ADDENDUM PLANNING UNIT REPORT DEPARTMENT OF PLANNING AND DEVELOPMENT July 10, 2006

RE: ID# 04022: Approval of a preliminary plat of the "Genesis Plat"

Portions of the subject preliminary plat are located within a mapped environmental corridor, which shows a floodplain and adjacent wetlands extending along the northerly edge of the site corresponding to low-lying lands near Agriculture Drive related to the mapped perennial stream on the WisDOT property to the north. The wetlands and floodplain are not delineated on the preliminary plat. The applicant has been working with the City Engineering Division and the Wisconsin Department of Natural Resources (WDNR) on a plan to remediate portions of the floodplain as part of this development. A Letter of Map Revision issued by the WDNR will be required as part of the submittal of the final plat of this project signifying that the remedial measures have been approved.

In addition to already requiring a revised preliminary plat to be submitted with the final plat of this property to identify the location of the floodplain and wetlands, the Planning Unit requests the following additional condition of approval to address the environmental corridor present on the northern proportion of the site:

4. That the applicant receive approval of an alteration to the environmental corridor map from the Dane County Community Analysis and Planning Division and Wisconsin Department of Natural Resources to reflect the delineated wetlands and floodplain and any proposed changes thereto resulting from any approved remediation.

Prepared By: Timothy M. Parks, Planner



Department of Public Works City Engineering Division

608 266 4751

Larry D. Nelson, P.E. City Engineer

City-County Building, Room 115 210 Martin Luther King, Jr. Boulevard Madison, Wisconsin 53703 608 264 9275 FAX 608 267 8677 TDD Deputy City Engineer Robert F. Phillips, P.E.

Principal Engineers Michael R. Dailey, P.E. Christina M. Bachmann, P.E. John S. Fahrney, P.E. David L. Benzschawel, P.E. Gregory T. Fries, P.E.

> Operations Supervisor Kathleen M. Cryan

> Hydrogeologist Joseph L. DeMorett, P.G.

> > GIS Manager David A. Davis, R.L.S.

DATE:

July 6, 2006

TO:

Plan Commission

FROM:

Larry D. Nelson, P.E., City Engineer

SUBJECT:

Genesis Preliminary Plat

The City Engineering Division has reviewed the subject development and has the following comments.

MAJOR OR NON-STANDARD REVIEW COMMENTS (Comments which are special to the project and/or may require additional work beyond a standard, more routine project.)

MIL 10 RECO

- 1. Proposed Jadon Drive appears to intend to align with existing Tormey Lane to the south of the Humane Society lands. Coordinate the suggested name of Tormey Lane for this segment with City Planning, Engineering and Traffic Engineering.
- 2. It is unclear the intent of the 20 feet wide "Area Reserved for Future Sidewalk" as shown along existing Agriculture Drive. This area was retained by WDOT, in deed transfer from WDOT to Alexander H. & Helen Li, as a Permanent Limited Easement for Grading Slopes and Maintenance per Document No. 3949956. City of Madison construction plans show that the public sidewalk was to be constructed entirely within the lands retained by WDOT for public right-of-way purposes for Agriculture Drive. Field survey the existing location of Agriculture Drive street improvements as they relate to the existing public right-of-way and proposed plat boundary.
- 3. There is an existing sliver of land, south of, and adjacent to this plat. Apparently the land was omitted from previous land transfers and remains in an estate name. This sliver currently has delinquent City of Madison real estate taxes and storm water utility bills. The owner/applicant may wish to contact Buddy W. Bethke, Personal Representative of the Frances M. Gausman Estate, to negotiate acquisition of these lands and inclusion in the proposed plat. Mr. Bethke has authorized City Engineering to release his contact information below.

Buddy W. Bethke S10896 Weidner Rd. Spring Green, WI 53588 (608) 546-2345

- 4. "Agricultural Drive" as shown on the preliminary plat must be revised to "Agriculture Drive".
- 5. The Developer/Owner shall be aware that the City of Madison requires electronic CAD file submittals of recorded plats. If the Developer/Owner's Surveyor cannot provide these files, be aware that the City of Madison Engineering Division-Mapping staff will bill time, through the Private Development Contract/Agreement with the Developer/Owner, to generate the required CAD file

	formats.
6.	The applicant shall widen Agriculture Drive to 48 feet in the vicinity of the proposed intersection with Trade Winds Parkway and relocate the sidewalk on both sides of Agriculture Drive to accommodate the widened pavement. All pavement patching on Agriculture Drive shall be in accordance with the City Engineer's policy on pavement patching.
	Other options to reconstructing Agriculture Drive may be available to the applicant such as relocating the intersection to the east provided that adequate intersection sight distance is achievable. The applicant shall not be required to widen Agriculture Drive as stated above if an alternative acceptable to the City Engineer and City Traffic Engineer is found.
7.	A 75-foot greenway along the west side of Lots 10 & 11 is required and shall be dedicated to the public for stormwater management.
8.	Revise plat to show all regulatory wetlands and required 75-foot buffers for each wetland.

Soil borings required. Buildings within this proposed plat may not be able to have basements. 10.

Revise plat to show all regulatory floodplain. Plat approval dependent on allowable zoning and

GENERAL OR STANDARD REVIEW COMMENTS

land uses based on this flood plain determination.

9.

In addition, we offer the following General or Standard Review Comments:

Engineering Division Review of Plats (Pre-Preliminary, Preliminary, Final)

		and Certified Survey Maps
Nar	ne: <u>Genes</u>	sis Preliminary Plat
Ger	neral	
×	1.1	The Developer shall enter into a City / Developer agreement for the installation of public improvements required to serve this plat/csm. The developer shall be required to provide deposits to cover City labor and materials and surety to cover the cost of construction. The developer shall meet with the City Engineer to schedule preparation of the plans and the agreement. The City Engineer will not sign off on this plat/csm without the agreement executed by the developer.
	, 1.2	Two weeks prior to recording the final plat, a soil boring report prepared by a Professional Engineer, shall be submitted to the City Engineering Division indicating a ground water table and rock conditions in the area. If the report indicates a ground water table or rock condition less than 9' below proposed street grades, a restriction shall be added to the final plat, as determined necessary by the City Engineer.
Rig	ht of Way / E	Easements
	2.1	The Applicant shall Dedicate a foot wide strip of Right of Way along
	2.2	The Applicant shall Dedicate a Permanent Limited Easement for grading and sloping feet wide along
	2.3	It is anticipated that the improvements on [roadway name] required to facilitate ingress and egress to the plat/csm will require additional right of way and/or grading easements located outside the plat/csm boundary. The developer shall acquire the right of way and/or sloping easements as required by the City at the developer's expense. In the event that the developer i unable to acquire the right of way and/or sloping easements required, the City shall assist the developer in acquiring the property and the developer shall pay the City for all costs associated with the acquisition.
	2.4	The Developer shall petition for the street vacation of (roadway name) and provide a legal description and sketch of the right of way to be vacated after consultation with the City Engineer.

- * Streets Intersect at right angles.
- * A 15 foot minimum tangent at intersections from PC of curve to property line.
- * Arterial intersection spacing generally greater than 1200 feet.
- * Jogs are avoided at intersections. Arterial streets shall be adjusted to align if spacing less than 300 feet.
- * Spacing of intersections on local streets shall be greater than 300 feet.
- * Cul-de-sacs shall be less than 1000 feet long.
- * 100 foot tangents between curves.

	2.5	
	2.6	Property lines at intersections shall be rounded with a 15 foot radius on
	2.7	Property lines at intersections shall be rounded with a 25 foot radius on
	2.8	The right of way width on shall be feet, on shall be shall shall be shall
\boxtimes	2.9	Tradewinds Parkway shall have a minimum centerline radius of 150-feet and Jadon Drive shall have a minimum centerline radius of 150-feet.
	2.10	The cul-de-sac on shall have a minimum radius of feet with a minimum reverse curve radius of feet.
	2.11	The plat/csm shall show a temporary limited easement for a temporary cul-de-sac on feet and a reverse curve radius of feet. The easement(s) shall expire when the streets are extended.
	2.12	The developer shall show on the plat/csm a 40 foot utility easement adjacent to [roadway name] The easement wording shall be approved by the City Engineer. The intent of the easement is to allow for the relocation of a major transmission line. The actual poles would remain on the right of way however major transmission lines require an easement beyond the space occupied by the poles for safety.
	2.13	The City Engineer has reviewed the need for pedestrian and bicycle connections through the development and finds that no connections are required.
	2.14	The Developer shall Dedicate a Permanent Limited Easement for a pedestrian / bicycle easement feet wide from to to
	2.15	The Developer shall provide a private easement for public pedestrian and bicycle use through the property running from
Street	ts and Sid	ewalks
\boxtimes	3.1	The Developer shall construct Madison Standard street improvements for all streets within the plat/csm.
	3.2	The developer shall show a 30 40 (Strike one, 30 collector, 40 Arterial) foot building setback line on the plat/csm adjacent to [Roadway Name] for all lots in the plat/csm adjacent to said roadway.
		Note: No buffer strip shall be dedicated to the City as the City does not want the maintenance.
	3.3	Extensive grading may be required due to steep roadway grades.
	3.4	The developer shall note that City funds for park frontage are limited and will be determined at the sole discretion of the City.
	3.5	The developer shall construct sidewalk and record a waiver of their right to notice and hearings for the assessments for the improvement of [roadway] in accordance

		Lot(s)	100
	3.6	he Developer shall make the following improvement to [Roadway Name]he Developer shall construct sidewalk and feet of a future foot roadway including curb and utter on the side of the roadway.	
	3.7	he Developer shall construct sidewalk to a plan approved by the City Engineer and complete ditching as required by the City Engineer and complete ditching as required by the City Engineer.	эег
	3.8	he Developer shall grade the right of way line to a grade established by the City Engineer and complete ditching long the roadway as specified by the city engineer along [Roadway Name]	
	3.9	Talue of sidewalk installation over \$5000. The Applicant shall Construct Sidewalk to a plan approved by the City Engineer along (Also require the City / Developer agreement line 1.1)	
	3.10	falue of sidewalk installation under \$5000. The Applicant shall install public sidewalk along The Applicant shall be bain a Street Excavation Permit for the sidewalk work, which is available from the City Engineering Division. The applicant shall be a sassociated with the permit including inspection fees. All work must be completed within six months or the succeeding June whichever is later.	ay
	3.11	he Applicant shall execute a waiver of their right to notice and hearings on the assessments for the installation of sidewalk along oadway] in accordance with Section 66.0703(7)(b) Wisconsin Statutes and section 4.09 of the MGO.	
	3.12	he Applicant shall grade the property line along	е
	3.13	eveloper shall make improvements to [Roadway Name]considered temporary to facilitate ingress and egree the plat/csm until such time as the ultimate improvement of the roadway is undertaken by the city.	SS
\boxtimes	3.14	he Developer shall make improvements to Agricultural Drive to facilitate ingress and egress to the plat/csm.	
	[Selec	The above improvement will consist of acceleration and deceleration tapers.	
•		 ☐ The above improvement consists of rights turn lanes. ☐ The above improvement will consist of passing lanes. ☐ The above improvement will consist of median openings. 	
		Caution – The improvements indicated above may require right of way outside of the plat/csm. See comment 2.3 to require additional right of way for this purpose.	
	3.15	he developer shall note the AASHTO design standards for intersection sight distance will be applied during the design of the stree ithin this plat/csm.	s
	3.16	he developer shall confirm that adequate sight distance exists on where	
		ublic streets intersect. If adequate sight distance does not exist, the developer shall change the location of the street intersection of gree to make improvements to the roadways such that the sight distance is achieved or make other mitigating improvements as equired by the City.	ìΓ
\boxtimes	3.17	Il proposed street names shall be approved by the City Engineer. Applicant shall contact Lori Zenchenko (608-266-5952) with street ame requests.	∍t
	3.18	stallation of "Private" street signage in accordance with 10.34 MGO is required.	
Storm \	Nater M	ngement	
⊠ .	4.1	n erosion control plan and land disturbing activity permit shall be submitted to the Engineering Division for review and approval price rading or any other construction activities. The Preconstruction Meeting for Public Improvements shall not be scheduled prior to suance of this permit. The applicant shall demonstrate compliance with Section 37.07 and 37.08 of the Madison General Ordinance agarding permissible soil loss rates. The erosion control plan shall include Universal Soil Loss Equation (USLE) computations for the construction period. Measures shall be implemented in order to maintain a soil loss rate below 7.5-tons per acre per year.	es
\boxtimes	4.2	he following notes shall be included on the final plat:	
		All lots within this plat are subject to public easements for drainage purposes which shall be a minimum of 6-feet in width measured from the property line to the interior of each lot except that the easements shall be 12-feet in width on the perimete the plat. For purposes of two (2) or more lots combined for a single development site, or where two (2) or more lots have a shared driveway agreement, the public easement for drainage purposes shall be a minimum of six (6) feet in width and shall measured only from the exterior property lines of the combined lots that create a single development site, or have a shared	

driveway agreement, except that the easement shall be twelve (12) feet in width along the perimeter of the plat. Easements shall not be required on property lines shared with greenways or public streets. No buildings, driveways, or retaining walls shall be placed in any easement for drainage purposes. Fences may be placed in the easement only if they do not impede the anticipated flow of water.

NOTE: IN THE EVENT OF A CITY OF MADISON PLAN-COMMISSION AND/OR COMMON-COUNCIL APPROVED REDIVISION OF A PREVIOUSLY SUBDIVIDED PROPERTY, THE UNDERLYING PUBLIC EASEMENTS FOR DRAINAGE PURPOSES ARE RELEASED AND REPLACED BY THOSE REQUIRED AND CREATED BY THE CURRENT APPROVED SUBDIVISION.

- b. The intra-block drainage easements shall be graded with the construction of each principle structure in accordance with the approved storm water drainage plan on file with the City Engineer and the Zoning Administrator, as amended in accordance with the Madison General Ordinances.
- 4.3 Arrows shall be added to the certified survey map indicating the direction of drainage for each property line not fronting on a public street. In addition, the certified survey map shall include lot corner elevations, for all lot corners, to the nearest 0.25-foot. The following notes shall be added to the certified survey map.
 - Arrows indicate the direction of surface drainage swale at individual property lines. Said drainage swale shall be graded with the construction of each principal structure and maintained by the lot owner unless modified with the approval of the City Engineer. Elevations given are for property corners at ground level and shall be maintained by the lot owner.
 - b. All lots within this certified survey are subject to public easements for drainage purposes which shall be a minimum of 6-feet in width measured from the property line to the interior of each lot except that the easements shall be 12-feet in width on the perimeter of the certified survey. For purposes of two (2) or more lots combined for a single development site, or where two (2) or more lots have a shared driveway agreement, the public easement for drainage purposes shall be a minimum of six (6) feet in width and shall be measured only from the exterior property lines of the combined lots that create a single development site, or have a shared driveway agreement, except that the easement shall be twelve (12) feet in width along the perimeter of the certified survey. Easements shall not be required on property lines shared with greenways or public streets. No buildings, driveways, or retaining walls shall be placed in any easement for drainage purposes. Fences may be placed in the easement only if they do not impede the anticipated flow of water.

NOTE: IN THE EVENT OF A CITY OF MADISON PLAN COMMISSION AND/OR COMMON COUNCIL APPROVED REDIVISION OF A PREVIOUSLY SUBDIVIDED PROPERTY, THE UNDERLYING PUBLIC EASEMENTS FOR DRAINAGE PURPOSES ARE RELEASED AND REPLACED BY THOSE REQUIRED AND CREATED BY THE CURRENT APPROVED SUBDIVISION.

4.4 Prior to the issuance of building permits, the Developer shall submit a master stormwater drainage plan to the City Engineering Division for review and approval which shows lot corner elevations to the nearest 0.25-foot. For purposes of the plan, it shall be assumed that grading shall be done on a straight line grade between points unless other information is provided. The proposed slope between points shall always be greater than or equal to .0075 ft/ft. If a break in grade is required between lot corners a shot shall be taken at that break in grade to provide the Engineer with enough information to interpret the plan. The Developer shall also show proposed drainage arrows on the plan to indicate the proposed direction of drainage.

The master storm water drainage plan shall be submitted to City Engineering in digital format with elevations/grades/contours shown on the recorded plat map of the development. The digital record shall be provided using the state plane coordinate system – NAD 27.

The following note shall accompany the master storm water drainage plan:

a. For purposes of this plan, it is assumed that grading shall be a straight line grade between points unless otherwise indicated. All slopes shall be 0.75% or steeper. Grade breaks between lot corners are shown by elevation or through the use of drainage arrows.

No building permits shall be issued prior to City Engineering's approval of this plan.

- 4.5 If the lots within this certified survey map are inter-dependent upon one another for storm water runoff conveyance, and/or a private drainage system exists for the entire site an agreement shall be provided for the rights and responsibilities of all lot owners. Said agreement shall be reviewed and placed on file by the City Engineer, referenced on the certified survey map and recorded at the Dane Co Register of Deeds. 4.6 The following note shall be added to the certified survey map. "All lots created by this certified survey map are individually responsible for compliance with Chapter 37 of the Madison General Ordinances in regard to storm water detention at the time they develop." \boxtimes This plat/csm could affect a flood plain, wetland or other sensitive areas. As such, it shall be reviewed by the Commission on the 4.7 Environment. Contact Mike Dailey at 266-4058 for further details. The proposed plat/csm may be considered a major change to the environmental corridor and be subject to a public hearing and approval of the Dane County Regional Plan Commission. A portion of this plat/csm may come under the jurisdiction of the US Army Corp of Engineers and Wisconsin Department of Natural 4.8 Resources for wetland or flood plain issues or navigable waterway. A permit for those matters may be required prior to construction on
- A.9 Prior to recording the plat/csm, the applicant shall comply with Chapter 37 of the Madison General Ordinances regarding stormwater

any of the lots currently within the plat/csm. Contact the WDNR & USACOE for a jurisdictional determination.

		management. Specifically, this development is required to:
		 □ Detain the 2 & 10-year storm events. □ Detain the 2, 10, 8 100-year storm events. □ Control 40% TSS (20 micron particle). □ Control 80% TSS (5 micron particle). □ Provide infiltration in accordance with NR-151. □ Provide substantial thermal control. □ Provide oil & grease control from the first 1/2" of runoff from parking areas.
		Stormwater management plans shall be submitted and approved by City Engineering prior to signoff.
X	4.10	This site is greater than one (1) acre and the applicant is required by State Statute to obtain a Notice of Intent Permit (NOI) from the Wisconsin Department of Natural Resources. Contact Jim Bertolacini of the WDNR at 275-3201 to discuss this requirement.
	4.11	NR-151 of the Wisconsin Administrative Code will be effective on October 1, 2004. Future phases of this project shall comply with NR 151 in effect when work commences. Specifically, any phases not covered by a Notice of Intent (NOI) received from the WDNR under NR-216 prior to October 1, 2004 shall be responsible for compliance with all requirements of NR-151 Subchapter III. As most of the requirements of NR-151 are currently implemented in Chapter 37 of the Madison General Ordinances, the most significant additional requirement shall be that of infiltration.
		NR-151 requires infiltration in accord with the following criteria. For the type of development, the site shall comply with one of the three (3) options provided below:
		Residential developments shall infiltrate 90% of the predevelopment infiltration amount, 25% of the runoff from the 2-year post development storm or dedicated a maximum of 1% of the site area to active infiltration practices.
		Commercial development shall infiltrate 60% of the predevelopment infiltration amount, 10% of the runoff from the 2-year post development storm or dedicate a maximum of 2% of the site area to active infiltration practices.
\boxtimes	4.12	A minimum of two (2) working days prior to requesting City Engineering signoff on the plat/csm the applicant shall contact Janet Gebert (608-261-9688) to obtain the final stormwater utility charges that are due and payable prior to sub-division of the properties. The stormwater utility charges (as all utility charges) are due for the previous months of service. All charges shall be cleared prior to the land division (and subsequent obsolesces of the existing parcel).
Sanit	ary Sewer	
	5.1	All outstanding Madison Metropolitan Sewerage District (MMSD) and City of Madison sanitary sewer connection charges are due and payable prior to connection to the public sewerage system.
	5.2	Each unit of a duplex building shall be served by a separate and independent sanitary sewer lateral.
Ø	5.3	This land division contains or is adjacent to facilities of MMSD. Prior to approval, applicant shall provide evidence that MMSD has reviewed and approved the proposed land division.
Mann	oing / Lanc	l Records
	6.1	Wisconsin Administrative Code A-E 7.08 identifies when Public Land System (PLS) tie sheets must be filed with the Dane County Surveyor's office. The Developer's Surveyor and/or Applicant must submit copies of required tie sheets or condition reports for all monuments, including center of sections of record, used in this survey, to Eric Pederson, City Engineering. If a new tie sheet is not required under A-E-7.08, Engineering requests a copy of the latest tie sheet on record with Dane County Surveyor's office. The Applicant shall identify monument types on all PLS corners included on the Plat or CSM. Note: Land tie to two PLS corners required
	6.2	In accordance with Section s. 236.18(8), Wisconsin Statutes, the Applicant shall reference City of Madison WCCS Dane Zone , 1997Coordinates on all PLS corners on the Plat or Certified Survey Map in areas where this control exists. The Surveyor shall identify any deviation from City Master Control with recorded and measured designations. City of Madison has established WCCS, Dane Zone Coordinates on all PLS corners within its corporate boundary. Visit the City of Madison Engineering Division web address http://gis.ci.madison.wi.us/Madison PLSS/PLSS TieSheets.html for current tie sheets and control data. If a surveyor encounters an area without a published WCCS Dane Zone 1997 value, contact Engineering Division for this information.
	6.3.	The Applicant shall submit to Eric Pederson, prior to Engineering sign-off of the subject plat, two (2) digital and one (1) hard copy of the final plat/CSM to the Mapping/GIS Section of the Engineering Division. The digital copies shall be submitted in both NAD27 & WIDOT County Coordinate System, Dane County Zone datums in either Auto CAD Version 2001 or older, MicroStation Version J or older or Universal DXF Formats and contain the minimum of the following, each on a separate layer name/level number:
		a. Right-of-Way lines (public and private) b. Lot lines

- c. Lot numbers
- d. Lot/Plat dimensions
- e. Street names
- f. Easement lines (i.e. street, sanitary, storm (including wetland & floodplain boundaries) water, pedestrian/bike/walkway, or any public and/or private interest easement except **local service** for Cable TV, gas, electric and fiber optics).

NOTE: This transmittal is a separate requirement than the required submittals to Bob Arseneau for design purposes.

NOTE: New electronic final plat transmittals and notification of changes which occur to the final plat during the time the Engineering Division signs off and receives the digital copies of said plat and the recording thereof, are the responsibility of the Developer/Surveyor.

In accordance with Section s.236.34(1) (c) which says a CSM shall be prepared in accordance with s.236.20(2) (c) & (f), Wisconsin Statutes, the Applicant must show type, location and width of any and all easements. Clearly identify the difference between existing easements (site Register of Deeds recording data) and easements which are being conveyed by the Plat/CSM. Identify the owner and/or benefiting interest of all easements.



Traffic Engineering Division

David C. Dryer, City Traffic Engineer

Madison Municipal Building 215 Martin Luther King, Jr. Boulevard P.O. Box 2986 Madison, Wisconsin 53701-2986 PH 608/266-4761 TTY 608/267-9623 FAX 608/267-1158

July 3, 2006

TO:

Plan Commission

FROM:

David C. Dryer, P.E., City Traffic Engineer

SUBJECT:

304 Agriculture Drive - Preliminary Plat- Genesis Plat / Town of Blooming

Grove Sec27

The City Traffic Engineering Division has reviewed the subject development and has the following comments.

MAJOR OR NON-STANDARD REVIEW COMMENTS (Comments which are special to the project and/or may require additional work beyond a standard, more routine project.)

- 1. There will be access restrictions for this final plat and shall be noted on the face of the plat as follows:
 - a. No Access shall be granted along the southerly right-of-way line of U.S.H. 12 & 18.
 - b. No Access shall be granted along the westerly right-of-way line of Agricultural Drive for lots 15 & 16.

GENERAL OR STANDARD REVIEW COMMENTS

In addition, we offer the following General or Standard Review Comments:

- 2. The attached Traffic Signal/Street Light declaration of conditions and covenants shall be executed and returned when final plat is submitted for sign-off.
- 3. The applicant shall contact the Department of Planning and Development to comply with M.G. O. Sec. 16.23(3)(d)--Highway Noise Land Use Provisions policies and ordinances.

4 Utility easements shall be provided as follows: None—front lot service.

Between Lots	Between Lots	Between Lots

5. The applicant shall show a detail drawing of the 12 ft. utility easement dimensions and lot lines on the face of the plat.



6. Public signing and marking related to the development may be required by the City Traffic Engineer for which the developer shall be financially responsible.

Please contact Dan J. McCormick, P.E., City Taffic Engineering at 266-4761 if you have questions reasoning the above items.

Mail to: David R. Cheney 404 South Blount St. Suite 203 Madison WI 53703

DCD:DJM:dm