Ken Wright – Mayor
Denis Shortal – City Council Post 1
Adrian Bonser – City Council Post 2
Tom Taylor – City Council Post 3
Robert Wittenstein – City Council Post 4
Danny Ross – City Council Post 5
John Heneghan – City Council Post 6

Warren Hutmacher – City Manager
Brian Anderson – City Attorney

Action	**Special Land Use Permit**
Petitioner	**The Most Reverend Wilton D. Gregory, SLD Archbishop of the Roman Catholic Archdiocese of Atlanta, and/or his successors, % George Barrie**
Petitioner's Request	**Construct a columbarium on the grounds of All Saints Catholic Church, 2443 Mount Vernon Road**

All Saints Catholic Church, located at 2443 Mount Vernon Road, which is on the south side of Mount Vernon nearly at its intersection with Jett Ferry, seeks to construct a columbarium and memory garden near the center of the 11.02-acre lot, on the south side of the two primary structures on the site. The site is zoned R-100, and according to §2C-3(c)(3) of the city zoning ordinance, the applicant must secure a special land use permit prior to initiating the use.

Staff believes the site plan indicates the installation of the columbarium will be of high quality, and because a columbarium is a usual and customary accessory function and use of a house of worship, staff can support the applicant's request.

SLUP 09 101

Special Land Use Application Checklist

City of Dunwoody
400 Northridge Road, Suite 1250
Atlanta, GA 30350
Phone: (678) 382-6800
Fax: (678) 382-6701

RECEIVED
SEP 30 2009

☑ Pre-Application conference: ~~Thursday~~ Wednesday, Sept 9, 2009.

Special Land Use Application Requirements, as required by City of Dunwoody Zoning Ordinance §5B-3:

☑ Letter of Intent

☑ Survey Plat of the subject property prepared and sealed w/in the last 10 years by a professional engineer, landscape architect or surveyor. Must include:

a. all property boundaries
b. all existing buildings and structures
c. floodplain notation
d. total acreage/square footage of the property.

☑ Name, mailing address and phone number of all owners of the property.

☑ Signed & notarized affidavits of all owners.

☑ Signed & notarized affidavits for Authorization to Act as Applicant (AAA).

☑ Address & phone contact number for the owner's authorized agent.

☑ Written legal description of the property.

☑ Statement of current zoning classification of the property, requested use of the property, and the specific reference within the applicable zoning district classification which authorizes application for said use by special land use permit.

☑ A written, documented analysis of the impact of the proposed special land use permit with respect to each of the criteria contained in **Section 5B-13** and, where applicable to the use proposed, also the criteria contained in **Section 5B-14**.

☑ Complete and detailed site plan of the proposed use prepared, signed and sealed by an architect, landscape architect or engineer licensed in the State of Georgia, showing the following, as relevant:

a. All buildings and structures proposed to be constructed and their location on the property;
b. Height of proposed building(s);
c. Proposed use of each portion of each building;
d. All driveways, parking areas, and loading areas;
e. Location of all trash and garbage disposal facilities;
f. Setback and buffer zones required in the district in which such use is proposed to be located;
g. Landscaping plan for parking areas.

Special Land Use Application

City of Dunwoody
400 Northridge Road, Suite 1250
Atlanta, GA 30350
Phone: (678) 382-6800
Fax: (678) 382-6701

RECEIVED SEP 30 2009 BY

Applicant Information

Name: George Barrie

Address: 2969 Butner Road, SW - Building C - Atlanta, GA 30331

Phone: 404-885-7294 Fax: 404-885-7299 Email: gbarrie@archatl.com

Property Owner

Owner's Name: The Most Reverend Wilton D. Gregory, S.L.D. Archbishop of the Roman Catholic Archdiocese of Atlanta and/or his successors.

Owner's Address: 680 West Peachtree St, NW - Atlanta, GA 30308

Phone: 404-888-7800 Fax: 404.978-2770 Email:

Property Information

Property Address: 2443 Mount Vernon Rd - Dunwoody, GA Parcel ID: LL 373, 18 District

Current Zoning Classification: R-100

Requested Use of the property: Columbarium

Affidavit

To the best of my knowledge, this special land use application form is correct and complete. If additional materials are determined to be necessary, I understand that I am responsible for filing additional materials as specified by the City of Dunwoody Zoning Ordinance.

Applicant's Signature: George Barrie Date: 9/24/09

Property Owner's Signature: George Barrie for Date: 9/24/09

Notary

Sworn to and subscribed before me this 24th Day of September, 2009

Notary Public: DONNA LEE WORLEY

Signature: Donna Lee Worley

My Commission Expires: March 27, 2010

OFFICIAL SEAL
DONNA LEE WORLEY
Notary Public Georgia
COBB COUNTY
My Commission Expires
March 27, 2010

Most Reverend Wilton D. Gregory, S.L.D., as Archbishop of the Roman Catholic Archdiocese of Atlanta and/or His Successors in Office

Most Reverend Wilton D. Gre[illegible]y, S.L.D., as
Archbishop of the Roman Catholic Archdiocese
of Atlanta and/or His Successors in Office

Property Owner(s) Notarized Certification

City of Dunwoody
400 Northridge Road, Suite 1250
Atlanta, GA 30350
Phone: (678) 382-6800
Fax: (678) 382-6701

RECEIVED SEP 30 2009

The owner and petitioner acknowledge that this Land Use Petition application form is correct and complete. If additional materials are determined to be necessary, the understand that they are responsible for filing additional materials as specified by the City of Dunwoody Zoning Ordinances.

Property Owner

Signature: George Bamie for | Date: 9/24/09

Address: 680 West Peachtree St. NW | City, State: Atlanta, GA | Zip: 30308

Phone: 404-888-7800

Sworn to and subscribed before me this 24th day of September, 20 09

Notary Public: Donna Lee Worley

OFFICIAL SEAL
DONNA LEE WORLEY
Notary Public Georgia
COBB COUNTY
My Commission Expires
March 27, 2010

Property Owner (If Applicable)

Signature: | Date:

Address: | City, State: | Zip:

Phone:

Sworn to and subscribed before me this _____ day of _____, 20_____

Notary Public:

Property Owner (If Applicable)

Signature: | Date:

Address: | City, State: | Zip:

Phone:

Sworn to and subscribed before me this _____ day of _____, 20_____

Notary Public:

Applicant/Petitioner Notarized Certification

City of Dunwoody
400 Northridge Road, Suite 1250
Atlanta, GA 30350
Phone: (678) 382-6800
Fax: (678) 382-6701

RECEIVED SEP 24 2009 BY

Petitioner states under oath that: (1) he/she is the executor or Attorney-In-Fact under a Power-of-Attorney for the owner (attach a copy of the Power-of-Attorney letter and type name above as "Owner"); (2) he/she has an option to purchase said property (attach a copy of the contract and type name of owner above as "Owner"); (3) he/she has an estate for years which permits the petitioner to apply (attach a copy of lease and type name of owner above as "Owner").

Applicant / Petitioner

Signature: [signature]		Date: 9/24/09
Address: 2989 Buford Road, SW - Building C	City, State: Atlanta, GA	Zip: 30331
Phone: 404-885-7294		

Sworn to and subscribed before me this 24th day of September, 20 09

Notary Public: Donna Lee Worley

OFFICIAL SEAL
DONNA LEE WORLEY
Notary Public Georgia
COBB COUNTY
My Commission Expires
March 27, 2010

Attorney / Agent

Signature:		Date:
Address:	City, State:	Zip:
Phone:		

Sworn to and subscribed before me this _____ day of _____, 20_____

Notary Public:

Campaign Disclosure Ordinance

City of Dunwoody
400 Northridge Road, Suite 1250
Atlanta, GA 30350
Phone: (678) 382-6800
Fax: (678) 382-6701

RECEIVED SEP 30 2009

Campaign Disclosure Ordinance
Please read the law and complete the Campaign Disclosure Statement on the following page if you are requesting a Rezoning, Concurrent Variance, or Conditional Use.

GA Citation/Title
GA Code 36-67A-3, Disclosure of campaign contributions
*38069 Code, 36-67A-3

CODE OF GEORGIA TITLE 36. LOCAL GOVERNMENT PROVISIONS APPLICABLE TO COUNTIES AND MUNICIPAL CORPORATIONS CHAPTER 67A. CONFLICT OF INTEREST IN ZONING ACTIONS (Current through 2000 General Assembly)

36-67A-3 Disclosure of campaign contributions.

a) When any applicant for rezoning action has made, within two years immediately preceding the filing of that applicant's application for the rezoning action, campaign contributions aggregating $250.00 or more to a local government official ho will consider the application, it shall be the duty of the applicant to file a disclosure report with the governing authority of the respective local government showing:

   1) The name and official position of the local government official to whom the campaign contribution was made; and
   2) The dollar amount and description of each campaign contribution made by the applicant to the local government official during the two years immediately preceding the filing of the application for the rezoning action and the date of each such contribution.

b) The disclosures required by subsection (a) of this Code section shall be filed within ten days after the application for the rezoning action is first filed.

c) When any opponent of a rezoning action has made, within two years immediately preceding the filing of the rezoning action being opposed, campaign contributions aggregating $250.00 or more to a local government official of the local government which will consider the application, it shall be the duty of the opponent to file a disclosure with the governing authority respective local government showing:

   1) The name and official position of the local government official to whom the campaign contribution was made; and
   2) The dollar amount and description of each campaign contribution made by the opponent to the local government official during the two years immediately preceding the filing of the application for the rezoning action and the date of each such contribution.

d) The disclosure required by subsection (c) of this Code section shall be filed at least five calendar days prior to the first hearing by the local government of any of its agencies on the rezoning application.

(Code 1981, 36-67A-3, enacted by Ga. L. 1986, p. 1269, 1; Ga. L. 1991, p. 1365, 1; Ga. L. 1993, p. 91, 36.)
Official Code of Georgia Annotated Copyright 1982 – 2000 State of Georgia.

Campaign Disclosure Statement

City of Dunwoody
400 Northridge Road, Suite 1250
Atlanta, GA 30350
Phone: (678) 382-6800
Fax: (678) 382-6701

RECEIVED
SEP 30 2009

Have you, within the two years immediately preceding the filing of this application, made campaign contributions aggregating $250.00 or more to a member of the City of Dunwoody City Council or a member of the City of Dunwoody Planning Commission?

☐ YES ☑ NO

Applicant / Owner	
Signature:	George Brown
Address:	680 West Peachtree Street NW, Atlanta, GA 30308
Date:	9/24/09

If the answer above is yes, please complete the following section:

Date	Government Official	Official Position	Description	Amount

SCHEDULE "C"

ALL THAT TRACT or parcel of land lying and being in Land Lot 373 of the 18th District, DeKalb County, Georgia and being more particularly described as follows:

BEGINNING at an iron pin located on the southeast right of way line of Mt. Vernon Highway also known as Mt. Vernon Road, a distance of Eight hundred sixty-three and seven tenths (863.7) feet northeast as measured along the southeast right of way line of Mt. Vernon Highway from the intersection formed by the southeast right of way line of Mt. Vernon Highway with the center line of Tilly Mill Road, also known as Tilly Mill Drive; running thence north 51 degrees 56 minutes 12 seconds east along the southeast right of way line of Mt. Vernon Highway Five hundred and ten (510) feet to an iron pin; running thence south 47 degrees 08 minutes 24 seconds east along the southwest line of Unit 10, Block N Kingsley as per plat recorded in Plat Book 56 page 19, DeKalb County Records and continuing along the southwest line of Unit 1, Block N Kingsley as per plat recorded in Plat Book 44 page 61, DeKalb County Records Nine hundred fifty-one and ninety-four hundredths (951.94) feet to an iron pin; running thence south 63 degrees 17 minutes 00 seconds west along the northwest line of said Unit 1, Block N Kingsley and continuing along the northwest line of Unit 9, Block N Kingsley as per plat recorded in Plat Book 55 page 100 and continuing along the northwest terminus of Sandell Way and continuing along the northwest line of Unit 9, Block M Kingsley as per plat recorded in Plat Book 55 page 100, DeKalb County Records a distance of Six hundred sixty-nine and ninety-six hundredths (669.96) feet to an iron pin; running thence north 38 degrees 16 minutes 56 seconds west along the northeast line of property conveyed to Kathryn Margaret Carpenter by Warranty Deed dated May 17, 1952 recorded in Deed Book 914 page 364, DeKalb County Records a distance of Eight hundred and eight and forty hundredths (808.40) feet to an iron pin located on the southeast right of way line of Mt. Vernon Highway at the point of beginning as shown on survey for Catholic Archdiocese of Atlanta made by Billy D. Sudderth registered land surveyor dated February 12,1971 revised February 23, 1971.

RECEIVED
SEP 30 1989
By

Copyright 1966 American Land Title Association

THE ROMAN CATHOLIC
ARCHDIOCESE OF ATLANTA

RECEIVED
SEP 30 2009
By

Date: September 23, 2009

City of Dunwoody
Community Development Department
41 Perimeter Center East
Dunwoody, GA 30346

Ref: All Saints Catholic Church - 2443 Mount Vernon Road
Submittal for Special Land Use Permit

Gentlemen:

Having Special Power of Attorney on behalf of the Most Reverend Wilton D. Gregory, Archbishop of the Roman Catholic Archdiocese of Atlanta, I am submitting this application for a Special Land Use Permit at the reference property. It is our intent to develop a small area on this property as a columbarium in accordance with the enclosed plans and renderings.

In accordance with the requirements for this application, we enclose the required items as listed by the Special Land Use Application Checklist. We trust that these are satisfactory.

We look forward to present our proposed project at the next Planning Commission public hearing. If additional information is required, please contact Carl Trevathan, Catholic Construction Services, Inc. at 404-494-4203.

Thank you for your consideration.

CATHOLIC CONSTRUCTION SERVICES, INC.

George Barrie
President/CEO

Cc: Carl Trevathan, Catholic Construction Services
Monsignor R. Donald Kiernan, P.A., All-Saints Catholic Church
Ed Konopka, All-Saints Catholic Church

Catholic Construction Services, Inc.
2969 Butner Road, S.W. ▪ Building C ▪ Atlanta Georgia 30331-7860
(404) 888-7838 ▪ Fax (404) 885-7299 ▪ www.archatl.com

THE ROMAN CATHOLIC
ARCHDIOCESE OF ATLANTA
OFFICE OF THE ARCHBISHOP

RECEIVED
SEP 30 2009
By

SPECIAL POWER OF ATTORNEY

I, Wilton D. Gregory, S.L.D., as Archbishop and administrator of The Roman Catholic Archdiocese of Atlanta, and/or His Successors In Office, of 680 West Peachtree Street, Atlanta, the County of Fulton, the State of Georgia, do hereby appoint Mr. George Barrie of 680 West Peachtree Street, N.W., the County of Fulton, the State of Georgia, my true and lawful attorney in fact, for me and in my name, place and stead, and for my use and benefit to:

> make, seal, and deliver, to bargain, contract, agree for, purchase, receive, and take lands, tenements, hereditaments, and accept the possession of all lands, and all deeds and other assurances, in the law therefore, and to lease, let demise, bargain, sell, remise, release, convey, mortgage, and hypothecate lands, tenements, and hereditaments upon such terms and conditions and under such covenants as he shall think fit;
>
> Also to bargain and agree for, buy, sell, mortgage, hypothecate, and in any and every way and manner deal in and with goods, wares, and merchandise, chooses in action, and other property in possession or in action, and to make, do, and transact all and every kind of business of whatsoever nature and kind; and also for me and in my name, and as my act and deed, to sign, seal, execute, deliver, and acknowledge such deeds, leases, mortgages, hypothecations, charter parties, bills of releases and satisfaction of mortgage, judgments, and other debts, and such other instruments in writing of whatsoever kind and nature as may be necessary or proper in the premises;
>
> I further give and grant unto the attorney in fact full power and authority to do everything necessary and proper to be done in the exercise of any of the foregoing powers as fully as I might or could do if personally present, with full power of substitution and revocation, hereby ratifying and confirming all that my attorney shall lawfully do or cause to be done by virtue hereof.
>
> This Special Power of Attorney is effective from February 1, 2009 through February 1, 2010.
>
> Executed this 12th day of January, 2009, at Atlanta, the State of Georgia.

+Wilton D. Gregory

Most Reverend Wilton D. Gregory
Archdiocese of Atlanta, the County of Fulton, the State of Georgia

On January 12th, 2009, before me, Kenya Graham, a notary public for the State of Georgia, personally appeared Archbishop Wilton D. Gregory, Archbishop of the Archdiocese of Atlanta, known to me or proved to me to be the person whose name is subscribed to the within power of attorney, and acknowledged to me that he or she executed the same.

Kenya A. Graham
Notary Public for the State of Georgia

(Notary Seal)

Kristle Rogers Miles
Witness

Laura Callender
Witness

680 West Peachtree Street, N.W. - Atlanta, Georgia 30308-1984 - (404) 888-7804 - Fax (404) 885-7230

THE ROMAN CATHOLIC
ARCHDIOCESE OF ATLANTA

RECEIVED
SEP 30 2009
By

Date: September 23, 2009

City of Dunwoody
Community Development Department
41 Perimeter Center East
Dunwoody, GA 30346

Ref: All Saints Catholic Church - 2443 Mount Vernon Road
Zoning Statement - SLUP

Gentlemen:

We are submitting for a Special Land Use Permit to construct a columbarium at this property. The current zoning is R-100.

In accordance with Section 2C-5 of the zoning classification, cemeteries, columbariums, and mausoleums are allowed in R-100 under a Special Use Permit.

If additional information is required, please contact Carl Trevathan, Catholic Construction Services, Inc. at 404-494-4203.

Thank you for your consideration.

CATHOLIC CONSTRUCTION SERVICES, INC.

George Barrie
President/CEO

Cc: Carl Trevathan, Catholic Construction Services
Monsignor R. Donald Kiernan, P.A., All-Saints Catholic Church
Ed Konopka, All-Saints Catholic Church

Catholic Construction Services, Inc.
2969 Butner Road, S.W. ▪ Building C ▪ Atlanta Georgia 30331-7860
(404) 888-7838 ▪ Fax (404) 885-7299 ▪ www.archatl.com

THE ROMAN CATHOLIC
ARCHDIOCESE OF ATLANTA

RECEIVED
SEP 30 2009
By

Date: September 23, 2009

City of Dunwoody
Community Development Department
41 Perimeter Center East
Dunwoody, GA 30346

Ref: All Saints Catholic Church - 2443 Mount Vernon Road
Impact Analysis - SLUP

Gentlemen:

We are submitting for a Special Land Use Permit to construct a columbarium at this property. The current zoning is R-100.

Below is an analysis of the impact of the SLUP permit with respect to the criteria contained in Section 5B-13 and 5B-14 of the zoning ordinances.

Section 5B-13. SLUP; Criteria to be applied.

a) **Adequacy of the size of the site for the use contemplated and whether or no the adequate land area is available for the proposed use including provisions of all required yards, open space, off-street parking, and all other applicable requirements of the zoning district in which the use is proposed to be located.** The proposed development is within an undeveloped space surrounded by the current parking. The development is not within any setbacks or buffers. The parking areas are unaffected, and there are no changes to the capacity requirements of the church, therefore no changes to the parking count are required.

b) **Compatibility of the proposed use with adjacent properties and land uses and with other properties and land uses in the district.** NA

c) **Adequacy of public services, public facilities, and utilities to serve the use contemplated.** Power for outdoor lighting and plumbing for a water feature will be available from the church's current services. No additional meters or taps will be necessary. Storm drainage, if needed, will be connected to the private storm drainage system interior of the property.

d) **Adequacy of the public street on which the use is proposed to be located and whether or not there is sufficient traffic-carrying capacity for the use proposed so as not to unduly increase traffic and create congestion in the area.** The development will not change the operating schedule of the church, or change the traffic flow off the property onto public

Catholic Construction Services, Inc.

2969 Butner Road, S.W. ▪ Building C ▪ Atlanta Georgia 30331-7860
(404) 888-7838 ▪ Fax (404) 885-7299 ▪ www.archatl.com

RECEIVED
SEP 30 2009
By

streets. Ritual services will likely be held in conjunction with funeral services customarily held at the church.

e) **Whether or not existing land uses located along access routes to the site will be adversely affected by the character of the vehicles or the volume of traffic generated by the proposed use.** The development will not change the operating schedule of the church, or change the traffic flow off the property onto public streets.

f) **Ingress and egress to the subject property and to all proposed buildings, structures, and uses thereon, with particular reference to pedestrian and automotive safety and convenience, traffic flow and control, and access in the event of fire or other emergency.** The proposed use will not alter the traffic flow or requirements with respect to egress of the property. Emergency access routes and fire lanes on the property will not change.

g) **Whether or not the proposed use will create adverse impacts upon any adjoining land use by reason of noise, smoke, odor, dust, or vibration generated by the proposed use.** The proposed use will not emit additional noise, smoke, odor, dust or vibration. Outdoor use for ritual services will likely not require any electronic public address system or other voice enhancement system.

h) **Whether or not the proposed use will create adverse impacts upon any adjoining land use by reason of the hours of operation of the proposed use.** Ritual services will occur during daylight hours, usually in conjunction with funeral service customarily held at the church.

i) **Whether or not the proposed use will create adverse impacts upon any adjoining land use by reason of the manner of operation of the proposed use.** Parking for ritual services will be internal to the property, and will usually be in conjunction with funeral services customarily held at the church.

j) **Whether or not the proposed plan is otherwise consistent with the requirements of the zoning district classification in which the use is proposed to be located.** Columbariums are allowed in zoning R-100 under special land use permitting. The columbarium is to be a part of the overall ministry of the church toward the congregation members.

k) **Whether or not the proposed use is consistent with the policies of the comprehensive plan.** N/A/

l) **Whether or not the proposed plan provides for all required buffer zones and transitional buffer zones where required by the regulations of the district in which the use is proposed to be located.** The proposed use does not affect the current buffer zones currently in place at the property.

m) **Whether or not there is adequate provision of refuse and service area.** N/A.

n) **Whether the length of time for which the special land use permit is granted should be limited in duration.** Since the proposed use provides a ministry which is intended to be permanent, we request that the special land use permit not be limited in duration.

o) **Whether or not the size, scale and massing of proposed buildings are appropriate in relation to the size of the subject property and in relation to the size, scale and massing of adjacent and nearby lots and buildings.** N/A

RECEIVED
SEP 30 2009
By

p) **Whether the proposed plan will adversely affect historic buildings, sites districts, or archaeological resources.** N/A.

q) **Whether the proposed use satisfies the requirements contained within the supplemental regulations for such special land use permits.** N/a.

r) **Whether or not the proposed building as a result of its proposed height will create a negative shadow impact on any adjoining lot or building.** Structures are limited in height and are interior of the property. No shadow impact will occur on any adjoining lots or buildings.

Sec. 5B-14. Additional Criteria for Specified Uses. The additional criteria listed in this section are not applicable to the proposed use of the development

Thank you for your consideration.

CATHOLIC CONSTRUCTION SERVICES, INC.

George Barrie
President/CEO

Cc: Carl Trevathan, Catholic Construction Services
Monsignor R. Donald Kiernan, P.A., All-Saints Catholic Church
Ed Konopka, All-Saints Catholic Church

SLUP 09-101

Return to Console | Print Receipt

City of Dunwoody Sales Receipt

Wednesday September 30, 2009

Permit # SLUP 09 101

Order # 2198

Transaction Date: 9/30/2009

Transaction Status: APPROVED

Transaction Amount: 450.00

Account# 2000....0935

☐ Collapse All Rows

Description	Quantity	Amount	Tran #

Signature

By clicking the process payment button, you authorize an electronic debit from your checking account that will be processed through the regular banking system. If your full order is not available at the same time, you authorize partial debits to your account, not to exceed the total authorized amount. The partial debits will take place upon each shipment of partial goods. If any of your payments are returned unpaid, you will be charged a returned item fee up to the maxium allowed by law. To exit without authorizing, click Cancel.

Return to Console | Print Receipt

City of Dunwoody Sales Receipt

Wednesday September 30, 2009

Permit # SLUP 09 101

Order # 2197

Transaction Date: 9/30/2009

Transaction Status: APPROVED

Transaction Amount: 50.00

Account# 2000....0935

RECEIVED
SEP 30 2009
BY

☐ Collapse All Rows

Description	Quantity	Amount	Tran #

Signature

By clicking the process payment button, you authorize an electronic debit from your checking account that will be processed through the regular banking system. If your full order is not available at the same time, you authorize partial debits to your account, not to exceed the total authorized amount. The partial debits will take place upon each shipment of partial goods. If any of your payments are returned unpaid, you will be charged a returned item fee up to the maxium allowed by law. To exit without authorizing, click Cancel.

Ken Wright – Mayor
Denis Shortal – City Council Post 1
Adrian Bonser – City Council Post 2
Tom Taylor – City Council Post 3
Robert Wittenstein – City Council Post 4
Danny Ross – City Council Post 5
John Heneghan – City Council Post 6

Warren Hutmacher – City Manager
Brian Anderson – City Attorney

October 28, 2009

George Barrie
2969 Butner Road, SW
Building C
Atlanta, GA 30331

RE: Complete & Compliant Request for Special Land Use Permit (SLUP 09101)

Dear Mr. Barrie:

Staff has reviewed your submittal for a Request for Special Land Use Permit. Staff has deemed your application complete and compliant, and has placed the item on the Community Council agenda for November 12, 2009.

A staff report and recommendation will be drafted in the coming weeks, and will follow under separate cover.

You or your representative's presence is requested at the meeting when your item is to be considered. The meeting will be held at City Hall, in the Council Chambers, beginning at 7:00 p.m. Should you or your representative not be able to attend the meeting, please contact our staff as soon as possible.

Should you have any questions, please contact me at (678)382-6810.

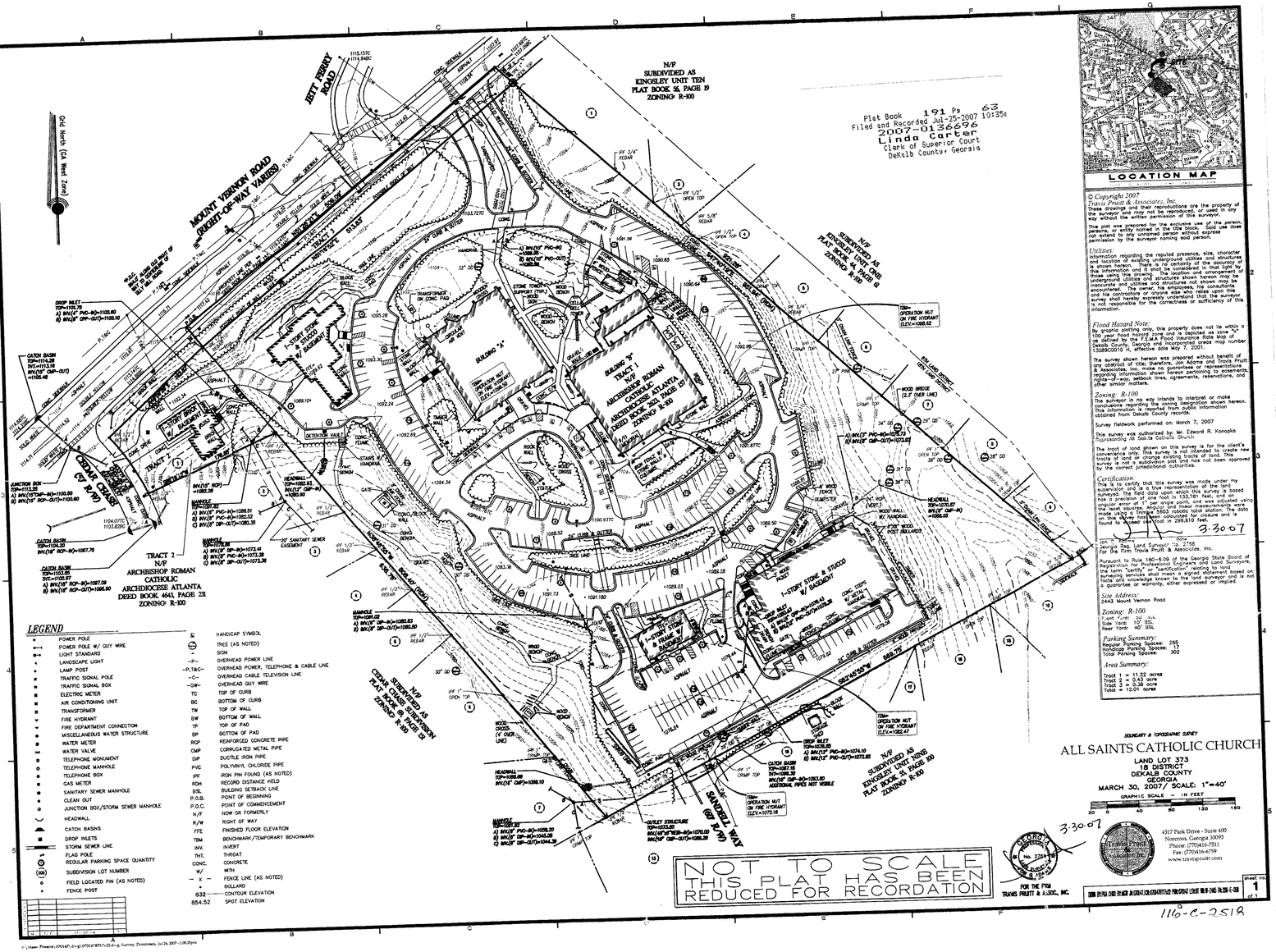
Sincerely,

Howard J. Koontz

Howard Koontz
City Planner /City Arborist

Cc: SLUP 09101 File

City of Dunwoody
41 Perimeter Center East, Suite 250 – Dunwoody, GA 30346
P: 678-382-6700 - F: 678-382-6701 - www.dunwoodyga.gov



LOCATION MAP

LEGEND

	POWER POLE		HANDICAP SYMBOL
	POWER POLE W/ GUY WIRE		TREE (AS NOTED)
	LIGHT STANDARD		SIGN
	LANDSCAPE LIGHT	-P-	OVERHEAD POWER LINE
	LAMP POST	-P,T&C-	OVERHEAD POWER, TELEPHONE & CABLE LINE
	TRAFFIC SIGNAL POLE	-C-	OVERHEAD CABLE TELEVISION LINE
	TRAFFIC SIGNAL BOX	-GW-	OVERHEAD GUY WIRE
	ELECTRIC METER	TC	TOP OF CURB
	AIR CONDITIONING UNIT	BC	BOTTOM OF CURB
	TRANSFORMER	TW	TOP OF WALL
	FIRE HYDRANT	BW	BOTTOM OF WALL
	FIRE DEPARTMENT CONNECTION	TP	TOP OF PAD
	MISCELLANEOUS WATER STRUCTURE	BP	BOTTOM OF PAD
	WATER METER	RCP	REINFORCED CONCRETE PIPE
	WATER VALVE	CMP	CORRUGATED METAL PIPE
	TELEPHONE MONUMENT	DIP	DUCTILE IRON PIPE
	TELEPHONE MANHOLE	PVC	POLYVINYL CHLORIDE PIPE
	TELEPHONE BOX	IPF	IRON PIN FOUND (AS NOTED)
	GAS METER	RDH	RECORD DISTANCE HELD
	SANITARY SEWER MANHOLE	BSL	BUILDING SETBACK LINE
	CLEAN OUT	P.O.B.	POINT OF BEGINNING
	JUNCTION BOX/STORM SEWER MANHOLE	P.O.C.	POINT OF COMMENCEMENT
	HEADWALL	N/F	NOW OR FORMERLY
	CATCH BASINS	R/W	RIGHT OF WAY
	DROP INLETS	FFE	FINISHED FLOOR ELEVATION
	STORM SEWER LINE	TBM	BENCHMARK/TEMPORARY BENCHMARK
	FLAG POLE	INV.	INVERT
	REGULAR PARKING SPACE QUANTITY	THT.	THROAT
200	SUBDIVISION LOT NUMBER	CONC.	CONCRETE
		W/	WITH
	FIELD LOCATED PIN (AS NOTED)	— X —	FENCE LINE (AS NOTED)
	FENCE POST	•	BOLLARD
		832	CONTOUR ELEVATION
		854.52	SPOT ELEVATION

© Copyright 2007
Travis Pruitt & Associates, Inc.
These drawings and their representations are the property of the surveyor and may not be reproduced, or used in any way without the express permission of this surveyor.

This plat was prepared for the exclusive use of the person, persons, or entity named in the title block. Said use does not extend to any unnamed person without express permission by the surveyor naming said person.

Utilities:
Information regarding the reputed presence, size, character and location of existing underground utilities and structures is shown hereon. There is no certainty of the accuracy or the information shown on the ground regarding in that sight by those using utilities and structures shown hereon may be encountered. The location and arrangement of underground utilities and structures not shown may be encountered. The owner, his employees, his consultants and his contractors or anyone else who relies upon this survey shall hereby expressly understand that the surveyor is not responsible for the correctness or sufficiency of this information.

Flood Hazard Note:
Is by graphic plotting only, this property does not lie within a 100 year flood hazard zone and is depicted as zone "X" as defined by the F.E.M.A. Flood Insurance Rate Map of DeKalb County, Georgia and Incorporated areas map number 13089C0010 H, effective date May 7, 2001.

The survey shown hereon was prepared without benefit of any abstract of title; therefore, Jon Adams and Travis Pruitt & Associates, Inc. make no guarantees or representations regarding information shown hereon pertaining to easements, rights-of-way, setback lines, agreements, reservations, and other similar matters.

Zoning: R-100
The surveyor in no way intends to interpret or make conclusions regarding the zoning designation shown hereon. This information is reported from public information obtained from Dekalb County records.

Survey fieldwork performed on March 7, 2007

This survey was authorized by: Mr. Edward R. Konopka
Representing: All Saints Catholic Church

The tract of land shown on this survey is for the client's exclusive use. This survey is not intended to create new pieces of land or change existing tracts of land. This survey is not a subdivision plat and has not been approved by the correct jurisdictional authorities.

Certification:
This is to certify that this survey was made under my supervision and is a true representation of the land surveyed. The field data upon which this survey is based has a closure error of one foot in 133,781 feet, and an error of 1" per single point, and was adjusted using the least squares. Angular and linear measurements were made using a Trimble 5603 robotic total station and a data collector. The total area of this survey has been calculated for closure and is found to be closed and total is 299,610 feet.

3-30-07
Sign Date
Georgia Reg. Land Surveyor No. 2758
For the Firm Travis Pruitt & Associates, Inc.

Pursuant to Rule 180-6.09 of the Georgia State Board of Registration for Professional Engineers and Land Surveyors, the term "certify" or "certification" relating to land surveying services shall mean an expressed statement based on facts and knowledge known to the land surveyor and is not a guarantee or warranty, either expressed or implied.

Site Address:
2443 Mount Vernon Road

Zoning: R-100
Front Yard: 50' BSL
Side Yard: 10' BSL
Rear Yard: 40' BSL

Parking Summary:
Regular Parking Spaces: 285
Handicap Parking Spaces: 17
Total Parking Spaces: 302

Area Summary:
Tract 1 = 11.22 acres
Tract 2 = 0.43 acres
Tract 3 = 0.36 acres
Total = 12.01 acres

BOUNDARY & TOPOGRAPHIC SURVEY

ALL SAINTS CATHOLIC CHURCH

LAND LOT 373
18 DISTRICT
DEKALB COUNTY
GEORGIA
MARCH 30, 2007 SCALE: 1"=40'

GRAPHIC SCALE - IN FEET
20 0 40 80 120 160

3-30-07

4317 Park Drive - Suite 400
Norcross, Georgia 30093
Phone: (770)416-7511
Fax: (770)416-6759
www.travispruitt.com

FOR THE FIRM
TRAVIS PRUITT & ASSOC. INC.

SHEET NO. 1 of 1

116-C-2518

C:\Users\Pruitt\DWG\07014TT\07014TT1-25.dwg, Survey, Zoominoss, Jul 24, 2007 - 1:05:05pm

NOTE:
-CONTRACTOR TO MEET WITH LANDSCAPE ARCHITECT ON-SITE PRIOR TO ANY SITE DEMOLITION OR CLEARING.
-EXISTING GROUND PLANE VEGETATION TO BE REMOVED UNLESS OTHERWISE NOTED ON PLAN.
-ALL TREES TO REMAIN ON SITE UNLESS NOTED ON PLAN. CAUTION SHOULD BE TAKEN DURING CONSTRUCTION TO AVOID DISTURBANCE OF EXISTING TREES AND COMPACTION OF SOIL AROUND ROOT ZONES.

ROCK WALL TO BE REMOVED
CONCRETE BENCH TO BE RELOCATED ON SITE
6" CHERRY TO BE REMOVED
6" CHERRY
CONCRETE SIDEWALK AND STAIRS TO BE REMOVED
7" DOGWOOD TO BE REMOVED
4" DOGWOOD
7" DOGWOOD
JUNIPER TO BE REMOVED
WOODEN CROSSES TO BE RELOCATED ON SITE
CONCRETE SIDEWALK TO BE REMOVED TO ADD A HANDICAP RAMP - SIDEWALK TO BE CUT AT EXISTING JOINTS
SIDEWALK TO BE REMOVED
CONCRETE BENCH TO BE RELOCATED. SEE SHEET HS-2
15" PINE
15" OAK
7" HARDWOOD
CONTRACTOR TO GRIND EXISTING STUMP AND FILL VOID WITH TOP SOIL
10" PINE
PRAYER BENCH TO BE RELOCATED ON SITE. SEE SHEET HS-2
MARY STATUE TO BE RELOCATED ON SITE. SEE SHEET HS-2
CONCRETE BENCHES TO BE RELOCATED. SEE SHEET HS-2
8" OAK
8" OAK
14" OAK
14" MAPLE
20" OAK
20" OAK
LIMITS OF CONSTRUCTION
18" POPLAR
15" POPLAR
15" POPLAR TO BE REMOVED
9" MAPLE TO BE REMOVED
9" MAPLE
4" DOGWOOD
12" MAPLE
5 DWARF BURNING BUSH TO REMAIN. 1 TO BE RELOCATED. REFER TO PLANTING PLAN.
5 TREE-FORM BURFORD HOLLIES TO REMAIN
PLAQUE TO BE RELOCATED. SEE SHEET HS-2

A / HS-1 SITE DEMOLITION PLAN
SCALE:1"=10'-0"

0' 5' 10' 20'
NORTH

Last modified on 07/10/08 by KEITH
File located in S:\2008\08020\Graphics\W-Hardscape\ 08020HW1.dwg

6 Executive Park Drive
Suite 300
Atlanta, GA 30329
www.hgor.com
p. 404-248-1960
f. 404-248-1092
HGOR
PLANNERS & LANDSCAPE ARCHITECTS

REVISIONS

NO.	DATE	ISSUE

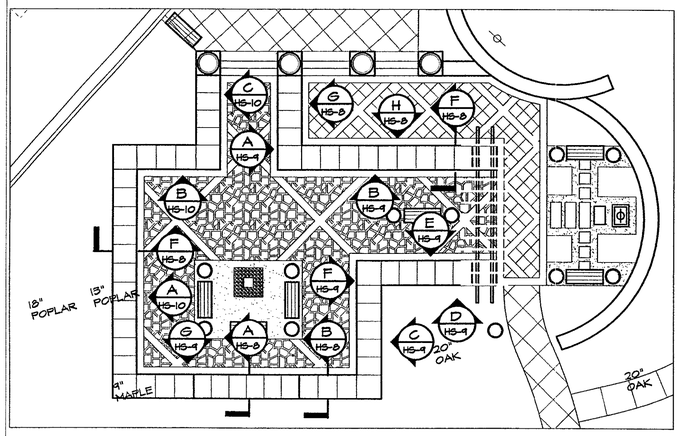
All Saints Catholic Church
Dunwoody, GA

All Saints Catholic Church
Dunwoody, GA

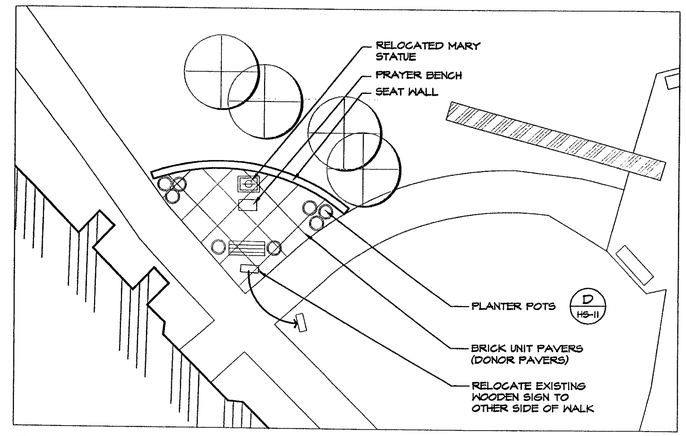
TITLE
DEMOLITION PLAN

DATE	7/10/08
JOB NO.	08020
DWG FILE	08020HW1
DRAWN BY	MM
CHECKED	KL
SCALE	1"=10'-0"
SHEET	HS-1

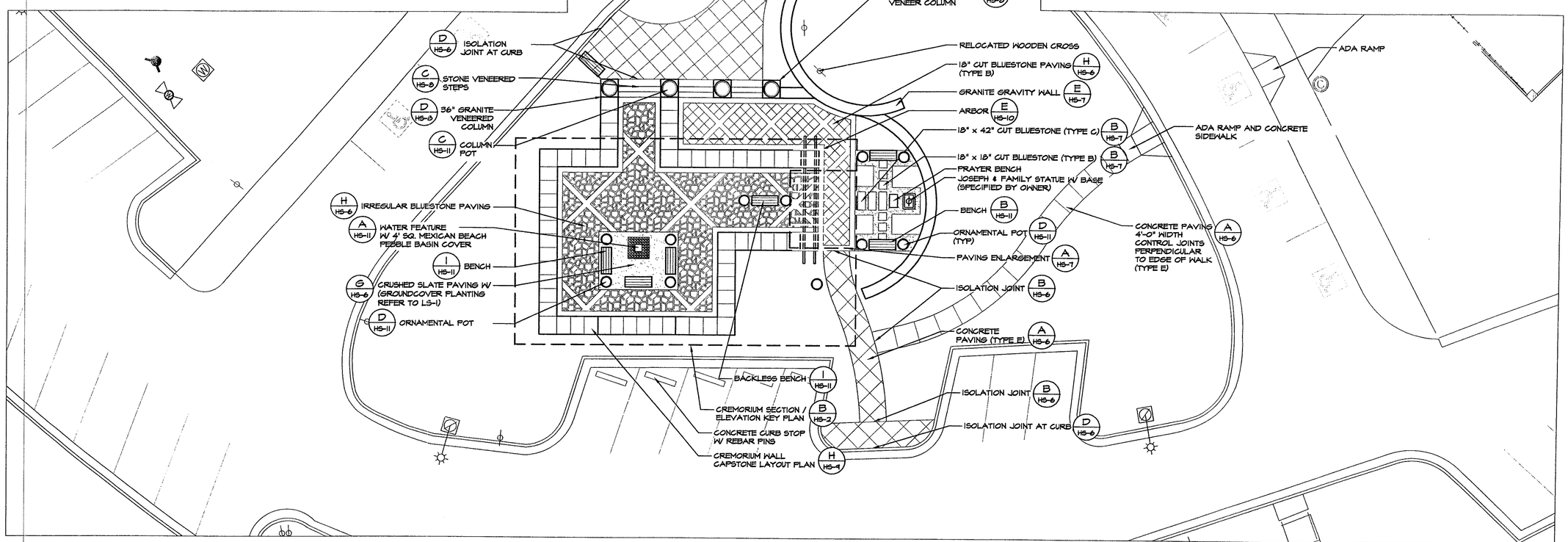
NOT RELEASED FOR CONSTRUCTION



B HS-2 CREMORIUM SECTION / ELEVATION KEY PLAN
SCALE:1"=10'-0"



C HS-2 MARY STATUE PLAZA
SCALE:1"=10'-0"



A HS-2 SITE IMPROVEMENT PLAN
SCALE:1"=10'-0"

6 Executive Park Drive
Suite 300
Atlanta, GA 30329
www.hgor.com
p. 404-248-1960
f. 404-248-1092

HGOR
PLANNERS LANDSCAPE ARCHITECTS

REVISIONS

NO.	DATE	ISSUE
△		
△		
△		
△		
△		
△		

All Saints Catholic Church
Dunwoody, GA

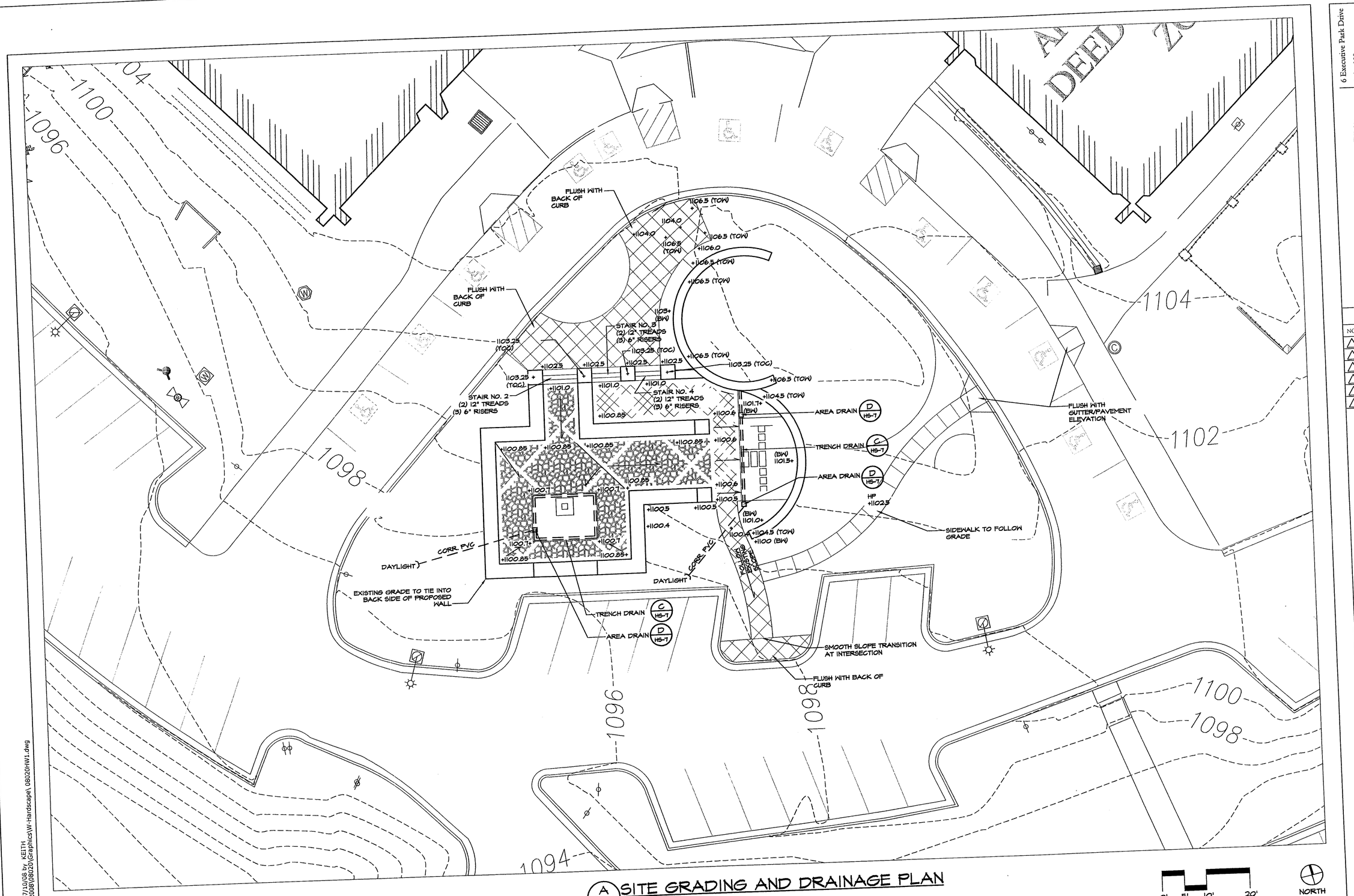
All Saints Catholic Church
Dunwoody, GA

TITLE
SITE IMPROVEMENT PLAN

DATE	7/10/08
JOB NO.	08020
DWG FILE	08020HW1
DRAWN BY	MM
CHECKED	KL
SCALE	1"=10'-0"
SHEET	HS-2

NOT RELEASED FOR CONSTRUCTION

Last modified on 07/10/08 by KEITH
File located in S:\2008\08020\Graphics\W-Hardscape\ 08020HW1.dwg



A HS-3 SITE GRADING AND DRAINAGE PLAN
SCALE:1"=10'-0"

0' 5' 10' 20'

NORTH

6 Executive Park Drive
Suite 300
Atlanta, GA 30329
www.hgor.com
p. 404-248-1960
f. 404-248-1092

HGOR
PLANNERS & LANDSCAPE ARCHITECTS

REVISIONS

NO.	DATE	ISSUE

All Saints Catholic Church
Dunwoody, GA

All Saints Catholic Church
Dunwoody, GA

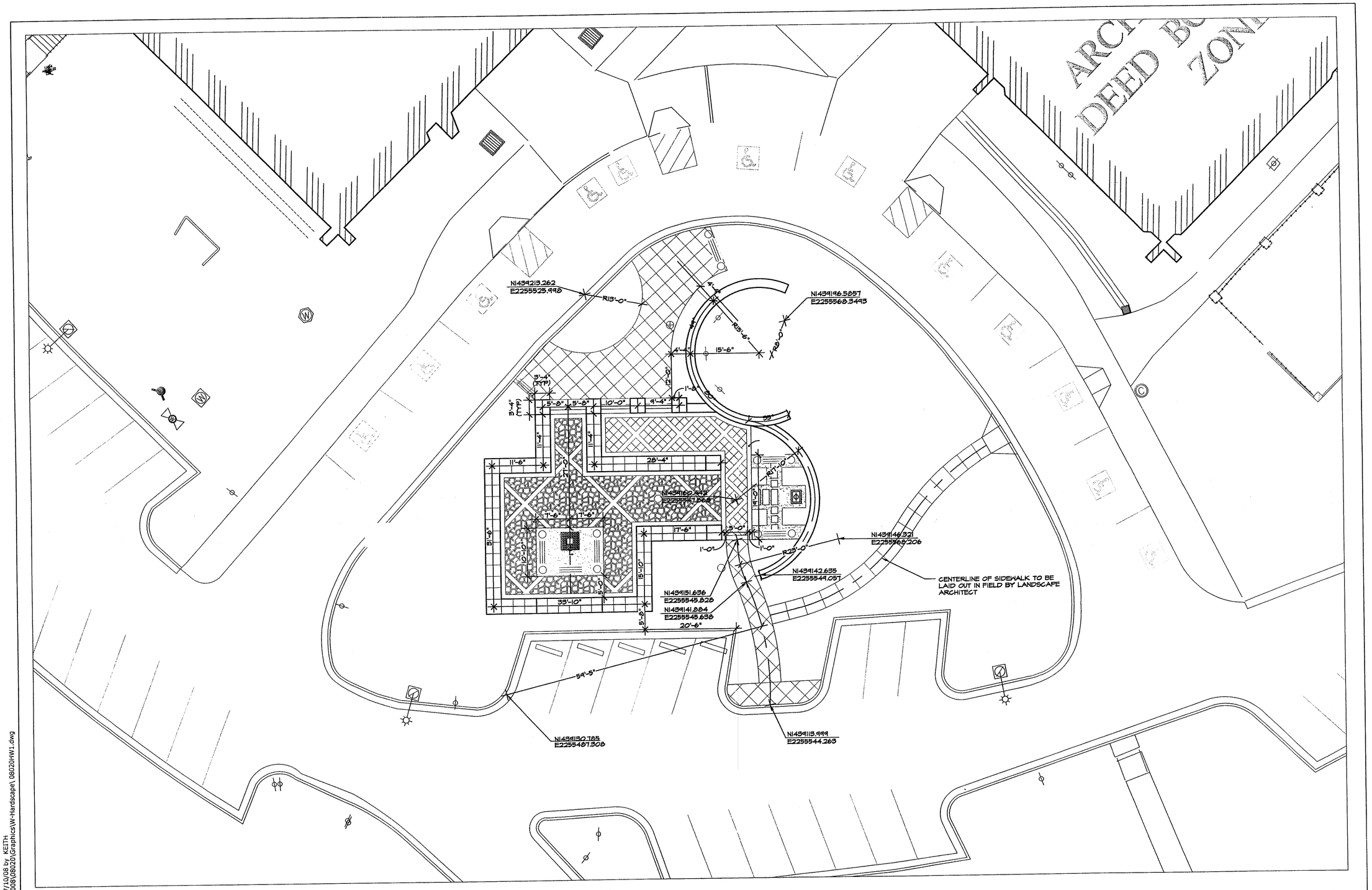
TITLE
SITE GRADING & DRAINAGE PLAN

DATE	7/10/08
JOB NO.	08020
DWG FILE	08020HW1
DRAWN BY	MM
CHECKED	KL
SCALE	1"=10'-0"
SHEET	HS-3

3 OF 16

NOT RELEASED FOR CONSTRUCTION

Last modified on 07/10/08 by KEITH
File located in S:\2008\08020\Graphics\W-Hardscape\ 08020HW1.dwg



A HS-4 SITE LAYOUT PLAN
SCALE:1"=10'-0"

0' 5' 10' 20'

NORTH

6 Executive Park Drive
Suite 300
Atlanta, GA 30329
www.hgot.com
p. 404-248-1960
f. 404-248-1092

HGOT
PLANNERS & LANDSCAPE ARCHITECTS

REVISIONS

NO.	DATE	ISSUE
△		
△		
△		
△		
△		
△		

All Saints Catholic Church
Dunwoody, GA

All Saints Catholic Church
Dunwoody, GA

TITLE
SITE LAYOUT PLAN

DATE	7/10/08
JOB NO.	08020
DWG FILE	08020HW1
DRAWN BY	MM
CHECKED	KL
SCALE	1"=10'-0"
SHEET	HS-4

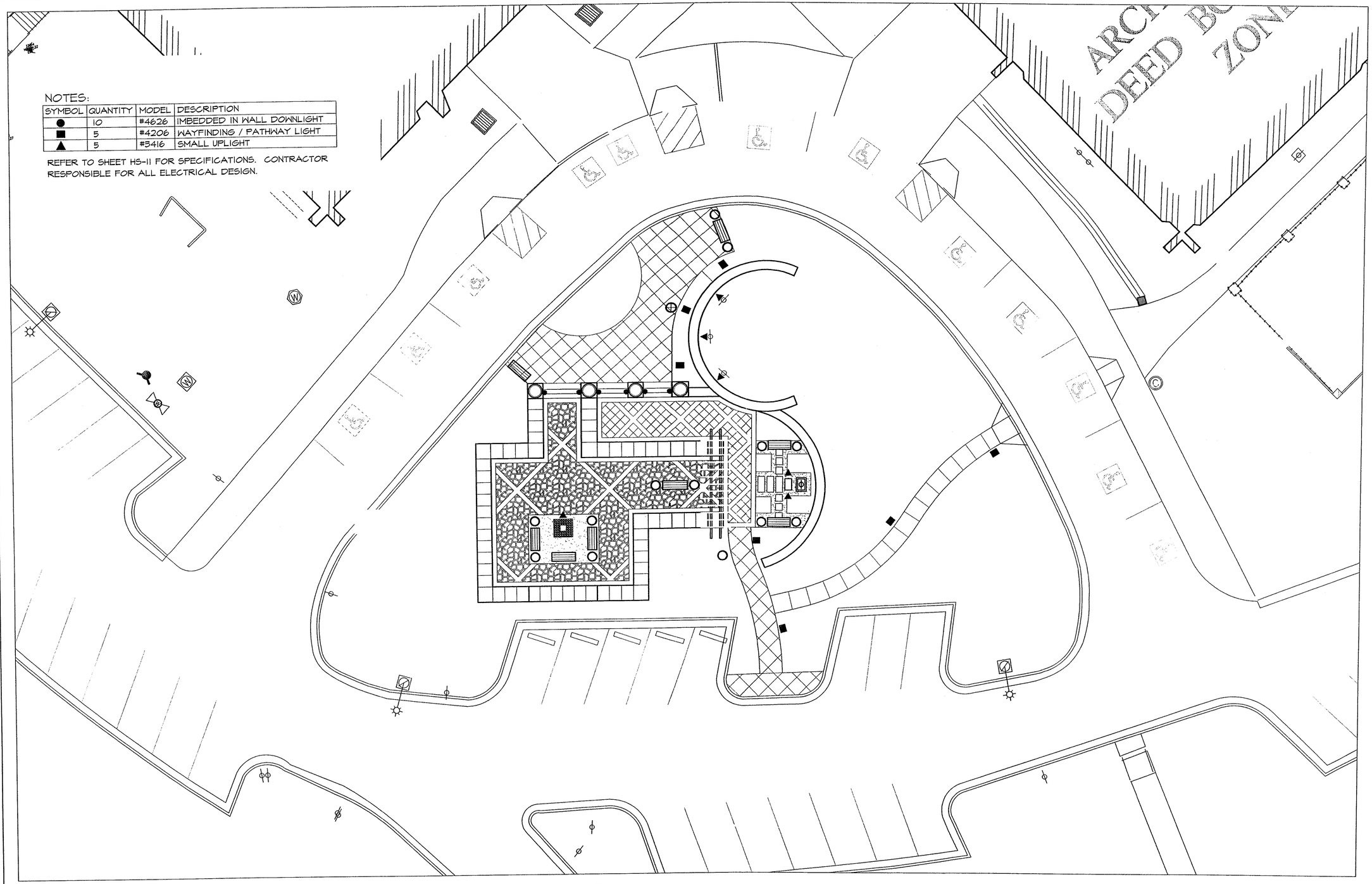
NOT RELEASED FOR CONSTRUCTION

Last modified on 07/10/08 by KEITH
File located in S:\2008\08020\Graphics\W-Hardscape\ 08020HW1.dwg

NOTES:

SYMBOL	QUANTITY	MODEL	DESCRIPTION
●	10	#4626	IMBEDDED IN WALL DOWNLIGHT
■	5	#4206	WAYFINDING / PATHWAY LIGHT
▲	5	#3416	SMALL UPLIGHT

REFER TO SHEET HS-11 FOR SPECIFICATIONS. CONTRACTOR RESPONSIBLE FOR ALL ELECTRICAL DESIGN.



A HS-5 SITE LIGHTING PLAN
SCALE: 1"=10'-0"

0' 5' 10' 20'

NORTH

6 Executive Park Drive
Suite 300
Atlanta, GA 30329
www.hgor.com
p. 404-248-1900
f. 404-248-1092

HGOR
PLANNERS LANDSCAPE ARCHITECTS

REVISIONS

NO.	DATE	ISSUE
△		
△		
△		
△		
△		
△		

All Saints Catholic Church
Dunwoody, GA

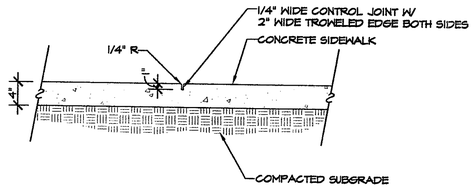
All Saints Catholic Church
Dunwoody, GA

TITLE
LIGHTING PLAN

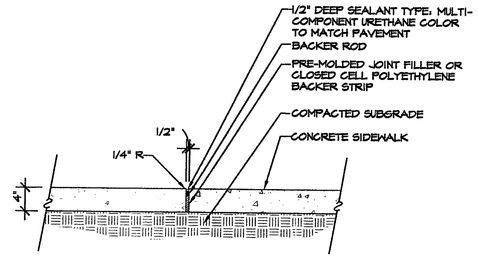
DATE	7/10/08
JOB NO.	08020
DWG FILE	08020HW1
DRAWN BY	MM
CHECKED	KL
SCALE	1"=10'-0"
SHEET	HS-5

NOT RELEASED FOR CONSTRUCTION

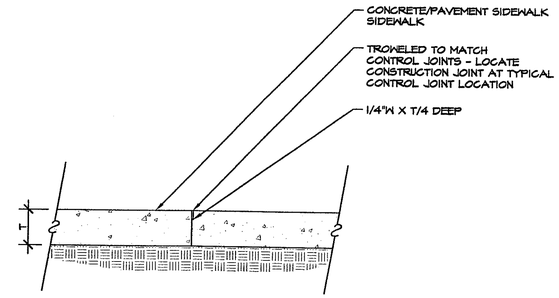
Last modified on 07/10/08 by KEITH
File located in S:\2008\08020\Graphics\W-Hardscape\ 08020HW1.dwg



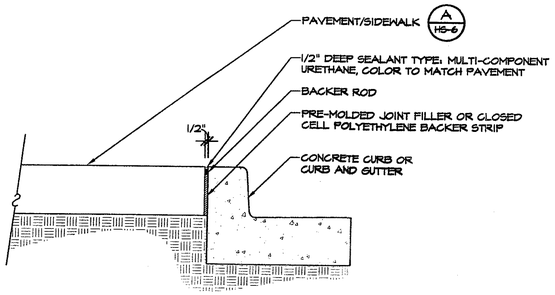
A / HS-6 CONCRETE SIDEWALK SECTION WITH TYPICAL CONTROL JOINT
SCALE: 1"=1'-0"
FILE NAME: PACPSE-005



B / HS-6 CONCRETE SIDEWALK ISOLATION JOINT SECTION
SCALE: 1"=1'-0"
FILE NAME: PACPSE-004

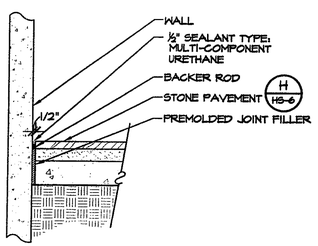


C / HS-6 CONCRETE PAVEMENT/ SIDEWALK CONSTRUCTION JOINT SECTION
SCALE: 1"=1'-0"
FILE NAME: PACPSE-005



D / HS-6 PAVEMENT/SIDEWALK ISOLATION JOINT @ BACK OF CURB SECTION
SCALE: 1"=1'-0"
FILE NAME: PACPSE-001

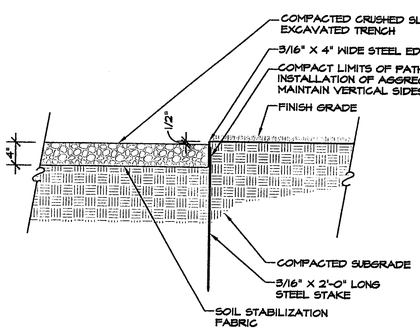
NOTE: CONSTRUCT 3/16" FT. SLOPE ACROSS PATHWAY WITH PREVAILING EXISTING GRADE.



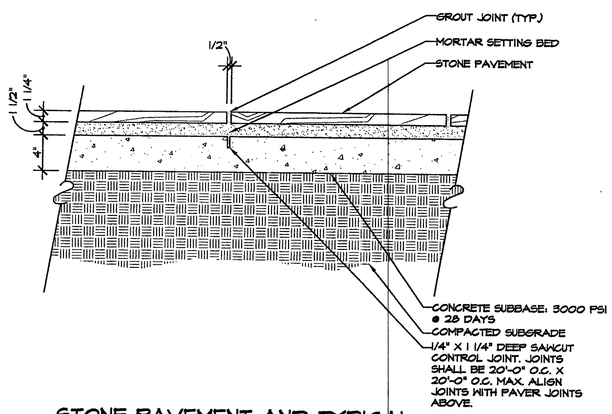
E / HS-6 STONE PAVEMENT AT WALL ISOLATION JOINT SECTION
SCALE: 1"=1'-0"
FILE NAME: PPHASE-001

NOT USED

F
HS-6



G / HS-6 CRUSHED SLATE PAVEMENT SECTION
SCALE: 1"=1'-0"
FILE NAME: PAMASE-001



H / HS-6 STONE PAVEMENT AND TYPICAL CONTROL JOINT SECTION - PEDESTRIAN
SCALE: 1-1/2"=1'-0"
FILE NAME: PPHASE-002

DESIGNATION	TYPE	SHAPE/PATTERN	SIZE	COLOR/VARIETY	FINISH
A	CUT BLUESTONE	SQUARE	12" X 12" 1 - 1½" THICKNESS	FULL RANGE COLOR (GREEN, BLUE, LILAC)	NATURAL
B	CUT BLUESTONE	SQUARE	18" X 18" 1 - 1½" THICKNESS	FULL RANGE COLOR (GREEN, BLUE, LILAC)	NATURAL
C	CUT BLUESTONE	RECTANGLE	18" X 42" 2½ - 3" THICKNESS	FULL RANGE COLOR (GREEN, BLUE, LILAC)	NATURAL
D	CUT BLUESTONE	RANDOM / IRREGULAR	MIN 1' - MAX 3' 1 - 1½" THICKNESS	FULL RANGE COLOR (GREEN, BLUE, LILAC)	NATURAL
E	CONCRETE	45 DEGREE SCORE PATTERN UNLESS OTHERWISE NOTED	36" SQUARE	STANDARD	MEDIUM BROOM FINISH

NOTES:
- COLORS AND FINISHES AS DESIGNATED IDENTIFY ONE PRODUCER'S/ SUPPLIER'S PRODUCTS.
- ALTERNATE PRODUCERS/ SUPPLIERS PRODUCTS SHALL MATCH EACH COLOR AND FINISH OF THE PRODUCER/ SUPPLIER LISTED.
- PRODUCT SUBSTITUTION REQUESTS SHALL BE SUBMITTED BY THE CONTRACTOR WITHIN 15 DAYS AFTER THE COMMENCEMENT OF WORK. SUBMIT PRODUCT DATA AND FULL SIZE SAMPLES TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO ORDERING, PURCHASING, AND INSTALLATION OF THE PRODUCT.

I / HS-6 PAVEMENT FINISH SCHEDULE
SCALE: 1"=1'-0"
FILE NAME: PPHASE-001

6 Executive Park Drive
Suite 300
Atlanta, GA 30329
www.hgor.com
p. 404-248-1960
f. 404-248-1092

HGOR
PLANNERS LANDSCAPE ARCHITECTS

REVISIONS

NO.	DATE	ISSUE

All Saints Catholic Church
Dunwoody, GA

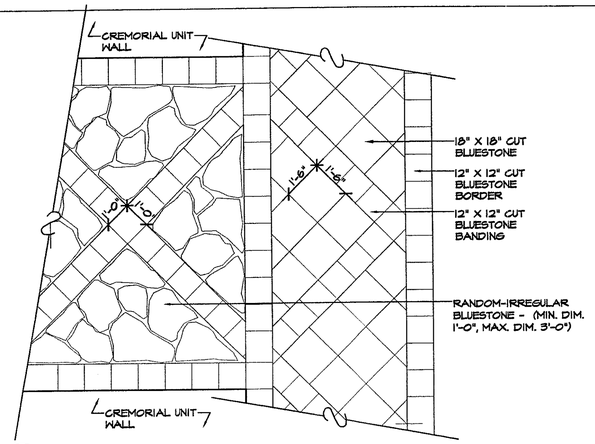
All Saints Catholic Church
Dunwoody, GA

TITLE
HARDSCAPE DETAILS

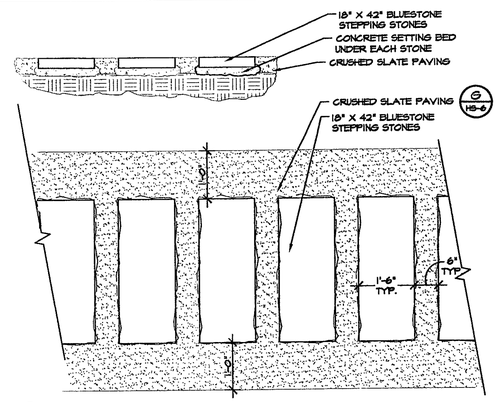
DATE	7/10/08
JOB NO.	08020
DWG FILE	08020HD1
DRAWN BY	MM
CHECKED	KL
SCALE	1"=10'-0"
SHEET	HS-6

NOT RELEASED FOR CONSTRUCTION

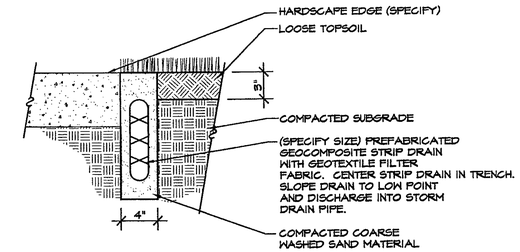
Last modified on 07/10/08 by KEITH
File located in S:\2008\08020\Graphics\W-Details\hardscape\ 08020HD1.dwg



A / HS-7 BLUESTONE PAVING ENLARGEMENT
SCALE: 3/8" = 1'-0"
FILE NAME: 08020HD1



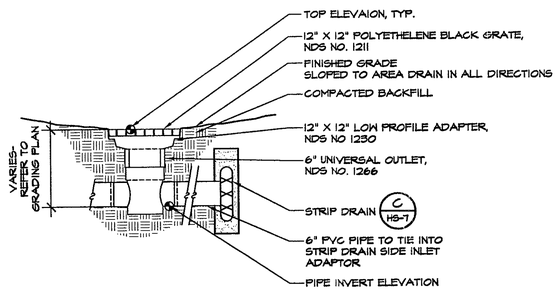
B / HS-7 BLUESTONE STEPPING STONES
SCALE: 3/4" = 1'-0"
FILE NAME: FFHAPL-502



NOTES:

- PROVIDE AND INSTALL PREFABRICATED GEOCOMPOSITE STRIP DRAIN SYSTEM:
  MANUFACTURER: VARICORE TECHNOLOGIES INC.. (800)718-8007.
  PRODUCT: MULTI-FLOW DRAINAGE SYSTEMS.
- PRODUCT SUBSTITUTION REQUESTS SHALL BE SUBMITTED BY THE CONTRACTOR WITHIN 60 DAYS AFTER COMMENCEMENT OF THE WORK. SUBMIT PRODUCT DATA TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO ORDERING, PURCHASING, AND INSTALLATION OF PRODUCT.
- COARSE SAND SHALL HAVE A PARTICLE SIZE DISTRIBUTION OF LESS THAN 5% RETAINED ON A #10 SIEVE SIZE AND LESS THAN 5% PASSING A #30 SIEVE SIZE.

C / HS-7 STRIP DRAIN SECTION
SCALE: 1-1/2" = 1'-0"
FILE NAME: 02820-001

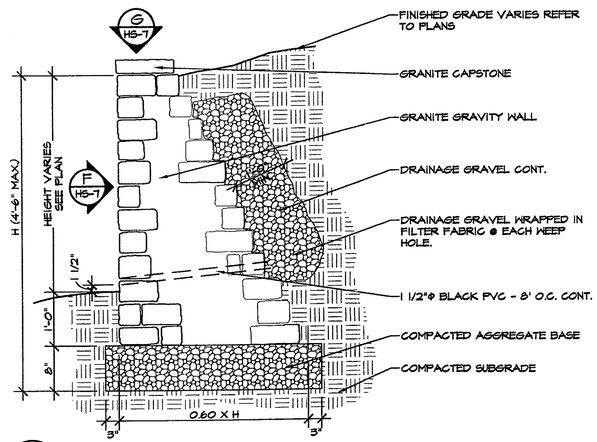


NOTES:

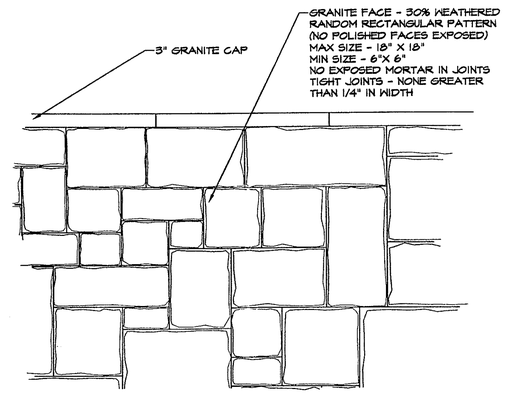
*1 PROVIDE AND INSTALL PREFABRICATED AREA DRAIN SYSTEM:
MANUFACTURER: NATIONAL DIVERSIFIED SALES INC. (NDS) (800)726-1998
PRODUCT: EXTERIOR SURFACE DRAINAGE PRODUCTS, POLYETHELENE

*1 PRODUCT SUBSTITUTION REQUESTS SHALL BE SUBMITTED BY THE CONTRACTOR WITHIN 60 DAYS AFTER COMMENCEMENT OF THE WORK. SUBMIT PRODUCT DATA TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO ORDERING, PURCHASING, AND INSTALLATION OF THE PRODUCT.

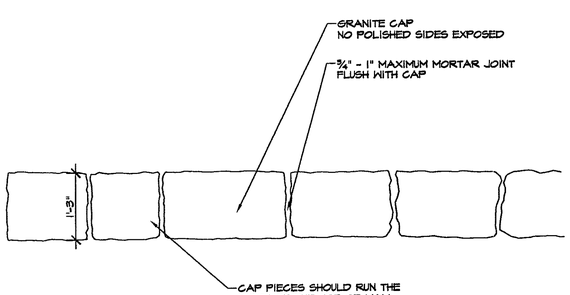
D / HS-7 AREA DRAIN SECTION
SCALE: 1"=1'-0"
FILE NAME: 02820-002



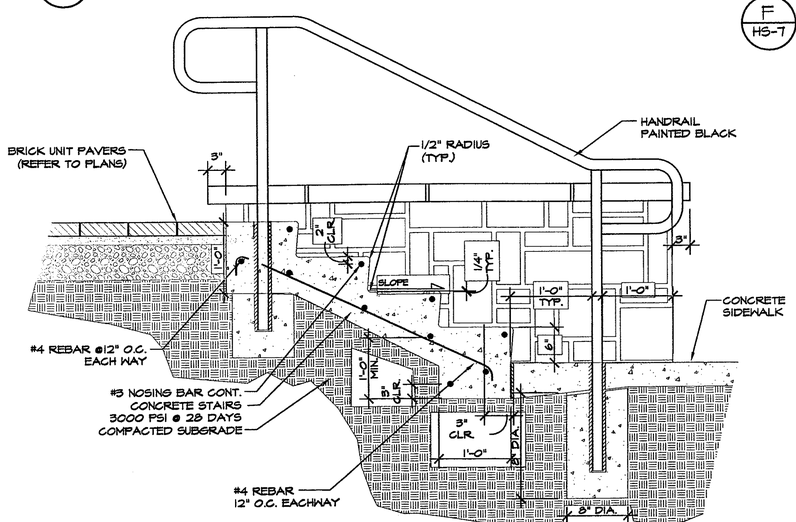
E / HS-7 GRANITE GRAVITY WALL - SECTION
SCALE: 3/4" = 1'-0"
FILE NAME: HD 114



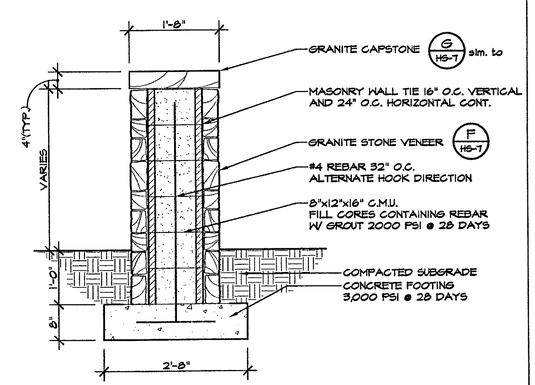
F / HS-7 GRANITE GRAVITY WALL - PATTERN ELEVATION
SCALE: 3/4" = 1'-0"
FILE NAME: HD 114



G / HS-7 GRANITE GRAVITY WALL - CAP PLAN
SCALE: 3/4" = 1'-0"
FILE NAME: HD 114



H / HS-7 CONCRETE STAIR SECTION WITH SLOPED CHEEK WALL
SCALE: 1" = 1'-0"
FILE NAME: 500001



I / HS-7 STONE WALL TYPE A - SECTION
SCALE: 3/4" = 1'-0"
FILE NAME: 08020HD1

6 Executive Park Drive
Suite 300
Atlanta, GA 30329
www.hgor.com
p. 404-248-1960
f. 404-248-1092

HGOR
PLANNERS LANDSCAPE ARCHITECTS

REVISIONS

NO.	DATE	ISSUE

All Saints Catholic Church
Dunwoody, GA

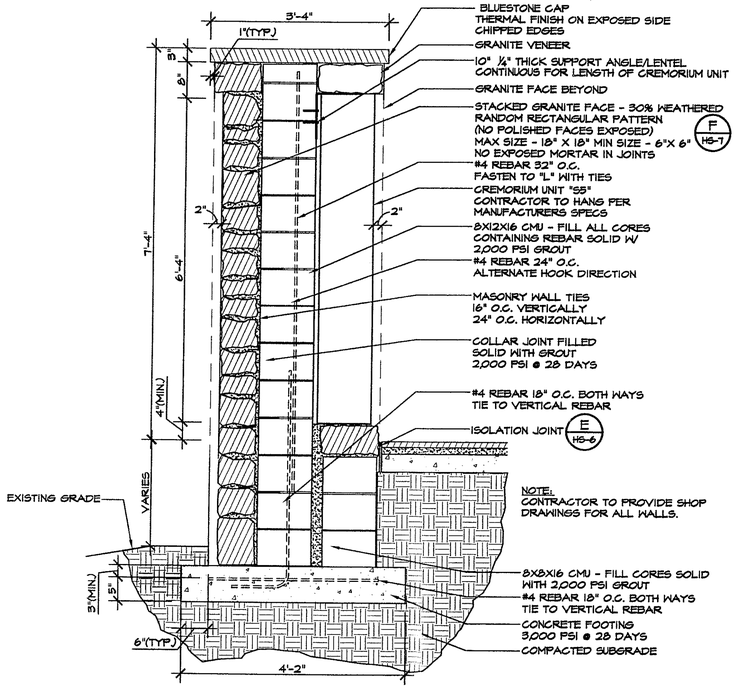
All Saints Catholic Church
Dunwoody, GA

TITLE
HARDSCAPE DETAILS

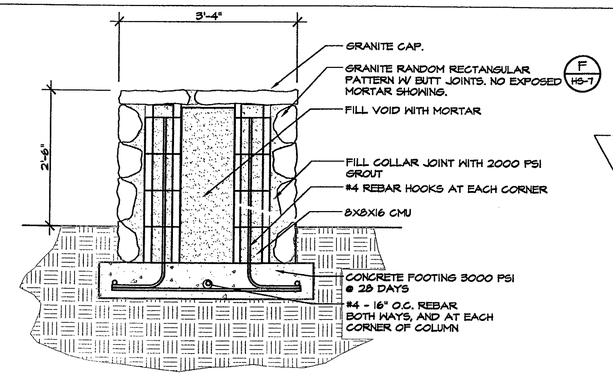
DATE	7/10/08
JOB NO.	08020
DWG FILE	08020HD1
DRAWN BY	MM
CHECKED	KL
SCALE	1"=10'-0"
SHEET	HS-7

NOT RELEASED FOR CONSTRUCTION

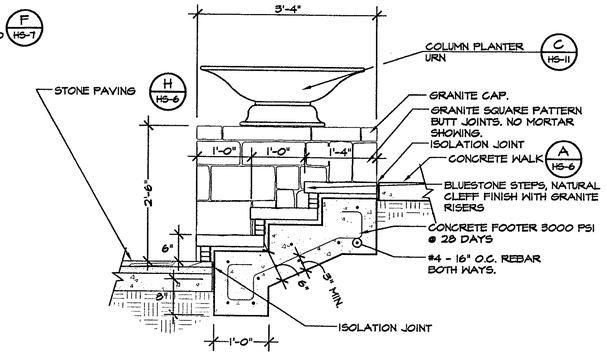
Last modified on 07/10/08 by KEITH
File located in S:\2008\08020\Graphics\W-Details\Hardscape\ 08020HD1.dwg



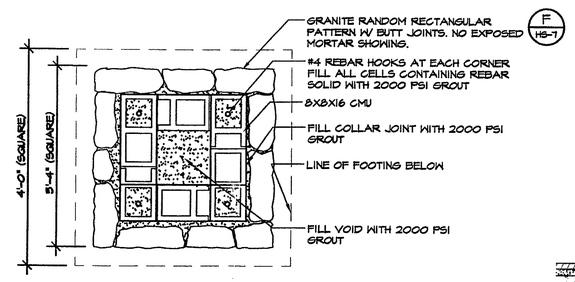
A HS-8 TALL CREMORIUM WALL ONE-SIDED - SECTION
SCALE:3/4" = 1'-0"
FILE NAME: 08020.DB



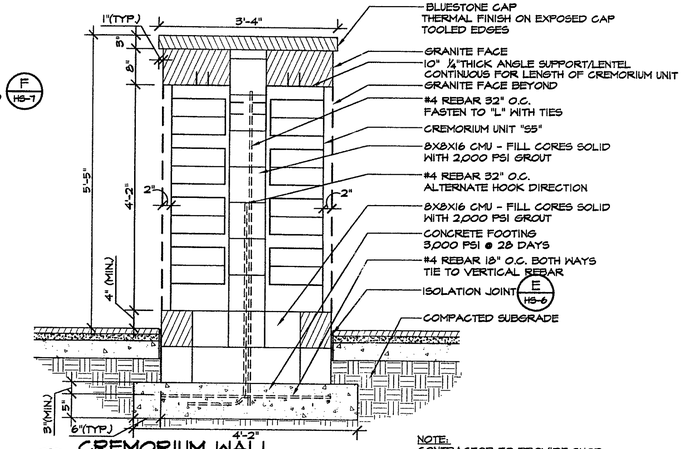
B HS-8 PEDISTAL BASE - SECTION
SCALE:3/4" = 1'-0"
FILE NAME: 08020.DB-8TH-ENT-CT-STAIR-SE



C HS-8 BLUESTONE STAIRCASE - SECTION
SCALE:3/4" = 1'-0"
FILE NAME: 08020.DB-8TH-ENT-CT-STAIR-SE



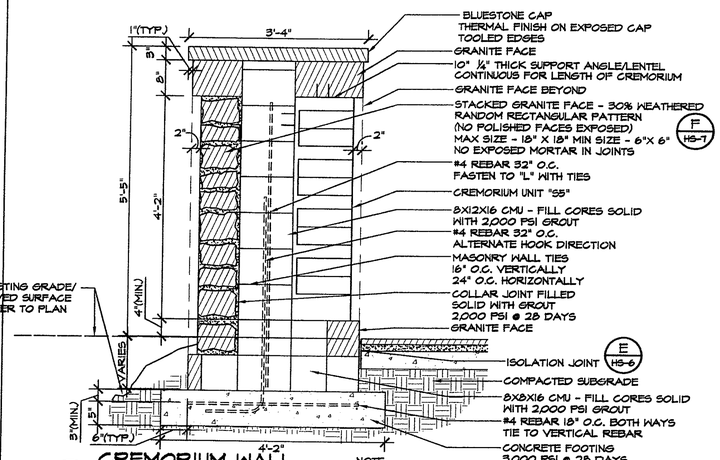
D HS-8 PEDISTAL BASE - PLAN/SECTION
SCALE:3/4" = 1'-0"
FILE NAME: 08020.DB-8TH-ENT-CT-STAIR-SE



NOTE:
CONTRACTOR TO PROVIDE SHOP
DRAWINGS FOR ALL WALLS.

E HS-8 CREMORIUM WALL TWO-SIDED - SECTION
SCALE:3/4" = 1'-0"
FILE NAME: 08020.DB

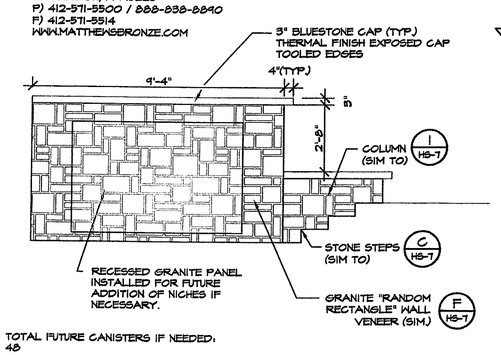
*NOTE: SOME WALLS ARE INTENDED
FOR POTENTIAL FUTURE EXPANSION,
IN WHICH CASE CORE CMU MAY HAVE
TO BE 8" CMU IN LIEU OF 12" CMU



NOTE:
CONTRACTOR TO PROVIDE SHOP
DRAWINGS FOR ALL WALLS.

F HS-8 CREMORIUM WALL ONE-SIDED - SECTION
SCALE:3/4" = 1'-0"
FILE NAME: 08020.DB

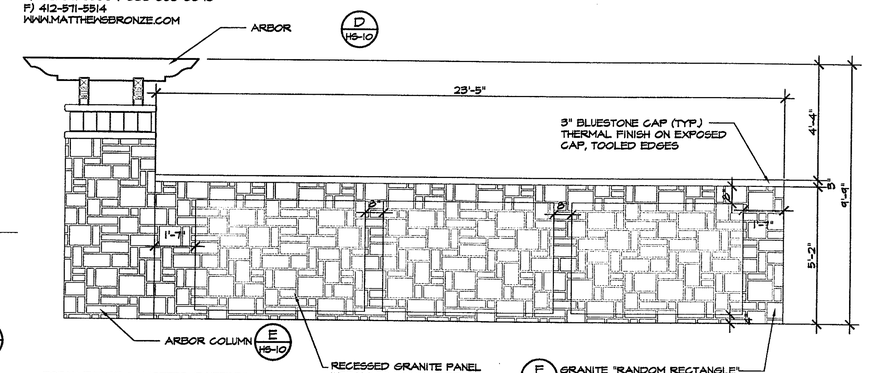
CREMORIAL UNITS AVAILABLE FROM:
MATTHEWS INTERNATIONAL CORPORATION, BRONZE DIVISION
1315 W. LIBERTY AVENUE
PITTSBURGH, PA 15226
P) 412-571-5500 / 888-838-8890
F) 412-571-5514
WWW.MATTHEWSBRONZE.COM



TOTAL FUTURE CANISTERS IF NEEDED:
48

G HS-8 CREMORIAL UNIT WALL ELEVATION
SCALE:3/8" = 1'-0"
FILE NAME: 08020.DB

CREMORIAL UNITS AVAILABLE FROM:
MATTHEWS INTERNATIONAL CORPORATION, BRONZE DIVISION
1315 W. LIBERTY AVENUE
PITTSBURGH, PA 15226
P) 412-571-5500 / 888-838-8890
F) 412-571-5514
WWW.MATTHEWSBRONZE.COM



TOTAL FUTURE CANISTERS IF NEEDED:
144

H HS-8 CREMORIAL UNIT WALL ELEVATION
SCALE:3/8" = 1'-0"
FILE NAME: 08020.DB

6 Executive Park Drive
Suite 300
Atlanta, GA 30329
www.hgor.com
p. 404-248-1960
f. 404-248-1092

HGOR
PLANNERS LANDSCAPE ARCHITECTS

REVISIONS

NO.	DATE	ISSUE
△		
△		
△		
△		
△		
△		

All Saints Catholic Church
Dunwoody, GA
All Saints Catholic Church
Dunwoody, GA

TITLE
HARDSCAPE DETAILS

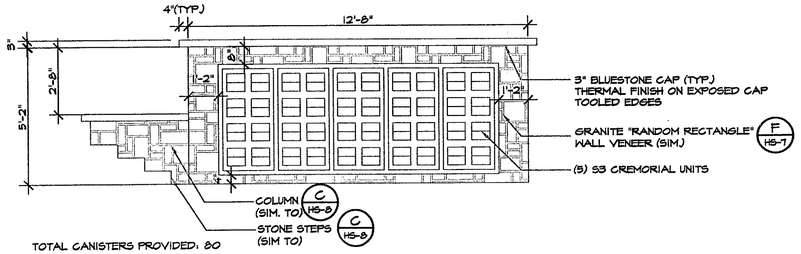
DATE	7/10/08
JOB NO.	08020
DWG FILE	08020HD1
DRAWN BY	MM
CHECKED	KL
SCALE	1"=10'-0"

SHEET
HS-8

NOT RELEASED FOR CONSTRUCTION

Last modified on 07/10/08 by: KEITH
File located in S:\2008\08020\Graphics\WS\Hardscape\ 08020HD1.dwg

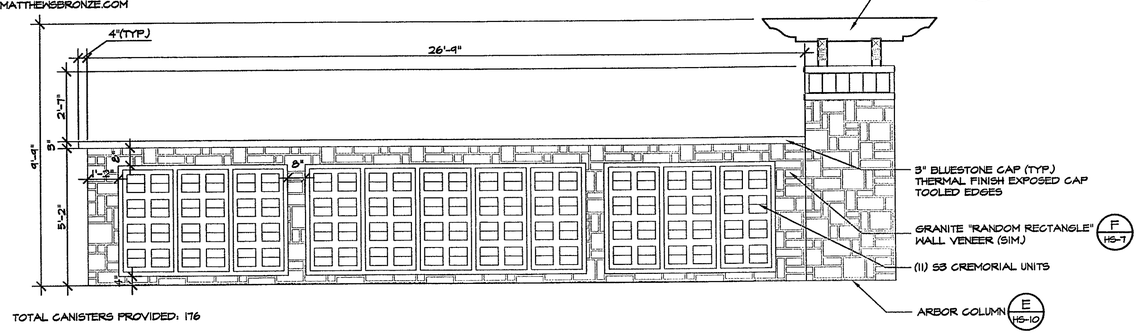
CREMORIAL UNITS AVAILABLE FROM:
MATTHEWS INTERNATIONAL CORPORATION, BRONZE DIVISION
1315 W. LIBERTY AVENUE
PITTSBURGH, PA 15226
P) 412-571-5500 / 888-838-8840
F) 412-571-5514
WWW.MATTHEWSBRONZE.COM



TOTAL CANISTERS PROVIDED: 80

A HS-9 CREMORIAL UNIT WALL ELEVATION
SCALE:3/8" = 1'-0"
FILE NAME: 08020HD1

CREMORIAL UNITS AVAILABLE FROM:
MATTHEWS INTERNATIONAL CORPORATION, BRONZE DIVISION
1315 W. LIBERTY AVENUE
PITTSBURGH, PA 15226
P) 412-571-5500 / 888-838-8840
F) 412-571-5514
WWW.MATTHEWSBRONZE.COM

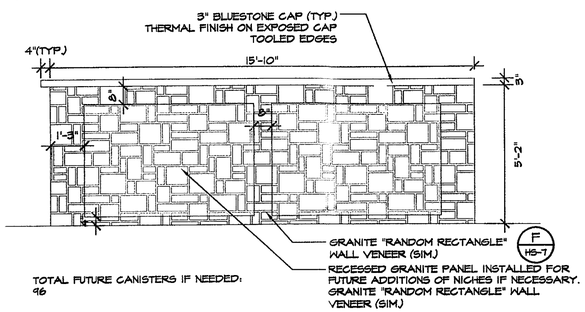


TOTAL CANISTERS PROVIDED: 176

B HS-9 CREMORIAL UNIT WALL ELEVATION
SCALE:3/8" = 1'-0"
FILE NAME: 08020HD1

CREMORIAL UNITS AVAILABLE FROM:
MATTHEWS INTERNATIONAL CORPORATION, BRONZE DIVISION
1315 W. LIBERTY AVENUE
PITTSBURGH, PA 15226
P) 412-571-5500 / 888-838-8840
F) 412-571-5514
WWW.MATTHEWSBRONZE.COM

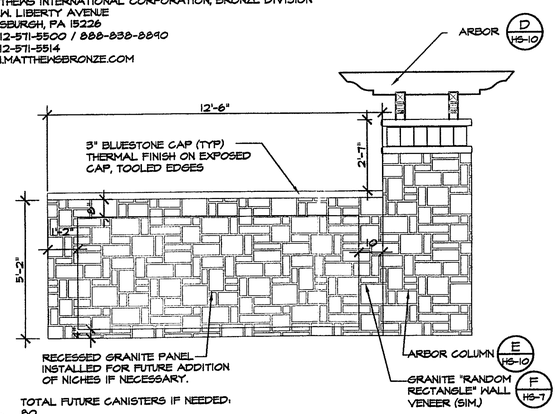
TOTAL CANISTERS PROVIDED: 16



TOTAL FUTURE CANISTERS IF NEEDED: 96

C HS-9 CREMORIAL UNIT WALL ELEVATION
SCALE:3/8" = 1'-0"
FILE NAME: 08020HD1

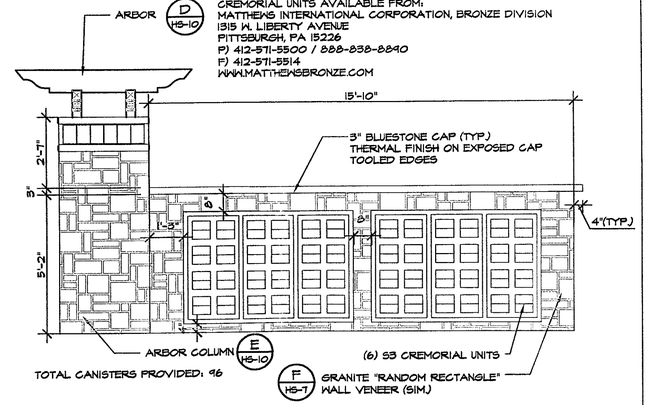
CREMORIAL UNITS AVAILABLE FROM:
MATTHEWS INTERNATIONAL CORPORATION, BRONZE DIVISION
1315 W. LIBERTY AVENUE
PITTSBURGH, PA 15226
P) 412-571-5500 / 888-838-8840
F) 412-571-5514
WWW.MATTHEWSBRONZE.COM



TOTAL FUTURE CANISTERS IF NEEDED: 80

D HS-9 CREMORIAL UNIT WALL ELEVATION
SCALE:3/8" = 1'-0"
FILE NAME: 08020HD1

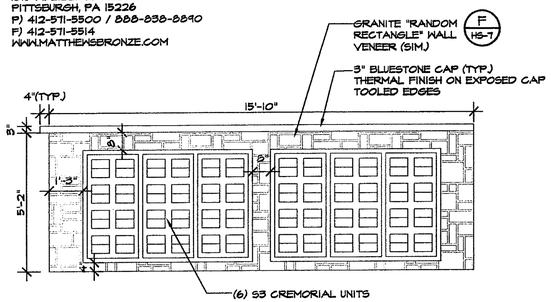
CREMORIAL UNITS AVAILABLE FROM:
MATTHEWS INTERNATIONAL CORPORATION, BRONZE DIVISION
1315 W. LIBERTY AVENUE
PITTSBURGH, PA 15226
P) 412-571-5500 / 888-838-8840
F) 412-571-5514
WWW.MATTHEWSBRONZE.COM



TOTAL CANISTERS PROVIDED: 96

E HS-9 CREMORIAL UNIT WALL ELEVATION
SCALE:3/8" = 1'-0"
FILE NAME: 08020HD1

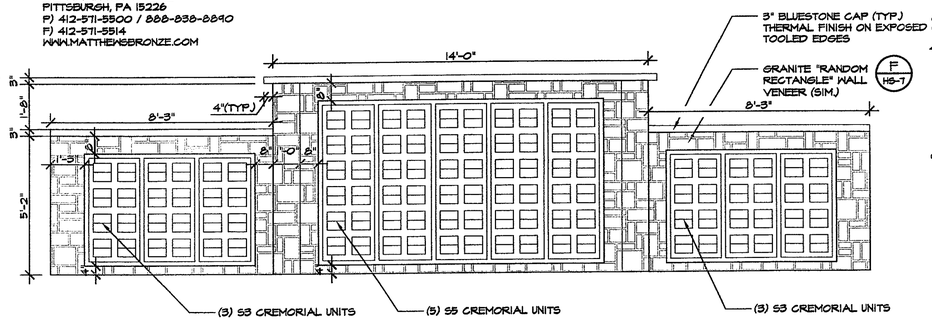
CREMORIAL UNITS AVAILABLE FROM:
MATTHEWS INTERNATIONAL CORPORATION, BRONZE DIVISION
1315 W. LIBERTY AVENUE
PITTSBURGH, PA 15226
P) 412-571-5500 / 888-838-8840
F) 412-571-5514
WWW.MATTHEWSBRONZE.COM



TOTAL CANISTERS PROVIDED: 96

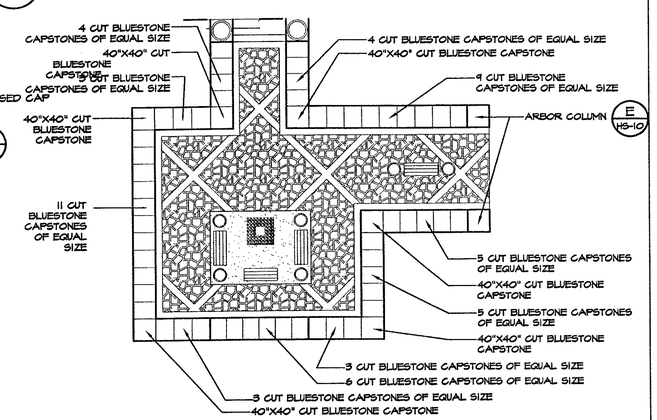
F HS-9 CREMORIAL UNIT WALL ELEVATION
SCALE:3/8" = 1'-0"
FILE NAME: 08020HD1

CREMORIAL UNITS AVAILABLE FROM:
MATTHEWS INTERNATIONAL CORPORATION, BRONZE DIVISION
1315 W. LIBERTY AVENUE
PITTSBURGH, PA 15226
P) 412-571-5500 / 888-838-8840
F) 412-571-5514
WWW.MATTHEWSBRONZE.COM



TOTAL CANISTERS PROVIDED: 216

G HS-9 CREMORIAL UNIT WALL ELEVATION
SCALE:3/8" = 1'-0"
FILE NAME: 08020HD1



H HS-9 CREMORIUM WALL CAPSTONE LAYOUT PLAN
SCALE:3/32" = 1'-0"
FILE NAME: 08020HD1

6 Executive Park Drive
Suite 300
Atlanta, GA 30329
www.hgor.com
p. 404-248-1960
f. 404-248-1092
HGOR
PLANNERS LANDSCAPE ARCHITECTS

REVISIONS

NO.	DATE	ISSUE

All Saints Catholic Church
Dunwoody, GA

All Saints Catholic Church
Dunwoody, GA

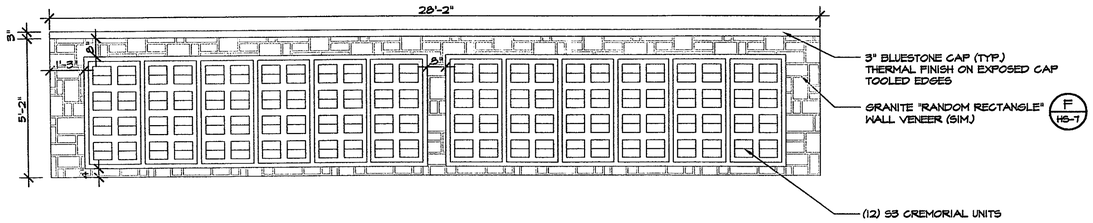
TITLE
HARDSCAPE DETAILS

DATE	7/10/08
JOB NO.	08020
DWG FILE	08020HD1
DRAWN BY	MM
CHECKED	KL
SCALE	1"=10'-0"
SHEET	HS-9

NOT RELEASED FOR CONSTRUCTION

Last modified on 07/10/08 by KEITH
File located in S:\2008\08020\Graphics\W-Details\Hardscape\ 08020HD1.dwg

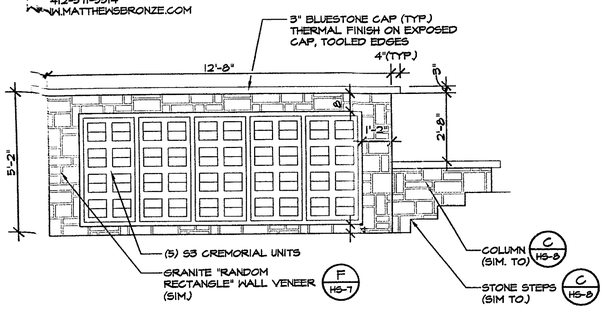
CREMORIAL UNITS AVAILABLE FROM:
MATTHEWS INTERNATIONAL CORPORATION, BRONZE DIVISION
1515 W. LIBERTY AVENUE
PITTSBURGH, PA 15226
P) 412-571-5500 / 888-838-8840
F) 412-571-5514
WWW.MATTHEWSBRONZE.COM



TOTAL CANISTERS PROVIDED: 192

A HS-10 CREMORIAL UNIT WALL ELEVATION
SCALE: 3/8" = 1'-0"
FILE NAME: 08020HD1

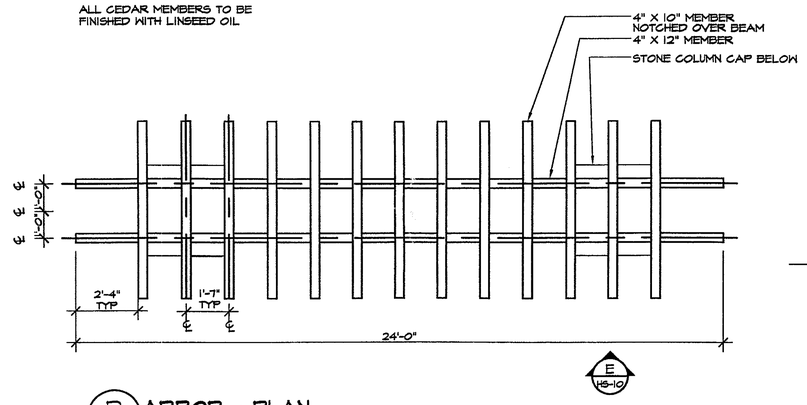
CREMORIAL UNITS AVAILABLE FROM:
MATTHEWS INTERNATIONAL CORPORATION, BRONZE DIVISION
1515 W. LIBERTY AVENUE
PITTSBURGH, PA 15226
P) 412-571-5500 / 888-838-8840
F) 412-571-5514
WWW.MATTHEWSBRONZE.COM



TOTAL CANISTERS PROVIDED: 80

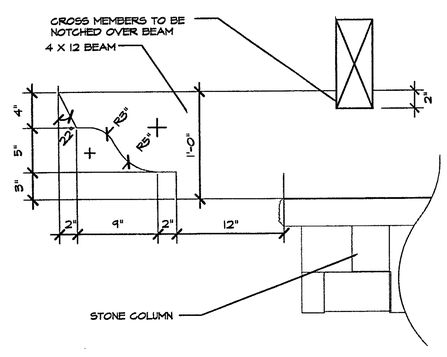
C HS-10 CREMORIAL UNIT WALL ELEVATION
SCALE: 3/8" = 1'-0"
FILE NAME: 08020HD1

ALL CEDAR MEMBERS TO BE FINISHED WITH LINSEED OIL

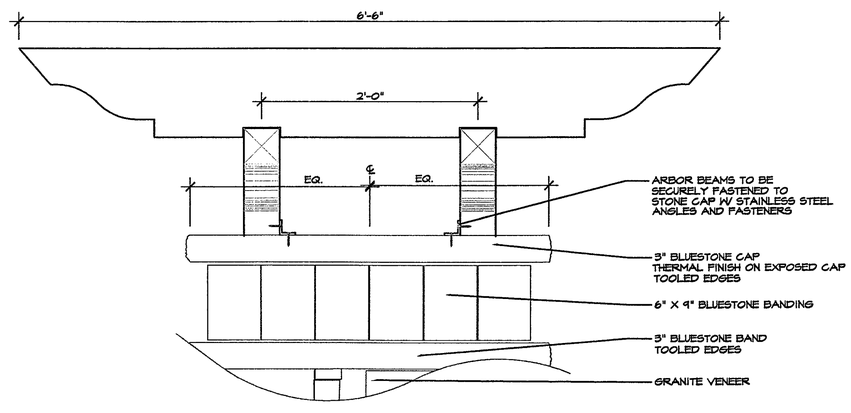


D HS-10 ARBOR - PLAN
SCALE: 3/8" = 1'-0"
FILE NAME: 08020HD1

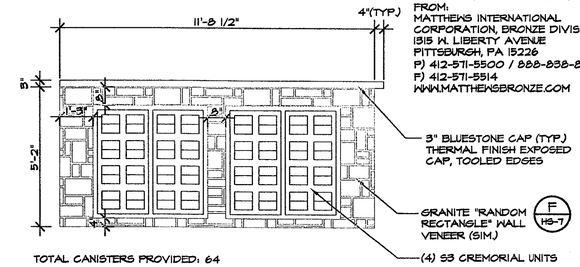
ALL CEDAR MEMBERS TO BE FINISHED WITH LINSEED OIL



F HS-10 ARBOR BEAM - END DETAIL
SCALE: 1-1/2" = 1'-0"
FILE NAME: 08020HD1

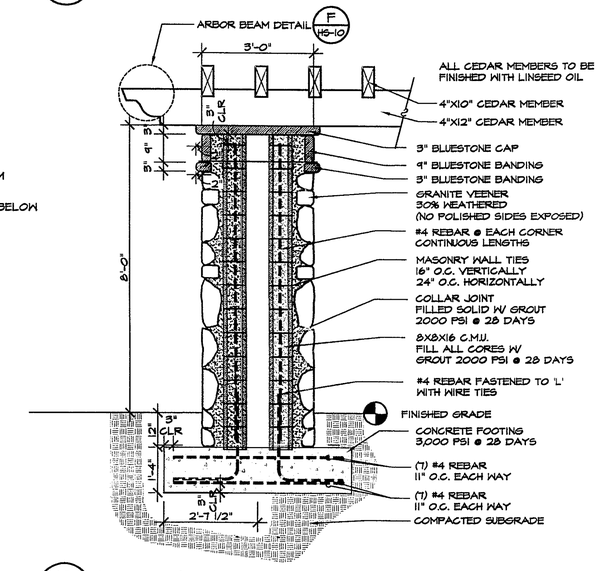


CREMORIAL UNITS AVAILABLE FROM:
MATTHEWS INTERNATIONAL CORPORATION, BRONZE DIVISION
1515 W. LIBERTY AVENUE
PITTSBURGH, PA 15226
P) 412-571-5500 / 888-838-8840
F) 412-571-5514
WWW.MATTHEWSBRONZE.COM



TOTAL CANISTERS PROVIDED: 64

B HS-10 CREMORIAL UNIT WALL ELEVATION
SCALE: 3/8" = 1'-0"
FILE NAME: 08020HD1



E HS-10 ARBOR/COLUMN - SECTION/ELEVATION
SCALE: 1/2" = 1'-0"
FILE NAME: 08020HD1

Last modified on 07/10/08 by KEITH
File located in S:\2008\08020\Graphics\W-Details\Hardscape\ 08020HD1.dwg

6 Executive Park Drive
Suite 300
Atlanta, GA 30329
www.hgor.com
p. 404-248-1960
f. 404-248-1092
HGOR PLANNERS LANDSCAPE ARCHITECTS

REVISIONS

NO.	DATE	ISSUE
△		
△		
△		
△		
△		
△		

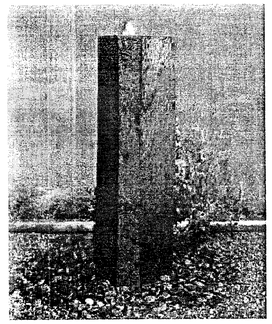
All Saints Catholic Church
Dunwoody, GA

All Saints Catholic Church
Dunwoody, GA

TITLE
HARDSCAPE DETAILS

DATE	7/10/08
JOB NO.	08020
DWG FILE	08020HD1
DRAWN BY	MM
CHECKED	KL
SCALE	1"=10'-0"
SHEET	HS-10

NOT RELEASED FOR CONSTRUCTION



FOUNTAIN:

ITEM #
F03-60

DESCRIPTION
Basalt Column Fountain
H - 60"

CONTACT:
Stone Forest

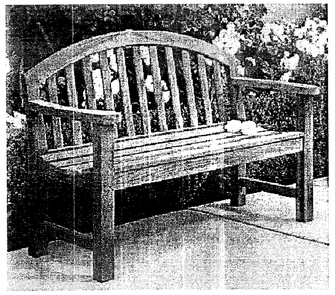
P.O. Box 2840
Santa Fe, NM 87504

Tel: 505.986.8883
Fax: 505.982.2712

stf@stoneforest.com
www.stoneforest.com

A HS-11 BASALT COLUMN FOUNTAIN

SCALE:3/4" = 1'-0"
FILE NAME: CHSSD08-9174-DEF-07-01A16-02



BENCH:
#2308 Provence Bench 5'

W 59.5"
D 20.25"
H 39.5"
57 lbs.

CONTACT:
GARDENSIDE, LTD.
Premium Teak Furniture

999 Anderson Drive
Suite 140
San Rafael, CA 94901

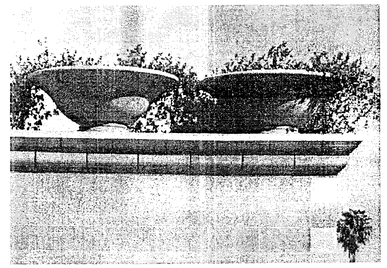
Tel: 888.999.TEAK
Local: 415.455.4500

www.gardenside.com

QUANTITY: 4

B HS-11 PROVENCE BENCH

SCALE:3/4" = 1'-0"
FILE NAME: CHSSD08-9174-DEF-07-01A16-02



URN:

MODEL NUMBER
AU 36 13

EXTERNAL DIMENSIONS
Diameter 36"
Overall Height 13"
Base 20"

INTERNAL DIMENSIONS
Diameter 28"
Overall Height 7"
Base 9"

APPROX. WEIGHT
60lbs.

CONTACT:
STONEWEAR
COMPOSITE STONE PRODUCTS

2900 Lockheed Way
Carson City, NV 89706

Tel: 800.297.8663 or
800.356.2462
Fax: 702.883.8306 or
775.883.8306

www.stonewear.com

QUANTITY: 4

C HS-11 AVENTINE SERIES URN

SCALE:3/4" = 1'-0"
FILE NAME: CHSSD08-9174-DEF-07-01A16-02

Large Jar ~ Amber Gold

PLANTER:

UPC CODE
7 67061 10126 7

ITEM #
10126

DESCRIPTION
Large Jar ~ Amber Gold
23 ½" (60cm) x 27 ½" (70cm)

CONTACT:
Border Concepts, Inc.
The Green Industry's Manufacturer

P.O. Box 471183
Charlotte, NC 28247
Tel: 800.845.5343
Local: 704.541.5504
Fax: 704.541.5610

www.borderconcepts.com

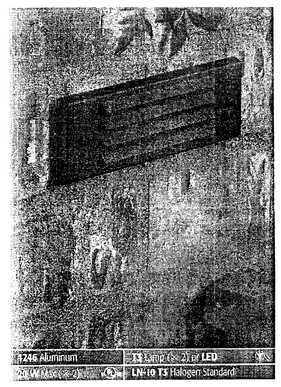
QUANTITY: 21

D HS-11 DESIGNER COLLECTION LARGE JAR AMBER

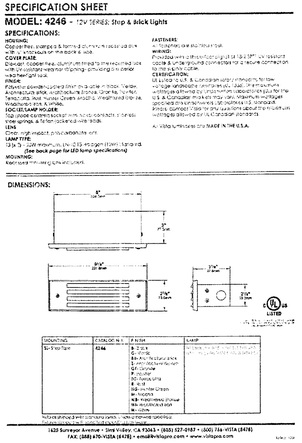
SCALE:3/4" = 1'-0"
FILE NAME: CHSSD08-9174-DEF-07-01A16-02

NOT USED

E
HS-11



NOTE: Contractor to follow manufacturer specifications for lighting installation.



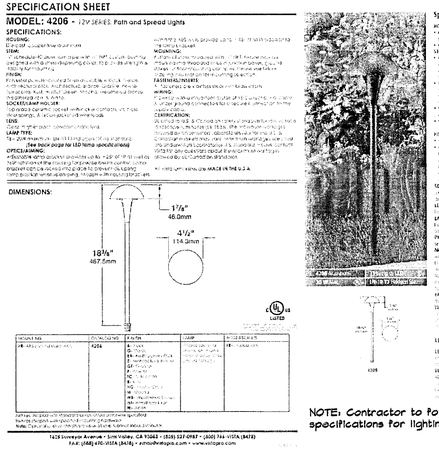
F HS-11 IMBEDDED WALL DOWN LIGHT

CONTACT:
Tim Duff
Lighting Associates, Inc.

1775 Brecknirdge Pkwy.
Suite 800
Duluth, GA 30096

Tel: 770.448.9250

www.lightingassociates.com



NOTE: Contractor to follow manufacturer specifications for lighting installation.

G HS-11 WAYFINDING/PATH LIGHT

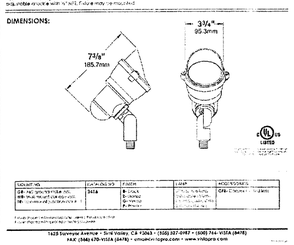
CONTACT:
Tim Duff
Lighting Associates, Inc.

1775 Brecknirdge Pkwy.
Suite 800
Duluth, GA 30096

Tel: 770.448.9250

www.lightingassociates.com

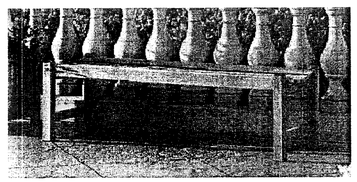
NOTE: Contractor to follow manufacturer specifications for lighting installation.



H HS-11 SMALL UPLIGHT

BENCH:
#2314 Westwood Bench 5'

W 54"
D 20"
H 18"
36 lbs.



CONTACT:
GARDENSIDE, LTD.
Premium Teak Furniture

999 Anderson Drive
Suite 140
San Rafael, CA 94901

Tel: 888.999.TEAK
Local: 415.455.4500

www.gardenside.com

QUANTITY: 5

I HS-11 WESTWOOD (BACKLESS) BENCH

SCALE:3/4" = 1'-0"
FILE NAME: CHSSD08-9174-DEF-07-01A16-02

6 Executive Park Drive
Suite 300
Atlanta, GA 30329
www.hgor.com
p. 404-248-1960
f. 404-248-1092

HGOR
PLANNERS & LANDSCAPE ARCHITECTS

REVISIONS

NO.	DATE	ISSUE

All Saints Catholic Church
Dunwoody, GA

All Saints Catholic Church
Dunwoody, GA

TITLE
HARDSCAPE DETAILS

DATE	7/10/08
JOB NO.	08020
DWG FILE	08020HD1
DRAWN BY	MM
CHECKED	KL
SCALE	1"=10'-0"
SHEET	HS-11

11 OF 16

NOT RELEASED FOR CONSTRUCTION

Last modified on 07/10/2008 by KLLH
File located in S:\2008\08020\Graphics\W-Details\Hardscape\ 08020HD1.dwg

SECTION 02231
TREE PROTECTION

A. GENERAL:

1. TREE PROTECTION SHALL BE IN CONFORMANCE WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.

2. TREE PROTECTION FENCING, BARRICADES, OR OTHER SUITABLE GUARDS SHALL MEET OR EXCEED THE REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION AND AT A MINIMUM BE LOCATED PER THOSE SAME REQUIREMENTS OR AS INDICATED ON THE DRAWINGS.

3. TREES INDICATED TO REMAIN ARE ESSENTIAL TO THE PROJECT.

4. TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF ANY DEMOLITION, CLEARING, GRADING AND CONSTRUCTION WORK. CALL FOR INSPECTION OF TREE PROTECTION BARRICADES BY AUTHORITIES HAVING JURISDICTION IF REQUIRED PRIOR TO WORK.

5. TREE PROTECTION SHALL REMAIN IN PLACE UNTIL ALL CONSTRUCTION WORK HAS BEEN COMPLETED AND ALL DANGER OF DAMAGE HAS PASSED OR THE FINAL INSPECTION BY THE LOCAL AUTHORITIES HAVING JURISDICTION OR AS OTHERWISE DIRECTED BY THE OWNER.

B. TREE PROTECTION:

1. DO NOT EXCAVATE WITHIN TREE PROTECTION ZONE. NO SOIL DISTURBANCE OR COMPACTION, BURIAL PITS, TRENCHING OR OTHER LAND DISTURBING ACTIVITY SHALL BE ALLOWED WITHIN TREE PROTECTION ZONE.

2 DO NOT GRUB WITHIN TREE PROTECTION ZONE. BRUSH, VINES AND SMALL TREES INDICATED TO BE REMOVED SHALL BE HAND CLEARED ONLY. CUT FLUSH WITH EXISTING GRADE. LEAVE SOIL AND LEAF LITTER UNDISTURBED.

3. PROTECT TREE ROOT SYSTEMS FROM DAMAGE DUE TO NOXIOUS MATERIALS CAUSED BY RUN-OFF OR SPILLAGE DURING MIXING, PLACEMENT, OR STORAGE OF CONSTRUCTION MATERIALS. PROTECT ROOT SYSTEMS FROM FLOODING, ERODING, OR EXCESSIVE WETTING RESULTING FROM DEWATERING OPERATIONS.

4. FINAL LOCATION OF ALL UNDERGROUND UTILITIES THAT WILL ENCROACH UPON TREE PROTECTION ZONES MUST BE FIELD STAKED AND APPROVED PRIOR TO BEGINNING WORK.

5. DO NOT STORE CONSTRUCTION MATERIALS, DEBRIS, OR EXCAVATED MATERIAL WITHIN TREE PROTECTION ZONE. DO NOT PERMIT VEHICLES OR FOOT TRAFFIC WITHIN TREE PROTECTION, AND PREVENT SOIL COMPACTION OVER ROOT SYSTEMS.

6. EXPOSED ROOTS SHALL BE CLEANLY CUT WITH SHARP PRUNING INSTRUMENTS. DO NOT ALLOW EXPOSED ROOTS TO DRY OUT BEFORE PERMANENT BACKFILL IS PLACED; PROVIDE TEMPORARY EARTH COVER OR PACK WITH PEAT MOSS AND WRAP WITH BURLAP. WATER AND MAINTAIN IN MOIST CONDITION AND TEMPORARILY SUPPORT AND PROTECT FROM DAMAGE UNTIL PERMANENTLY RELOCATED AND COVERED WITH EARTH.

7. GRADING AND CONSTRUCTION IN PROXIMITY OF (OR WITHIN) TREE PROTECTION ZONES SHALL BE DONE WITH EXTREME CARE SO AS NOT TO DAMAGE THE ROOT SYSTEM OF THE TREES AND TO COMPACT THE SOIL IN THE ZONE.

8. FINISH GRADING IN THE TREE PROTECTION ZONES, IF INDICATED ON DRAWINGS, SHALL BE DONE UNDER DIRECT SUPERVISION OF THE OWNER OR LANDSCAPE ARCHITECT IN THE FIELD. NOTIFY THE OWNER OR LANDSCAPE ARCHITECT 72 HOURS PRIOR TO THIS SITE VISIT.

9. WATER TREES AND OTHER VEGETATION TO REMAIN WITHIN LIMITS OF CONTRACT WORK AS REQUIRED TO MAINTAIN THEIR HEALTH DURING COURSE OF CONSTRUCTION OPERATIONS.

C. TREE PRUNING:

1. ENGAGE AN EXPERIENCED TREE SERVICE WITH A QUALIFIED CERTIFIED ARBORIST TO PERFORM TREE PRUNING WORK.

2. PRUNE REMAINING TREES AFFECTED BY TEMPORARY AND NEW CONSTRUCTION.

3. REMOVE BRANCHES FROM TREES THAT ARE TO REMAIN, IF REQUIRED TO CLEAR NEW CONSTRUCTION.
   a. WHERE DIRECTED BY LANDSCAPE ARCHITECT AND VERIFIED BY ARBORIST, EXTEND PRUNING OPERATION TO RESTORE NATURAL SHAPE OF ENTIRE TREE.
   b. ALL PRUNING AND CUTTING OF BRANCHES AND ROOTS SHALL BE PERFORMED BY AN ARBORIST USING STATE OF THE ART EQUIPMENT.

4. PRUNE REMAINING TREES TO COMPENSATE FOR ROOT LOSS CAUSED BY DAMAGING OR CUTTING ROOT SYSTEM. PROVIDE SUBSEQUENT MAINTENANCE DURING CONTRACT PERIOD AS RECOMMENDED BY ARBORIST.

5. CUT BRANCHES WITH SHARP PRUNING INSTRUMENTS; DO NOT BREAK OR CHOP.

6. CHIP BRANCHES REMOVED FROM TREES. SPREAD MATERIAL WHERE INDICATED OR AS DIRECTED BY LANDSCAPE ARCHITECT.

SECTION 02230
SITE CLEARING AND DEMOLITION

A. GENERAL:

1. EXCEPT FOR MATERIALS INDICATED TO REMAIN ON OWNERS PROPERTY, CLEARED AND DEMOLISHED MATERIALS SHALL BECOME CONTRACTORS PROPERTY AND SHALL BE REMOVED FROM THE PROJECT SITE.

2. COMPLY WITH GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION AND WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION DURING WORK.

3. DO NOT INTERFERE WITH ADJOINING ROADS, STREETS, WALKS AND OTHER ADJACENT OCCUPIED OR USED FACILITIES WITHOUT APPROVAL FROM OWNER AND AUTHORITIES HAVING JURISDICTION. CONTACT LOCAL AUTHORITIES HAVING JURISDICTION AND COMPLY WITH THEIR REGULATIONS PRIOR TO INTERFERENCE OF TRAFFIC PATTERNS, IF NECESSARY, DURING THE WORK.

4. SALVABLE ITEMS: CAREFULLY REMOVE ITEMS INDICATED TO BE SALVAGED AND STORE ON OWNERS PREMISES WHERE INDICATED.

5. NOTIFY UTILITY LOCATOR SERVICE FOR AREA WHERE PROJECT IS LOCATED PRIOR TO THE WORK.

B. SITE CLEARING AND DEMOLITION:

1. IDENTIFY THE LIMITS OF CLEARING AND DEMOLITION AND OBTAIN APPROVAL BY THE OWNER PRIOR TO COMMENCING WORK.

2. LOCATE, CLEARLY IDENTIFY, AND PROTECT ALL EXISTING LANDSCAPE MATERIALS INDICATED TO REMAIN, AGAINST DAMAGE DURING THE WORK.

3. PROTECT EXISTING SITE IMPROVEMENTS TO REMAIN, FROM DAMAGE DURING THE WORK.

4. THE DRAWINGS DO NOT SHOW ALL EXISTING UTILITIES. LOCATE AND VERIFY ALL UTILITY LOCATIONS ON SITE PRIOR TO WORK. MAINTAIN EXISTING UTILITIES INDICATED TO REMAIN IN SERVICE AND CLEARLY MARK AND PROTECT THEM AGAINST DAMAGE DURING THE WORK.

5. PROVIDE TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES TO PREVENT SOIL EROSION AND DISCHARGE OF SOIL- BEARING WATER RUNOFF, AND AIRBORNE DUST TO ADJACENT PROPERTIES ACCORDING TO REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION.

6. DEMOLISH AND CLEAR INDICATED EXISTING SITE IMPROVEMENTS, STRUCTURES AND VEGETATION COMPLETELY. USE METHODS REQUIRED TO COMPLETE THE WORK WITHIN LIMITATIONS OF GOVERNING REGULATIONS.

7. LOCATE, IDENTIFY, DISCONNECT, AND SEAL OR CAP OFF UTILITIES INDICATED TO BE REMOVED.
   a. ARRANGE WITH UTILITY COMPANIES TO SHUT OFF INDICATED UTILITIES.

8. EXCAVATE FOR AND REMOVE UNDERGROUND UTILITIES INDICATED TO BE REMOVED.

9. REMOVE OBSTRUCTIONS, TREES, SHRUBS, GRASS AND OTHER VEGETATION TO PERMIT INSTALLATION OF NEW CONSTRUCTION.

10. FILL DEPRESSIONS CAUSED BY CLEARING AND GRUBBING OPERATIONS WITH SATISFACTORY SOIL MATERIAL UNLESS FUTHER EXCAVATION OR EARTHWORK IS INDICATED.

11. REMOVE EXISTING ABOVE- AND BELOW-GRADE IMPROVEMENTS AS INDICATED AND AS NECESSARY TO FACILITATE NEW CONSTRUCTION.
    a. REMOVE SLABS, PAVING,CURBS, GUTTERS, AND AGGREGATE BASE AS INDICATED.

12. DISPOSAL: REMOVE SURPLUS SOIL MATERIAL, UNSUITABLE TOPSOIL, OBSTRUCTIONS, DEMOLISHED MATERIALS, AND WASTE MATERIALS INCLUDING TRASH AND DEBRIS, AND LEGALLY DISPOSE OF THEM OFF OWNERS PROPERTY.

13. BURNING OF REMOVED MATERIALS IS NOT PERMITTED.

6 Executive Park Drive
Suite 300
Atlanta, GA 30329
www.hgor.com
p. 404-248-1960
f. 404-248-1092

HGOR
PLANNERS LANDSCAPE ARCHITECTS

REVISIONS

NO.	DATE	ISSUE
△		
△		
△		
△		
△		
△		

All Saints Catholic Church
Dunwoody, GA

All Saints Catholic Church
Dunwoody, GA

TITLE
HARDSCAPE DETAILS

DATE	07/10/08
JOB NO.	08020
DWG FILE	08020HD1
DRAWN BY	MM
CHECKED	KL
SCALE	1"=10'-0"

SHEET
HS-12

NOT RELEASED FOR CONSTRUCTION

Last modified on 07/10/08 by KEITH
File located in S:\2008\08020\Graphics\W-Details\Hardscape\ 08020HD1.dwg

SECTION 02301
EARTHWORK

A. GENERAL:

1. PERFORM EARTHWORK AND SITE GRADING IN COMPLIANCE WITH APPLICABLE REQUIREMENTS OF GOVERNING AUTHORITIES HAVING JURISDICTION.
2. COMPLY WITH LOCAL CODES, ORDINANCES AND REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION TO MAINTAIN STABLE EXCAVATIONS.
3. COMPLY WITH ALL EROSION CONTROL REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION.
4. ENGAGE A QUALIFIED INDEPENDENT GEOTECHNICAL ENGINEERING TESTING AND INSPECTION AGENCY, TO INCLUDE TESTING OF SOIL MATERIALS PREPARED FOR USE IN WORK AND FOR QUALITY CONTROL TESTING DURING EARTHWORK AND SITE GRADING OPERATIONS.
5. PROMPTLY NOTIFY SOIL TESTING SERVICE AND LANDSCAPE ARCHITECT OF UNSUITABLE SUB-SURFACE CONDITIONS.
6. LOCATE EXISTING UNDERGROUND UTILITIES IN AREA OF WORK PRIOR TO STARTING EARTHWORK OPERATIONS. PROVIDE ADEQUATE MEANS OF PROTECTION FOR EXISTING UTILITIES TO REMAIN. DO NOT INTERRUPT EXISTING UTILITIES SERVING THE SITE INDICATED TO REMAIN.
7. BARRICADE OPEN EXCAVATIONS AS PART OF THE EARTHWORK OPERATIONS.

B. EARTHWORK AND GRADING:

1. PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, AND OTHER FACILITIES FROM DAMAGE CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT, AND OTHER HAZARDS CREATED BY EARTHWORK OPERATIONS.
2. PROVIDE EROSION CONTROL MEASURES TO PREVENT EROSION OR DISPLACEMENT OF SOILS AND DISCHARGE OF SOIL-BEARING WATER RUNOFF OR AIRBORNE DUST TO ADJACENT PROPERTIES AND WALKWAYS.
3. TREE PROTECTION: PROVIDE TREE PROTECTION AS INDICATED ON THE DRAWINGS PRIOR TO COMMENCING WORK. LEAVE PROTECTION IN PLACE AND MAINTAIN UNTIL CONSTRUCTION WORK HAS BEEN COMPLETED.
4. EXCAVATE TO SUBGRADE ELEVATIONS REGARDLESS OF THE CHARACTER OF SURFACE AND SUBSURFACE CONDITIONS ENCOUNTERED, INCLUDING ROCK, SOIL MATERIALS, AND OBSTRUCTIONS.
5. EXCAVATE FOR STRUCTURES, PAVEMENTS, AND WALKS TO INDICATED ELEVATIONS AND DIMENSIONS.
6. EXCAVATE UTILITY TRENCHES TO INDICATED GRADIENTS, LINES, DEPTHS, AND INVERT ELEVATIONS OF UNIFORM WIDTHS TO PROVIDE A WORKING CLEARANCE ON EACH SIDE OF PIPE OR CONDUIT.
7. UTILITY TRENCH BACKFILL: PLACE, COMPACT AND SHAPE BEDDING COURSE TO PROVIDE CONTINUOUS SUPPORT FOR PIPES AND CONDUITS OVER ROCK AND OTHER UNYIELDING BEARING SURFACES AND TO FILL UNAUTHORIZED EXCAVATIONS.
   a. PLACE AND COMPACT INITIAL BACKFILL OF SATISFACTORY SOIL MATERIAL OR SUBBASE MATERIAL, FREE OF PARTICLES LARGER THAN ONE (1) INCH, TO A HEIGHT OF TWELVE (12) INCHES OVER THE UTILITY PIPE OR CONDUIT. PLACE AND COMPACT FINAL BACKFILL OF SATISFACTORY SOIL MATERIAL TO FINAL SUBGRADE.
8. FILL: PLACE AND COMPACT FILL MATERIAL IN LAYERS TO REQUIRED ELEVATIONS.
9. COMPACTION: PLACE BACKFILL AND FILL MATERIALS IN LAYERS NOT MORE THAN EIGHT (8) INCHES IN LOOSE DEPTH FOR MATERIAL COMPACTED BY HEAVY COMPACTION EQUIPMENT, AND NOT MORE THAN FOUR (4) INCHES IN LOOSE DEPTH FOR MATERIAL COMPACTED BY HAND-OPERATED TAMPERS.
10. GRADING: UNIFORMLY GRADE AREAS TO A SMOOTH SURFACE, FREE FROM IRREGULAR SURFACE CHANGES. COMPLY WITH COMPACTION REQUIREMENTS AND GRADE TO CROSS SECTIONS, LINES, AND ELEVATIONS INDICATED. GRADE LAWNS, WALKS, AND UNPAVED SUBGRADES TO TOLERANCES OF PLUS OR MINUS ONE (1) INCH AND PAVEMENTS AND AREAS WITHIN BUILDING LINES TO PLUS OR MINUS ONE-HALF (1/2) INCH.
11. SUBBASE AND BASE COURSES: UNDER PAVEMENTS AND WALKS, PLACE SUBBASE COURSE ON PREPARED SUBGRADE. PLACE BASE COURSE MATERIAL OVER SUBBASE. COMPACT TO REQUIRED GRADES, LINES, CROSS SECTIONS, AND THICKNESS TO NOT LESS THAN 95 PERCENT OF MAXIMUM DRY DENSITY ACCORDING TO ASTM 698.

C. FIELD QUALITY CONTROL:

1. TESTING AGENCY: ENGAGE A QUALIFIED INDEPENDENT TESTING AGENCY TO PERFORM FIELD TESTS AND INSPECTIONS AND TO PREPARE TEST REPORTS.
2. TESTING AGENCY SHALL TEST AND INSPECT SUBGRADES AND EACH FILL OR BACKFILL LAYER. PROCEED WITH SUBSEQUENT EARTHWORK ONLY AFTER TEST RESULTS FOR PREVIOUSLY COMPLETED WORK COMPLY WITH REQUIREMENTS.

SECTION02751
CEMENT CONCRETE PAVEMENT:

A. GENERAL:

1. REFERENCE TO STANDARD SPECIFICATIONS OR CODES SHALL MEAN THE LATEST STANDARD OR CODE ADOPTED AND PUBLISHED.
2. COMPLY WITH REQUIREMENTS OF THE AMERICAN CONCRETE INSTITUTE (ACI) 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE" FOR ALL CAST-IN-PLACE CONCRETE.
3. SUBMITTALS: DESIGN MIXTURES FOR EACH CONCRETE PAVEMENT MIX.
4. VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS PRIOR TO COMMENCING WORK. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCY.
5. NOTIFY THE LANDSCAPE ARCHITECT IN WRITING OF CONDITIONS ENCOUNTERED IN THE FIELD CONTRADICTORY TO THOSE SHOWN ON THE DRAWINGS.
6. CONTRACTOR SHALL VERIFY CONDITIONS AND/OR ADEQUACY OF ALL SUBGRADES, FILLS AND BACKFILLS BEFORE PLACEMENT OF PERMANENT PAVEMENT MATERIALS.
7. CONTRACTOR SHALL VERIFY THAT PROJECT CONDITIONS (I.E. WEATHER, ADJACENT WORK, ETC.) ARE SATISFACTORY FOR INSTALLATION PRIOR TO COMMENCING WORK.

B. SUBGRADE AND SUBBASE FOR PAVEMENTS:

1. SUBGRADE SHALL BE PREPARED TO ALLOW FOR SUBBASE AND PAVEMENT THICKNESS AND SHALL BE COMPACTED TO NOT LESS THAN 95 PERCENT MAXIMUM DRY UNIT WEIGHT AS DETERMINED IN ACCORDANCE WITH ASTM D 698.
2. SUBBASE AGGREGATE, WHERE INDICATED, SHALL BE NATURALLY OR ARTIFICIALLY GRADED MIXTURE OF NATURAL OR CRUSHED GRAVEL, CRUSHED STONE AND NATURAL OR CRUSHED SAND COMPLYING WITH ASTM D 2940.
3. PROVIDE THICKNESS OF SUBBASE AS INDICATED ON THE DRAWINGS, PLACE SUBBASE IN FOUR (4) INCH MAXIMUM LIFTS TO ELEVATIONS REQUIRED AND TO ALLOW FOR PAVEMENT THICKNESS. SUBBASE SHALL NOT DEVIATE MORE THAN ONE-HALF (1/2) INCH FROM PROPOSED ELEVATIONS. COMPACT SUBBASE TO NO LESS THAN 95 PERCENT MAXIMUM DRY UNIT WEIGHT AS DETERMINED IN ACCORDANCE WITH ASTM D 698.

C. CONCRETE PAVEMENT MATERIALS:

1. PROVIDE CAST-IN-PLACE CONCRETE PAVING, CONCRETE CURBS, AND CONCRETE CURBS AND GUTTERS OF THE TYPE, TEXTURE, FINISH AND COLOR INDICATED ON THE DRAWINGS AND SCHEDULES.
2. FORMS SHALL BE FREE OF DISTORTION AND DEFECTS TO PROVIDE STRAIGHT SMOOTH EXPOSED SURFACES. USE FLEXIBLE OR CURVED FORMS TO FORM RADIUS BENDS AS REQUIRED.
3. REINFORCEMENT BARS: ASTM A 615, GRADE 60, DEFORMED, UNLESS OTHERWISE NOTED.
4. WELDED WIRE REINFORCEMENT (MESH), WHERE INDICATED, SHALL COMPLY WITH ASTM A 185 AND SHALL BE PROVIDED IN FLAT SHEETS (ROLLS NOT PERMITTED).
5. JOINT DOWEL BARS SHALL BE PLAIN STEEL BARS COMPLYING WITH ASTM A 615, GRADE 60.
6. PORTLAND CEMENT: ASTM C 150, TYPE I
7. AGGREGATE: ASTM C 33, UNIFORMLY GRADED, FROM A SINGLE SOURCE, MAXIMUM AGGREGATE SIZE THREE-FOURTH (3/4) INCHE.
8. WATER: ASTM C 94.
9. SYNTHETIC FIBER: FIBRILLATED POLYPROPYLENE FIBERS ENGINEERED AND DESIGNED FOR USE IN CONCRETE PAVEMENT, COMPLYING WITH ASTM C 1116, TYPE III, ONE-HALF (1/2) TO ONE AND ONE-HALF (1-1/2) INCHES LONG.
10. COLORING AGENT: ASTM C 979, SYNTHETIC MINERAL-OXIDE PIGMENTS, COLOR STABLE, NONFADING.
11. CURING MATERIALS: CLEAR WATERBORNE MEMBRANE-FORMING CURING COMPOUND: ASTM C 309, TYPE I, CLASS B.
12. JOINT FILLER: ASPHALT-SATURATED FIBER BOARD COMPLYING WITH ASTM D 1751.
13. JOINT SEALANT BACKERS: CLOSED CELL POLYETHYLENE BACKER ROD, ASTM D 5249 OR CLOSED CELL POLYETHYLENE BACKER STRIP, ASTM D 5249 TO CONTROL SEALANT DEPTH AND PREVENT BOTTOM-SIDE ADHESION OF SEALANT.
14. JOINT SEALANT: MULTI-COMPONENT ELASTROMERIC URETHANE SEALANT COMPLYING WITH ASTM C 920 FOR USE IN HORIZONTAL PAVED SURFACES. JOINT SEALANT COLOR SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION.
15. UNLESS NOTED OTHERWISE, PROPORATION MIXES TO PROVIDE NORMAL-WEIGHT CONCRETE WITH THE FOLLOWING MINIMUM TWENTY-EIGHT (28) DAY COMPRESSIVE STRENGTH:
    PAVEMENTS.....3,000 PSI
    CURBS.....3,000 PSI
    CURBS AND GUTTERS.....3,000 PSI
16. USE OF CALCIUM CHLORIDE, SALT OR OTHER ANTI FREEZE AGENTS IN CONCRETE IS NOT PERMITTED.

D. CONCRETE PAVEMENT:

1. FORMS: SET, BRACE AND SECURE EDGE FORMS, BULKHEADS, AND SCREED GUIDES TO REQUIRED LINES, GRADES AND ELEVATIONS.
2. ARRANGE, SPACE AND SECURELY TIE REINFORCEMENT PRIOR TO PLACING CONCRETE. PROVIDE SUFFICIENT SUPPORT TO MAINTAIN POSITION OF REINFORCEMENT DURING CONCRETE PLACEMENT. MAINTAIN MINIMUM COVER TO REINFORCEMENT.
3. PROVIDE CONTINUOUS REINFORCEMENT WHEREVER POSSIBLE. SPLIT ONLY AS SHOWN OR APPROVED. INSTALL W.W.F. SHEETS IN LENGTHS AS LONG AS PRACTICABLE. LAP ADJOINING PIECES AT LEAST ONE FULL MESH.
4. CONSTRUCT CONTRACTION, CONSTRUCTION AND ISOLATION JOINTS TRUE TO LINE, OF THE TYPE AND IN THE LOCATIONS SHOWN ON THE DRAWINGS.
5. COMPLY WITH RECOMMENDATIONS OF ACI 304 FOR MEASURING, MIXING, TRANSPORTING AND PLACING CONCRETE.
6. TOOL EDGES OF PAVING, CURBS, CURBS AND GUTTERS AND JOINTS FORMED IN FRESH CONCRETE WITH A JOINTING TOOL. REPEAT TOOLING OF EDGES AND JOINTS AFTER APPLYING SURFACE FINISHES. UNLESS NOTED OTHERWISE JOINTING TOOL SHALL HAVE A ONE-QUARTER (1/4) INCH RADIUS AND ONE-QUARTER (1/4) INCH WIDE JOINTING CAPABILITY.
7. ALL JOINTS IN CURVED SECTIONS OF CONCRETE PAVEMENT, CURBS, AND CURBS AND GUTTERS SHALL BE TOOLED RADIALLY TO THE CURVE.
8. UNLESS NOTED OTHERWISE ALL ISOLATION JOINTS SHALL BE SEALANT FILLED JOINTS. INSTALL JOINT FILLER, SEALANT BACKING AND SEALANT BY PROVEN TECHNIQUES AND COMPLYING WITH RECOMMENDATIONS OF ASTM C 1193.
9. UNLESS NOTED OTHERWISE, CONCRETE PAVEMENTS SHALL HAVE A MEDIUM BROOM FINISH PERPENDICULAR TO THE LONG EDGES OF PAVEMENT; CONCRETE CURBS AND GUTTERS SHALL HAVE A MEDIUM BROOM FINISH PARALLEL TO THE LONG EDGES OF THE CURB.
10. ALL AREAS OF PAVEMENT SHALL RECEIVE WATER REPELLENT COATING, UNLESS OTHERWISE INDICATED. PROVIDE AND APPLY PENETRATING WATER REPELLENT COATING COMPOSED OF SILOXANE/SILANE BLENDS AS RECOMMENDED BY MANUFACTURER FOR PAVEMENT APPLICATION.

6 Executive Park Drive
Suite 300
Atlanta, GA 30329
www.hgor.com
p. 404-248-1960
f. 404-248-1092

HGOR
PLANNERS LANDSCAPE ARCHITECTS

REVISIONS

NO.	DATE	ISSUE
△		
△		
△		
△		
△		
△		

All Saints Catholic Church
Dunwoody, GA

All Saints Catholic Church
Dunwoody. GA

TITLE
HARDSCAPE DETAILS

DATE	7/10/08
JOB NO.	08020
DWG FILE	08020HD1
DRAWN BY	MM
CHECKED	KL
SCALE	1"=10'-0"
SHEET	HS-13

NOT RELEASED FOR CONSTRUCTION

Last modified on 07/10/08 by KEITH
File ocated in S:\2008\08020\Graphics\W-Details\Hardscape\ 08020HD1.dwg

SECTION 32 14 13
UNIT PAVERS

A. GENERAL:

1. REFERENCE TO STANDARD SPECIFICATIONS OR CODES SHALL MEAN THE LATEST STANDARD OR CODE ADOPTED AND PUBLISHED.

2. COMPLY WITH REQUIREMENTS OF THE BRICK INSTITUTE OF AMERICA (BIA) TECHNICAL NOTES ON BRICK CONSTRUCTION.

3. COMPLY WITH REQUIREMENTS OF INTERLOCKING CONCRETE PAVER INSTITUTES (ICPI) TECH SPEC 2 CONSTRUCTION OF INTERLOCKING CONCRETE PAVEMENTS.

4. FIELD CONSTRUCTION MOCK-UP: PRIOR TO INSTALLING UNIT PAVERS, FURNISH AND INSTALL A 100 SQUARE FOOT SAMPLE OF PAVEMENT FOR EACH FORM AND PATTERN OF PAVEMENT INDICATED WITH PROPOSED MATERIALS, AND WORKMANSHIP TO BE EXPECTED IN COMPLETED WORK. BUILD MOCK-UPS USING MATERIALS, SAME BASE CONSTRUCTION, JOINTS AND EDGES AS INDICATED FOR FINAL UNIT OF WORK.

5. SUBMIT, FOR INFORMATION ONLY, MANUFACTURERS PRODUCT DATA FOR UNIT PAVERS, EDGE RESTRAINTS.

6. SUBMITTALS: SAMPLES FOR VERIFICATION OF FULL SIZE UNITS OF EACH TYPE OF UNIT PAVER INDICATED, IN SETS FOR EACH COLOR, TEXTURE AND PATTERN SPECIFIED, SHOWING FULL RANGE OF VARIATIONS EXPECTED IN THESE CHARACTERISTICS.

7. VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS PRIOR TO COMMENCING WORK. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCY.

8. NOTIFY THE LANDSCAPE ARCHITECT IN WRITING OF CONDITIONS ENCOUNTERED IN THE FIELD CONTRADICTORY TO THOSE SHOWN ON THE DRAWINGS.

9. CONTRACTOR SHALL VERIFY CONDITIONS AND/OR ADEQUACY OF ALL SUBGRADES, FILLS AND BACKFILLS BEFORE PLACEMENT OF PERMANENT PAVEMENT MATERIALS.

10. CONTRACTOR SHALL VERIFY THAT PROJECT CONDITIONS (I.E. WEATHER, ADJACENT WORK, ETC.) ARE SATISFACTORY FOR INSTALLATION PRIOR TO COMMENCING WORK.

11. PROTECT UNIT PAVERS AND SETTING BED MATERIALS FROM DAMAGE AGAINST WEATHER, SOIL CONTAMINATION FROM EARTH AND OTHER MATERIALS, AND PHYSICAL DAMAGE DURING STORAGE AND CONSTRUCTION.

12. COLD-WEATHER PROTECTION: DO NOT USE FROZEN MATERIALS OR MATERIALS MIXED OR COATED WITH ICE OR FROST. DO NOT BUILD ON FROZEN SUBGRADE OR SETTING BEDS. REMOVE AND REPLACE UNIT PAVER WORK DAMAGED BY FROST OR FREEZING.

13. WEATHER LIMITATIONS FOR BITUMINOUS SETTING BED: COMPLY WITH THE FOLLOWING REQUIREMENTS:
    a. APPLY ASPHALT PRIMER COAT WHEN AMBIENT TEMPERATURE IS ABOVE 50 DEG F AND WHEN TEMPERATURE HAS NOT BEEN BELOW 35 DEG F FOR TWELVE (12) HOURS IMMEDIATELY PRIOR TO APPLICATION. DO NOT APPLY WHEN BASE IS WET OR CONTAINS AN EXCESS OF MOISTURE.

B. SUBGRADE AND SUBBASE FOR PAVEMENTS:

1. SUBGRADE SHALL BE PREPARED TO ALLOW FOR SUBBASE; SETTING BED AND UNIT PAVER THICKNESS AND SHALL BE COMPACTED TO NOT LESS THAN 95 PERCENT MAXIMUM DRY UNIT WEIGHT AS DETERMINED IN ACCORDANCE WITH ASTM D 698.

2. SUBGRADE REINFORCEMENT AND SEPARATION: WOVEN GEOTEXTILE, SPECIFICALLY MANUFACTURED FOR USE AS A SEPARATION GEOTEXTILE, MADE FROM POLYPROPYLENE, POLYESTERS, AND/OR POLYAMIDES.
    a. PROVIDE SUBGRADE REINFORCEMENT AND SOIL STABILIZATION FABRICS THAT MEET OR EXCEED THE LISTED MINIMUM PHYSICAL PROPERTIES DETERMINED ACCORDING TO ASTM D 4759.

3. SUBBASE AGGREGATE, WHERE INDICATED, SHALL BE NATURALLY OR ARTIFICIALLY GRADED MIXTURE OF NATURAL OR CRUSHED GRAVEL, CRUSHED STONE AND NATURAL OR CRUSHED SAND COMPLYING WITH ASTM D 2940.

4. PROVIDE THICKNESS OF SUBBASE AS INDICATED ON THE DRAWINGS, PLACE SUBBASE IN FOUR (4) INCH MAXIMUM LIFTS TO ELEVATIONS REQUIRED AND TO ALLOW FOR PAVEMENT THICKNESS. SUBBASE SHALL NOT DEVIATE MORE THAN ON-HALF (1/2) INCH FROM PROPOSED ELEVATIONS. COMPACT SUBBASE TO NO LESS THAN 95 PERCENT MAXIMUM DRY UNIT WEIGHT AS DETERMINED IN ACCORDANCE WITH ASTM D 698.

5. CONCRETE SUBBASE: REFER TO SECTION 03300 CAST-IN-PLACE CONCRETE.

C. SETTING BED AND JOINT MATERIALS:

1. AGGREGATE SETTING-BED MATERIALS:
    a. AGGREGATE FOR LEVELING COURSE: FINE SHARP, NON-PLASTIC AGGREGATE FREE FROM DELETERIOUS OR FOREIGN MATTER. THE AGGREGATE SHALL BE NATURAL OR MANUFACTURED. PARTICLES SHALL CONFORM TO GRADING REQUIREMENTS FOR ASTM C 33.

    b. AGGREGATE FOR JOINTS: FINE, SHARP, WASHED, NATURAL SAND OR CRUSHED STONE WITH 100 PERCENT PASSING THE NO. 16 SIEVE AND NO MORE THAT 10 PERCENT PASSING THE NO. 200 SIEVE.

2. PORTLAND CEMENT MORTAR SETTING-BED MATERIALS:
    a. PORTLAND CEMENT: ASTM C 150, TYPE I OR II.
    b. HYDRATED LIME: ASTM C 207, TYPE S.
    c. AGGREGATE: ASTM C 144.
    d. LATEX ADDITIVE: ACRYLIC RESIN WATER EMULSION SERVING AS REPLACEMENT FOR PART OR ALL OF GAGING WATER, OF TYPE SPECIFICALLY RECOMMENDED BY MANUFACTURER FOR USE WITH JOB-MIXED PORTLAND CEMENT AND AGGREGATE, AND NOT CONTAINING A RETARDER.
    e. WATER: CLEAN, FREE OF MATERIALS DETRIMENTAL TO STRENGTH OR BOND OF MORTARS.

3. GROUT MATERIALS:
    a. LATEX-PORTLAND CEMENT GROUT: ANSI A118.6, COMPOSITION AS FOLLOWS:
        1) PACKAGED, DRY GROUT MIX COMPOSED OF PORTLAND CEMENT, GRADED AGGREGATE, AND ETHYLENE VINYL ACETATE IN THE FORM OF A REEMULSIFIABLE POWDER TO WHICH ONLY WATER IS ADDED AT PROJECT SITE.
    b. WATER: PORTABLE.

4. MORTAR AND GROUT MIXES:
    a. GENERAL: COMPLY WITH REFERENCE STANDARDS AND WITH MANUFACTURERS INSTRUCTIONS RELATIVE TO MIXING EQUIPMENT, MIXER SPEEDS, MIXING CONTAINERS, MIXING TIME, AND OTHER PROCEDURES NEEDED TO PRODUCE SETTING-BED AND JOINT MATERIALS OF UNIFORM QUALITY AND WITH OPTIMUM PERFORMANCE CHARACTERISTICS. DISCARD MORTARS AND GROUT WHEN THEY HAVE REACHED THEIR INITIAL SET.
    b. CEMENT-PASTE BOND COAT: MIX BOND COAT TO A CONSISTENCY SIMILAR TO THAT OF THICK CREAM AND CONSISTING OF EITHER NEAT CEMENT AND WATER OR CEMENT, SAND AND WATER.
        1) FOR LATEX-MODIFIED PORTLAND CEMENT SETTING-BED MORTAR, SUBSTITUTE LATEX ADMIXTURE FOR PART OR ALL OF WATER PER DIRECTIONS OF LATEX ADDITIVE MANUFACTURER.
    c. LATEX-MODIFIED PORTLAND CEMENT SETTING BED MORTAR: PROPORTION AND MIX PORTLAND CEMENT, AGGREGATE, AND LATEX ADDITIVE FOR SETTING BED TO COMPLY WITH DIRECTION OF LATEX ADDITIVE MANUFACTURER AND AS NECESSARY TO PRODUCE STIFF MIXTURE WITH A MOIST SURFACE WHEN BED IS READY TO RECEIVE BRICK PAVERS.
    d. LATEX-MODIFIED PORTLAND CEMENT GROUT: ADD LATEX ADDITIVE TO DRY GROUT MIX IN PROPORTION AND CONCENTRATION RECOMMENDED BY LATEX-ADDITIVE MANUFACTURER. PROPORTION CEMENT AND AGGREGATE TO COMPLY WITH DIRECTIONS OF LATEX ADDITIVE MANUFACTURER.
        1) JOB-MIXED COLOR PIGMENTED GROUT: SELECT AND PROPORTION PIGMENTS WITH OTHER INGREDIENTS TO PRODUCE COLOR REQUIRED. DO NOT EXCEED PIGMENT-TO-CEMENT RATIO OF 1 TO 10, BY WEIGHT.
        2) JOB-MIXED COLORED AGGREGATE GROUT: PRODUCE COLOR REQUIRED BY COMBINING COLORED AGGREGATES WITH PORTLAND CEMENT OF SELECTED COLOR. PROPORTION CEMENT AND AGGREGATE TO COMPLY WITH DIRECTIONS OF LATEX ADDITIVE MANUFACTURER.

D. UNIT PAVERS:

1. CONCRETE PAVERS SHALL BE SOLID, INTERLOCKING PAVING UNITS COMPLYING WITH ASTM C936, MADE FROM NORMAL-WEIGHT AGGREGATES IN SIZES, SHAPES FINISH AND COLOR INDICATED ON THE DRAWINGS.

2. ROUGH-STONE PAVERS SHALL BE SQUARED PAVING STONES, WITH SPLIT FACES AND EDGES, MADE FROM GRANITE COMPLYING WITH ASTM C 615 IN SIZES, SHAPES, FINISH AND COLOR INDICATED ON THE DRAWINGS.

E. EDGE RESTRAINTS:

1. STEEL EDGE RESTRAINTS: PAINTED COMMERCIAL STEEL EDGING 3/16 INCH X 4 INCHES HIGH, WITH LOOPS PRESSED FROM OR WELDED TO FACE OF SECTIONS AT TWO (2) FEET SIX (6) INCHES O.C. TO RECEIVE STAKES, AND STEEL STAKES FIFTEEN (15) INCHES LONG FOR EACH LOOP.

2. CAST-IN-PLACE CONCRETE JOB BUILT EDGE RESTRAINTS SHALL BE READY MIXED CONCRETE WITH 3000 PSI MINIMUM 28 DAY COMPRESSIVE STRENGTH, NORMAL WEIGHT, AIR ENTRAINED, COMPLYING WITH ASTM C 94.

F. INSTALLATION GENERAL

1. CUT UNIT PAVERS WITH MOTOR-DRIVEN MASONRY SAW EQUIPMENT TO PROVIDE CLEAN, SHARP, UNCHIPPED EDGES. CUT UNITS TO PROVIDE PATTERNS INDICATED AND TO FIT ADJOINING WORK NEATLY. USE FULL UNITS WITHOUT CUTTING WHERE POSSIBLE. HAMMER CUTTING IS NOT ACCEPTABLE.

2. HAND TIGHT JOINTS: WHERE UNIT PAVERS ARE INDICATED WITHOUT SPACED JOINTS, SET UNIT PAVERS WITH ONE-SIXTEENTH (1/16) INCH JOINTS.

3. TOLERANCES: DO NOT EXCEED ONE-SIXTEENTH (1/16) INCH UNIT-TO-UNIT OFFSET FROM FLUSH (LIPPAGE) AND A TOLERANCE OF ONE-EIGHTH (1/8) INCH IN 10 FEET 0 INCHES FROM LEVEL OR SLOPE AS INDICATED, FOR FINISHED SURFACE OF PAVING.

4. PROVIDE EDGE RESTRAINTS AS INDICATED. INSTALL EDGE RESTRAINTS PRIOR TO PLACING UNIT PAVERS.

5. ISOLATION AND CONTROL JOINTS: PROVIDE FOR SEALANT-FILLED JOINTS AT LOCATIONS AND OF WIDTHS INDICATED. REFER TO SECTION 02764 PAVEMENT JOINT SEALANTS.

6. ALL AREAS OF UNIT PAVEMENT SHALL RECEIVE COLORLESS WATER REPELLANT COATING, UNLESS OTHERWISE INDICATED. PROVIDE AND APPLY PENETRATING WATER REPELLANT COATING COMPOSED OF SILOXANE/SILANE BLENDS AS RECOMMENDED BY MANUFACTURER FOR PAVEMENT APPLICATION.

G. AGGREGATE SETTING BED APPLICATIONS:

1. PLACE GRADED AGGREGATE FOR SUBBASE OVER COMPACTED SUBGRADE. PROVIDE COMPACTED THICKNESS OF SUBBASE INDICATED. COMPACT BY TAMPING WITH VIBRATORY COMPACTOR. COMPACT BASE TO 95 PERCENT OF MAXIMUM DRY DENSITY AS DETERMINED IN ACCORDANCE WITH ASTM D 698. SCREED TO DEPTH REQUIRED TO ALLOW FOR SETTING OF UNIT PAVERS AND LEVELING COURSE.

2. PLACE FINE AGGREGATE FOR LEVELING COURSE AND SCREED TO THICKNESS INDICATED, TAKING CARE THAT MOISTURE CONTENT REMAINS CONSTANT AND DENSITY IS LOOSE AND CONSTANT UNTIL PAVERS ARE SET AND COMPACTED.

3. TREAT LEVELING COURSE WITH SOIL STERILIZER TO PROHIBIT GROWTH OF GRASS AND WEEDS.

4. SET UNIT PAVERS WITH A JOINT WIDTH OF ONE-SIXTEENTH (1/16) INCH, BEING CAREFUL NOT TO DISTURB LEVELING COURSE. IF PAVERS HAVE SPACER BARS, PLACE PAVERS HAND TIGHT AGAINST SPACER BARS.

5. VIBRATE UNIT PAVERS INTO LEVELING COURSE WITH A LOW AMPLITUDE PLATE VIBRATOR CAPABLE OF EXERTING A 3500-5,000 LBF. CENTRIFUGAL COMPACTION FORCE AND OPERATE AT 80 TO 90 HERTZ.

H. MORTAR SETTING BED APPLICATIONS:

1. SATURATE CONCRETE SUBBASE WITH CLEAN WATER SEVERAL HOURS BEFORE PLACING SETTING-BED. REMOVE SURFACE WATER ABOUT ONE HOUR BEFORE PLACING SETTING-BED.

2. APPLY CEMENT PASTE BOND COAT OVER SURFACE OF CONCRETE SUBBASE ABOUT 15 MINUTES PRIOR TO PLACING SETTING BED. LIMIT AREA OF BOND COAT TO AVOID ITS DRYING OUT PRIOR TO PLACING SETTING BED. DO NOT EXCEED ONE-SIXTEENTH (1/16) INCH THICKNESS FOR BOND COAT.

3. APPLY MORTAR SETTING-BED OVER BOND COAT IMMEDIATELY AFTER APPLYING BOND COAT. SPREAD AND SCREED SETTING BED TO UNIFORM THICKNESS AT SUBGRADE ELEVATIONS REQUIRED FOR ACCURATE SETTING OF UNIT PAVERS TO FINISHED GRADES INDICATED.

4. MIX AND PLACE ONLY THAT AMOUNT OF MORTAR SETTING BED THAT CAN BE COVERED WITH PAVERS PRIOR TO INITIAL SET. CUT BACK, BEVEL EDGE, REMOVE AND DISCARD SETTING BED MATERIAL THAT HAS REACHED INITIAL SET PRIOR TO PLACING UNIT PAVERS.

5. WET UNIT PAVERS PRIOR TO LAYING IF THE INITIAL RATE OF ABSORPTION EXCEEDS 30G/30 SQ. IN. PER MINUTE WHEN TESTED PER ASTM C 67. ALLOW UNITS TO ABSORB THE WATER SO THAT THEY ARE DAMP BUT NOT WET AT THE TIME OF LAYING.

6. PLACE PAVERS BEFORE INITIAL SET OF CEMENT OCCURS. IMMEDIATELY PRIOR TO PLACING UNIT PAVERS ON SCREED OR WET SETTING BED, BUTTER BOTTOM AND EDGES WITH 1/16 INCH THICK SLURRY BOND COAT AND SHOVE PAVER INTO MORTAR SETTING BED.

7. TAMP AND BEAT UNIT PAVERS WITH A WOODEN BLOCK OR RUBBER MALLET TO OBTAIN FULL CONTACT WITH SETTING BED AND TO BRING FINISHED SURFACES PRIOR TO INITIAL SET OF MORTAR; DO NOT RETURN TO AREAS ALREADY SET AND DISTURB BRICKS FOR PURPOSES OF REALIGNING FINISHED SURFACES OR ADJUSTING JOINTS.

8. GROUT JOINTS AS SOON AS POSSIBLE AFTER INITIAL SET OF SETTING BED. FORCE GROUT INTO JOINTS, TAKING CARE NOT TO SMEAR GROUT ON ADJOINING BRICK AND OTHER SURFACES. AFTER INITIAL SET OF GROUT, FINISH JOINTS BY TOOLING TO PRODUCE A VERY SLIGHTLY CONCAVE POLISHED JOINT.

9. CURE GROUT BY MAINTAINING IN A DAMP CONDITION FOR SEVEN (7) DAYS EXCEPT AS OTHERWISE RECOMMENDED BY LATEX ADDITIVE MANUFACTURER.

10. POINTING: DURING TOOLING OF JOINTS, ENLARGE VOIDS OR HOLES AND COMPLETELY FILL WITH MORTAR OR GROUT.

11. CLEANING: REMOVE EXCESS GROUT FROM EXPOSED UNIT PAVER SURFACES, WASH, AND SCRUB CLEAN.

SECTION 02764
PAVEMENT JOINT SEALANTS

A. GEN

1. REFERENCE TO STANDARD SPECIFICATIONS OR CODES SHALL MEAN THE LATEST STANDARD OR CODE ADOPTED AND PUBLISHED.

2. SUBMITTALS: MANUFACTURERS PRODUCT DATA, FOR INFORMATION ONLY, FOR EACH JOINT SEALANT PRODUCT INDICATED.

3. SUBMITTALS: SAMPLES FOR VERIFICATION FOR OF EACH TYPE AND COLOR OF JOINT SEALANT REQUIRED.

4. NOTIFY THE LANDSCAPE ARCHITECT IN WRITING OF CONDITION ENCOUNTERED IN THE FIELD CONTRADICTORY TO THOSE SHOWN ON THE

B. JOINT SEALANT MATERIALS:

1. COMPATIBILITY: PROVIDE JOINT SEALANTS, JOINT FILLER, AND OTHER RELATED MATERIALS THAT ARE COMPATIBLE WITH ONE ANOTHER AND WITH JOINT SUBSTRATES UNDER CONDITIONS OF SERVICE AND APPLICATION, AS DEMONSTRATED BY JOINT SEALANT MANUFACTURER BASED ON TESTING AND FIELD EXPERIENCE.

2. MULTI-COMPONENT URETHRANE SEALANT: CHEMICALLY CURING ELASTOMERIC FORMULATION COMPLYING WITH THE REQUIREMENTS OF ASTM C 920 FOR TYPE M, GRADE NS, CLASS 25 AND USE T.

C. JOINT FILLER MATERIALS:

1. BITUMINOUS FIBER JOINT FILLER: PREFORMED STRIPS OF ASPHALT SATURATED FIBERBOARD, COMPLYING WITH ASTM D 1751, OF THICKNESS AND WIDTHS INDICATED.

2. ASPHALT JOINT FILLER: ASTM D 994, PREFORMED STRIPS, WATER PROOF AND SELF SEALING.

3. PLASTIC JOINT FILLER CAPS: TWO-PIECE PREFORMED PLASTIC CAP OF THICKNESS AND WIDTH REQUIRED TO PROVIDE RESEVOIR FOR JOINT SEALANT, AND PREVENT BOTTOM-SIDE ADHESION OF SEALANT.

D. JOINT SEALANT BACKER MATERIALS:

1. PROVIDE SEALANT BACKINGS OF MATERIAL AND TYPE THAT ARE NONSTAINING; ARE COMPATIBLE WITH JOINT SUBSTRATES, SEALANTS, PRIMERS, AND OTHER JOINT FILLERS; AND ARE APPROVED FOR APPLICATIONS INDICATED BY SEALANT MANUFACTURER BASED ON FIELD EXPERIENCE AND LABORATORY TESTING.

2. BACKER RODS FOR COLD-APPLIED SEALANTS: ASTM D 5249, TYPE 3 OF DIAMETER AND DENSITY REQUIRED TO CONTROL SEALANT DEPTHS AND PREVENT BOTTOM-SIDE ADHESION OF SEALANT.

3. BACKER STRIPS FOR COLD-APPLIED SEALANTS: ASTM D 5249, TYPE 2, CLOSED CELL POLYETHYLENE; OF THICKNESS AND WIDTH REQUIRED TO CONTROL SEALANT DEPTHS, PREVENT BOTTOM-SIDE ADHESION OF SEALANT, AND FILL REMAINDER OF JOINT OPENING UNDER SEALANT.

4. BOND-BREAKER TAPE: POLYETHYLENE TAPE OR OTHER PLASTIC TAPE AS RECOMMENDED BY SEALANT MANUFACTURER FOR PREVENTING SEALANT FROM ADHERING TO RIGID, INFLEXIBLE JOINT FILLER MATERIALS OR JOINT SURFACES AT BACK OF JOINT WHERE SUCH ADHESION WOULD RESULT IN SEALANT FAILURE.

5. PRIMERS: PRODUCT RECOMMENDED BY JOINT SEALANT MANUFACTURER WHERE REQUIRED FOR ADHESION OF SEALANT TO JOINT SUBSTRATES INDICATED, AS DETERMINED FROM PRECONSTRUCTION JOINT SEALANT-SUBSTRATE TESTS AND FIELD TESTS.

E. PAVEMENT JOINT SEALANTS:

1. COMPLY WITH JOINT SEALANT MANUFACTURERS PRINTED INSTALLATION INSTRUCTIONS APPLICABLE TO PRODUCTS AND APPLICATIONS INDICATED, EXCEPT WHERE MORE STRINGENT REQUIREMENTS APPLY.

2. ELASTOMERIC SEALANT INSTALLATION STANDARD: COMPLY WITH RECOMMENDATIONS OF ASTM C 1193 FOR USE OF JOINT SEALANTS AS APPLICABLE TO MATERIALS, APPLICATIONS, AND CONDITIONS INDICATED.

3. INSTALL SEALANTS BY PROVEN TECHNIQUES THAT RESULT IN SEALANTS DIRECTLY CONTACTING AND FULLY WETTING JOINT SUBSTRATES, COMPLETELY FILLING RECESSES PROVIDED FOR EACH JOINT CONFIGURATION, AND PROVIDING UNIFORM, CROSS-SECTIONAL SHAPES AND DEPTHS RELATIVE TO JOINT WIDTHS THAT ALLOW OPTIMUM SEALANT MOVEMENT CAPABILITY. INSTALL SEALANTS AT THE SAME TIME SEALANT BACKINGS ARE INSTALLED.

4. CLEAN OFF EXCESS SEALANTS OR SEALANT SMEARS ADJACENT TO JOINTS AS WORK PROGRESSES BY METHODS AND WITH CLEANING MATERIALS APPROVED BY MANUFACTURERS OF JOINT SEALANTS AND OF PRODUCTS IN WHICH JOINTS OCCUR.

5. PROTECT JOINT SEALANTS DURING AND AFTER CURING PERIOD FROM CONTACT WITH CONTAMINATING SUBSTANCES OR FROM DAMAGE RESULTING FROM CONSTRUCTION OPERATIONS. CUT OUT AND REMOVE DAMAGED OR DETERIORATED JOINT SEALANTS IMMEDIATELY SO THAT INSTALLATIONS WITH REPAIRED AREAS ARE INDISTINGUISHABLE FROM ORIGINAL WORK.

6 Executive Park Drive
Suite 300
Atlanta, GA 30329
www.hgor.com
p. 404-248-1960
f. 404-248-1092

HGOR
PLANNERS & LANDSCAPE ARCHITECTS

REVISIONS

NO.	DATE	ISSUE
△		
△		
△		
△		
△		
△		

All Saints Catholic Church
Dunwoody, GA

All Saints Catholic Church
Dunwoody, GA

TITLE
HARDSCAPE DETAILS

DATE	03/20/08
JOB NO.	7/10/08
DWG FILE	08020HD1
DRAWN BY	MM
CHECKED	KL
SCALE	1"=10'-0"

SHEET
HS-14

NOT RELEASED FOR CONSTRUCTION

Last modified on 07/10/08 by KEITH
File located in S:\2008\08020\Graphics\W-Details\Hardscape\08020HD1.dwg

SECTION 04860
STONE VENEER ASSEMBLIES

A. GENERAL:

1. REFERENCE TO STANDARD SPECIFICATIONS OR CODES SHALL MEAN THE LATEST STANDARD OR CODE ADOPTED AND PUBLISHED.

2. FIELD CONSTRUCTED MOCK- UP: BEFORE INSTALLING STONEWORK, CONSTRUCT SAMPLE OF WALL PANEL INDICATED WITH PROPOSED COLOR RANGE, TEXTURE, AND WORKMANSHIP TO BE EXPECTED IN COMPLETED WORK. BUILD MOCK- UP USING MATERIALS, JOINTS, AND EDGES AS INDICATED FOR FINAL UNIT OF WORK.

3. SUBMIT, FOR INFORMATION ONLY, SPECIFICATIONS AND OTHER PRODUCT DATA FOR EACH TYPE OF STONE, STONE ACCESSORY AND OTHER MANUFACTURED PRODUCT SPECIFIED. INCLUDE INSTRUCTIONS FOR HANDLING, STORGE, AND INSTALLATION AND PROTECTION OF EACH TYPE.

4. SUBMITTALS: TEST REPORTS INDICATING COMPRESSIVE STRENGTH COMPLIANCE OF GROUT MIXES WITH REQUIREMENTS OF ATM C 476.

5. SUBMITTALS: SAMPLES FOR VERIFICATION FOR EACH MORTAR COLOR AND EACH DIFFERENT EXPOSED STONE VENEER REQUIRED SHOWING FULL SIZE, FULL RANGE OF COLORS, FINISH AND DIMENSIONS TO BE EXPECTED IN COMPLETED WORK. LABEL SAMPLES TO INDICATE TYPE AND COLOR.

6. THE DRAWINGS INDICATE DESIGN INTENT ONLY. THEY DO NOT REFLECT AND/OR DEPICT STRUCTURAL DESIGN OF UNIT MASONRY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE STRUCTURAL DESIGN OF THE STRUCTURES INDICATED ON THE DRAWINGS SO THEY MEET REFERENCE STANDARDS AND THE BUILDING CODES HAVING JURISDICTION.

7. VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS PRIOR TO COMMENCING WORK. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCY.

8. NOTIFY THE LANDSCAPE ARCHITECT IN WRITING OF CONDITIONS ENCOUNTERED IN THE FIELD CONTRADICTORY TO THOSE SHOWN ON THE DRAWINGS.

9. CONTRACTOR SHALL VERIFY CONDITIONS AND/OR ADEQUACY OF ALL SUBGRADES, FILLS AND BACKFILS BEFORE PLACEMENT OF PERMANENT UNIT STONE MATERIALS.

10. STORE CEMENTITIOUS MATERIALS AND MASONRY UNITS ON ELEVATED PLATFORMS, UNDER COVER, AND IN A DRY LOCATION. DO NOT USE CEMENTITIOUS MATERIALS AND MASONRY UNITS THAT HAVE BECOME DAMP. STORE MASONRY ACCESSORIES TO PREVENT CORROSION DETERIORATION AND DAMAGE.

11. COLD WEATHER REQUIREMENTS: DO NOT USE FROZEN MATERIALS OR MATERIALS MIXED OR COATED WITH ICE OR FROST. DO NOT USE SALT TO THAW ICE IN ANCHOR HOLES OR SLOTS. DO NOT LOWER THE FREEZING POINT OF MORTAR BY USE OF ADMIXTURES OR ANTI-FREEZE AGENTS. DO NOT USE CALCIUM CHLORIDE IN MORTAR OR GROUT. DO NOT BUILD ON FROZEN SUBGRADE OR SETTING BEDS. REMOVE AND REPLACE STONEWORK DAMAGED BY FROST OR FREEZING CONDTIONS.

12. HOT WEATHER REQUIREMENTS: PROTECT STONE MASONRY VENEER WORK WHEN TEMPERATURE AND HUMIDITY CONDITIONS PRODUCE EXCESSIVE EVAPORATION OF WATER FROM MORTAR. PROVIDE ARTIFICIAL SHADE AND WIND BREAKS AND USE COOLED MATERIALS AS REQUIRED. DO NOT APPLY MORTAR TO SUBSTRATES WITH TEMPERATURES OF 100 DEG F (28 DEG C) AND ABOVE.

B. MASONRY MATERIALS

1. PROVIDE MORTAR, GROUT, AND STONE OF THE TYPE, TEXTURE, FINISH, SIZE, AND COLOR, INDICATED ON THE DRAWINGS AND SCHEDULES. PROVIDE SPECIAL SHAPES INDICATED, AND FOR CORNERS, JOINTS, AND OTHER SPECIAL CONDITIONS.

2. PORTLAND CEMENT: ASTM C 150, TYPE 1. PROVIDE NATURAL COLOR OR WHITE CEMENT AS REQUIRED TO PRODUCE MORTAR COLOR INDICATED.

3. MASONRY CEMENT: ASTM C 91, TYPE S, GRAY.

4. HYDRATED LIME: ASTM C 207, TYPE S.

5. PORTLAND CEMENT- LIME MIX: PACKAGED BLEND OF PORTLAND CEMENT, COMPLYING WITH ASTM C 150, TYPE 1 AND HYDRATED LIME COMPLYING WITH ASTM C 207.

6. AGGREGATES FOR MORTAR: ASTM C 144.

7. AGGREGATES FOR GROUT: ASTM C 404.

8. READY MIXED MORTAR: ASTM C 1142.

9. LATEX ADDITIVE (WATER EMULSION), SERVING AS REPLACEMENT FOR PART OF OR ALL GAUGING WATER OF TYPE SPECIFICALLY RECOMMENDED BY LATEX ADDITIVE MANUFACTURER FOR USE WITH JOB-MIXED PORTLAND CEMENT AND AGGREGATE AND NOT CONTAING A RETARDER.

10. WATER: ASTM C 94.

11. STONE VENEER TYPES: MATCH LANDSCAPE ARCHITECT'S SAMPLES FOR VARIETY, COLOR, FINISH, AND OTHER STONE CHARACTERISTICS RELATING TO AESTHETIC EFFECTS.

12. GRANITE BUILDING STONE STANDARD: ASTM C 615.

13. STONE FABRICATION: FABRICATE STONE IN SIZES AND SHAPES REQUIRED TO COMPLY WITH REQUIREMENTS INDICATED, INCLUDING DETAILS ON DRAWINGS.

14. THICKNESS OF STONE MASONRY VENEER: PROVIDE THICKNESS INDICATED, BUT NOT LESS THAN 4 INCHES PLUS OR MINUS 1/2 INCH.

15. DRESS JOINTS (BED AND VERTICAL) STRAIGHT AND AT RIGHT ANGLE TO FACE, UNLESS OTHERWISE INDICATED.

16. SHAPE STONE FOR TYPE OF MASONRY (PATTERN) INDICATED ON DRAWINGS AND SCHEDULES.

17. FINISH EXPOSED FACES AND EDGES OF STONE TO COMPLY WITH REQUIREMENTS INDICATED FOR FINISH AND TO MATCH APPROVED SAMPLES AND MOCK-UPS.

18. MORTAR FOR STONE MASONRY VENEER SHALL COMPLY WITH ASTM C 270, PROPORTION SPECIFICATION, FOR JOB MIXED MORTAR; AND ASTM C 1142 FOR READY MIXED MORTAR, OF TYPES INDICATED BELOW:
    a. LIMIT CEMENTITIOUS MATERIALS IN MORTAR TO PORTLAND CEMENT AND LIME.
    b. SET QUARTZITIC SANDSTONE WITH TYPE S MORTAR.
    c. SET GRANITE WITH TYPE S MORTAR.
    d. SET MINNESOTA LIMESTONE WITH TYPE N MORTAR.

19. POINTING MORTAR: PROVIDE POINTING MORTAR MIXED TO MATCH LANDSCAPE ARCHITECT'S SAMPLE AND COMPLYING WITH REQUIREMENTS INDICATED ABOVE FOR SETTING MORTAR.

20. GROUT FOR STONE MASONRY SHALL COMPLY WITH ASTM C 476 WITH 2500 PSI MINIMUM TWENTY-EIGHT (28) DAY COMPRESSIVE STRENGTH, UNLESS NOTED OTHERWISE.

21. REINFORCEMENT BARS: ASTM A 615, GRADE 60.

22. CORRUGATED METAL TIES: PROVIDE TIES OF METAL INDICATED, NOT LESS THAN 0.0249 INCH THICK BY 7 INCHES LONG.
    a. GALVANIZED CARBON STEEL SHEET: ASTM A 366, COLD ROLLED, CARBON STEEL SHEET HOT DIP GALVANIZED AFTER FABRICATION TO COMPLY WITH ASTM A 153, CLASS B-2 OR B-3, AS APPLICABLE.
    b. POST-INSTALLED FASTENERS FOR CONCRETE AND MASONRY METAL TIES: TORQUE- CONTROLLED EXPANSION ANCHORS, MADE FROM STAINLESS-STEEL COMPONENTS COMPLYING WITH ASTM F 593 AND ASTM F 594, ALLOY GROUP 1 OR 2 FOR BOLTS AND NUTS; ASTM A 666, TYPE 304 FOR ANCHORS.

23. ROUND PLASTIC DRAIN PIPE: PVC PIPE, SCHEDULE 40 OF SIZE INDICATED ON DRAWINGS.

C. SETTING AND ANCHORING STONE MASONRY VENEER.

1. MIX MORTAR IN CLEAN, POWER-DRIVEN, DRUM TYPE MIXERS. OPERATE MIXER THREE TO FIVE (3-5) MINUTES AFTER ADDITION OF ALL MATERIALS.

2. MIX GROUT IN ACCORDANCE WITH ASTM C 94.

3. ADDITION OF ANTI-FREEXE INGREDIENTS, WILL NOT BE PERMITTED.

4. THICKNESS: BUILD CAVITY AND COMPOSITE WALLS AND OTHER STONE MASONRY CONSTRUCTION TO THE FULL THICKNESS SHOWN.

5. SELECT AND ARRANGE UNITS FOR EXPOSED STONE MASONRY VENEER TO PRODUCE A UNIFORM BLEND OF COLORS AND TEXTURES.

6. ARRANGE STONES FOR GOOD FIT, IN PATTERN INDICATED, WITH JOINT WIDTHS WITHIN TOLERANCES INDICATED. ARRANGE STONES FOR UNIFORMITY OF APPEARANCE, WITH COLOR AND SIZE VARIATIONS UNIFORMLY DISPERSED FOR AND EVENLY BLENDED APPEARANCE.

7. MAINTAIN UNIFORM JOINT WIDTHS, EXCEPT FOR VARIATIONS DUE TO STONE SIZE VARIATIONS AND MINOR VARIATION REQUIRED TO MAINTAIN BOND ALIGNMENT, IF ANY. LAY WALLS WITH JOINT WIDTH OF 3/8 TO 5/8 INCH.

8. PROVIDE EXPANSION, CONTROL, AND PRESSURE-RELIEVING JOINTS OF WIDTHS AND LOCATIONS INDICATED.
    a. DO NOT FILL EXPANSION JOINTS WITH MORTAR.
    b. INSTALL CONTINUOUS STRIPS OF PREFORMED JOINT FILLER IN EXPANSION JOINTS TO ALLOW FOR INSTALLATION OF SEALANT.

9. LAY STONE MASONRY VENEER WITH FULL MORTAR COVERAGE ON HORIZONTAL AND VERTICAL FACE.

10. ALL STONE SHALL BE LAID IN HORIZONTAL FASHION. JOINTS SHALL BE VERTICAL AND HORIZONTAL. VERTICAL JOINTS SHALL EXTEND NO MORE THAN TWO (2) STONES HIGH. HORIZONTAL JOINTS SHALL EXTEND NO MORE THAN THREE (3) STONES IN LENGTH. SET STONES ON THEIR WIDESET BED.

11. DRY-STACK WALLS: "FACE" SHALL BE "STACKED" WITH NO MORTAR VISIBLE. MINIMUM TWO (2) INCH REVEAL BETWEEN WALL FACE AND MORTAR (TWO (2) INCH RAKE). RAKE JOINTS NOT NECESSARY BELOW FINISHED GRADE.

12. ALL WALLS SHALL HAVE A STONE CAP. JOINTS ON THE TOP OF THE WALL SHALL BE FLUSH WITH THE STONE AS TO PREVENT PONDING OF WATER ON THE WALL.

13. FORM TOPS OF WALLS TRUE TO LINE WITH CUBIC SHAPED STONES. NO SMALL STONES OR MORTAR WILL BE ALLOWED TO BRING WALL TOPS TO PROPER LINE.

14. ANCHOR STONE MASONRY VENEER TO CONCRETE WITH METAL TIES FASTENED TO CONCRETE WITH STAINLESS STEEL POST-INSTALLED EXPANSION ANCHORES TO COMPLY WITH THE FOLLOWING:
    a. EMBED TIES IN MORTAR JOINT TO WITHIN 1 INCH (25 MM) OF FACE.
    b. SPACE TIES AS INDICATED, BUT NOT MORE THAN SIXTEEN INCHES O.C. VERTICALLY AND EIGHTEEN INCHES HORIZONTALLY. INSTALL ADDITIONAL TIES WITHIN TWELVE INCHES OF OPENINGS AND AT INTERVALS AROUND PERIMETER NOT EXCEED 12 INCHES.
    c. POST- INSTALLED ANCHORS IN CONCRETE: CAPABLILTY TO SUSTAIN, WITHOUT FAILURE, A LOAD EQUAL TO FOUR (4) TIMES THE LOAD IMPOSED.

15. ANCHOR STONE MASONRY VENEER TO UNIT MASONRY WITH METAL TIES EMBEDDED IN HORIZONTAL MORTAR JOINTS OF UNIT MASONRY TO COMPLY WITH THE FOLLOWING:
    a. EMBED TIES IN VENEER MORTAR TO WITHIN 1 INCH OF FACE.
    b. EMBED CORRUGATED METAL TIES IN UNIT MASONRY MORTAR JOINTS FOR DISTANCE AT LEAST ONE-HALF (1/2) OF VENEER THICKNESS.

16. SET STONE IN FULL BED OF MORTAR WITH FULL HEAD JOINTS, UNLESS OTHERWISE INDICATED. BUILD ANCHORS AND TIES INTO MORTAR JOINTS AS STONE IS SET.

17. INSTALL CONTROL AND EXPANSION JOINTS IN STONE MASONRY VENEER WHERE INDICATED. BUILD-IN RELATED ITEMS AS MASONRY PROGRESSES. DO NOT FORM A CONTINUOUS SPAN THROUGH MOVEMENT JOINTS.

18. REMOVE AND REPLACE STONE MASONRY VENEER THAT ARE LOOSE, CHIPPED, BROKEN, STAINED OR OTHERWISE DAMAGED OR IF UNITS DO NOT MATCH ADJOINING UNITS. INSTALL NEW VENEER TO MATCH ADJOINING VENEER; INSTALL IN FRESH MORTAR, POINTED TO ELIMINATE EVIDENCE OF REPLACEMENT.

19. IN-PROGRESS CLEANING: CLEAN STONE MASONRY VENEER AS WORK PROGRESSES BY DRY BRUSHING TO REMOVE MORTAR FINS AND SMEARS BEFORE TOOLING JOINTS.

20. FINAL CLEANING: AFTER MORTAR IS THOROUGHLY SET AND CURED, CLEAN STONE MASONRY VENEER AS FOLLOWS:
    a. CLEAN BRICK BY THE BUCKET-AND-BRUSH HAND CLEANING METHOD DESCRIBED IN BIA TECHNICAL NOTES NO. 20, USING JOB-MIXED DETERGENT SOLUTION.

6 Executive Park Drive
Suite 300
Atlanta, GA 30329
www.hgor.com
p. 404-248-1960
f. 404-248-1092

HGOR
PLANNERS LANDSCAPE ARCHITECTS

REVISIONS

NO.	DATE	ISSUE
△		
△		
△		
△		
△		
△		

All Saints Catholic Church
Dunwoody, GA

All Saints Catholic Church
Dunwoody, GA

TITLE
HARDSCAPE DETAILS

DATE	7/10/08
JOB NO.	08020
DWG FILE	08020HD1
DRAWN BY	MM
CHECKED	KL
SCALE	1"=10'-0"
SHEET	HS-15

NOT RELEASED FOR CONSTRUCTION

Last modified on 07/10/08 by KEITH
File located in S:\2008\08020\Graphics\W-Details\Hardscape\ 08020HD1.dwg

SECTION 06100
WOOD CONSTRUCTION:

A. GENERAL:

1. REFERENCE TO STANDARD SPECIFICATIONS OR CODES SHALL MEAN THE LATEST STANDARD OR CODE ADOPTED AND PUBLISHED.

2. ALL CONSTRUCTION SHALL CONFORM TO THE STANDARD BUILDING CODE (SBC).

3. INSPECTION AGENCIES: INSPECTION AGENCIES AND THE ABBREVIATIONS USED TO REFERENCE THEM WITH LUMBER GRADES AND SPECIES INCLUDE THE FOLLOWING:

   a. SOUTHERN PINE INSPECTION BUREAU (SPIB): STANDARD RULES FOR SOUTHERN PINE LUMBER.

   b. WEST COAST LUMBER INSPECTION BUREAU (WCLIB): STANDARD GRADING RULES FOR WEST COAST LUMBER, NO. 17.

   c. WESTERN WOOD PRODUCTS ASSOCIATION (WWPA): WESTERN LUMBER GRADING RULES.

4. GRADE STAMPS: PROVIDE LUMBER WITH EACH PIECE FACTORY-MARKED WITH GRADING RULE REQUIREMENTS AND IDENTIFYING GRADING AGENCY, GRADE, SPECIES, MOISTURE CONTENT AT TIME OF SURFACING, AND MILL.

5. SUBMITTALS: PRODUCT DATA FOR EACH TYPE OF PROCESS AND FACTORY-FABRICATED PRODUCT, FOR INFORMATION ONLY. INDICATE COMPONENT MATERIALS AND DIMENSIONS AND INCLUDE CONSTRUCTION AND APPLICATION DETAILS.

   a. INCLUDE DATA FOR WOOD-PRESERVATION TREATMENT FROM CHEMICAL TREATMENT MANUFACTURER AND CERTIFICATION BY TREATING PLANT THAT TREATED MATERIALS COMPLY WITH REQUIREMENTS. INDICATE TYPE OF PRESERVATIVE USED, NET AMOUNT OF PRESERVATIVE RETAINED, AND CHEMICAL TREATMENT MANUFACTURER'S WRITTEN INSTRUCTIONS FOR HANDLING, STORING, INSTALLING, AND FINISHING TREATED MATERIAL.

   b. FOR PRODUCTS RECEIVING A WATERBORNE TREATMENT, INCLUDE STATEMENT THAT MOISTURE CONTENT OF TREATED MATERIALS WAS REDUCED TO LEVELS SPECIFIED BEFORE SHIPMENT TO PROJECT SITE.

   c. INCLUDE COPIES OF WARRANTIES FROM CHEMICAL TREATMENT MANUFACTURERS FOR EACH TYPE OF TREATMENT.

   d. SUBMIT SHOP DRAWINGS STAMPED BY A STRUCTURAL ENGINEER LICENSED TO PRACTICE IN JURISDICTION OF PROJECT SITE, SHOWING FULL DIMENSIONS OF EACH MEMBER INCLUDING LARGE SCALE DETAILS OF CONNECTORS, CONNECTIONS, AND OTHER ACCESSORIES. INDICATE SPECIES, ADHESIVE TYPE, LAMINATING COMBINATIONS, LOADING, ASSUMED DESIGN VALUES AND STRUCTURAL CALCULATIONS.

6. VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS PRIOR TO COMMENCING WORK. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCY.

7. NOTIFY THE LANDSCAPE ARCHITECT IN WRITING OF CONDITIONS ENCOUNTERED IN THE FIELD CONTRADICTORY TO THOSE SHOWN ON THE DRAWINGS.

8. THE DRAWINGS INDICATE DESIGN INTENT ONLY. THEY DO NOT REFLECT AND/OR DEPICT STRUCTURAL DESIGN. THE CONTRACTOR IS RESPONSIBLE FOR THE STRUCTURAL DESIGN OF THE STRUCTURES INDICATED ON THE DRAWINGS SO THEY MEET THE REFERENCED STANDARDS AND THE BUILDING CODES HAVING JURISDICTION.

9. PERFORMANCE REQUIREMENTS: STRUCTURAL PERFORMANCE OF STRUCTURAL GLUED LAMINATED UNITS SHALL BE THE MANUFACTURERS RESPONSIBILITY. ENGINEER, FABRICATE, AND INSTALL STRUCTURAL GLULAM TIMBERS TO WITHSTAND STRUCTURAL LOADS SHOWN ON DRAWINGS WITHOUT EXCEEDING THE ALLOWABLE DESIGN WORKING STRESSES ACCORDING TO AMERICAN INSTITUTE OF TIMBER CONSTRUCTION (AITC) 117 - "DESIGN".

B. WOOD PRODUCTS:

1. LUMBER: COMPLY WITH REQUIREMENTS OF DOC PS 20-70 "AMERICAN SOFTWOOD LUMBER STANDARD" AND WITH APPLICABLE RULES OF LUMBER GRADING AGENCIES BY AMERICAN LUMBER STANDARDS COMMITTEE (ALSC) BOARD OF REVIEW.

   a. FACTORY MARK EACH PIECE OF LUMBER WITH GRADE STAMP OF GRADING AGENCY.

   b. FOR EXPOSED LUMBER INDICATED TO RECEIVE A STAIN OR NATURAL FINISH, MARK GRADE STAMP ON END OR BACK OF EACH PIECE.

   c. WHERE NOMINAL SIZES ARE INDICATED, PROVIDE ACTUAL SIZES REQUIRED BY DOC PS 20, FOR MOISTURE CONTENT SPECIFIED. WHERE ACTUAL SIZES ARE INDICATED, THEY ARE MINIMUM DRESSED SIZES FOR DRY LUMBER.

   d. PROVIDE DRESSED LUMBER, S4S, UNLESS OTHERWISE INDICATED.

   e. PROVIDE DRY LUMBER WITH 19 PERCENT MAXIMUM MOISTURE CONTENT AT TIME OF DRESSING FOR 2 INCH NOMINAL THICKNESS OR LESS, UNLESS OTHERWISE INDICATED.

2. DIMENSION LUMBER: PROVIDE DIMENSION LUMBER OF GRADES INDICATED ACCORDING TO THE AMERICAN LUMBER STANDARDS COMMITTEE NATIONAL GRADING RULE PROVISIONS OF THE GRADING AGENCY INDICATED.

   a. EXPOSED EXTERIOR FRAMING AND BOARDS: PROVIDE WESTERN RED CEDAR; WWPA, A GRADE MATERIAL HAND-SELECTED FOR UNIFORMITY OF APPEARANCE AND FREE FROM CHARACTERISTICS THAT WOULD IMPAIR FINISH APPEARANCE.

   b. LUMBER TRIM: PROVIDE FINISHED WESTERN RED CEDAR, WWPA OR WCLIB, A GRADE, SURFACED (SMOOTH) TEXTURE, SOLID LUMBER STOCK.

C. WOOD PRESERVATIVE - TREATED MATERIALS:

1. PRESERVATIVE TREATMENT BY PRESSURE PROCESS: AWPA C2 (LUMBER), EXCEPT THAT LUMBER THAT IS NOT IN CONTACT WITH THE GROUND AND IS CONTINUOUSLY PROTECTED FROM LIQUID WATER MAY BE TREATED ACCORDING TO AWPA C31 WITH INORGANIC BORON (SBX).

   a. ALTERNATIVE PRESERVATIVE CHEMICALS: ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION AND THE FOLLOWING:

      1). AMMONIACAL COPPER CITRATE (CC).

   b. FOR EXPOSED ITEMS INDICATED TO RECEIVE A STAINED OR NATURAL FINISH, USE CHEMICAL FORMULATIONS THAT DO NOT REQUIRED INCISING, CONTAIN COLORANTS, BLEED THROUGH OR OTHERWISE ADVERSELY AFFECT FINISHES.

2. KILN-DRY MATERIAL AFTER TREATMENT TO A MAXIMUM MOISTURE CONTENT OF 19 PERCENT FOR LUMBER. DO NOT USE MATERIAL THAT IS WARPED OR DOES NOT COMPLY WITH REQUIREMENTS FOR UNTREATED MATERIAL.

3. MARK EACH TREATED ITEM WITH THE TREATMENT QUALITY MARK OF AN INSPECTION AGENCY APPROVED BY THE AMERICAN LUMBER STANDARDS COMMITTEE BOARD OF REVIEW.

   a. FOR EXPOSED LUMBER INDICATED TO RECEIVE A STAINED OR NATURAL FINISH, MARK END OR BACK OF EACH PIECE.

D. FASTENERS AND ANCHORAGES:

1. PROVIDE NAILS, SCREWS, AND OTHER ANCHORING DEVICES OF THE TYPE, SIZE, MATERIAL AND FINISH REQUIRED FOR APPLICATION INDICATED TO PROVIDE SECURE ATTACHMENT.

2. PROVIDE FASTENERS INCLUDING BOLTS AND WELDED STEEL ASSEMBLIES WITH A HOT-DIPPED ZINC COATING PER ASTM A 153 FOR CARPENTRY EXPOSED TO WEATHER, IN GROUND CONTACT, OR IN AREAS WITH HIGH RELATIVE HUMIDITY.

3. PROVIDE METAL FRAMING ANCHORS OF HOT-DIP, ZINC-COATED STEEL SHEET COMPLYING WITH ASTM A 653, G 60 COATING DESIGNATION.

4. FABRICATE FROM STRUCTURAL STEEL SHAPES, PLATES AND BARS COMPLYING WITH ASTM A 36 AND FABRICATE INTO ASSEMBLIES OF TYPES AND SIZES INDICATED. PROVIDE BOLTS COMPLYING WITH ASTM A 307, GRADE A, NUTS COMPLYING WITH ASTM A 563 AND FLAT WASHERS AS REQUIRED FOR INSTALLATION. HOT-DIP GALVANIZE EACH ASSEMBLY AND FASTENER AFTER FABRICATION TO COMPLY WITH ASTM A 153.

E. INSTALLATION AND FABRICATION:

1. SET CARPENTRY TO REQUIRED LEVELS AND LINES, WITH MEMBERS PLUMB AND TRUE TO LINE, CUT AND FITTED. FIT CARPENTRY TO OTHER CONSTRUCTION; SCRIBE AND COPE AS NEEDED FOR ACCURATE FIT. LOCATE NAILERS, BLOCKING, GROUNDS, AND SIMILAR SUPPORTS TO COMPLY WITH REQUIREMENTS FOR ATTACHING OTHER CONSTRUCTION.

2. SECURELY ATTACH CARPENTRY WORK AS INDICATED AND ACCORDING TO APPLICABLE CODES AND RECOGNIZED STANDARDS.

3. USE FASTENERS OF APPROPRIATE TYPE AND LENGTH. PREDRILL MEMBERS WHEN NECESSARY TO AVOID SPLITTING WOOD.

4. COMPLY WITH ANSI/AITC A 190.1 IN PROVIDING GLUCOMINATED UNITS INDICATED; WHERE DIMENSIONS ARE NOT COMPLETELY DOCUMENTED, PROVIDE MANUFACTURER'S STANDARD SIZES AND SHAPES REQUIRED TO FULFILL INDICATED PERFORMANCES.

GENERAL LAYOUT NOTES:

1. DO NOT SCALE THESE DRAWINGS.
2. UTILITY WORK IS NOT INDICATED ON THIS DRAWING. REFER TO CIVIL DRAWINGS FOR WORK RELATED TO UTILITES.
3. ALL CURVES TO BE TRUE RADII WITHOUT STRAIGHT SEGMENTS.
4. ALL ANGLES ARE 90 DEGREES UNLESS OTHERWISE NOTED.
5. DIMENSIONS ARE FROM BACK OF CURB, TO FACE OF WALL, TO OUTSIDE EDGE OF PAVEMENTS, FROM COLUMN CENTERLINES TO HARDSCAPE CENTERLINES, TO CENTERLINE OF PAVEMENTS, TO OUTSIDE EDGE OF PAVEMENTS, TO CENTERLINES OF STAIRS; FROM EDGE OF PAVEMENT TO FACE OF WALL.
6. CHANGES IN LAYOUT MAY BE MADE AT THIS TIME TO ACCOMMODATE DESIGN INTENT OR FIELD CONDITIONS. NO ADDITIONAL PAYMENT WILL BE MADE TO THE CONTRACTOR FOR THIS WORK.
7. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS PRIOR TO CONSTRUCTION.
8. NOTIFY THE OWNER OR LANDSCAPE ARCHITECT IN WRITING OF CONDITIONS ENCOUNTERED IN THE FIELD CONTRADICTORY TO THOSE SHOWN ON THE DRAWINGS.
9. ALL WALLS, COLUMNS, SIDEWALKS, PATHWAYS, FENCES, AND STAIRWAYS SHALL BE COMPLETELY LAID OUT AND STAKED WITH VISIBLE MARKERS. THE STAKES SHALL BE APPROVED IN THE FIELD BY LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT 48 HOURS PRIOR TO SITE VISIT.
10. BENCH AND LITTER RECEPTACLE LAYOUT SHOWN IS APPROXIMATE. LAYOUT TO BE APPROVED IN THE FIELD BY LANDSCAPE ARCHITECT.

6 Executive Park Drive
Suite 300
Atlanta, GA 30329
www.lgor.com
p. 404-248-1900
f. 404-248-1092

LGOR
PLANNERS & LANDSCAPE ARCHITECTS

REVISIONS

NO.	DATE	ISSUE
△		
△		
△		
△		
△		
△		

All Saints Catholic Church
Dunwoody, GA

All Saints Catholic Church
Dunwoody. GA

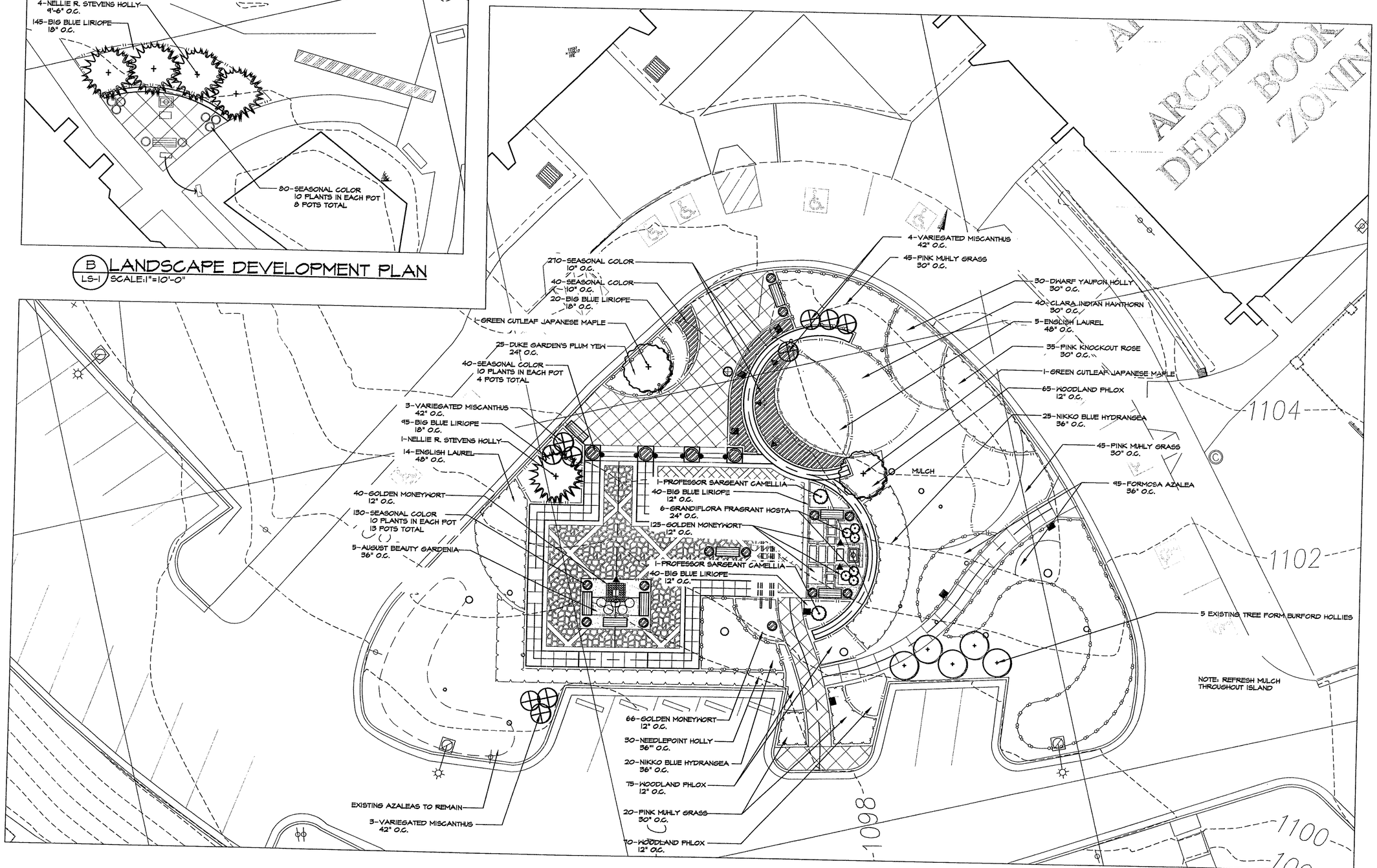
TITLE
HARDSCAPE DETAILS

DATE	7/10/08
JOB NO.	08020
DWG FILE	08020HD1
DRAWN BY	MM
CHECKED	KL
SCALE	1"=10'-0"
SHEET	HS-16

NOT RELEASED FOR CONSTRUCTION

Last modified on 07/10/08 by KEITH
File located in S:\2008\08020\Graphics\W-Details\Hardscape\ 08020HD1.dwg

B LS-1 LANDSCAPE DEVELOPMENT PLAN
SCALE:1"=10'-0"



A LS-1 LANDSCAPE DEVELOPMENT PLAN
SCALE:1"=10'-0"

6 Executive Park Drive
Suite 300
Atlanta, GA 30329
www.hgor.com
p. 404-248-1960
f. 404-248-1092

HGOR
PLANNERS & LANDSCAPE ARCHITECTS

REVISIONS

NO.	DATE	ISSUE
△		
△		
△		
△		
△		
△		

All Saints Catholic Church
Dunwoody, GA

All Saints Catholic Church
Dunwoody, GA

TITLE
LANDSCAPE DEVELOPMENT PLAN

DATE	7/10/08
JOB NO.	08020
DWG FILE	08020LW1
DRAWN BY	ST
CHECKED	KL
SCALE	1"=10'-0"
SHEET	LS -1

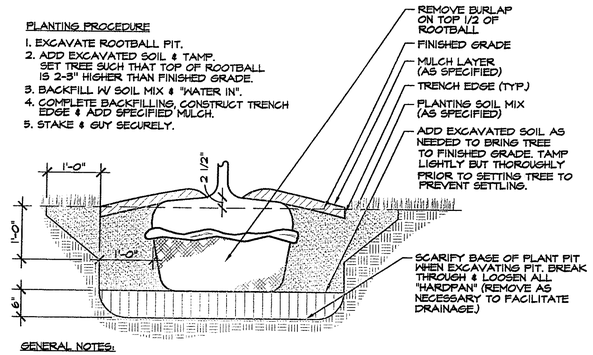
1 OF 4

NOT RELEASED FOR CONSTRUCTION

Last modified on 07/10/08 by KEITH
File located in S:\2008\08020\Graphics\W-Landscape\ 08020LW1.dwg

PLANTING PROCEDURE

1. EXCAVATE ROOTBALL PIT.
2. ADD EXCAVATED SOIL & TAMP. SET TREE SUCH THAT TOP OF ROOTBALL IS 2-3" HIGHER THAN FINISHED GRADE.
3. BACKFILL W/ SOIL MIX & "WATER IN".
4. COMPLETE BACKFILLING, CONSTRUCT TRENCH EDGE & ADD SPECIFIED MULCH.
5. STAKE & GUY SECURELY.



GENERAL NOTES:

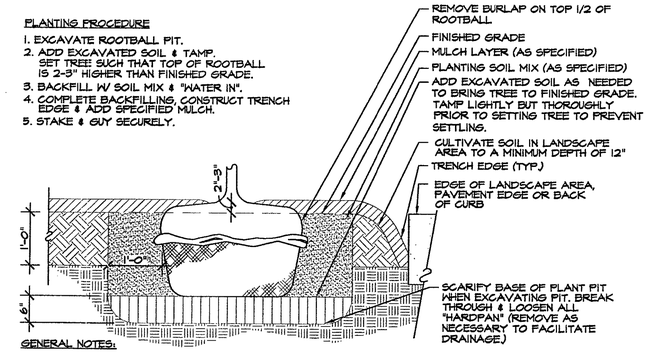
1. SEE SPECIFICATIONS FOR DRAINAGE TEST REQUIREMENTS PRIOR TO PLANTING. SEC. 02900.
2. DO NOT ALLOW AIR POCKETS TO FORM WHEN BACKFILLING.
3. IMMEDIATELY SOAK WITH WATER.
4. DO NOT BREAK ROOTBALL.

A / LS-2 TYPICAL TREE ROOTBALL PIT

SCALE:3/4"=1'-0"
FILE NAME:LAPL001

PLANTING PROCEDURE

1. EXCAVATE ROOTBALL PIT.
2. ADD EXCAVATED SOIL & TAMP. SET TREE SUCH THAT TOP OF ROOTBALL IS 2-3" HIGHER THAN FINISHED GRADE.
3. BACKFILL W/ SOIL MIX & "WATER IN".
4. COMPLETE BACKFILLING, CONSTRUCT TRENCH EDGE & ADD SPECIFIED MULCH.
5. STAKE & GUY SECURELY.

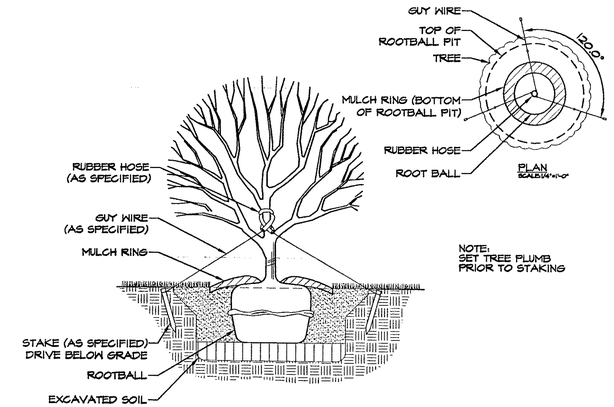


GENERAL NOTES:

1. SEE SPECIFICATIONS FOR DRAINAGE TEST REQUIREMENTS PRIOR TO PLANTING. SEC. 02900.
2. DO NOT ALLOW AIR POCKETS TO FORM WHEN BACKFILLING.
3. IMMEDIATELY SOAK WITH WATER.
4. DO NOT BREAK ROOTBALL.

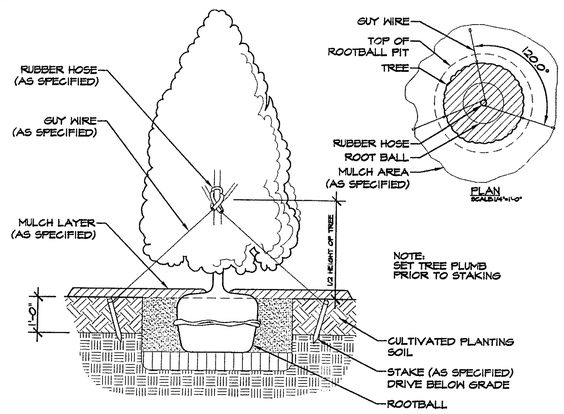
B / LS-2 TYPICAL TREE ROOTBALL PIT IN CULTIVATED AND MULCHED PLANTING AREA

SCALE:3/4"=1'-0"
FILE NAME:LAPL002



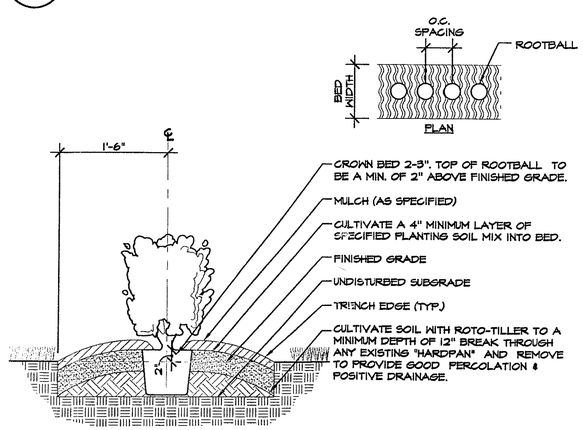
C / LS-2 FLOWERING TREE STAKING AND GUYING

SCALE:1/2"=1'-0"
FILE NAME:LAPL004



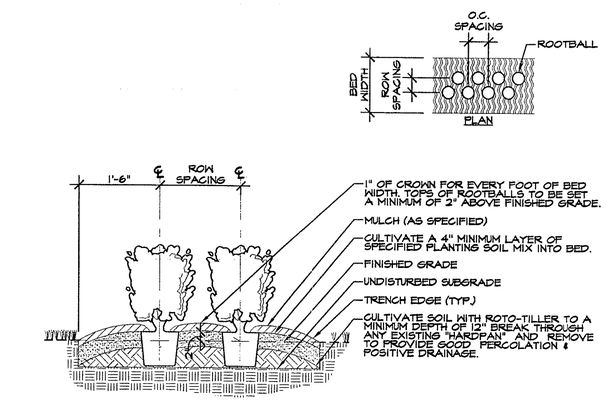
D / LS-2 EVERGREEN TREE STAKING AND GUYING IN CULTIVATED AND MULCHED PLANTING AREA

SCALE:1/2"=1'-0"
FILE NAME:LAPL003



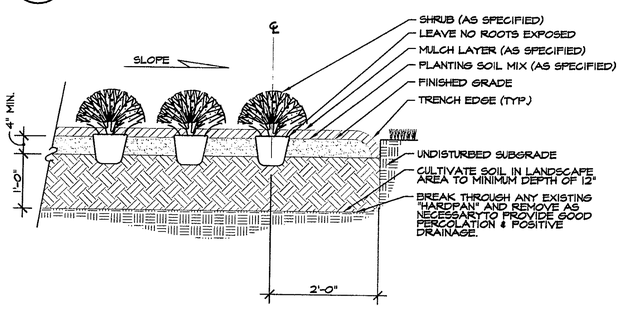
E / LS-2 HEDGE PLANTING (SINGLE ROW)

SCALE:1"=1'-0"
FILE NAME:LAPL004



F / LS-2 HEDGE PLANTING (DOUBLE ROW)

SCALE:3/4"=1'-0"
FILENAME:LAPL030

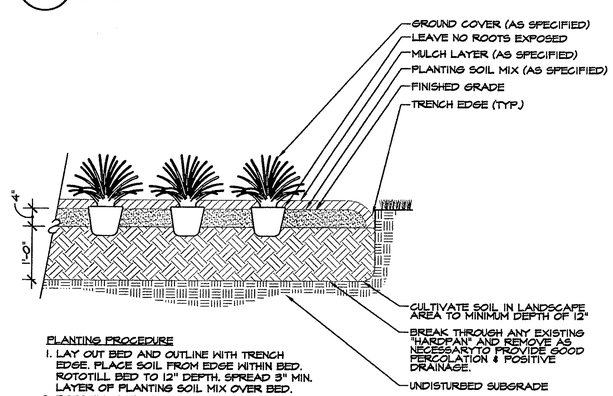


PLANTING PROCEDURE

1. LAY OUT BED AND OUTLINE WITH TRENCH EDGE. PLACE SOIL FROM EDGE WITHIN BED.
2. ROTOTILL BED TO 12" DEPTH. SPREAD 4" MIN. LAYER OF PLANTING SOIL MIX OVER BED. ROTOTILL SOIL MIX INTO TOP OF BED.
3. INSTALL PLANTS & MULCH. WATER THOROUGHLY.

G / LS-2 SHRUB PLANTING

SCALE:3/4"=1'-0"
FILE NAME:LAPL023

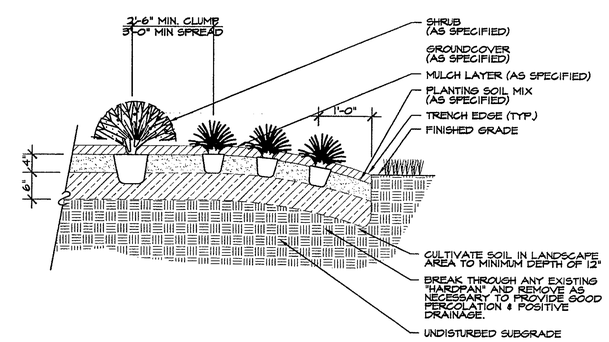


PLANTING PROCEDURE

1. LAY OUT BED AND OUTLINE WITH TRENCH EDGE. PLACE SOIL FROM EDGE WITHIN BED. ROTOTILL BED TO 12" DEPTH. SPREAD 3" MIN. LAYER OF PLANTING SOIL MIX OVER BED.
2. ROTOTILL SOIL MIX INTO TOP OF BED. INSTALL PLANTS & MULCH. WATER THOROUGHLY.

H / LS-2 GROUNDCOVER PLANTING

SCALE:3/4"=1'-0"
FILE NAME: LAPL028



I / LS-2 GROUNDCOVER BED (FRONTING SHRUB BED)

SCALE: 3/4"=1'-0"
FILE NAME: LAPL-029

6 Executive Park Drive
Suite 300
Atlanta, GA 30329
www.hgor.com
p. 404-248-1960
f. 404-248-1092

HGOR
PLANNERS LANDSCAPE ARCHITECTS

REVISIONS

NO.	DATE	ISSUE
△		
△		
△		
△		
△		
△		

All Saints Catholic Church
Dunwoody, GA

All Saints Catholic Church
Dunwoody. GA

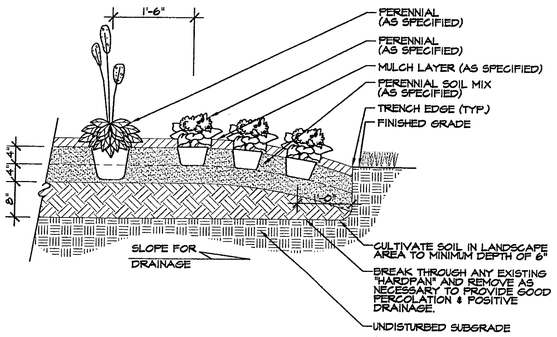
TITLE
LANDSCAPE DETAILS

DATE	7/10/08
JOB NO.	08020
DWG FILE	08020LD1
DRAWN BY	MM
CHECKED	KL
SCALE	1"=10'-0"
SHEET	LS -2

2 OF 4

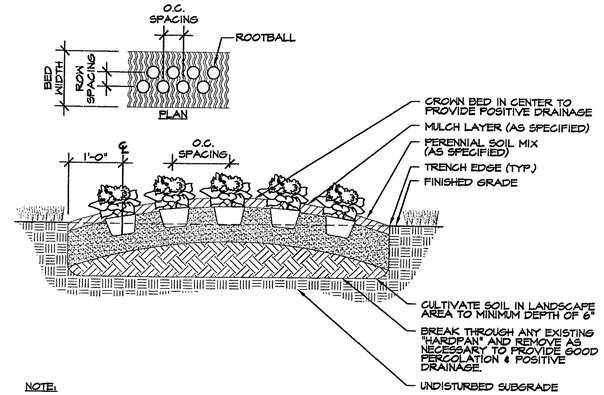
NOT RELEASED FOR CONSTRUCTION

Last modified on 07/10/08 by KEITH
File located in S:\2008\08020\Graphics\W-Details\Landscape\ 08020LD1.dwg



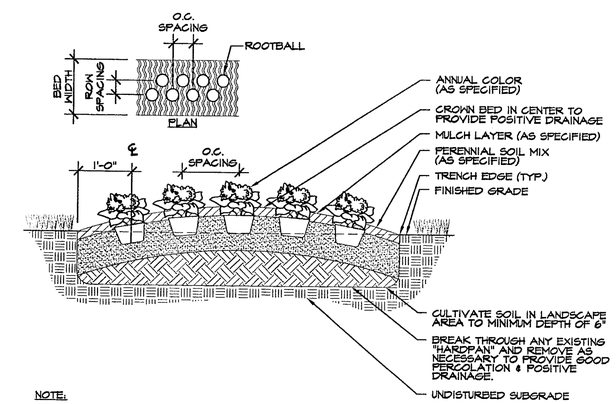
NOTE:
FOR PROPER PLANTING PROCEDURE OF PERENNIAL BEDS, REFER TO "ANNUAL COLOR AND PERENNIAL PLANTING" NOTES.

A / LS-3 MASS PERENNIAL BED PLANTING
SCALE: 3/4"=1'-0"
FILE NAME: LAPLO36



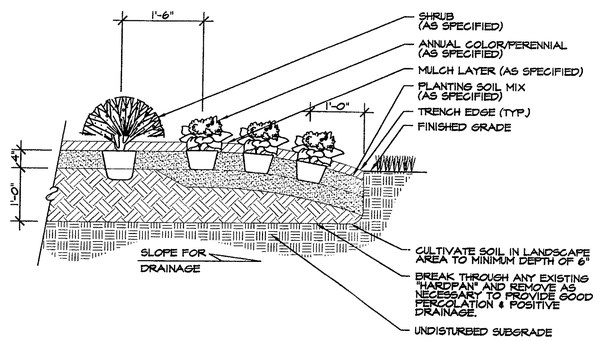
NOTE:
FOR PROPER PLANTING PROCEDURE OF PERENNIAL BEDS, REFER TO "ANNUAL COLOR AND PERENNIAL PLANTING" NOTES.

B / LS-3 PERENNIAL BED PLANTING INDIVIDUAL SPECIES
SCALE: 3/4"=1'-0"
FILE NAME: LAPLO35



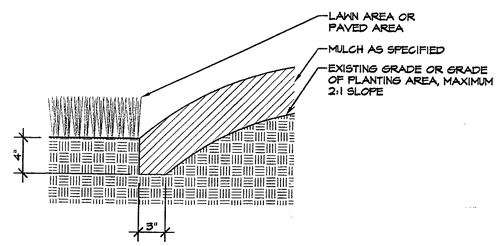
NOTE:
FOR PROPER PLANTING PROCEDURE OF ANNUAL COLOR BEDS, REFER TO "ANNUAL COLOR AND PERENNIAL PLANTING" NOTES.

C / LS-3 ANNUAL COLOR BED PLANTING
SCALE: 3/4"=1'-0"
FILE NAME: LAPLO37



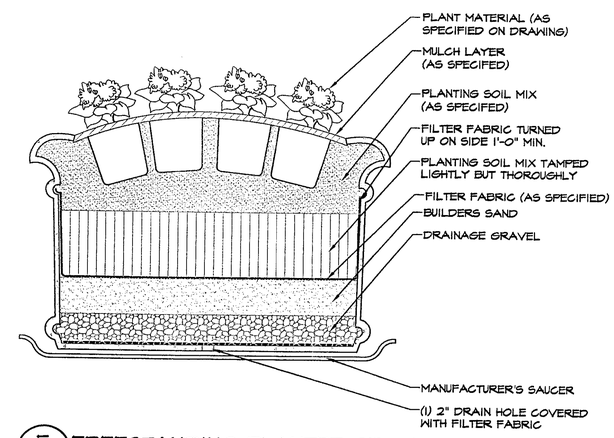
NOTE:
FOR PROPER PLANTING PROCEDURE OF ANNUAL COLOR, REFER TO "ANNUAL COLOR AND PERENNIAL PLANTING" NOTES.

D / LS-3 ANNUAL COLOR/ PERENNIAL BED (FRONTING SHRUB BED)
SCALE: 3/4"=1'-0"
FILE NAME: LAPLO38



NOTE:
1. TRENCH EDGE DETAIL SHALL BE USED AT ALL LAWN EDGES & AT EDGES OF MULCHED AREAS (FOR CONTAINMENT).
2. TRENCH EDGE SHALL CREATE A CLEAN SEPARATION BETWEEN AREAS; & SHALL CREATE SMOOTH & EVEN LINES (AS INDICATED ON THE PLANS).

E / LS-3 TRENCH EDGE DETAIL
SCALE: 1 1/2" =1'-0"
FILE NAME: LAPLO42



F / LS-3 FREESTANDING PLANTER SECTION
SCALE: 1"=1'-0"
FILE NAME: LAPLO41

Note .	Quantity	Botanical Name	Common Name	Caliper	Height	Spread	Root	Comment
	2	Acer palmatum v. dissectum	Green Cutleaf Japanese Maple	1-1.5"	3'-3.6'	3'-3.6'	B&B/cont.	Dense, dome-shaped head; well branched throughout
	5	Ilex x 'Nellie R. Stevens'	Nellie R. Stevens Holly	3-3.5"	9-10'	4-5'	B&B	Full to ground; dense foliage; straight, tightly pruned pyramidal form
	2	Camellia japonica 'Professor Sargent'	Professor Sargent Camellia		18-24"	12-15'	3 gal	Dense form; good color; well rooted in pot
	25	Cephalotaxus harringtonia 'Duke Gardens'	Duke Gardens Plum Yew		24-30'	24-30'	3 gal	Dense form; good color; well rooted in pot
	5	Gardenia jasminoides 'August Beauty'	August Beauty Gardenia		18-24"	18-24"	3 gal	Dense form; good color; well rooted in pot
	45	Hydrangea macrophylla 'Nikko Blue'	Nikko Blue Hydrangea		15-18"	15-18"	3 gal	Dense branching; well rooted in pot; self supporting stems
	30	Ilex cornuta 'Needlepoint'	Needlepoint Holly		21-24"	15-18"	3 gal	Dense form; good color; well rooted in pot
	30	Ilex vomitoria 'Nana'	Dwart Yaupon Holly		12-15'	12-15'	3 gal	Dense form; good color; well rooted in pot
	32	Prunus laurocerasus	English Laurel		24-30'	18-24"	3 gal	Dense form; good color; well rooted in pot
	40	Rhaphiolepis indica 'Clara'	Clara Indian Hawthorn		12-15'	15-18"	3 gal	Dense form; good color; well rooted in pot
	45	Rhododendron x 'Formosa'	Formosa Azalea		15-18"	15-18"	3 gal	Dense form; good color; well rooted in pot
	35	Rosa x 'Radcon'	Pink Knock Out Rose		12-15'	15-18"	3 gal	Dense branching; well rooted in pot; self supporting stems
	339	Liriope muscari 'Big Blue'	Big Blue Liriope				1 gal	Full in pot; good color; dense foliage mass
	231	Lysimachia nummularia 'Aurea'	Golden Moneywort				1 gal	Full in pot; good color; dense foliage mass
	6	Hosta plantiginea 'Grandiflora'	Grandiflora Fragrant Hosta				1 gal	Full growth for container size; healthy color; full dense root system
	10	Miscanthus sinensis 'Variegatus'	Variegated Miscanthus		21-24"	12-15'	3 gal	Full in pot; well rooted; dense clump
	110	Muhlenbergia capillaris	Pink Muhly Grass				1 gal	Full in pot; well rooted; dense clump
	210	Phlox divaricata	Woodland Phlox				1 gal	Well rooted in pot; dense compact growth
	560		Seasonal Color				4" pot (1 pint)	Full in pot; free of rot & disease

6 Executive Park Drive
Suite 300
Atlanta, GA 30329
www.hgor.com
p. 404-248-1900
f. 404-248-1092
HGOR
PLANNERS & LANDSCAPE ARCHITECTS

REVISIONS

NO.	DATE	ISSUE

All Saints Catholic Church
Dunwoody, GA

All Saints Catholic Church
Dunwoody, GA

TITLE
LANDSCAPE DETAILS

DATE	7/10/08
JOB NO.	08020
DWG FILE	08020LD1
DRAWN BY	MM
CHECKED	KL
SCALE	1"=10'-0"
SHEET	LS -3

3 OF 4

NOT RELEASED FOR CONSTRUCTION

Last modified on 07/10/08 by KEITH
File located in S:\2008\08020\Graphics\W-Details\Landscape\ 08020LD1.dwg

GENERAL PLANTING NOTES:

1. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL MATERIAL QUANTITIES SHOWN ON THESE DRAWINGS BEFORE PRICING THE WORK.
2. PROVIDE PLANT MATERIALS TRUE TO SPECIES AND VARIETY COMPLYING WITH RECOMMENDATIONS OF "AMERICAN STANDARD FOR NURSERY STOCK" BY THE AMERICAN ASSOCIATION OF NURSERY MEN.
3. THE LANDSCAPE CONTRACTOR SHALL COMPLETELY WARRANTY ALL PLANT MATERIAL FOR A PERIOD OF ONE (1) YEAR BEGINNING AT THE DATE OF SUBSTANTIAL COMPLETION. THE LANDSCAPE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS BEFORE OR AT THE END OF THE WARRANTY PERIOD (AS DIRECTED BY THE OWNER).
4. ANY PLANT MATERIAL WHICH DIES, TURNS BROWN OR DEFOLIATES (PRIOR TO DATE OF SUBSTANTIAL COMPLETION OF THE WORK) SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY, SIZE AND MEETING ALL THE PLANT LIST SPECIFICATIONS.
5. LOCATE AND VERIFY ALL UTILITY LOCATIONS AND EXISTING STRUCTURES IN AND AROUND THE SITE PRIOR TO WORK. MAINTAIN EXISTING UTILITIES AND STRUCTURES AND PROTECT AGAINST DAMAGE DURING THE WORK.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES TO EXISTING UTILITIES, STRUCTURES, PAVING AND/OR WORK OF OTHER TRADES RESULTING FROM LANDSCAPE CONSTRUCTION.
7. ALL PLANTS MUST BE HEALTHY, VIGOROUS MATERIAL, FREE OF DISEASES, INSECTS, EGGS, LARVAE, AND DEFECTS SUCH AS KNOTS, SUN-SCALD, INJURIES, ABRASIONS AND/OR DISFIGUREMENT.
8. WATER AND WATER TRANSPORTATION IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
9. ALL PLANTS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT AND THE OWNER BEFORE , DURING AND UNTIL DATE OF SUBSTANTIAL COMPLETION OF THE WORK.
10. ALL PLANTS MUST BE CONTAINER-GROWN (CONT.) OR BALLED AND BURLAPPED (B & B) AS INDICATED IN THE PLANT LIST
11. ALL TREES MUST BE STRAIGHT TRUNKED, FULL HEADED AND MEET ALL REQUIREMENTS SPECIFIED.
12. AFTER BEING DUG AT THE NURSERY SOURCE, ALL TREES IN LEAF SHALL BE ACCLIMATED FOR TWO (2) WEEKS UNDER A MIST SYSTEM PRIOR TO INSTALLATION.
13. THE LANDSCAPE ARCHITECT WILL APPROVE THE STAKED LOCATION OF ALL PLANT MATERIAL PRIOR TO INSTALLATION.
14. ALL PLANTS AND PLANTING AREAS MUST BE COMPLETELY MULCHED AS SPECIFIED.
15. ALL TREES MUST BE GUYED OR STAKED AS SHOWN IN THE DRAWINGS.
16. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR FULLY MAINTAINING ALL PLANTING (INCLUDING, BUT NOT LIMITED TO: WATERING, SPRAYING, MULCHING, FERTILIZING, MOWING, ETC.) OF PLANTING AREAS AND LAWNS UNTIL DATE OF SUBSTANTIAL COMPLETION.
17. FOR TREE PLANTING REFER TO DETAILS
18. FOR TREE ON SLOPE PLANTING REFER TO DETAILS
19. FOR EVERGREEN TREE PLANTING REFER TO DETAILS (A LS-2) (D LS-2)
20. FOR PINES ON SLOPE PLANTING REFER TO DETAILS
21. FOR FLOWERING TREE PLANTING REFER TO DETAILS (A LS-2) (C LS-2)
22. FOR HEDGE PLANTING REFER TO DETAILS (E LS-2) (F LS-2)
23. FOR SHRUB BED PLANTING REFER TO DETAILS (G LS-2)
24. FOR GROUND COVER BED PLANTING REFER TO DETAILS (H LS-2) (I LS-2)
25. FOR ANNUAL COLOR OR PERENNIAL BED PLANTING REFER TO DETAILS (A LS-3) (B LS-3) (C LS-3) (D LS-3)
26. FOR FREE STANDING PLANTER INSTALLATION REFER TO DETAILS (F LS-3)

FILE NAME:LAPL048

PLANTING SOIL MIX NOTES:

1. THE LANDSCAPE CONTRACTOR SHALL FURNISH TOPSOIL; TOPSOIL MUST BE APPROVED BY THE LANDSCAPE ARCHITECT. REFER TO SPECIFICATION SECTION 02900 FOR TOPSOIL REQUIREMENTS.
2. THE LANDSCAPE CONTRACTOR SHALL SUPPLY ALL PLANTING SOIL MIX.
3. THE PLANTING SOIL MIX MUST APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO ANY BACKFILLING.
4. THE TYPICAL PLANTING SOIL MIX FOR ON-GRADE PLANTINGS (TREES, SHRUBS & GROUND COVERS) SHALL CONSIST OF THE FOLLOWING UNLESS OTHERWISE INDICATED ON THE DRAWINGS:
   60% TOPSOIL (AS SPECIFIED)
   - 40% PREPARED ADDITIVES (BY VOLUME AS FOLLOWS):
     2 PARTS HUMUS AND/OR PEAT 1 PART STERILIZED COMPOSTED COW MANURE
     1 PART SHREDDED PINE BARK(BARK PIECES BETWEEN 1/2 INCH AND 2 INCHES IN LENGTH)
   COMMERCIAL FERTILIZER AS RECOMMENDED IN SOIL REPORT.
   - LIME AS RECOMMENDED IN SOIL REPORT.

FILE NAME:LAPL044

SECTION 02231
TREE PROTECTION

A. GENERAL:

1. TREE PROTECTION SHALL BE IN CONFORMANCE WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
2. TREE PROTECTION FENCING, BARRICADES, OR OTHER SUITABLE GUARDS SHALL MEET OR EXCEED THE REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION AND AT A MINIMUM BE LOCATED PER THOSE SAME REQUIREMENTS OR AS INDICATED ON THE DRAWINGS.
3. TREES INDICATED TO REMAIN ARE ESSENTIAL TO THE PROJECT.
4. TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF ANY DEMOLITION, CLEARING, GRADING AND CONSTRUCTION WORK. CALL FOR INSPECTION OF TREE PROTECTION BARRICADES BY AUTHORITIES HAVING JURISDICTION IF REQUIRED PRIOR TO WORK.
5. TREE PROTECTION SHALL REMAIN IN PLACE UNTIL ALL CONSTRUCTION WORK HAS BEEN COMPLETED AND ALL DANGER OF DAMAGE HAS PASSED OR THE FINAL INSPECTION BY THE LOCAL AUTHORITIES HAVING JURISDICTION OR AS OTHERWISE DIRECTED BY THE OWNER.

B. TREE PROTECTION:

1. DO NOT EXCAVATE WITHIN TREE PROTECTION ZONE. NO SOIL DISTURBANCE OR COMPACTION, BURIAL PITS, TRENCHING OR OTHER LAND DISTURBING ACTIVITY SHALL BE ALLOWED WITHIN TREE PROTECTION ZONE.
2. DO NOT GRUB WITHIN TREE PROTECTION ZONE. BRUSH, VINES AND SMALL TREES INDICATED TO BE REMOVED SHALL BE HAND CLEARED ONLY. CUT FLUSH WITH EXISTING GRADE. LEAVE SOIL AND LEAF LITTER UNDISTURBED.
3. PROTECT TREE ROOT SYSTEMS FROM DAMAGE DUE TO NOXIOUS MATERIALS CAUSED BY RUN-OFF OR SPILLAGE DURING MIXING, PLACEMENT, OR STORAGE OF CONSTRUCTION MATERIALS. PROTECT ROOT SYSTEMS FROM FLOODING, ERODING, OR EXCESSIVE WETTING RESULTING FROM DEWATERING OPERATIONS.
4. FINAL LOCATION OF ALL UNDERGROUND UTILITIES THAT WILL ENCROACH UPON TREE PROTECTION ZONES MUST BE FIELD STAKED AND APPROVED PRIOR TO BEGINNING WORK.
5. DO NOT STORE CONSTRUCTION MATERIALS, DEBRIS, OR EXCAVATED MATERIAL WITHIN TREE PROTECTION ZONE. DO NOT PERMIT VEHICLES OR FOOT TRAFFIC WITHIN TREE PROTECTION, AND PREVENT SOIL COMPACTION OVER ROOT SYSTEMS.
6. EXPOSED ROOTS SHALL BE CLEANLY CUT WITH SHARP PRUNING INSTRUMENTS. DO NOT ALLOW EXPOSED ROOTS TO DRY OUT BEFORE PERMANENT BACKFILL IS PLACED; PROVIDE TEMPORARY EARTH COVER OR PACK WITH PEAT MOSS AND WRAP WITH BURLAP. WATER AND MAINTAIN IN MOIST CONDITION AND TEMPORARILY SUPPORT AND PROTECT FROM DAMAGE UNTIL PERMANENTLY RELOCATED AND COVERED WITH EARTH.
7. GRADING AND CONSTRUCTION IN PROXIMITY OF (OR WITHIN) TREE PROTECTION ZONES SHALL BE DONE WITH EXTREME CARE SO AS NOT TO DAMAGE THE ROOT SYSTEM OF THE TREES AND TO COMPACT THE SOIL IN THE ZONE.
8. FINISH GRADING IN THE TREE PROTECTION ZONES, IF INDICATED ON DRAWINGS, SHALL BE DONE UNDER DIRECT SUPERVISION OF THE OWNER OR LANDSCAPE ARCHITECT IN THE FIELD. NOTIFY THE OWNER OR LANDSCAPE ARCHITECT 72 HOURS PRIOR TO THIS SITE VISIT.
9. WATER TREES AND OTHER VEGETATION TO REMAIN WITHIN LIMITS OF CONTRACT WORK AS REQUIRED TO MAINTAIN THEIR HEALTH DURING COURSE OF CONSTRUCTION OPERATIONS.
10. REFER TO DETAIL _____ FOR TREE PROTECTION BARRICADE.

C. TREE PRUNING:

1. ENGAGE AN EXPERIENCED TREE SERVICE WITH A QUALIFIED CERTIFIED ARBORIST TO PERFORM TREE PRUNING WORK.
2. PRUNE REMAINING TREES AFFECTED BY TEMPORARY AND NEW CONSTRUCTION.
3. REMOVE BRANCHES FROM TREES THAT ARE TO REMAIN, IF REQUIRED TO CLEAR NEW CONSTRUCTION.
   a. WHERE DIRECTED BY LANDSCAPE ARCHITECT AND VERIFIED BY ARBORIST, EXTEND PRUNING OPERATION TO RESTORE NATURAL SHAPE OF ENTIRE TREE.
   b. ALL PRUNING AND CUTTING OF BRANCHES AND ROOTS SHALL BE PERFORMED BY AN ARBORIST USING STATE OF THE ART EQUIPMENT.
4. PRUNE REMAINING TREES TO COMPENSATE FOR ROOT LOSS CAUSED BY DAMAGING OR CUTTING ROOT SYSTEM. PROVIDE SUBSEQUENT MAINTENANCE DURING CONTRACT PERIOD AS RECOMMENDED BY ARBORIST.
5. CUT BRANCHES WITH SHARP PRUNING INSTRUMENTS; DO NOT BREAK OR CHOP.
6. CHIP BRANCHES REMOVED FROM TREES. SPREAD MATERIAL WHERE INDICATED OR AS DIRECTED BY LANDSCAPE ARCHITECT.

ANNUAL COLOR AND PERENNIAL PLANTING NOTES:

1. EXCAVATE BED TO A DEPTH OF 4 INCHES. REMOVE EXISTING SOIL FROM SITE. BREAK THROUGH "HARDPAN" AND REMOVE ALL STONE, ROOTS, DEBRIS, ETC.. ROTOTILL EXCAVATED BED AN ADDITIONAL 6-8 INCHES IN DEPTH.
2. SLOPE THE BASE OF THE BED TO THE TRENCH EDGE.
3. PREPARE PLANTING SOIL MIX CONSISTING OF TOPSOIL AND THE FOLLOWING SOIL AMENDMENTS BY VOLUME. REFER TO SPECIFICATION SECTION 02900 FOR TOPSOIL REQUIREMENTS.
   - 40% TOPSOIL (AS SPECIFIED)
   - 25% HUMUS
   - 15% CYPRESS MULCH (FINGERNAIL SIZED CHIPS - 1/4 INCH MAX.)
   - 5% STERILIZED COMPOSTED COW MANURE
   - 5% SAND (ANGULAR BUILDERS SAND) LIME AT A RATE OF 5 LBS. PER 50 SQ. FEET (ADJUST FOR ALKALINE SOILS)
4. ADD 6 INCHES OF PLANTING SOIL TO EXCAVATE BED & ROTOTILL INTO EXISTING SOIL.
5. PLACE ADDITIONAL PLANTING SOIL MIX TO RAISE ENTIRE BED 6 INCHES ABOVE FINISHED GRADE FOR SEASONAL COLOR AND 4 INCHES FOR PERENNIALS. IF SEASONAL BED FRONTS A SHRUB OR GROUND COVER BED, MATCH THAT BED'S HEIGHT & CONTINUE POSITIVE SLOPE TOWARD TRENCH EDGE.
6. ROTOTILL ENTIRE BED TO A DEPTH OF 12 INCHES±.
7. EVENLY SPREAD FERTILIZER APPROPRIATE TO A VARIETY OF SEASONAL COLOR AT A MAXIMUM RATE OF 2.5 LBS. PER 100 SQ. FEET AND RAKE INTO TOP 3 INCHES OF SOIL.
8. PLANT SEASONAL COLOR AS SPECIFIED AND AT INDICATED SPACING SHOWN ON PLANS.
9. EDGE SEASONAL COLOR BED AND MULCH AS SPECIFIED.
10. WATER THOROUGHLY.

FILE NAME:LAPL046

CLEAN AND MULCH NOTES:

THE CONTRACTOR SHALL CLEAR AND GRUB ALL WEEDS, DEAD TREES, TREES ONE (1) INCH CALIPER OR LESS AND OTHER SELECT TREES UP TO FOUR (4) INCH CALIPER AS DETERMINED IN THE FIELD IN THE TREE SAVE AREAS INDICATED ON THE DRAWINGS. A 3 INCH MINIMUM LAYER OF CYPRESS MULCH SHALL BE SPREAD OVER THE ENTIRE CLEARED AREA. THE CONTRACTOR WILL NOTIFY THE LANDSCAPE ARCHITECT PRIOR TO START OF CLEAN AND MULCH WORK. THE LANDSCAPE ARCHITECT WILL VERIFY SCOPE OF WORK IN FIELD WITH THE CONTRACTOR PRIOR TO START OF WORK. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND LEGAL DISPOSAL OF ALL DEBRIS FROM CLEAN-UP OPERATIONS FROM THE SITE.

FILE NAME:LAPL046

6 Executive Park Drive
Suite 300
Atlanta, GA 30329
www.hgor.com
p. 404-248-1960
f. 404-248-1092

HGOR
PLANNERS LANDSCAPE ARCHITECTS

REVISIONS

NO.	DATE	ISSUE
△		
△		
△		
△		
△		
△		

All Saints Catholic Church
Dunwoody, GA

All Saints Catholic Church
Dunwoody, GA

TITLE
LANDSCAPE DETAILS

DATE	03/20/08
JOB NO.	08020
DWG FILE	08020LD1
DRAWN BY	MM
CHECKED	KL
SCALE	1"=10'-0"
SHEET	LS -4

4 OF 4

NOT RELEASED FOR CONSTRUCTION

Last modified on 07/10/08 by KEITH
File located in S:\2008\08020\Graphics\W-Details\Landscape\ 08020LD1.dwg