GENOA CHARTER TOWNSHIP PLANNING COMMISSION PUBLIC HEARING JANUARY 12, 2015 6:30 P.M. AGENDA

CALL TO ORDER:

PLEDGE OF ALLEGIANCE:

APPROVAL OF AGENDA:

ELECTION OF OFFICERS:

CALL TO THE PUBLIC:

(Note: The Board reserves the right to not begin new business after 10:00 p.m.)

OPEN PUBLIC HEARING #1... Review of sketch plan for a proposed 12,439 sq. ft. church and coffee shop to occupy space within the multi-tenant building located at the northwest corner of Grand River Avenue and Genoa Business Park Drive (2250 Genoa Business Park Drive), Brighton, Michigan 48114, parcel # 4711-13-103-003. The request is petitioned by The Well c/o Lindhout Associates.

Planning Commission disposition of petition

A. Disposition of Sketch Plan. (12-18-14)

OPEN PUBLIC HEARING #2... Review of a site plan, environmental impact, and PUD amendment for a proposed redevelopment of an existing outparcel to demolish the existing Bennigan's Restaurant and construct a new 12,000 sq. ft. multi-tenant building, located at 3950 E. Grand River Avenue, Howell, Michigan 48443, parcel # 4711-05-400-047. The request is petitioned by RG Properties, Inc.

- A. Recommendation regarding PUD Agreement Amendment.
- B. Recommendation of Environmental Impact Assessment. (12-01-14)
- C. Recommendation of Site Plan. (12-23-14)

OPEN PUBLIC HEARING #3... Review of a rezoning, PUD amendment, site plan, and environmental impact assessment for a proposed 3,848 sq. ft. Red Olive Restaurant, located at 3838 E. Grand River Avenue, Howell, Michigan 48443, # 4711-05-400-025. The request is petitioned by PKJJ, LLC.

- A. Recommendation regarding Rezoning from RCD to NR-PUD.
- B. Recommendation of PUD Agreement Amendment.
- C. Recommendation of Environmental Impact Assessment. (04-25-14)
- D. Recommendation of Site Plan. (12-17-14)

OPEN PUBLIC HEARING #4... Request to table site plan, special use, and environmental impact assessment for a proposed new 22,600 sq. ft. industrial building used to sort, warehouse, and distribute batteries, located at 5900 Brighton Pines Court, Howell, Michigan 48443, parcel # 4711-15-200-031. The request is petitioned by Brivar Construction Company.

Planning Commission disposition of petition

A. Table request to February 9, 2015 meeting.

Administrative Business:

- Staff report
- Approval of December 8, 2014 Planning Commission meeting minutes
- *Member discussion*
- Adjournment



GENOA CHARTER TOWNSHIP APPLICATION Sketch Plan Review

TO THE GENOA TOWNSHIP PLANNING COMMISSION:

APPLICANT NAME & ADDRESS: The Well 7191 Grand River Ave. Brighton, MI If applicant is not the owner, a letter of Authorization from Property Owner is needed.

OWNER'S NAME & ADDRESS: Damas Genoa Retail Center, LLC 28345 Beck Road, Ste. 100 Wixom, MI 48393

SITE ADDRESS: 2250 Genoa Business Park Drive PARCEL #(s): //-/3-/03-00/

APPLICANT PHONE: (810) 229 - 8400 OWNER PHONE: (248) 344 - 8995

LOCATION AND BRIEF DESCRIPTION OF SITE: The Genoa Retail Center is located off

of Grand River Ave., east of Euler Road and west of St. Joseph Mercy Hospital.

The building has three existing tenants and four vacant units.

BRIEF STATEMENT OF PROPOSED USE: The Well is buying the Genoa Retail Center from Damas

Genoa Retail LLC. The Well Church will be moving here from it's current location, just east of Pless Drive.

THE FOLLOWING IMPROVEMENTS ARE PROPOSED: A full tenant build-out is planned for the

Worship area of the church at the north end of the existing building. A smaller renovation will

occur for the children's ministry which will be located south of the existing dentist office.

I HEREBY CERTIFY THAT ALL INFORMATION AND DATA ATTACHED TO AND MADE PART OF THIS APPLICATION IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

BY: Holly Osterhout

ADDRESS: Lindhout Associates 10465 Citation Drive Brighton, MI 48116

.) Holly Osterhout	of	Lindhout Associates Business Affiliation	atEmail Address

All sketch plans are allocated one (1) consultant review and one (1) Planning Commission meeting. If additional
reviews or meetings are necessary, the applicant will be required to pay the actual incurred costs for the additional
reviews. If applicable, additional review fee payment will be required concurrent with submittal for a Land Use Permit.
By signing below, applicant indicates agreement and full understanding of this policy.
SIGNATURE: DATE: 12/18/14
PRINT NAME: SEFF WATERman PHONE: 8/0-772-1154



January 5, 2015

Planning Commission Genoa Township 2911 Dorr Road Brighton, Michigan 48116

Attention:	Kelly Van Marter, AICP
	Assistant Township Manager and Planning Director
Subject:	The Well Worship Facility and Coffee Shop – Sketch Plan Review #1
Location:	2250 Genoa Business Park Drive – northwest corner of Grand River Avenue and Genoa
	Business Park Drive
Zoning:	GCD General Commercial District

Dear Commissioners:

As requested, we have reviewed the sketch plan (dated 12/18/14) proposing a new use for two units in the existing retail center at 2250 Genoa Business Park Drive. Specifically, the applicant proposes a 6,918 square foot worship facility (including a 1,000 square foot coffee bar) and a 4,048 square foot youth ministry facility.

We have reviewed the proposal in accordance with the applicable provisions of the Genoa Township Zoning Ordinance and provide the following comments for your consideration.

A. Summary

- 1. As a change in use for an existing building, the project is eligible for sketch plan review (as opposed to a full site plan).
- 2. No exterior site improvements are proposed as part of this project.
- 3. The applicant must provide a signed shared parking agreement between the property owners, along with evidence in support of this arrangement.
- 4. The Commission may wish to require improvements to deficiencies in exterior site features, such as landscaping, lighting and/or waste receptacles and enclosures.
- 5. Any new signage proposed must be in accordance with Article 16 and a permit must be obtained prior to any sign installation.

B. Proposal/Process

The applicant requests sketch plan approval for a change in use within an existing multi-tenant building in the GCD. Places of worship and related facilities are permitted by right in the GCD.

Given the scope of the project, it is eligible for sketch plan review (as opposed to full site plan review) in accordance with Article 18 of the Township Zoning Ordinance.

C. Sketch Plan Review

- 1. **Dimensional Requirements.** With respect to the dimensional requirements of Section 7.03, no external changes are proposed to the existing multi-tenant building.
- 2. Building Materials and Design. There are no changes proposed to the exterior elevations of the existing building.



Aerial view of site and surroundings (looking west)

3. Parking. Based on the parking calculations provided by the applicant, a total of 168 spaces are required (based on individual uses), while 105 are provided on site. As a side note, we believe 1 additional space is required due to a fractional space not counted for the mortgage office.

In order to mitigate this deficiency, the applicant proposes a shared parking agreement with the adjacent office building to the north (Cross Pointe) for use of an additional 67 spaces.

Section 14.02.04 allows the Commission to consider shared parking when:

- The property owners provide a signed agreement; and
- A determination is made that the peak usage will occur at different periods of the day.

The submittal does not include a signed agreement, nor is any evidence provided supporting this arrangement. While one can reasonably assume that the peak usage of a church and office building will be at different periods, the applicant must provide documentation in support of this proposal.

Pertinent information includes the nature of the offices in Cross Pointe, an indication of the hours of operation for those offices, parking calculations for Cross Pointe and details on usage for The Well.

- 4. Pedestrian Circulation. The site plan identifies existing sidewalks along both roadways and between the parking lot and building. Additionally, a new sidewalk is proposed on the north side of the site to connect with the proposed shared parking area on the Cross Pointe property.
- **5.** Vehicular Circulation. The site currently has one driveway accessing Genoa Business Park Drive. The plan does not identify any changes to the existing vehicular circulation pattern as part of this project.
- **6.** Landscaping. The plan does not identify any existing or proposed landscaping. If there are deficiencies in site landscaping, the Commission may wish to require improvements as part of this project.

Genoa Township Planning Commission **The Well** Sketch Plan Review Page 3

- 7. Exterior Lighting. The plan does not identify details of existing exterior site lighting. If existing light fixtures are not up to current Ordinance standards, the Commission may wish to require improvements as part of this project.
- 8. Waste Receptacles. The plan identifies 4 existing receptacles/enclosures along the west side of the site. If the existing receptacles/enclosures are not up to current standards, the Commission may wish to require improvements as part of this project.
- **9.** Signage. The submittal does not identify any new signage proposed as part of this project. New signage must be designed in accordance with the requirements of Article 16 and a permit must be obtained prior to the installation of any new signage.

Should you have any questions concerning this matter, please do not hesitate to contact our office. I can be reached by phone at (248) 586-0505, or via e-mail at <u>borden@lslplanning.com</u>.

Sincerely, LSL PLANNING, INC. Brian V. Borden AICP

Brian V. Borden, AICP Senior Planner



January 6, 2015

Ms. Kelly Van Marter Genoa Township 2911 Dorr Road Brighton, MI 48116

Re: The Well Worship Facility Sketch Plan Review

Dear Ms. Van Marter:

We have reviewed the sketch plan submittal from Lindhout Associates Architects, AIA, PC, dated December 14, 2014. The petitioner is proposing to purchase the existing Genoa retail center located at 2250 Genoa Business Park Drive and convert the four currently vacant units into the new location of The Well Church located at 7191 Grand River Avenue. The northern end of the building will be completely built out for the proposed worship center and coffee shop, with the southern unit converted into a children's ministry. Three existing tenants will remain in the retail center.

SUMMARY

- 1. Provide a copy of the impact assessment for the development.
- 2. Provide construction, grading and drainage details for the proposed sidewalk.
- 3. Review pedestrian flow and access around the site.

PLAN REVIEW

- 1. An impact assessment should be completed to include any changes to the planned use of the building which may affect the existing zoning and utility usage.
- 2. There are no contours provided in the area where the proposed sidewalk is shown. Sidewalk should be designed to meet the Americans with Disabilities Act (ADA) design requirements. Sidewalk ramps should be shown on each end. Adding sidewalk will increase the impervious area of the site, and the existing site drainage calculations should be verified to ensure the system remains adequate and provides for the full site plan application.
- 3. The petitioner is planning to utilize approximately 68 parking spaces in the adjacent parking lot for the Cross Pointe Office Building. There are only two existing pedestrian ramps on the east side of the building which are the intended access to the various units. With plans to utilize the majority

of the parking spaces, additional ramps to the sidewalk around the building should be explored to increase parking lot safety.

The petitioner should provide an impact assessment and revise and resubmit the site plan to address the above comments prior to approval.

Please call if you have any questions.

Sincerely

Joseph Sawet

copy: Holly Osterhout - Lindhout Associates

BRIGHTON AREA FIRE AUTHORITY



615 W. Grand River Ave. Brighton, MI 48116 o: 810-229-6640 f: 810-229-1619

December 29, 2014

Kelly VanMarter Genoa Township 2911 Dorr Road Brighton, MI 48116

RE: The Well Worship Facility & Coffee Shop 2340 Genoa Business Park Drive Site Plan Review

Dear Kelly:

The Brighton Area Fire Department has reviewed the above mentioned site plan. The plans were received for review on December 23, 2014 and the drawings are dated December 18, 2014. The plan review is based on the requirements of the International Fire Code (IFC) 2012 edition.

The project is based on an existing 20,000 square foot building that is protected with a sprinkler system. The uses are currently a mixed use of Assembly, Business, and vacant uses. The applicant is proposing to occupy two of the currently vacant spaces located on either side of the Dentist office for Education (Day Care) and Assembly (Religious Worship) uses.

Areas of concern with this submittal include: the primary fire access drive around the building being only 24' wide and not the currently required 26'; A single point of access off of the main road; and turning radius that do not meet the current standard. However, with consideration being given that this is an existing building that is protected with a sprinkler system and that the proposed uses are similar to the existing uses, no alterations to these features are being requested.

With the following General Comments being corrected, this submittal appears to be I general conformity with the adopted fire prevention code.

General Comments:

- 1. The address on the plan and on the application is incorrect. The Genoa Retail Center has several addresses ranging from 2340 to 2394. 2394 is the existing restaurant on the south end and 2340 is the vacant space on the north end that the Well Church would be occupying. This should be corrected.
- 2. Future project submittals shall include the address and street name of the project in the title block.

IFC 105.4.2

3. The building shall include the building address on the building. The address shall be a <u>minimum of 6"</u> high letters of contrasting colors and be clearly visible from the street. The location and size shall be verified prior to installation.

BRIGHTON AREA FIRE AUTHORITY

December 29, 2014 Page 2 The Well Worship Facility & Coffee Shop 2250 Genoa Business Park Drive Site Plan Review

The applicants design team is reminded that Fire Protection System plans (sprinkler & alarm alterations) and the building life safety plan are reviewed by the fire department. Additional comments will be given during the building plan review process (specific to the building plans and occupancy). If you have any questions about the comments on this plan review please contact me at 810-229-6640.

Cordially,

Michael Evans, EFO, CFPS Deputy Fire Chief



2911 Dorr Road

CONNECTION FEE MEMORANDUM

Brighton, MI 48116		
810.227.5225	RE:	The Well/Coffee Shop
810.227.3420 fax	FROM:	Kelly VanMarter, Assistant Township Manager/Community
genoa.org		Development Director
	DATE:	January 8, 2015

This memo will describe the connection fees required for the proposed church and coffee shop in the multi-tenant building located at 2250 Genoa Business Park Drive.

Assuming a 12,439 sq.ft. church and a coffee shop:

CHURCH - 10,966 sq. ft. (0.13 REUs per 1,000 sq.ft.) COFFEE SHOP -			1.47 REU 2.6 REU	
TOTAL REU's –			4.07 REU -1.2 REU	
Less 1.2 RE	Less 1.2 REU previously paid (Technology Connection)			
Total Amou	Total Amount of REU's Due			
New Conne	New Connection Charge			
Water	2.87 REU @	\$7,900 (MHOG Water)	\$ 22,673.00	
Sewer	2.87 REU @	\$5,500 (Lake Edgewood West)	<u>\$ 15,785.00</u>	
Total amou	Total amount due:			

SUPERVISOR

Gary T. McCririe

CLERK Paulette A. Skolarus

TREASURER

Robin L. Hunt

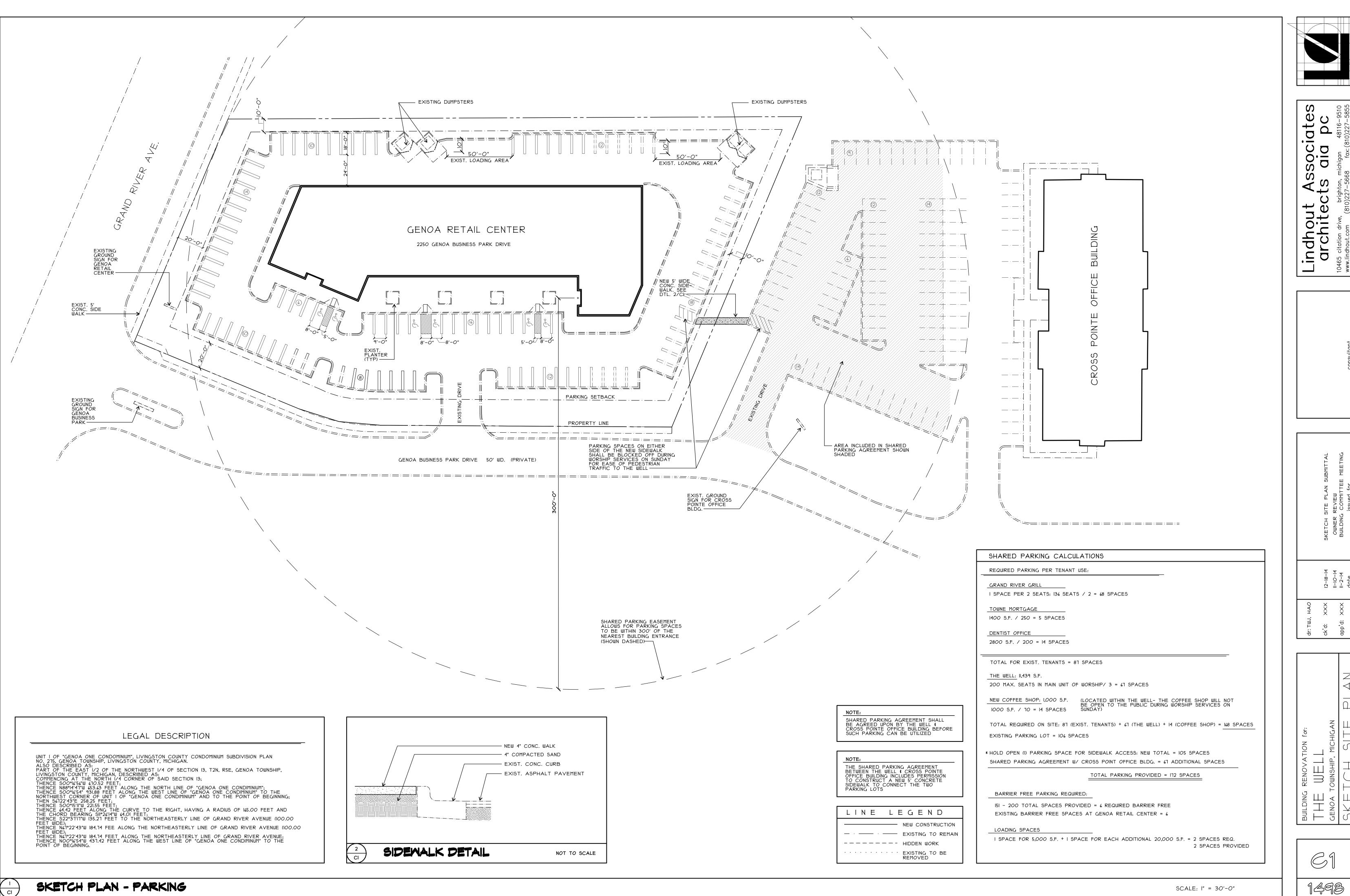
MANAGER Michael C. Archinal

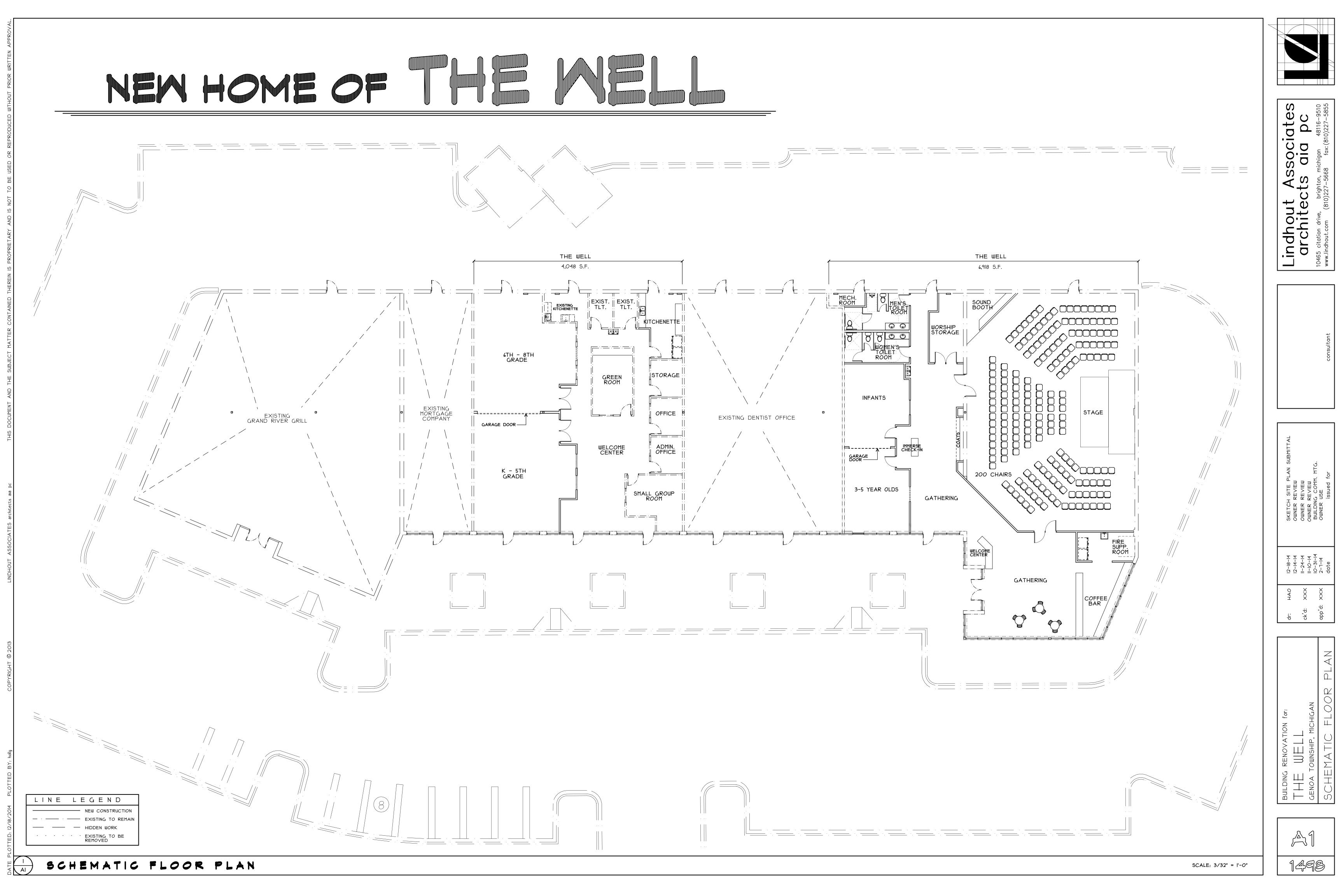
TRUSTEES

H. James Mortensen Jean W. Ledford Todd W. Smith Linda Rowell

Connection Fees must be paid at time of land use permit issuance.

A meter package may also need to be purchased including the appropriate sized meter and a MIU (meter interface unit). I trust this satisfies your request. Should you have any questions please feel free to contact me at 810-227-5225.







GENOA CHARTER TOWNSHIP Application for Site Plan Review

GENOA TOWNSHIP DEC 0 1 2014

TO THE GENOA TOWNSHIP PLANNING COMMISSION AND TOWNSHIP BOARD:

APPLICANT NAME & ADDRESS: Jim Blair, 10050 Innovation Dr., Suite 100, Dayton, OH 45342 If applicant is not the owner, a letter of Authorization from Property Owner is needed.

OWNER'S NAME & ADDRESS: GCG Howell, Ltd., 10050 Innovation Dr., Suite 100, Dayton, OH 45342

SITE ADDRESS: 3950 E Grand River Ave, Howell, MI PARCEL #(s): 11-05-400-047

APPLICANT PHONE: 937-424-3904 OWNER PHONE: 937-434-7218

OWNER EMAIL: jblair@rgproperties.com

LOCATION AND BRIEF DESCRIPTION OF SITE: Lot 4 of the Livingston Commons shopping center

BRIEF STATEMENT OF PROPOSED USE: redevelopment of existing outparcel for a new multi-tenant retail building.

THE FOLLOWING BUILDINGS ARE PROPOSED: 12,000 SF of mutli-tenant retail

I HEREBY CERTIFY THAT ALL INFORMATION AND DATA ATTACHED TO AND MADE PART OF THIS APPLICATION IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

BY: MOS

ADDRESS: 10050 Innovation Dr., Suite 100, Dayton, OH 45342

Contact Information - Review Letters and Correspondence shall be forwarded to the following:

1.) Jim Blair Name

of RG Properties, Inc. Business Affiliation

at_jblair@rgproperties.com

E-mail Address

FEE EX	CEEDANCE AGREEMENT
one (1) Planning Commission meeting. If ac will be required to pay the actual incurred c	the, all site plans are allocated two (2) consultant reviews and diditional reviews or meetings are necessary, the applicant costs for the additional reviews. If applicable, additional review th submittal to the Township Board. By signing below, erstanding of this policy. DATE: $\frac{11/2\omega}{14}$
PRINT NAME. Jim Blair	PHONE: 937-424-3904
ADDRESS: 10050 Innovation Dr., Suit	



January 7, 2015

Planning Commission Genoa Township 2911 Dorr Road Brighton, Michigan 48116

Attention:	Kelly Van Marter, AICP	
	Assistant Township Manager and Planning Director	
Subject:	Redevelopment of Livingston Commons Lot #4 – Site Plan Review #2	
Location:	Southwest corner of Grand River Avenue and Latson Road	
Zoning:	NR-PUD Non-Residential Planned Unit Development District	

Dear Commissioners:

At the Township's request, we have reviewed the revised site plan (dated 12/23/14) proposing a new multi-tenant commercial building, including a drive-through restaurant, for the 2.03-acre site currently occupied by a Bennigan's restaurant.

The site is located at the southwest corner of Grand River Avenue and Latson Road within Phase I of the Livingston Commons PUD, which is zoned NR-PUD. We have reviewed the proposal in accordance with the applicable provisions of the Genoa Township Zoning Ordinance.

A. Summary

- 1. Given the high visibility of this corner, we recommend the applicant retain the "entrance landmark" near the interchange and provide the identification feature near the intersection (with suggested enhancements).
- 2. There are several proposed amendments to the PUD Agreement, including allowance for a double row of parking in the front yard.
- 3. The use conditions for drive-through restaurants are met.
- 4. The applicant requests that side yard parking setbacks be waived per Section 14.06.11.
- 5. The Planning Commission has approval authority over the building elevations, including materials and colors.
- 6. Given the high visibility of this corner, we are of the opinion there is too much EIFS on the front façade and do not feel that wood tiles constitute a high quality natural material. The rear façade, which will be highly visible, is also lacking in design elements.
- 7. The building has the appearance of a multi-tenant center that could be found anywhere and should be enhanced to be more representative of this important corner.
- 8. We recommend the applicant include a note on the building elevation drawing clarifying the number of wall signs for the end units.
- 9. We suggest the Township require details of typical outdoor patio elements at such time as each tenant seeks to use the outdoor dining spaces.

B. Proposal

The applicant requests site plan review/approval for a new 12,000 square foot commercial building with space for up to 5 tenants. The largest tenant space is intended for use as a drive through restaurant.

Drive through restaurants would typically require special land use approval; however, based on the proposed amendments to the PUD Agreement, one drive through restaurant would be permitted on Lot #4 (although others in the future would require special land use approval). Nonetheless, we have reviewed the drive through component of the project for compliance with the use conditions of Section 7.02.02(j).

Genoa Township Planning Commission Livingston Commons Lot #4 Site Plan Review #2 Page 2



Aerial view of site and surroundings (looking north)

C. PUD Agreement

The submittal includes proposed amendments to the existing PUD Agreement for Livingston Commons Phase I. Proposed amendments include:

- Inclusion of the "Red Olive" site into the PUD.
- Allowance for 1 drive-through restaurant on Lot #4 with the potential for future drive through restaurants with special land use approval, even if they are within 500 feet of each other.
- Allowance for the "Red Olive" site to maintain access to Grand River with a right-in/right-out limitation.
- Allowance for one double row of parking in front of a multi-tenant building on Lot #4.
- Removal of the applicant's obligation for an entranceway landmark near the interchange and replacement with a Township identification sign (a 3-foot tall by 10-foot long brick wall with Genoa Township signage affixed and a flagpole in the background).

Our comments are as follows:

- The Red Olive project has been reviewed separately and will require approval for PUD rezoning and site plan review; however, its inclusion is logical from a planning/zoning perspective.
- We defer to the Township Engineer for comments on retaining the access to Grand River; however, it seems unnecessary given the ability to now access the site from the internal service drive.
- The double row of parking in the front yard is a relatively major change. If this were not allowed, the building could be moved closer to the roadway, demonstrating a better presence along this important intersection.
- The interchange area is more of an entry to the community and we do not fully understand the need/desire for a change to entranceway landmark feature that was originally agreed upon.
- We support the identification sign near the intersection and likely would have suggested some type of feature in this location. However, we recommend this be provided in addition to the entranceway landmark near the interchange, as opposed to trading one for the other.
- We believe enhancements are warranted to the identification sign given the importance of this intersection. Suggestions include an increase in size (both height and length), use of decorative lighting (upward or back-lit) and the addition of limestone accents (caps and piers).

D. Use Conditions (Drive-through Restaurant)

Section 7.02.02(j) provides the following conditions for drive-through restaurants:

1. Principal and accessory buildings shall be setback fifty (50) feet from any adjacent public right of way line or property line.

This standard is met.

2. The establishment of a new drive-through restaurant shall require the lot be separated a minimum of five hundred (500) feet from any other lot containing a drive-through restaurant.

This standard is met.

3. Only one (1) access shall be provided onto any street.

Lot #4 does not have direct access to either Grand River Avenue or Latson Road. Vehicular access to this part of the development will be via the existing interior service drive, which has access to both roadways.

4. Such restaurants constructed adjacent to other commercial developments shall have a direct vehicular access connection where possible.

The site plan includes internal access points to the remainder of the Livingston Commons development.

E. Site Plan Review

1. Dimensional Requirements. As described in the table below, the proposal complies with the dimensional standards for this PUD:

	Lot	t Size	Minim	um Setbac	ks (feet)			
District	Lot Area (acres)	Width (feet)	Front Yard	Side Yard	Rear Yard	Parking	Max. Height	Lot Coverage
NR- PUD	1	150	70	15	50	20 front 10 side/rear	35	35% building 75% impervious
Proposal	2.03	270 (Latson)	101.3 (Grand River) 71.3 (Latson)	74.6 (NW) 80.4 (S)	60 (S)	20 front 0 side* 22 rear	28.3	13.6% building 72.1% impervious

* The applicant seeks Planning Commission approval in accordance with Section 14.06.11, which allows modification to side and rear yard parking setbacks where there is shared access.

2. Building Materials and Design. The proposed elevations, including colors and materials, are subject to review and approval by the Planning Commission.

Materials include quick brik, masonry ground face block, wood tile and EIFS, while colors include brown, gray and off-white. We request the applicant present material and color samples to the Commission for their consideration.

We are of the opinion that the front façade contains too much EIFS, particularly given the highly visible location. The PUD Agreement requires 80% of building wall surfaces to be natural materials (such as brick or stone). In response, the applicant notes that 86% of the building is comprised of such materials; however, we do not believe the front façade meets this standard.

Furthermore, we do not believe that the wood tiles are consistent with what was intended by the material requirement. The applicant has indicated that this material "is a new prototypical elevation requirement for Panera Bread."

Additionally, the rear elevation will be highly visible from the internal service drive. While this side of the building is predominantly brick, it lacks the design elements of the front façade. At a minimum, consideration should be given to wrapping the parapet/cornice details around the building.

In closing, the applicant notes that the PUD Agreement requires building architecture that is consistent/compatible with that of surrounding buildings; however, this building has the appearance of a multi-tenant center that could be found anywhere and we believe that enhancements would provide a development more representative of this important corner.

3. Parking. As outlined in the table on Sheet C-2.0, 120 spaces are required for the proposed multitenant building. Additionally, given the nature of the uses, 12 RV spaces, 3 waiting spaces and 10 stacking spaces are also required.

There are 78 spaces proposed within the confines of Lot #4, as well as a portion of the 12 RV spaces, the 3 waiting spaces and the 10 stacking spaces. Additional spaces are available via shared parking with the reconfigured lots west and south of Lot #4.

The parking spaces and drive aisles meet or exceed the dimensional standards of Section 14.06 and a note on Sheet C-2.0 indicates the use of looped (double striped) spaces.

- **4. Pedestrian Circulation.** The plan identifies the existing sidewalks along Grand River and Latson with a connection proposed between the public sidewalk and building. Sidewalks are also proposed around the building and along the Lot #4 side of the existing interior service drive.
- **5.** Vehicular Circulation. As previously noted, Lot #4 does not have direct vehicular access to either roadway. Instead, access is provided at 2 points to the existing interior service drive.

The only potential traffic conflict we see is related to potential blocking of the northerly waste receptacle area by drive through stacking. The applicant has acknowledged this potential conflict and indicated they "will schedule trash pickup to minimize impacts during peak delivery/drive through periods."

6. Loading. The plan identifies the 2 required loading spaces at the rear of the building.

Location	Requirements	Proposed	Comments
Front yard	17 canopy trees	18 canopy trees	Requirements met
greenbelt	17 evergreen trees	18 evergreen trees	
(Grand River	67 shrubs	72 shrubs	
& Latson)	20-foot width	20-foot width (minimum)	
Parking lot	12 canopy trees	12 canopy trees	Requirements met
	1,210 SF landscaped area	4,200 SF landscaped area	
	Hedgerow	Hedgerow	

7. Landscaping. We have reviewed the landscape plan as follows:

8. Waste Receptacle and Enclosure. The project includes 2 new waste receptacle areas. Section 12.04 requires a rear yard or non-required side yard location, unless otherwise approved by the Planning Commission. The proposed placement complies with these standards.

Details on Sheet C-2.3 identify the required concrete base pad and a masonry enclosure, which will match materials used on the building.

- **9.** Exterior Lighting. The submittal includes a lighting plan (Sheet C-6.0), which proposes the installation of 3 new light poles, 4 new light fixtures on existing poles and 12 wall mounted fixtures. The details and photometric readings on Sheets C-6.0 and C-6.1 are all in accordance with the requirements of Section 12.03.
- **10. Signs.** In total, the submittal includes 2 monument signs (existing structures with new sign faces added) and 12 wall signs (3 for each end unit and 2 for each internal unit). Two menu boards are also shown on the site plan. For the applicant's information, up to 2 menu boards are allowed with a maximum size of 16 square feet per board.

Given the site's presence as a corner lot, 2 wall signs are permitted for each business and the Planning Commission may permit 2 monument signs; however, there is nothing in the Ordinance or PUD Agreement that permits a 3rd wall sign for a business. In response, the applicant has indicated that the intent is for the tenants of the end units to pick 2 out of the 3 wall sign options. In order to avoid any confusion in the future, we recommend the applicant add a note to this effect on the building elevation drawings.

Information on sign sizes is needed to confirm compliance with the dimensional standards of Article 16; however, the applicant has stated that it will be each tenant's responsibility to obtain approval and a permit prior to sign installation.

- **11. Impact Assessment.** The submittal includes an Impact Assessment (dated 12/1/14). In summary, the Assessment notes that the project is not anticipated to adversely impact natural features, public services/utilities, surrounding land uses or traffic.
- **12. Additional Considerations.** The site plan identifies 3 outdoor dining patios; however, no details are provided. In response, the applicant indicated that the details are the responsibility of each tenant.

As such, we suggest the Township require information on typical elements such as tables, chairs, umbrellas, trash receptacles and fencing at such time as individual tenants seek to utilize these spaces.

Should you have any questions concerning this matter, please do not hesitate to contact our office. I can be reached by phone at (248) 586-0505, or via e-mail at <u>borden@lslplanning.com</u>.

Sincerely, LSL PLANNING, INC.

Brian V. Borden, AICP Senior Planner



January 6, 2015

Ms. Kelly Van Marter Genoa Township 2911 Dorr Road Brighton, MI 48116

Re: Livingston Commons Lot 4 Redevelopment Site Plan Review #2

Dear Ms. Van Marter:

We have reviewed the resubmitted impact assessment and site plan documents prepared by Wade Trim for the Livingston Commons Lot 4 Redevelopment dated December 23, 2014. The site is on the southwest corner of the intersection of Grand River Avenue and Latson Road. The petitioner is planning to demolish the existing Bennigan's Restaurant and construct a 12,000 sft multi-tenant retail building.

We offer the following comments for consideration by the planning commission:

SUMMARY

1. Review proposed hydrant connection.

SITE PLAN

1. The updated plans include a hydrant on the east side of the building, per the fire department review. MHOG records indicate that there is no 12-inch water line adjacent to the curb line along the north and east sides of the site. Recommend installing a tapping sleeve and valve off the water main that runs along the western side of the lot and extend the water main around the south side of the building to the proposed hydrant location. This new water main will become a public main and an easement will be required, per MHOG standards. Construction plans for the public water main must be reviewed by MHOG. Petitioner will be required to include a completed permit application with the construction plan review

The petitioner should revise and resubmit the site plan to address the above comments prior to approval. Please call if you have any questions.

Sincerely,

Unit Vice President

copy: Charles Christy, P.E., Wade Trim

oseph Sawd

BRIGHTON AREA FIRE AUTHORITY



615 W. Grand River Ave. Brighton, MI 48116 0: 810-229-6640 f: 810-229-1619

January 8, 2015

Kelly VanMarter Genoa Township 2911 Dorr Road Brighton, MI 48116

RE: Livingston Commons Shopping Center 3950 E. Grand River (Lot 4 redevelopment) Site Plan Review

Dear Kelly:

The Brighton Area Fire Department has reviewed the above mentioned site plan. The plans were received for review on December 29, 2014 and the drawings are dated December 1, 2014, with revisions on December 23, 2014. The project is based on the demolition of an existing A-use building and the construction of a new mixed-use building. The building is planned as new 12,000 square foot structure with assembly and mercantile spaces. The plan review is based on the requirements of the International Fire Code (IFC) 2012 edition.

 To achieve proper spacing and placement, an additional fire hydrant is required to be installed on the Grand River side of the property. Provide the location of the water main to be looped around the building and the new hydrant location. (Hydrant is to be placed on the grassy peninsula located along Latson Rd. between Grand River and southeast corner of the parking lot). This hydrant shall be located within 100' of the approved location for the fire department connection. (Corrected by installation of new hydrant to be placed on the Latson Rd. 12" water main; previously unidentified on plan)

IFC 912.2

2. The building shall be provided with an automatic sprinkler system in accordance with NFPA 13, Standard for the Installation of Automatic Sprinkler Systems. (Corrected on Plan)

IFC 903

A. The FDC shall be located on the front of the building (Grand River). The location is to be coordinated with the general and fire suppression contractors; and approved by the fire authority. (Corrected on Plan)

IFC 912.2.1

- B. The size of the fire protection lead and gate valve shall be indicated on the utility site plan. Gate valve is to be controlled with curb box rather than PIV. (Lead size is cited as a 4". Fire protection leads shall be a minimum 6" to meet the size, design and installation requirements of the MHOG Water Authority.)
- C. Each tenant space shall be provided with its own fire protection lead or proprietary means of control and water flow detection of the fire suppression system if derived from a single riser. (Noted in response letter)
- 3. Future project submittals shall include the address and street name of the project in the title block. (Corrected on Plan)

BRIGHTON AREA FIRE AUTHORITY



4. The building shall include the building address on the building. The address shall be a <u>minimum of 6</u>" high letters of contrasting colors and be clearly visible from the street (Grand River). The location and size shall be verified prior to installation. (Noted, to be corrected during building submittal)

IFC 505.1

5. The plan indicates access road/drive width of 24' into the site. The roads shall be provided and maintained at a minimum of 26' wide around the building. With a width of 26' wide, the building side of the drive shall be marked as a fire lane. Include the location of the proposed fire lane signage and include a detail of the fire lane sign in the submittal. Access roads to site shall be provided and maintained during construction. Access roads shall be constructed to be capable of supporting the imposed load of fire apparatus weighing at least 75,000 pounds. (Corrected on Plan)

IFC D 103.5 IFC D 103.6 IFC D 103.1 IFC D 102.1

6. Access around building shall provide emergency vehicles with an outside turning radius of 55' and a minimum vertical clearance of 13 ½ feet. (Corrected on Plan)

IFC D 103.3

7. The location of a key box (Knox Box) shall be indicated on future submittals. The Knox box will be located adjacent to the main entrance of each proposed tenant space in the structure. (Corrected on Plan)

IFC 506.1

8. Provide names, addresses, phone numbers, emails of owner or owner's agent, contractor, architect, on-site project supervisor. (Corrected on Plan)

Additional comments will be given during the building plan review process (specific to the building plans and occupancy). If you have any questions about the comments on this plan review please contact me at 810-229-6640.

Cordially,

Capt. Rick Boisvert Fire Inspector



MEMORANDUM

2911 Dorr Road		
Brighton, MI 48116	TO:	Bo Gunlock
810.227.5225	FROM:	Kelly VanMarter, Assistant Township Manager/Community Development
810.227.3420 fax	TROM.	Director
genoa.org		
	DATE:	January 8, 2015
	55	
	RE:	Lot 4 (Bennigan's) Redevelopment Sewer and Water Tap Fees 3950 E. Grand River (11-05-400-047)
		3550 L. Grand (Wei (11-05-400-047)

This memo will describe the connection fees required for a new 12,000 sq. ft. multitenant building located at 3950 E. Grand River. The connection fees are based on the proposed uses on the site plan dated 12/1/14 revised 12/23/14 as follows:

3,228 sq. ft. retail @ 0.20 REU per 1,000 sq. ft. = 0.65 RE 4,372 sq. ft. drive through restaurant @ 7.5 REU per premise = 7.50 RE		
	TOTAL REU NEW BUILDING =	18.71 REU
	Less previously paid by Bennigan's	-16.60 REU

Water	2.11 REU @ \$7,900	\$ 16,669.00
Sewer	2.11 REU @ \$7,200	\$ 15,192.00
		Total Due: \$ 31.861.00

Connection Fees must be paid at time of land use permit issuance.

A meter package may also need to be purchased including the appropriate sized meter and a MIU (meter interface unit). Should you have any questions please feel free to contact me at 810-227-5225.

SUPERVISOR

Gary T. McCririe

CLERK Paulette A. Skolarus

TREASURER Robin L. Hunt

MANAGER

Michael C. Archinal

TRUSTEES

H. James Mortensen Jean W. Ledford Todd W. Smith Linda Rowell

COVER SHEET FOR

AMENDMENT TO PLANNED UNIT DEVELOPMENT AGREEMENT

FOR PHASE I AND PHASE II LAND

BETWEEN

RLG HOWELL LLC AND GCG HOWELL LLC

AND

PKJJ, LLC

AND

TOWNSHIP OF GENOA

DATED _____, 2014

Prepared By and After Recording Return To: April Ann Jordan Hedrick & Jordan Co., LPA 100 E. Third Street, Suite 500 Dayton, Ohio 45402 937-228-3889

STATE OF MICHIGAN COUNTY OF LIVINGSTON TOWNSHIP OF GENOA

AMENDMENT TO PLANNED UNIT DEVELOPMENT AGREEMENT

This Amendment to Planned Unit Development Agreement is made and entered into this day of ______, 2014, by **RLG HOWELL LLC**, a Michigan limited liability company, and **GCG HOWELL LLC**, a Michigan limited liability company, both of 10050 Innovation Drive, Suite 100, Dayton, Ohio 45342 (collectively, "Owner"); **PKJJ, LLC**, a Michigan limited liability company, of ______ ("PKJJ); and **GENOA CHARTER TOWNSHIP**, a Michigan municipal corporation, 2911 Dorr Road, Brighton, Michigan 48116 ("Township").

RECITATIONS:

Owner possesses fee title to certain real property located in Genoa Charter Township, Livingston County, State of Michigan, described in that certain Planned Unit Development Agreement dated April 6, 1999, and recorded at Liber 2609, Page 0205 of the records of Livingston County, Michigan (the "Phase I PUD").

Subsequent to the Phase I PUD, Owner and Township entered into that certain Planned Unit Development Agreement for Phase II Land dated August 17, 2009, and recorded at 200R-023916 of the records of Livingston County, Michigan (the "Phase II PUD"). The Phase I PUD applied to Phase I and Phase II land described therein, and the Phase II PUD modified provisions pertaining to Phase II.

In 2011 Owner and Township considered a further Amendment to the Phase I PUD Agreement that contemplated the reconfiguration of Lot #4 into two sub-lots; provided however the amendment was never finalized or executed, and as such is of no force or effect.

Pursuant to Article IV, Internal Road Network, subsection 4.1, the Phase I PUD contemplated that the property formerly owned by the Prairie House Restaurant and know owned by PKJJ (the "Red Olive Parcel") described on Exhibit A attached hereto could benefit from an easement established by Owner over and across the Red Olive Parcel.

Owner and PKJJ have agreed to amend Owner's existing Declaration of Restrictions and Easements for Outlots dated September 2, 1999, recorded September 10, 1999, at Liber 2652, Page 0082 of the records of Livingston County, Michigan (the "Declaration") to provide the Red Olive Parcel with access over the access ways on the adjacent lands of Owner and to subject the Red Olive Parcel to the terms of the Declaration.

In connection therewith, Owner and PKJJ wish to amend the Phase I PUD and the Phase II PUD to subject the Red Olive Parcel thereto pursuant to the terms contained herein.

NOW, THEREFORE, Owner and PKJJ, in consideration of the mutual promises contained in this Agreement, hereby agree as follows:

1. <u>Article I, General Terms of Agreement</u> of the Phase I PUD, shall be amended to add the following additional subsection:

1.7 The Red Olive Parcel shall be subject to the terms and conditions of the Phase I PUD, subject to the provisions of this Amendment.

2. <u>Article II, Land Use Authorization</u>, subsection 2.1 of the Phase I PUD, shall be amended to delete the sentence reading "Further, only one drive through restaurant facility shall be permitted and such use shall only be permitted on Lot #1." The following shall be placed in its stead:

One drive through restaurant facility may be allowed on Lot 4. Additional drive through restaurant facilities may be allowed on all parcels within five hundred feet (500') of each other, subject to Special Land Use approval by the Township, including the Special Use Requirements as outlined in the Special Land Use Regulations as they may exist from time to time. The Township and Owner agree that this use shall be considered upon providing that the stacking or queuing of such drive through restaurant facilities shall be sufficient to accommodate expected peak volumes and to minimize conflict with the internal road network located on the Property, as well as any public roadways.

3. <u>Article IV, Internal Road Network</u> of the Phase I PUD, shall be amended to add the following additional sentence:

Notwithstanding anything contained in the Phase I PUD to the contrary, the Red Olive Parcel shall be allowed to maintain access to the Grand River Avenue existing curb cut, provide such access shall be limited to "right-in, right-out" movement.

4. <u>Article VI, Site Improvements</u>, subsection 6.5(a) shall be amended to add the following additional sentence:

Notwithstanding anything contained herein to the contrary, in the event a multi tenant building is constructed on Lot #4, then one double row of parking may be installed in front of the building (also called the "front yard") on Lot #4.

5. <u>Article VI, Site Improvements</u>, subsection 6.5(b) of the Phase I PUD, and subsection 6.4(B) of the Phase II PUD, shall each be deleted, it being acknowledged that Owner shall have no obligation to the Township to provide an entranceway landmark pursuant to the Phase I PUD or the Phase II PUD because such location or locations are not available for such signage. The following shall be inserted instead:

In the event a multi tenant building is constructed on Lot #4, then in addition to any signage otherwise permitted on Lot #4, a Township identification sign shall be placed by the Township on Lot #4. The type and design of the Township identification sign is depicted on

Exhibit B attached hereto. After the installation of the Township identification sign, Owner shall maintain same in good condition and repair.

6. <u>Article VII, Design of Building and Signs</u>, subsection 7.2, Signage, shall be amended to add the following additional sentence:

The owner of the Red Olive Parcel may install a monument sign abutting Grand River Avenue and other signs as may be permitted under the Declaration.

APPROVED by Owner and PKJJ on this ____ day of _____, 2014.

WITNESSES:

RLG HOWELL LLC, a Michigan limited liability company

By: Randall L. Gunlock, Trustee under the Amended Revocable Trust Agreement Dated May 30, 2013, Randall L. Gunlock, Grantor, Managing Member

By: Randall L. Gunlock Its: Trustee

GCG HOWELL LLC, a Michigan limited liability company

By: Glenn C. Gunlock Its: Managing Member

PKJJ, LLC, a Michigan limited liability company

		By: Its:	
STATE OF)) SS:		
COUNTY OF) 55.		

The foregoing instrument was acknowledged before me the ____ day of _____, 2014, by Randall L. Gunlock, Trustee under the Amended Revocable Trust Agreement Dated May 30, 2013, Randall L. Gunlock, Grantor, Managing Member of RLG Howell LLC, a Michigan limited liability company, on behalf of the company.

Notary Public

STATE OF)) SS: COUNTY OF)

The foregoing instrument was acknowledged before me the _____ day of _____, 2014, by Glenn C. Gunlock, Managing Member of GCG Howell LLC, a Michigan limited liability company, on behalf of the company.

Notary Public

STATE OF)) SS: COUNTY OF)

The foregoing instrument was acknowledged before me the _____ day of _____, 2014, by ______, the _____, of PKJJ, LLC, a Michigan limited liability company, on behalf of the company.

Notary Public

APPROVED by the Township Board for the Township of Genoa on the _____ day of _____, 2014, at a meeting duly called and held.

WITNESSES:	TOWNSHIP OF GENOA:		
		By: Its:	
		1.5.	
		By: Its:	
STATE OF	,		
STATE OF COUNTY OF)) SS:)		

The foregoing instrument was acknowledged before me the _____ day of ______, 2014, by _______, who was duly authorized by the Genoa Township Board to sign this Amendment on behalf of Genoa Township and who acknowledged the same to be his/her free act and deed.

Notary Public

STATE OF

COUNTY OF

The foregoing instrument was acknowledged before me the _____ day of ______, 2014, by _______, who was duly authorized by the Genoa Township Board to sign this Amendment on behalf of Genoa Township and who acknowledged the same to be his/her free act and deed.

) SS:

Notary Public

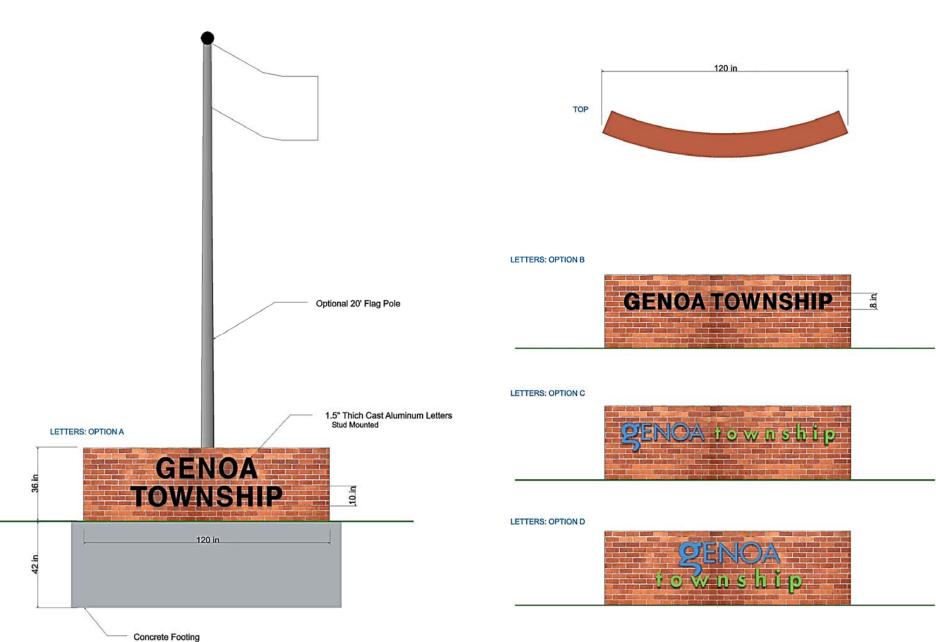
EXHIBIT A

LEGAL DESCRIPTION OF RED OLIVE PARCEL

EXHIBIT B

TOWNSHIP IDENTIFICATION SIGN

wight signs.com	p: 810-588-4703 f: 810-588-4706 NEW LOCATION 8200 Grand River Road Brighton, MI 48114	Customer Name: Company: Street: City: State: Country: Phone: Fax:	Job Number: Order Taken By: Order Date: Delivery Date: Shipping: File Name: RGprop_genoatwp_1214.fs Comments: Description:	NOTE: All sales are final once proofing has begun. There are no refunds once production has begun. Jobs canceled prior to production may be subject to design fees. %50 deposit required before production to begin. Artwork & Files are owned exclusively by W4 Signs, Inc. unless originally provided by client or specifically stated. Original artwork files and rights may be purchased for an additional fee. It is the responsibility of the client to ensure proof accuracy, including all spelling, colors & materials as indicated. After the 3rd proof, each additional revision will incur an additional \$20 fee. Proof approval authorizes W4 Signs to proceed with production of the design selected. Call for specific estimated completion time, otherwise jobs will be completed within the production schedule and/or notified for installation.	
Revisions: 1 2 3	4 5 6	E-mail:		All Balances due upon completion / installation.	
Please verify your proof approval or revision	s have been received.	It is the responsibility of the client to ensure proof accuracy, including all spelling, colors & materials specified.			
Approval Signature:		Date:	NOT APPROVED:	APPROVED: APPROVED W/ REVISIONS:	



Impact Assessment Redevelopment of Lot 4 Livingston Commons Shopping Center Genoa Township, Michigan

December 1, 2014

Prepared for: RG Properties 10050 Innovation Drive, Suite 100 Dayton, OH 45342



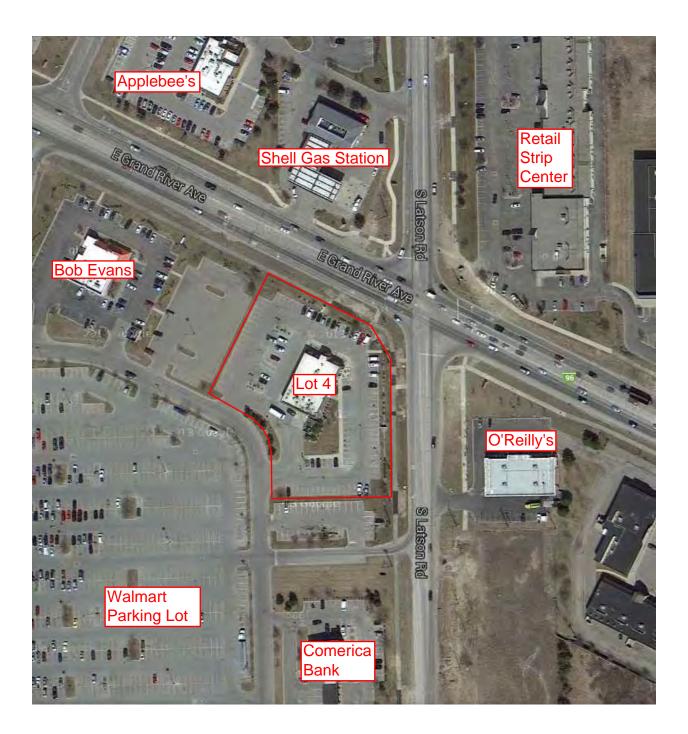


Written Impact Assessment for Redevelopment of Lot 4 Livingston Commons

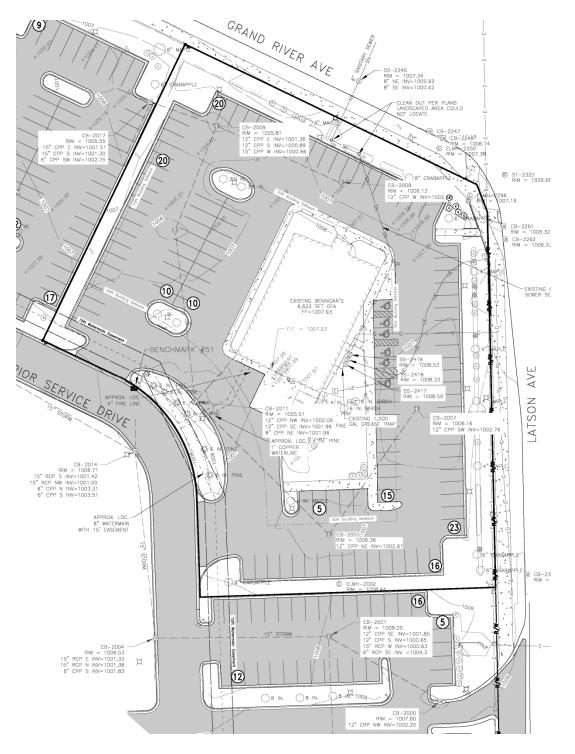
- 18.07.01 Preparer This impact assessment is prepared and assembled by Charles J. Christy, PE. Mr. Christy has been licensed as a professional engineer in the State of Michigan since 1993. During the past 21 years, his experience has primarily focused on land development with commercial, industrial, and residential projects. Mr. Christy has completed numerous site plans, special use permits, and planned unit developments across the State.
- 18.07.02 **Location** The project is located at Livingston Commons Shopping Center, 3950 East Grand River Avenue, Howell, MI. The site is currently developed with a Bennigan's restaurant on approximately 2.03 acres (88,427sft). The site is located at the southwest corner of the intersection of East Grand River Avenue and South Latson Road and is part of a larger overall development which includes WalMart, Lowes, Staples, and other out parcels.

Adjacent properties are occupied by Bob Evans (to the west), O'Reilly Auto Parts (east across Latson), Comerica Bank (to the south), Shell Gas Station (north across E. Grand River), Applebee's (across E Grand River to the west), and a small strip center at the north east quadrant of E Grand River and Latson.

An aerial photograph of the project area is included on the following page.



18.07.03 Impact on natural Features – The site is currently developed with an approximately 6,622sft restaurant, 119 parking space parking lot, storm sewer collection system, sanitary and potable water services, franchise utility services, and landscaping. Please refer to plan Sheet C-0.1 for the existing conditions survey for greater detail. No wetlands are on or adjacent to the site. See below for a snap shot of the existing conditions.



18.07.04 Impact on Stormwater Management – The site is currently approximately 76% impervious and has a series of catch basins and storm sewer pipes to collect surface water runoff. The storm system leaves the site at the northwest corner of the parcel and enters the larger storm water management system for the overall PUD. The overall development, when constructed, has a regional storm water management system consisting of several basins which were designed to manage storm water from all parcels in the PUD.

The proposed redevelopment will be approximately 72% impervious. A majority of the existing catch basins and storm sewer pipe will be retained and utilized to convey storm water runoff after redevelopment, maintaining the existing discharge point from the site. Since the redeveloped site will contain less impervious surfaces due to an increase in landscaping area, the total volume of storm water runoff will be less and the time of concentration will be greater, resulting in a lower peak discharge rate. This being the case, we have not quantified the decrease in runoff or peak discharge rate. We are not proposing any changes to the regional storm water management system (basins).

The proposed work will entail removing some pavement, demolition of the existing building and utilities, and new landscaping. A majority of the existing pavement will remain, including storm structures and pipes. The existing asphalt that is to remain, will be surface milled and overlaid with a new top course. Grading and earthwork, by design, will be kept to a minimum only as required to maintain/re-establish drainage patterns and to allow for the new landscaping.

Managing soil erosion will be accomplished with silt fences, inlet protection, and construction entrance BMP's. Final restoration will consist of asphalt, concrete, lawn and landscaping. Additional detail on the soil erosion control measures can be found in the plan submittal set, Sheets C-7.0 through C-7.3. A soil erosion and sedimentation control permit will be applied for at the Livingston County Drain Commission office.

18.07.05 Impact on Surrounding Land Uses – The surrounding area is developed into retail uses consisting of restaurants, gas service station, and other commercial retail establishments. Both E. Grand River and S. Latson Road are 4 lane roads with a center turn lane and right turn lanes where appropriate. The intersection of E. Grand River and S. Latson Road is signalized with protected left turn lanes.

The proposed redevelopment is a similar use when compared to the existing Bennigan's and the uses on the surrounding properties. Hours of operation will be similar to the surrounding uses. However, Bennigan's is currently not open for breakfast and the proposed development will be open for breakfast. The existing access to the site will remain as currently configured.

The existing lighting on the site will be reconfigured. Several of the light poles will be removed, several of the existing light fixtures will be replaced with lower wattage, and

several new light poles will be strategically located to provide safety and security. Overall, the redevelopment will result in lower lighting intensities.

Dust control will be utilized during the demolition and construction phase to minimize air pollution.

Due to the nature, use, and size of this project, it is not anticipated that the noise levels generated on this site will be greater than the adjacent traffic on E. Grand River and S. Latson Road. Additionally, since this is a retail development, the project will not generate or cause concern with regards to: smoke, airborne solids, odor, vibration, radioactive materials, fire and safety hazards, UST's, or hazardous materials.

18.07.06 Impact on Public Facilities and Services – The proposed use will be nearly double in size as the existing building. The restaurant uses of the proposed building will be approximately 31% larger than the existing use and approximately 3,300sft of retail use will be added to the site.

The increase in use is a fraction of the total square footage of comparable uses in the immediate area. There are other uses in the immediate area that are larger and more susceptible to police action. Although we have not contacted police, fire, or emergency services regarding this project, we conclude that the respective agencies are prepared to respond to the larger uses adjacent to our site, and therefore, have the ability to respond appropriately to incidents on this site.

18.07.07 Impact on Public Utilities – The site is currently serviced by M.H.O.G. for water and sanitary sewer service. An 8-inch water main and hydrants are located along the existing interior service drive. An 8-inch sanitary sewer lead is extended to the site across E. Grand River. The existing sewer service will be extended to the new building and, due to its size, has the capacity to serve the proposed building (an 8-inch pipe at minimum grade has capacity of over 500,000 GPD or 347gpm. A 6-inch pipe at minimum grade has capacity of approximately 400,000 GPD or 277gpm).

Equivalent User Table for proposed building (to be confirmed at building permit application stage).

User	Unit Factor	Qty	Sub-Total
Restaurants (fast food, including drive thru & primary drink service)	7.5 per premise	1 Ea	7.5
Restaurants (meals w/service & dishes)	2.4 per 1,000sft	2,200sft	5.28
Restaurants (take out)	1.0 per 1,000sft	2,200sft	2.2
Retail Stores	0.20 per 1,000sft	3,228sft	0.65
TOTAL			15.63

Based on a REU equivalent of 218 gallons per day, the proposed building would generate 3,407 gallons of sewage per day (15.63 x 218).

The existing water service consists of a potable water lead and 4-inch fire protection main. The existing 4-inch fire protection main will be extended to the new building, providing fire protection through a fully automatic sprinkler system. A new post indicator valve (PIV) will be installed in the 4-inch service near the existing main and a fire department connection (FDC) will be installed on the building.

The existing potable water service connection will be demolished back to the existing main and five (5) new services to the building are proposed.

- 18.07.08 **Storage and Handling of any hazardous Materials –** The proposed use is retail in nature. No hazardous materials will be generated, used, or disposed of on-site.
- 18.07.09 **Traffic Impact Study** We have completed a Trip Generation Comparison for the redevelopment for Township review. This comparison is included at the end of this Impact Assessment.
- 18.07.10 **Historic and Cultural Resources –** The existing structure is not more than 50 years old.
- 18.07.11 Special Provisions The Owner of Lot 4 has a REA agreement with the other tenants / Owners of the overall PUD development allowing shared use of the: internal drives, drive access to E. Grand River & S. Latson Road, and storm water management system. A copy of this REA is included at the end of this Impact Assessment.
- 18.07.12 List of Sources Google for image in 18.07.02
- 18.07.13 **Previous Impact Assessments –** An impact assessment was previously completed for the PUD. This impact assessment focuses on the redevelopment of Lot 4.

TECHNICAL MEMORANDUM

Livingston Commons Lot 4 Trip Generation Comparison

PREPARED FOR:	Kelly VanMarter, AICP/ Genoa Township
PREPARED BY:	Aimée L. Giacherio, PE/Wade Trim
DATE:	November 7, 2014
PROJECT TASK:	RGP1001.01F Phase 240 Impact Assessment
FILE LOCATION:	$P:\Aaa1000\Agiachero\Draft\Projects\Livingston\ Commons\TechMemo.docx$

RG Properties is proposing to redevelop the existing Bennigan's Restaurant in the southwest quadrant of Grand River Avenue and Latson Road in Genoa Township. This area is part of the overall Livingston Commons Shopping Center. The redevelopment would consist of two new multi-tenant buildings in place of the existing Bennigan's Restaurant. The overall scope was to determine the difference in trip generation between the existing restaurant use and the proposed redevelopment project to determine the additional trips that would be generated by the multi-tenant use. This memorandum summarizes the expected difference in trip generation.

Existing Trip Generation

Existing trips generated by the Bennigan's Restaurant were estimated based on the Institute of Transportation Engineer's (ITE) report *Trip Generation, Ninth Edition,* 2012. Trip estimates were developed for the existing 6,622 square foot restaurant based on the High Turnover (Sit-Down) Restaurant use, Land Use Code 932. The weekday afternoon peak hour trip generation estimates are shown in Table 1. This Bennigan's Restaurant was not open during the morning peak hour, thus the existing trip generation during the morning peak hour is zero.

Traffic for a restaurant type use consists of new trips, whose sole purpose is the visit to the site, internal or shared trips, and pass-by trips. New Trips are those that are new to the study area and consist of motorists whose primary destination is the restaurant.

A development that contains multiple uses, such as this one, can be expected to have some internal trip sharing. Since this restaurant is part of the Livingston Commons Shopping Center which includes several banks, restaurants, a Wal-Mart Supercenter, a Lowe's, etc., it is expected that some internal trip sharing occurs between uses. A shared trip is one that visits more than one use on the site and thus lessens the overall impact of a multiple use site on the adjacent street system. An internal trip factor of 20% was applied to the site based on ITE's *Trip Generation Handbook*.

Pass-by trips are typically associated with retail uses, as well as gas stations and restaurants. Pass-by trips are compr<u>i</u>sed of vehicles already traveling on the adjacent roads, which divert



from their original path of travel to visit the development. The ultimate destination of a pass-by trip is directed elsewhere. Pass-by trips were also applied to the existing restaurant use on the site. The pass-by rates were based on ITE's *Trip Generation Handbook*. Based on information provided, a pass-by rate of 43 percent was applied to the restaurant. As a result, the existing restaurant is estimated to generate a total of 30 trips during the during the afternoon peak hour.

Land Use	In	Out	Total
Bennigan's Restaurant	39	26	65
Less Internal Capture (20%)	-8	-5	-13
Net Trips	31	21	52
Less Pass-by Trips (43%)	-13	-9	-22
New Trips	18	12	30

Table 1 Existing Bennigan's Weekday PM Peak Hour Trip Generation Estimate

Proposed Trip Generation

Trip estimates were then developed for the proposed redevelopment of the property to 11,903 square feet of retail and restaurant uses. The redevelopment project is proposed to consist of a 4,300 square foot bread/donut/bagel restaurant with a drive-thru facility, two 2,200 square foot fast-food restaurants without drive-through facilities, and 3,203 square feet of specialty retail uses such as an apparel store, real estate office, cell phone store, florist, mattress store, etc.

Trip estimates were developed for the proposed uses based upon information provided in ITE's *Trip Generation* and *Trip Generation Handbook*. Trips generated for the specialty retail were based on the Specialty Retail land use, Land Use Code 826. The trip generation potential for the bread/donut/bagel restaurant was developed based on the Bread/Donut/Bagel Shop with Drive Through, Land Use Code 940. Trip generation estimates were developed for the two fast-food restaurants based on Land Use Code 933, Fast-Food Restaurant without Drive-Through. None of the proposed uses are expected to be open during the morning peak hour except for the bread/donut/bagel restaurant.

Traffic for the proposed redevelopment will consist of both new trips, whose sole purpose is the visit to the site, internal or shared trips, and pass-by trips. New trips are those that are new to the study area and consist of motorists whose primary destination is the proposed project.

An area that contains multiple uses, such as this one, can be expected to have some internal trip sharing. A shared trip is one that visits more than one use on the site and thus lessens the overall impact of a multiple use site on the adjacent street system. Since this development is part of the Livingston Commons Shopping Center which includes banks, restaurants, a Wal-Mart Supercenter, a Lowe's, etc., it is expected that some internal trip sharing will occur between uses. It is expected that the number of trips generated by these uses will be reduced due to their interaction between the other uses in the development. An internal trip factor of 20% was applied to the site based on ITE's *Trip Generation Handbook*. This is the same factor that was applied to



the existing Bennigan's restaurant. This factor was only applied to the afternoon peak hour trip estimates, and not the morning peak hour estimates for the bread/donut/bagel restaurant.

Pass-by trips involve motorists who are diverted off of the adjacent street system to visit this development. A portion of the trips generated by the redevelopment were assumed to be pass-by trips. These trips divert from existing travel paths to stop at the site and then resume the original trip path. Thus additional trips are not added to the area road system by these pass-by trips. Surveys conducted by ITE have shown that many trips made to grocery stores, restaurants, and shopping areas are diverted from the existing traffic on the roadway system. This is particularly true during the weekday morning and evening peak hours when traffic is diverted from the home-to-work and work-to-home trips. Pass-by rates were based on information provided in ITE's *Trip Generation Handbook*. A pass-by rate of 43% was used for the fast-food restaurants and a rate of 49% was used for the bread/donut/bagel shop restaurant during both the morning and afternoon peak hours. No pass-by was considered for the specialty retail portion of the redevelopment.

The weekday morning peak hour trip generation estimates are shown in Table 2 and the weekday afternoon peak hour trip generation estimates are provided in Table 3.

Land Use	In	Out	Total
Bread/Donut/Bagel Restaurant	83	83	166
Less Pass-by Trips (49%)	-41	-41	-82
New Trips	42	42	84

Table 2 Proposed Weekday AM Peak Hour Trip Generation Estimate

Land Use	LUC Size		Total Trips		Internal Trips		Net Trips		Pass-by Trips		New Trips	
		(SF)	In	Out	In	Out	In	Out	In	Out	In	Out
Bread/Donut/Bagel Restaurant w/Drive-Thru	940	4,300	40	42	8	8	32	34	16	16	16	18
Fast-Food Restaurant (No Drive-Thru)	933	2,200	30	28	6	6	24	22	10	10	14	12
Fast-Food Restaurant (No Drive-Thru)	933	2,200	30	28	6	6	24	22	10	10	14	12
Spec. Retail	826	3,203	13	16	3	3	10	13	0	0	10	13
Total				114	23	23	90	91	36	36	54	55

 Table 3 Proposed Weekday PM Peak Hour Trip Generation Estimates

No access changes to the overall shopping center are proposed with the redevelopment of the restaurant lot. The existing accesses for the Livingston Commons Shopping Center are to be used to access these new land uses. There are currently two accesses to Grand River Avenue, one of which is signalized, and three accesses to Latson Road, two full movement accesses and one right in/right out only access.



Table 4 shows the difference in overall trips estimated between the existing restaurant and the proposed redevelopment project based on detailed land uses.

	AM PEAK HOUR					PM PEAK HOUR						
Scenario	Net TripsPass-by Trips		New Trips Net T		Trips Pass-by Trips		New Trips					
	In	Out	In	Out	In	Out	In	Out	In	Out	In	Out
Existing Restaurant	0	0	0	0	0	0	31	21	13	9	18	12
Proposed Redevelopment	83	83	41	41	42	42	90	91	36	36	54	55
Difference	+83	+83	+41	+41	+42	+42	+59	+70	+23	+27	+36	+43

Table 4 Trip Generation Difference

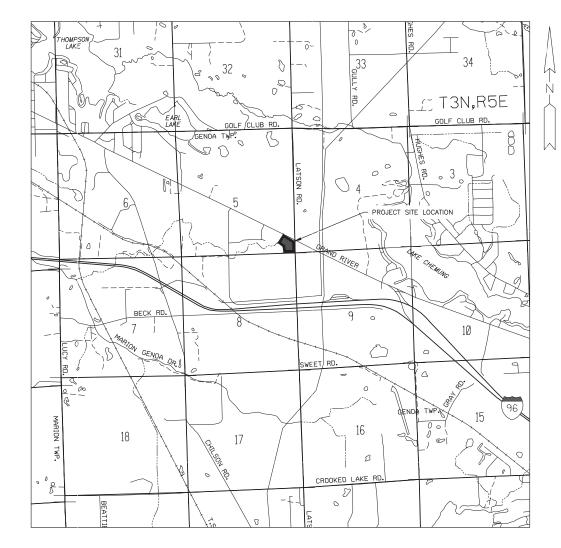
As expected, the proposed development will generate more trips than the existing restaurant use during both the morning and afternoon peak hours. However, the net trip difference is less than 100 directional trips under both peak hours and the actual new trip difference is less than 50 directional trips under both peak hours.

The largest difference in trips between the two occurs during the morning peak hour. This is due to the existing Bennigan's restaurant not being open for breakfast. However, the existing restaurant use approved for this site likely doesn't restrict a restaurant from being open during the morning peak hour. In fact, if it was open, this same size restaurant would generate 72 net trips and 31 new trips, after pass-by traffic is accounted, for with 17 inbound and 14 outbound trips, thus lessening the morning peak hour trip difference. In addition, morning peak hour traffic volumes for this shopping center are lighter than during the weekday afternoon peak hour. Both the Lowe's and Wal-Mart Supercenter generate fewer trips during the morning peak hour than during the afternoon peak hour. In addition, the fast-food restaurants and banks that are part of this shopping center are not open during the morning peak hour. Therefore, it is expected that the additional trips generated by the bread/donut/bagel restaurant during the morning peak hour can be accommodated by the existing driveways for the shopping center as there are less overall trips from the shopping center during this same time period.

Please feel free to contact us at any time if you have questions regarding the information provided in this memorandum or if you need any additional information.



SITE PLANS FOR LIVINGSTON COMMONS, LOT 4 **GENOA TOWNSHIP** LIVINGSTON COUNTY, MICHIGAN



VICI	NI	ΓY	MAF	2
HOWELL,		2000 R5E,	SECTION	5

PROJECT SITE ADDRESS 3950 E GRAND RIVER AVE. HOWELL, MICHIGAN 48843

GENOA TOWNSHIP ZONING DISTRICT -RESIDENTIAL PLANNED UNIT DEVEL

SITE DEVEL

JIM BLAIR RG PROPERTIES, IN 10050 INNOVATION DR. S DAYTON, OH 4534 (937) 424-390-jblair@rgproperties.

ARCHITEC STANFORD R. JOSEPH 9900 CARVER RO CINCINNATI, OH 45 (513) 984-600 mamajo100@aol.c

SITE ENGINEER-WADE TRIM CHARLES J. CHRIST 555 S. SAGINAW STREET FLINT, MI 4850 (810) 235–255 cchristy®wadetrim

> CONTRAC NOT KNOWN AT TH

UTILITY CONTACTS						
GAS	CONSUMER'S ENERGY 101 S. WASHINGTON SQUARE HOWELL, MI 48843 (517), 545–6722					
TELEPHONE	AT&T (800) 464-7929					
ELECTRIC	DETROIT EDISON 101 S. WASHINGTON SQUARE LANSING. MI 48933 (517) 485–1939					
TRANSPORTATION	<u>MiDOT</u> MARK SWENEY 10321 E. GRAND RIVER, SUITE 500 BRIGHTON, MI +8116 (810) 227-4681					
TRANSPORTATION (LATSON RD.)	LIVINGSTON COUNTY ROAD COMMISSIO 3535 GRAND OAKS DRIVE HOWELL, MI 48843 (517) 546-4250					
WATER SERVICE	M.H.O.C WATER AUTHORITY GREG TATARA 2911 DORR ROAD BRIGHTON, MI 48116 (810) 227–5225					
SANITARY SEWER	M.H.O.C. WATER AUTHORITY GREG TATARA 2911 DORR ROAD BRIGHTON, MI 48116 (810) 227–5225					
STORM SEWER	LIVINGSTON COUNTY DRAIN COMMISSIONER 2300 E GRAND RIVER AVE, SUITE 105 HOWELL, MI 48843 (517) 546-0040					
SOIL EROSION	LIVINGSTON COUNTY DRAIN COMMISSIONER 2300 E GRND RIVER AVE, SUITE 105 HOWELL, MI 48843 (517) 546-0040					
PLANNING & ZONING	GENONA TOWNSHIP 2911 DORR ROAD BRIGHTON, MI 48116 (810) 227–5225					

LEGAL DESCRIPTION: (ALSO SEE SHEET C-0.1)

LOT 4 4711-05-400-047

Know what's below. Call before you dig.

PARCEL OR LAND SITUATED IN THE TOWNSHIP OF GENOA, COUNTY OF LIVINGSTON, STATE OF MICHIGAN DESCRIBED AS FOLLOWS:

MINITHINH DESCRIED AS FOLLOWS: (C AT THE SOUTHEAST CORTER OF SECTION 5. TOWN 2 NORTH: RANGE 5 EAST; UTH 87 DECREES 37 MINITES 12 SECONDS WEST ALONG THE SOUTH LINE OF NOR 60.02 FET TO THE WESTERY RORTH OF WAY LINE OF LATSON ROAD; THENCE DECREES 54 MINUTES 40 SECONDS WEST, ALONG SAD RIGHT OF WAY LINE, TO TO THE POINT OF BEGINNING, THENCE SOUTH 88 DECREES 27 MINUTES 00 TEST, 21.308 FEET; THENCE NORTH 01 DECREES 33 MINUTES 24 SECONDS WEST, 100 ADD, FELT, SAES, DECREES 27 MINUTES 30 SECONDS, AD DISTARTS OF 11.1.99 TO A TANGENTIAL CURVE OTHL LET; THENCE NORTHWESTERY ALONG SAD 100 ADD, FELT, SAES, DECREES 27 MINUTES 31 SECONDS, AD DISTARTS OF 11.1.99 DECREES 59 MINUTES 40 SECONDS EAST, 26.09 FEET TO A POINT ON THE RIGHT OF WAY LINE OF GRAND RIVER ROAD; THENCE SOUTH 63 DECREES 57 'SECONDS EAST, ALONG SAD RIGHT OF WAY LINE, 21.35.05 FEET TO A POINT ON THE RIGHT OF WAY LINE OF GRAND RIVER ROAD; THENCE SOUTH 63 DECREES 57 SECONDS EAST, ALONG SAD RIGHT OF WAY LINE, 21.75 FEET; THENCES SUITH 0A FORM TO THE RIGHT OF WAY LINE OF GRAND RIVER WAY LINE, 21.75 FEET; THENCES SUITH 00 THE RIGHT OF WAY LINE OF SECONDS EAST, 21.17 FEET; THENCES SOUTH 63 DECREES 31 MINUTES 4 MINITES 40 SECONDS EAST, ALONG SAD RIGHT OF WAY LINE, 270.73 FEET TO 0 F MAY LINE OF SEAST, ALONG SAD RIGHT OF WAY LINE, 270.73 FEET TO 0 FEDINALS.

SAID PARCEL CONTAINS 2.03 ACRES, MORE OR LESS.

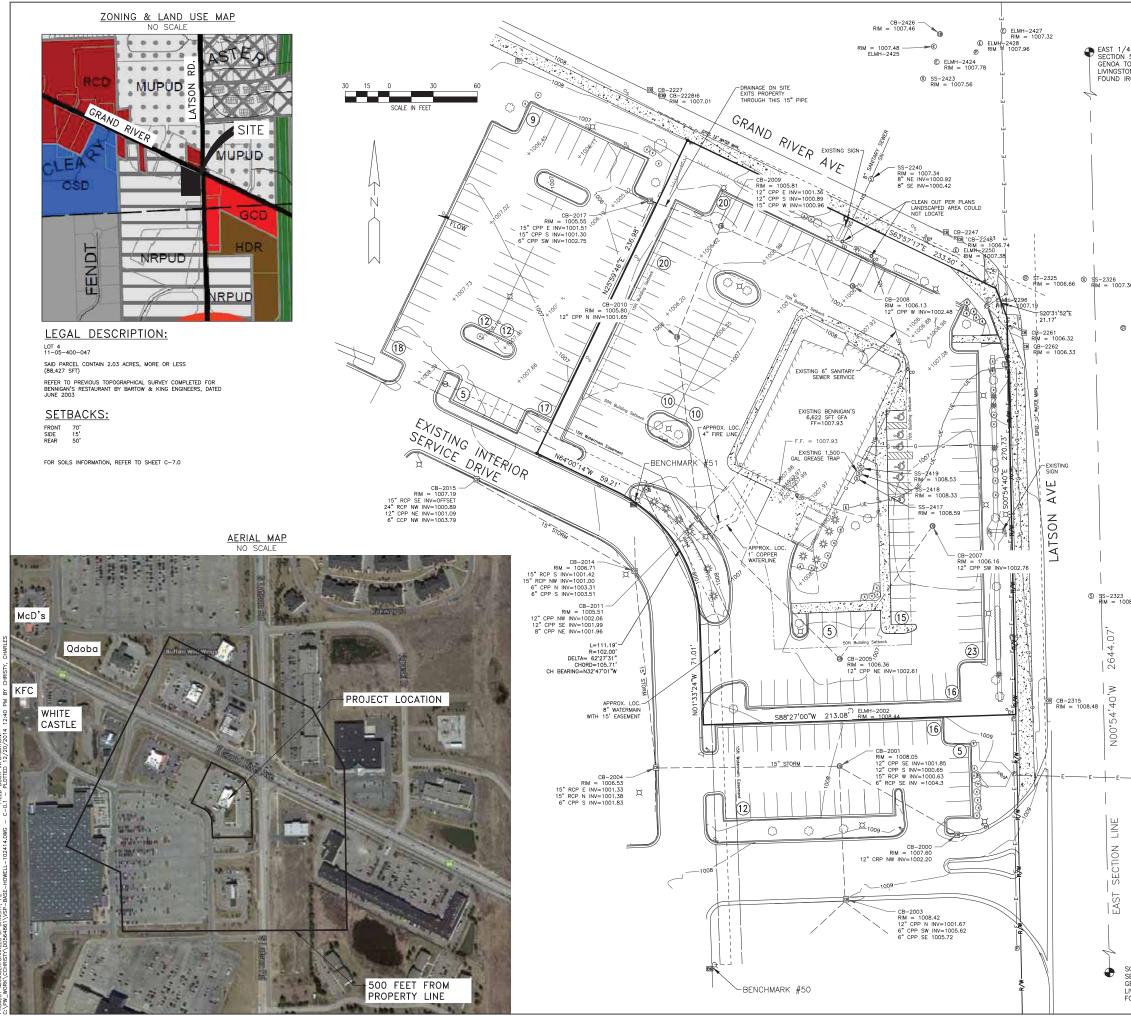
THE ABOVE LEGAL DESCRIPTION DOES NOT CONSIDER LAND DEEDED TO THE MICHIGAN DEPARTMENT OF TRANSPORTATION (MDOT) IN 2012, DEED DOCUMENT #2012R-030745

MDOT STANDARD PLANS WHERE INDICATED ON THE PLANS, ITEMS ARE TO BE CONSTRUCTED ACCORDING TO THE STANDARDS REFERENCED, UNLESS OTHER NOTED. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A CURRENT COPY OF THE MODT STANDARD PLANS.

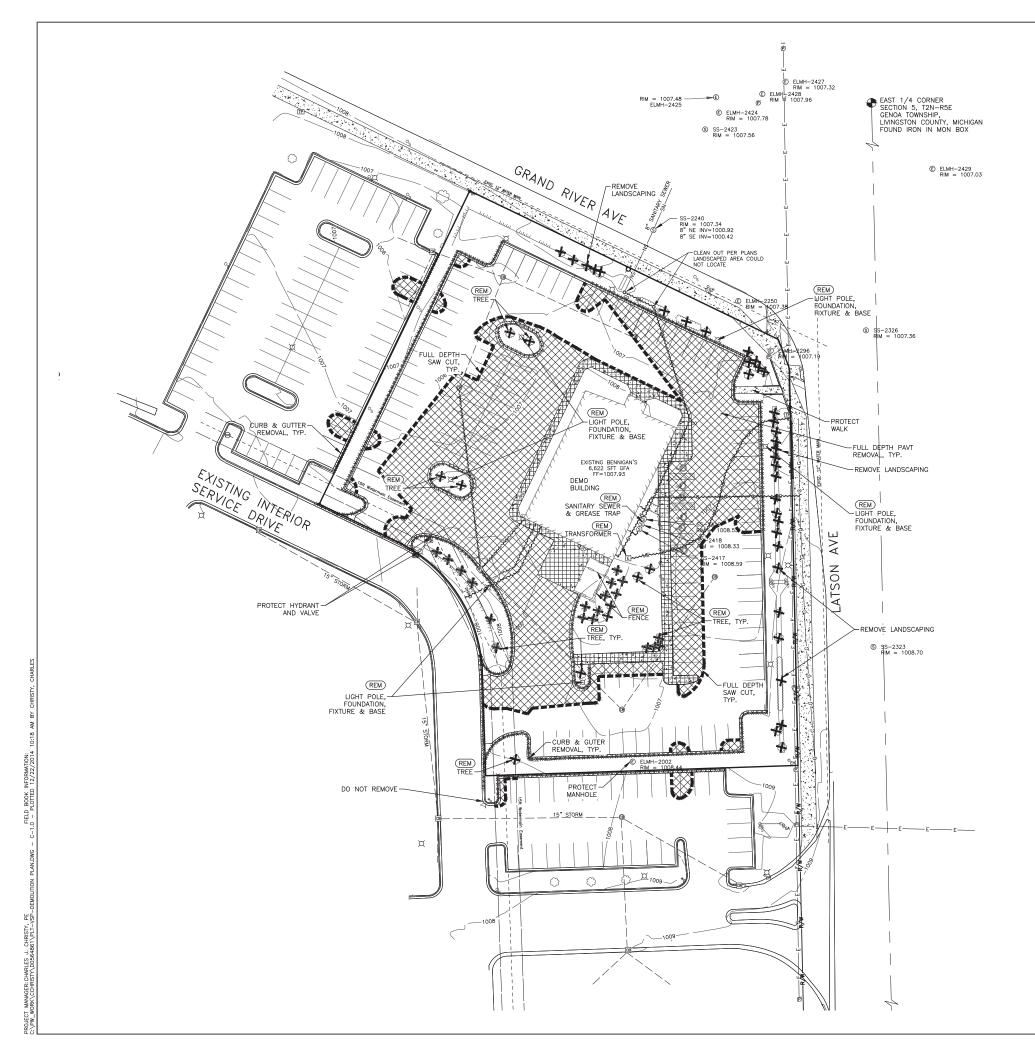
GENOA TOWNSHIP STANDARD PLANS WHERE INDICATED ON THE PLANS, ITEMS ARE TO BE CONSTRUCTED ACCORDING TO THE STANDARDS REFERENCED, UNLESS OTHER NOTED. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A CURRENT COPY OF THE GENOA TOWNSHIP STANDARD PLANS.

LIVINGSTON COUNTY STANDARD PLANS WHERE INDICATED ON THE PLANS, ITEMS ARE TO BE CONSTRUCTED ACCORDING TO THE STANDARDS REFERENCED, UNLESS OTHER NOTED. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A CURRENT COPY OF THE LUNIOSTON COUNTY STANDARD PLANS.

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GENERAL SHEETS		SHEET NO.		
COVER SHEET	_	C-0.0		
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DEMOLITION PLAN		C-1.0		
SITE PLAN SITE DETAILS		C-2.0 C-2.1		
SITE DETAILS		C-2.2		
SITE DETAILS	· · · ·	C-2.3		
UTILITY PLAN		C-3.0		
WATER DETAILS		C-3.1		
SANITARY DETAILS		C-3.2		
SANITARY DETAILS STORM & MISCELLANEOUS		C-3.3 C-3.4		
GRADING PLAN		C-3.4 C-4.0		
DRAINAGE MAP		C-4.1		
LANDSCAPE PLAN		C-5.0		
LANDSCAPE DETAILS		C-5.1		
SITE LIGHTING PLAN		C-6.0		
SITE LIGHTING DETAILS		C-6.1		
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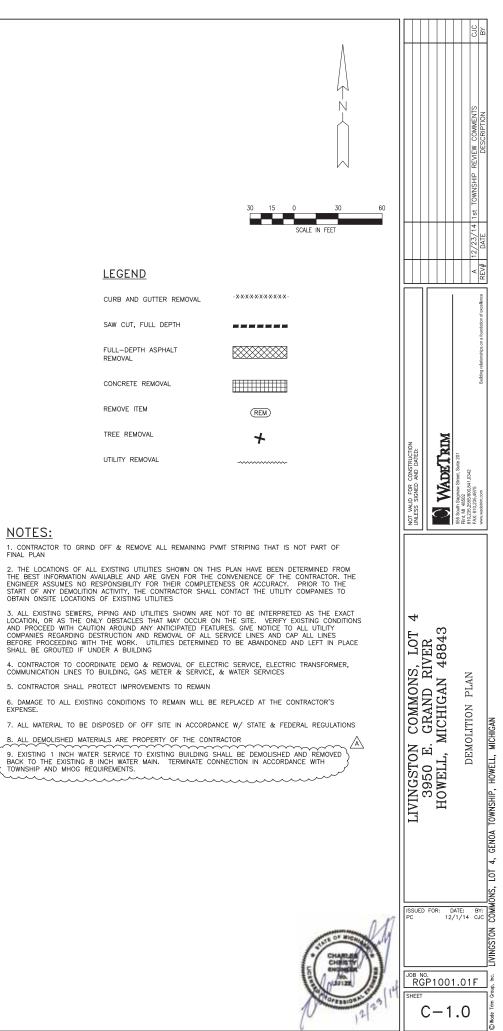


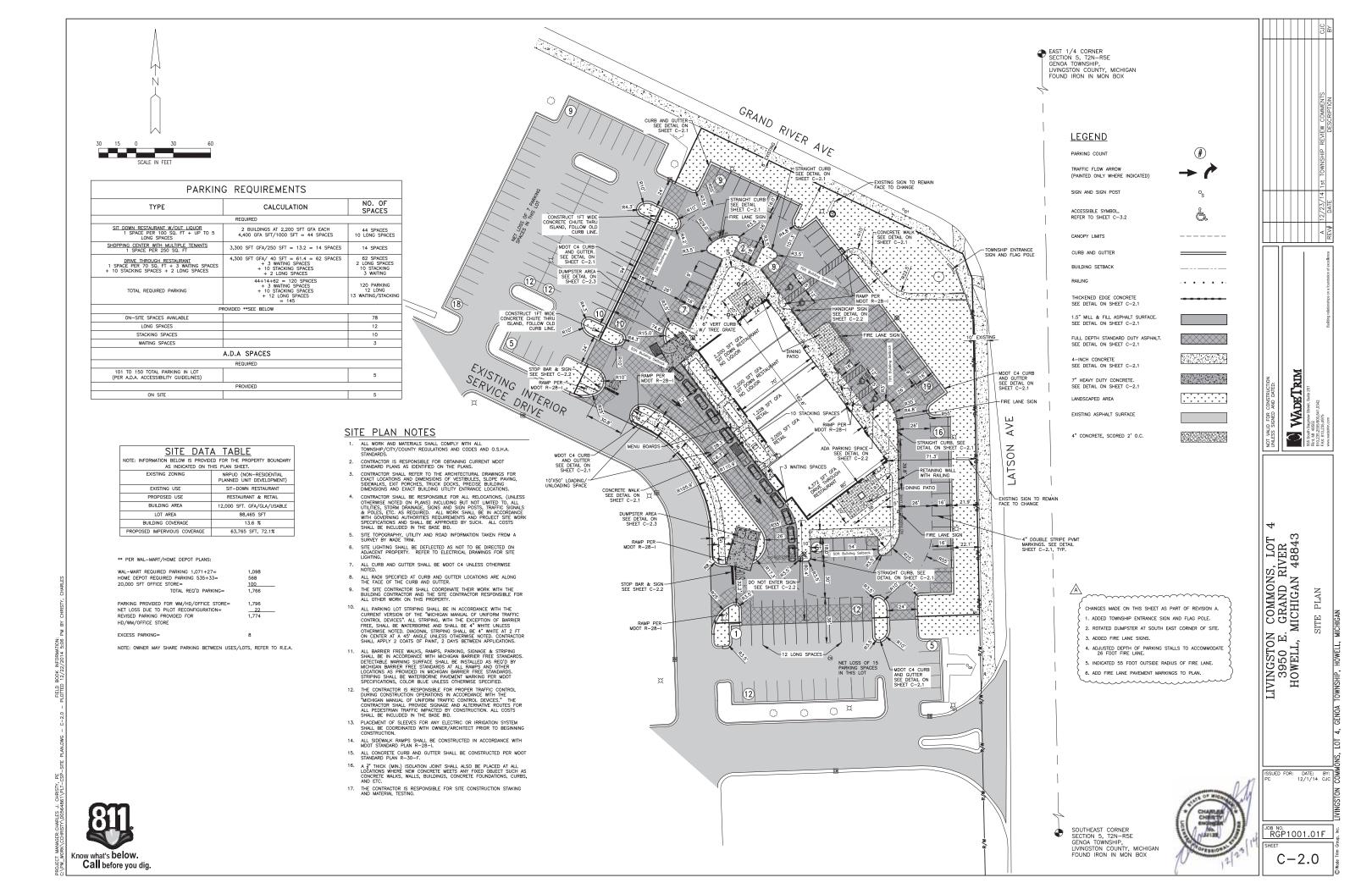
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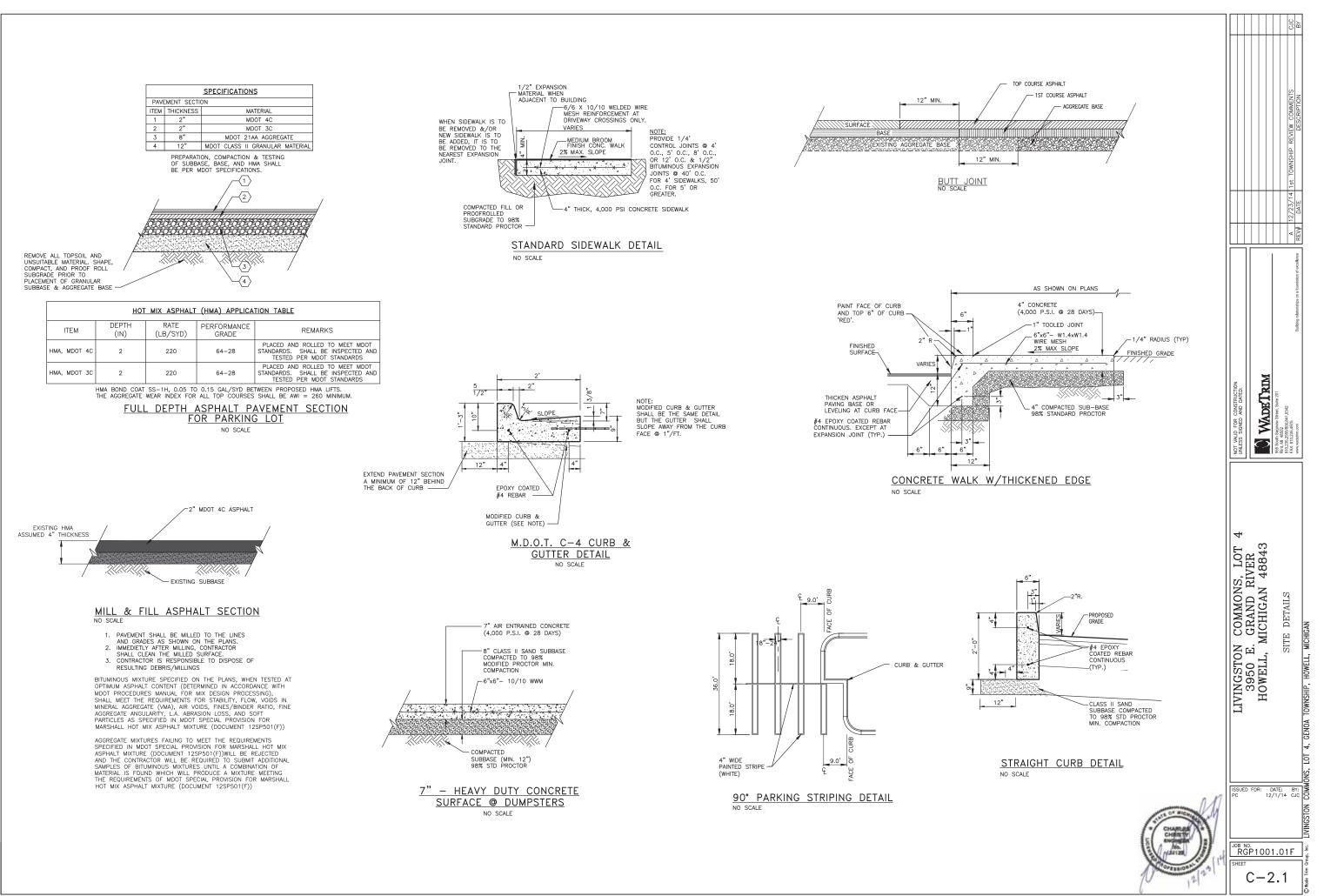


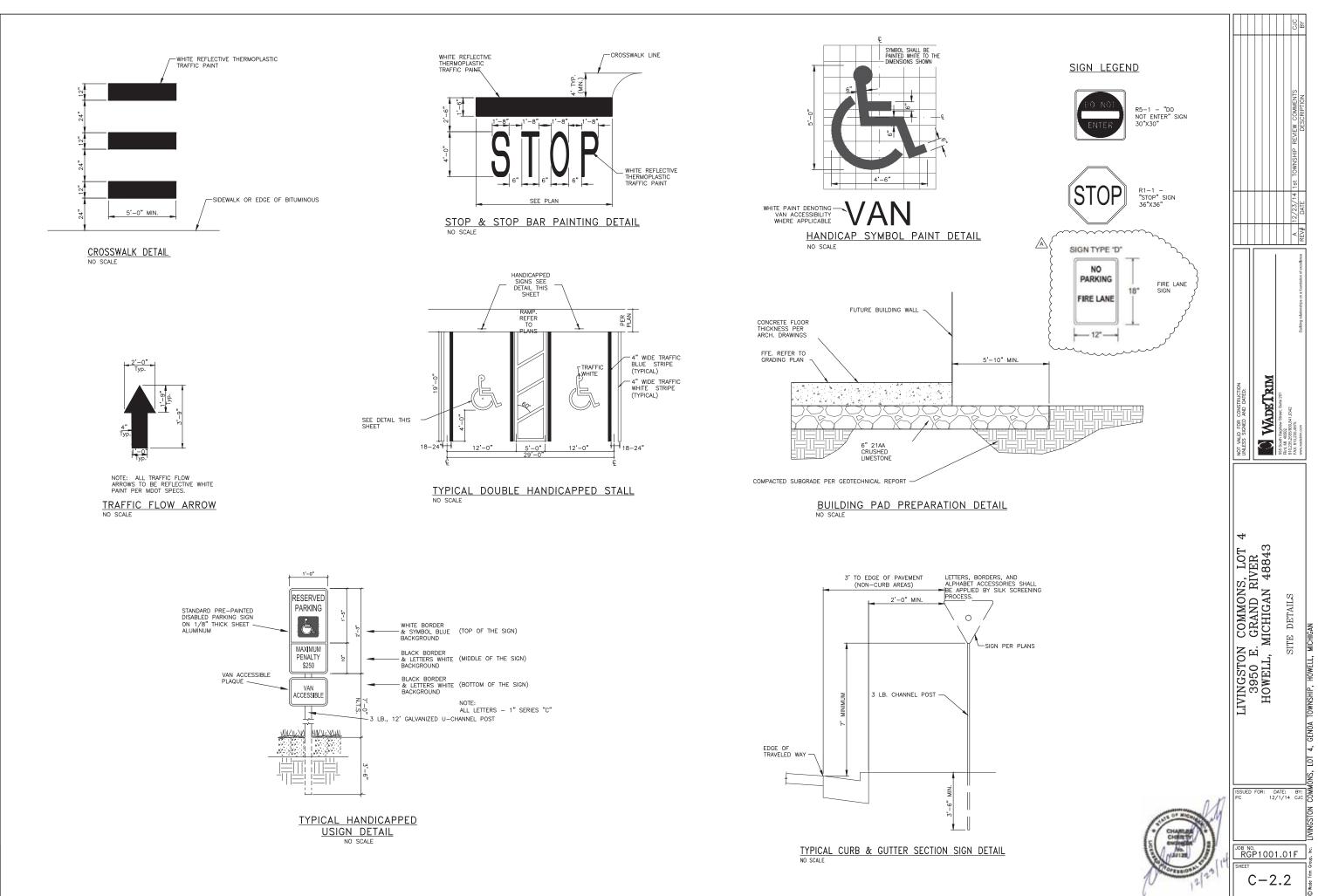
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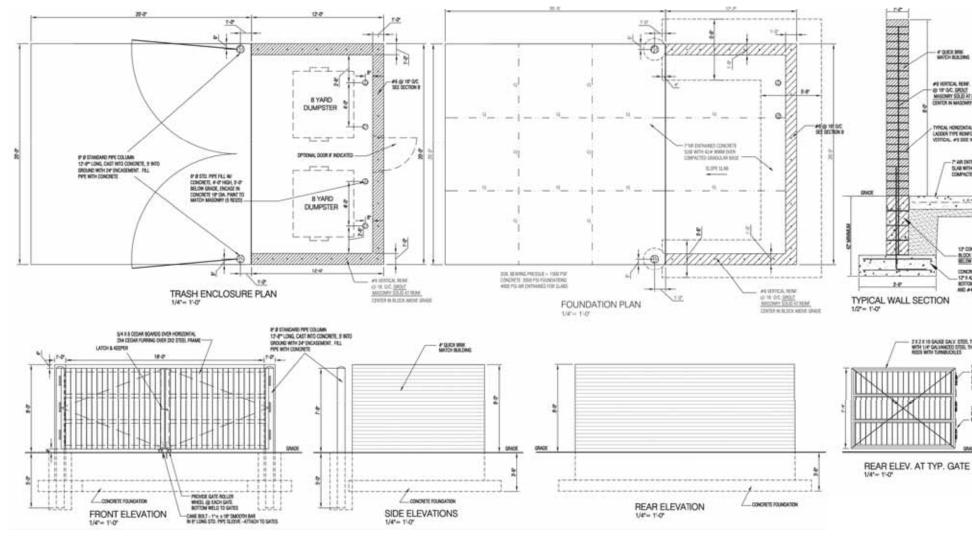
FINAL PLAN



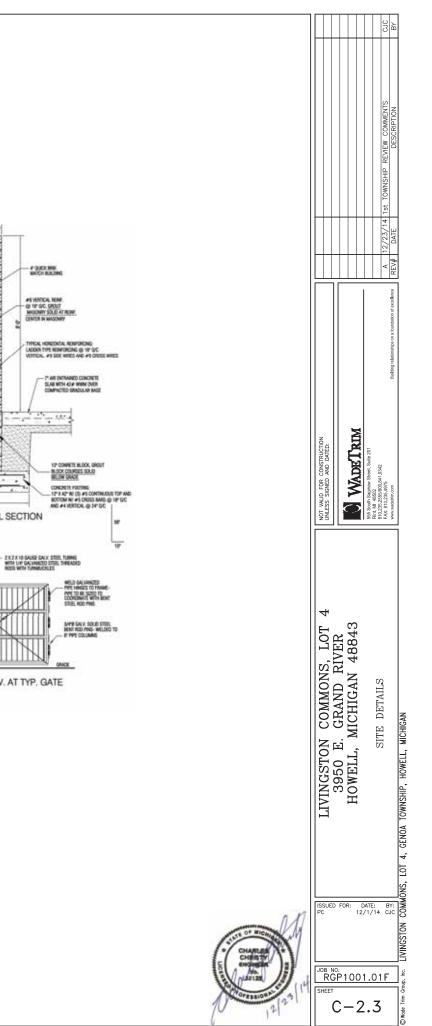








DUMPSTER ENCLOSURE DETAILS



SANITARY SEWER						
	TYPE	LENGTH	BEGIN INV.	END INV.	SLOPE	
SSWR #1	6" PVC SCH 40	96	1000.91	1001.91	1.04%	
SSWR #2	6" PVC SCH 40	80	1002.21	1003.04	1.04%	

STORM SEWER							
	RIM ELEV.	INV	COVER				
CB #1	1007.27	1001.80	FLAT, RADIAL GRATE, EJIW #1040 Z / 1040 M3				
STM #1	1006.43	1002.07	FLAT, RADIAL GRATE, EJIW #1040 Z / 1040 M3				
IL #1	1008.18	1002.36	SOLID, TRAFFIC RATED				
IL #2	10067.31	1002.18	SOLID, TRAFFIC RATED				
IL #3	1006.64	1002.27	SOLID, TRAFFIC RATED				
IL #4	1007.39	1002.46	SOLID, TRAFFIC RATED				

STORM PIPING						
PIPE	FROM	то	LENGTH	SLOPE	MATERIAL	SIZE
P-1	CB-2010	CB #1	72	0.21%	ADS-N12	12"
P-2	CB #1	CB-2011	90	0.21%	ADS-N12	12"
P-3	CB-2011	STM MH #1	16	0.50%	ADS-N12	12"
P-4	I.L #1	BLDG	22	1.00%	PVC	10"
P-5	I.L #2	I.L #1	35	0.50%	PVC	12"
P-6	I.L #2	BLDG	22	1.00%	PVC	10"
P-7	STM MH #1	I.L #2	22	0.50%	PVC	12"
P-8	STM MH #1	I.L #3	40	0.50%	PVC	12"
P-9	I.L #3	BLDG	22	1.00%	PVC	10"
P-10	I.L #3	I.L #4	38	0.50%	PVC	12"
P-11	I.L #4	BLDG	12	1.00%	PVC	10"

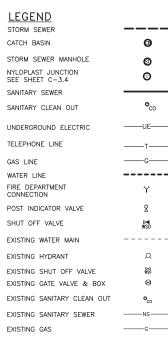
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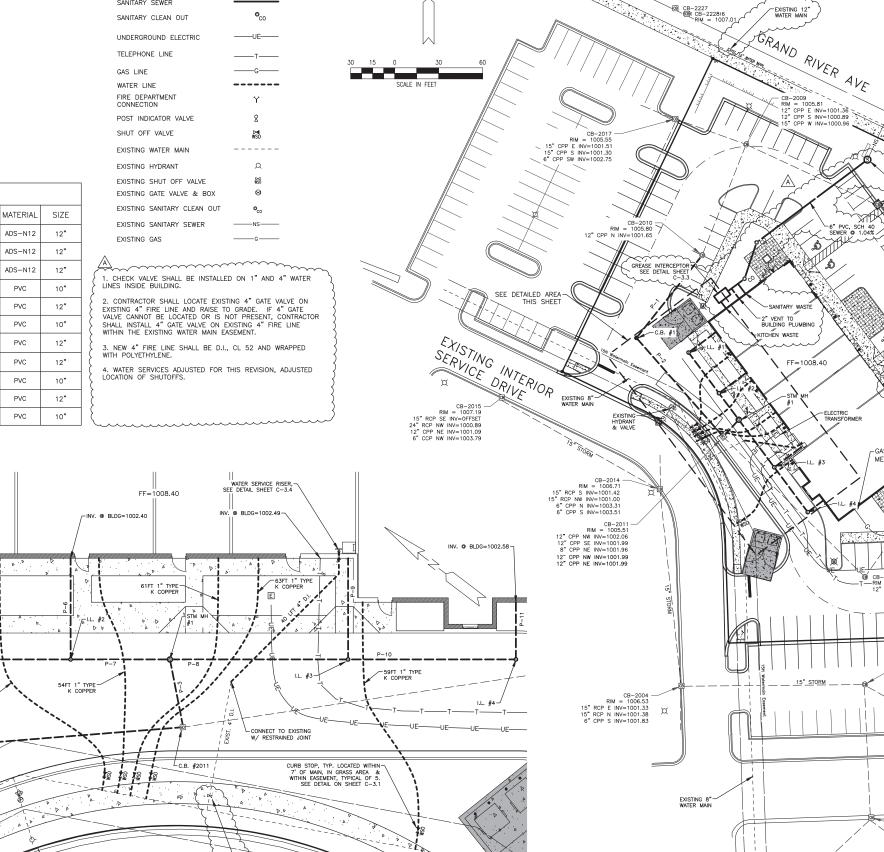
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63FT 1" TYPE K COPPER





SEE NOTE #2, REV A.

DETAILED VIEW SCALE: 1"=10'

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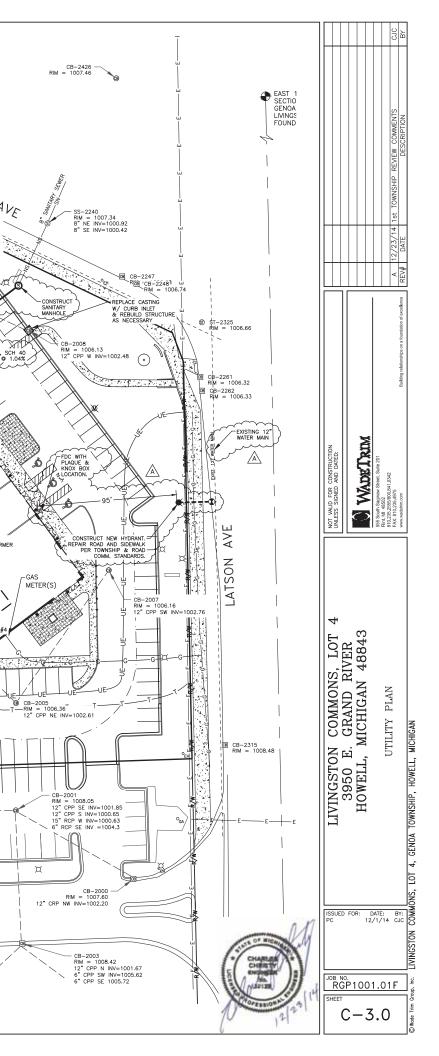
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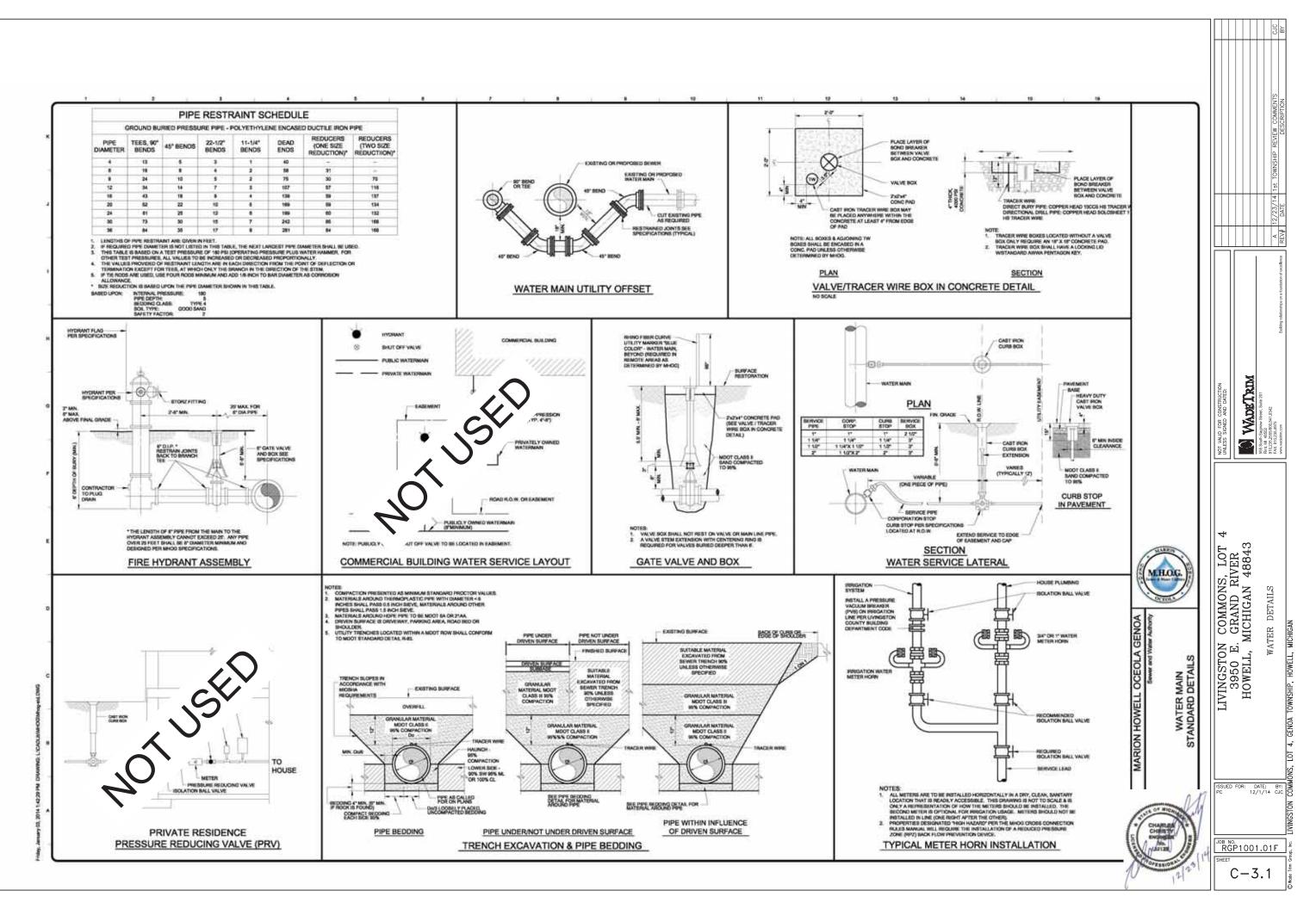
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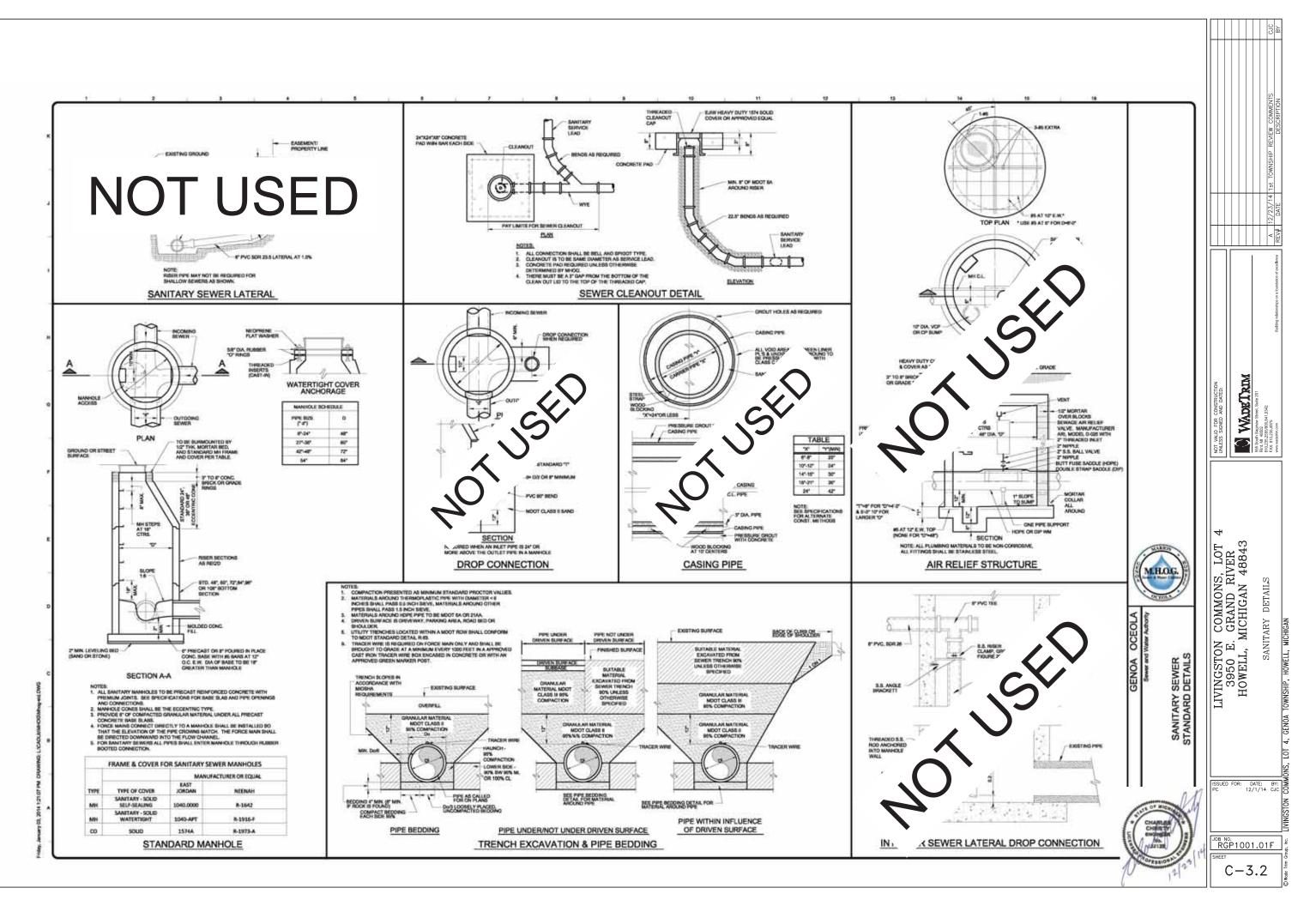
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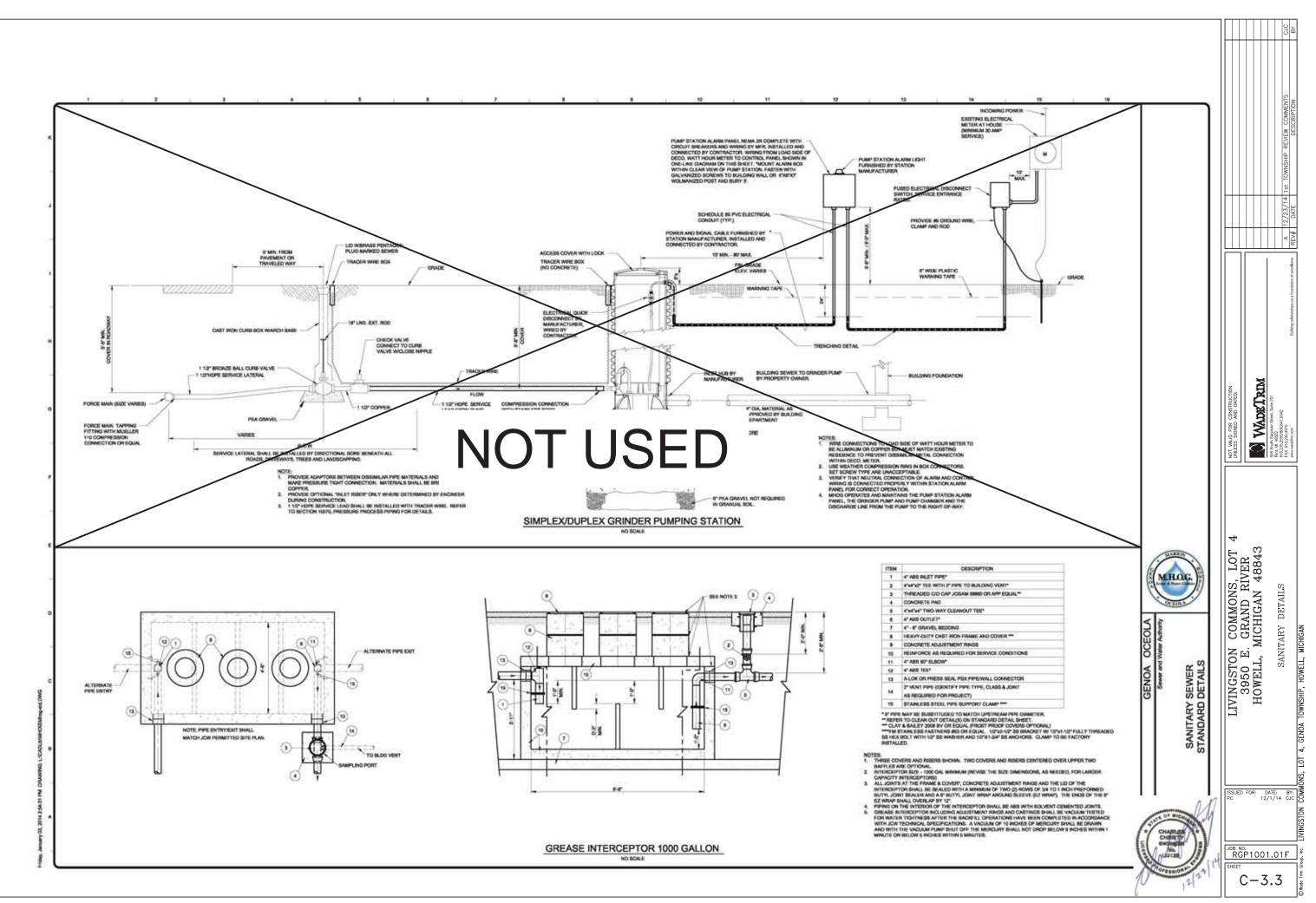
DOWNSPOUT CONNECTION, SEE DETAIL ON SHEET C-3.4, TYP.

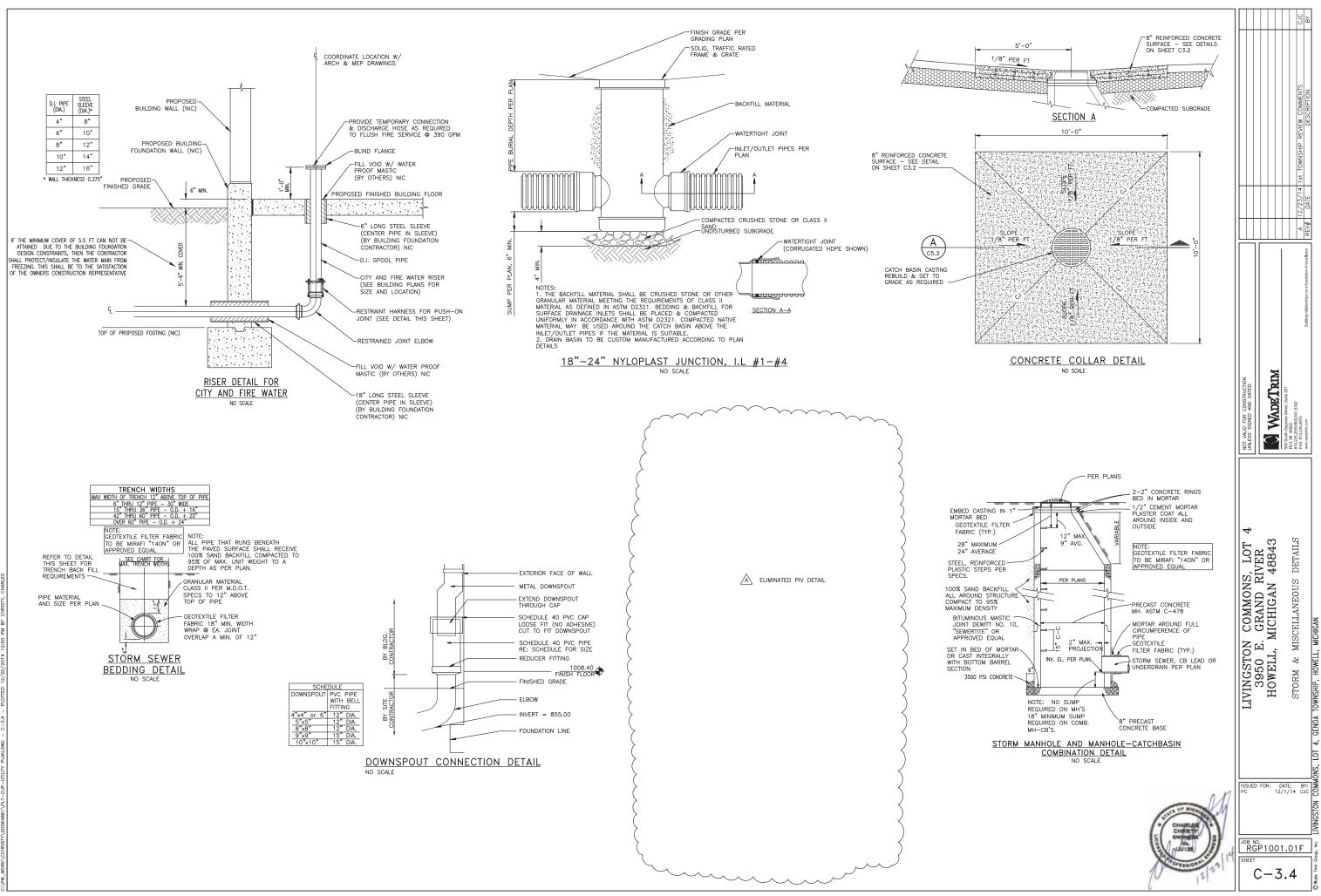
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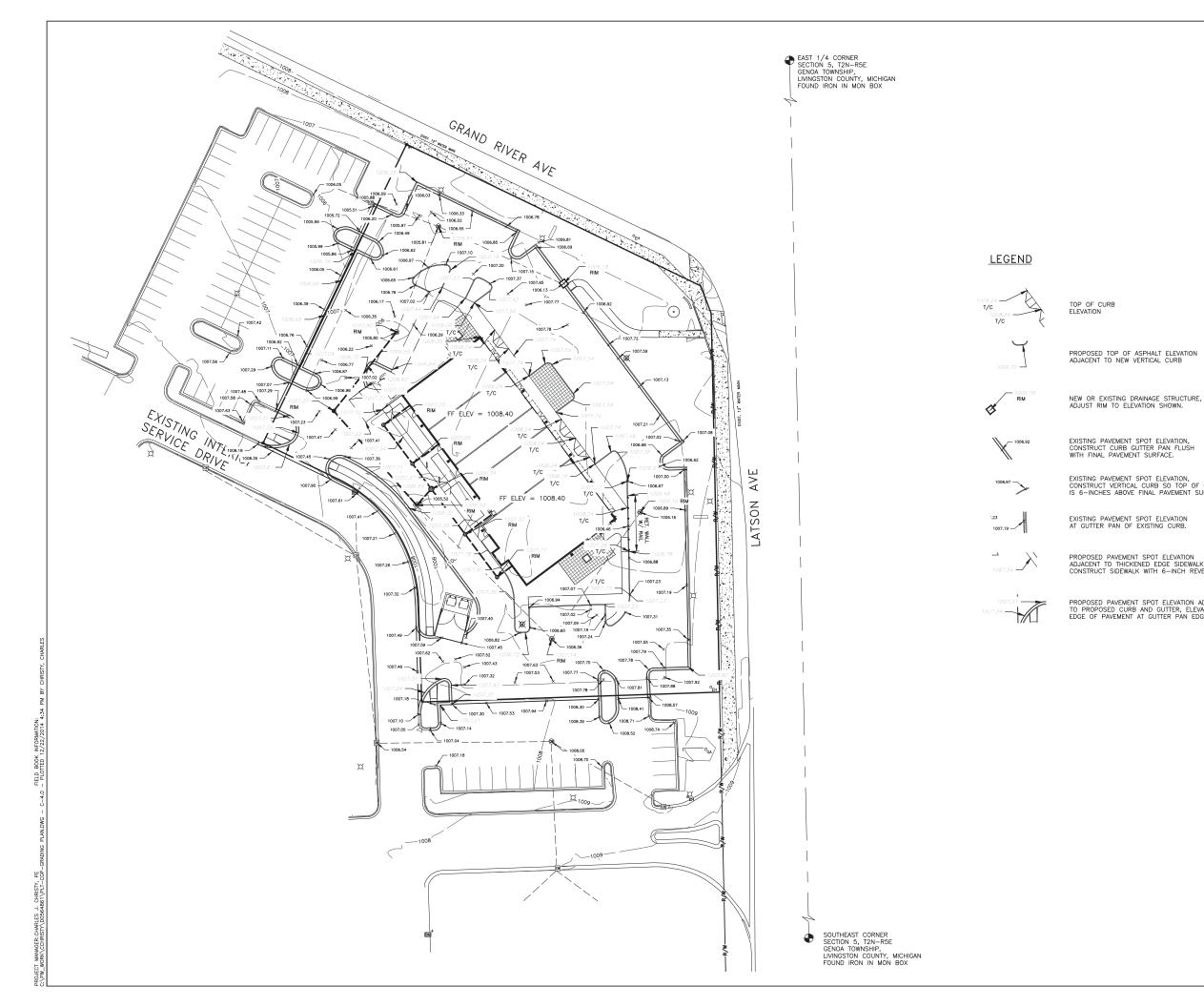


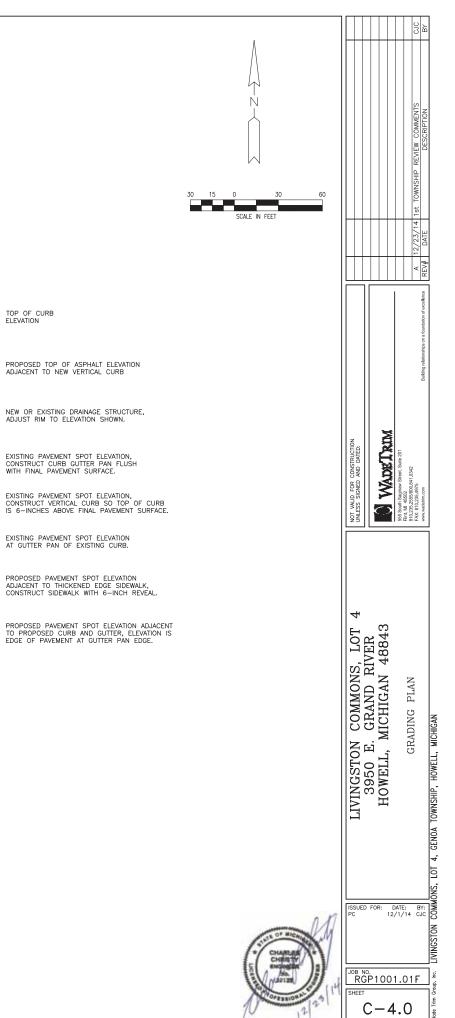


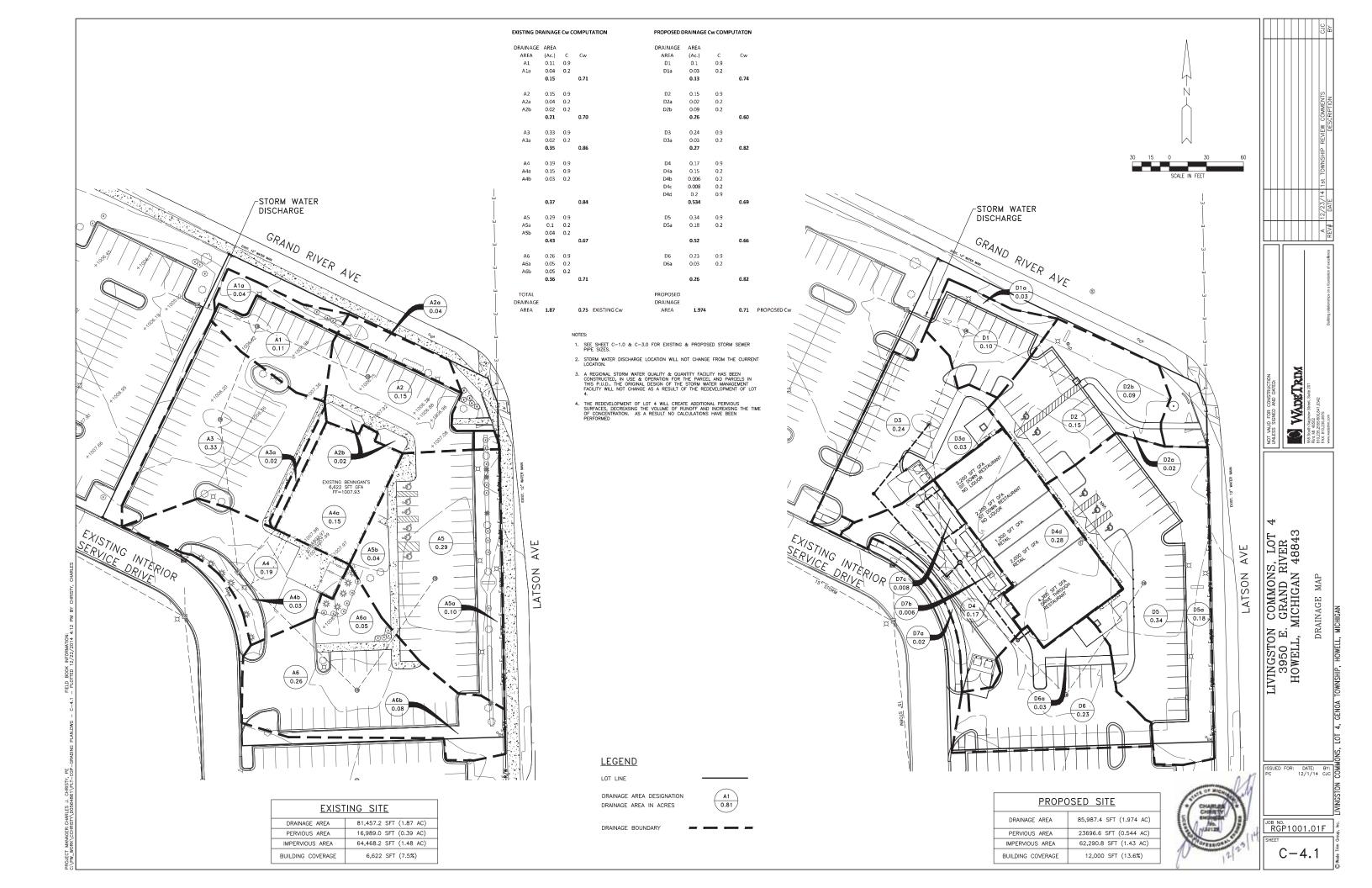


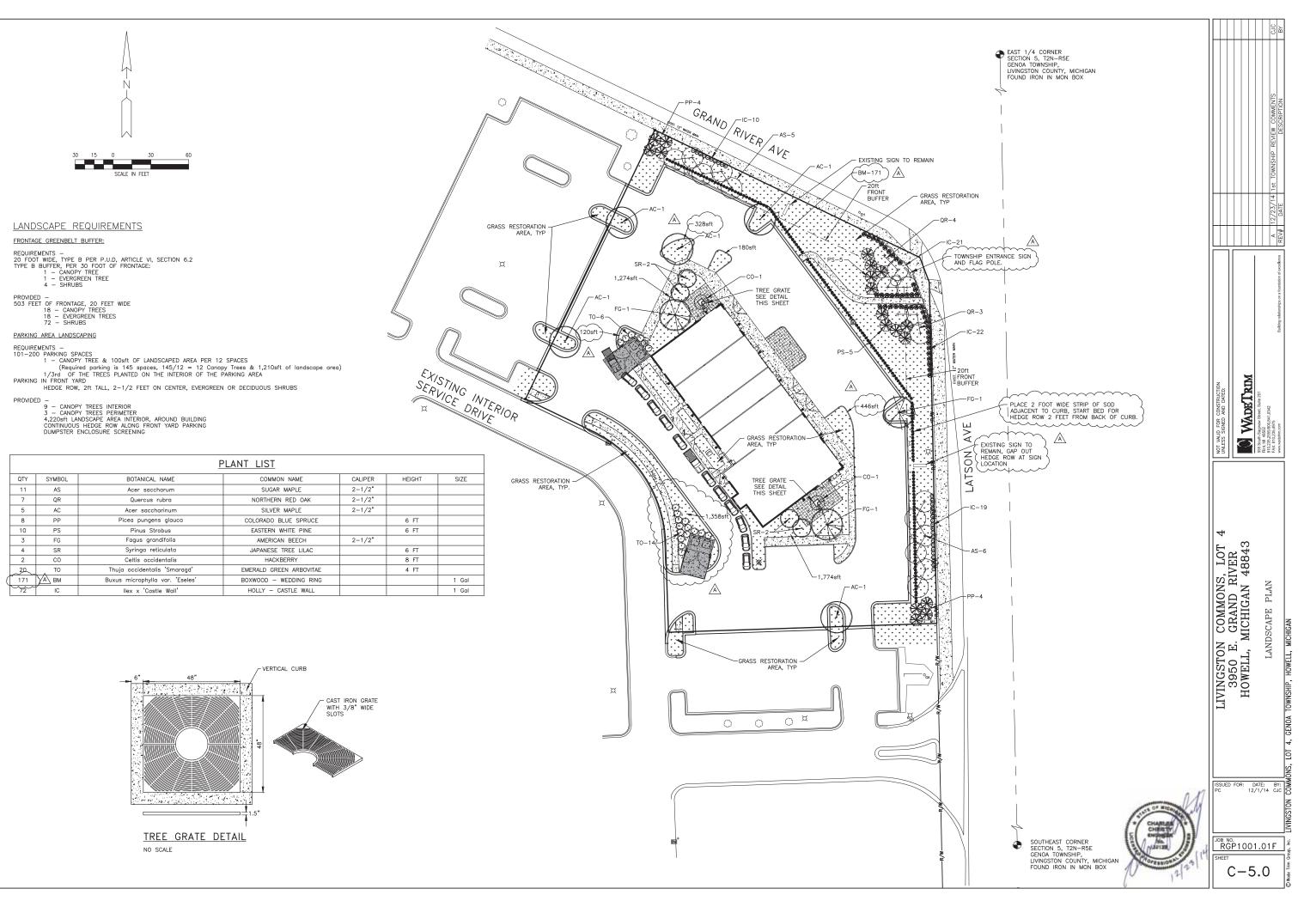


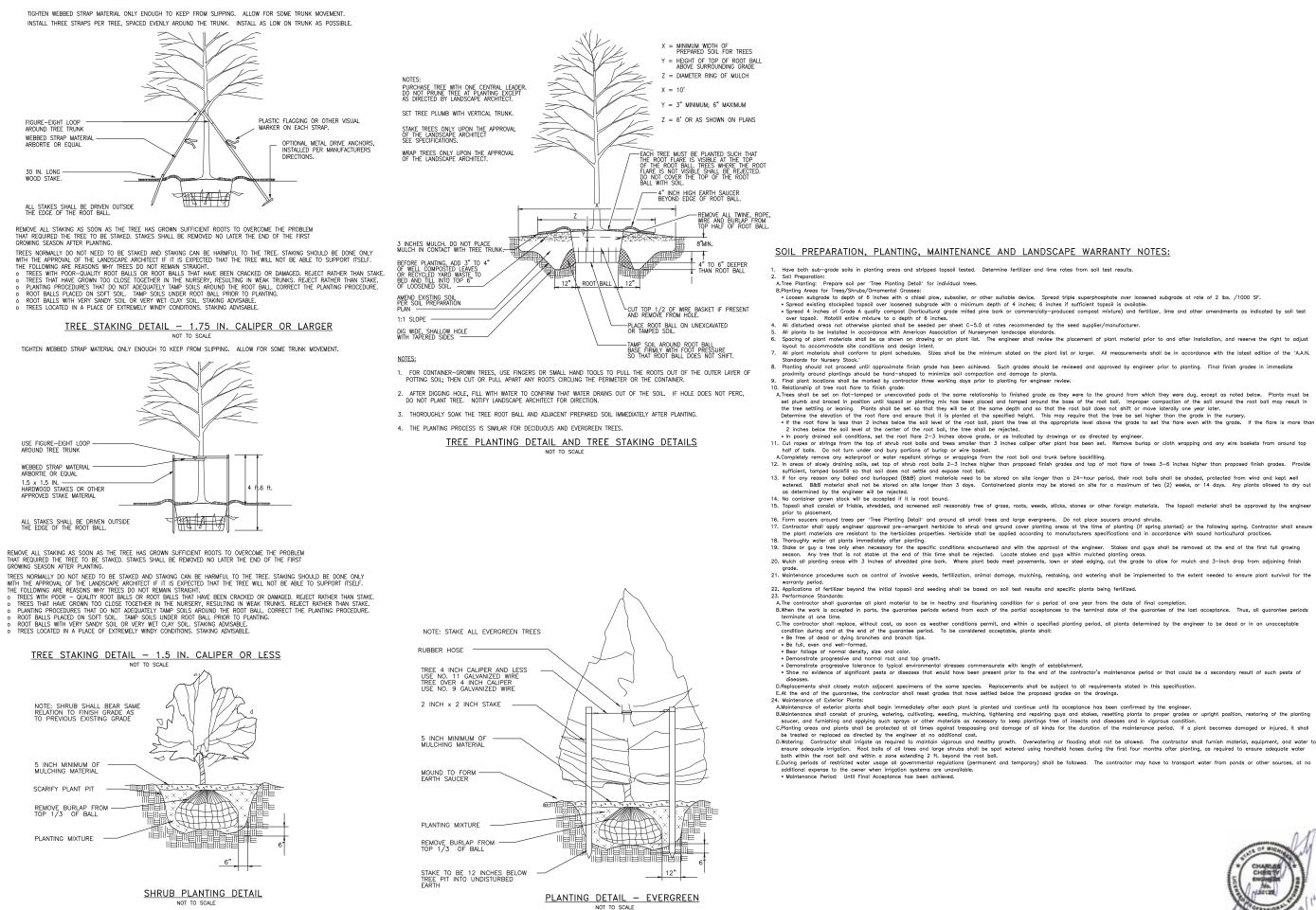








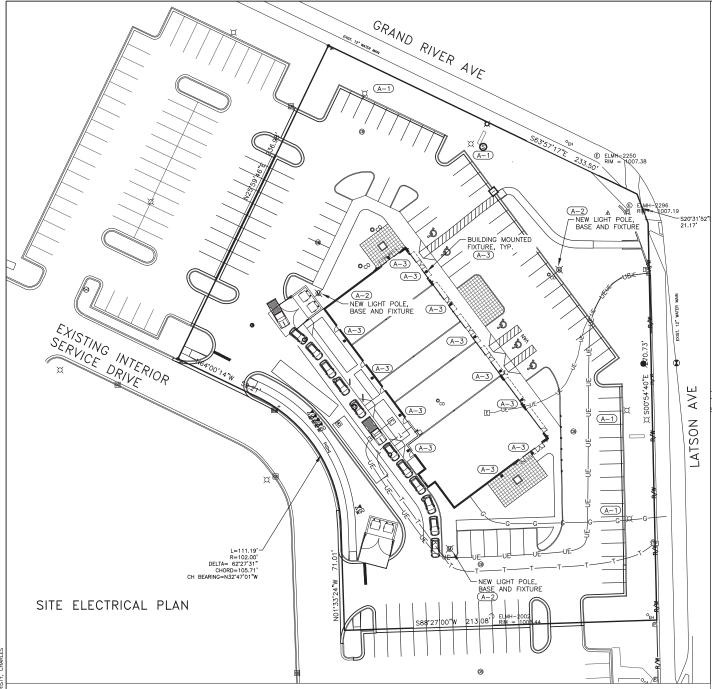






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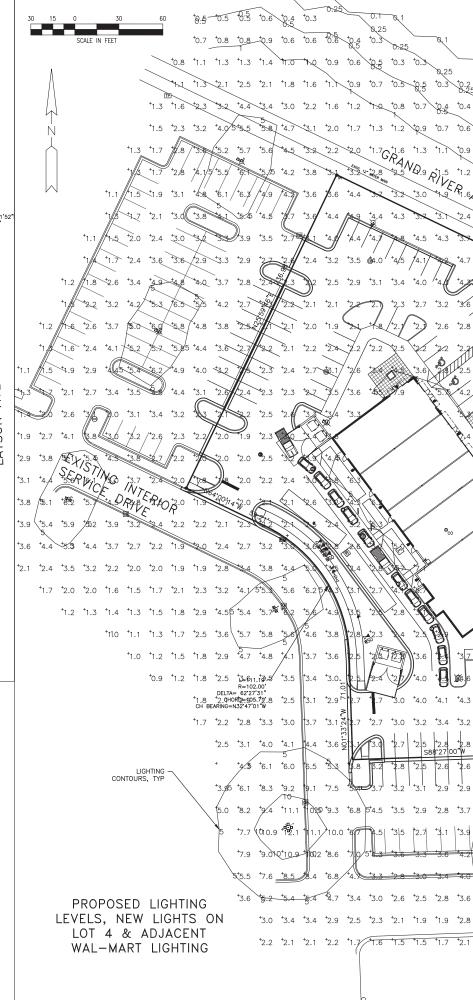
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Y: JC		www.wadetrim.com Building relationships on a foundation of excellence	REV# DATE	DESCRIPTION	B
TON COMMONS, L	COMMONS, LOT 4, GENDA TOWNSHIP, HOWELL, MICHIGAN				



Luminaire Sch	nedule					
Symbol	Qty	Label	Arrangement	MANUFACTURER	Description	Comment
⊶ •	4	A-1	SINGLE	GARDCO LIGHTING	EH-19-1-VS-450PSMH-480-BLP	Replace existing fixture, use existing 25' pole
⊶ →	3	A-2	SINGLE	GARDCO LIGHTING	EH-19-1-VS-450PSMH-480-BLP	25ft Pole, Square, painted black
•= •	12	A-3	SINGLE	GARDCO LIGHTING	EH-14-1-VS-150MH-480-BLP	Building Mounted 10ft Above Grade

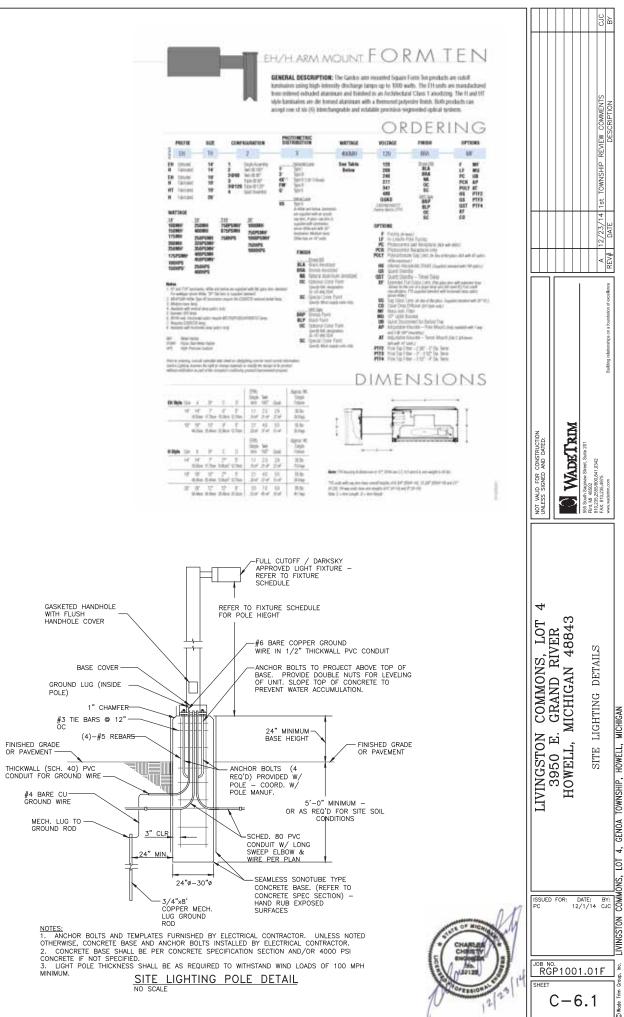
SITE LIGHTING NOTES:

- 1. ALL LIGHTING SHALL BE METAL HALIDE.
- 2. CONTRACTOR SHALL PROTECT AND REUSE CIRCUITS TO THE EXTENT PRACTICAL, SEE ELECTRICAL ENGINEERS DRAWINGS.
- 3. BUILDING MOUNTED FIXTURES ARE SUBJECT TO CHANGE LOCATION, TYPE, AND MANUFACTURER. THE SUBSTITUTION SHALL NOT INCREASE THE LIGHTING LEVELS AND INTENSITIES INDICATED ON THIS PLAN.



ELMH-2427 RIM = 1007.32 © ELMH-2428 RIM = 1007.96 ⁺0.3 ⁺0.2 0.25 ELMH-2424 RIM = 1007.78 ⁺0.4 ⁺0.3 ⁺0.2 0.25 *8:4 SS-2423 RIM = 1007.56 ⁺0.7 ⁺0.6 ________.4 ⁺0.3 + 0.25 *0.1 *0.* 1.7 GRAND.9 \$1.5 \$1.4 \$2.5 D.9 \$1.5 \$1.4 \$2.5 D.9 \$1.5 \$1.4 \$2.5 D.9 \$1.6 \$1.4 \$1.6 \$1.4 \$1.4 \$1.4 ⁺0.8.5 ⁺0.4 -`@.25 ⁺0.2 \^†0.2 ⁺0.1 †0011 †0 1 [†]0.9 -10.5 *0.4 ⁺0.8 ₹Q.5 ⁺0.3 ⁺0.2 ⁺0.2 ⁺0.1 ⁺0.0 ⁺0.9 ⁺0.6 \$0.5 to.3 Q.252 to.10.to.1 ⁺0. ⁺0.9 ⁺o.∂Q.50.4 +0Q325+0.2 +0Q11 ⁺0. ۵.5 ⁺0.3 ______ 0.25 ⁺0.2 ⁺4.3 ⁺3.4 ⁺0.3 \ ⁺0.2 ⁺3.2 ⁺3.6 4.0 ⁺2.8 6,0:0.5 ta 325 to.1 (1.) *2.5 ⁺1.8 5.4820 51.52 2181 +1.6 à0.5†∩ ₄ Ś +28 ⁺2.8 ⁺2.0 ⁺2.5 ***≾.* ⁺3.0 WADETRIM +1.4 ⁺2.7 ⁺1.8 ⁺2.4 ⁺2.7 [/]3. ⁺0.' P.A. ⁺2.5 ⁺2.9 ⁺2.3 ⁺1.9 ⁺0.8 5 5 FD⁺2.5 ⁺2.5 +2 \bigcirc i do ٦ 3.8 AVE ⁺3.3 ⁺4.0 E ⁺3.2 ⁺4.4 1.7 NOSTAJ ⁺3.5 +4.4 ⁺3.9 <u>\$</u>0 N COMMONS, LOT A I. GRAND RIVER MICHIGAN 48843 3.3 +3.4 +4.6 ⁺1.ε *3.2 *3.8 *3.8 *2.7 2.6 +3.1 +4.2 PLAN +34 +36 +25 +23 ⁺2.9 ⁺3.9 *3.4 ⁺2.5 LIGHTING +4.3 ⁺3.6 ⁺2.5 ⁺2.0 ⁺1.8 ⁺2.2 ⁺2.9 [2.5 ⁺2.8 +3.2 ⁺1.8 гi SITE LIVINGSTON 3950 E HOWELL, 1.9 ⁺1.8 ⁺1.5 ⁺3.0 ⁺2.3 ⁺2.1 ⁺2 *3.0 +3.3 1.8 ⁺3.4 ⁺2.8 +3.7 ⁺3.9 ⁺2.7 ⁺2.5 *2.4 ° *2 1+AAA ⁺4.3 ⁺3.7 ⁺3. +3.2 +4.4 ⁺2.6 3.5/ ₽. P**a** *3.4 *4.0 \$*5.4 *5.9 54.8 +4.4 +4.3 ⁺3.9 ⁺3.5 ⁺3. +2.7 ⁺6.0 ISSUED FOR: DATE: BY: PC 12/1/14 CJC ⁺6.4 ⁺5.9 ⁺4.6 ⁺3.6 ⁺3.6 ⁺3.2 ⁺3 ⁺25.8 ⁺3.0 ⁺3.4 ⁺3.4 ⁺2.9 ⁺2.5 ⁺2.3 ⁺2.1 ⁺1.9 ⁺1.9 ⁺2.8 ⁺4.3 ⁺4.1 ⁺4.2 ⁺3.8 ⁺2.7 ⁺2.2 ⁺2 *2.2 *2.1 *2.1 *2.2 *1.7 *1.6 *1.5 *1.7 *2.1 *2.5 *2.4 *2.4 *2.3 *1.9 *1.7 HUND лов NO. RGP1001.01F C - 6.0





					GENERAL EROSION NOTES
SEQUENCE OF CONSTRUCTION			NOTE, SEE	SITE PLAN FOR	1. THE STORM WATER POLLUTION PREVENTION PLAN IS COMPRISED OF THESE DRAWINGS ("SITE MAPS"), THE STANDARD DETAILS, PLUS THE PERMIT AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS.
WASH, CONCRETE WASHOUT, MASON'S AREA, FUE	L AND MATERIAL ST	S: TRAILER, PARKING, LAY DOWN AREA, PORTA-POTTY, WHEEL TORAGE CONTAINERS, SOLID WASTE CONTAINERS, ETC., NGES IN LOCATION AS THEY OCCUR THROUGHOUT THE		GEND SYMBOLS	2. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN AND THE STATE OR NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.
PHASE I - TO BE COMPLETED PRIOR TO EARTH	DISTURBANCE ACTI	VITIES IN RESPECTIVE DRAINAGE AREA	C EROSION DETAI	LS	3. CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICITATED BY CONDITIONS AT NO ADDITIONAL COST OF OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION IF DEEMED NECESSARY RESULTANT FROM THE CONTRACTORS DEPENDIONS, OR SEQUENCE OF CONSTRUCTION.
 INSTALL STABILIZED CONSTRUCTION EXIT 2. INSTALL SILT FENCE(S) AND INLET PROT FENCE AND INLET PROTECTION). 	ECTION ON THE S	VIRANCE SIGN. ITE (CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL SILT	<u> </u>		4. BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY OR OWNER.
3. PREPARE TEMPORARY PARKING AND STORAGE			CE)	TEMPORARY STONE CONSTRUCTION EXIT	5. SITE MAP MUST CLEARLY DELINEATE ALL STATE WATERS. PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST DE MUNITAINED ON SITE AT ALL TIMES.
	NDUCT STORM WAT	ANT TO PERFORM INSPECTION AND CERTIFICATION OF BMPS. ER PRE-CONSTRUCTION MEETING WITH ENGINEER AND ALL	(SF)	SEDIMENTATION/SILT FENCE (WITH WIRE	MOST BE MAINTAINED ON STIE AT ALL TIMES. 6. CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.
PHASE II	CEEDING WITH CON	STRUCTION.	<i>" "</i> O	SUPPORT WHERE CALLED FOR ON PLANS)	 GENERAL CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRALERS, AND TOLLET FACILITIES.
1. DISCONNECT ALL EXISTING UTILITY SERVICES 2. BEGIN BUILDING DEMOLITION				TEMPORARY DIVERSION & IDENTIFICATION. SEE TABLE ON C-3.5 FOR CHANNEL LINING.	8. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
 BEGIN TREE REMOVAL BEGIN STUMP REMOVAL, GRUBBING, AND TOP BEGIN GRADING THE SITE, TRANSITION TO PEI 	SOIL STRIPPING.			INLET PROTECTION	 SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
 START CONSTRUCTION OF BUILDING PAD AND 7. TEMPORARILY SEED. THROUGHOUT CONSTR 	STRUCTURES	AREAS THAT WILL BE INACTIVE FOR 14 DAYS OR MORE.	\sim		10. DUST ON THE SITE SHALL BE CONTROLLED THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
 INSTALL UTILITIES, UNDERDRAINS, STORM SEW INSTALL INLET PROTECTION AT ALL STORM 	ERS, CURBS AND (SEWER STRUCTURE	GUTTERS. ES AS EACH INLET STRUCTURE IS INSTALLED.	(SuA)	SOIL TYPE	11. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEXVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
 PERMANENTLY STABILIZE AREAS TO BE VEGET PREPARE SITE FOR PAVING. PAVE SITE. 	AIED AS THEY ARE	BROUGHT TO FINAL GRADE.			12. ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THIS SITE MAP, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE INITIATED AS SOON AS PRACTICABLE.
 INSTALL APPROPRIATE INLET PROTECTION I 14. COMPLETE GRADING AND INSTALLATION OF PE 15. CALL ENGINEER AFTER THE SITE APPEARS TO 	RMANENT STABILIZA BE FULLY STABILI	TION OVER ALL AREAS.			DE INTIVIELD AS JOON AS FRANKLANDER. 13. ALL PERMETER DIKES, SWALES, DIFCHES, PERMETER SLOPES AND ALL SLOPES SHALL BE TEMPORARILY OR PERMANENTLY STABILIZED WITHIN 14 DAYS OF LAST LAND DISTURBING ACTIVITY. ALL OTHER DISTURBED AREAS SHALL BE TEMPORARILY OR PERMANENTLY STABILIZED WITHIN 14 DAYS OF LAST LAND DISTURBING ACTIVITY.
AREAS DISTURBED BY THE REMOVAL OF THE	BMP. THE FINAL DAILY II	NSPECTION IS SIGNED OFF BY THE CONSTRUCTION MANAGER			14. If the action of vehicles traveling over the gravel construction entrances is not sufficient to remove the majority of dirt or mud, Then the tires must be washed before the vehicles enter a public road. If washing is used, provisions must be made to intercept the wash watter wan trap the sediment before it is carried off the state. Only carried to the state of the state off
NOTE: THE GENERAL CONTRACTOR MAY COMPLETE	CONSTRUCTION-R	ELATED ACTIVITIES CONCURRENTLY ONLY IF ALL PRECEDING IN THE ABOVE SEQUENCE ARE ITALICIZED FOR CLARITY.			15. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
DWF 3 TRAE BEEN COMPLETEET INSTALLED. DWF	-NEDRIED SIEFS	IN THE ABOVE SEQUENCE ARE TRECZED FOR CEART.			16. CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
					17. ON-STE & OFFSTE SOL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE SITE MAP AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
					18. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
					19. DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION AND SEDIMENT CONTROL MEASURES (SILT FENCES, ETC.) TO PREVENT EROSION. AND POLLUTANT DISCHARGE.
		NOTES:			20. NO WORK TO BE PERFORMED IF RAINING OR THREATENING RAIN, UNLESS INSPECTOR IS ON SITE. CONTRACTOR TO HAVE RAINFALL GAUGE ON-SITE DURING CONSTRUCTION.
		PHASE I EROSION PLAN SHALL BE CONSTRUCTED ALL	ERTIFY, UNDER PENALTY OF LAW, TH ATTACHMENTS WERE PREPARED UN	IDER MY DIRECTION OR	21. CONTRACTOR TO HAVE NATIVE GROUND COVER ACQUIRED/READY/STOCKPILED AND TO BE INSTALLED WITHIN 21 CALENDAR DAYS OF FINAL GRADING.
		PRIOR TO EARTHWORK ACTIVITIES, REFER TO ASS	PERVISION IN ACCORDANCE WITH A S SURE THAT QUALIFIED PERSONNEL P JUATE THE INFORMATION SUBMITTED	ROPERLY GATHER AND	22. DAILY INSPECTIONS OF THE INSTALLATION OF SOIL EROSION CONTROLS ARE REQUIRED BY THE SITE CONTRACTOR UNTIL ESTABLISHED AND AFTER EVERY SIGNIFICANT RAINFALL EVENT.
		THE	PERSON OR PERSONS WHO MANAG	GE THE SYSTEM, OR THOSE	23. ALL EXISTING PERIMETER FENCE TO BE REMOVED AFTER SLOPES AND SITE ARE STABLIZED.
JIM BLAIR, RG PROPERTIES, INC.			ORMATION, THE INFORMATION SUBMIT KNOWLEDGE AND BELIEF, TRUE, AC	ITED IS, TO THE BEST OF CURATE, AND COMPLETE, I	24. MASS SITE GRADING CANNOT BEGIN UNTIL #1 AND #2 CONSTRUCTION SEQUENCES HAVE BEEN COMPLETED, AND SESC/SWPP APPROVED SOIL EROSION PLAN CONTROLS ARE INSTALLED AND INSPECTED.
10050 INNOVATION DR. SUITE 100 DAYTON, OH 45342		SUE	AWARE THAT THERE ARE SIGNIFICAN BMITTING FALSE INFORMATION, INCLU ES AND IMPRISONMENT FOR KNOWIN	DING THE POSSIBILITY OF	25. DURING DEVELOPMENT OF THE SITE, THE PERSON RESPONSIBLE FOR THE LAND DISTURBING ACTIVITY <u>SHALL INSTALL AND MAINTAIN</u> ALL TEMPORARY AND PERMAMENT EROSION AND SEDIMENTATION CONTROL MEASURES AS REQUIRED BY THE APPROVED PLAN OR BY ANY PROVISION OF PART 91 SESC ACT AND APPLICABLE COUNTY ORDINANCES, ADDITIONAL DEVICES WILL BE REQUIRED IF NECESSARY.
(937) 424–3904 SITE OPERATOR/GENERAL CONTRA	CTOP				26. IF FILL MATERIALS ARE EBING BROUGHT ONTO THIS PROPERTY OR IF WASTE MATERIALS ARE TAKEN FROM THIS PROJECT, THIS INFORMATION MUIST BE DISCLOSED AND SHOWN ON THE EROSION CONTROL AND GRADING FUAL BORROW AREAS AND DUMP SITES ARE CONSIDERED TO BE PART OF THIS PROJECT. CONTRACTOR SHALL SUBMIT SPECIFIC SESC PLANS FOR WASTE/BORROW OFFSITE.
SHE OPERATORY GENERAL CONTRA	CTOR.	JIM	BLAIR – RG PROPERTIES, INC.	<u> </u>	27. IN AN EFFORT TO MINIMIZE EROSION AND EXPOSURE TIME, EASEMENT AREAS SHALL NOT BE GRUBBED OR GRADED UNTIL UTILITIES ARE READY TO BE INSTALLED. THE IMMEDIATE SEEDING OF DISTURBED EASEMENT AREAS AFTER UTILITIES ARE INSTALLED WILL ALSO ELIMINATE MANY PROBLEMS.
SUPERINTENDENT:		SOIL EROSION/SEDIMENTATION CONTRO	DL OPERATION TIME SCHEDUL	E	28. NO LAND DISTURBING ACTIVITY SHALL BE PERMITTED IN PROXIMITY TO A LAKE OR NATURAL WATERCOURSE UNLESS A BUFFER ZONE IS PROVIDED ALONG THE MARGIN OF THE WATER BODY OF SUFFICIENT WIDTH TO CONFINE VISIBLE SILTATION WITHIN THE 25% OF THE BUFFER ZONE NEAREST THE LAND
SOFERINTENDENT.		NOTE: GENERAL CONTRACTOR TO COMPLETE			disturbing activity. 29. side ditches 2% or steeper shall be rip-rapped; or seeded and stabilized with excelsior matting (or other approved material); or
		CONSTRUCTION SEQUENCE JAN FEB MAR AF	PR MAY JUN JUL AUG SEP OCT NOV DE	C JAN FEB MAR APR MAY JUN	STABILIZED BY ANY OTHER METHOD APPROVED BY THE COUNTY SOIL EROSION CONTROL INSPECTOR.
NOTE: SEE SHEET C-7.3	FOR	TEMPORARY CONSTRUCTION EXITS			30. IF A PERMANENT POND IS USED AS A SEDMENT CONTROL DEVICE, OR DESIGNATED AS A PERMANENT WATER QUALITY POND, IT MUST BE CLEANED OF SEDIMENT WHEN HALF FULL. IT MUST ALSO BE CLEANED OUT TO DESIGN VOLUME: ENGINEERING CERTIFICATION OF COMPLETION SUBMITED, AND FINAL INSPECTION PERFORMED BY COUNTY STAFF BEFORE THE GRADING PERMIT IS FINALZED.
EROSION DETAILS.		TEMPORARY CONTROL MEASURES SEDIMENT CONTROL BASINS			31. CONSTRUCTION ACTIVITIES DISTURBING ONE OR MORE ACRES WILL BE ISSUED A NPDES STORM WATER DISCHARGE PERMIT AS REQUIRED BY THE FEDERAL CLEAN WATER ACT. SECTION B OF THIS PERMIT REQUIRES THE PERMITEE TO PERIODICALLY INSPECT ALL SEDMENT & EROSION CONTROL DEVICES, AND
ACREAGE SUMMARY		STRIP & STOCKPILE TOPSOIL			TO KEEP A RECORD OF THESE INSPECTIONS.
(IN ACRES)	2.03	ROUGH GRADE STORM FACILITIES		+ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$	32. THE ANGLE FOR GRADED SLOPES SHALL BE NO GREATER THAN THE ANGLE THAT CAN RETAIN VEGETATIVE COVER OR OTHER ADEQUATE EROSION CONTROL DEVICES OR STRUCTURES. IN ANY EVENT, SLOPES LEFT EXPOSED WILL WITHIN 21 CALENDAR DAYS OF COMPLETION OF ANY FHASE OF GRADING, BE PLANTED OR OTHERWISE PROVIDED WITH THEVPORARY OR PERMANENT GRADUNGCOVER, DEAVES, OR STRUCTURES SUPPORTION TO RAVY.
ON-SITE DISTURBED AREA	1.78	SITE CONSTRUCTION			33. THE OWNER(S) IS RESPONSIBLE FOR THE LONG TERM MAINTENANCE OF GROUNDCOVER ON THE PROPERTY. GROUNDCOVER MUST BE MAINTAINED TO A DEOREE THAT PREVENTS SOIL EROSION AND SEDMILENTATION AT ALL TIMES.
OFF-SITE DISTURBED AREA	0.30	PERMANENT CONTROL STRUCTURES	+ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$	+ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$	34 ACCEDITANCE AND ADDROVAL OF THIS DLAN IS CONDITIONED LIDON THE DROBERTY OWNER(S) COMPLIANCE WITH FEDERAL AND STATE WATER OLIVITY
TOTAL DISTURBED AREA (MUST MATCH NOR	2.08	FOUNDATION / BUILDING CONSTRUCTION FINISH GRADING		+	LANS, REGULATIONS, AND RULES. IN ADDITION, LOCAL TOWN OR COUNTY ORDINANCES OR RULES MAY ALSO APPLY TO THIS LAND DISTURBING ACTIVITY. THIS APPROVAL DOES NOT SUPERSEDE ANY OTHER PERMIT OR APPROVAL.
IMPERVIOUS AREA AT COMPLETION	72.1%	LANDSCAPING/SEED/FINAL STABILIZATION			
INFERMOOD ANERAL COMPLETION	141170				

MAINTENANCE

27,9%

PERVIOUS/ SEEDED AREA AT COMPLETION

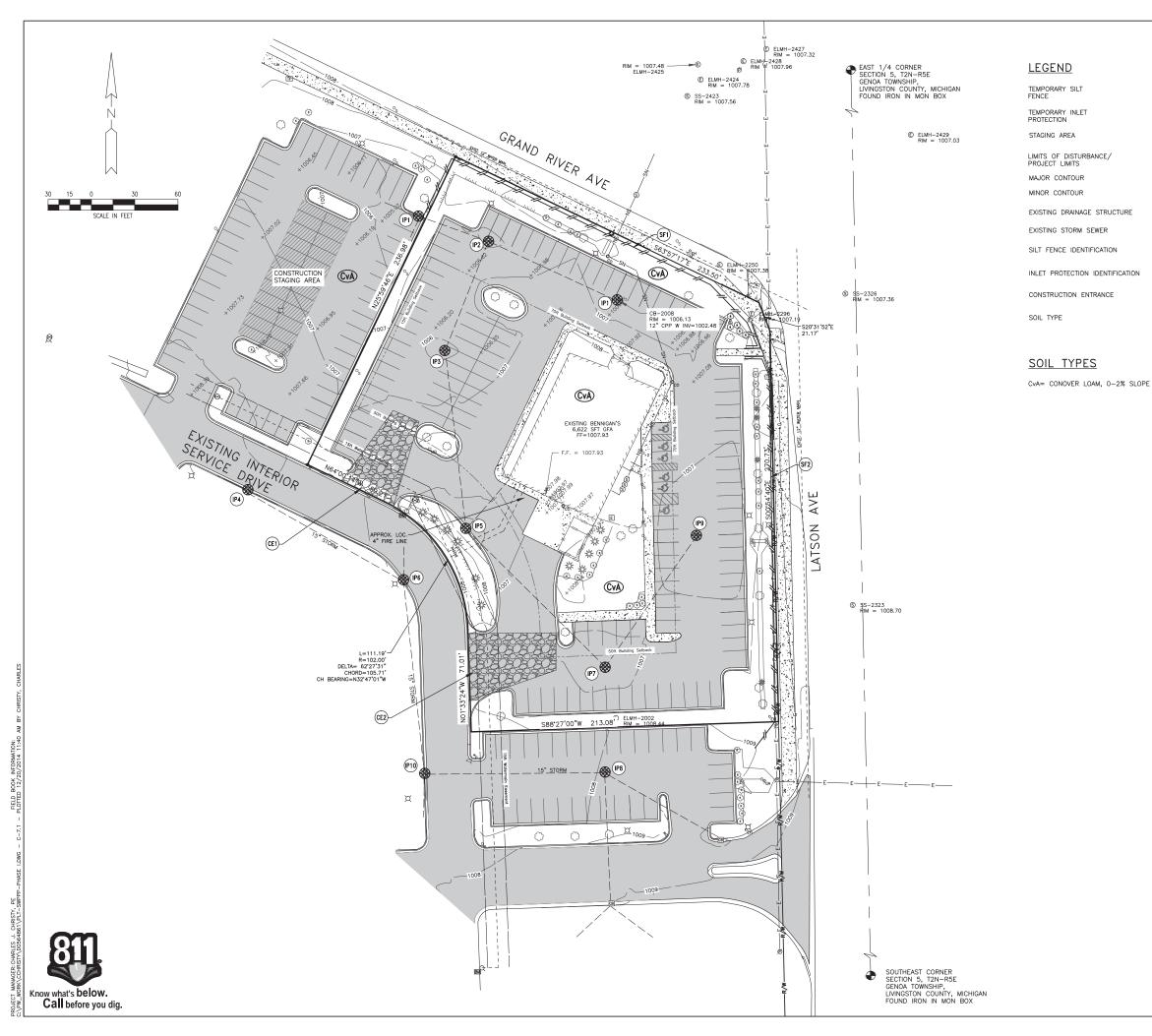
AL MEASURES STATED ON THIS SITE MAP, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON IN ACCORDANCE WITH THE CONTRACT DOCUMENTS OR THE APPLICABLE PERMIT, WHICHEVER IS MORE STRINGENT, AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

- 1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION.
- 2. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEEDED AS NEEDED.
- 3. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.
- 4. THE CONSTRUCTION EXITS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION EXITS AS CONDITIONS DEMAND.
- THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AREA AS CONDITIONS DEMAND.
- OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 50%.
- 7. REFER TO THE MICHIGAN NON POINT SOURCE BMP MANUAL FOR ADDITIONAL REQUIREMENTS.

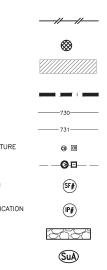
	STABILIZATION	TIMEFRAMES
SITE AREA DESCRIPTION	STABILIZATION	TIMEFRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED
SLOPES 3:1 OR FLATTER	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE, EXCEPT FOR PERIMETERS AND HQW ZONES

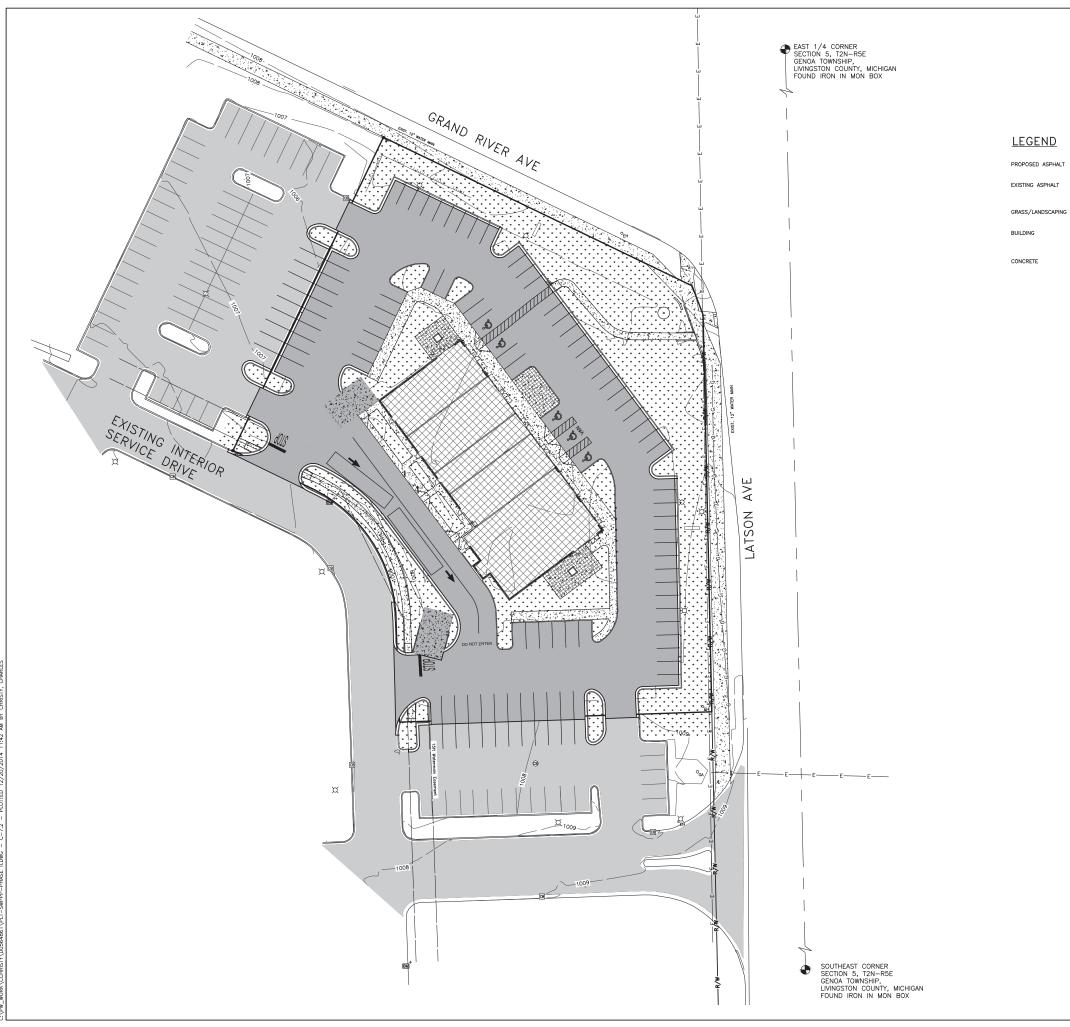
EMPORARY SEED	ING SPECIFICATIONS	
EFINITION		
EDING DISTURBED AREAS WITH AN SSEN SOIL EROSION.	NUAL GRASSES OR LEGUMES TO PROVIDE A TE	MPORARY GROUND COVER TO
URPOSE		
) TEMPORARILY STABILIZE GRADED ITHIN THIRTY DAYS AFTER COMPLET	CUT AND FILL SLOPES THAT CANNOT BE SEED	ED WITH PERMANENT VEGETATION
ONDITIONS WHERE PRAC	TICE APPLIES	
HERE BARE SOIL HAS BEEN EXPOS AY INCLUDE SUCH AREAS AS TEMP OUGH-GRADED ROAD BANKS, ETC.	ED BY GRADING, AND VEGETATIVE COVER IS N ORARY SEDIMENT POND, DIVERSIONS, SOIL STO IT IS ALSO USED TO PROVIDE A TEMPORARY	EEDED FOR ONE YEAR OR LESS. ICKPILES, BUILDING PADS, PERIMETER BUFFER.
REPARATION		
WO TONS OF DOLOMITIC LIME PER .5 OR HIGHER). MULCHING IS REQU	SELING, HARROWING, OR PLOWING TO DEPTH C FACE. INCORPORATE 750-1,000 POUNDS 10- ACRE. (NOTE: LIME MAY NOT BE NEEDED IF A IRED ACCORDING TO THE SAME SPECIFICATION SELECT SEEDING MIXTURE AND BEST PLANTING	SOIL TEST INDICATES A PH OF S AS FOR PERMANENT SEEDING
TA	BLE 12 - TEMPORARY SEEDING	2
LANTS & MIXTURE	PLANTING RATES/ACRE	PLANTING DATES
ATS, BARLEY	3 BU	APRIL 15 - AUG. 1
JNDONGRASS Æ (GRAIN)	30 - 40 LBS 2 -3 BU	JUNE – JULY AUG. 15 – DEC. 30
E (GRAIN)	2 - 3 BU	AUG. 15 - DEC. 30 AUG. 1 - OCT. 10
EDMANENT SEED		
	ING SPECIFICATIONS	
DEFINITION	ING SPECIFICATIONS RENNAL GRASSED AND/OR LEGUMES TO PROV	de a permanent vegetative
EFINITION EEDING DISTURBED AREAS WITH PE OVER TO LESSEN RUNOFF AND SO PURPOSE	RENNIAL GRASSED AND/OR LEGUMES TO PROV L EROSION.	
DEFINITION EEDING DISTURBED AREAS WITH PE OVER TO LESSEN RUNOFF AND SO PURPOSE O LESSEN SOIL EROSION AND PERI ITES.	RENNIAL GRASSED AND/OR LEGUMES TO PROV L EROSION.	
DEFINITION EEDING DISTURBED AREAS WITH PE GVER TO LESSEN RUNNOFF AND SO VURPOSE O LESSEN SOIL EROSION AND PERI TIES. CONDITIONS WHERE PRAC: LI BARE SOIL AREAS ON CONSTRU	RENNIAL GRASSED AND/OR LEGUMES TO PROV L EROSION.	D BY GRADING OF CONSTRUCTION
EFINITION EEDING DISTURDED ARGAS WITH PE OVER TO LESSEN RUNOFF AND SOI URPOSE D LESSEN SOIL EROSION AND PERI TES. (OIDDITIONS WHERE PRACT LL BARE SOIL AREAS ON CONSTRU- UNIFOL DEVICES. (REPARATION)	RENNAL GRASSED AND/OR LEGUMES TO PROV L EROSION. MANENTLY STABILIZE DISTURBED AREAS CREATE <u>TICE APPLIES</u> TION SITES WHICH ARE NOT COVERED BY STI	D BY GRADING OF CONSTRUCTION
EFINITION EEDING DISTURDED ARGAS WITH PE OVER TO LESSEN RUNOFF AND SOI URPOSE D LESSEN SOIL EROSION AND PERI TES. (OIDDITIONS WHERE PRACT LL BARE SOIL AREAS ON CONSTRU- UNIFOL DEVICES. (REPARATION)	RENNAL GRASSED AND/OR LEGUMES TO PROV L EROSION. MANENTLY STABILIZE DISTURBED AREAS CREATE <u>TICE APPLIES</u> TION SITES WHICH ARE NOT COVERED BY STI	D BY GRADING OF CONSTRUCTION
EFINITION EEDING DISTURBED AREAS WITH PE OVER TO LESSEN RUNGFF AND SOI UIRPOSE O LESSEN SOIL EROSION AND PERI TES. CONDITIONS WHERE PRAC: UIR BARE SOIL AREAS ON CONSTRU ONTROL DEVICES. REPARATION REPARE SEEDED BY RIPPING, CHI RODUCE A LOOSE, FRABEL SURFA INCH WOULD FROMED SURFACTION	RENNAL GRASSED AND/OR LEGUMES TO PROV L EROSION. AMENTLY STABILIZE DISTURBED AREAS CREATE TICE APPLIES TION SITES WHICH ARE NOT COVERED BY STI SELING, HARROWING, OR PLOWING TO DEPTH C E. REMOVE ALL STONES, BOULDERS, STUMPS,	d by grading of construction inctures or other erosion F six inches so as to or debris from the surface
EFINITION EEDING DISTURGED AREAS WITH PE OVER TO LESSEN RUNOFF AND SOL URPOSE D LESSEN SOL EROSION AND PERI TES. ONDITIONS WHERE PRACE ADDITIONS WHERE PRACE L BARE SOL AREAS ON CONSTRU- DIREOL EVICES. REPARATION WERARE SEEDRED BY RIPPING, CHR YOUCE A LOOGS FRAILE SUFFACTURE DIRECT AND A CONSTRUCTION WERARE OF THE SOL BOAT DURCH THE SCH DOT LS ON DURCH THE SCH DOT LS ON DURCH THE SCH DOT LS ON DURCH THE SEEDING WITH LS TO THE LOUD ASPANTIC AT 400 CALL	RENNAL GRASSED AND/OR LEGUMES TO PROV L EROSION. MANENTLY STABILIZE DISTURBED AREAS CREATE <u>TICE APPLIES</u> TION SITES WHICH ARE NOT COVERED BY STI	D BY GRADING OF CONSTRUCTION ULCTURES OR OTHER EROSION F SX INCHES SO AS TO OR DEBRIS FOR THE SURFACE ULS 500 POUNDS OF 20X SOIL TESTS INDICATE THAT A
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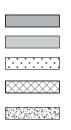


12/23/14	ST.					
SHEET		LIVINGSTON COMMONS, LOT 4	NOT VALID FOR CONSTRUCTION UNLESS SIGNED AND DATED:			
C-	10.	3950 E. GRAND RIVER HOWFII MICHICAN ARA3	112			
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	.01F	SESC and SWPP PLAN – PHASE I		A 12/23/1	12/23/14 1st TOWNSHIP REVIEW COMMENTS	CUC
	JC	Y:	www.wadetrim.com Building relationships on a foundation of excellance	REV# DATE	DESCRIPTION	BY
C Wade Trim Group, Inc.	LIVINGSTO	N COMMONS, LOT 4, GENOA TOWNSHIP, HOWELL, MICHIGAN				





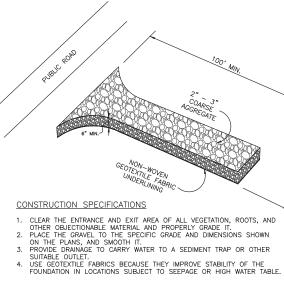
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	© Media fine douge fire. LUINGSTON COMMONS, LOT 4, GENOA TOWNSHIP, HOWELL, MICHIGAN					_		BY	



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SCALE IN FEET

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POST

-METAL FENCE POST

CONTRO

MAXIMUM PLACEMENT OF POST USING HOG WIRE WITH APPROVED EROSION CONTROL FABRICS TO BE 10 FEET.

FABRIC - 36 INCHES IN WIDTH (MUST MEET ENGINEERS'

SILT FENCE DETAIL

NO SCALE

METAL T-POST 5 FEET OR 6 FEET IN HEIGHT DEPENDING ON FILL SLOPE.

SPECIFICATIONS FOR EROSION CONTROL).

 $\underline{\text{STONE}}$ - NO. 4 WASHED STONE TO BE PLACED 12 INCHES DEEP AT SILT FENCE.

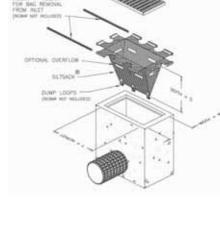
WASHED STONE

SLOPE

MAINTENANCE

MAINTAIN THE GRAVEL PAD IN A CONDITION TO PREVENT MUD OR SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. THIS MAY REQUIRE PERIODIC TOPORESSING WITH 2-INCH STORE. AFTER EACH RAINFALL, INSPECT AND STRUCTURE USED TO TRAP SEDIMENT AND CLEAN IT OUT AS NECESSARY. IMMEDIATELY REMOVE ALL OBJECTIONABLE MATERIALS SPILLED, WASHED, OR TRACKED ONTO PUBLIC ROADWAYS.

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE NO SCALE



OPDONAL: OVCR



Mechanical Properties	Test Method	Units	MARV
Grab Tensile Strength	ASTM D 4632	LBS	315 x 30
Grab Tensile Elongation	ASTM D 4632	*	15 x 15
Puncture Strength	ASTM D 4833	LBS	125
Mullen Burst Strength	ASTM D 3786	PSI	650
Trapezoid Tear Strength	ASTM D 4533	LBS	120 x 15
UV Resistence	ASTM D 4355	*	90

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UAM DEFLECTOR

Mechanical Properties	Test Method	Units	MARV
Grab Tensile Strength	ASTM D 4632	LBS	255 x 275
Grab Tensile Elongation	ASTM D 4632	*	20 X 15
Puncture Strength	ASTM D 4833	LBS	135
Mullen Burst Strength	ASTM D 3786	PSI	420
Trapezold Tear Strength	ASTM D 4533	LBS	40 x 50
UV Resistence	ASTM D 4355	*	90
Apparent Opening Size	ASTM D 4751	US SIEVE	40
Flow Rate	ASTM D 4491	GAL/MIN/FT*	200
Recolitivity	ASTM D 4401		

DETAIL OF INLET SEDIMENT CONTROL DEVICE NO SCALE

SILTSACK[®] TYPE B SPECIFICATIONS

NOTE: THE SILTSACK WILL BE MANUFACTURED IN THE U.S.A. FROM A WOVEN MONOFILAMENT FABRIC THAT MEETS OR EXCEED THE FOLLOWING SPECIFICATIONS:

Test Method	Units	MARV
ASTM D 4632	LBS	315 x 300
ASTM D 4632	%	15 x 15
ASTM D 4833	LBS	125
ASTM D 3786	PSI	650
ASTM D 4533	LBS	120 x 150
ASTM D 4355	%	90
ASTM D 4751	US SIEVE	40
ASTM D 4491	GAL/MIN/FT ²	40
ASTM D 4491	Sec-1	0.55
	ASTM D 4632 ASTM D 4632 ASTM D 4633 ASTM D 4833 ASTM D 4753 ASTM D 4355 ASTM D 4751 ASTM D 4491	ASTM D 4632 LBS ASTM D 4632 % ASTM D 4833 LBS ASTM D 4833 LBS ASTM D 4533 LBS ASTM D 4533 LBS ASTM D 4535 % ASTM D 4751 US SIEVE ASTM D 4751 US SIEVE

HI-FLOW SILTSACK Mechanical Properties Test Metho

DETAIL OF INLET SEDIMENT CONTROL DEVICE WITHIN A CURB LINE

NOTE: THE SILTSACK WILL BE MANUFACTURED IN THE U.S.A. FROM A WOVEN MONOFILAMENT FABRIC THAT MEETS OR EXCEEDS THE FOLLOWING SPECIFICATIONS:



Mechanical Properties	Test Method	Units	MARV
Grab Tensile Strength	ASTM D 4632	LBS	255 x 275
Grab Tensile Elongation	ASTM D 4632	*	20 X 15
Puncture Strength	ASTM D 4833	LBS	135
Mullen Burst Strength	ASTM D 3786	PSI	420
Trapezold Tear Strength	ASTM D 4533	LBS	40 x 50
UV Resistence	ASTM D 4355	X	90
Apparent Opening Size	ASTM D 4751	US SIEVE	40
Flow Rate	ASTM D 4491	GAL/MIN/FT*	200

HI-FLOW SILTSACK			
Mechanical Properties	Test Method	Units	MARV
Grab Tensile Strength	ASTM D 4632	LBS	255 x 275
Grab Tensile Elongation	ASTM D 4632	*	20 X 15
Puncture Strength	ASTM D 4833	LBS	135
Mullen Burst Strength	ASTM D 3786	PSI	420
Trapezold Tear Strength	ASTM D 4533	LBS	40 x 50
UV Resistence	ASTM D 4355	×	90

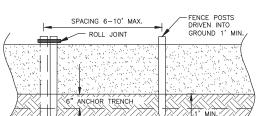
SAC	ж			
	Test Method	Units	MARV	
	ASTM D 4632	LBS	315 x 300	
n	ASTM D 4632	*	15 x 15	
	ASTM D 4833	LBS	125	
_	ASTM D 3786	PSI	650	

Apparent Opening Size ASTM D 4751 US SIEVE Flow Rate ASTM D 4491 GAL/MIN/F¹ Permittivity ASTM D 4491 Sec⁻¹



NO SCALE





SILT FENCE B

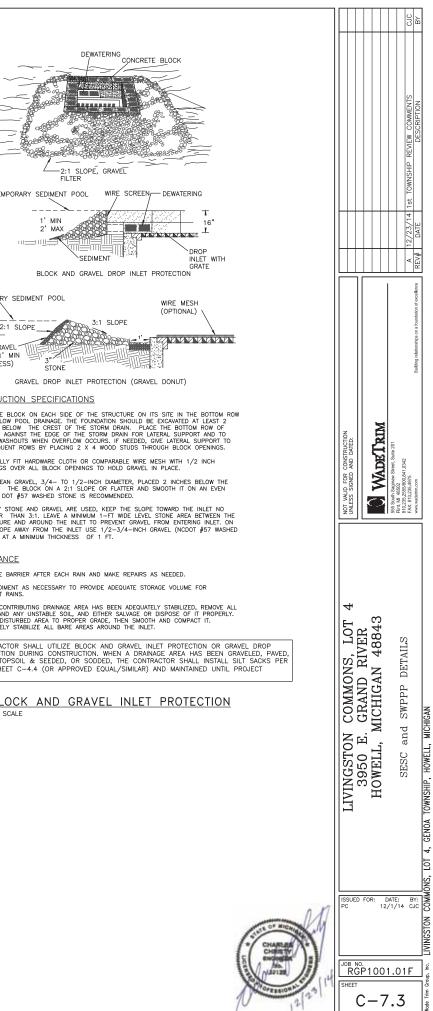
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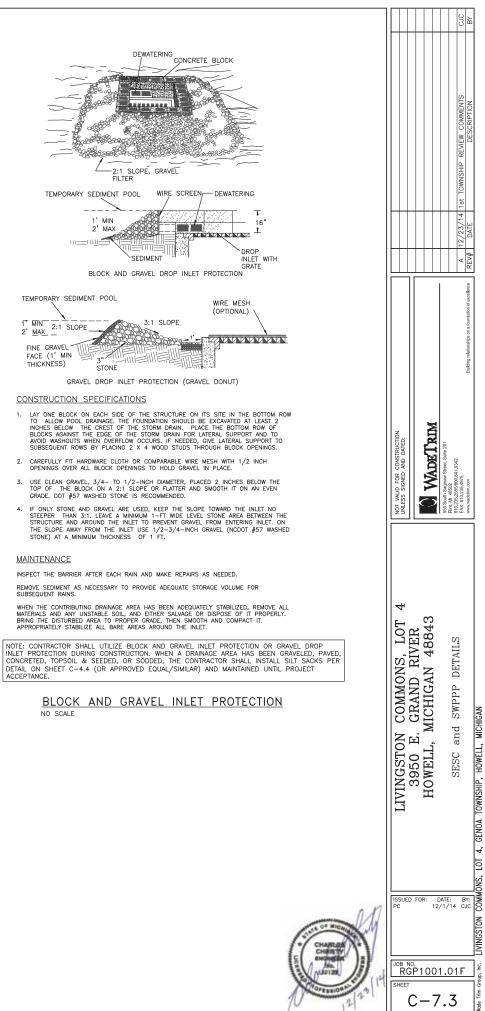
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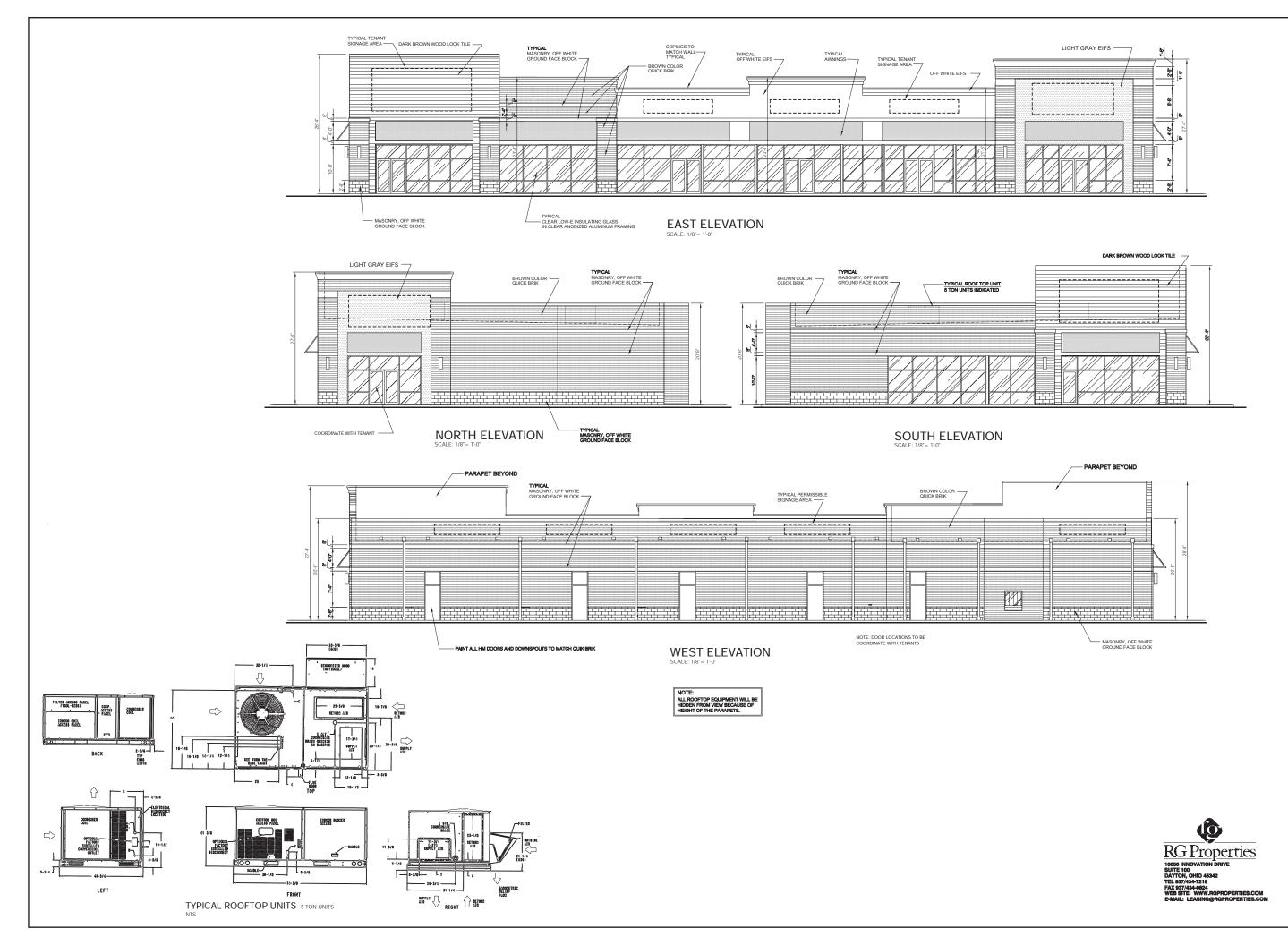
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SHEET NO.		LIVINGSTON COMMONS LOT 4	RE
13	1/25/14	PROPOSED RETAIL BUILDING	VISIONS
8		GENOA TOWNSHIP, LIVINGSTON CO., MI.	



genoa township	GENOA CHARTE		GENOAL TOWNSHIP SEP 2 9 2014
APPLICANT NAME:	KJJ LLC	ADDRESS:	Same
OWNER NAME:	KJJ.LLK	ADDRESS: Far	Dame 29 Paramount Ct. 48331
	05-400-025	PRIMARY PHONE	E: (248) 755-1408
EMAIL I: Pete (-0	ulas 2 Gmail. LOMEN	1AIL 2:	
We desurdantioned de	handler and a 46 the material		

We, the undersigned, do hereby respectfully make application to and petition the Township Board to amend the Township Zoning Ordinance and change the zoning map of the township of Genoa as hereinafter requested, and in support of this application, the following facts are shown:

A. REQUIRED SUBMITTAL INFORMATION

- 1. A legal description and street address of the subject property, together with a map identifying the subject property in relation to surrounding properties;
- 2. The name, signature and address of the owner of the subject property, a statement of the applicant's interest in the subject property if not the owner in fee simple title, and proof of consent from the property owner:
- 3. It is desired and requested that the foregoing property be rezoned from:

Regional Commercial Districto Now Residential Planned Unit Development District

- 4. A site plan illustrating existing conditions on the site and adjacent properties; such as woodlands, wetlands, soil conditions, steep slope, drainage patterns, views, existing buildings, sight distance limitations, relationship to other developed sites, and access points in the vicinity;
- 5. A conceptual plan demonstrating that the site could be developed with representative uses permitted in the requested zoning district meeting requirements for setbacks, wetland buffers access spacing, any requested service drives and other site design factors;
- 6. A written environmental assessment, a map of existing site features as described in Article 18 describing site features and anticipated impacts created by the host of uses permitted in the requested zoning district;
- 7. A written description of how the requested rezoning meets Sec. 22.04 "Criteria for Amendment of the Official Zoning Map."
- 8. The property in question shall be staked prior to the Planning Commission Public Hearing.

B. DESCRIBE HOW YOUR REQUESTED RE-ZONING MEETS THE ZONING ORDINANCE CRITERIA FOR AMENDING THE OFFICIAL ZONING MAP:

1. How is the rezoning consistent with the goals, policies and future land use map of the Genoa Township Master Plan, including any subareas or corridor studies. If not consistent, describe how conditions have changed since the Master Plan was adopted?

2. Are the site's physical, geological, hydrological and other environmental features suitable for the host of uses permitted in the proposed zoning district?

be attached 3. Do you have any evidence that a reasonable return on investment cannot be received by developing the property with one (1) of the uses permitted under the current zoning? See attached 4. How would all the potential uses allowed in the proposed zoning district be compatible with surrounding uses and zoning in terms of views, noise, air quality, the environment, density, traffic impacts, drainage and potential influence on property values? See attached 5. Are infrastructure capacity (streets, sanitary sewer, water, and drainage) and services (police and fire protection, etc.) sufficient to accommodate the uses permitted in the requested district? nchod 00 6. Is there a demonstrated demand in Genoa Township or the surrounding area for the types of uses permitted in the requested zoning district? If yes, explain how this site is better suited for the zoning than others which may be planned or zoned to accommodate the demand. Doe attached

7. If you have a particular use in mind, is another zoning district more appropriate? Why should the Township re-zone the land rather than amend the list of uses allowed in another zoning district to accommodate your intended use?

pop attached

8. Describe any deed restrictions which could potentially affect the use of the property.
See attached
C. AFFIDAVIT
The undersigned says that they are the <u>Outper</u> (owner, lessee, or other specified interest) involved in this petition and that the foregoing answers and statements herein contained and the information herewith submitted are in all respects true and correct to the best of his/her knowledge and belief.
BY: Pete (Panaguotis) Goulas.
ADDRESS: 29329 Paramount Caurt, Farmington Hulls MI 48331
(coular)
SIGNATURE
The following contact should also receive review letters and correspondence:
Name: James M. Barnwell Email: desine edesine inc. com
Business Affiliation: Engineer
FEE EXCEEDANCE AGREEMENT
As stated on the site plan review fee schedule, all site plans are allocated two (2) consultant reviews and one (1) Planning Commission meeting. If additional reviews or meetings are necessary, the applicant will be required to pay the actual incurred costs for the additional reviews. If applicable, additional review fee payment will be required concurrent with submittal to the Township Board. By signing below, applicant indicates agreement and full understanding of this policy.
PROJECT NAME: Red Olive
PROJECT LOCATON & DESCRIPTION: 3838 E. Grand River Howell ME 48843
SIGNATURE: POULOD DATE: 09 23 20 4
PRINT NAME: PETE (PANAGIOTIS) GOLLOD PHONE OF 8755-1408

· . .

COMPANY NAME & ADDRESS: PHJJ In 29329 Auranourit Ct. Farmington Hills

1) The existing restaurant was constructed on the 1 acre parcel in the mid 1990s and the property is currently zoned Regional Commercial District. The requested rezoning to Non-Residential Planned Unit Development District (NR-PUD) is consistent with the adjoining property. The property to the north across Grand River is zoned Mixed Use Planned Unit Development District (MU-PUD). The inclusion of this parcel into the existing PUD is consistent with Genoa Township Master Plan and studies of the Latson Road / Grand River corridor. The proposed use as a restaurant is consistent with the past use.

mar to

- 2) The site gently slopes from north to south and is served by municipal sewer and water. Storm water currently discharges into the storm sewers serving the surrounding parcels. The site has supported a similar use in the past.
- The property can support the current and proposed use. The rezoning will permit the inclusion of the parcel into the existing PUD. This will permit a more cohesive integrated redevelopment of the property.
- 4) The potential uses of the property are commercial uses which are consistent with the restaurants, general merchandise stores in the immediate area.
- 5) Infrastructure is currently serving the site and will be adequate for the proposed redevelopment. No additional demands on services are expected as a result of redeveloping the property.
- 6) There is a demand for commercial properties in the Grand River Corridor. This parcel is idealiy iocated to be rezoned to and attached to the existing PUD zoning. The site is currently surrounded by similarly zoned property.
- 7) The proposed use of the property is for a restaurant. The use is allowed in the current zoning, however, the rezoning will allow for an overall improvement to the access and utilization of the property. Eliminating left turns from Grand River to the site will improve traffic flow on Grand River
- 8) The property will enter into an Agreement with the existing PUD which will permit a sharing of existing improvements within the existing PUD and a sharing of associated costs.

GENOA TOWNSHIP



GENOA CHARTER TOWNSHIP APPLICATION

Planned Unit Development (PUD)

APPLICANT NAME: PKJJ, LLC	
APPLICANTEMAIL: Peteroulas OGMail. 60M	~ \
APPLICANT EMAIL: Peteroulas OG mail. 600 APPLICANT ADDRESS & PHONE: 29329 Paramount Ct. ()	21
OWNER'S NAME:	
OWNER ADDRESS & PHONE: 29329 Paramount 1248 755-1408	
TAX CODE(S): 4711-05-400.025	

QUALIFYING CONDITIONS (To be filled out by applicant)

- 1. A PUD zoning classification may be initiated only by a petition.
- 2. It is desired and requested that the foregoing property be rezoned to the following type of PUD designation:
 - **Residential Planned Unit Development (RPUD)**
 - Planned Industrial District (PID)
 - Mixed Use Planned Unit Development (MUPUD)
 - Redevelopment Planned Unit Development (RDPUD)
 - Mon-residential Planned Unit Development (NRPUD)
 - Town Center Planned Unit Development (TCPUD)
- 3. The planned unit development site shall be under the control of one owner or group of owners and shall be capable of being planned and developed as one integral unit.

EXPLAIN Proposed	one (1) acre to be incorporated 89 acre NB-PUD
with existing	39 acre NR-PUD

- 4. The site shall have a minimum area of twenty (20) acres of contiguous land, provided such minimum may be reduced by the Township Board as follows:
 - A. The minimum area requirement may be reduced to five (5) acres for sites served by both public water and public sewer.
 - B. The minimum lot area may be waived for sites zoned for commercial use (NSD, GCD or RCD) where the site is occupied by a nonconforming commercial, office or industrial building, all buildings on such site are proposed to be removed and a new use permitted within the underlying zoning district is to be established. The Township Board shall only permit the PUD on the smaller site where it finds that the flexibility in dimensional standards is necessary to allow for innovative design in redeveloping the site and an existing blighted situation will be eliminated. A parallel plan shall be provided showing how the site could be redeveloped without the use of the PUD to allow the Planning Commission to evaluate whether the modifications to dimensional standards are the

minimum necessary to allow redevelopment of the site, while still meeting the spirit and intent of the ordinance.

- C. The PUD site plan shall provide one or more of the following benefits not possible under the standards of another zoning district, as determined by the Planning Commission:
 - preservation of significant natural or historic features
 - a complementary mixture of uses or a variety of housing types
 - common open space for passive or active recreational use
 - mitigation to offset impacts
 - redevelopment of a nonconforming site where creative design can address unique site constraints.
- D. The site shall be served by public sewer and water. The Township may approve a residential PUD that is not served by public sewer or water, provided all lots shall be at least one (1) acre in area and the requirements of the County Health Department shall be met.

100e Size of property is acres.

90

DESCRIBE BELOW HOW THE REQUESTED PUD DESIGNATION COMPLIES WITH AFOREMENTIONED MINIMUM LOT SIZE REQUIREMENTS.

STANDARDS FOR REZONING TO PLANNED UNIT DEVELOPMENT (RESPOND HERE OR WITHIN THE IMPACT STATEMENT)

1. How would the PUD be consistent with the goals, policies and future land use map of the Genoa Township Master Plan, including any subarea or corridor studies. If conditions have changed since the Master Plan was adopted, the consistency with recent development trends in the area;

ched 00

se attack

2. The compatibility of all the potential uses in the PUD with surrounding uses and zoning in terms of land suitability, impacts on the environment, density, nature of use, traffic impacts, aesthetics, infrastructure and potential influence on property values;

o attached

 The capacity of infrastructure and services sufficient to accommodate the uses permitted in the requested district without compromising the "health, safety and welfare" of the Township;

Page 2 of 7

4. The apparent demand for the types of uses permitted in the PUD;

on attached AFFIDAVIT Ouner (owner, lessee, or other specified interest) The undersigned says that they are the involved in this petition and that the foregoing answers and statements herein contained and the information herewith submitted are in all respects true and correct to the best of his/her knowledge and belief. BY: Harmington Hills Mr. 48331 ADDRESS: 293 Contact Information - Review Letters and Correspondence shall be forwarded to the following: Engineer at desine Q desine inc. hmes arnul **Business** Affiliation E-mail Name CDM

FEE EXCEEDANCE AGREEMENT			
As stated on the site plan review fee schedule, all site plans are allocated two (2) consultant reviews and one (1) Planning Commission meeting. If additional reviews or meetings are necessary, the applicant will be required to pay the actual incurred costs for the additional reviews. If applicable, additional review fee payment will be required concurrent with submittal to the Township Board. By signing below, applicant indicates agreement and full understanding of this policy.			
PROJECT NAME: Red Olive			
PROJECT LOCATON & DESCRIPTION: 3838 E. Grand Ruer Howell M. 48843			
SIGNATURE: P. COLLON DATE: 09 23 7014 PRINT NAME: PONDQLOTIS GOUPHONE: 248 755-1408			
COMPANY NAME & ADDRESS: PKSS LLC.			

PUD Application

A Planned Unit Development Agreement was developed with Genoa Township for the surrounding parcels in 1999. The Planned Unit Development Agreement was between Randall L. Gunlock and Gienn C. Gunlock and Township of Genoa and was dated April 6, 1999. This property consisted of approximately 89 acres and is designated as a Non-residential Planned Unit Development (NR-PUD) At that time, the applicants parcel was under different ownership and was not included in the PUD Agreement between the Developer(s) and Genoa Township. Discussion was held at that time about inclusion of this parcel in the overall plan and was referenced as the Prairie House parcel.

The property has recently been acquired by the applicant with the intent of redeveloping the property with a restaurant. The applicants property is currently zoned Regional Commercial District (RCD). The applicant is requesting a rezoning to NR-PUD. Concurrently with this application the applicant is requesting an amendment to the existing PUD Agreement. It is the applicants intent to enter into an Agreement with the adjacent owners which will permit this property to share the existing improvements within the current development. This will improve the traffic circulation and create a more cohesive overall development. The applicants are seeking to amend the PUD Agreement with Genoa Township to allow the redevelopment to occur. The applicants parcel, which is approximately one acre in size would bring the total NR-PUD parcel to over 90 acres.

- 1) The NR-PUD designation is consistent with the surrounding existing growth patterns in the area. The surrounding parcels are currently zoned as a Planned Unit Development. The Latson Road / Grand River Avenue area has seen tremendous commercial growth since the Prairie House Restaurant was constructed. The NR-PUD and surrounding development were constructed subsequent to this development. With the applicant redeveloping the parcel, the integration of this parcel into the larger complex is consistent with the goals and policies of Genoa Township including encouraging cross connections of commercial properties.
- 2) The redevelopment of the property will be to the same use as previously on the property. Negligible negative impacts will occur as a result of the proposed development. A minor Increase in Impervious area is proposed. The access to Grand River is proposed to be limited to right turn in and out. Access will be provided to the internal NR-PUD drives.
- 3) The redevelopment is consistent with the zoning and master plan for Genoa Township. The use of the property will not compromise the existing infrastructure or services of the Township.
- 4) The additional parcel to the NR-PUD will not impact the character or proposed uses within the existing PUD and/or surrounding area.



GENOA CHARTER TOWNSHIP Application for Site Plan Review

GENOA TOWNSHIP

APR 3 0 2014

TO THE GENOA TOWNSHIP PLANNING COMMISSION AND TOWNSHIP BOARD: Dlumon 0 4MJAKKO APPLICANT NAME & ADDRESS: MI 4817 If applicant is not the owner, a letter of Authorization from Property Owner is needed. OWNER'S NAME & ADDRESS: PKSS, LLC 29329 Paramount 171 Farmington Hills, MI 48331 Grand River Ave Howell PARCEL #(s): 11-05-400-025 SITE ADDRESS: 3838 E. UOS OWNER PHONE: APPLICANT PHONE: (248) Pete Goulas D mail CON **OWNER EMAIL:** LOCATION AND BRIEF DESCRIPTION OF SITE: Southside of Grand River Ave The existing building approximately 950 feet west of Latson Alve de commissioned and formerly Prarie House Kestaurant) will be demolished. A new Red Olive restaurant IS proposed without alcoho BRIEF STATEMENT OF PROPOSED USE: A new resta urant without a drive-thru pickup. is proposed and

THE FOLLOWING BUILDINGS ARE PROPOSED: One building is proposed for the new restaurant.

I HEREBY CERTIFY THAT ALL INFORMATION AND DATA ATTACHED TO AND MADE PART OF THIS APPLICATION IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

BY: ADDRESS:

Page 1 of 9

Contact Information - Review Letter	rs and Correspondence shall be forwa	rded to the following:	1
whete Goulas of	Red Olive	at Pete Goulas of	Gimail Com
Name	Business Affiliation	E-mail Address	

	FEE EXCEEDANCE AGREEMENT					
As stated on the site plan review fee schedule, all site plans are allocated two (2) consultant reviews and one (1) Planning Commission meeting. If additional reviews or meetings are necessary, the applicant will be required to pay the actual incurred costs for the additional reviews. If applicable, additional review fee payment will be required concurrent with submittal to the Township Board. By signing below, applicant indicates agreement and full understanding of this policy.						
SIGNATURE:	P. Coulars	DATE: 04 28 2014				
DEINT NAME	te Goulas	PHONE 248 755-1408				
Address: 21329	ADDRESS: 29329 Paramount of Farmington Hills MI48331					



January 5, 2015

Planning Commission Genoa Township 2911 Dorr Road Brighton, Michigan 48116

Attention:	Kelly VanMarter, AICP		
	Assistant Township Manager/Community Development Director		
Subject:	Red Olive – Non-Residential Planned Unit Development Review #2		
Location:	3838 E. Grand River Avenue – south side of Grand River, west of Latson Road		
Zoning:	RCD Regional Commercial District		

Dear Commissioners:

At the Township's request, we have reviewed the submittal (site plan dated 12/17/14) requesting inclusion of the subject site into the adjacent and surrounding Livingston Commons Planned Unit Development. The proposal includes rezoning of the site from RCD to NR-PUD, a site plan for development of a new restaurant and an amendment to the PUD Agreement for the entire development.

We have reviewed the proposal in accordance with the applicable provisions of the Genoa Township Master Plan and Zoning Ordinance and provide the following comments for your consideration.

A. Summary

- 1. The applicant should provide updated calculations pertaining to size of uses.
- 2. Building design and materials are subject to review and approval by the Planning Commission.
- 3. Any issues identified by the Township Engineer and/or Brighton Area Fire Department must be addressed.
- 4. Use of off-street parallel parking spaces is relatively unusual.
- 5. The barrier curb does not meet the conditions for reduced parking space depth, although vehicle overhang is unlikely to cause any conflicts.
- 6. The project does not include the 5 RV parking spaces required by Ordinance. We believe the intent is that such spaces can be found elsewhere within the PUD (although their use will not be convenient to drivers of such vehicles).
- 7. The landscape plan is deficient in terms of greenbelt, buffer zone and parking lot plantings.
- 8. There are minor discrepancies between the table of plantings and landscape plan that need to be corrected.
- 9. Authorization is needed from the adjacent property owner to the east for the 4 tree plantings proposed.
- 10. Planning Commission approval is needed for waste receptacle placement in a required side yard.
- 11. The PUD Agreement requires ornamental lighting along arterial rights-of-way. Based on the detail sheets, this appears to be provided although its location is unclear.
- 12. Planning Commission approval is need for the 2nd wall sign and 2nd monument sign.

B. Proposal

The applicant requests RCD to NR-PUD rezoning, as well as site plan approval and amendment to the existing PUD Agreement for the surrounding development (Livingston Commons).

The proposed project includes demolition of the existing building and construction of a 3,848 square foot restaurant in its place. Conventional sit-down restaurants are permitted land uses in the NR-PUD.

Genoa Township Planning Commission **Red Olive** NR-PUD Review #2 Page 2



Aerial view of site and surroundings (looking south)

C. NR-PUD Rezoning Review

There are several sections of Article 10 (Planned Unit Development) applicable to this request. Given the proposal is to include a relatively small parcel (1.11 acres) into a much larger, established PUD (89 acres), we have reviewed the PUD rezoning component of the request based upon those standards most applicable to this specific request.

For reference purposes, this includes standards found in Sections 10.02 (Qualifying Conditions), 10.03.05 (Non-residential Planned Unit Developments) and 10.07 (Standards for Approval of Conceptual PUD Site Plan).

- 1. Qualifying Conditions. Given the nature of the proposal, the larger PUD has already been determined to meet the qualifying conditions. In our opinion, the request to incorporate an adjacent 1-acre parcel within the overall PUD does not alter this condition.
- 2. NR-PUD. The NR-PUD provides several specific requirements, including size of uses, open space, permitted uses, traffic circulation, site design, architecture and utilities. Comments are provided below on the regulations applicable to this particular request:
 - a. *Size of uses.* The NR-PUD limits the overall site to a maximum of 60% for commercial uses. While we do not expect the inclusion of the subject site into the PUD to have much of an impact on this standard, the applicant should provide the Township with updated calculations for confirmation.
 - b. *Open space*. The NR-PUD requires a minimum open space ratio of 25% throughout the PUD. Calculations provided by the applicant indicate the subject site will have an open space ratio of 30% upon redevelopment.
 - c. Permitted uses. Conventional restaurants are listed as permitted uses in the RCD.
 - d. *Traffic circulation*. The site currently has access via an easement on the adjacent property to the east. The proposal includes a vehicular connection to the remainder of the PUD site, which is consistent with the intent of a PUD and the PUD Agreement.

- e. *Site Design*. Elements such as landscaping, lighting, pedestrian circulation and signage are addressed in our site plan review below (paragraph D of this review letter).
- f. *Architecture*. Building materials and design are subject to review and approval of the Planning Commission.

The proposed flat-roofed building is predominantly brick with varying horizontal and vertical materials and accents. The proposed color palette is generally earth tones with splashes of color (red and green) coming from canvas awnings and signage.

The PUD Agreement requires that all out parcel buildings have wall surfaces with a minimum of 80% natural materials. Given the fact that the canopies cover brick portions of the building, we are of the opinion that this standard is met.

Our only remaining comment is that any roof mounted equipment must be fully screened.

- g. *Utilities.* Given the site's location along Grand River and the fact that it has already been developed, we are under the impression that necessary utilities will be available to serve the proposed redevelopment. With that being said, we defer to the Township Engineer and Brighton Area Fire Department for a detailed review under this criterion.
- 3. PUD Plan. Section 10.07 provides specific site plan requirements for PUD projects.
 - a. *Qualification requirements.* Given the nature of the request, we are of the opinion that the proposal will not alter the original finding that the overall project met the PUD qualification requirements.
 - b. *Beneficial effect.* The inclusion of the site should make for a more harmonious project. As noted in the submittal, at the time of the original PUD, the subject site was under different ownership and was excluded from the PUD.

From a planning and zoning standpoint, it seems logical to include the property within the larger surrounding development where benefits may include shared access and compatibility of site design features.

- c. *Master Plan.* The Township Master Plan identifies the site as Regional Commercial, which is consistent with the current use and zoning. In our opinion, the proposal to include the subject site within the overall PUD remains consistent with the goals, objectives and future land use map of the Township Master Plan.
- d. *Natural and historical features*. As a previously developed site, we are unaware of any natural or historical features that warrant protection under the PUD.
- e. *Utilities.* We defer to the Township Engineer and Brighton Area Fire Department for specific comments on utilities for the proposed project.
- f. *Vehicular and pedestrian circulation*. Although it does not show on the aerial photo on Page 2 of this letter, the submittal identifies an existing 8-foot wide sidewalk along Grand River Avenue. The proposed plan includes a 7-foot wide sidewalk between the building and parking lot.

Vehicular access is currently provided via a shared access easement with the adjacent property to the east. Proposed amendments to the PUD Agreement would allow for retention and use of this access drive/easement. As proposed, another shared access point will be provided at the rear of the subject site for connection to the remainder of the overall PUD.

Genoa Township Planning Commission **Red Olive** NR-PUD Review #2 Page 4

Additionally, while minimum space dimensions are met, use of off-street parallel parking is relatively uncommon and parking within the southernmost space will likely be difficult. Furthermore, these spaces are 16 feet deep and abut a 4-foot wide barrier curb. Section 14.06.06 allows a 2-foot vehicle overhang when spaces abut a 7-foot wide sidewalk or a curbed landscape area. The barrier curb proposed does not meet this condition, although it will likely prevent conflicts due to vehicle overhang.

D. Site Plan Review

1. Dimensional Requirements. The project has been reviewed for compliance with the dimensional standards of this PUD as follows:

	Lot Size			Minimum Setbacks (feet)		Max.		
District	Lot Area (acres)	Width (feet)	Front Yard	Side Yard	Rear Yard	Parking	Height	Lot Coverage
NR- PUD	1	120	10	10	5	5 side/rear	75	50% building 90% impervious
Proposal	1.11	120	35.7	20.5 (E) 20.8 (W)	250	10 side 20 rear	26	8% building 70% impervious

2. **Parking.** Based upon the standards of Section 14.04, the project requires 43 parking spaces, while 49 are provided including the 2 required barrier free spaces. If the proposed restaurant does not have a liquor license, 5 longer spaces for RVs and semi-trucks are required in addition to the minimum requirement.

The lack of on-site RV spaces will likely be mitigated given the site's inclusion into the overall PUD; however, given site design, use of such spaces will not be convenient for RV or semi-truck drivers/passengers.

The parking spaces and drive aisles meet or exceed the dimensional standards of Section 14.06, although the applicant should be aware that looped (or double) striped spaces are required.

- 3. Loading. The required loading area is provided at the southwest corner of the building.
- **4.** Landscaping. To help the applicant and Commission, we have reviewed the landscape plan based on the conventional standards of Section 12.02. Generally speaking, PUDs are expected to go beyond the minimum standards in terms of landscaping.

Location	Requirements	Proposed	Comments
Front yard	4 canopy trees	3 ornamental trees	Deficient by 2 canopy trees,
greenbelt	20-foot width	2 evergreen trees	although 3 canopy trees are
-		30 shrubs	proposed on the adjacent property
		35-foot width	
Buffer zone	20 canopy trees OR	12 existing evergreens	Deficient by 1 canopy/evergreen
"C"(E)	20 evergreens OR	5 canopy trees	tree OR 4 shrubs, although 1
	80 shrubs (OR combination	2 evergreen trees	evergreen tree is proposed on the
	thereof)	1 ornamental tree	adjacent property
	10-foot width	10-foot width	
Buffer zone	20 canopy trees OR	3 canopy trees	Deficient by 5 canopy/evergreen
"C" (W)	20 evergreens OR	49 shrubs	trees OR 20 shrubs, although there
	80 shrubs (OR combination	10-foot width	are 7 existing evergreen trees on
	thereof)		the adjacent property
	10-foot width		
Buffer zone	7 canopy trees OR	3 canopy trees	Requirements met
"C" (S)	7 evergreens OR	2 evergreen trees	_
	26 shrubs (OR combination	8 shrubs	
	thereof)	20-foot width	
	10-foot width		

e	nopy trees SF of landscaped area	3 canopy trees 2 ornamental trees 1 evergreen tree 500+ SF of landscaped area	2 additional canopy trees
---	-------------------------------------	--	---------------------------

There are inconsistencies between the table of plantings and landscape plan in terms of the number of plantings proposed for Red Maple, Dwarf Burning Bush and Rose Glow Barberry. The applicant must correct these minor discrepancies to ensure consistency/accuracy in the future.

Lastly, the applicant will need authorization from the adjacent property to the east for the 4 tree plantings proposed.

5. Waste Receptacle and Enclosure. The project includes a new waste receptacle and enclosure southwest of the proposed building. Section 12.04 requires a rear yard or non-required side yard location, unless otherwise approved by the Planning Commission. The proposed placement encroaches into the required side yard.

Sheet SP notes the use of a 10' x 20' concrete base pad, while details include use of masonry enclosure, both of which comply with Ordinance requirements.

6. Exterior Lighting. The submittal includes a lighting plan (Sheet LT1), which proposes the installation of 5 light poles along the driveway and within the parking lot, as well as 16 wall mounted fixtures. The photometric readings are rather modest (3.8 footcandle maximum) and well within that allowed by Ordinance.

Fixture/pole details on Sheet LT2 identify the use of an ornamental light pole/fixture at the site entry, as well as downward directed, cut-off pole and wall mounted fixtures.

The PUD Agreement states that ornamental lighting will be provided along arterial rights-of-way. It is unclear where the ornamental pole/fixture is to be placed.

7. Signs. The submittal proposes 2 monument signs and 2 wall signs. The Ordinance limits businesses on internal lots to 1 wall sign and 1 monument sign. However, there are exceptions whereby the Planning Commission may allow a 2nd wall sign for lots that require additional visibility and a 2nd monument sign for an outlot with at least 100 feet of frontage and shared access.

The size, design and placement of all signs are compliant with the conventional Ordinance, as well as the PUD Agreement, although the applicant should be aware that a sign permit will be required prior to installation (if approved).

8. Impact Assessment. The submittal includes an Impact Assessment (4/25/14). In summary, the Assessment notes that the project is not anticipated to adversely impact natural features, public services/utilities, surrounding land uses or traffic.

Should you have any questions concerning this matter, please do not hesitate to contact our office. I can be reached by phone at (248) 586-0505, or via e-mail at <u>borden@lslplanning.com</u>.

Sincerely, LSL PLANNING, INC.

Brian V. Borden, AICP Senior Planner



January 6, 2015

Ms. Kelly Van Marter Genoa Township 2911 Dorr Road Brighton, MI 48116

Re: Red Olive Site Plan Review #2

Dear Ms. Van Marter:

We have reviewed resubmitted site plan documents and proposed PUD amendment for the Red Olive Restaurant dated December 19, 2014. The site is on the south side of Grand River just west of Latson Road and between the 5/3rd Bank and White Castle Restaurant and currently contains an old restaurant building. The petitioner is planning to demolish the existing building and associated parking lot and construct a new restaurant and parking lot.

The petitioner has also requested the property be re-zoned from Regional Commercial District to Non-Residential Planned Unit Development District. This would permit the property to join the surrounding PUD and utilize the existing private road network to improve site accessibility. Tetra Tech has reviewed the documents and offers the following comments for consideration by the planning commission:

SUMMARY

1. Review proposed hydrant arrangement and show all existing and proposed public water main easements.

SITE PLAN

1. The updated water main and service connections include two 6-inch tapping sleeves for the proposed fire hydrant and 6-inch fire protection line within several feet of one another. Existing water main easement should be shown on the drawings, including a new easement if the hydrant extends beyond the limit of the easement. Recommend combining into a single 8-inch tap and move fire suppression shutoff valve to the end of the line with the hydrant branch off a tee. This will help avoid with the adjacent storm sewer. Check if the water main to the east can be shut down to allow for a tee to be installed on the existing water main without a tapping sleeve.

Verify internal RPZ on fire department connection to avoid backflow into MHOG system. The connection is shown in plan view, however, no additional details or representation are included in the architectural drawings. The construction plans will be required to be submitted to MHOG for review.

Ms. Kelly Van Marter Rezoning Application and Site Plan Review #2 – Red Olive January 6, 2015 Page 2

The petitioner should revise and resubmit the site plan to address the above comments prior to approval.

Please call if you have any questions.

Sincerely,

Unit Vice President

copy: James Barnwell, P.E., Desine Inc.

Joseph C Samet

BRIGHTON AREA FIRE AUTHORITY



615 W. Grand River Ave. Brighton, MI 48116 0: 810-229-6640 f: 810-229-1619

December 29, 2014

Kelly VanMarter Genoa Township 2911 Dorr Road Brighton, MI 48116

RE: Red Olive Restaurant 3838 E. Grand River Revised Site Plan Review

Dear Kelly:

The Brighton Area Fire Department has reviewed the above mentioned revised site plan. The plans were received for review on December 23, 2014 and the drawings have a revised date of December 17, 2014. The project is based on a new 3,848 square foot building to be used as a Restaurant (Assembly Use). The plan review is based on the requirements of the International Fire Code (IFC) 2012 Edition.

The applicant has addressed all of the issues made in our October 14, 2014 letter and this submittal now appears to be in general conformity with the adopted fire prevention code.

Additional comments will be given during the building plan review process (specific to the building plans and occupancy). If you have any questions about the comments on this plan review please contact me at 810-229-6640.

Cordially,

Michael Evans, EFO, CFPS Deputy Fire Chief

IMPACT ASSESSMENT for RED OLIVE RESTAURANT

GENOA TOWNSHIP

DEC 1 9 2014

Owner:

PKJJ, LLC 29329 Paramount Court Farmington Hills, MI 48331

Prepared by: DESINE INC. 2183 Pless Drive Brighton, Michigan 48114

April 25, 2014



A. INTRODUCTION

This impact assessment has been prepared pursuant to Article 18 – <u>SITE PLAN</u> <u>REVIEW</u> of the Zoning Ordinance for the Township of Genoa, Livingston County. This assessment addresses the impact of the proposed redevelopment of 1.11 acres on the natural features, economic condition, and social environment of the Township. The subject parcel is currently zoned RC (Regional Commercial) within the Official Township Zoning Map.

The existing facilities include a 2,546 sq., ft. one-story building and a small parking area to the south of the building. The paved access drive crosses adjacent property to the east over a 0.21 acre ingress and egress easement. Traffic exiting onto Grand River Avenue is restricted to right turns only by means of a sign and a raised curb-island.

The submitted Plan presents the applicant's intended demolition and decommissioning of the existing building and construction of a proposed restaurant 3,848 sq., ft. in area. Landscaping will be added to the site. Drainage will be collected by subsurface storm sewers and directed to a surface inlet to subsurface drainage at the southeast corner of the site.

This impact assessment has been prepared under the direction of and by:

James M. Barnwell, P.E. DESINE INC. 2183 Pless Drive Brighton, Michigan 48114 (810) 227-9533

The civil engineering / surveying firm of DESINE INC. has been in practice since 1989. Mr. Barnwell is a licensed Civil Engineer with experience in private and municipal developments including a number of projects within Genoa Township and Livingston County.

B. SITE LOCATION / DESCRIPTION

The site consists of approximately 1.11 acres, which is currently zoned RC (Regional Commercial). The property is located along the south side of Grand River Avenue, approximately 950-feet westerly from Latson Road. The subject parcel currently has a 2,546 sq. ft. building with associated parking as presented on the Site Plan. The existing building and pavement will be demolished. A new 3,848 sq. ft. restaurant with curbed pavement will be constructed as shown on the Site Plan.

C. IMPACT ON NATURAL FEATURES

The existing topography of the site is generally flat, with a moderate grade from north to south. The site exhibits elevation differences from $1,010 \pm -$ at the north property line to $1,003 \pm -$ at the southeast property corner. Surface drainage is generally north to south. The current property has turf primarily north and east of the building and turf buffers adjacent to the parking pavement. The proposed layout slightly reduces the turf area and increases the landscaping vegetation.

The soils on the property are of the Miami Loam Series. The site is predominantly mild slopes of 2 to 6 percent. These soils are generally well drained, moderately permeable, loamy sands. The United States Department of Agriculture, Soil Conservation Service, prepared the soil classification as are presented in the "Soil Survey of Livingston County."

The applicant will be connecting to the existing sanitary sewer and water service leads to public sanitary sewer and water mains along Grand River Avenue. The sanitary lead will include a pre-treatment tank to collect fats, oils and greases prior to reaching the main. Routine maintenance to clean out the grease trap will be required.

The applicant is proposing to continue using the building and site features for food service related to their business (Red Olive Restaurant). The improvements to the site include new building construction, new parking lot, lighting, utilities and additional landscaping throughout the site.

A minor increase to the subject parcels impervious areas is proposed. The impervious and pervious surfaces drain from north to south into a surface inlet at the southeast corner of the property. Runoff continues through subsurface drainage sewers to a community detention basin to the west. Storage from the detention basin drains westerly through private drains that eventually arrive at the Marion-Genoa County Drain.

No impact to local aquifer characteristics or groundwater recharge capacity is anticipated. Surface water runoff from the site currently percolates through the soils or flows into the community detention basin to the south.

A minimum variety of wildlife habitats exist on the property. Wildlife supported in these areas is generally smaller field animals and birds. The current uses of the adjacent properties and the existence of Latson Road and Grand River Avenue limits the quality of upland habitat available.

Existing vegetation on the site will be improved. The natural vegetation buffer along the property edges will remain. The overall quality and quantity of vegetation and ground cover will be improved.

D. IMPACT ON STORM WATER MANAGEMENT

Minor changes to the subject parcels impervious areas are proposed that will not result in any significant change in the site run-off. A small portion of the site within the Grand River Avenue Right-of-Way will continue to be channeled to the Grand River Avenue drainage system. The south portion of the site will be collected by subsurface pipes outleting to the community detention basin to the west. The existing vegetation filters the stormwater runoff prior to being detained in the existing pond.

Soil erosion and sedimentation are controlled by the provisions of the Natural Resources and Environmental Protection Act, No. 451 of the Public Acts of 1994, as amended and is administered by the Livingston County Drain Commissioner. The Contractor will be required to comply with all regulations including control during and after construction. Required silt fence and inlet filter locations are depicted on Sheet SE.

The Contractor shall be responsible for initiating and maintaining adequate dust control measures during and after construction. Dust control measures used during construction may consist of site watering, mulching of completed areas, installation of windbreak fencing, and application of chemical dust control materials.

Implementing soil erosion control methods will minimize any impact to adjoining properties due to the temporary ground disturbance proposed for the site. Impacts to adjacent properties due to surface water runoff will be minimized by the Soil Erosion and Sedimentation Control measures proposed.

E. IMPACT ON SURROUNDING LAND USES

The property to the north of the subject parcel, across Grand River Avenue, is zoned MUPUD (Mixed Use Planned Unit Development). The properties to the east, south and west of the subject parcel are zoned NRPUD (Non-residential Planned Unit Development). To the east is the Fifth Third Bank. To the south is Walmart. To the west is White Castle restaurant.

The subject property is zoned RC (Regional Commercial) District. No change in use is proposed. The improvements to the site are consistent with the commercial uses in the area. The additional landscaping will upgrade the functionality of the property. All areas disturbed by construction will require restoration as outlined in the project plans and required by the permitting agencies.

F. IMPACT ON PUBLIC FACILITIES AND SERVICES

The Livingston County Sheriff and Michigan State Police will provide Police protection. Additional services required to accommodate this development are anticipated to be minor. The Brighton Area Fire Department as a part of an existing governmental agreement will provide fire protection service. An existing fire hydrant is located directly south of the subject property on the south side of the adjacent service drive. No additional fire protection is required to service this facility. The existing entrances for the property will provide access for fire trucks and emergency vehicles.

The upgrade of this facility will not create any direct adverse impact on the schools.

G. IMPACT ON PUBLIC UTILITIES

The property is presently served by municipal sewer and water systems.

Connection to the water main and sanitary sewer is possible through the existing leads located north of the existing building.

The site is serviced by electric, gas, phone and cable systems located along Grand River Avenue. These utilities currently service the site and the utility companies have indicated they have the ability to provide the necessary utilities to operate the proposed facility.

H. STORAGE AND HANDLING OF ANY HAZARDOUS MATERIALS

The restaurant uses within the proposed building will not use, store, generate and/or discharge potentially polluting materials with the possible exception of industrial strength degreasing solvents and cleaners. All solid wastes will be properly disposed of by a licensed disposal firm on a regular basis. A visually screened dumpster is proposed on the site to the south of the building.

Hazardous materials that may be stored on site may include cleaning supplies. These materials would be in extremely small quantities. The cleaning supplies shall not be stored in any rooms or closets that have a floor drain.

I. IMPACT ON TRAFFIC AND PEDESTRIANS

Current access to the site consists of one drive from Grand River Avenue. The proposed site plan shows access to the parcel being provided both from the existing drive off Grand River Avenue and from a new proposed drive to the south service drive. Patrons exiting to Grand River Avenue will be restricted to a right turn only. The south service drive will permit routing to the existing traffic lights on Grand River Avenue. The drives and parking will be paved and curbed.

The proposed use is generally consistent with the "Quality Restaurant" category (Code 831) found within the Trip Generation Manual. The building area consists of 3848 +/- total square feet. The average weekday experiences 9.40 trips per peak hour for each 1,000 square feet of gross floor area. A restaurant has a peak hour on Saturdays with 10.82 trips per peak hour for each 1,000 square feet of gross floor area. The anticipated trip generation during the weekday for the peak hour on the subject parcel is 36 trips.

The peak hour on Saturday is projected at 41.6 trips.

A temporary one-lane closure may be required on Grand River during construction to direct traffic away from drive entrance work both at Grand River Avenue and the service drive to the south. The service drive to the south currently utilizes a timber retaining wall along the south property that will be removed and replaced with an at grade drive entrance.

The amount of parking being provided meets the Township Ordinance for restaurants with no drive through window and no alcohol served.

Loading will occur through the parking lot area in the back with no disruption to public traffic movement.

There is an existing sidewalk in front along Grand River Avenue with barrier free ramps at the driveway. The proposed curb island in the driveway will also include barrier free ramps.

No adverse impacts on vehicular or pedestrian traffic are anticipated.

J. SPECIAL PROVISIONS

No special provisions or requirements are currently proposed for this facility.

K. SITE LIGHTING

In addition to proposed building mounted exterior lights, three pole mounted lights, a maximum of 30 feet above parking lot grade, are proposed.

L. HOURS OF OPERATION

Hours of operation will be consistent with their existing locations as follows:

7:00 a.m. to 9:00 p.m. Monday – Thursday 7:00 a.m. to 10:00 p.m. Friday & Saturday 8:00 a.m. to 9:00 p.m. Sunday



MEMORANDUM

2911 Dorr Road	_				
Brighton, MI 48116	TO:	Jim Barnwell, Desine Engine	Jim Barnwell, Desine Engineering		
810.227.5225 810.227.3420 fax genoa.org	FROM:	Kelly VanMarter, Assistant ⁻ Director	ommunity Development		
genealorg	DATE:	January 8, 2015			
	RE:	Red Olive Restaurant Sewer 3838 E. Grand River (11-05-	•		
		will describe the connection fe located at 3838 E. Grand River.	•	3,848 sq. ft. Red Olive	
	3,848 sq. f	t. sit down restaurant (no liquo	o r) @ 2.4 REU per 1,00	0 sq. ft. = 9.23 REU	
	LESS PREV	IOUSLY PAID:			
	Water (Gra	and River Water Special Assessn	nent)	-6.0 REU	
	Sewer (for	mer 2,922 sq. ft. restaurant @2	.4 per 1,000 sq. ft.)	-7 REU	
		NECTION CHARGE =			
	Water:	9.23 REU – 6 REU (assessed	i) =	3.23 REU	
	Sewer:	9.23 REU – 7 REU (credits f	or existing bldg.) =	2.23 REU	
	Water	3.23 REU @ \$7,900	\$ 25,517.00		
	Sewer	2.23 REU @ \$7,200	\$ 16,056.00		
SUPERVISOR Gary T. McCririe		ΤΟΤΑ	AL DUE: \$41,573.00		
CLERK Paulette A. Skolarus					

TREASURER

Robin L. Hunt

Michael C. Archinal

TRUSTEES

H. James Mortensen Jean W. Ledford Todd W. Smith Linda Rowell

<u>Connection Fees must be paid at time of land use permit issuance.</u>

A meter package may also need to be purchased including the appropriate sized meter and a MIU (meter interface unit). Should you have any questions please feel free to contact me at 810-227-5225.

GENOA CHARTER TOWNSHIP PLANNING COMMISSION NOTICE OF PUBLIC HEARING NOVEMBER 10, 2014 6:30 P.M.

1

1

The Genoa Township Planning Commission will hold a public hearing at 6:30 p.m. on November 10, 2014 requesting recommendation of the following:

OPEN PUBLIC HEARING #1... Review of a site plan, environmental impact assessment, rezoning, and planned unit development amendment for a proposed 3,848 sq ft Red Olive Restaurant. The property in question is located at 3838 E. Grand River Avenue, Howell, Michigan 48443. The request is petitioned by PKJJ, LLC.

OPEN PUBLIC HEARING #2... Review of a sketch plan, special use, and environmental impact assessment for a proposed 6,000 sq ft baseball facility, located within an existing building at 7341 W. Grand River Avenue, Brighton, Michigan 48116. The request is petitioned by Batter Up Batting Cages, LLC.

Review of a sketch plan, special use, and environmental impact assessment for a proposed 6,000 sq ft baseball facility, located within an existing building at 7341 W. Grand River Avenue, Brighton, Michigan 48116. The request is petitioned by Batter Up Batting Cages, LLC.

Please address any written comments to the Genoa Township Planning Commission at 2911 Dorr Rd, Brighton, MI 48116 or via email at kathryn@genoa.org. All materials relating to this request are available for public inspection at the Genoa Township Hall prior to the hearing.

Genoa Township will provide necessary reasonable auxiliary aides and services to individuals with disabilities who are planning to attend. Please contact the Genoa Township Hall at (810) 227-5225 in advance of the meeting if you need assistance.

(10-26-2014 DAILY 218007)

22

GENOA CHARTER TOWNSHIP PLANNING COMMISSION NOTICE OF PUBLIC HEARING JANUARY 12, 2014 6:30 P.M.

The Genoa Township Planning Commission will hold a public hearing at 6:30 p.m. on January 12, 2014 requesting recommendation of the following:

OPEN PUBLIC HEARING #1... Review of a site plan, special use, and environmental impact assessment for a proposed new 22,600 sq. ft. industrial building. The building will be used to sort, warehouse, and distribute batteries which are categorized as hazardous materials. Storage and/or use of hazardous materials require special land use approval. The property in question is located at 5900 Brighton Pines Court, Howell, Michigan 48443. The request is petitioned by Brivar Construction Company.

OPEN PUBLIC HEARING #2... Review of a site plan, environmental impact assessment, rezoning, and planned unit development amendment for a proposed 3,848 sq. ft. Red Olive Restaurant. The property in question is located at 3838 E. Grand River Avenue, Howell, Michigan 48443. The request is petitioned by PKJJ, LLC.

OPEN PUBLIC HEARING #3... Review of a site plan, environmental impact, and planned unit development amendment for a proposed redevelopment of an existing outparcel for a new 12,000 sq ft multi-tenant building. The property in question is located at 3950 E. Grand River Avenue, Howell, Michigan 48443. The request is petitioned by RG Properties, Inc.

OPEN PUBLIC HEARING #4... Review of sketch plan for a proposed 12,439 sq. ft. worship facility and coffee shop to occupy space within the multi-tenant building located at the northwest corner of Grand River Avenue and Genoa Business Park Drive (2250 Genoa Business Park Drive). The request is petitioned by Lindhout Associates.

Please address any written comments to the Genoa Township Planning Commission at 2911 Dorr Rd, Brighton, MI 48116 or via email at kathryn@genoa.org. All materials relating to this request are available for public inspection at the Genoa Township Hall prior to the hearing.

Genoa Township will provide necessary reasonable auxiliary aides and services to individuals with disabilities who are planning to attend. Please contact the Genoa Township Hall at (810) 227-5225 in advance of the meeting if you need assistance.

(12-26-2014 DAILY 225473)



2911 Dorr Road Brighton, MI 48116 810.227.5225 810.227.3420 fax genoa.org

October 20, 2014

To Whom It May Concern:

There will be a hearing for a rezoning in your general vicinity on Monday, November 10 at 6:30 p.m. at Genoa Township Hall, located at 2911 Dorr Road, Brighton, Michigan.

The property in question is located at the former Prairie House / BBQ restaurant site, 3838 East Grand River Avenue, Howell, Michigan 48843. The rezoning, site plan, environmental impact assessment, and planned unit development amendment have been requested for a proposed 3,848 sq ft Red Olive Restaurant. The request is petitioned by PKJJ, LLC.

Materials relating to this request are available for public inspection at the Genoa Township Hall during regular business hours. If you have any questions or objections in this regard, please be present at the public hearing noted above. Written comments may be addressed to the Planning Commission.

Genoa Township will provide necessary reasonable auxiliary aides and services to individuals with disabilities who are planning to attend. Please contact the Genoa Township Hall at (810) 227-5225 in advance of the meeting if you need assistance.

Sincerely,

Kelly VanMarter Assistant Township Manager / Community Development Director KKV/kp

SUPERVISOR Gary T. McCririe

CLERK Paulette A. Skolarus

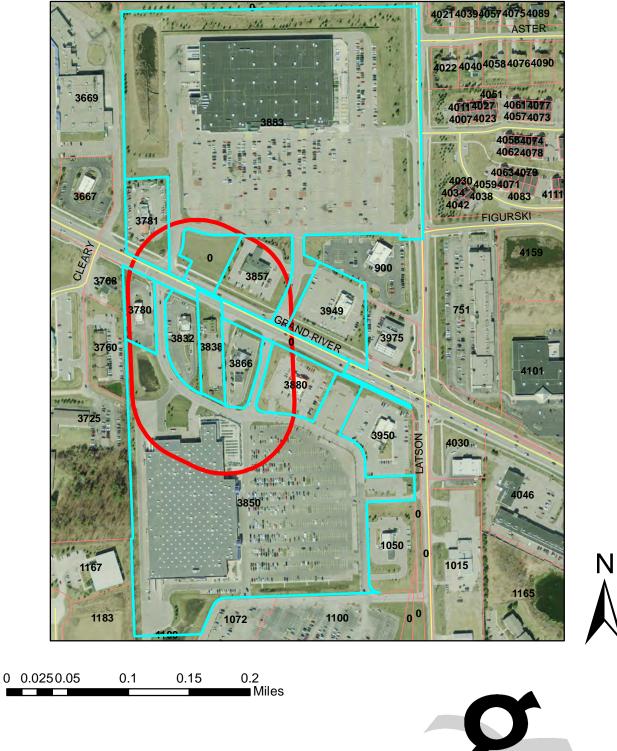
TREASURER Robin L. Hunt

MANAGER Michael C. Archinal

TRUSTEES

H. James Mortensen Jean W. Ledford Todd W. Smith Linda Rowell

300-Foot Buffer for Noticing



Planning Commission Case #14-04 Applicant: PKJJ, LLC Parcel: 11-05-400-025 Meeting Date: November 10, 2014



A & R DEVELOPMENT II, LLC 130 60TH ST SW GRAND RAPIDS, MI 49548

RNS HOWELL LLC 5215 OLD ORCHARD RD STE #760 SKOKIE, IL 60077

OCCUPANT 3838 E GRAND RIVER HOWELL, MI 48843

MCDONALD'S CORP 21-1123 PO BOX 182571 COLUMBUS, OH 43218-2571

OCCUPANT 3850 E GRAND RIVER HOWELL, MI 48843

MEIJER INC. - PROPERTY TAX DEPT 2929 WALKER AVE NW GRAND RAPIDS, MI 49544

OCCUPANT 3832 E GRAND RIVER HOWELL, MI 48843

1

5OUTHWIND RESTAURANTS, LLC 109 EAST BROADWAY MT PLEASANT, MI 48858 OCCUPANT 3949 E GRAND RIVER HOWELL, MI 48843

OCCUPANT 3780 E GRAND RIVER HOWELL, MI 48843

DIPIPPO ASSOCIATES, LP 73 MACKAY AVENUE WALDWICK, NJ 7463

OCCUPANT 3781 E GRAND RIVER HOWELL, MI 48843

TCF BANK, FACILITIES MANAGEMT 801 MARQUETTE AVE MINNEAPOLIS, MN 55405

OCCUPANT 3883 E GRAND RIVER HOWELL, MI 48843

BOB EVANS FARMS, INC. 8111 SMITH'S MILL RD NEW ALBANY, OH 43054

QDOBA 3825 E GRAND RIVER AVE HOWELL, MI 48843 LIVINGSTON COUNTY ROAD COMM. 3535 GRAND OAKS DR HOWELL, MI 48843

PKJJ, LLC 1051 ANN ARBOR RD PLYMOUTH, MI 48170

OCCUPANT 3866 E GRAND RIVER HOWELL, MI 48843

WAL-MART #DIVISION-STORE #1754, DEPT 0555 PO BOX 8050 MS 0555 BENTONVILLE, AR 72712-8050

OCCUPANT 3857 E GRAND RIVER HOWELL, MI 48843

WHITE CASTLE MICHIGAN LLC 555 W GOODALE STREET COLUMBUS, OH 43215

OCCUPANT 3880 E GRAND RIVER HOWELL, MI 48843

Final Onve Labels Red 300 Labels

COVER SHEET FOR

AMENDMENT TO PLANNED UNIT DEVELOPMENT AGREEMENT

FOR PHASE I AND PHASE II LAND

BETWEEN

RLG HOWELL LLC AND GCG HOWELL LLC

AND

PKJJ, LLC

AND

TOWNSHIP OF GENOA

DATED _____, 2014

Prepared By and After Recording Return To: April Ann Jordan Hedrick & Jordan Co., LPA 100 E. Third Street, Suite 500 Dayton, Ohio 45402 937-228-3889

STATE OF MICHIGAN COUNTY OF LIVINGSTON TOWNSHIP OF GENOA

AMENDMENT TO PLANNED UNIT DEVELOPMENT AGREEMENT

This Amendment to Planned Unit Development Agreement is made and entered into this day of ______, 2014, by **RLG HOWELL LLC**, a Michigan limited liability company, and **GCG HOWELL LLC**, a Michigan limited liability company, both of 10050 Innovation Drive, Suite 100, Dayton, Ohio 45342 (collectively, "Owner"); **PKJJ, LLC**, a Michigan limited liability company, of ______ ("PKJJ); and **GENOA CHARTER TOWNSHIP**, a Michigan municipal corporation, 2911 Dorr Road, Brighton, Michigan 48116 ("Township").

RECITATIONS:

Owner possesses fee title to certain real property located in Genoa Charter Township, Livingston County, State of Michigan, described in that certain Planned Unit Development Agreement dated April 6, 1999, and recorded at Liber 2609, Page 0205 of the records of Livingston County, Michigan (the "Phase I PUD").

Subsequent to the Phase I PUD, Owner and Township entered into that certain Planned Unit Development Agreement for Phase II Land dated August 17, 2009, and recorded at 200R-023916 of the records of Livingston County, Michigan (the "Phase II PUD"). The Phase I PUD applied to Phase I and Phase II land described therein, and the Phase II PUD modified provisions pertaining to Phase II.

In 2011 Owner and Township considered a further Amendment to the Phase I PUD Agreement that contemplated the reconfiguration of Lot #4 into two sub-lots; provided however the amendment was never finalized or executed, and as such is of no force or effect.

Pursuant to Article IV, Internal Road Network, subsection 4.1, the Phase I PUD contemplated that the property formerly owned by the Prairie House Restaurant and know owned by PKJJ (the "Red Olive Parcel") described on Exhibit A attached hereto could benefit from an easement established by Owner over and across the Red Olive Parcel.

Owner and PKJJ have agreed to amend Owner's existing Declaration of Restrictions and Easements for Outlots dated September 2, 1999, recorded September 10, 1999, at Liber 2652, Page 0082 of the records of Livingston County, Michigan (the "Declaration") to provide the Red Olive Parcel with access over the access ways on the adjacent lands of Owner and to subject the Red Olive Parcel to the terms of the Declaration.

In connection therewith, Owner and PKJJ wish to amend the Phase I PUD and the Phase II PUD to subject the Red Olive Parcel thereto pursuant to the terms contained herein.

NOW, THEREFORE, Owner and PKJJ, in consideration of the mutual promises contained in this Agreement, hereby agree as follows:

1. <u>Article I, General Terms of Agreement</u> of the Phase I PUD, shall be amended to add the following additional subsection:

1.7 The Red Olive Parcel shall be subject to the terms and conditions of the Phase I PUD, subject to the provisions of this Amendment.

2. <u>Article II, Land Use Authorization</u>, subsection 2.1 of the Phase I PUD, shall be amended to delete the sentence reading "Further, only one drive through restaurant facility shall be permitted and such use shall only be permitted on Lot #1." The following shall be placed in its stead:

One drive through restaurant facility may be allowed on Lot 4. Additional drive through restaurant facilities may be allowed on all parcels within five hundred feet (500') of each other, subject to Special Land Use approval by the Township, including the Special Use Requirements as outlined in the Special Land Use Regulations as they may exist from time to time. The Township and Owner agree that this use shall be considered upon providing that the stacking or queuing of such drive through restaurant facilities shall be sufficient to accommodate expected peak volumes and to minimize conflict with the internal road network located on the Property, as well as any public roadways.

3. <u>Article IV, Internal Road Network</u> of the Phase I PUD, shall be amended to add the following additional sentence:

Notwithstanding anything contained in the Phase I PUD to the contrary, the Red Olive Parcel shall be allowed to maintain access to the Grand River Avenue existing curb cut, provide such access shall be limited to "right-in, right-out" movement.

4. <u>Article VI, Site Improvements</u>, subsection 6.5(a) shall be amended to add the following additional sentence:

Notwithstanding anything contained herein to the contrary, in the event a multi tenant building is constructed on Lot #4, then one double row of parking may be installed in front of the building (also called the "front yard") on Lot #4.

5. <u>Article VI, Site Improvements</u>, subsection 6.5(b) of the Phase I PUD, and subsection 6.4(B) of the Phase II PUD, shall each be deleted, it being acknowledged that Owner shall have no obligation to the Township to provide an entranceway landmark pursuant to the Phase I PUD or the Phase II PUD because such location or locations are not available for such signage. The following shall be inserted instead:

In the event a multi tenant building is constructed on Lot #4, then in addition to any signage otherwise permitted on Lot #4, a Township identification sign shall be placed by the Township on Lot #4. The type and design of the Township identification sign is depicted on

Exhibit B attached hereto. After the installation of the Township identification sign, Owner shall maintain same in good condition and repair.

6. <u>Article VII, Design of Building and Signs</u>, subsection 7.2, Signage, shall be amended to add the following additional sentence:

The owner of the Red Olive Parcel may install a monument sign abutting Grand River Avenue and other signs as may be permitted under the Declaration.

APPROVED by Owner and PKJJ on this ____ day of _____, 2014.

WITNESSES:

RLG HOWELL LLC, a Michigan limited liability company

By: Randall L. Gunlock, Trustee under the Amended Revocable Trust Agreement Dated May 30, 2013, Randall L. Gunlock, Grantor, Managing Member

By: Randall L. Gunlock Its: Trustee

GCG HOWELL LLC, a Michigan limited liability company

By: Glenn C. Gunlock Its: Managing Member

PKJJ, LLC, a Michigan limited liability company

		By: Its:	
STATE OF)) SS:		
COUNTY OF) 55.		

The foregoing instrument was acknowledged before me the ____ day of _____, 2014, by Randall L. Gunlock, Trustee under the Amended Revocable Trust Agreement Dated May 30, 2013, Randall L. Gunlock, Grantor, Managing Member of RLG Howell LLC, a Michigan limited liability company, on behalf of the company.

Notary Public

STATE OF)) SS: COUNTY OF)

The foregoing instrument was acknowledged before me the _____ day of _____, 2014, by Glenn C. Gunlock, Managing Member of GCG Howell LLC, a Michigan limited liability company, on behalf of the company.

Notary Public

STATE OF)) SS: COUNTY OF)

The foregoing instrument was acknowledged before me the _____ day of _____, 2014, by ______, the _____, of PKJJ, LLC, a Michigan limited liability company, on behalf of the company.

Notary Public

APPROVED by the Township Board for the Township of Genoa on the _____ day of _____, 2014, at a meeting duly called and held.

WITNESSES:		TOWNSHIP OF GENOA:
		By: Its:
		113.
		By: Its:
STATE OF	N	
STATE OF COUNTY OF)) SS:)	

The foregoing instrument was acknowledged before me the _____ day of ______, 2014, by _______, who was duly authorized by the Genoa Township Board to sign this Amendment on behalf of Genoa Township and who acknowledged the same to be his/her free act and deed.

Notary Public

STATE OF

COUNTY OF

The foregoing instrument was acknowledged before me the _____ day of ______, 2014, by _______, who was duly authorized by the Genoa Township Board to sign this Amendment on behalf of Genoa Township and who acknowledged the same to be his/her free act and deed.

) SS:

Notary Public

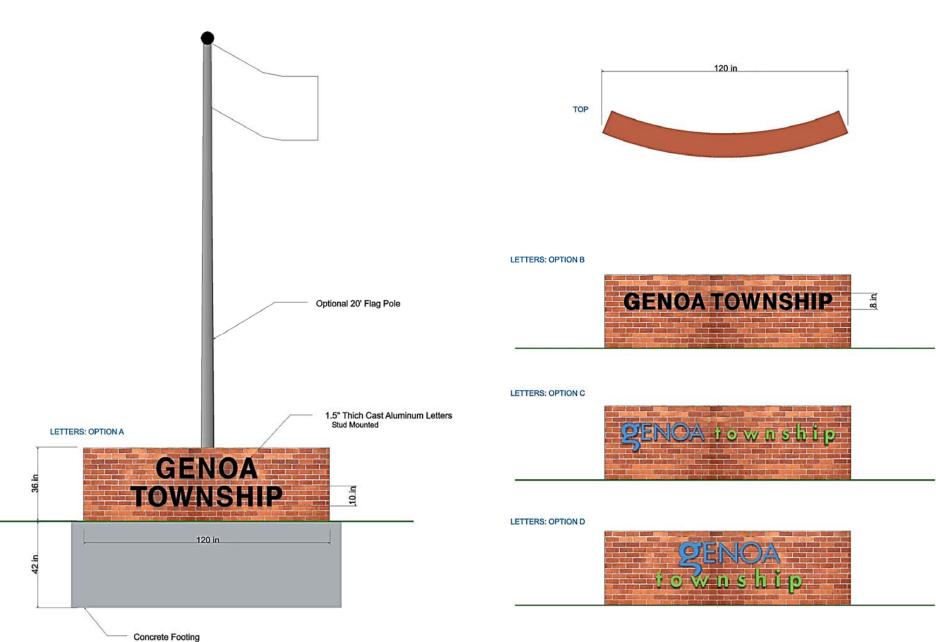
EXHIBIT A

LEGAL DESCRIPTION OF RED OLIVE PARCEL

EXHIBIT B

TOWNSHIP IDENTIFICATION SIGN

wight signs.com	p: 810-588-4703 f: 810-588-4706 NEW LOCATION 8200 Grand River Road Brighton, MI 48114	Customer Name: Company: Street: City: State: Country: Phone: Fax:	Job Number: Order Taken By: Order Date: Delivery Date: Shipping: File Name: RGprop_genoatwp_1214.fs Comments: Description:	NOTE: All sales are final once proofing has begun. There are no refunds once production has begun. Jobs canceled prior to production may be subject to design fees. %50 deposit required before production to begin. Artwork & Files are owned exclusively by W4 Signs, Inc. unless originally provided by client or specifically stated. Original artwork files and rights may be purchased for an additional fee. It is the responsibility of the client to ensure proof accuracy, including all spelling, colors & materials as indicated. After the 3rd proof, each additional revision will incur an additional \$20 fee. Proof approval authorizes W4 Signs to proceed with production of the design selected. Call for specific estimated completion time, otherwise jobs will be completed within the production schedule and/or notified for installation.
Revisions: 1 2 3	4 5 6	E-mail:		All Balances due upon completion / installation.
Please verify your proof approval or revision	s have been received.	It is the responsibility of the o	client to ensure proof accurac	y, including all spelling, colors & materials specified.
Approval Signature:	ſ	Date:	NOT APPROVED:	APPROVED: APPROVED W/ REVISIONS:



RED OLIVE RESTAURANT

3838 E. GRAND RIVER AVE, HOWELL PART OF THE SOUTHEAST 1/4 OF SECTION 5 T2N-R5E, GENOA TOWNSHIP, LIVINGSTON COUNTY, MICHIGAN

LEGAL DESCRIPTION

Reference: Commitment for Title Insurance by Metropolitan Title Company, Commitment No. 121555 2014, Commitment Date April 10, 2007 at 8:00 a.m., Rev. B July 10, 2007

The land referred to in this Commitment, situated in the County of Livingston, tawnship of Genoa, State of Michigan, is described as follows:

PARCEL No. 2

A part of the Southeast 1/4 of Section 5 Town 2 North, Range 5 East, Genoa Tomship, Livingston County, Michigan, mare particularly described as: Commancing at the Southeast Corner of Section 5 Tom 2 North, Range 5 East, Genoa Township, Livingston County, Michigan; thence N0211'26'E 548.49 feet along the East line of said Section and the centerline of Latoan Road; thence N6051'00'W 982.34 feet along the centerline of Grand River Avenue to the POINT OF BECINNING, thence S0129'10'W 456.45 feet; thence N6051'00'W 120.00 feet; thenke N01'29'10'E 456.45 feet; thence S60'51'00'E 120.00 feet along said centerline of Grand River Avenue to the Point of Beginning. Subject to and together with easements and restrictions affecting tille to the above described premises.

EASEMENT PARCEL

A non-exclusive easement for ingress and egress over a fifty foot wide strip of land being more particularly described as follows: Commencing at the Southeast Corner of Section 5, Tom 7, North, Range 5 East, Genoa Tomship, Livingston County, Michigan, theree N0211/26°E 548.49 feet along the East line of said Section and the centerline of Latson Road; thence N605100°W 925.89 feet along the centerline of Crand River Avenue to the POINT OF BECHNING; thence S0129'10°W 173.79 feet; thence N8030'50°W 50.00 feet; thence N0129'10°E 200.00 feet; thence S6051'00°E 56.45 feet along soid centerline of Crand River Avenue to the Point of Beginning. Being a part of the Southeast 1/4 of Section 5, Tom 2 North, Range 5 East, Genoa Tomship, Livingston County, Michigan.

Tax Item No. 4711-05-400-025 201 47070

PROPERTY AREAS PARCEL 2 CONTAINING ±48513 SF; ±1.11 ACRES EASEMENT PARCEL CONTAINING ±9344 SF; ±0.21 ACRES



SE2 S LA1 L LA2 L LT1 P LT2 L DT1 S DT2 S DT3 U A 1 F A2 N A3 E

EX

SP

GR

SE1

ADBIAL PHOTOGRAPHY BY: Google maps Artist photographic underlog is an unrectifie moge and is orienticled to the angineering work within researching excurst with provide and may not accurately depict current site conditions.

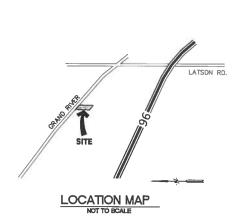
OWNER/DEVELOPER

PKJJ, LLC 29329 PARAMOUNT COURT FARMINGTON HILLS, MI 48331 ARCHITECT

PUCCI + VOLLMAR 508 E. GRAND RIVER AVENUE BRIGHTON, MI. 48116 (810) 225-2930

CIVIL ENGINEER/LAND SURVEYOR

DESINE INC. 2183 PLESS DRIVE BRIGHTON, MI. 48114 (810) 227-9533



SHEET INDEX

- EXISTING CONDITIONS/ DEMOLITION PLAN
- SITE DEVELOPMENT PLAN
- GRADING AND UTILITY PLAN
- SOIL EROSION AND SEDIMENT CONTROL PLAN
- SE2 SOIL EROSION NOTES AND DETAILS
 - LANDSCAPE PLAN
- LA2 LANDSCAPE NOTES AND DETAILS
- LT1 PHOTO METRIC PLAN
- LT2 LIGHTING DETAILS
- DT1 SITE DEVELOPMENT NOTES AND DETAILS
- DT2 STORM SEWER & SANITARY SEWER NOTES AND DETAILS
 - UNDERGROUND DETENTION NOTES AND DETAILS
- A 1 FLOOR PLANS
 - NORTH AND SOUTH ELEVATIONS
 - EAST AND WEST ELEVATIONS

(810) 227-953 CIVIL ENGINEER LAND SURVEYOR

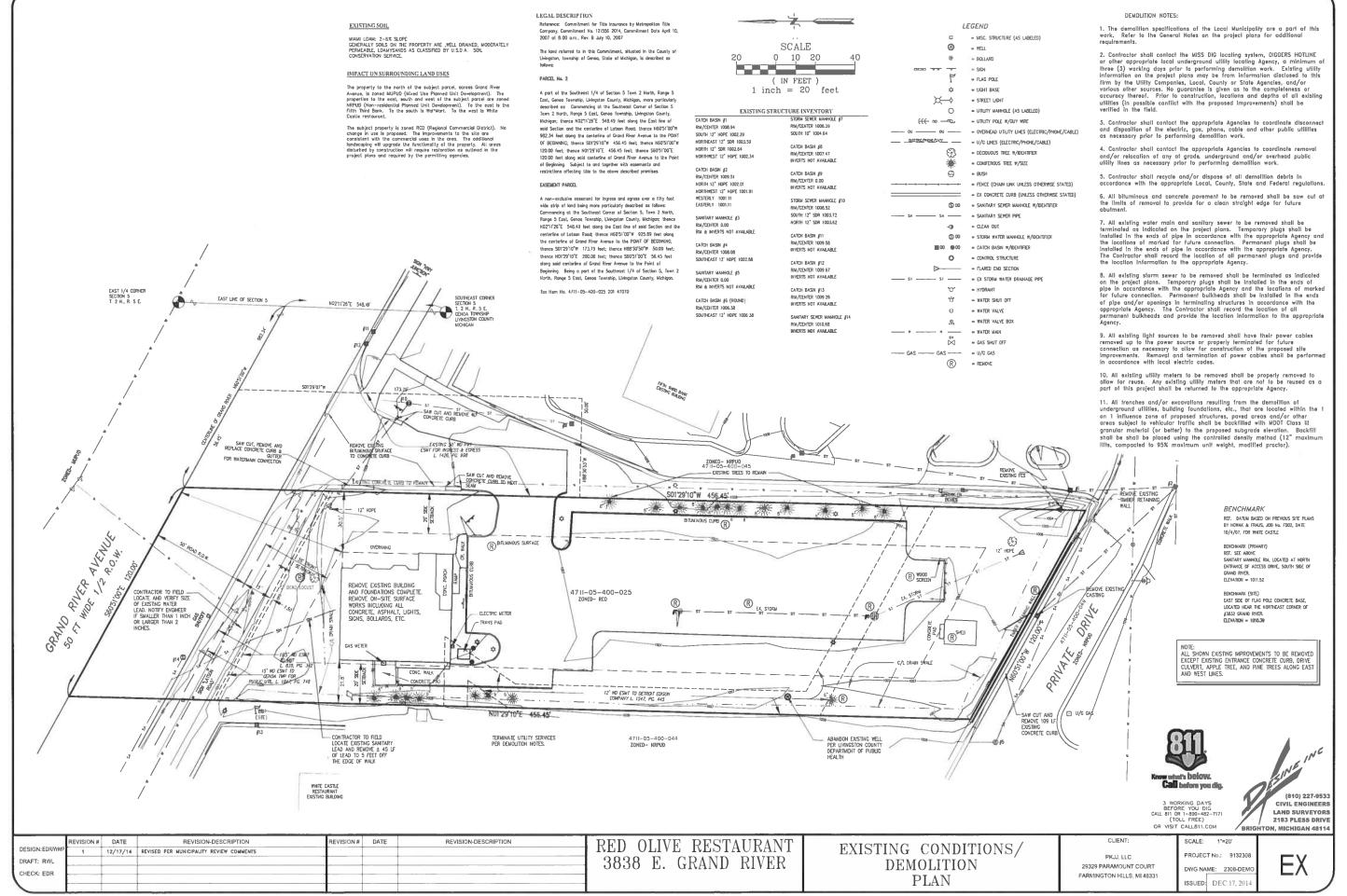
 2183 PLESS DRIVE

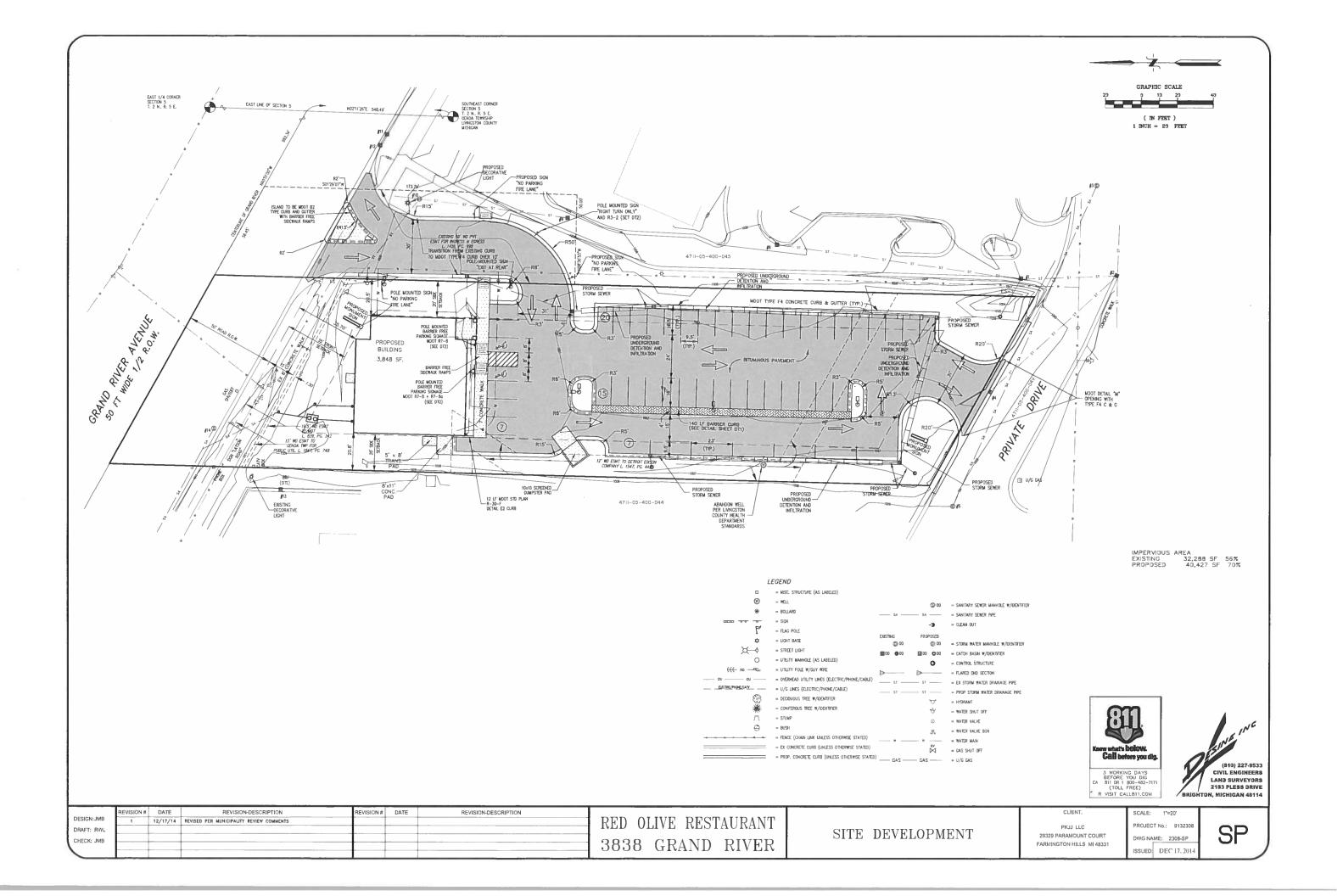
 BRIGHTON, MICHIGAN 48114

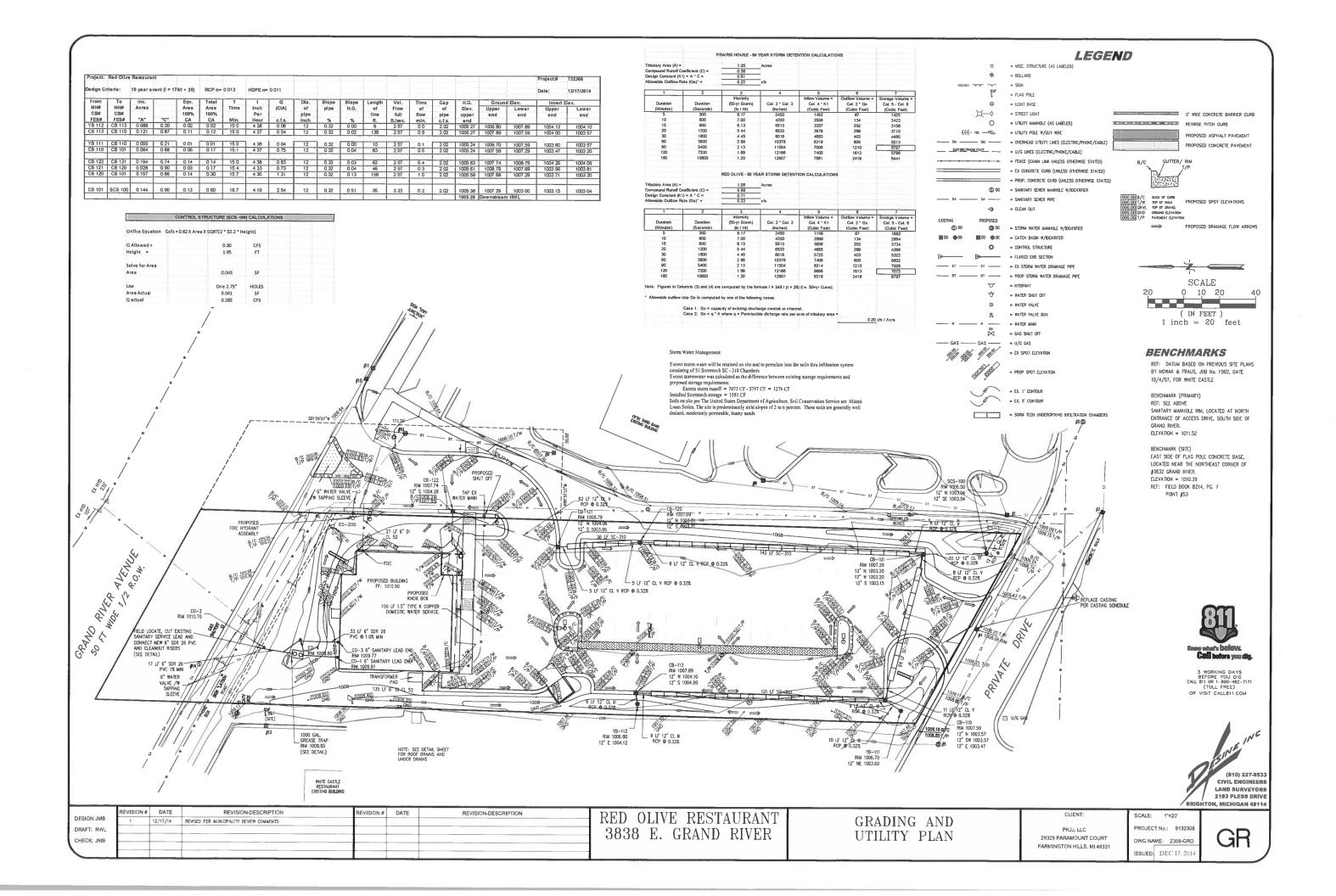
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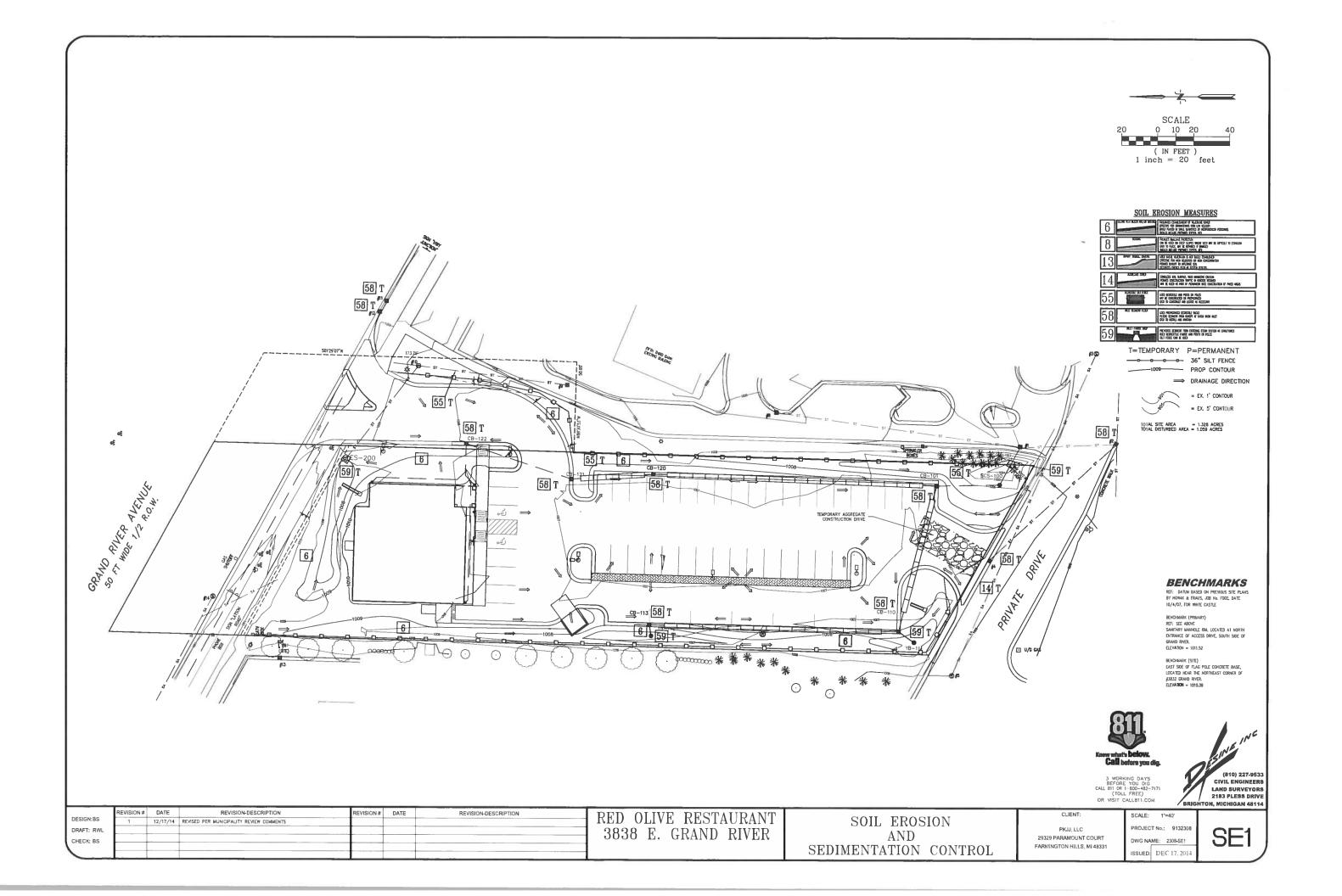
 2014
 BDD/FOT No. 480000

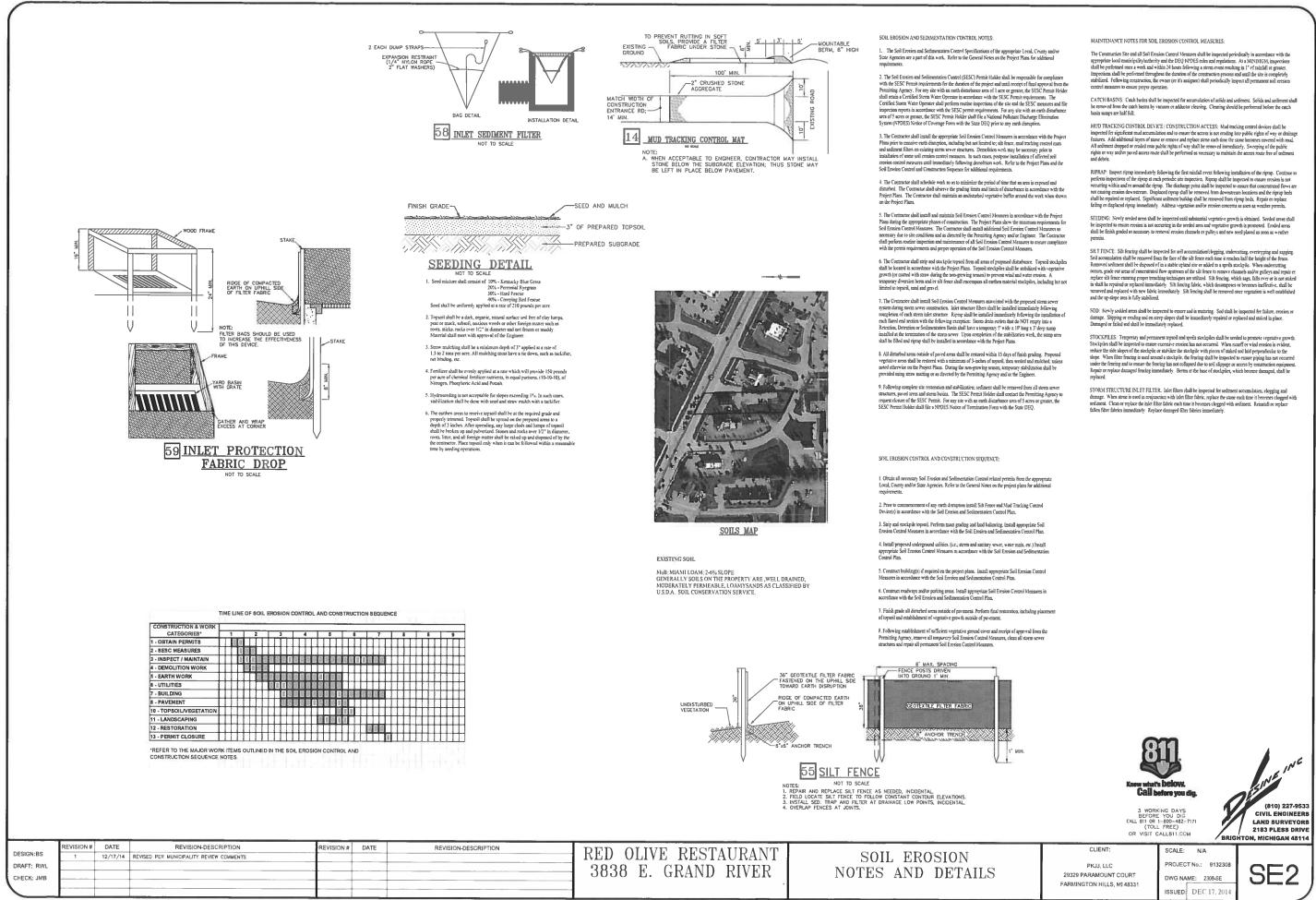
REVISED	SCALE: NO	NE
SEP 18, 2014	PROJECT No.:	420200
DEC 17, 2014	PROJECT NO.:	132308
	DWG NAME:	2308-COV
	PRINT: DEC 1	7, 2014



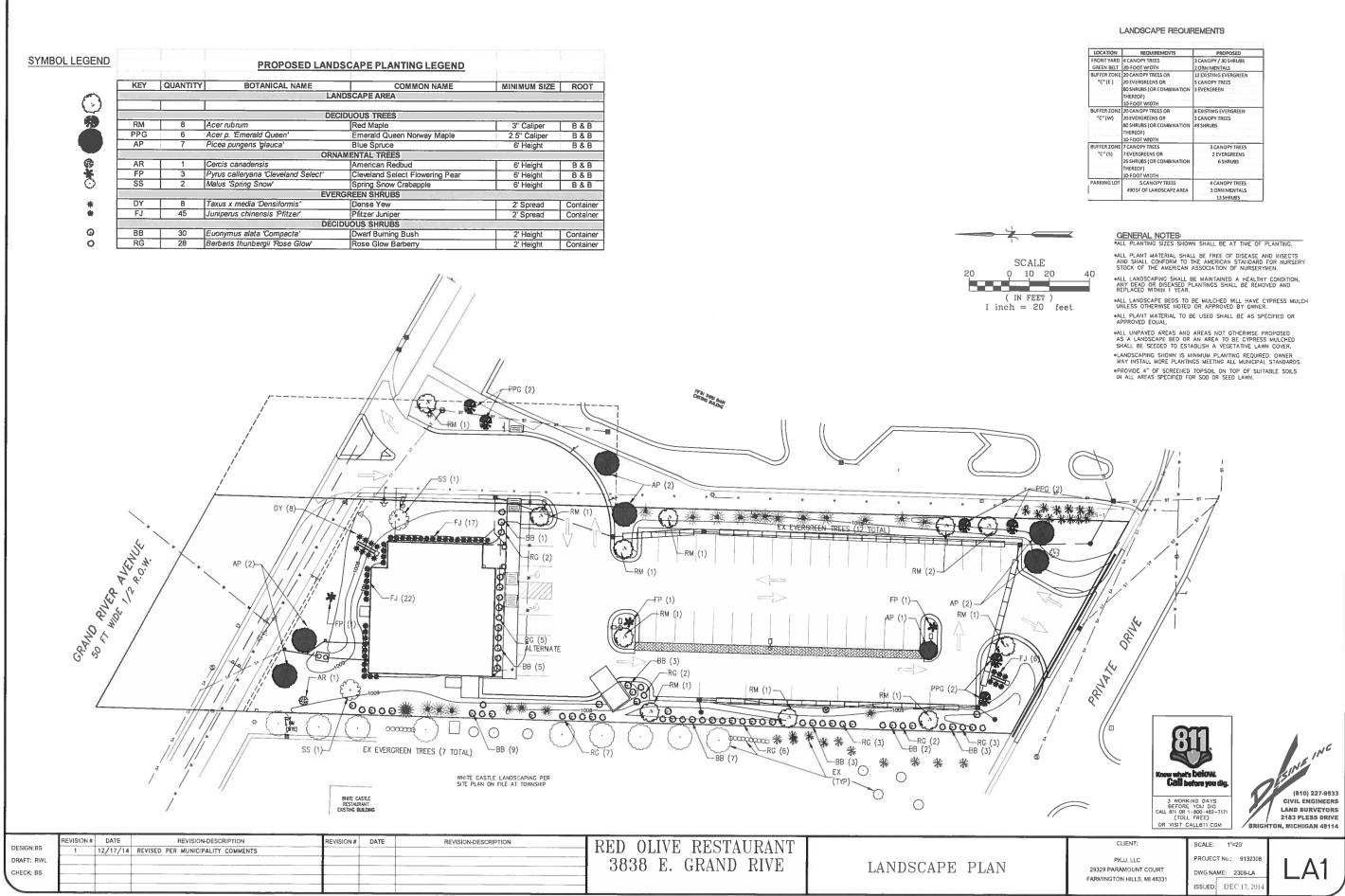












LOCATION	REQUIREMENTS	PROPOSED
FRONT YARD	4 CANOPY TREES	3 CANOPY / 30 SHRUBS
GREEN BELT	20-FOOT WIDTH	2 ORNIMENTALS
BUFFER ZONE	20 CANOPY TREES OR	12 EXISTING EVERGREEN
"C" {E }	20 EVERGREENS OR	5 CANOPY TREES
	80 SHRUBS (OR COMBINATION THEREOF)	3 EVERGREEN
	10-FOOT WIDTH	
BUFFER ZONE	20 CANOPY TREES OR	8 EXISTING EVERGREEN
"C" (W)	20 EVERGREENS OR	3 CANOPY TREES
	80 SHRUBS (OR COMBINATION	49 SHRUBS
	THEREOF)	
	10-FOOT WIDTH	1
BUFFER ZONE	7 CANOPY TREES	3 CANOPY TREES
"C" {5}	7 EVERGREENS OR	2 EVERGREENS
	26 SHRUBS (OR COMBINATION	6 SHRUBS
	THEREOF)	
	10-FOOT WIDTH	
PARKINGLOT	5 CANOPY TREES	4 CANOPY TREES
	490 SF OF LANDSCAPE AREA	3 ORNIMENTALS
		13 SHRUBS

	REVISION #	DATE	REVISION-DESCRIPTION	REVISION #	DATE	REVISION-DESCRIPTION	RED OLIVE RESTAURANT	
DESIGN:BS							TRED ULIVE RESTAURANT	
DRAFT: RWL							3838 E. GRAND RIVER	LANDCCADE
CHECK: BS				_			J SUSO E. GRAND RIVER	LANDSCAPE
							-	NOTES AND DETAILS
	-	-		-				

SHREDDED BARK MULCH 4" DEPTH TYPICAL

SET TOP OF BALL TO CORRESPOND WITH FINISH GRADE

- MOUND TO FORM SAUCER

田

TYPICAL SHRUB PLANTING

NOT TO SCALE

CONTRACTOR TO VERIFY PERCOLATION OF PLANTING PIT PRIOR TO INSTALLATION

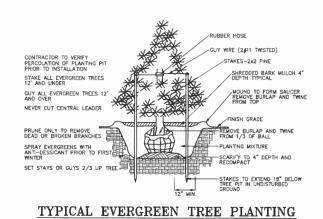
PRUNE ONLY DEAD OR BROKEN BRANCHES REMOVE COLLAR AND PUNCTURE WALL OF FIBER CONTAINER

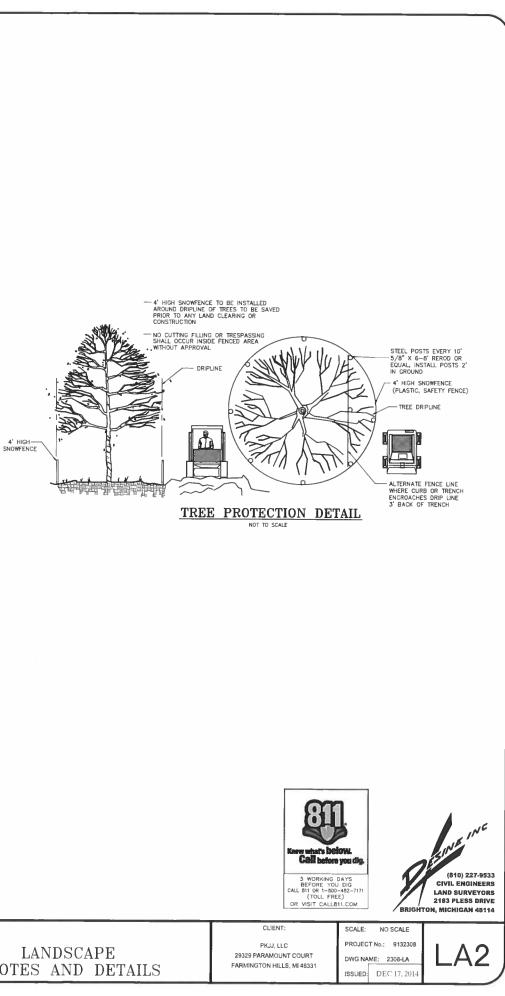
REMOVE ALL METAL CONTAINERS BEFORE PLANTING

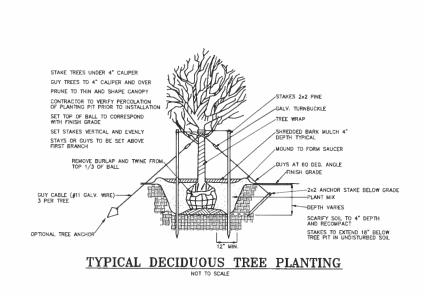
SCARIFY SOIL TO 4" DEPTH AND RECOMPACT

REMOVE BURLAP AND TWINE FROM TOP 1/3 OF BALL

PLANTING MIXTURE



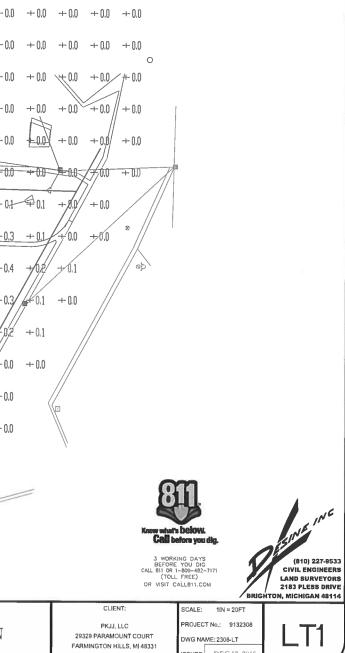




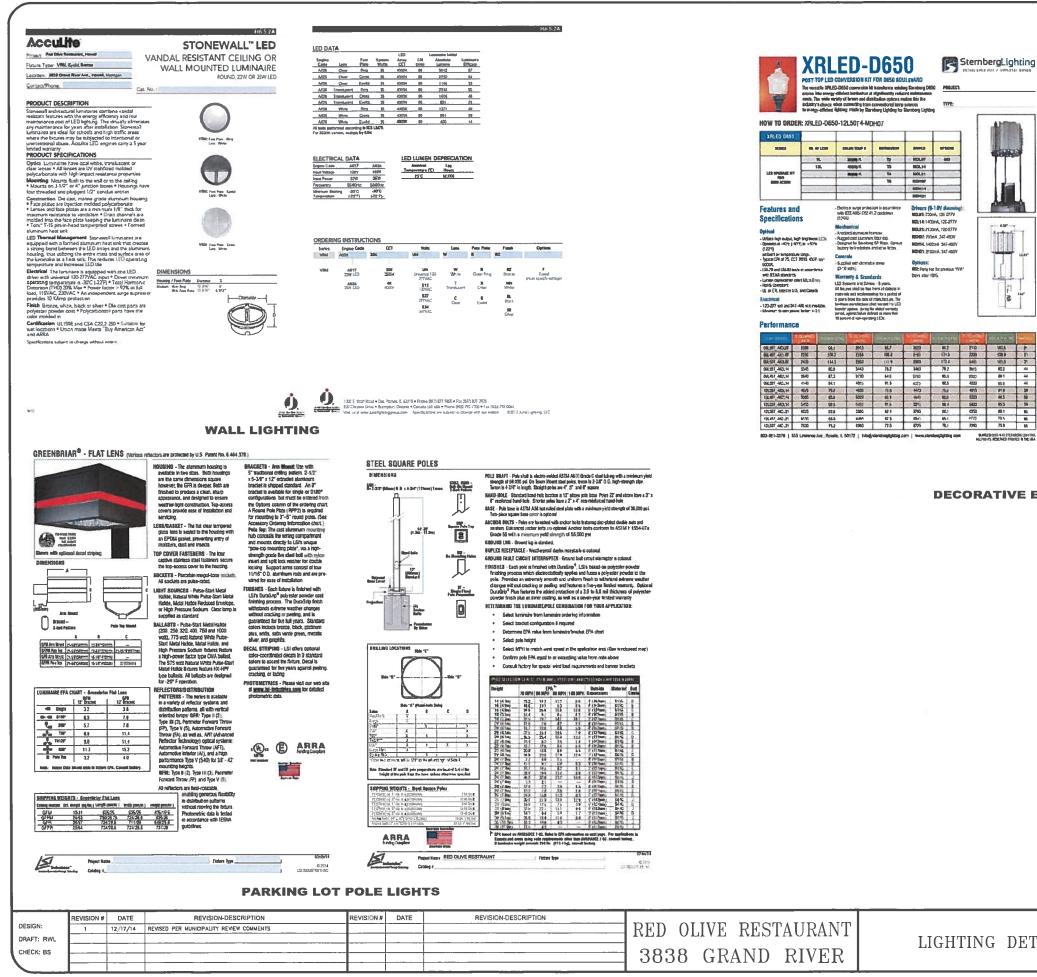
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DRAFT: RWL CHECK: BS			NENDER FER MUNICIPALIT REVIET							LIVE REST GRAND		PHO	OTO ME	ETRIC PI	LAN

LANP	LUMENS	INJUNITING/BALLAST	TLLF	I QTY
(1) 250V BU PSKV	23000	4SQN-SIIG-23 2' Conc base	0.75	4
(1) 250V BU PSHV (1) 250V BU PSHV	23000 23000	4SQN-SIIG-23 2' Conc base	0.75 0.75	1
œ	3500	Vall nounted 10' AF.G.	0.95	16

ILUMS / (ASMS)	VATTS / SQ FT	IQTY
(SA > (4) (SB > (1) (SC > (16)	0.02	1



DWG NAME: 2308-LT ISSUED: DEC 17, 2015



LIGHTING DETAILS

DECORATIVE ENTRANCE LIGHT

REPORT OF STREET, STATES

SternbergLighting

THE R. L.

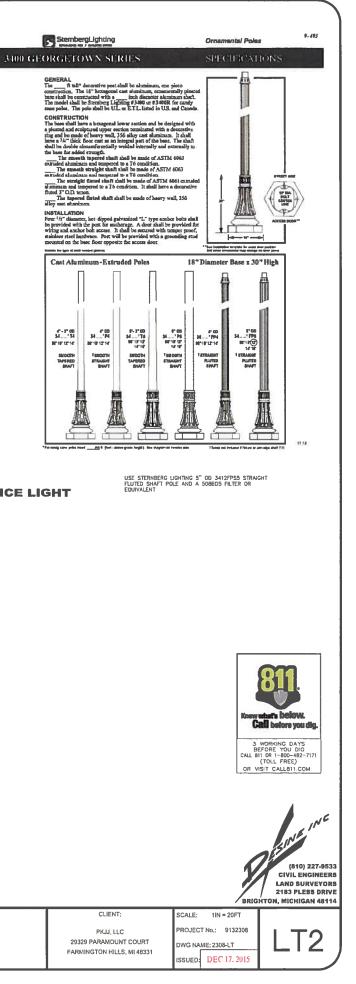
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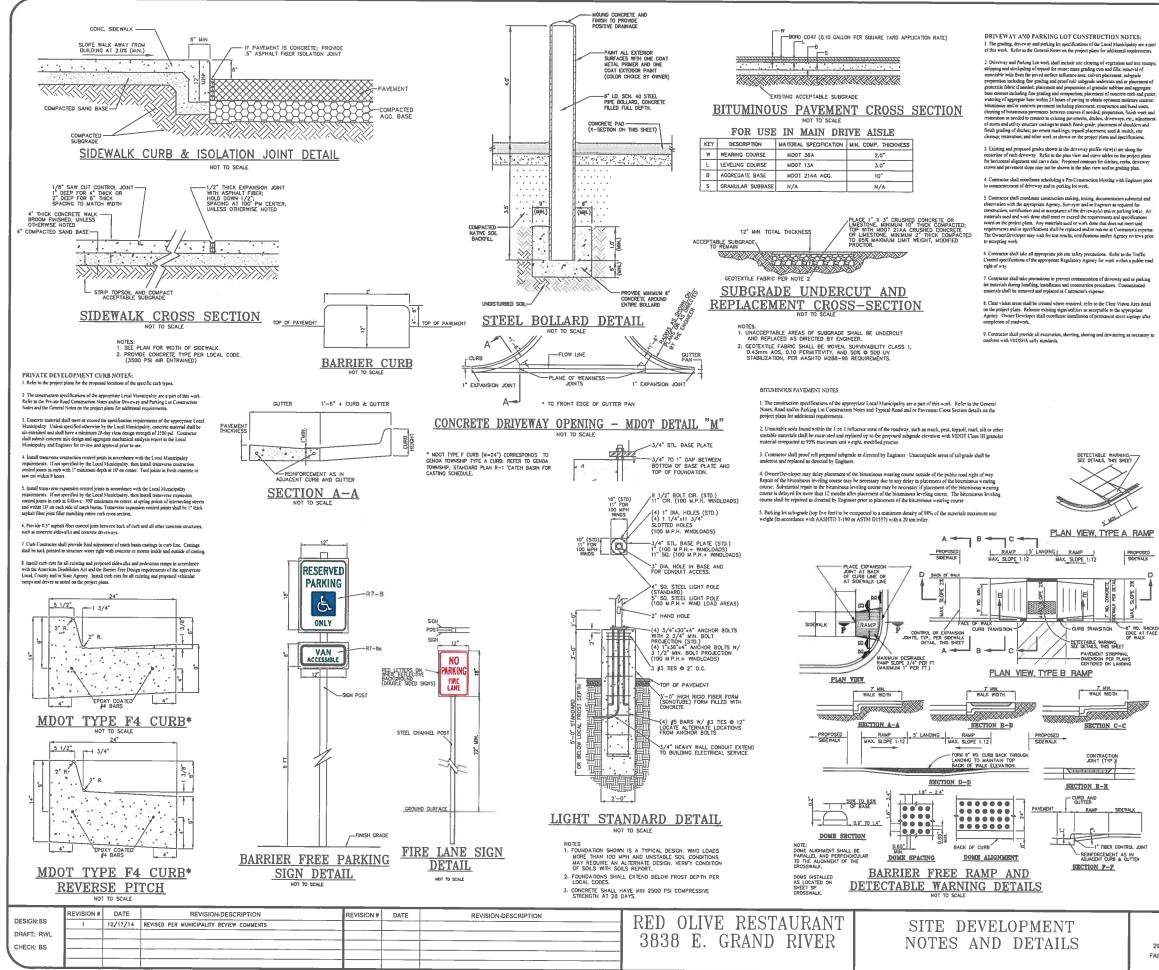
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TYPE

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GENERAL NOTES:

I. Contractor shall perform the work in accordance with the requirements of the appropriate Local, County and State Agencies and all other Government and Regulatory Agencies with juristicion over the project. Contractor shall notify the appropriate Agencies in advance of each stage of work in accordance with each Agency's requirements

2. Contractor shall comply with all permit, insurance, licensing and inspection requirements associated with the work. Prior to construction, Contractor and OwnerDeveloper shall determine who is responsible for obtaining each required permit. Contractor shall error fy that the each required permit has been obtained prior to commencement of the stage of work associated with the required permit(s).

3. Contractor shall furnish liability insurance and property damage insurance to save harmless the Owner, Developer, Architect, Engineer, Surveyor and Government Agencies for any accident accounting the construction period. Refer to the appropriate Local, County and State Agencies for additional requirements. Copies of finanzane certifications shall be made available to the OwnerDeveloper.

4. Contractor shall conduct and perform work in a safe and competent manner. Constructor shall perform all necessary measures to provide for traffic and pedestrian safety from the start of work and through substantial completion. Contractor shall determine procedures and provide safety equipment such as traffic controls, warning devices, temportry averagent matching and and gings as needed. Contractor shall comply with the safety standards of the State Department of Heath and safety regulatores of the appropriate Local, Comty, State and Federal Agencies. Refer to the safety specifications of the appropriate Regulatory Agencies. The Contractor shall designate a qualified employee with the safety preclamation and the appropriate Regulatory Agencies. The Contractor shall designate a qualified employee shall be on site at all times during the work.

5. Contractor shall coordinate scheduling of all work in the proyer sequence, including work by Subcontractors. Additional costs due to improper planning by Contractor on work done out of sequence as determined by standard acceptable construction practices, shall be Contractor's responsibility.

b. Contractor shall contact the MISS DIG locating system, DIGGERS HOTLINE or other appropriate local undergroand utility locating Agency, a minimum of three (1) working days prior to construction. Existing utility information or the project plants may be from information diskode that in this firm by the Utility Comparise, Local, Constry or State Agencies, and/or various other sources. No parameter is given as to the completeness or accuracy dwncef. (Foir to construction, locations and depths of all existing utilities (a possible conflict with the proposed improvements) shall be verified in the field.

7. Contractor shall coordinate scheduling a Pre-Construction Meeting with Engineer prior to commen

8. The Local Municipality, County and/or State in which the project is located may require an Engineer's Critification of construction of the proposed tite improvements. Contractor shall evolving the certification requirements with Engineer yiet to communecement of work. Contractor shall evolvinate construction staking, lesting, documentation submittal and observation with the appropriate Agency. Starvoy or and/or Engineer's Certification and Government Agency Acceptance. All materials used and work done shall meet or acceptance the requirements of certification and acceptance, the contract documents and when the appropriate project plans. Any materials used and work done shall meet or acceptance the contract documents and the material specifications to the project plans. Any materials used or work done that does not meet aid requirements contract documents. meet said requirements, contract documents and or specifications shall be replaced and/or redone at Contractor's expense. The Owner/Developer may wait for test results, certifications and/or Agency reviews prior to accepting work.

9. Engineer may provide subsurface soil evaluation results, if available, to Contractor upon request 5 traject interpretent and product and is trained in standard trained to the domain of the domain Orang pandrai mariai un nices or exercis un material specifications noted on the project pa-used as structural fill, pipe beckfill and or rood subbase material. On-site granular is shall be stockpiled and tested as acceptable to the appropriate Agency and/or Engineer prior to us

10. During the performance of their work, Contractor shall be aslely responsible for determining soil conditions and appropriate construction methods based on the actual field conditions. Contractor shall familia, install and maintain shering, shoring, braining and/or tother tools and equipment and/or construction techniques as needed for the safety and protection of the workers, pedestrians and vehicular traffic and for protection of adjacent structures and site improvements.

Contractor shall install temporary and permanent soil erosion and sedimentation control devices at the appropriate stages of construction in accordance with the appropriate regulatory Agencies. Refer to Soil Erosion and Sedimentation Control Plans and Notes on the project plant.

12. Structural fill shall be placed as specified on the project plans and within the 1 on 1 influence zone of all structures, poved areas and other areas subject to vehicular maffie. Structural fill shall be placed using the controlled density method (122 maximum lifts, compacted to 95% maximum unit weight, modified proctor). Fill material shall neet or exceed the specifications noted on the project plans or a directed by Engineer when not specified on the project plans.

13. All existing menuments, property corners, ground control and benchmarks shall be protected and preserved; and if disturbed by Contractor, shall be restored at Contractor's expense. Contractor shall notify Surveyor of any conflicts between existing monuments, property corners, ground control and or benchmarks and the proposed site improvements,

14. Contractor shall notify Owner/Developer and Engineer immediately upon encountering any field conditions. which are inconsistent with the project plans and or specifications.

15. When noted on the project plans for demolition and/or removal. Contractor shall remove existing structures, building and debris and recycle and/or dispose of in accordance with Local, County, State and Federal regulations.

16. Contractor shall remove excess construction materials and debris from site and perform restoration in accordance with the project plans and specifications. Disposing of excess materials and debris shall be performed in accordance with Local, County, State and Federal regulations.

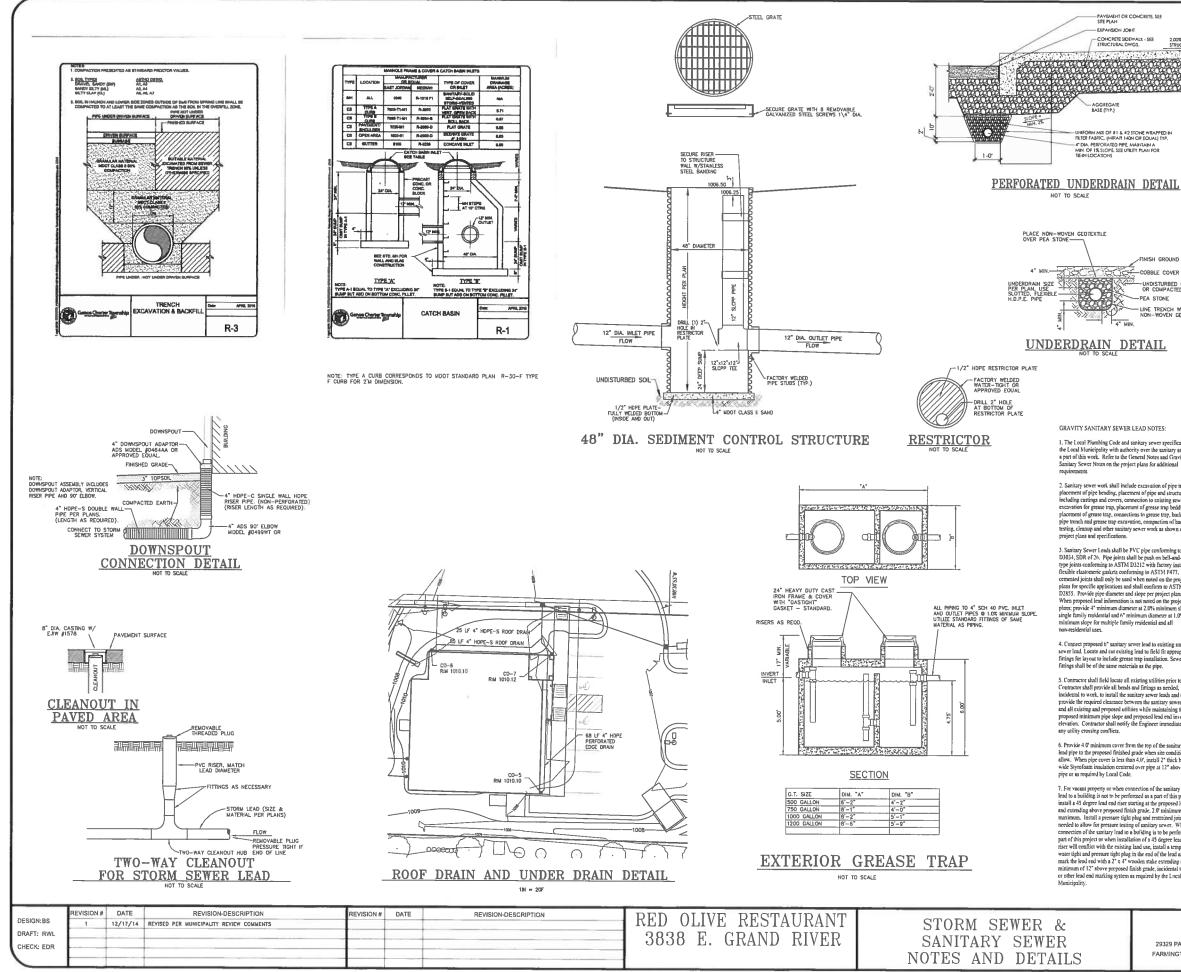
17. Construction access to the site shall be located as acceptable to the Owner/Developer and in the appropriate Local, County and or State Agency with jurisdiction over the road(s) providing access to the site. Construction access that the amprint and and come to access with a providence with the arcset access that the ampropriate to access the site. Construction access shall be maintained and cleaned in accordance with the appropriate Local, County and or State Agencies and as directed by Owner/Developer and or Engineer.

18. Contractor shall take necessary precautions to protect all site improvements from heavy equipment and construction procedures. Damage resulting from Contractor actions shall be repaired at Contractor's expense



NEINE (810) 227-9533 CIVIL ENGINEER LAND SURVEYORS 2183 PLESS DRIV DN, MICHIGAN 4811

CLIENT SCALE: N/A PROJECT No.: 9132308 PKJJ.LLC DT 29329 PARAMOUNT COURT DWG NAME: 2330-DETAILS FARMINGTON HILLS, MI 48331 ISSUED: DEC 17, 20



PAVEMENT OR CONCRETE, SEE SITE PLAN

PANSION JOIN

-CONCRETE SIDEWALK - SEE STRUCTURAL DWGS. 2.00% SLOPE - SE

UNFORM MIX OF #1 & #2 STONE WRAPPED IN FETER FARESC, IMPRAELIADIN OR FOLIALI TYP 4" DIA. PERFORATED PIPE, MARITAIN A MIN. OF 1% SLOPE. SEE UTILITY PLAN FOR DE-INI COCATION:

NISH GROUND -COBBLE COVER (2" MIN.) 200 -UNDISTURBED GROUND OR COMPACTED FILL -PEA STONE LINE TRENCH WITH NON-WOVEN GEOTEXTILE

GRAVITY SANITARY SEWER LEAD NOTES:

1. The Local Plumbing Code and sanitary sewer specifications of the Local Municipality with authority over the sanitary sewer are a part of this work. Refer to the General Notes and Gravity Sanitary Sewer Notes on the project plans for additional

2. Sanitary sewer work shall include excavation of pipe trench. 2. Sanitary sever work shall include excavation of pipe trench, placement of pipe bending, placement of pipe and survultures including eastings and covers, connection to existing sever, excavation for grease trap, placement of grease trap bedding, placement of grease trap, placement of grease trap, back. fill of pipe trench and grease trap, execution, compaction of back fill, testing, cleanap and other statistry sever work as shown on the project plans and specifications.

3. Sanitary Sever Leads shall be PVC pipe conforming to ASTM D3043, SDR of 2n, Pipe joints shall be pash on bell-and-apgicat type joints conforming to ASTM D3212 with factory installed flexable elastomeric gaskets conforming to ASTM PAT', Solvent cemented joints shall only be used when noted on the project joints for specific applications and shall conform to ASTM D2035. Provide pipe diameter and slope per project plans. When moreoed lend information is not aude of the project When proposed lead information is not noted on the project plans; provide 4" minimum diameter at 2.0% minimum slope for single family residential and 6" minimum diameter at 1.0% minimum slope for multiple family residential and all

4. Connect proposed 6" sanitary sewer lead to existing sanitary sever lead. Locate and cut existing lead to field fit appropriate fittings for layout to include grease trap installation. Sewer lead fittings shall be of the same materials as the pipe.

5. Contractor shall field locate all existing utilities prior to work. 5. Contractor shall field locate all existing utilities prior to work. Contractor shall provide all bends and fittings as acceled, incidental to work, to install the saniary server leads and to provide the required clearance between the saniary server leads and all existing and proposed utilities while maintaining the proposed minimum pips slope and proposed lead call in cet elevation. Contractor shall notify the Engineer immediately of any utility crossing conflicts.

6. Provide 4.07 minimum cover from the top of the sanitary sever lead pipe to the proposed finished grade when site conditions allow. When pipe cover is less than 4.07, install 2* thick by 24* wide SytroBoam instalation centered over pipe at 12* above top of pipe or as required by Local Code.

7. For vacant property or when connection of the sanilary sewer lead to a building is not the performed as a part of this project, imital 1.43 digree lead end sires stating at the groposed lead end and extending above proposed finish grade. 2.0 minimum. 4.0 maximum. Install a pressure high plug and restanized joints as needed to allow for pressure itsing of samistry sever. When connection of the samitary lead to a building is to be performed as and of this project or when installation of a 3.5 degree lead end riser will conflict with the existing land use, install a temporary, water tight and restaure in the end of the dia and water tight and pressure tight plug in the end of the lead and mark the lead end with a 2" x 4" wooden stake extending a minimum of 12" shove preposed finish grade, insidental to work, or other lead end marking system as required by the Local STORM SEWER NOTES

The storm sewer and stormwater management specifications of the Local Municipality are a part of this work. Refer to the General Notes on the project plans for additional

2. Storm sewer work shall include clearing of vegetation and tree stumps, stripping and stockpilling of topsoli for russe, excavation of pripe tranch, placement of pipe bedding, becoment of pipe and structures, studened prior structures, adjustment of a clearing to nature drainage to structures, adjustment of activity. If mish gradie, topsoli placement, steel & much, steel clearing to nature structures, adjustment of actinity to mark and the more transfer structures, adjustment of actinity to mark and the more transfer structures, adjustment of actinity to mark as shown on the more transfer and more inclusion.

3. Existing and proposed grades shown in profile view, when provided on the project plans, may be in relation to the centerline of road or item other than the centerline of pipe. The pipe lengths and grades shown in profile view on the project plans may not be to scale.

4. RCP when shown on the project plaza shall be reinforced concrete pipe and shall conform to the specifications for reinforced concrete pipe per ASTM CF6. RCP pipe joints shall be bell-and-spiped with nubber gatherts conforming to ASTM 433. Joints of pipe having a diameter of 30 lackets or preservable shall be able-and-spiped with nubber of preservable shall be able-and-spiped shall be able-and-spiped shall be able-and-spiped with nubber of preservable shall be able-and-spiped shall be a

- 10.1 to 18 feet Class IV
- 18.1 feet and greater Class V * Use Class IV under proved surfaces

5. CMP when shown on the project plans shall be corrugated metal pipe and shall conform to the specifications for corrugated metal pipe per AASHTO Designation M36. CMP shall be 16-guage steel minimum for 21 mich diameter or smaller and 14-guage tele minimum (or praine) instell diameter of prained meter end sections and connaction bands, incidental to work. Connection bands for CMP pipe joints located under paved surfaces shall be gasketed couplers. Saw cut pipes to length as needed.

b. HDPE - Type S when shown on the project plans shall be high density polyethylere pipe with a samooth interior and shall conform to the specifications for high density polyethylere pipe per AASITO Designation M253 YPE S for pipes of 12 to 0 to diameter and per AASITO Designation M254 Ypre S for pipes of 12 to 0 for diameter and per AASITO Designation M254 Ypre S for pipes of 12 to 0 for diameter and per AASITO Designation M254 Ypre S for pipes of 12 to 0 for diameter and per AASITO Designation M254 Ypre S for pipes of 12 to 0 for diameter and per AASITO Designation M254 Ypre S for pipes of 12 to 0 for diameter. JDPE - Type S to pipe initis tall be believed by the share of MDPE - Type S pipe, Install high density polychylene end sections incidental to work. Saw cut pipes to length as needd.

7. HDPE - Type C when shown on the project plans shall be high density polyethylene pipe with a corrugated interior and shall conform to the specifications for high density polyethylene pipe per AASIITO Designation AU25 for pipes of 3' to 10' diameter and per AASIITO Designation AU24 for pipes of 12' to 60' diameter. HDPE - Type C pipe joints shall be bell-and-signet type conforming to ASTM D212 with gaskets conforming to ASTM F47T. Furth Deckful at spring the of HDPE - Type C pipe. Install high density polyethylene end sections incidental to work. Saw cut pipes to length as recorded

8. CPVC when shown on the project plans shall be convigated polyvinyl chloride pipe and shall conform to the specifications for corrugated polyvinyl theirade pipe per ASTM F794 and F749. (PVC Fipe joints shall be beli-and-arjust type conforming to ASTM D212 with pastest conforming to ASTM F477. Tamp backfull at specific of CPVC pipe. Install high density polyethylene end sections incidental to work. Saw cut pipes to work to sensiti. length as needed

9. PVC when shown on the project plans shall be polyvinyl chloride pipe and shall conform to the specifications for polyvinyl chloride pipe per ASTM D2751, maximum SDR of 26. PVC pipe joints shall be bell-and-spipet hype conforming to ASTM D2725 with stated bedlevel pre-onforming to ASTM D2754. Tamp backfill at spring line of PVC pipe. Saw cut pipes to length as needed.

10. Concrete strem structures shall be pre-cast and shall conform to the specification of pre-cast concrete structures per ASTM (478. Brick, concrete block or cast in place storm structures may be substituted for pre-cast storm structures ONLY when acceptable to Owner, Engineer AND Musicipality; refer to MDOT standard plan R-1-D. Pipe openings in pre-cast structures shall be factory istatiled. All temporary openings in some studies with the material watering through tenerest more shall be taken to structure shall be factory istatiled. All temporary openings in structures shall be takened watering through tenerest morar Refer to MDOT standard plan R-2-D for storm structure details when pipe exceeds 42 inch diameter.

11 Tap existing structures as acceptable to the Engineer and Municipality, incidental to work. All temporary openings in storm structures shall be tuck-pointed watertight with cement mortar

12. Backfill all storm sever in accordance with the Pipe Trench details provided on the project plans. Provide pipe bedding that meets or exceeds both the specifications of the Pipe Trench details on the project plans and the recommendation of the pipe former in the plane. facturer, incidental to work

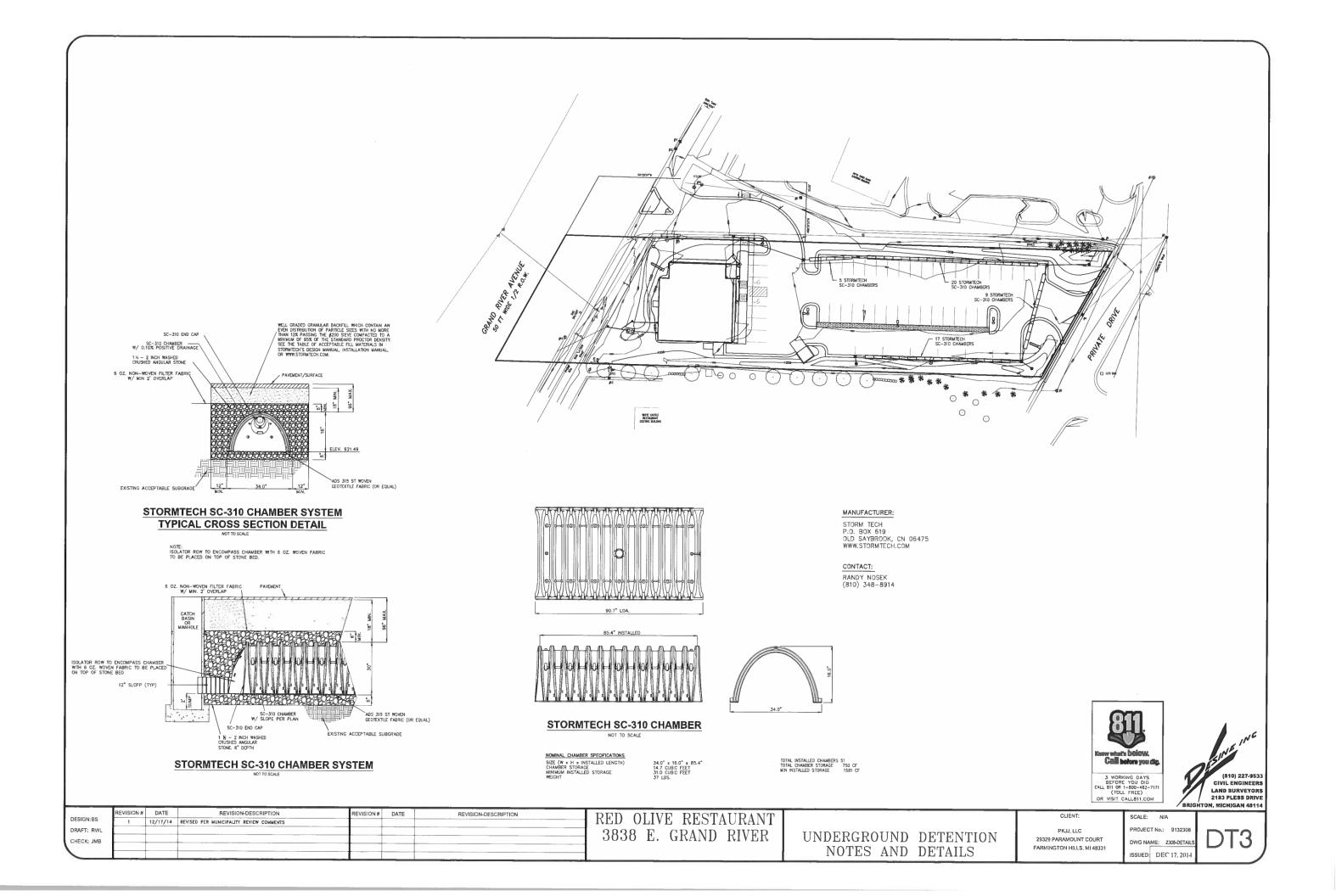
13. When edge drains, under drains and or finger drains are shown on the project plans, connection to storm structures is incidental to work. During torm server construction, install first IO literate feet of olg drain and/or under drain from the storms structures in each specified direction and install temporary cap at end. Complete installation of edge drain following preparation of the subgrade when under pavel surface of following finals grade when out used pravel facte.

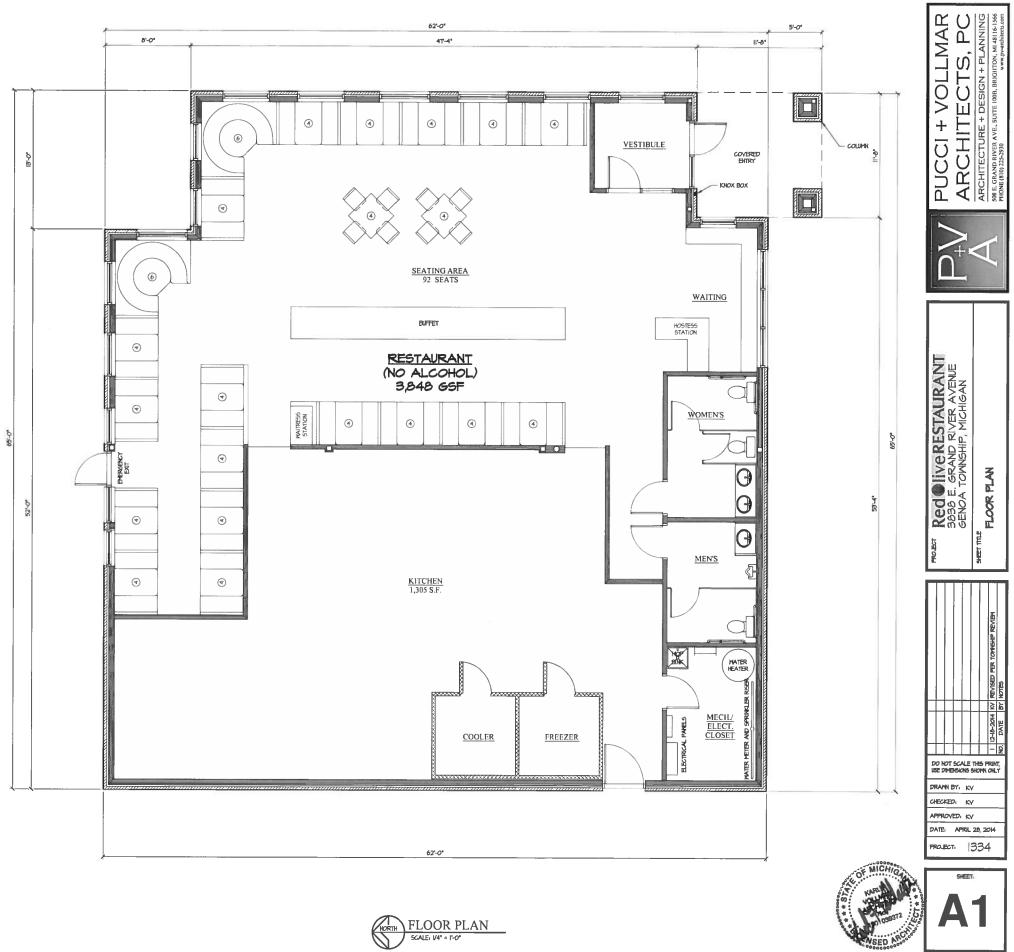
|4. Install removable plugs in storm sever stubs as acceptable to Engineer and Municipality, incidental to work. Mark the end of all storm sever stubs with a 2° x 4° wooden stake extending a minimum of 12° above finish grade, incidental to work.

15. Storm structure castings shall be coated with water based asphaltic paint by the manufacturer. Seams and temporary openings between storm structures and castings shall be tuck-pointed water tight with cement monar. Coordinate correct curb box/ heod / "T" back as needed to match curb profile. See casting schedule on project plans for additional requirements



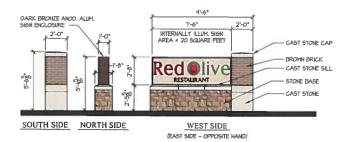
PKJJ, LLC DT2 29329 PARAMOUNT COURT DWG NAME: 2308-DETAIL FARMINGTON HILLS, MI 48331 ISSUED: DEC 17. 201-



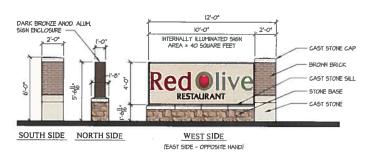






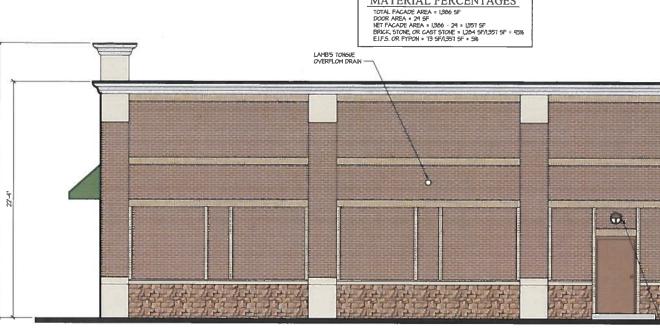


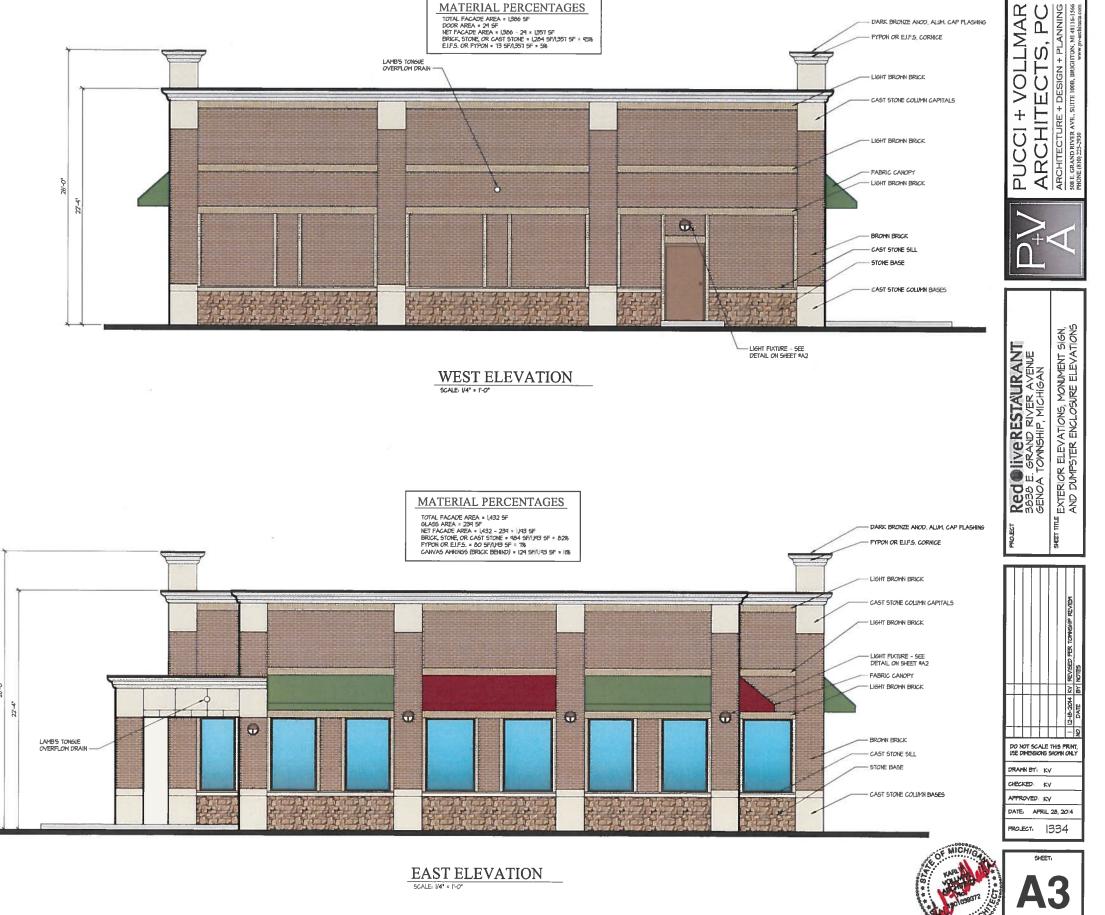
SOUTH MONUMENT SIGN ELEVATIONS

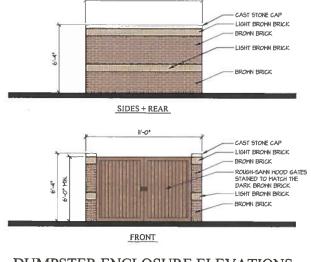


NORTH MONUMENT SIGN ELEVATIONS

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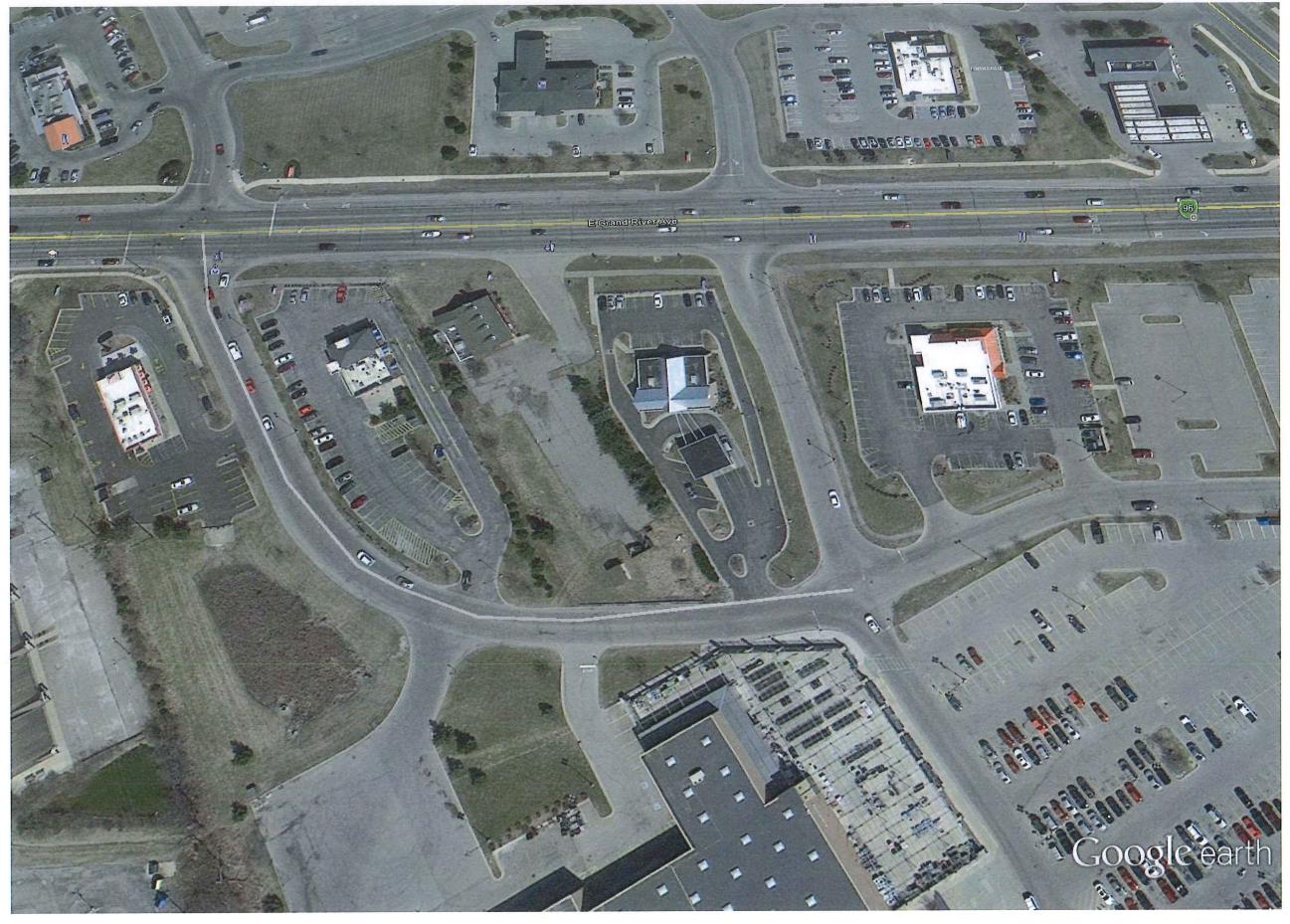






11'-0*

DUMPSTER ENCLOSURE ELEVATIONS SCALE: 1/4" = 1-0" (REFER TO CIVIL DRAMINGS FOR CONSTRUCTION DETAILS



Google earth meters



Google earth



Google earth

1000 300





Design/Build

General Contracting

Construction Management

7258 Kensington Road Brighton, MI 48116 Phone: 248-446-8000 Fax: 248-446-1800 www.brivar.com

January 5, 2015

Genoa Charter Township Community Planning Dept. ATTN: Kathryn Poppy 2911 Dorr Road Brighton, MI 48116

RE: Battery Solutions Site Plan Approval - Table

Dear Kathryn,

Per your request, please let this serve as our formal request to table the Battery Solutions site plan item until the February 9, 2015 meeting. If you have further questions or concerns please do not hesitate to contact us.

Respectfully,

Craig Stockard President



GENOA CHARTER TOWNSHIP

Application for Site Plan Review

GENOA TOWNSHIP DEC 0 1 2014

TO THE GENOA TOWNSHIP PLANNING COMMISSION AND TOWNSHIP BOARD:

APPLICANT NAME & ADDRESS: BRIVAR Construction Company 7258 Kensington Rd. Brighton, MI 48116 If applicant is not the owner, a letter of Authorization from Property Owner is needed.

OWNER'S NAME & ADDRESS: Sova Leasing Brighton, LLC- 7260 Driftwood Drive Fenton, MI 48430

SITE ADDRESS: Parcels 5 & 6 Brighton Pines Industrial Park PARCEL #(s): 5 & 6 //- /5-200-031



APPLICANT PHONE: 248- 446-8000 OWNER PHONE: (800- 852-8127

OWNER EMAIL: _

LOCATION AND BRIEF DESCRIPTION OF SITE: ___

Located at existing facility at 5900 Brighton Pines Ct. in the

Brighton Pines Industrial Center

BRIEF STATEMENT OF PROPOSED USE:

Sorting, warehousing and distributing of used batteries and

related office use

THE FOLLOWING BUILDINGS ARE PROPOSED:

A 22,600 square foot addition to the existing building for office

and warehouse use

I HEREBY CERTIFY THAT ALL INFORMATION AND DATA ATTACHED TO AND MADE PART OF THIS APPLICATION IS TRUE AND ACCURATE TO THE BEST OF MY **KNOWLEDGE AND BELIEF.**

BY: Craig Stockard, President

ADDRESS: BRIVAR Construction Company- 7258 Kensington Rd. Brighton, MI 48116

Contact Information - Review Letters and Correspondence shall be forwarded to the following:

1.) Craig Stockard

Name

of BRIVAR Construction Company at craig@brivar.com Business Affiliation E-mail Address

FEE EXCEEDA	NCE AGREEMENT
As stated on the site plan review fee schedule, all site one (1) Planning Commission meeting. If additional will be required to pay the actual incurred costs for the fee payment will be required concurrent with submit applicant indicates agreement and full understanding SIGNATURE: PRINT NAME Craig Stockard	reviews or meetings are necessary, the applicant he additional reviews. If applicable, additional review
ADDRESS 7258 Kensington Rd. Brighton, N	11 48116



This application **must** be accompanied by a site plan review application and the associated submittal requirements. (The Zoning Official may allow a less detailed sketch plan for a change in use.)

APPLICANT NAME & ADDRESS: BRIVAR Construction Company - 7258 Kensington Rd. Brighton, MI 48116 Submit a letter of Authorization from Property Owner if application is signed by Acting Agent.

APPLICANT PHONE: (248) 446-8000	EMAIL: craig@brivar.com
ATTN: Craig Stockard	
OWNER NAME & ADDRESS: Sova Leasing Brighton, LLC -	7260 Driftwood Drive Fenton, MI 48430
SITE ADDRESS: Parcels 5 & 6 Brighton Pines Industrial Park	PARCEL #(s): <u>5 & 6</u>
OWNER PHONE: (800) 852-8127	EMAIL:
ATTN: Chris Sova	
Location and brief description of site and surroundings:	
5900 Brighton Pines Ct located in the Brighton Pines Industrial Center	· · · · · · · · · · · · · · · · · · ·
Surrounded by industrially zoned property on the northeast, souther	ast and northwest and by I-96 on the southwest.

Proposed Use:

Sorting, warehouse and distributing of used batteries and related office use.

Describe how your request meets the Zoning Ordinance General Review Standards (section 19.03):

a. Describe how the use will be compatible and in accordance with the goals, objectives, and policies of the Genoa Township Comprehensive Plan and subarea plans, and will promote the Statement of Purpose of the zoning district in which the use is proposed.

The proposed use is exactly in keeping with permitted uses within the Industrial District.

b. Describe how the use will be designed, constructed, operated, and maintained to be compatible with, and not significantly alter, the existing or intended character of the general vicinity.

The site is designed with ample on-site parking and truck maneuvering. The building is designed to maintain the high aesthetics of the park. All operations will be contained within the building.

c. How will the use be served adequately by essential public facilities and services such as highways, streets, police and fire protection, drainage structures, water and sewage facilities, refuse disposal and schools?

There will be no negative impact or special requirements of public facilities and services.

d. Will the use involve any uses, activities, processes, or materials potentially detrimental to the natural environment, public health, safety, or welfare by reason of excessive production of traffic, noise, vibration, smoke, fumes, odors, glare, or other such nuisance? If so, how will the impacts be mitigated?

Used batteries are stored in UL approved drums, pails or packaged on pallets, warehoused for short periods of time to consolidate shipping loads, then shipped off-site for recycling. All sorting, storage, loading and unloading is contained within the building.

e. Does the use have specific criteria as listed in the Zoning Ordinance (sections 3.03.02, 7.02.02, & 8.02.02)? If so, describe how the criteria are met.

None known.

I HEREBY CERTIFY THAT ALL INFORMATION AND DATA ATTACHED TO AND MADE PART OF THIS APPLICATION ARE TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I AGREE TO DESIGN, CONSTRUCT AND OPERATE, AND MAINTAIN THESE PREMISES AND THE BUILDINGS, STRUCTURES, AND FACILITIES WHICH ARE GOVERNED BY THIS PERMIT IN ACCORDANCE WITH THE STATED REQUIREMENTS OF THE GENOA TOWNSHIP ZONING ORDINANCE, AND SUCH ADDITIONAL LIMITS AND SAFEGUARDS AS MAY BE MADE A PART OF THIS PERMIT.

THE UNDERSIGNED Craig Stockard, Acting Agent, STATES THAT THEY ARE THE FREE OWNER OF THE PROPERTY OF PROPERTIES DESCRIBED ABOVE AND MAKES APPLICATION FOR THIS SPECIAL LAND USE PERMIT.

BY: Craig Stockard, President

ADDRESS: BRIVAR Construction Company- 7258 Kensington Rd. Brighton, MI 48116

Contact Information - Review Letters and Correspondence shall be forwarded to the following:

 Craig Stockard, President
 of BRIVAR Construction Company
 at craig@brivar.com

 Name
 Business Affiliation
 Email

FEE EXCEEDANCE AGREEMENT
As stated on the site plan review fee schedule, all site plans are allocated two (2) consultant reviews and one 1) Planning Commission meeting. If additional reviews or meetings are necessary, the applicant will be required to pay the actual incurred costs for the additional reviews. If applicable, additional review fee payment will be required concurrent with submittal to the Township Board. By signing below, applicant ndicates agreement and full understanding of this policy.
SIGNATURE:DATE:
PRINT NAME: Craig Stockard PHONE: (248) 446-8000

GENOA CHARTER TOWNSHIP PLANNING COMMISSION PUBLIC HEARING DECEMBER 8, 2014 6:30 P.M. MINUTES

<u>CALL TO ORDER</u>: The meeting of the Genoa Township Planning Commission was called to order at 6:30 p.m. Present were James Mortensen, Barbara Figurski, Chairman Doug Brown, Eric Rauch, Chris Grajek. Absent was John McManus. Also present were Kelly VanMarter, Township Community Development Director and Assistant Township Manager; Brian Borden of LSL.

PLEDGE OF ALLEGIANCE: The Pledge of Allegiance was recited.

<u>APPROVAL OF AGENDA:</u> Ms. Figurski moved to approve the agenda. The motion was supported by Ms. Lowe. Motion carried unanimously.

CALL TO THE PUBLIC: A call to the public was made with no response.

OPEN PUBLIC HEARING #1... Review of a sketch plan for a proposed 194.1 sq ft equipment shelter, located at the City of Brighton Water Tank at 7925 Conference Center Drive, Brighton, Michigan 48116, parcel #11-24-200-062. The request is petitioned by Verizon Wireless c/o Stephen Crane.

Mr. Mortensen addressed the potential for conflict of interest, as Commissioner Lowe is the Clerk for the City of Brighton and the tower under discussion is owned by the City of Brighton. Ms. VanMarter read the conflict of interest guidelines adopted in 2009. It was determined no conflict of interest was present.

Mr. Jonathan Crane addressed the Planning Commission on behalf of the petitioner. Mr. Crane is a civil engineer and an attorney who practices at 1126 North Main in Rochester, Michigan. Mr. indicated that they have approached the City of Brighton about collocating on the water tower. The City required that site plan review be approved first. They have worked with the City's attorney so that the City could lease a portion of the leased premises. The original agreement was for a water tower and they have extended that to allow cellular. The City requested that a fence be placed around the fence, 6' tall, wrought iron. A brick veneer will be placed outside the shelter. They will pay money to the City of Brighton, providing service for approximately two miles to increase capacity which is under strain.

Mr. Mortensen asked if the antennas would be on the side of the tower. Is this equipment building of sufficient size to handle more than one carrier? Mr. Crane indicated it is for one carrier. The site is so small, there is no capacity for additional equipment. Mr. Mortensen asked whether another carrier might come along who wants additional storage. Mr. Crane indicated that the equipment is getting smaller and smaller. T-Mobile uses a 3' cube to store their equipment. Some locations have had 12'x30' buildings. Mr. Brown suggested that if another carrier comes along, we will need

12-08-14 Unapproved Minutes

to deal with the need at that time. Mr. Crane indicated that the easement area would have to be expanded. Cracker Barrel would need to be approached.

Mr. Borden indicated that the current applicant would not be responsible to provide space for future applicants. Future projects could be reviewed at the time they are needed with carriers approaching the Planning Commission with possible joint efforts for approval. There are specific ordinances in the township ordinance which could help direct future reviews of the site.

Mr. Borden indicated that the focus of this review is on the shelter; the antenna is a permit issue. This project is subject to setback standards, height standards, brick and fencing requirements, and a landscape plan requirement to help screen and beautify the area. The standards are met. There is some discretion allowed if the commission feels there is a need for additional landscaping.

Mr. Brown referred asked about what is allowed in the easement agreement. Mr. Crane indicated that the easement was strictly for the water tower. Mr. Brown asked Mr. Crane to ensure that Ms. VanMarter receives a copy of the agreement with the City of Brighton.

Mr. Rauch addressed the petitioner, expressing appreciation for the brick and wrought iron fencing. There are two air conditioning units and a cable bridge, with a large generator. Could additional evergreen trees help screen the building, one additional tree on the east and one on the west? It's conceivable that Cracker Barrel would cut the trees down.

Mr. Crane indicated that Cracker Barrel has been very cooperative. The bridge will be 7' high. Mr. Crane believes the evergreens will be 5' tall. Mr. Mortensen asked should we ask Cracker Barrel for an easement to include the trees? Mr. Crane indicated they would address this with Cracker Barrel and that in a few years the trees would grow and the building would not be seen. They use spruce trees. Mr. Brown indicated that he doesn't notice this structure when he is in the area and it is possible to overcrowd the area. Mr. Rauch indicated that one tree might be moved down slightly. Is the light on the building a security light or motion detector? Mr. Crane indicated that the light in the back could be removed for the benefit of neighboring residents.

Mr. Brown read the recommendation of the engineer and the fire department. Mr. Crane indicated the recommendation would be followed. Notice of dangerous materials will be given outside the building due to lead acid batteries.

Mr. Brown made a call to the public:

Ms. Laurie Sell asked if the trees would be watered the first year so that they would stay alive. Mr. Crane indicated that the nursery will provide watering for the first year. Mr. Jarrett Poppy asked how far the trees would be from the building. Mr. Crane indicated that the trees were 25' from the building. No other comments were made by the public.

Planning Commission disposition of petition

A. Disposition of Site Plan. (11-14-14)

Mr. Mortensen moved that we approve the sketch plan for a Verizon collocation facility near the city of Brighton water tower, dated November 14, 2014 subject to the following:

- 1. Two more evergreens will be added, one on the east and one on the west.
- 2. Prior to a land use permit being granted, documentation will be provided by the City of Brighton ensuring the Township that the evergreens on the Cracker Barrel property will be approved to exist. The form shall be in an amendment to the lease area or other documentation satisfactory to Township staff.
- 3. In the event that future needs require additional equipment shelter space, the applicant shall agree to cooperate with the City of Brighton on a possible expansion of the proposed shelter as needed and shall submit a statement to that effect in writing.
- 4. The requirements of the Township Engineer spelled out in his letter of Nov. 21, 2014 and the Fire Department letter from Nov. 21 will be complied with.
- 5. The light on the north building elevation shall be removed.
- 6. Genoa Township shall receive a copy of the proposed easement and/or agreement between the City of Brighton and Cracker Barrel.

Supported by Ms. Figurski. Motion carried unanimously.

OPEN PUBLIC HEARING #2... Review of a proposed third amendment to the Timber Green Planned Unit Development (PUD) site condominium and agreement for a proposed 1,440 sq ft overhang addition to the approved 5,760 sq ft accessory structure at the property located at 3800 Chilson Road, Howell, Michigan 48443, petitioned by Chestnut Development.

Ms. Laurie Sell addressed the Planning Commission on behalf of the petitioner. Ms. VanMarter indicated that the Planning Commission had approved a 5,760 sq ft building for his property but when the plans came through for a land use permit, the building plans included an overhang portion which is under the roof. The covered area exceeds the dimensions allowed in the previous approval.

Mr. Brown asked what would be stored under the overhang; what would be the reason for the overhang? Mr. Gronow was present by speaker phone and indicated that the overhang is for equipment storage, such as a snow blower and attachments. Mr. Grajek asked if there was any plan to enclose the overhang. Mr. Gronow said no, the overhang is for convenience with equipment. Mr. Brown indicated that this is a small change, given the size of the building already approved. The building is huge and well hidden. Mr. Rauch indicated that approving the storing of equipment outside may not be desirable. Mr. Brown indicated that additional buffering would be good. Mr. Grajek suggested that we should stipulate that the overhang cannot be enclosed.

A call was made to the public with no response.

Planning Commission disposition of petition

A. Recommendation of PUD Agreement Amendment.

12-08-14 Unapproved Minutes

Mr. Mortensen moved that we recommend to the township board an approval of a third revision to the PUD agreement for Timber Green subject to the following change:

1. A parenthetical statement shall be added to the fourth paragraph on the second page of the agreement that no part of the overhang shall be enclosed. This recommendation is made because the Planning Commission believes it is a minor change to the existing amendments, all of which the Planning Commission believes is consistent with requirements of section 19.02 of the Township ordinance.

Supported by Ms. Lowe. Motion carried unanimously.

OPEN PUBLIC HEARING #3... Request to table rezoning, PUD amendment, site plan, and environmental impact assessment for a proposed 3,848 sq ft Red Olive Restaurant, located at 3838 E. Grand River Avenue, Howell, Michigan 48443, parcel # 4711-05-400-025. The request is petitioned by PKJJ, LLC.

Planning Commission disposition of petition

A. Table request to January 12, 2015 meeting.

Mr. Grajek moved to table this public hearing at the request of the applicant.

Supported by Mr. Mortensen. Motion carried unanimously.

Administrative Business:

- Staff report: Ms. VanMarter indicated that a redevelopment has been discussed on one of the most prominent intersections in the township, changing the status of the current Bennigan's location. Also, an office complex is proposed on Grand River and an addition is being proposed at the Battery Solutions location.
- Approval of November 10, 2014 Planning Commission meeting minutes. Motion by Ms. Figurski to approve the minutes as amended. Support by Mr. Rauch. **Motion carried unanimously.**
- Member discussion
- Adjournment



2911 Dorr Road Brighton, MI 48116 810.227.5225 810.227.3420 fax genoa.org

SUPERVISOR

Gary T. McCririe

CLERK Paulette A. Skolarus

TREASURER Robin L. Hunt

MANAGER Michael C. Archinal

TRUSTEES

H. James Mortensen Jean W. Ledford Todd W. Smith Linda Rowell January 6, 2015

Genoa Charter Township Planning Commission

RE: TIMBER GREEN/CHESTNUT DEVELOPMENT POLE BARN COVERED PORCH AREA – MINOR DEVIATION FROM APPROVED PLAN

Dear Commissioners,

Chestnut Development has requested approval for a 16'x8' porch overhang to protect the area near the front door to the pole barn. See attached image. As you may recall, our ordinance includes any area covered by a roof in the square footage calculation and this covered porch area would put the project over the approved size by 128 square feet. In response to this request, I have reviewed the ordinance and provide the following:

Section 10.11 of the Zoning Ordinance provides guidance in regard to amendments and deviations from an approved PUD plan. Specifically, Section 10.11.03 states that the Zoning Administrator may approve a minor revision upon finding the change would not alter the basic design nor any conditions imposed upon the original plan approval by the Planning Commission. In defining a "minor change" the Ordinance further provides under 10.11.03(a) that "for residential buildings, the size of structures may be reduced; or increased by five percent (5%), provided the overall density of units does not increase and the minimum square footage requirements are met."

Using the above criteria, I find that the proposed 128 square foot covered area would be an increase of 0.018% and I believe that this change would not alter the basic design nor any conditions imposed upon the original plan approval by the Planning Commission. Based on these findings I approve the overhang and have authorized an amendment to the Land Use Permit for this project.

Section 10.11 also requires that the Planning Commission be informed of deviations approved by the Zoning Administrator. Please accept this memorandum as written notification. If you have any questions please don't hesitate to contact me.

Sincerely, Kelly VanMarter

Assistant Township Manager/Community Development Director

