown colored CMU. Chase Bank is selecting White CMU for the base, Red Sunset colored bricks and Decorous Amber as the EIFS color. Material samples are required to ensure that the Chase Bank color selections will blend well with the Wal-Mart center appearance.

Since this lot is the gateway to the City, a high quality of architecture is required. Both the Central Park inline retail buildings and the Wal-Mart have column elements. The Chase Bank building should also create more defined column elements. Additional architectural elements or details should be added to the drive-through canopy so it is better integrated with the building's architecture. The window bays shall be recessed or have larger headers and sills to provide additional detail around them.

The signage requested is 202.51 square feet and includes the main Chase sign and logos as well as the signage on the drive-through canopy. Stand-alone buildings are permitted up to 150 total square feet of building signage. Chase is requesting a 52.51 square foot variation. Chase is proposing a 4-foot wide 24-foot tall free-standing sign. The UDO permits signs for office tenants to be 5-feet high and 32 square feet. This is a variation of 19 feet in height and 67 square feet. All proposed signage should meet the UDO requirements.

Findings of fact:

Preliminary and Final Planned Unit Development

The petitioner is requesting approval of a Preliminary and Final Planned Unit Development to allow the construction of the financial institution in the B-2 PUD zoning district. A Planned Unit Development is a Special Use and Special Uses require separate review because of their potential to impact surrounding properties and the orderly development of the City.

Section 2-400 B General Standards for all special uses in the Unified Ordinance establishes standards for all special uses in Crystal Lake. Briefly, the criteria are as follows:

1.	The use is necessary or desirable, at the proposed location, to provide a service or facility which will further the public convenience and general welfare.
2.	The use will not be detrimental to area property values.
3.	The use will comply with the zoning districts regulations.
4.	The use will not negatively impact traffic circulation.
5.	The use will not negatively impact public utilities or municipal service delivery systems. If required, the use will contribute financially to the upgrading of public utilities and municipal service delivery systems.
6.	The use will not negatively impact the environment or be unsightly.
7.	The use, where possible will preserve existing mature vegetation, and provide landscaping and architecture, which is aesthetically pleasing, compatible or complementary to surrounding properties and acceptable by community standards.

8.		e use will meet Meets	equirements of all regulating governmental agencies. Does not meet
9.	The	e use will confo Meets	m to any conditions approved as part of the issued Special Use Permit. Does not meet
10.	_	e use will confo Meets	m to the regulations established for specific special uses, where applicable Does not meet
			also meet the standards in Section 4-500 C. Development Standards and standards for Planned Unit Developments Commercial PUDs.
	1.	Implements th	vision and land use policies of the Comprehensive Plan.
	2.		t in substantial adverse effect on adjacent property, natural resources, ublic sites or other matter of public health, safety and welfare.
	3.	PUD's must p Meets	ovide transitional uses to blend with adjacent development.
	4.	PUD phases m	sst be logically sequenced. Does not meet
	5.	The density ar	intensity of a PUD shall be in accordance with the Comprehensive Plan. Does not meet
	6.		l standards shall be listed within the PUD plan if they do not meet the mum standards. \[\sum_{Does not meet} \]
	7.	_	e parties for all on-site and other required public improvements shall be a utility plan indicating all proposed easements shall be provided. Does not meet
	8.	Any private in Meets	rastructure shall comply with the city standards. \[\sum Does not meet \]
	9.	The PUD plan Meets	hall establish the responsibility of the applicant/developer. Does not meet
	10.	A bond or lette	of credit shall be posted to cover required fees or public improvements. Does not meet

Planned Unit Development Variations

The purpose of Planned Unit Developments is to encourage and allow more creative and imaginative design of land developments than is possible under district zoning regulations. Planned Unit Developments are, therefore, intended to allow substantial flexibility in planning and designing a proposal. This flexibility is often in the form of relief from compliance with conventional zoning ordinance site and design requirements.

Ideally, this flexibility results in a development that is better planned, contains more amenities, and is ultimately more desirable than one that would have been produced through compliance with typical zoning ordinance and subdivision controls.

Therefore more lenient site requirements may be granted where the Planned Unit Development contains features not normally required of traditional developments. If the evidence is not found to justify such conditions, that fact shall be reported to the City Council with a recommendation that the variation request be lessened or denied.

The petitioner is asking for two variations in conjunction with their PUD request. The first is to allow the parking to exceed 125% of the required parking and not utilize impervious materials. This variation goes against the ideals of a PUD which require creative and imaginative design. Staff would require that data be provided to the City illustrating the total number of employees on shift and number of customers per hour to support a higher parking need. Staff can then reevaluate the parking and any parking exceeding the 125% shall be constructed of pervious materials.

The second requested variation is for the wall and free-standing signs. Staff would recommend that any proposed signage meet the requirements of the UDO.

Recommended Conditions:

A motion to recommend approval of the petitioner's request with the following conditions:

- 1. Approved plans, reflecting staff and advisory board recommendations, as approved by the City Council:
 - A. Application (Tim Meseck, The Architects Partnership, received 08/18/10)
 - B. Alta Survey (Gewalt Hamilton, dated 08/09/10, received 08/10/10)
 - C. Engineering plans (Gewalt Hamilton, dated 08/09/10, received 08/10/10)
 - D. Elevations (The Architects Partnership, dated 06/29/10 received 08/10/10)
 - E. Photometric Plan (The Architects Partnership, dated 06/29/10 received 08/10/10)
 - F. Landscape Plan (The Architects Partnership, dated 08/06/10 received 08/10/10)
 - G. Floor Plan (The Architects Partnership, dated 06/29/10 received 08/10/10)
 - H. Site Plan (The Architects Partnership, dated 06/29/10 received 08/10/10)
- 2. The requested parking variation shall be eliminated:
 - A. Chase Bank shall provide additional data on the total number of employees on shift and customers per hour that support a higher parking requirement.
 - B. Any parking provided above the 125% required shall be constructed of pervious materials.

3. Site Plan

A. The site plan shall be amended per Wal-Mart's driveway requirement and Engineering's comments. This shall shift the driveway further south away from the right-in/right-out access from Route 31 and increase the opening radius.

4. Architecture

- A. Material samples shall be presented to the Planning and Zoning Commission and City Council and shall resemble the current Wal-Mart colors and materials.
- B. The window bays shall be recessed into the elevation to provide additional relief and interest to the elevation. If they cannot be recessed larger headers and sills shall be incorporated around the window and door openings to provide the architectural details.
- C. An additional top element shall be added to the drive-through canopy to finish off the canopy and provide integration with the building elevations.
- D. Column features shall be added around all four sides of the building to emulate the Wal-Mart center.
- E. The rear man door shall be a 6-panel decorative door.

5. Signage

- A. The building wall signage shall be reduced in square footage to meet the total of 150 square feet of signage.
- B. No signage shall be placed on the drive-up ATM machine with the exception of any legally required or instructional signage.
- C. The directional signage shall meet the UDO requirements and shall not exceed 3-feet in height and 4 square feet.
- D. The free-standing sign shall be reduced to 5-feet in height and 32 square feet. The monument base shall include materials from the building.
- 6. The petitioner shall address all of the review comments and requirements of the Engineering and Building, Fire Rescue, Police, Public Works, and Planning and Economic Development Departments.

City of Crystal Lake Development Application

Office Use Or	ıly				
File#	•	•	5	1	2010

Project Title: ____CHASE CRYSTAL LAKE Action Requested Preliminary PUD Annexation Preliminary Plat of Subdivision Comprehensive Plan Amendment Rezoning Conceptual PUD Review Special Use Permit Final PUD Variation Final PUD Amendment Final Plat of Subdivision Other Owner Information (if different) Petitioner Information Name: JP Morgan Chase-Mike Metzger Name: Tim Meseck Address: 131 S. Dearborn 5th floor Address: 122 S. Michigan Ave Suite 1810 Phone: 312-583-9800*44 Phone: _312-325-3373 Fax: ___ 312-583-9890 Fax: E-mail:_ michael.a.metzger@chase.com meseck@tapchcago.com Property Information Project Description: New ground up JP Morgan Chase Bank (1) story brick building with attached drive thru, new site plan and parking Project Address/Location: 1205 S. Illinois Route 31 Crystal Lake, IL PIN Number(s): ____19-15-203-006

Development Team

Developer:	
The Architects Partnership 312-583-9800*44	
Architect: Fax: 312-583-9890 meseck@tapchicago.com	
Attorney:	
GHA Gewalt Hamilton 847-478-9700	
Ingineer: Fax: 847-478-9701 ddixon@gha-engineers.com	
3D Design Studio 847-223-1891	
andscape Architect: Fax: 847-223-1892 cmost@3ddesign.com	
lanner:	
GHA Gewalt Hamilton 847-478-9700	
urveyor: Fax: 847-478-9701 ddixon@gha-engineers.com	
ther:	<u>-</u>
Signatures	
10/201	0
PEPIFIONER Print and Sign name (if different from owner) Date	
s owner of the property in question, I hereby authorize the seeking of the above requested action.	
MICHARI A. METZGER PLAN a Mas Blo/2012	>
OWNER: Print and Sign name	_

NOTE: If the property is held in trust, the trust officer must sign this petition as owner. In addition, the trust officer must provide a letter that names all beneficiaries of the trust.

PUBLIC NOTICE

BEFORE THE PLANNING AND ZONING COMMISSION OF THE CITY OF CRYSTAL LAKE, MCHENRY COUNTY, ILLINOIS

IN THE MATTER OF THE PETITION OF JP Morgan Chase Bank

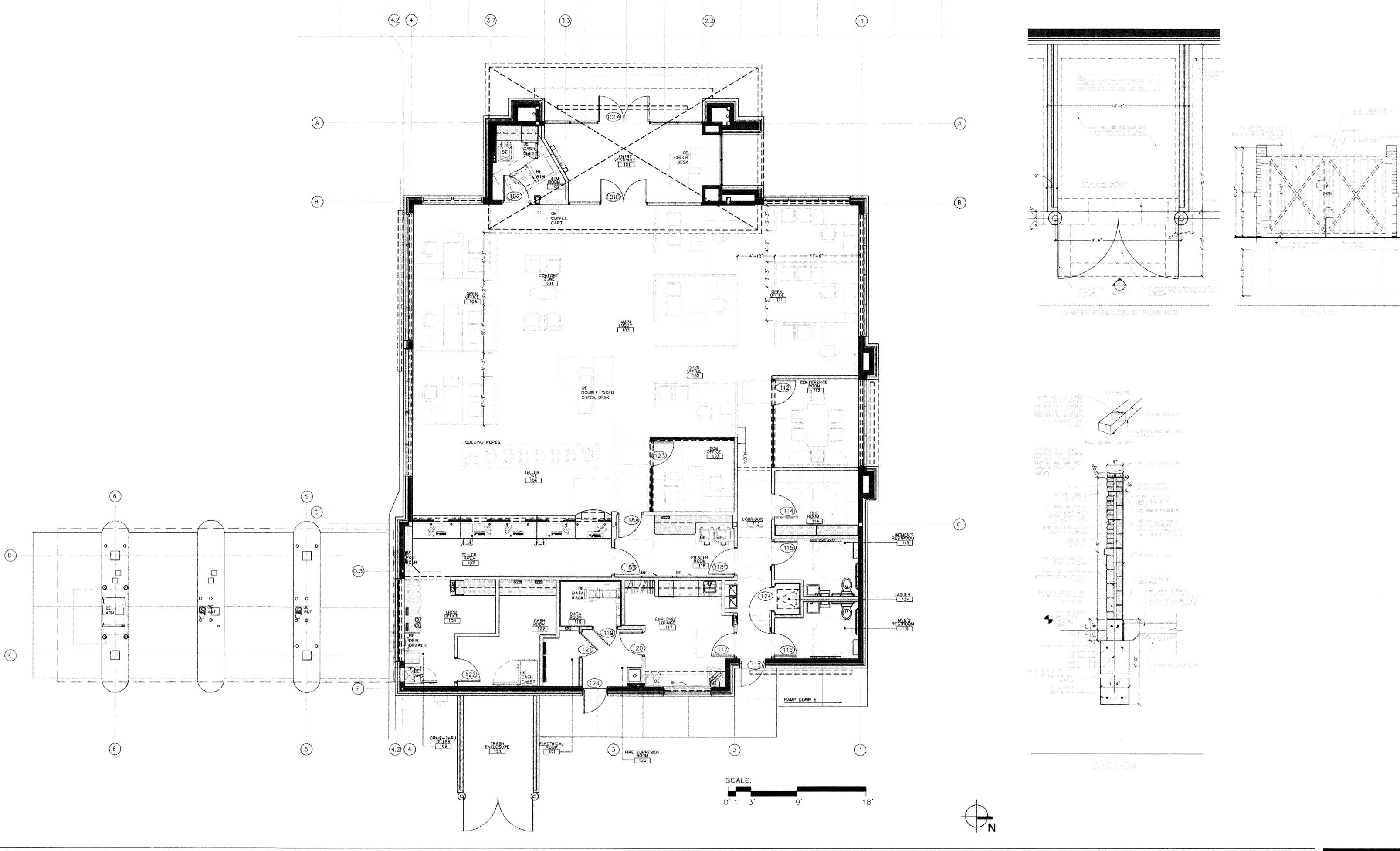
LEGAL NOTICE

Notice is heretry given in compliance with the Unified Development Ordinance of the City of Crystal Lake, Illinois that a public hearing will be held before the Planning and Zoning Commission of the City of Crystal Lake upon the application by The Architects Partnership on behalf of JP Morgan Chase Bank, for a Planned Unit Development Amendment relating to the real estate commonly known as 1185 S. Roule 31, commonly known as the Wat-Mart Outlot in the Lutter Center, Crystal Lake, Illinois PIN: 19-15-203-006

This application is filed for the purposes of seeking a Preliminary and Final Planned Unit Development appravat, to allow a financial institution with drive-through, a variation from Article 4-200 D 5, to allow the porking to exceed the maximum of 125% of the required spaces and not utilize impervious materials, a variation from Article 4-1000 Table 4-1000 E 1 to allow wall signage to exceed the maximum of 150 square teet to allow 202.51 square feet and to allow a free-standing sign to exceed the maximum permitted height of 5 feet and maximum square footage of 32 square feet to allow a 24 feet high sign at 99.96 square feet, and any other variations as necessary to approve the application as presented. Plans for this project can be viewed at the City of Crystal Lake Community Development Department at City Holl.

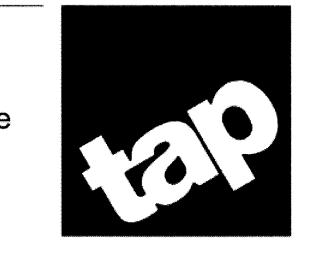
A public hearing before the Planning and Zoning Commission for this request will be held at 7:30 p.m. on Wednesday September 15, 2010, at the Crystal Lake City Half. 100 West Woodstock Street, at which firme and place any person determining to be heard may be present.

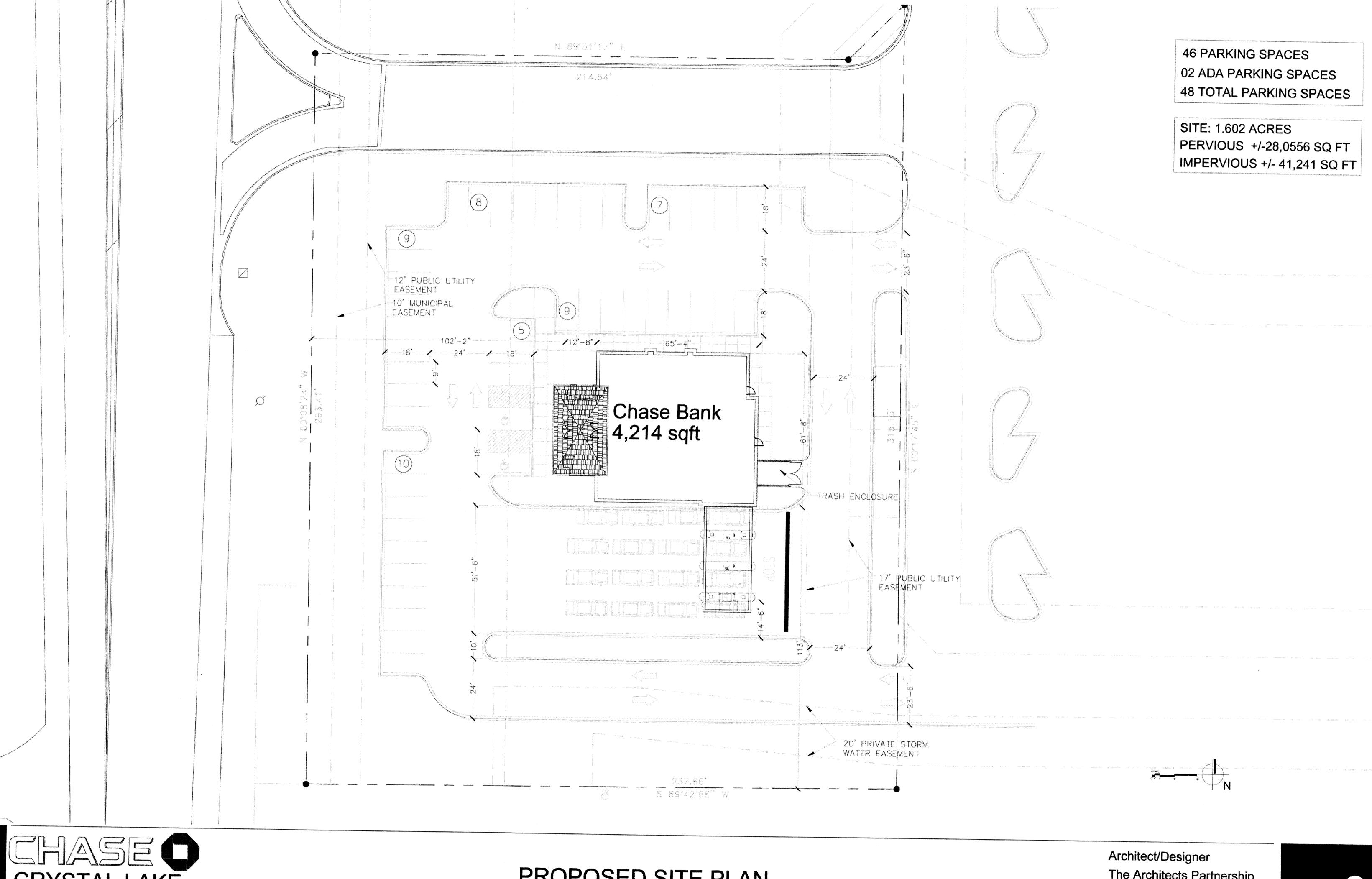
Tom Hayden, Chaliperson Planning and Zoning Commission City of Crystal Lake (Published In the Northwest Herald August 17, 2010)





Architect/Designer







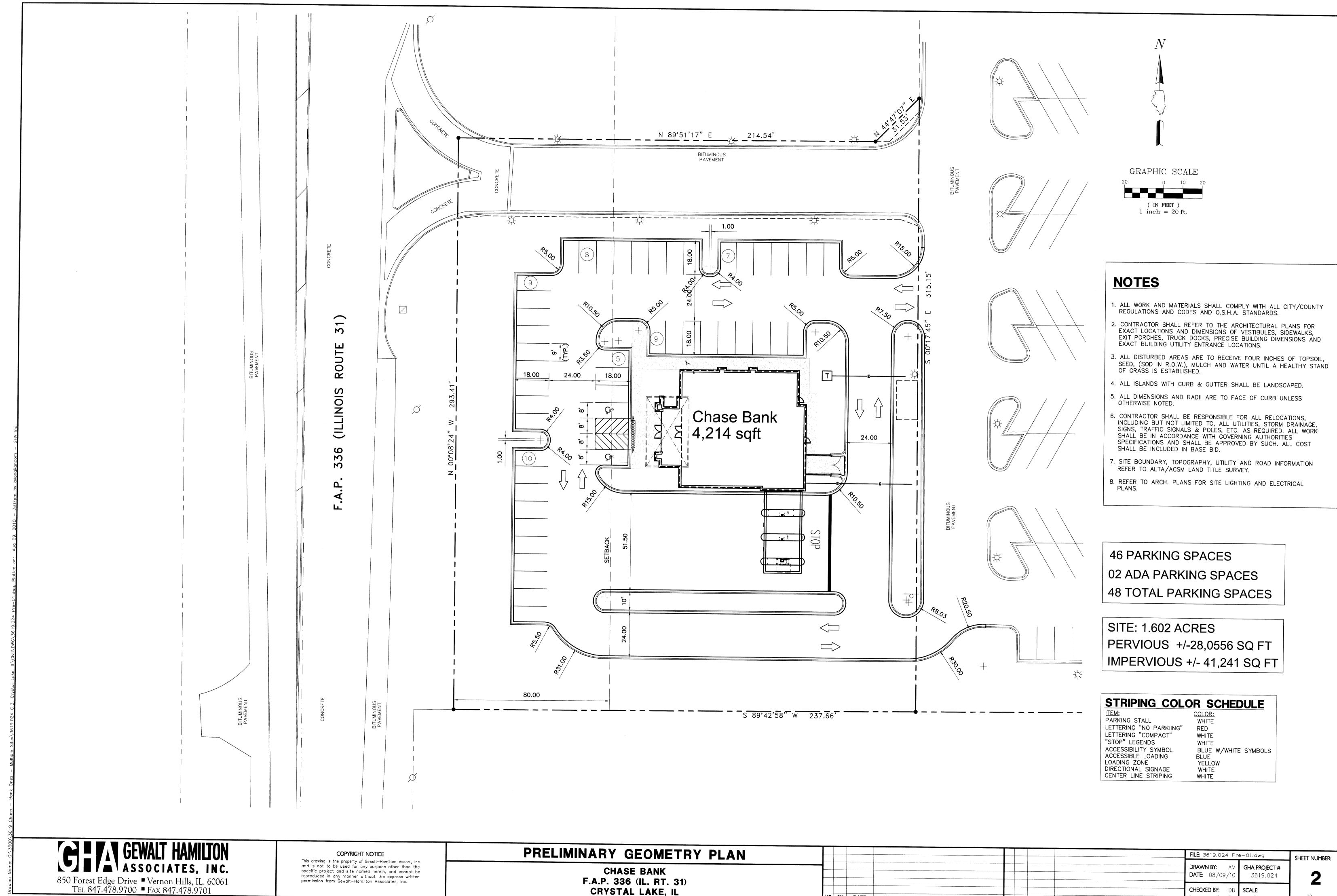
PROPOSED SITE PLAN June 29th, 2010



SURVEYOR'S CERTIFICATION To: Wal-Mart Real Estate Business, Trust, Core States Engineering INC. ALTA/ACSM LAND TITLE SURVEY This is to certify that this map or plat and the survey on which it is based were made in accordance with the "Minimum Standard Detail Requirements for ALTA/ACSM Land Title Surveys," jointly established and adopted by ALTA and NSPS in 2005, and includes Items 2 thru 6, 8 thru 10, 11(a), (b) and 19 of LOT 2 OF THE FINAL PLAT OF RESUBDIVISION OF LOT 1 OF THE FINAL PLAT OF LUTTER CENTER SUBDIVISION — UNIT 1, BEING A RESUBDIVISION OF LOT 1 OF Table A thereof. Pursuant to the Accuracy Standards as adopted by ALTA and NSPS and in effect on the date of this certification, undersigned further FINAL PLAT OF LUTTER CENTER SUBDIVISION — UNIT 1, BEING A SUBDIVISION OF PART OF THE SOUTHEAST QUARTER OF SECTION 10 AND PART OF THE NORTH certifies that in my professional opinion, as a land surveyor registered in the State of Illinois, the Relative Positional Accuracy of this survey does not HALF OF THE NORTHEAST QUARTER OF SECTION 15, ALL IN TOWNSHIP 43 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, MCHENRY COUNTY, ILLINOIS exceed that which is specified therein and conforms to commitment for Title Insurance File No. 0826246 issued by Lawyers Title Insurance Corporation effective September 26, 2008. %; 907.47^{/0} 908.96 PROPERTY DESCRIBED AS: Lot 2 as designated upon the Final Plat of Rim = .887.48Resubdivision of Lot 1 of the Final Plat of Lutter Center Subdivision - Unit 1 $\ln v = 882.68 (2) (W 24" rcp)$ being a resubdivision of Lot 1 of Final Plat of Lutter Center Subdivision — Unit lnv = 881.48 (S 18" rcp)1, being a subdivision of part of the Southeast Quarter of Section 10 and part lnv = 881.28 (N 42" rcp)of the North half of the Northeast Quarter of Section 15, all in Township 43 ∕2 X2' Inlet North, Range 8 East of the Third Principal Meridian, the plat of which is recorded as Document No. 2008R0050753 in the Recorder's Office of McHenry Rim = 888.18lnv = 885.29 (NE 12" rcp)890.00 891.88County, Illinois, more particularly bounded and described as follows, to-wit: *:888.99 * 889.23 * 888.80 ✓ 892.18 Carb Inlet GRAPHIC SCALE ÷ 892.01 Beginning at the Southwest corner of said Lot 2; thence North 00°08'24" West Storm Manhole Rim = 888.20Back of Curb/= 892.87 along the West line of said Lot 2, a distance of 293.41 feet to the South line Rim = 888.8624" Flared End Section | lhv = :885.13 (NW 12" rcp) Flow Lize = 892.28 of Outlot 3 as designated upon the Final Plat of Lutter Center Subdivision lnv = 884.28 (NE 12" rcp) $\ln v = 883.93$ lnv = 885.08 (SW 12" rcpUnit 1; thence North 89'51'17" East along the South line of said Outlot 3, a Inv = .884.18 (SE 12" rcp) PUBLIC UTILITY distance of 214.54 feet to the Southeasterly line of said Outlot 3; thence $lnv \neq BB2.29 (S 12" rcp)$ ⁴ 214.54' EASEMENTIPER $lnv = \frac{2}{8}81.59 (N 18" rcp)$ North 44'47'07" East along the Southeasterly line of said Outlot 3, a distance (IN FEET) FINAL PLAT LUTTER of 31.53 feet; thence South 0017'45" East, a distance of 315.15 feet to the 1 inch = 20 ft.888.90 · 888.64 South line of said Lot 2; thence South 89'42'58" West along the South line of * 889.10 ମ * 892.55 20' PUBLIC UTILPBY * 891.37 said Lot 2, a distance of 237.66 feet to the Point of Beginning, containing 1.602 acres (69,797 square feet), more or less, all being situated in the 12" 12" "BASEMENT PER FINAR, LEGEND ACCESS ARÉA BETWEEN ROUTE County of McHenry and the State of Illinois. PLAT LUTTER CENTER SUB-UNIT 1 (EX. 21) INGRESS/EGRESS EASEMENT FINAL PLAT LUTTER CENTER : I FURTHER STATE that no buildings on the adjacent property encroach on this : PER DOĆ. NO. 2008R0050753 property and that no buildings on this property encroach on the adjacent SUB→UNIT 1 (EX. 21) Curb Inlet Utility Pole Back of Curb = 892.64property, nor onto any existing utility easements. Flow Line = 892.05. . 889.00≥ 888.80 Light Pole I FURTHER STATE that no investigation concerning environmental and lnv = 89286189 (SW 15" reg) 2.52 lnv = 88678 (N 15" rep) - 8**þ**2.30 * 892.19 subsurface conditions, or for the existence of underground or overhead Overhead Utility Line containers or facilities which may affect the use or development of this property was made as part of this survey. EASEMENT PER I FURTHER STATE that the above described property lies within an area FINAL PLAT LUTTER CENTER SUB-UNIT Telephone Line designated as Zone X (Areas determined to be outside the 0.2% annual chance floodplain) as identified by the Federal Emergency Management Agency on Flood Telephone Pedestal Insurance Rate Map No. 17111C0335J, effective date November 16, 2006. This Rim = *8888782482 888.71 map does not necessarily show all areas subject to flooding in the community × 894.18 * 894.66 * 894.40 * 893.39 * 893.34 * 892.31 lnv = 884.68Water Main or all planimetric features outside the special flood hazard areas. This does (NE 12" rcp) not guarantee that the surveyed property will or will not flood. Valve Box/Valve and Vault I FURTHER STATE that the contour elevations shown are based on U.S.G.S. Fire Hydrant Datum and are at one foot intervals. Sanitary Sewer 888.88 * 888.31 * 893.44 * 894₁.59 * 894.97 Sanitary Manhole * 894.60 * 894.36 * 894.12 -l893.73 <u>l</u> * 892.29 Storm Sewer SURVEYOR'S NOTES Metal End Section 1. The underground utilities shown have been located from field survey 17' PUBLIC UTILITY EASEMENT PER information and existing drawings. The surveyor makes no guarantee that Storm Manhole FINAL PLAT LUTTER CENTER the underground utilities shown comprise all such utilities in the grea. SUB-UNIT either in service or abandoned. The surveyor further does not warrant Curb Inlet Type 700 that the underground utilities shown are in the exact location indicated * 888.76 1: 890.15 - 893.90 * 895.12 * 894.20 although he does certify' that they are located as accurately as possible × 892.35 Sign from the information available. This surveyor has not physically located 12' PUBLIC: the underground utilities. Handhole 69,797 SQUARE FEET EASEMENT PER 2. Field work completed 08/16/07. 0 FINAL PLAT 1.602 ACRES Property Line UTTER . 3. No buildings on property. Existing Right-Of-Way Line SUB-UNIT * 888.62 **(** 890.53 (EX. M21) ICIP AB94.14 4. Property zoned B-3 Planned Business. × 894.34 * 893.87 893.39 × 892.6óľ Building Setback Line (B.S.L.) EASEMENT PER 5. Core States #: SAM-7754 Wal-Mart Store #: 1413 Section Line CENTER Chase Bank Easement Line (EX. 21) EASEMENT PER DOC. NO. 2008R0050753 PAVEMENT Contour Line (EX. 21) 888.54 **7** 884.48 × 888.02 Set 3/4" Pin -:89D.78 * 894.26 894.72 893.94 * 892.57 B-3 ZONING Measured Distance Area: 80,000 Sq. Ft. ~~~~ Width: 200 Ft. 3 Tree Line Rim' = 892.53Front Yard: 50 Ft. Inv = 885.61 (W 6" pvc)Rear Yard: 20 Ft. lnv = 884.98 (N 8" pvc)Total Side Yard: N/A - 894.63 FILT (1894.49) Minimum Side Yard: N/A - 894 허크 * 894.32 * 894.03 MUNICIPAL 892.88 * 892.51 Side Yard Abutting Street: 50 Ft. Abutting Residential Zoning: 50 Ft. **BENCHMARKS** Lot Coverage: 50% EASEMENT PER UNIT F.A.R.: 1.0 FINAL PLAT OC NO R 20' MUNCIPAL UTILITY LUTTER CENTER DESCRIPTION Height of Principal Use: 25 Ft./2 St. ELEVATION (USGS EASEMENT PER FINAL PLAT SUB-UNIT 1 Height of Accessory Use: 15 Ft./1 St. BENCHMARK 1 LUTTER CENTER SUB-UNIT (EX. 21) CHISELED SQUARE ON LIGHT POLE 893.75 BASE AT NORTHWEST CORNER OF 888.04 888.38 * 894.52 891.37 * 894.40 * 894.32 892.62 * 892.46 BENCHMARK 2 CHISELED SQUARE ON LIGHT POLE 895.22 BASE AT NORTHEAST CORNER OF CHISELED SQUARE ON LIGHT POLE 893.56 * 888.32 BASE ON EAST LINE OF SITE 891.64 * 894.21 * 894.39 * 894.46 * 894.45 892.92 ×:892.89 MARKER FOR UNDERGROUND GAS LINE 20' PRIVATE STORM WATER DESIGN EASEMENT PER FINAL PLAT LUTTER CENTER SUB-UNIT 893.74 893.37 894.893.82 893.74 893.74 893.74 893.74 BITUMINOUS RESOURCES 887.86 3 - 89 P. AVEMENT 886:63 INC. CIVIL ENGINEERI LAND SURVEYING 1475 S. PERRYVILLE ROAD ROCKFORD, ILLINOIS 61108 6" p.vc.... - 885.9 2884.81 VOICE: (815) 484-4300 * 888.37 887 89 888.92 FAX: (815) 484-4303 FAX www.arcdesign.com lnv = 884.82Design Firm License No. 184-001334 lnv = 884.86lnv = 884.9889°42'58" W 237.66 POINT OF BEGINNING Inv = 884.87lnv = 884.76* 887.44 \Storm Manhole (884.92 891.38 * 888.37 ^{,, P}≧84,34,92 * 885.54 * 886.29 * 886.67 lnv = 885.08 (W/15" pvc)CROSS ACCESS EASEMENT BETWEEN LOT 1 AND lnv = 884.90 $Inv = 884.88 (E \ 15" dip)$ lnv = .885.02UNSUBDIVIDED LAND PER FINAL 6" pvc Inv = 884.88 PLAT LUTTER CENTER SUB-UNIT 1 (EX. 21) 6" pvc lnv = 884.95* 888.40 $883.98^{\text{ln}} = 884.98884.11$ * 884.31 * 885.24 * 886.56 **EXISTING CONDITIONS** FILE: 3619.024 Pre-01.dwg COPYRIGHT NOTICE SHEET NUMBER: This drawing is the property of Gewalt-Hamilton Assoc., Inc. DRAWN BY: **GHA PROJECT #** and is not to be used for any purpose other than the **CHASE BANK** specific project and site named herein, and cannot be **DATE:** 08/09/1 3619.024 reproduced in any manner without the express written **F.A.P. 336 (IL. RT. 31)** 850 Forest Edge Drive Vernon Hills, IL. 60061 permission from Gewalt-Hamilton Associates, Inc. CHECKED BY: TEL 847.478.9700 FAX 847.478.9701 SCALE: CRYSTAL LAKE, IL NO. BY DATE **DATE:** 08/09/1 1" = 20'

REVISION

OF 6 SHEETS



CRYSTAL LAKE, IL

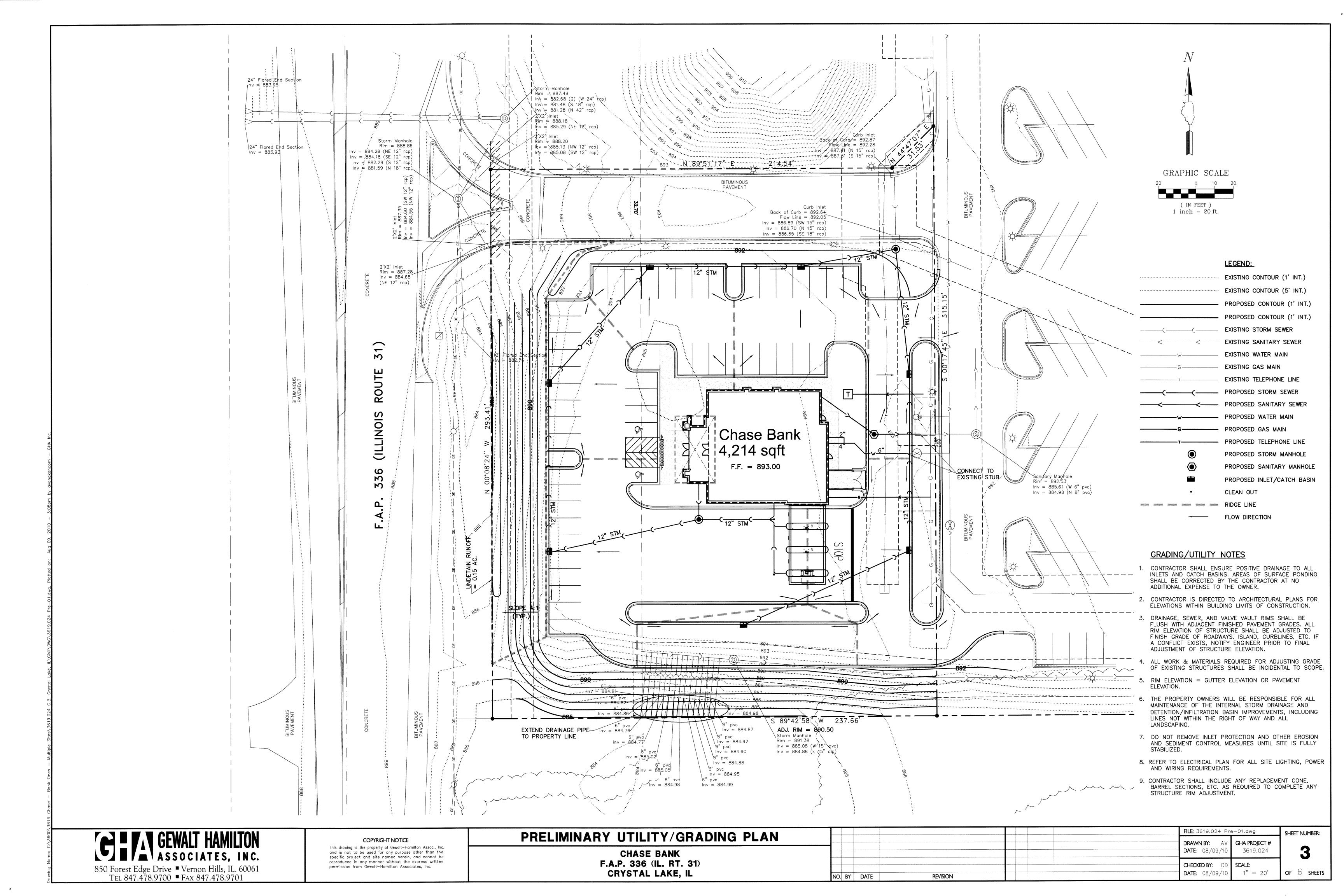
NO. BY DATE

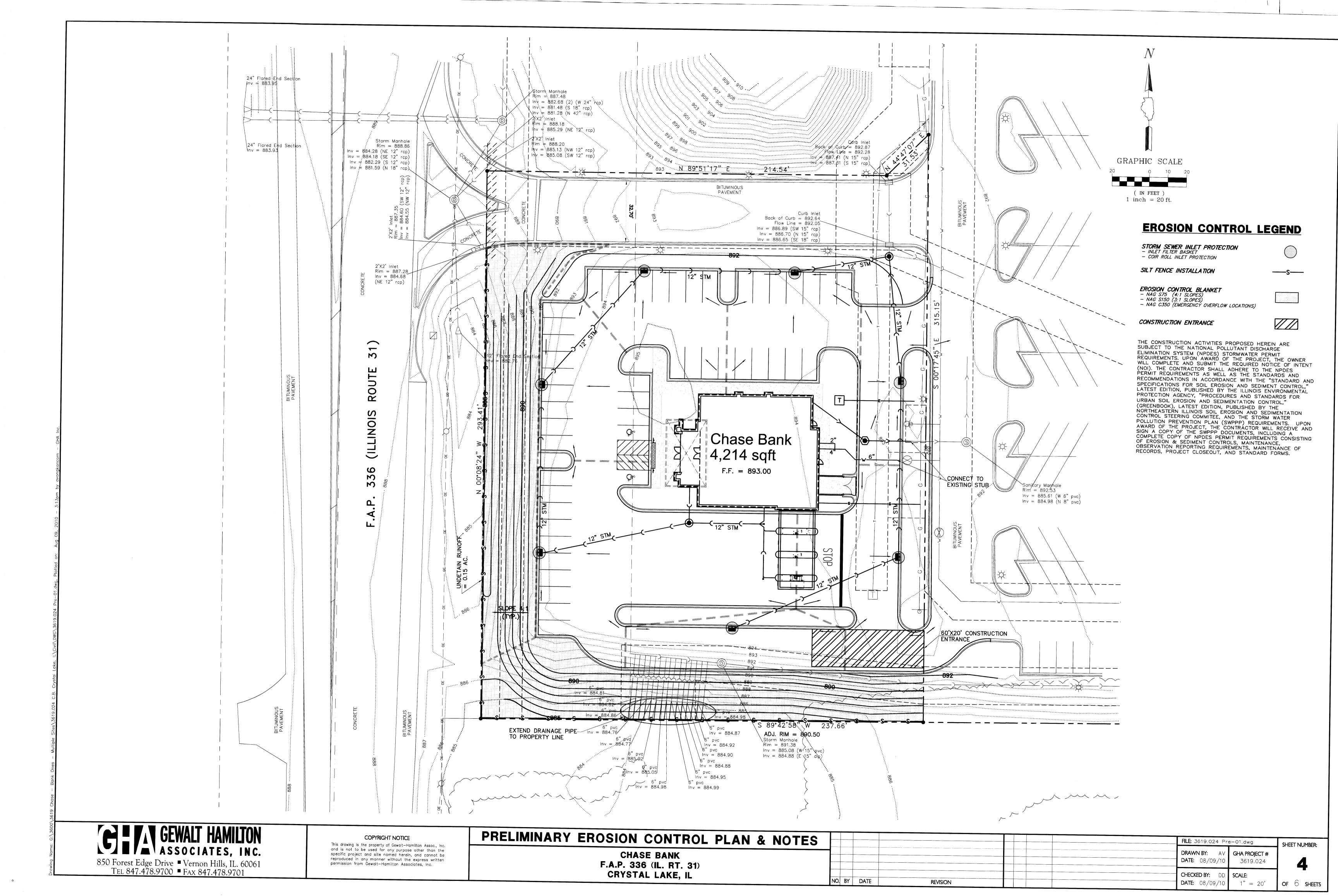
OF 6 SHEETS

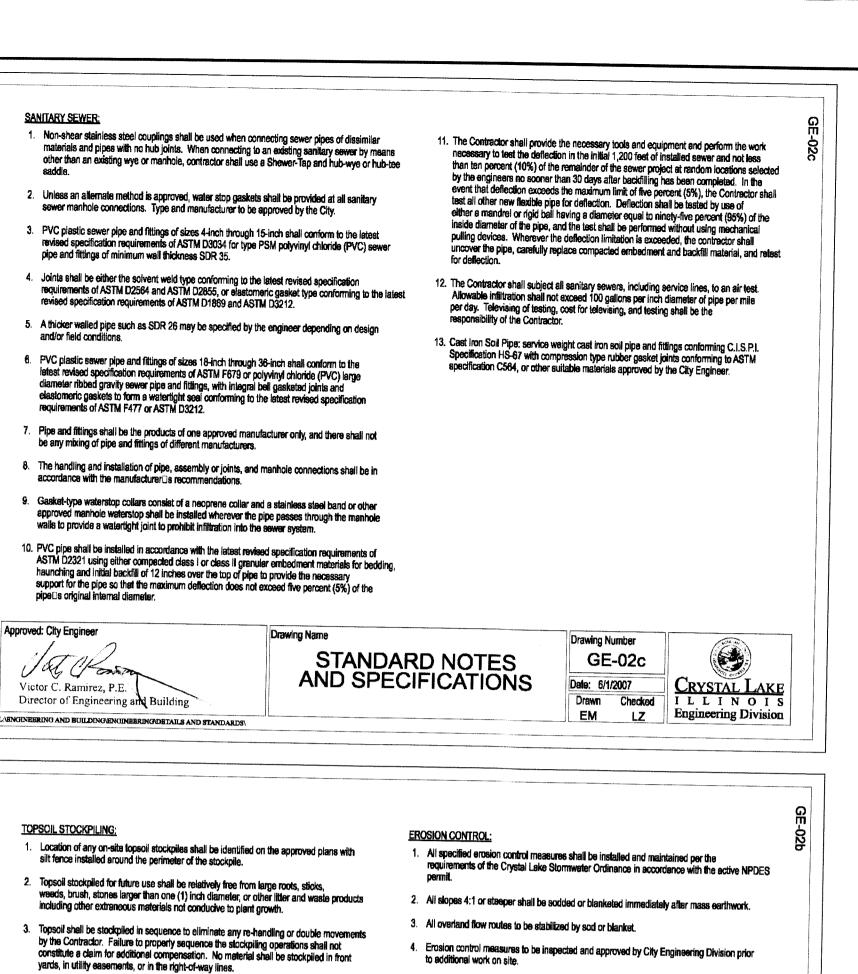
SCALE:

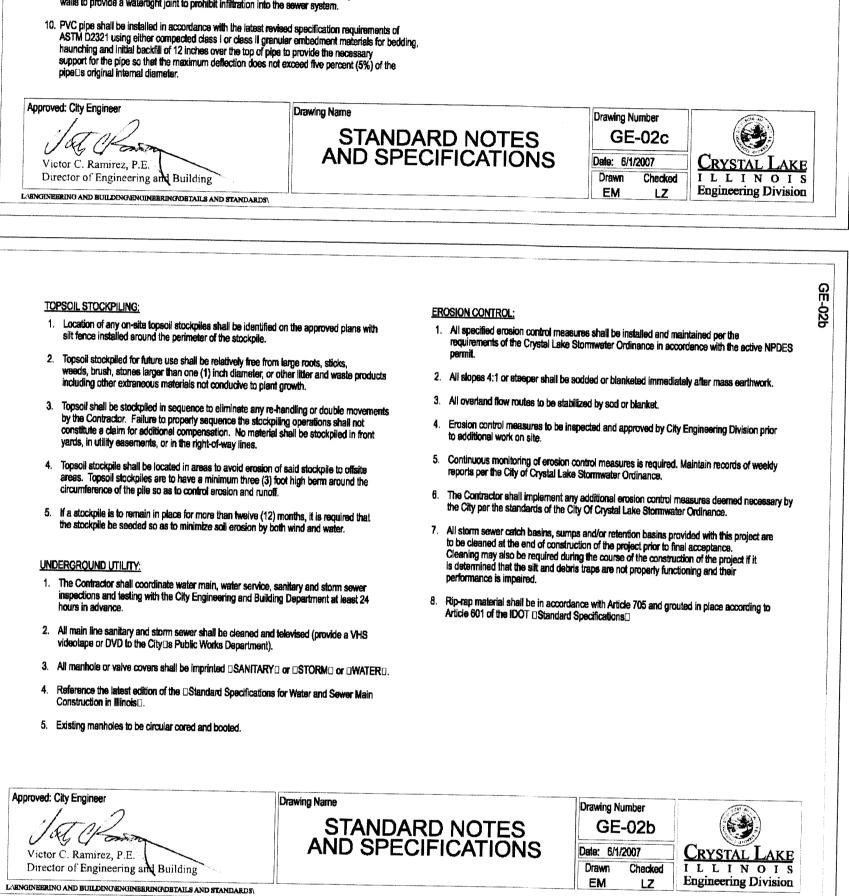
1" = 20'

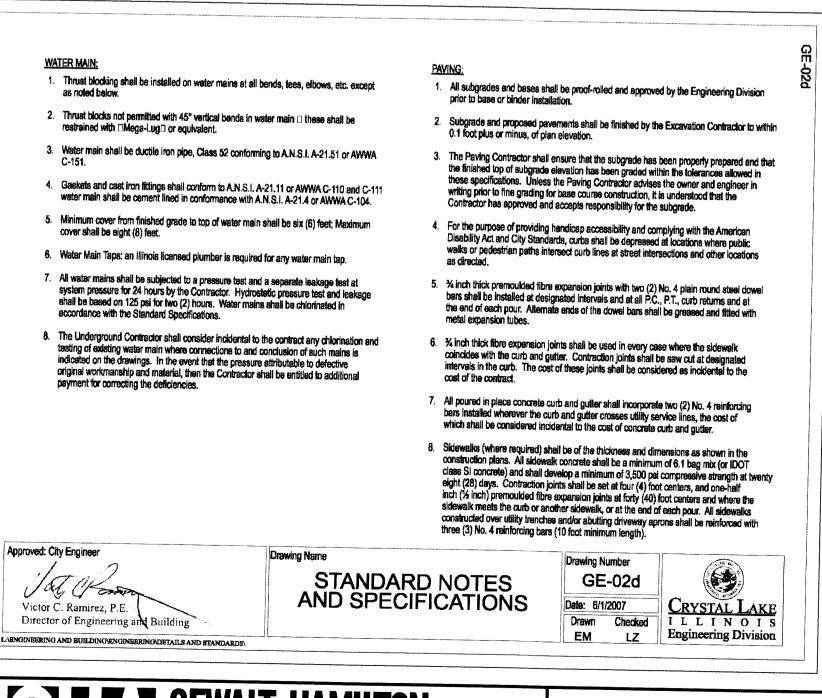
CHECKED BY:

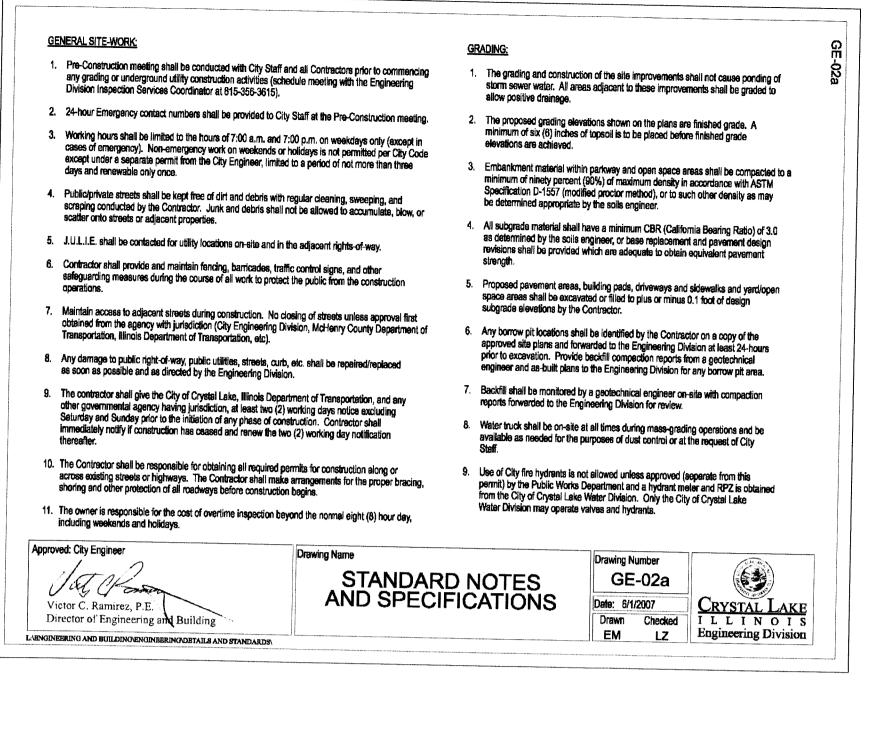


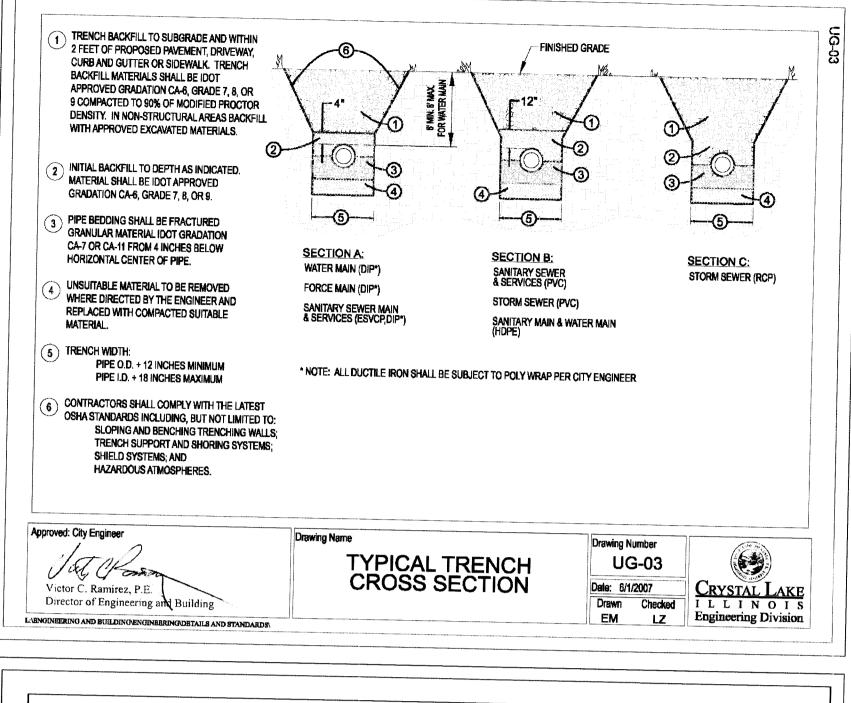


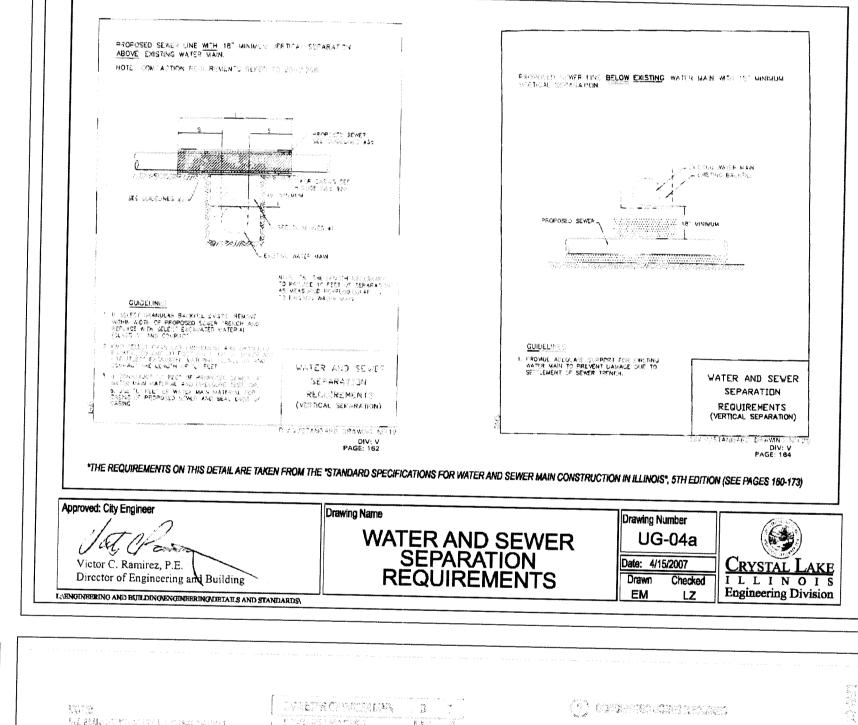


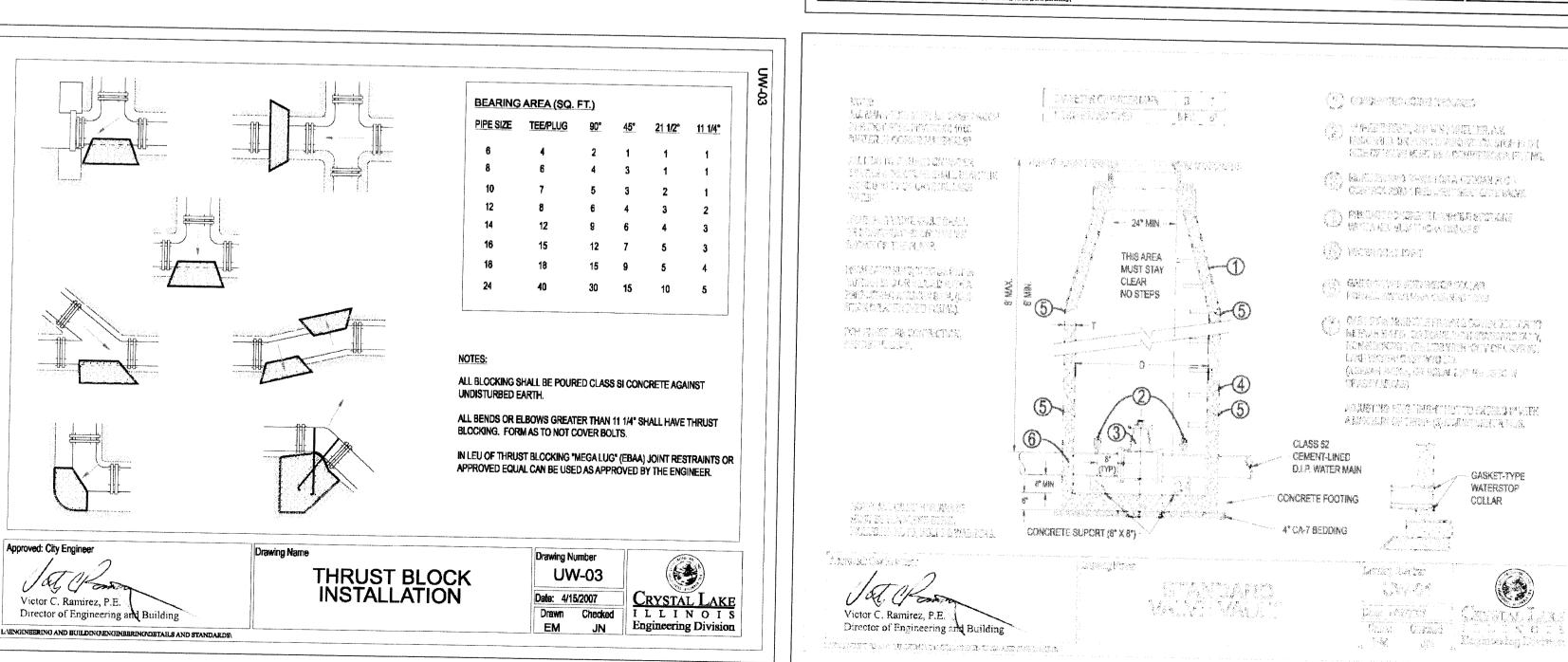












REVISION

NO. BY DATE



Approved: City Engineer

COPYRIGHT NOTICE This drawing is the property of Gewalt-Hamilton Assoc., Inc. and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from Gewalt-Hamilton Associates, Inc.

NOTES AND DETAILS

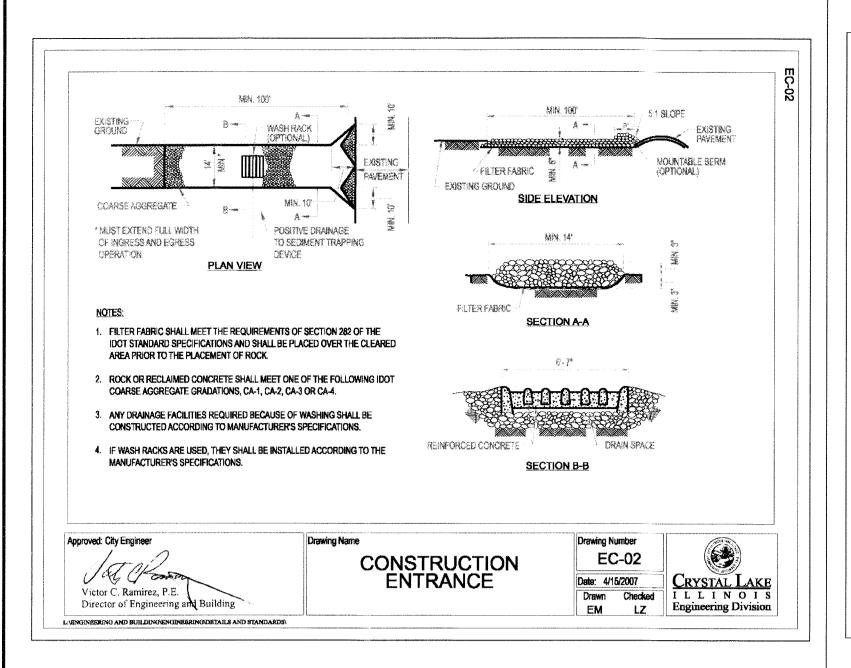
CHASE BANK F.A.P. 336 (IL. RT. 31) CRYSTAL LAKE, IL

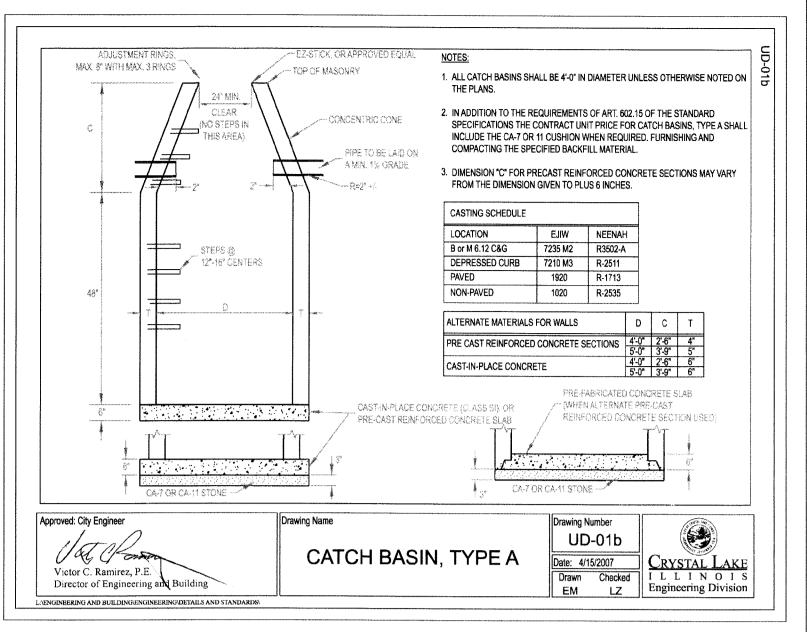
FLE: 3619.024 Pre-01.dwg DRAWN BY: GHA PROJECT# **DATE:** 08/09/10 3619.024 CHECKED BY: DD SCALE: **DATE:** 08/09/10

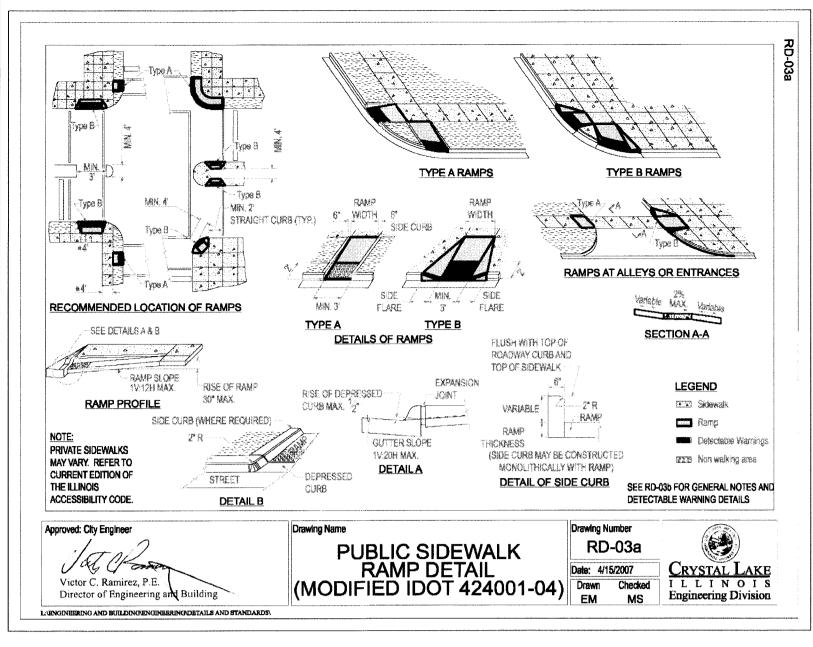
SHEET NUMBER: OF 6 SHEETS

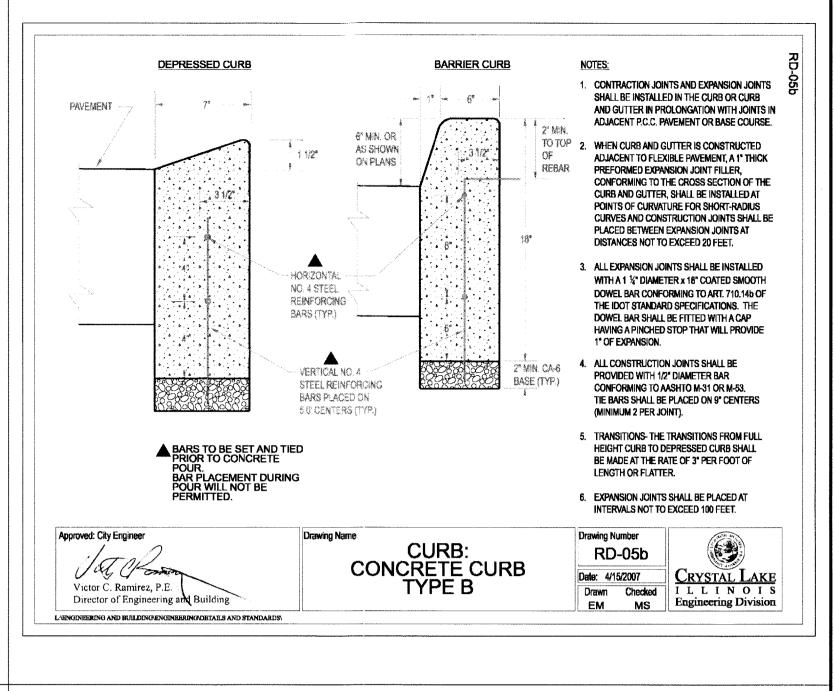
GASKET-TYPE

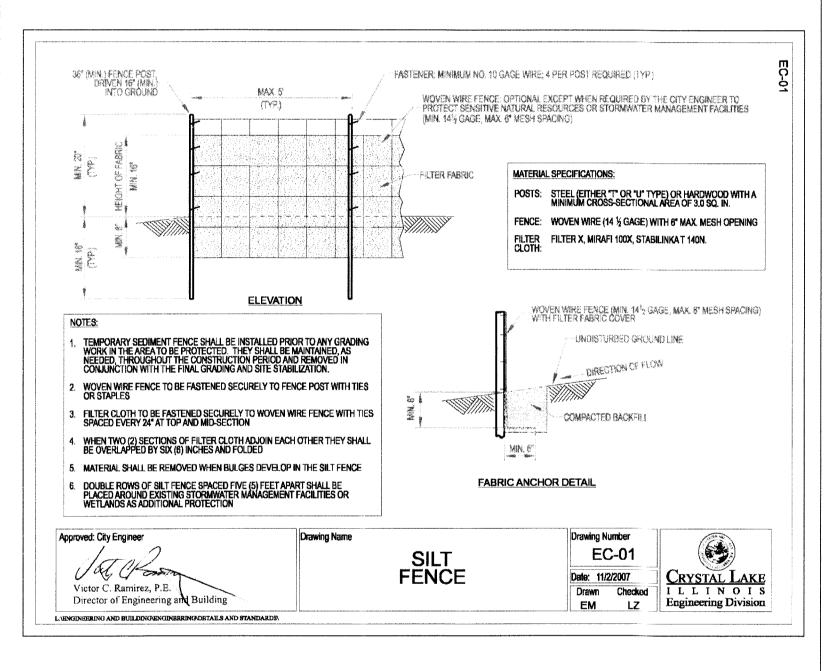
WATERSTOP

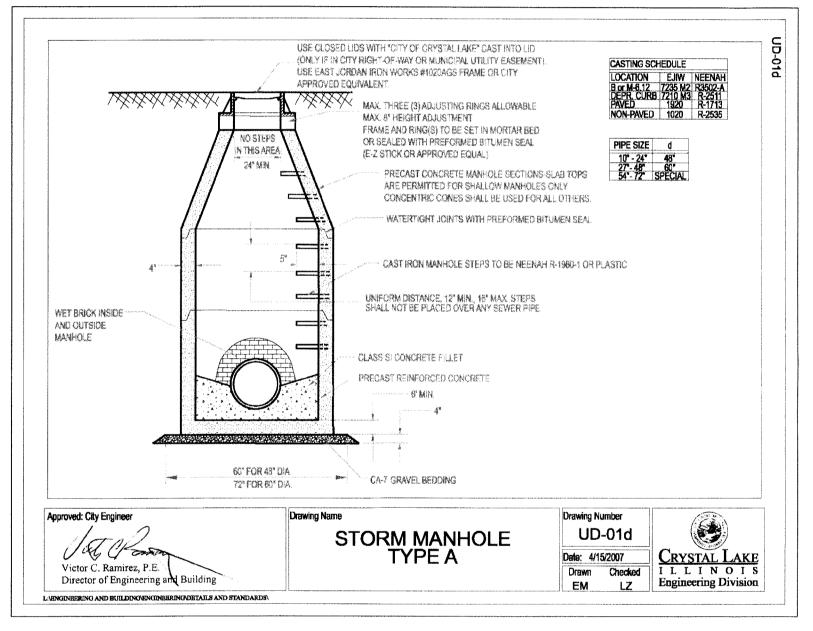


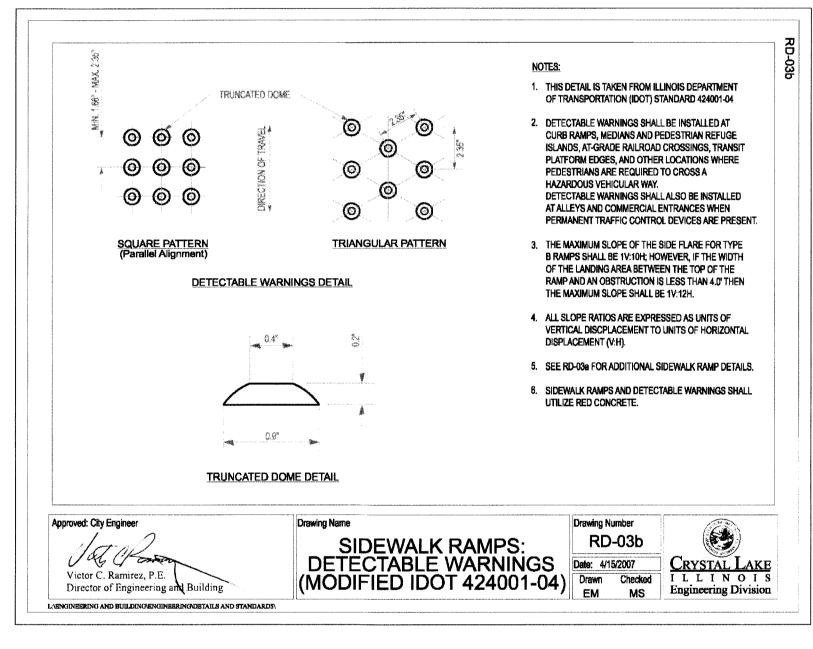


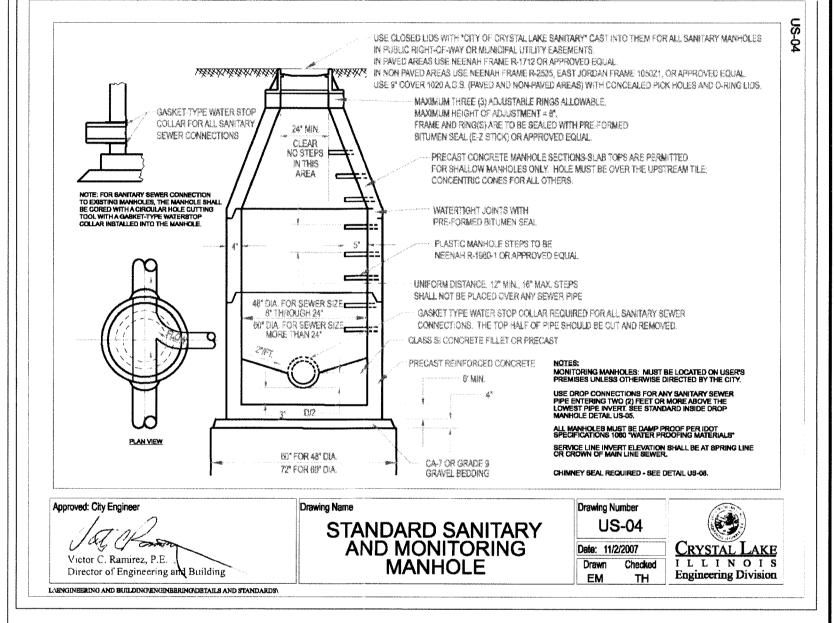


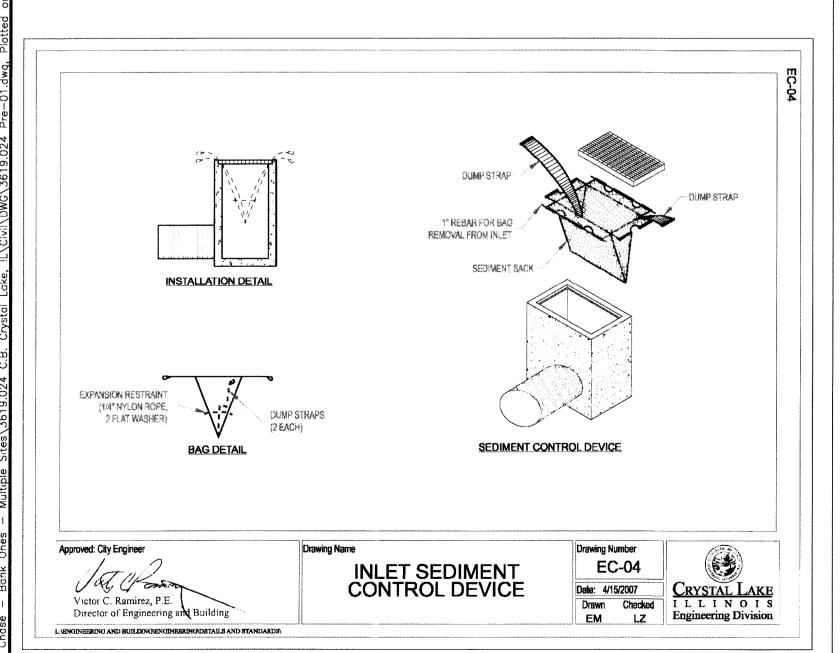


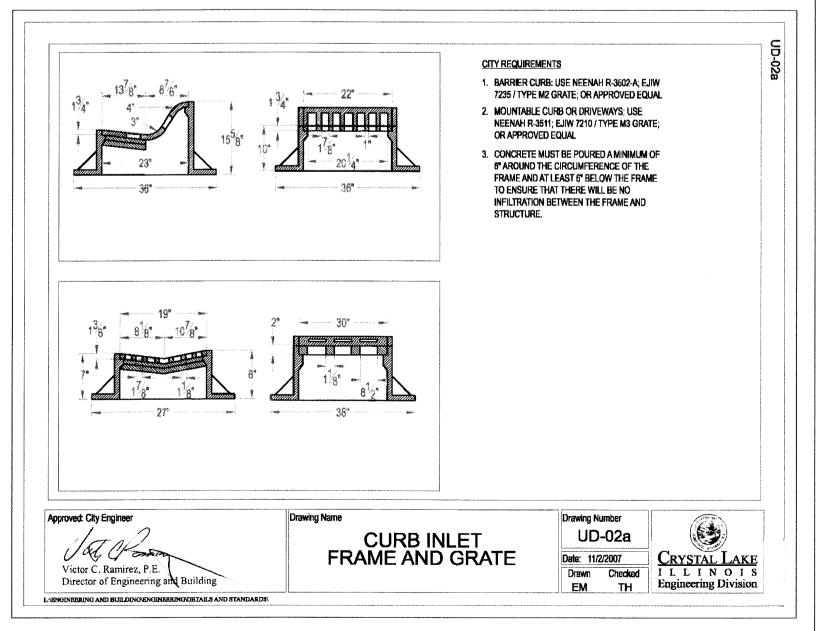


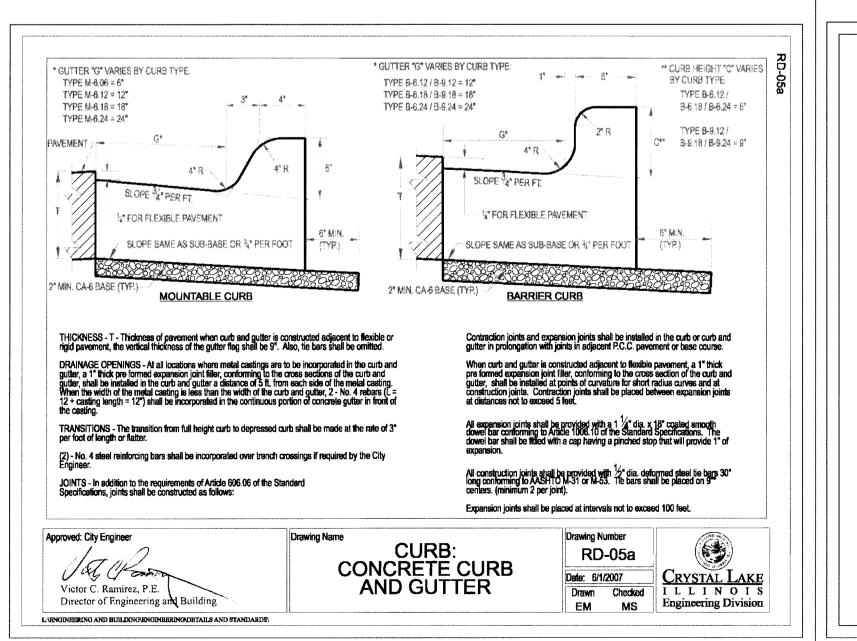


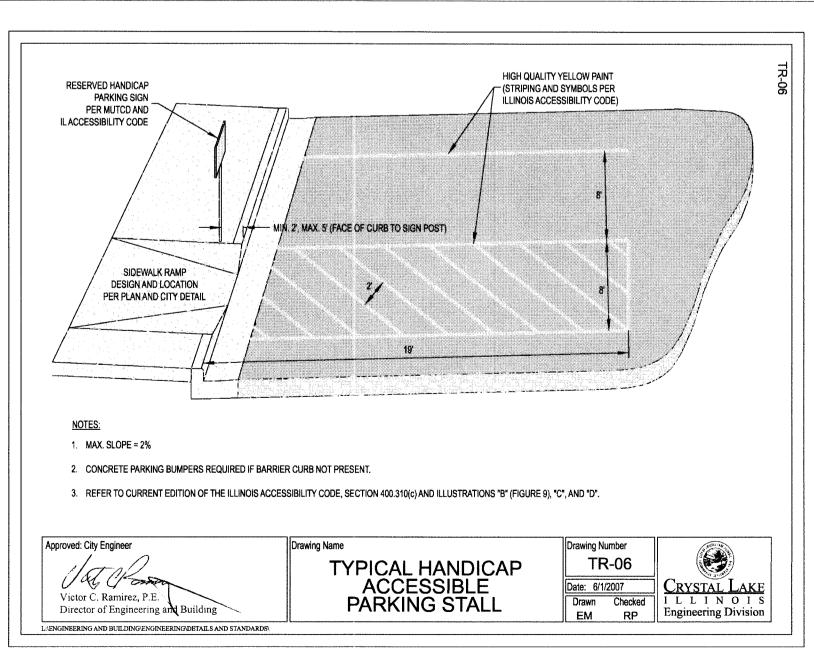














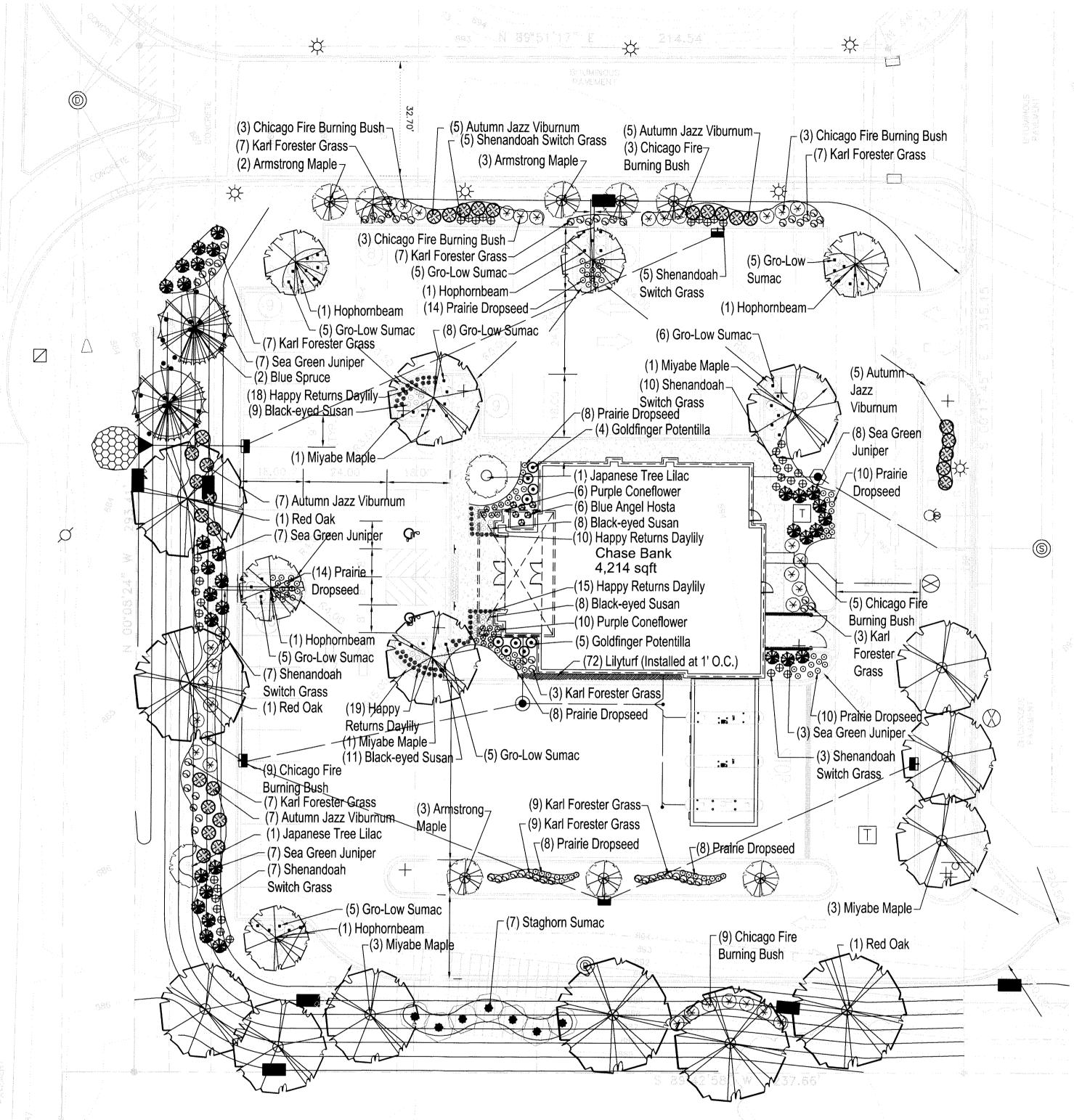
TEL 847.478.9700 FAX 847.478.9701

COPYRIGHT NOTICE This drawing is the property of Gewalt-Hamilton Assoc., Inc. and is not to be used for any purpose other than the specific project and site named herein, and cannot be reproduced in any manner without the express written permission from Gewalt-Hamilton Associates, Inc.

DETAILS

CHASE BANK F.A.P. 336 (IL. RT. 31) CRYSTAL LAKE, IL

					FLE: 3619.024 Pr	e-01.dwg	SHEET NUMBER:
					DRAWN BY: AV DATE: 08/09/10	GHA PROJECT # 3619.024	6
NO.	BY	DATE	REVISION		CHECKED BY: DD DATE: 08/09/10	SCALE: N/A	OF 6 SHEETS



LANDSCAPE GENERAL NOTES:

1. ALL PLANT MATERIAL IS SUBJECT TO AVAILABILITY AND CORRECT SEASONAL PLANTING PROCEDURE.

ANY AND ALL SUBSTITUTIONS REQUEST MUST BE SUBMITTED IN WRITING TO THE OWNER'S REPRESENTATIVE PRIOR TO ORDERING SUBSTITUTION MATERIALS.

2. ALL PLANTS SHALL RECEIVE MIN. 4" DEPTH OF SHREDDED HARDWOOD BARK MULCH COVER IN PLANTING BED, INCLUDING PERENNIAL PLANTINGS.
3. THE LANDSCAPE CONTRACTOR SHALL STAKE AND LAYOUT ALL INSTALLATIONS AND

3. THE LANDSCAPE CONTRACTOR SHALL STAKE AND LAYOUT ALL INSTALLATIONS AND BEDS FOR APPROVAL BY OWNER'S REPRESENTATIVE. FAILURE TO RECEIVE REVIEW AND APPROVAL MAY BE CAUSE TO REQUIRE THE REMOVAL OF PLANTS AND REINSTALLATION AT NO ADDITIONAL COST TO THE OWNER.

4. THE CONTRACTOR SHALL SUPPLY LANDSCAPE PLANTING SOIL MIX FOR ALL PERENNIAL PLANTING BEDS TO CONSIST OF 1/3 TOPSOIL, 1/3 SAND AND 1/3 COMPOSTED MANURE OR "MUSHROOM COMPOST". THIS MIXTURE IS TO BE ROTOTILLED INTO THE SOIL A MINIMUM OF 8" THROUGHOUT THE BED, AFTER INSTALLATION MULCH AS SPECIFIED ABOVE. CONTRACTOR MUST ALSO WORK INTO SOIL TERRA-SORB HB AT A RATE PER THE MANUFACTURER'S RECOMMENDATION ALL SHRUB AND NON-IRRIGATED TREE AND PERENNIAL BEDS. SUBMIT MANUFACTURER'S LITERATURE FOR APPROVAL PRIOR TO IMPLEMENTATION.

PLACE TREE IN CENTER OF PLANTING HOLE
3" MIN. PLUMB VERTICALLY FOR BEST APPEARANCE
COURSE

ZOURSE

ZOU

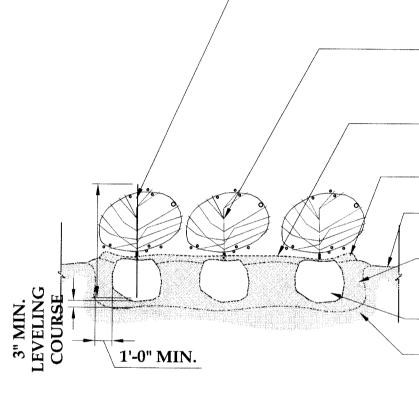
2. LANDSCAPE CONTRACTOR TO INSTALL TREE AT ELEVATION OF NURSERY GRADE 3. LAYOUT AS INDICATED ON THE PLANTING PLAN SELECTIVELY PRUNE TREE AFTER INSTALLATION FOR BEST APPEARANCE. REMOVE ALL SUCKER GROWTH AND DEAD - 3" MIN. MULCH DEPTH AT BASE OF TREE, MULCH RING DIA. AS INDICATED ON PLAN SAUCER SHAPE PLANTING SOIL MIXTURE AT PERIMETER OF MULCH RING -FINISH GRADE 1/3 TOPSOIL, SAND, AND COMPOSTED MANURE OR "MUSHROOM COMPOST" THROUGHOUT PLANTING PIT ROOT BALL: WIRE CAGES MAY REMAIN. CUT, PEEL, AND REMOVE TOP 1/3 BURLAP AND ROPES FROM TREE BASE UNDISTURBED SOIL

1. LANDSCAPE CONTRACTOR SHALL

COMFIRM TREE PIT DOES NOT HOLD WATER.

SCALE: NTS

COMMON NAME	BOTANICAL NAME	QUANT	SIZE
SHADE TREES		C	
Miyabe Maple	Acer miyabei	9	5" BB
Red Oak	Quercus rubra	5	5" BB
"Armstrong" Maple	Acer freemanii "Armstrong"	8	5" BB
Hophornbeam	Ostrya virginiana	5	5" BE
ORNAMENTAL TREES		***************************************	
Japanese Tree Lilac	Syringa reticulata	2	8' BB
EVERGREEN TREES			The state of the s
Blue Spruce	Picea pungens 'Glauca'	2	12' Bl
SHRUBS			
"Autumn Jazz" Viburnum	Viburnum dentatum "Autumn Jazz"	29	36" BI
Chicago Fire Burning Bush	Euonymus alatus 'Timber Creek'	33	36" BI
Goldfinger Potentilla	Potentilla fruticosa	9	18" BI
"Gro-Low" Sumac	Rhus aromatica "Gro-Low"	49	#5 Cor
Sea Green Juniper	Juniperus chinensis 'Sea Green'	32	36" B
Staghorn Sumac	Rhus typhina	7	#5 Cor
PERENNIALS			
Black-eyed Susan	Rudbeckia fulgida 'Glodstrum'	. 36	#1 Con
Blue Angel Hosta	Hosta 'Blue Angel'	6	#1 Con
Lilyturf	Liriope spicata	72	1 QT.
Happy Returns Daylily	Hemerocallis 'Happy Returns'	62	#1 Con
Karl Foerster Grass	Calamagrostis scutiflora "Karl Foerster"	59	#3 Con
Prairie Dropseed Grass	Sporobolus heterolepis	80	#1 Cor
Purple Cone Flower	Echinacea purpurea 'Magnus'	16	#1 Con
'Shenandoah" Red Switch Grass	Panicum virgatum "Shenandoah"	37	#1 Con



PLACE SHRUB IN CENTER OF PLANTING HOLE
PLUMB VETICALLY FOR BEST APPEARANCE

SELECTIVELY PRUNE ALL SHRUBS AFTER
INSTALLATION FOR BEST APPEARANCE.
REMOVE ALL UNDESIREABLE GROWTH AND
DEAD BRANCHES

2" MIN. MILL CLI DEPTIL MUTUUN PLANTENCE.

3" MIN. MULCH DEPTH WITHIN PLANTING

BED, MULCH BED LAYOUT/SIZING AS
INDICATED ON PLAN

SAUCER SHAPE PLANTING SOIL MIXTURE AT PERIMETER OF PLANTING BED

WITH TERRASORB APPLIED AS SPECIFIED

FINISH GRADE

1/3 TOPSOIL, SAND, AND COMPOSTED MANURE OR
- "MUSHROOM COMPOST" TO 8" MINIMUM DEPTH

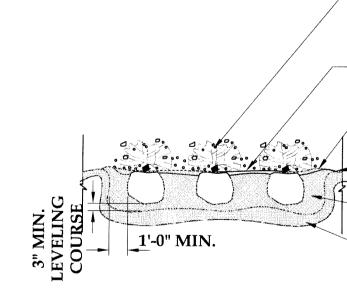
ROOT BALL: CUT, PEEL, AND REMOVE TOP 1/3 BURLAP

— UNDISTURBED SOIL

LANDSCAPE CONTRACTOR TO INSTALL SHRUB(S) TO REFLECT NURSERY GRADE(S)

LAYOUT AS INDICATED ON THE PLANTING PLAN

Shrub Planting Detail



SELECTIVELY PRUNE PERENNIALS AFTER
INSTALLATION FOR BEST APPEARANCE.
REMOVE ALL UNDESIREABLE GROWTH
AND DEAD MATERIAL

3" MIN. MULCH DEPTH WITHIN PLANTING
BED, MULCH BED LAYOUT/SIZING AS
INDICATED ON PLAN

SAUCER SHAPE PLANTING SOIL MIXTURE AT
PERIMETER OF PLANTING BED

PERIMETER OF PLANTING BED

- FINISH GRADE

1/3 TOPSOIL, SAND, AND COMPOSTED MANURE OR

- "MUSHROOM COMPOST" TO 8" MINIMUM DEPTH

- "MUSHROOM COMPOST" TO 8" MINIMUM DEPTH
WITH TERRASORB MIXED IN BEDS
UNDISTURBED SOIL

LAYOUT AS INDICATED ON THE PLANTING PLAN

Perennial Planting Detail
SCALE: NTS



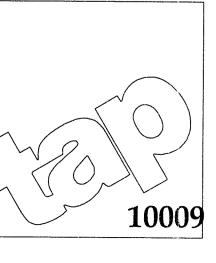
Architect/Designer

LANDSCAPE PLAN

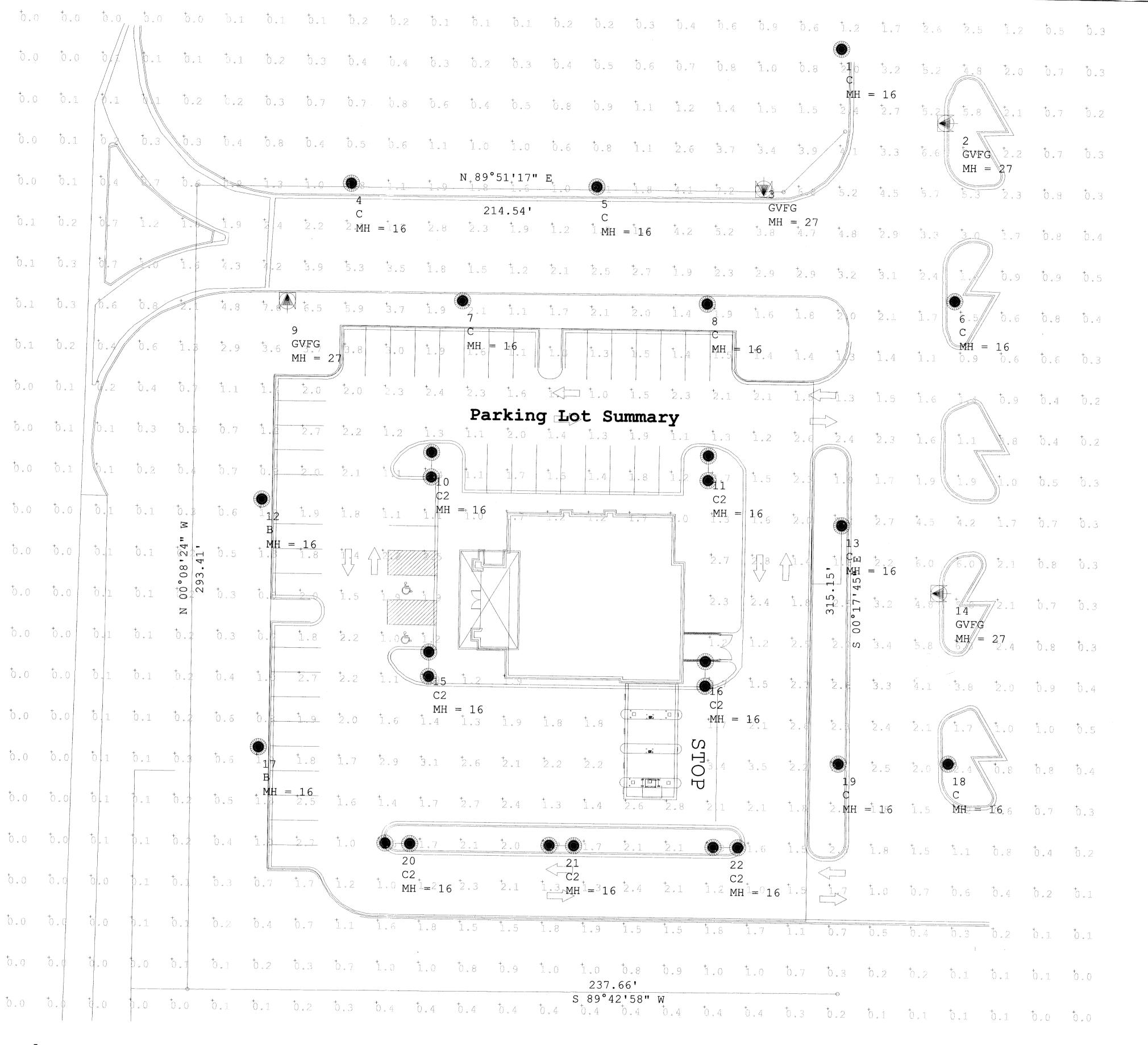
August 6th, 2010

The Architects Partnership
122 South Michigan Avenue

122 South Michigan Avenue Chicago, IL 60603 t: 312.583.9800 f: 312.583.9890



CRYSTAL LAKE, ILLINOIS



Luminaire S	uminaire Schedule								
Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description			
	2	В	SINGLE	14000	0.800	MNC-150-MP-X-3-C-V-X			
	4	GVFG	SINGLE	40000	C.800	MPTR-3S-400			
	9	С	SINGLE	14000	0.800	MNC-150-MP-X-5-C-V-X			
	7	C2	BACK-BACK	14000	0.800	MNC-150-MP-X-5-C-V-X			

Calculation Summary							
Label	CalcType	Units	Avg	Мах	Min	Avg/Min	Max/Min
CalcPts@Grade	Illuminance	Fc	0.71	7.6	0.0	N.A.	N.A.
Parking Lot Summary	Illuminance	Fc	1.84	3.8	1.0	1.84	3.80

LumNo	Label	x	Y	Z	Orient	Tilt
1	С	375	420.5	16	0	0
2	GVFG	418	394	27	180	0
3	GVFG	347.25	373.5	27	270	0
4	С	196.5	369	16	270	0
5	С	286.25	369	16	270	0
6	С	417.75	329	16	180	0
7	С	237.75	326.75	16	90	0
8	С	327.25	326.75	16	90	0
9	GVFG	173.75	321.25	27	90	0
10	C2	227.25	266.75	16	90	0
1.1	C2	328.5	266.75	16	90	0
12	В	165.5	253.25	16	0	0
13	С	377.5	246.5	16	0	0
L 4	GVFG	418	222.25	27	180	0
L 5	C2	227.25	194	16	90	0
L 6	C2	328.5	191.75	16	90	0
L 7	В	165.5	163	16	0	0
. 8	С	417.75	160	16	180	0
9	С	377.5	159.5	16	0	0
20	C2	216.75	128.5	16	0	0
21	C2	276.75	128.5	16	0	0
22	C2	336.75	128.5	16	0	0

Parking Lot Design Guide	Basic (for typical conditions)	Basic Enhanced Security (In consideration of personal security or vandalism)	Security (Security Lighting for Public Spaces)	High Security (Security Lighting for Public Spaces)
	lux/fc	lux/fc	lux/fc	lux/fc
Minimum Horizontal Illuminace (Measured on parking surface without shadowing from any object)	2.0/0.2	5.0/0.5	10.0/1.0	30.0-60.0/3.0 - 6.0
Uniformity Ratio Maximum - to - Minimum	20 : 1	15:1	15:1	*4:1 *Avg - Min
Minimum Vertical Illuminance for Facial recognition measured at 5' above the parking surface at the point of lowest horizontal Buminance	1.0/0.1	2.5/0.25	5.0-8.0/0.5-0.8	12 - 60/1.2-6.0

References RP-33-99, RP-20-98, 9th Edition IESNA Lighting Hand

PHOTOMETRIC PLAN

SCALE: 1"=30'-0"

1205 S. IL ROUTE 31

CRYSTAL LAKE, ILLINOIS

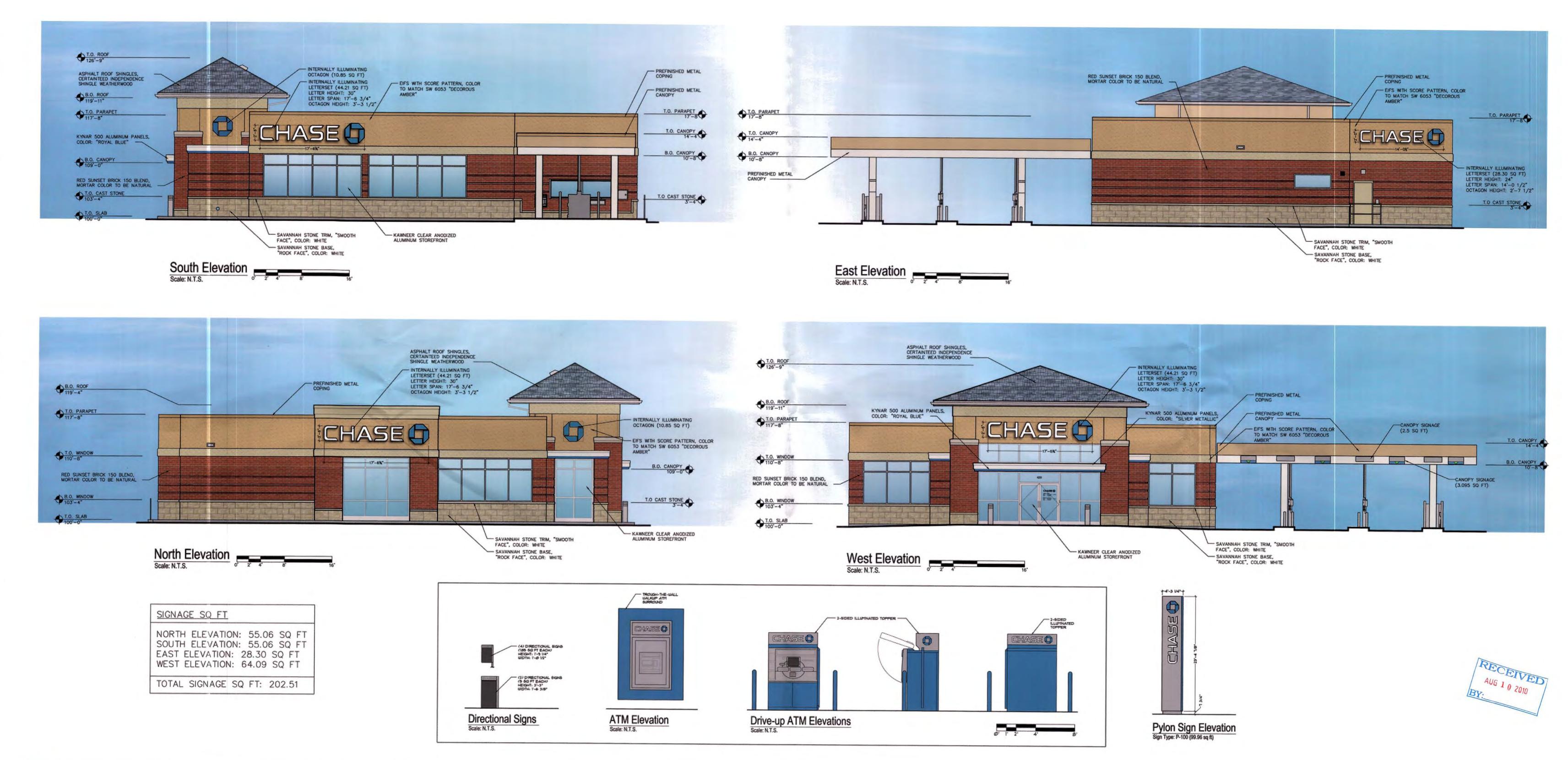


PROPOSED PHOTOMETRIC PLAN

June 29th, 2010

Architect/Designer







PROPOSED ELEVATIONS

June 29th, 2010

Architect/Designer

