#### GENOA CHARTER TOWNSHIP BOARD

Regular Meeting October 17, 2022 6:30 p.m.

# **AGENDA**

Call to Order:

Pledge of Allegiance:

Call to the Public (Public comment will be limited to two minutes per person) \*:

# **Consent Agenda:**

1) Payment of Bills: October 17, 2022

2) Request to approve Minutes: October 3, 2022

# Regular Agenda:

- 3) Request to approve water rate adjustments in response to the City of Brighton's revised fee schedule effective December 1, 2022 as recommended by the accountants and Utility Director as follows:
  - a) Increase the Lake Edgewood Conference Center Quarterly Water Fee to \$7.06/1,000 gallons from \$6.43/1,000 gallons;
  - b) Increase the Lake Edgewood Other Quarterly water fee to \$6.76/1,000 gallons from \$6.16/1,000 per 1,000 gallons;
  - c) Hold the applicable Brighton City water connection fee at \$2,802 per REU and the sewer connection at \$7,198 per REU.
- 4) Consideration of a recommendation for approval of an amendment to the Saint Joseph Mercy Health Planned Unit Development Agreement, final PUD site plan and environmental impact assessment to construct a proposed 175,043 sq. ft. 4-story hospital addition to an existing medical building. The project is located at 7575 Grand River Avenue, north side of Grand River Avenue and west of Bendix Road. The request is petitioned by Trinity Health-Michigan.
  - a) Disposition of the Amended and Restated PUD Agreement
  - b) Disposition of the Environmental Impact Assessment (dated 3-30-22)
  - c) Disposition of the Final PUD site plan (dated 9-16-22)
- 5) Consideration of a recommendation for approval of an amendment to a previously approved site plan for a climate-controlled indoor commercial storage business located at 2630 E. Grand River Avenue, south side of Grand River, east of Chilson Road. The request is petitioned by Schafer Construction, Inc.
- 6) Request for approval of a transfer of a Class C liquor license from NPZ Group LLC at 7749 E. M-36, Hamburg Township to CBOCS Properties, Inc. (Cracker Barrel) at 7925 Conference Center Drive, Genoa Township.

- 7) Consideration of amendments to the Fiscal Year 2022/2023 Budget for the General Fund, Fund 101 to reflect the impact of the resignation of the Township Manager and the internal promotions to fill the Manager and Planning Director positions as follows:
  - a) Increase Dept. 172 Township Manager, "Salary" Line Item 101-172-702-014 from \$139,513 to \$166,435.08.
  - b) Decrease Dept. 261 Unallocated, "Retirement" Line Item 101-261-718-001 from \$121,000 to \$119,505.
  - c) Decrease Dept. 701 Planning and Zoning, "Planning and Zoning Wages and Salaries" Line Item 101-701-703-000 from \$218,760 to \$176,889.12.
- 8) Consideration of amendments to the Fiscal Year 2022/2023 Budget for the Parks and Recreation Fund, Fund 208 as follows:
  - a) Increase Dept. 751 Parks & Recreation, "Park Master Plan" Line Item 208-751-934-006 to cover the cost of survey work and wetland delineation for the Township park acquisition parcels from \$10,000 to \$20,850.
  - b) Decrease to zero Dept. 751 Parks & Recreation, Line Item 208-751-934-003 for the Pedestrian Crossing at Grand River and Speedway due to MDOT consideration for the project.
  - c) Decrease to zero Dept. 751 Parks & Recreation, Line Item 208-751-934-009 for the Pedestrian Crossing at Grand River and Golf Club due to MDOT consideration for the project.
  - d) Create new Dept. 751 Parks & Recreation, line item number 208-751-934-012 for the "Grand River Sidewalk Infill design/easement" project with a budget amount of \$55,000.

Correspondence Member Discussion Adjournment

\*Citizen's Comments- In addition to providing the public with an opportunity to address the Township Board at the beginning of the meeting, opportunity to comment on individual agenda items may be offered by the Chairman as they are presented.

# **BOARD PACKET**

# CHECK REGISTERS FOR TOWNSHIP BOARD MEETING

MEETING DATE: October 17, 2022

All information below through October 12, 2022		
TOWNSHIP GENERAL EXPENSES	\$	175,710.70
October 14, 2022 Bi Weekly Payroll	\$	113,757.34
OPERATING EXPENSES DPW	\$	38,334.97
OPERATING EXPENSES Oak Pointe	\$	5,244.84
OPERATING EXPENSES Lake Edgewood	\$	50,979.97
TO	TAL \$	384,027.82

10/12/2022 10:22 AM

CHECK REGISTER FOR GENOA TOWNSHIP

Page: User: denise CHECK NUMBERS 37753 - 40000 DB: Genoa Township

Check Date Vendor Name Amount Check Bank FNBCK CHECKING ACCOUNT 23,483.00 ACCIDENT FUND COMPANY 09/28/2022 37753 27.36 09/28/2022 37.754 DTE ENERGY 10/03/2022 37755 COOPER'S TURF MANAGEMENT LLC 1,185.44 343.76 10/03/2022 37756 TAMMY LINDBERG MEI TOTAL ELEVATOR SOLUTIONS 139.89 37757 10/03/2022 347.94 10/03/2022 37758 MICHIGAN OFFICE SOLUTIONS 10/03/2022 37759 MICHIGAN STATE UNIVERSITY 60.00 12,934.53 10/03/2022 MMRMA 37760 PRINTING SYSTEMS 273.64 10/03/2022 37761 10/03/2022 37762 DENISE SCHNIERS 8.25 SMART BUSINESS SOURCE 427.81 10/03/2022 37763 345.00 10/04/2022 37764 ALLSTAR ALARM LLC 742.98 DTE ENERGY 10/04/2022 37765 GORDON FOOD SERVICE 278.00 10/04/2022 37766 10/04/2022 37767 NETWORK SERVICES GROUP, L.L.C. 50.00 10/04/2022 37768 SMART BUSINESS SOURCE 145.84 637.20 10/12/2022 37769 COMCAST 713.15 10/12/2022 37770 COMCAST 37771 CONTINENTAL LINEN SERVICE 132.33 10/12/2022 DTE ENERGY 83.43 10/12/2022 37772 213.84 10/12/2022 37773 DTE ENERGY 10/12/2022 37774 FEDERAL EXPRESS CORP 48.42 LANDSCAPE DESIGN & ASSOCIATES LLC 3,320.00 10/12/2022 37775 10/12/2022 37776 LIVINGSTON COUNTY TREASURER 1.52 12,900.00 10/12/2022 37777 MANER COSTERISAN 37778 MICHIGAN.COM 353.02 10/12/2022 10/12/2022 37779 OAK POINTE NEW USER FUND 605.39 PFM FINANCIAL ADVISORS LLC 1,000.00 37780 10/12/2022 10/12/2022 37781 TERRY CROFT 62.50 37782 WASTE MANAGEMENT CORP, SERVICES 114,776.39 10/12/2022 10/12/2022 37783 WASTE MANAGEMENT CORP, SERVICES 70.07 FNBCK TOTALS: 175,710.70 Total of 31 Checks: Less 0 Void Checks: 0.00

175,710.70 Total of 31 Disbursements:

10/12/2022 10:06 AM		PAYROLL RE	GISTER REPORT FO	OR GENOA CHARTER I	OWNSHIP		Page 35 of 3
			Payroll	ID: 224			
	-		•		/2022 Bank ID: FNI	BCK	
YTD values reflect values	ues AS OF the check da	ite based on all	current adjusts	ments, checks, vol	a cnecks	*********************	
TWP MED REIMBUR	0.00	0.00	0.00	0.00			
UNIFORM ALLOW	0.00	0.00	0.00	4,275.00			
VAC COVID 19	0.00	0.00	0.00	0.00			
VACATION NONTAX	0.00	0.00	0.00	0.00			
VACATION PAY	138.00	0.00	4,090.43	104,005.18			
VACATION PTIME	0.00	0.00	0.00	4,782.15			
WELL IQ	0.00	0.00	189.50	3,007.59			
ZBA CHAIR	1.00	0.00	205.30	1,613.06			
ZBA MINUTES	1.00	0.00	173.00	1,359.28			
ZBA MINUTES OT	0.00	0.00	0.00	0.00			
ZBA PER DIEM	4.00	0.00	775.04	5,631.16			
Gross Pay This Period	Deduction Refund	Ded. This Per	iod Net Pay T	nis Period	Gross Pay YTD	Dir. Dep.	
112,559.36	0.00	34,048	.23	78,511.13	2,218,105.51	78,387.79	

10/12/2022 10:07 AM

# Check Register Report For Genoa Charter Township For Check Dates 10/14/2022 to 10/14/2022

Page 1 of 1

Check Date	Bank	Check Number	Name	Check Gross	Physical Check Amount	Direct Deposit	Status
10/14/2022	FNBCK	13677	SEBASTIAN, PAUL J	140.00	123.34	0.00	Open
10/14/2022	FNBCK	EFT728	FLEX SPENDING (TASC)	807.30	807.30	0.00	Open
10/14/2022	FNBCK	EFT729	INTERNAL REVENUE SERVICE	27,483.93	27,483.93	0.00	Open
10/14/2022	FNBCK	EFT730	PRINCIPAL FINANCIAL	4,476.00	4,476.00	0.00	Open
10/14/2022	FNBCK	EFT731	PRINCIPAL FINANCIAL	2,355.64	2,355.64	0.00	Open
Totals:			Number of Checks: 005	35,262.87	35,246.21	0.00	

Total Physical Checks:

1

Total Check Stubs:

4

 Net Pay This Period
 \$78,511.13

 Physical Check Amount
 \$35,246.21

 TOTAL
 \$113,757.34

10/12/2022 10:56 AM

CHECK REGISTER FOR GENOA TOWNSHIP

CHECK NUMBERS 5652 - 6000

User: denise DB: Genoa Township

Page: 1/1

Amount Check Vendor Name Check Date Bank 503FN DPW-UTILITIES #233 11,565.72 10/03/2022 MARMA GENOA TOWNSHIP 10/04/2022 5653 17,377.42 10/11/2022 5654 TRACTOR SUPPLY CO. 94.98 9,296.85 10/12/2022 WEX BANK 503FN TOTALS: Total of 4 Checks: 38,334.97 Less 0 Void Checks: 0.00 38,334,97 Total of 4 Disbursements: 10/12/2022 10:57 AM Page: CHECK REGISTER FOR GENOA TOWNSHIP User: denise CHECK NUMBERS 5639 - 6000 DB: Genoa Township Check Date Check Vendor Name Amount Bank 592FN OAK POINTE OPERATING FUND #592 2,278.64 10/03/2022 MARMA 5639 10/04/2022 DIE ENERGY 985.00 5640 10/11/2022 5641 DIE ENERGY 1,981.20 592FN TOTALS: Total of 3 Checks: 5,244.84 Less O Void Checks: 0.00 5,244.84 Total of 3 Disbursements: 10/12/2022 10:58 AM Page: CHECK REGISTER FOR GENOA TOWNSHIP User: denise CHECK NUMBERS 4190 - 5000 DB: Genoa Township Check Date Check Vendor Name Amount Bank 593FN LAKE EDGEWOOD OPERATING FUND #590 10/03/2022 4190 CITY OF BRIGHTON 9,694.73 10/03/2022 4191 CITY OF BRIGHTON 36,434.32 10/03/2022 4192 MARMA 959.36 BRIGHTON TOWNSHIP 662.50 10/05/2022 4193 10/11/2022 DTE ENERGY 3,229.06 4194 593FN TOTALS: 50,979.97 Total of 5 Checks: Less 0 Void Checks: 0.00 Total of 5 Disbursements: 50.979.97

503FN \$38,334.97 \$5,244.84 592FN 593FN \$50,979.97 TOTAL \$94,559.78 Genoa Charter Township Board Meeting October 3, 2022 Unapproved Minutes

# GENOA CHARTER TOWNSHIP BOARD Regular Meeting October 3, 2022

#### **MINUTES**

Supervisor Rogers called the regular meeting of the Genoa Charter Township Board to order at 6:30 pm at the Township Hall. The following members were present constituting a quorum for the transaction of business: Bill Rogers, Paulette Skolarus, Jean Ledford, Terry Croft, Jim Mortensen, Diana Lowe and Robin Hunt. Also present were Township Manager Michael Archinal, Kelly VanMarter, Planning Director / Asst. Township Manager, and Township Attorney Joe Seward, and three persons in the audience.

The Pledge of Allegiance was recited.

The call to the public was opened at 6:31 pm.

State Senator Lana Theis presented Mike Archinal with a Tribute from the State of Michigan. She thanked him for his service and dedication to the Township.

The call to the public was closed at 6:33 p.m.

# Consent Agenda

**Moved** by Ledford, supported by Lowe, to approve the Consent Agenda as presented. **The motion carried unanimously**.

- 1. Payment of Bills: October 3, 2022
- 2. Request to approve Minutes: September 19, 2022
- 3. Request to amend FY 2022/2023 budget as recommended by the Election Commission.
- 4. A. Request to approve a proposal from DeBottis for Township Hall parking lot resealing and restriping in the amount of \$21,290.
  - B. Request to amend the FY 2022/2023 Budget, zeroing line item Township LED monument sign 249-265-981-003 and adding line item 249-265-981-007 in the amount of \$21, 290.

### Regular Agenda

**Moved** by Lowe, seconded by Croft, to approve the Regular Agenda as presented. **The motion** carried unanimously.

5. Request to amend the Township's personnel manual by compensating employees receiving a car allowance at 35% of the prevailing IRS mileage rate for eligible expenses.

Genoa Charter Township Board Meeting October 3, 2022 Unapproved Minutes

Mr. Archinal stated they reviewed the personnel manual and are recommending that mileage expenses be 35 percent of the IRS mileage rate if an employee is receiving a car allowance.

Mr. Mortensen would like it to be clarified that the mileage reimbursement starts after a trip of 50 miles.

**Moved** by Mortensen, supported by Lowe, to amend the Township's personnel manual by compensating employees receiving a car allowance at 35 percent of the prevailing IRS mileage rate for eligible expenses beginning with a one-way trip of 50 miles. **The motion carried unanimously.** 

6. Request to modify the Township's participation in the subdivision roads special assessments from 25% or \$1,000 per home (whichever is less) to \$25% or \$1,500 per home.

Mr. Archinal stated they reviewed the policy and made changes. The fund that is used for these expenses has sufficient funds currently and this program was first enacted in 2004.

Mr. Mortensen noted that when the Township pays for these types of projects, bonding is usually done and interest rates are increasing. Mr. Archinal stated there are some upcoming projects that are able to be funded with money that the Township currently has and noted that each of these SAD's are approved by the Board on a case-by-case basis.

Ms. Skolarus stated this is a very generous program. Supervisor Rogers stated this is an existing policy and what is being requested is to adjust it slightly by increasing the per parcel expense from \$1,000 to \$1,500. Ms. Skolarus is not opposed to supporting the residents, but this is more than any other Townships provide.

**Moved** by Mortensen, supported by Croft, to approve the following policy with regard to the establishment of Special Assessment Districts for road projects:

- This policy amends and replaces the 10/4/2004 action of the Township Board.
- The Township may financially support the public road Special Assessment District up to 25 percent of the total project with a maximum of \$1,500 per parcel from the General Fund.
- The maximum expended each year from Fund #202 shall be reviewed by the Township Board on a case-by-case basis.
- The maximum expended each year from the General Fund shall be determined by the Township Board as part of the annual budget process.

The motion carried (Ledford - no, Croft - yes, Hunt - yes, Lowe - yes, Mortensen - yes, Skolarus - yes, and Rogers - yes)

7. Request for approval and adoption of Resolution No. 221003 in appreciation of Michael C. Archinal for his over 24 years of Service to Genoa Charter Township.

Moved by Lowe, supported by Croft, to adopt Resolution No. 221003 in appreciation of Michael C. Archinal for his over 24 years of Service to Genoa Charter Township. The motion carried unanimously with a roll call vote (Ledford - yes, Croft - yes, Hunt - yes, Lowe - yes, Mortensen - yes, Skolarus - yes, and Rogers - yes).

Supervisor Rogers read aloud the Resolution of Appreciation.

Genoa Charter Township Board Meeting October 3, 2022 Unapproved Minutes

# **Correspondence**

Mr. Archinal provided the Board with information regarding the Livingston County Sheriff's responses in Genoa and the surrounding township. It also shows the number of responses vs. how much funding they provide to the Sheriff's Department. He noted that large retail stores and two I-96 interchanges are located in the Township.

Ms. Lowe stated she feels very safe in the Township and does not see the need for a police department.

# **Member Discussion**

Mr. Archinal thanked all of the Board Members for their appreciation and for allowing him and his staff to accomplish all that they have. All Board Members thanked Mike for his service and congratulated him on his retirement.

Ms. Lowe stated that Park and Recreation may be seeking a millage in 2024.

# <u>Adjournment</u>

**Moved** by Ledford, supported by Hunt, to adjourn the meeting at 7:04 pm. **The motion carried unanimously.** 

Respectfully Submitted,

Patty Thomas Recording Secretary

Approved:

Paulette Skolarus, Clerk Genoa Charter Township Bill Rogers, Supervisor Genoa Charter Township



2911 Dorr Road

Brighton, MI 48116

810.227.5225

810.227.3420 fax

genoa.org

# **MEMO**

**TO:** Genoa Charter Township Board

**FROM:** Greg Tatara, Utility Director

**DATE:** October 3, 2022

**SUBJECT:** Annual Rate Adjustments for the Lake Edgewood Water System

Customers served by the City of Brighton

For consideration at the October 17th Board Meeting is the proposed annual rate adjustments for the Lake Edgewood Water System Customers serviced by the City of Brighton water.

Please find attached a letter dated September 30, 2022 from the City of Brighton regarding their adopted 2022 - 2023 fee schedule for water use, as well as connection fees. Correspondingly, please find attached a September 30th letter from Pfeffer, Hanniford, and Palka, which recommends the adjusted rates for these fees. These rates include the \$0.15 per 1,000 gallon administrative charge from Genoa Township to cover meter reading, meter replacement, billing, postage, collection, and other fees. As staff, we concur with the proposed adjustments, and we recommend that the effective date of the changes be December 1<sup>st</sup>, 2022. This date corresponds with a new billing cycle for Lake Edgewood Water Customers.

Based on the above explanation and the attached documents, please consider the following motion:

Moved by	, supported by	that
December 1st	, 2022, the following water rate adjustments will be	come effective:

- Increase the Lake Edgewood Conference Center Quarterly Water Fee to \$7.06 / 1,000 gallons from \$6.43/1,000 gallons;
- Increase the Lake Edgewood Other Quarterly water fee to \$6.76 / 1,000 gallons from \$6.16/1,000 per 1,000 gallons;
- Hold the applicable Brighton City water connection fee at \$2,802 per REU and the sewer connection at \$7,198 per REU.

#### **SUPERVISOR**

Bill Rogers

### CLERK

Paulette A. Skolarus

#### **TREASURER**

Robin L. Hunt

#### TRUSTEES

Jean W. Ledford

H. James Mortensen

Terry Croft

Diana Lowe

#### MANAGER

Kelly VanMarter



# PFEFFER • HANNIFORD • PALKA

Certified Public Accountants

John M. Pfeffer, C.P.A. Patrick M. Hanniford, C.P.A. Kenneth J. Palka, C.P.A.

Members: AICPA Private Practice Companies Section MACPA 225 E. Grand River - Suite 104 Brighton, Michigan 48116-1575 (810) 229-5550 FAX (810) 229-5578

September 30, 2022

Dr. Gregory Tatara Genoa Township 2911 Dorr Road Brighton, Michigan 48116

Dear Greg:

As you have requested we have reviewed the City of Brighton's revised fee schedule effective July 1, 2022 for Lake Edgewood Water.

Based on our review we recommend the following rate changes be implemented by Genoa Township.

- Lake Edgewood Conference Center Quarterly Usage Fee Water
   The water fee should increase to \$7.06 per 1,000 gallons from \$6.43 per 1,000 gallons.
   (It should be noted the City's rates increased from \$6.28 to \$6.91)
- Lake Edgewood Other Quarterly Usage Fee Water
   The water fee should increase to \$6.76 per 1,000 gallons from \$6.16 per 1,000 gallons.
   (It should be noted the City's rates increased from \$6.01 to \$6.61)

We recommend the increase be started in the next billing cycle.

If you should have any questions please call.

Sincerely,

PFEFFER, HANNIFORD & PALKA Certified Public Accountants

Kenneth J. Palka

, 4 Pall



September 30, 2022

Mike Archinal, Manager Genoa Township 2911 Dorr Road Brighton, MI 48116

Mr. Archinal:

The City of Brighton's adopted FY 2022-2023 Fee Schedule for Sewer and Water user and connection fees, as they relate to Genoa Township, are listed below. These rates are effective July 1, 2022.

	Dillon	Northstar	Lake Edgewood
Water: Commodity (1,000 gal.)-	\$6.61	\$6.91	\$6.61
PILOT (bi-monthly)	\$16.66		

**Connection Fees** 

(Per REU):

Water

\$2,802

Sewer

\$7,198

Please contact me if you have any questions at 810.225.8022.

Sincerely,

Gretchen Gomolka, City Manager

Cc: Corey Brooks, Deputy DPS Director

File

200 N. First St. Brighton, MI 48116 (810) 227-1911 www.brightoncity.org



2911 Dorr Road

Brighton, MI 48116

810.227.5225

810.227.3420 fax

genoa.org

# **M**EMORANDUM

**TO:** Honorable Board of Trustees

**FROM:** Kelly VanMarter, Township Manager

**DATE:** October 12, 2022

**RE:** Trinity Health/St. Joseph Mercy Brighton – Hospital Addition

PUD Amendment, Final PUD Site Plan and Impact Assessment

In consideration of the approval recommendation by the Township Planning Commission on August 8, 2022 please find the attached project case file for a 4-story hospital addition consisting of 175,043 square foot for the St. Joseph Mercy Brighton Health Center. The 80-acre site is located on the north side of Grand River Avenue, west of Bendix Road. The site is within an existing non-residential Planned Unit Development (NRPUD) which is proposed to be amended to accommodate the project. Procedurally, the Planning Commission is to make a recommendation to the Township Board on the amended development agreement, impact assessment and the final PUD site plan. The Township Board has the final review/approval authority over the proposal.

A revised site plan was received from the applicant which incorporated many of the Planning Commission comments as indicated in the enclosed review letters from the planning consultant, engineer and fire authority. There are a few minor comments from both myself and the planner regarding the PUD Agreement. Predominately my concerns relate to type and location of the proposed signage for the project. Prior to execution of the development agreement, I would like to request that the applicant work with staff to finalize details related to the sign design for the property. This is included in the following motion regarding the development agreement.

Based on the action of the Planning Commission and in response to the revised materials I offer the following action for your consideration:

## SUPERVISOR

Bill Rogers

#### CLERK

Paulette A. Skolarus

## **TREASURER**

Robin L. Hunt

#### **TRUSTEES**

Jean W. Ledford H. James Mortensen Terry Croft Diana Lowe

#### MANAGER

Kelly VanMarter

# **PUD Agreement**

Moved by \_\_\_\_\_, Supported by \_\_\_\_ to APPROVE the Amended and Restated Planned Unit Development (PUD) Agreement with the following conditions:

- 1.) The applicant will revise the Agreement to address the comments of the Planner and Township Manager. Additional detail shall be provided regarding the proposed signage and the applicant shall revise the PUD Agreement as necessary.
- 2.) The Township Attorney shall review and approve the final document prior to execution.
- 3.) The applicant shall ensure that the signed document is property recorded with the Register of Deeds prior to issuance of a land use permit for the project.
- 4.) Any site plan fee exceedances associated with the additional meetings and consultant reviews as indicated on the site plan and PUD applications shall be paid prior to issuance of the land use permit for the project.

October 12, 2022 **Trinity Health/St. Joseph Mercy Brighton – Hospital Addition**Page **2** of **2** 

<b>Environmental Impact As</b>	ssessment	
Moved by	, Supported by	_ to APPROVE the Environmental Impact Assessment
dated March 30, 2022 as	submitted.	
Final PUD Site Plan		
Moved by	_, Supported by	to APPROVE the Final PUD Site Plan dated
September 16, 2022.		
Should you have any que	stions concerning this mat	tter, please do not hesitate to contact me.
Sincerely,	5	
Kelly VanMarter		



# **GENOA CHARTER TOWNSHIP APPLICATION Planned Unit Development** (PUD)

APPLICANT NAME: Tom Tocco
APPLICANT EMAIL: tom.tocco@stjoeshealth.org
APPLICANT ADDRESS & PHONE: (734) 712-2192
OWNER'S NAME: Trinity Health - Michigan d/b/a St. Joseph Mercy Livingston
OWNER ADDRESS & PHONE: St. Joseph Mercy Health System (734) 712-2192
TAX CODE(S): ID: 4711-13-200-009
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
<ul> <li>□ Residential Planned Unit Development (RPUD)</li> <li>□ Planned Industrial District (PID)</li> <li>□ Mixed Use Planned Unit Development (MUPUD)</li> <li>□ Redevelopment Planned Unit Development (RDPUD)</li> </ul>
<ul><li>X Non-residential Planned Unit Development (NRPUD)</li><li>☐ Town Center Planned Unit Development (TCPUD)</li></ul>
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 Trinity Health-Michigan d/b/a St. Joseph Mercy Health System are the current owners of the parcel.

- 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.

Size of property is 77.59 acres.
DESCRIBE BELOW HOW THE REQUESTED PUD DESIGNATION COMPLIES WITH AFOREMENTIONED MINIMUM LOT SIZE REQUIREMENTS.
A PUD currently governs the site and is being amended in order to accommodate
the expanded hospital program to better serve the community.
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;
The amended PUD will comply with the open space requirement from the township.
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;
See attachment, Impact Statement and supporting appendices.
3. 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;
See attachment, Impact Statement and supporting appendices.

Page 2 of 7

see attacriment,	mpact Statement and	supporting a	oportarous.
herewith submitted are in a	Owner's Executive Dir. they are the d that the foregoing answers and still respects true and correct to the l	oest of his/her knowl	edge and belief.
ADDRESS: 1600 Sc	outh Canton Center R	oad, Canto	n, MI 48155
ontact Information - Revie	w Letters and Correspondence sha	ll be forwarded to the	following:
	w Letters and Correspondence shall of Trinity dba St. Joseph Mercon Susiness Afg	cy Health System at	
As stated on the site plan re Planning Commission mee to pay the actual incurred c required concurrent with su and full understanding of the	FEE EXCEEDANCE AGI  wiew fee schedule, all site plans are ating. If additional reviews or meeting osts for the additional reviews. If apartiments and the state of the schedule of the schedule of the additional reviews. If apartiments are at the schedule of the additional reviews. If apartiments are at the schedule of	REEMENT allocated two (2) consess are necessary, the applicable, additional resigning below, applications	E-mail  ultant reviews and one (1 pplicant will be required view fee payment will be ant indicates agreement
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# GENOA CHARTER TOWNSHIP Application for Site Plan Review

TO THE GENOA TOWNSHIP PLANNING COMMISSION AND TOWNSHIP BOARD.
APPLICANT NAME & ADDRESS: Trinity Health-Michigan d/b/a St. Joseph Mercy Health System of Authorization from Property Owner is needed.
OWNER'S NAME & ADDRESS: St. Joseph Mercy Health System
SITE ADDRESS:PARCEL #(s): ID:4711-13-200-009
APPLICANT PHONE: (734) 712-2192 OWNER PHONE: (734) 712-2192
OWNER EMAIL: tom.tocco@stjoeshealth.org
LOCATION AND BRIEF DESCRIPTION OF SITE: Project site is located at
7575 Grand River Rd., Brighton, Michigan, 48114.
Project to include expansion and renovation of existing facility
known as St. Joseph Mercy Brighton.
BRIEF STATEMENT OF PROPOSED USE:  Project is intended to expand community health service to Brighton
area and includes development of new hospital addition (four stories plus basement), support spaces,
72 inpatient beds including mother/baby unit, expanded emergency department services, cafeteria,
and associated upgrades to support spaces and utilities, with expanded onsite parking capacity.
THE FOLLOWING BUILDINGS ARE PROPOSED:
Hospital addition to existing facility = 175,043 gross sq.ft.
Expansion areas to Medical Office Building =11,114 gross sq.ft.
Renovation area within Medical Office Building = 23,326 net sq.ft
1 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: Jon (orco
1600 South Canton Center Road, Canton, MI 48155

riew Letters and Correspondence shall be forwarded to	the following:
of Trinity dba St. Joseph Mercy Health System	at Tom.Tocco@stjoeshealth.org
Business Affiliation	E-mail Address
	of Trinity dba St. Joseph Mercy Health System

# 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: DATE: March 29, 2022

PRINT NAME: Tom Tocco PHONE: Direct: 734-712-2192 Cell: 734-646-8730

ADDRESS: 1600 South Canton Center Road, Canton, MI 48155

> GENOA CHARTER TOWNSHIP PLANNING COMMISSION PUBLIC HEARING August 8, 2022 6:30 P.M. MINUTES

<u>CALL TO ORDER:</u> Chairman Grajek called the meeting of the Genoa Charter Township Planning Commission to order at 6:30 p.m. Present were Chris Grajek, Jeff Dhaenens, Marianne McCreary, Glynis McBain, Tim Chouinard and Diana Lowe. Absent was Eric Rauch. Also present was Kelly VanMarter, Community Development Director/Asst. Township Manager, Brian Borden of Safebuilt, and Shelby Byrne of Tetra Tech.

<u>PLEDGE OF ALLEGIANCE:</u> The pledge of allegiance was recited.

# **APPROVAL OF AGENDA:**

**Moved** by Commissioner Lowe, seconded by Commissioner Dhaenens, to approve the agenda as presented. **The motion carried unanimously**.

DECLARATION OF CONFLICT OF INTEREST: None

### CALL TO THE PUBLIC:

The call to the public was made at 6:31 pm with no response.

### **OLD BUSINESS:**

OPEN PUBLIC HEARING # 1......Consideration of an amendment to the Saint Joseph Mercy Health Planned Unit Development Agreement, final PUD site plan and environmental impact assessment to construct a proposed 186,157 sq. ft. 4-story hospital addition to an existing medical building. The project is located at 7575 Grand River Avenue, north side of Grand River Avenue and west of Bendix Road. The request is petitioned by Trinity Health-Michigan.

- A. Recommendation of Amended and Restated PUD Agreement
- B. Recommendation of Environmental Impact Assessment (dated 3-30-22)
- C. Recommendation of Final PUD site plan (dated 7-20-22)

Ms. Cindy Pozolo, the project manager; Mr. Steven Russo, the transportation engineer; Darin Daguanno, the architect; and Michael Campos, the civil engineer, from The Smith Group, and Mr. Dave Raymond, the Director of Planning for Trinity Health, were present.

Ms. Pozolo stated that the applicant has submitted a revised traffic analysis. Mr. Russo stated this included the proposed multi-unit development near their property, noting that it did not have

a significant impact on traffic. There are no changes that are needed. Secondly, the delays exiting the property on to Grand River between existing and built conditions do increase, but remain within acceptable level of service limits. He noted that the Livingston County Road Commission will be making improvements to Grand River in this area, which will be one cause of the increase in delays.

Ms. Pozolo stated that additional calculations have been submitted regarding the detention basin and storm sewer management plan. She noted that the Livingston County Drain Commissioner has stated the detention pond will not drain into Woodland Lake. They contacted Brighton Township and they advised that they defer all of their reviews to the Livingston County Drain Commissioner. Mr. Campos provided a review of the stormwater management plan. He stated that the LCDC is currently reviewing their submission and they have submitted a permit to EGLE for their wetland permit. No stormwater from their site drains onto any township or county drains. There are also no flood concerns.

Mr. Borden reviewed his letter dated August 2, 2022.

- 1. The applicant must address the comments put forth by Township staff.
- 2. The applicant should be prepared to present a building elevation rendering from Grand River, as requested by the Commission. The applicant presented two separate renderings this evening.
- 3. The findings of the updated traffic impact study are subject to review and comment by the Township Engineer.
- 4. The applicant must clarify and/or correct the parking calculations on the site plan in relation to those noted in the PUD Agreement.
- 5. The Commission should consider comments provided by the Township Engineer and Brighton Area Fire Authority.

Ms. Pozolo stated they have submitted revised documents to address these concerns.

Mr. Richard Sundquist, legal counsel for Trinity Health, stated all four of the items raised by the planner this evening have been addressed in the revised PUD Amendment submitted this afternoon. They have indicated the specific building heights, the parking calculations, wetland buffer disturbances and restoration, and the details of the two new monument signs and two building signs.

Ms. Byrne reviewed her letter dated August 3, 2022.

Her items have been addressed. Her letter consisted mostly of information and approvals that are needed.

1. The impact assessment states that the proposed hospital expansion will include 72 beds. This will account for 78.5 residential equivalency units (REU), which comes from the Township's REU table that assigns 1.09 REUs per hospital bed. This number will be used to determine the proposed facility's tap-in fee. The impact assessment also notes

- that the hospital will include shell space for an additional 16 beds, which would account for an additional 17.4 REUs.
- 2. The Petitioner completed a traffic impact study that recommended multiple offsite improvements to keep the existing intersection operating at a similar or better level of service at the current conditions, and recommended the improvements be made regardless of the proposed hospital. Recommended improvements include signal changes at the intersections of Latson Road and eastbound and westbound I- 96 and at the intersection of Latson Road and Grand River Avenue. The study also recommends the widening of the Grand River Avenue and I-96 crossover (near Hilton Road in Brighton) to three lanes. These improvements are something the Township, MDOT, and the City of Brighton should keep in mind
- 3. At the July 11, 2022, Planning Commission meeting there were concerns about traffic backing up around the on-site 3-way stop intersection, just north of the entrance drive to the site off Grand River Avenue. If outbound site traffic backs up to the intersection it may prohibit inbound traffic from making a left turn, which may cause a backup into Grand River Avenue. The Petitioner should determine if stacking into Grand River Avenue will be an issue, and if so, should come up with a plan to handle this stacking such as signage to prohibit a left turn at said on-site intersection or signage for southbound and eastbound traffic to not block the intersection.
- 4. A wetland inventory has been completed and added to the plans, and the petitioner is proposing to waive the 25-foot wetland buffer as part of their PUD Agreement. The Petitioner has submitted a Joint Permit Application to EGLE for their proposed wetland impacts and once the EGLE permit has been obtained it should be provided to the township for their records.
- 5. The Livingston County Drain Commission (LCDC) was asked to review the plans for the proposed hospital. Final Approval from the LCDC should be obtained and provided to the Township prior to final approval. If future reviews from either the LCDC or EGLE cause any major changes to the site plan, the Petitioner may be required to submit for additional review and approval.
- 6. Detention and storm sewer calculations should be included in the plans rather than being submitted as a separate package.
- 7. After final site plan approval, the petitioner will need to submit to MHOG Sewer and Water Authority for their approval and permitting of the public water and sanitary sewer improvements.

The Brighton Area Fire Authority's letter dated August 1, 2022 states that all of their previous concerns have been met.

Commissioner McCreary noted the traffic study did not include the potential 240 apartment complex on Latson Road. Mr. Russo stated the revised traffic study includes that proposed complex. Ms. VanMarter stated she has not received the revised traffic study referenced by the petitioner this evening. Mr. Russo reiterated that the apartment complex will not impact the traffic on Grand River. It will slightly increase the delays exiting their property on to Grand River.

Commissioner McBain does not believe it will be this hospital that will cause traffic issues; it will be the recently-approved residential development. Her main concern is how quickly an ambulance can enter the hospital.

Commissioner Dhaenens questioned how many more people will be employed at the new hospital. That will add traffic during shift change. Mr. Raymond stated the hospital is a 24/7 operation and their shifts are staggered so that alleviates issues that occur with a typical shift change.

Commissioner McCreary wants to ensure that there will be no negative impact to the adjacent subdivision with regard to stormwater. Mr. Campos explained what will be done to accommodate the additional impervious surface with the development on the site.

The call to the public was made at 7:30 pm.

Ms. Anita Grapentien of Highway Beach Drive is the president of the Organization of Woodland Lake. The existing lake in Pebble Creek drains into Woodland Lake and she wanted to ensure that no additional runoff will be draining into their lake. Mr. Campos explained the stormwater management plant to Ms. Grapentien.

Mr. Douglas Taylor of 3319 Oak Knoll Drive asked for confirmation that the drainage from this site will enter into the Pebble Creek pond and that there would be no direct drainage into Woodland Lake. Mr. Campos confirmed their development will drain only into the Pebble Creek pond. Mr. Taylor noted that the church across the street uses the hospital parking lot on special occasions and people walk across Grand River. He asked how this will be accommodated during construction. Mr. Raymond stated there is no formal agreement for them to use the parking lot so there will be no accommodations made; however, when they begin construction, the church will be notified. He noted most of the construction will be occurring at the back of the site.

Ms. Mary Durst of 2308 Rolling Rock Road noted that some residents in their subdivision did not receive the notice because they are just outside the 300-foot mailing radius. She asked for clarification on how the applicant will ensure that the additional runoff doesn't end up on their properties. Ms. Campos stated they have submitted their plans to the Livingston County Drain Commission for review and approval. They will be improving the existing stormwater management conditions.

She asked about the additional wastewater that will be generated and if it will increase the odor in their neighborhood. There is a lot of wildlife in that area and this development will push them into their neighborhood. Will there be increased light pollution and will the people in the hospital be able to see into their homes? There will be helicopters coming out of this facility. This will decrease their property values. Her and her neighbors have these concerns.

The call to the public was closed at 7:52 pm.

Commissioner Dhaenens thanked the applicant for revisiting the traffic study and the stormwater management system. He is disappointed that Township staff did not receive the revised information from the applicant.

**Moved** by Commissioner Dhaenens, seconded by Commissioner Lowe, to recommend to the Township Board approval of the amended and restated PUD Agreement to construct a proposed 186,157 sq. ft. 4-story hospital addition to an existing medical building located at 7575 Grand River Avenue, north side of Grand River Avenue and west of Bendix Road, with the following conditions:

- Building heights shall be provided
- The parking calculations shall be provided
- The wetland buffer information shall be provided
- Stormwater calculations shall be provided
- All signage details shall be provided
- All additional information shall be reviewed and approved by township staff, planner, engineer, and the Brighton Area Fire Authority.

The motion carried unanimously.

Moved by Commissioner Lowe, seconded Commissioner Dhaenens, to recommend to the Township Board approval of the Environmental Impact Assessment dated March 30, 2022 to construct a proposed 186,157 sq. ft. 4-story hospital addition to an existing medical building located at 7575 Grand River Avenue, north side of Grand River Avenue and west of Bendix Road. The motion carried unanimously.

**Moved** by Commissioner Dhaenens, seconded by Commission Chouinard, to recommend to the Township Board approval of the Final PUD site plan dated 7/20/22 to construct a proposed 186,157 sq. ft. 4-story hospital addition to an existing medical building located at 7575 Grand River Avenue, north side of Grand River Avenue and west of Bendix Road, with the following conditions:

- Building heights shall be provided
- The parking calculations shall be provided
- The wetland buffer information shall be provided
- Stormwater calculations shall be provided
- All signage details shall be provided
- All additional information shall be reviewed and approved by township staff, planner, engineer, and the Brighton Area Fire Authority.

The motion carried unanimously.

**OPEN PUBLIC HEARING # 2...**Discussion and review of a conceptual site plan for 12 attached condominiums and 102 single family homes for the Summerfield Pointe PUD. The property in

Planning Commission July 11, 2022 Approved Minutes

# GENOA CHARTER TOWNSHIP PLANNING COMMISSION PUBLIC HEARING JULY 11, 2022 6:30 P.M. MINUTES

<u>CALL TO ORDER:</u> Chairman Grajek called the meeting of the Genoa Charter Township Planning Commission to order at 6:30 p.m. Present were Chris Grajek, Jeff Dhaenens, Marianne McCreary, Eric Rauch, Glynis McBain, Tim Chouinard and Diana Lowe. Also present was Kelly VanMarter, Community Development Director/Asst. Township Manager, Brian Borden of SafeBuilt, and Shelby Byrne of Tetra Tech. There were approximately 75 people in attendance.

**PLEDGE OF ALLEGIANCE:** The pledge of allegiance was recited.

## **APPROVAL OF AGENDA:**

**Moved** by Commissioner Lowe, seconded by Commissioner Dhaenens, to approve the agenda as presented. **The motion carried unanimously.** 

# **DECLARATION OF CONFLICT OF INTEREST:** None

**CALL TO THE PUBLIC:** A call to the public was made at 6:31 p.m. with no response.

# **OLD BUSINESS**:

**OPEN PUBLIC HEARING # 1...**Consideration of an amendment to the Saint Joseph Mercy Health Planned Unit Development Agreement, final PUD site plan and environmental impact assessment to construct a proposed 186,157 sq. ft. 4-story hospital addition to an existing medical building. The project is located at 7575 Grand River Avenue, north side of Grand River Avenue and west of Bendix Road. The request is petitioned by Trinity Health-Michigan.

- A. Recommendation of Amended and Restated PUD Agreement
- B. Recommendation of Environmental Impact Assessment (dated 3-30-22)
- C. Recommendation of Final PUD site plan (dated 6-22-22)

From Trinity Health, Tom Tocco, Executive Director of Facilities and Construction, John O'Malley, President, Tiffany Spano, Senior Project Manager, and Beck Selter, Project Manager are present. Also attending are Richard Sundquist, Legal Counsel of Trinity Health, and Cindy Pozolo, Dino Lekos and Darin Daguanno from Smith Group on behalf of the petitioner.

Mr. Tocco gave an introduction of the health system and the core values of what is now called Trinity Health. He stated that the Board of Trinity Health is scheduled to review this project in December of 2022 for approval. Dino Lekos, Smith Group, gave an overview of the entire project including the extension of the ring road, improvement to stormwater, parking, and natural features buffer impacts. He stated that there is 8,000 sq. ft. of temporary and 425 sq. ft. of permanent encroachment into the buffer proposed. They are working to mitigate the Fire Department concerns for apparatuses that would travel through the ring road. Darin Daguanno, Smith Group, discussed the area of the addition of the 4 story, nearly 190,000 sq. ft. building and how it is meant to complement the existing building while respecting and enhancing the natural setting of the site. Some of the new features include but are not limited to a courtyard, dining area, on-site farm and walking trails.

Ms. Pozolo gave on overview of the guiding principles for the project with the expanded emergency room, leaving opportunity for growth within the footprint and continuous operations.

Mr. Border reviewed his letter dated July 1, 2022:

- 1. PUD Amendment:
  - a. The applicant must address the comments put forth by Township staff.
  - b. There are several elements of the draft that warrant additional discussions and/or edits such as: natural feature buffer encroachment details, sign standards, building height, banked parking process and to allow an appeal to the ZBA, etc.
- 2. PUD Site Plan:
  - a. Sheet A0.X, which identifies the building material codes, must be provided to the Township.
  - b. The findings of the traffic impact study are subject to review and comment by the Township Engineer.
  - c. Unable to locate details of an enclosure for the refuse area, or for the "architectural covering" noted.
  - d. The applicant must address comments provided by the Township Engineer or Brighton Area Fire Authority regarding public facilities and services.

Ms. Byrne reviewed her letter dated July 6, 2022:

- 1. The Petitioner completed a traffic impact study that recommended multiple offsite improvements to keep the existing intersection operating at a similar or better level of service at the current conditions, and recommended the improvements be made regardless of the proposed hospital. Recommended improvements include signal changes at the intersections of Latson Road and eastbound and westbound I-96 and at the intersection of Latson Road and Grand River Avenue. The study also recommends the widening of the Grand River Avenue and I-96 crossover (near Hilton Road in Brighton) to three lanes. These improvements are something the Township, MDOT, and the City of Brighton should keep in mind.
- 2. A wetland inventory has been completed and added to the plans, and the Petitioner is proposing to waive the 25-foot wetland buffer as part of their PUD Agreement. If a wetland permit is required, approval should be obtained from EGLE for any proposed work within the wetlands and for using the wetlands for detention. This approval should be provided prior to site plan approval.
- 3. The Livingston County Drain Commission (LCDC) was asked to review the plans for the proposed hospital. The LCDC has completed their initial review and no significant issues were found with the proposed storm drainage plan. We do not foresee future reviews from the LCDC causing any major changes to the layout of the site. Approval from the LCDC should be obtained and provided to the Township prior to final approval. If future reviews from either the LCDC or EGLE cause any major changes to the site plan, the Petitioner may be required to submit for additional review and approval.
- 4. After final site plan approval, the Petitioner will need to submit to MHOG Sewer and Water Authority for their approval and permitting of the public water and sanitary sewer improvements.

Chairman Grajak asked if the applicant had received the comments from the Fire Department. The petitioner stated that they are working through the issues with the Brighton Area Fire Authority Fire Marshal's letter dated July 5, 2022 with the Fire Marshal.

Planning Commission July 11, 2022 Approved Minutes

Commissioner McCreary stated that she is concerned about the stormwater draining into Woodland Lake. Mr. Lekos stated there is an existing pipe that drains into an adjacent pond that ultimately ends up in Woodland Lake. The pipe is not functioning properly. They are proposing to replace the existing pipe to restore functionality. They are replacing the same length of the pipe that is existing now.

Commissioner Rauch stated that he also has concerns about any impacts on Woodland Lake. He asked if there are any adverse impacts after the repair of the system to Woodland Lake or the properties around it. Mr. Lekos stated there may be a lack of control now with the pipe that is not working. The new control structure and improvement of the berm will help control the drainage. Commission Rauch asked if staff has received any contact from Brighton Township or Brighton Township residences in regards to this project. He asked staff if they could reach out to Brighton Township. Ms. VanMarter stated that the staff is working closely with the Drain Commissioner's office on the stormwater plan. The Township has deferred review of the stormwater design to the County due to their concerns with drainage and potential impacts to Woodland Lake and Ackerman Lake. Commission Rauch would like to see outreach to Brighton Township and the Drain Commissioner to make sure there will be no adverse impacts to the lake.

Mr. Sundquist reviewed the changes to the PUD Agreement. He indicated that he supplied a revised Agreement to Kelly VanMarter before the meeting and they intend to address the staff comments in regards to the PUD amendment. Ms. Pozolo stated that they will give a maximum height for the building with the screening and rooftop equipment.

Commissioner Rauch indicated that he believes the future addition of parking should have to follow the full site plan review process. He also asked for renderings showing what the new building will look like from the road. Mr. Daguanno responded that the top one story and the screen wall will be visible from Grand River.

Commission Dhaenens asked if the antennae system will be visible and if can be screened. Ms. Pozolo responded that the FAA is currently reviewing the antennae system and it is proposed to be in the northwest corner of the building behind the screen wall. Commissioner Rauch asked for the top height of the screening to be provided. Mr. Daguanno responded that they will provide a maximum height and add the antennas for review prior to approval.

A call to the public was made at 7:38 p.m. with the following response:

Robert Biegas, 1950 Genoa Circle, has concerns about the traffic inside the campus. There is a back up for cars waiting to turn at the light. It typically takes 2 -3 lights to get through to turn left.

The call to the public was closed at 7:41 p.m.

Mr. Lekos stated that they are not proposing any changes to the vehicle stacking at this time. Chairman Grajek asked if the traffic impact study included the proposed apartment project that is scheduled to be heard tonight.

Commissioner Rauch asked for information regarding the dumpster enclosure. Mr. Lekos responded that the trash compactors are self-contained and self-enclosed and will be screened inside the receiving area.

Commissioner Dhaenens stated that the traffic impact study should address the traffic from the proposed 200 apartment unit project that is on the agenda tonight and to address the issue with

Planning Commission July 11, 2022 Approved Minutes

turning left out of the campus. Commissioner Rauch commented that there isn't enough stacking room for left turns before it starts to block the ring road. The applicant should work with their traffic engineer to address the stacking and also to add signs or change the signal timing.

**Moved** by Commissioner Rauch, seconded by Commissioner Dhaenens, to postpone public hearing #1 located at 7575 Grand River Avenue for the consideration of an amendment to the Saint Joseph Mercy Health Planned Unit Development Agreement, final PUD site plan and environmental impact assessment to construct a proposed 186,157 sq. ft. 4-story hospital addition to give the applicant time to update the traffic impact study, update the PUD agreement, contact Livingston County Drain Commissioner and Brighton Township in regards to the drainage into Woodland Lake. **The motion carried unanimously.** 

# **NEW BUSINESS**:

**OPEN PUBLIC HEARING # 2**...Consideration of a special use application, environmental impact assessment and site plan for a contractor's yard with outdoor storage for Two Men and a Truck. The request is located at 840 Victory Drive, west side of Victory Drive, south of Grand River Avenue. The request is petitioned by Alan Oversmith, Two Men and a Truck.

- A. Recommendation of Special Use Application.
- B. Recommendation of Environmental Impact Assessment (dated 6-7-22)
- C. Recommedation of Site Plan (dated 6-7-22)

Jennifer Austin, Boss Engineering and Alan Oversmith, 840 Victory Drive, were present for the petitioner.

Ms. Austin stated that the petitioner is seeking site plan and special use approval. There has been an expansion of parking in the rear of the building. Owner has been asked to obtain approval for the expansion of the parking lot. There is an additional tenant in the building.

Mr. Borden reviewed his letter dated June 22, 2022:

- 1. Section 19.03 General Special Land Use Standards:
  - a. The project is generally consistent with the Master Plan recommendations for this site/area of the Township.
  - b. In order to make favorable findings related to compatibility and impacts, the use conditions of Section 8.02.02(b) need to be met to the Township's satisfaction.
  - c. The applicant must address any comments provided by the Township Engineer and/or Brighton Area Fire Authority regarding public facilities and services.
- 2. Section 8.02.02(b) Use Conditions:
  - a. The Commission may allow gravel surfacing of the outdoor storage area, pending a recommendation from the Township Engineer.
  - b. We suggest the applicant slightly extend the gravel area in the southwest corner to accommodate the truck turning template.
  - c. The Commission may allow existing vegetation to remain in lieu of new buffer zone requirements along the rear and sides of the property.
- 3. Site Plan Review:
  - a. The required parking spaces within the outdoor storage area are surfaced with gravel, which requires Planning Commission approval based on input from the Township Engineer.



October 12, 2022

Township Board of Trustees Genoa Township 2911 Dorr Road Brighton, Michigan 48116

<b>Attention:</b>	Kelly Van Marter, AICP
	Planning Director and Assistant Township Manager
Subject:	St. Joseph Mercy Health System – PUD Amendment and Site Plan Review #5
<b>Location:</b>	7575 Grand River Avenue – north side of Grand River, west of Bendix Road
Zoning:	NRPUD Non-Residential Planned Unit Development

#### Dear Board Members:

As requested, we have reviewed the revised submittal from St. Joseph Mercy Health System requesting an amendment to the approved PUD, as well as PUD site plan review (plans most recently dated 9/16/22).

# A. Summary

# 1. PUD Amendment/Agreement:

- a. The draft PUD Agreement addresses the conditions put forth by the Planning Commission.
- b. The plan sheet reference in Section 2.3.4 (with respect to wetland buffer disturbance) must be corrected.
- c. There is a discrepancy in the parking calculations between the Agreement and plan that must be corrected.
- d. The applicant must address any additional comments provided by Township staff and/or the Township Attorney, including additional comment on project signage.

#### 2. PUD Site Plan:

- a. Building elevation drawings are in accordance with the Planning Commission's previous review and recommendations of approval.
- b. The submittal includes an updated traffic impact study.
- c. The Board should consider any review comments provided by the Township Engineer with respect to the traffic impact study and site engineering.
- d. The Board should consider any review comments provided by the Brighton Area Fire Authority.

#### B. Proposal/Process

The applicant proposes to amend the approved PUD by renovating and expanding an existing hospital building. Per the draft PUD Agreement, the proposed 4-story hospital contains 175,043 square feet of gross floor area.

In accordance with Section 10.11, the PUD amendment requires review and recommendation by the Planning Commission, and final review/approval by the Township Board (including execution of an amended PUD Agreement).

At their August 8, 2022 meeting, the Planning Commission put forth conditional recommendations that the Township Board approve the amended and restated PUD Agreement, as well as the final PUD site plan.

www.safebuilt.com 2



Aerial view of site and surroundings (looking west)

# C. PUD Amendment/Agreement

The current version of the draft PUD Agreement addresses the comments raised by the Planning Commission.

Of note, the following items have been addressed:

- Description of the encroachments into the 25-foot natural feature setback around wetland areas (Section 2.3.4). However, the plan sheet reference (Sheet CG-105) is incorrect.
- Detail on parking calculations for the proposal (Section 4.2.3). However, discrepancies remain between the Agreement and plan (Sheet CS-100). More specifically, the Agreement notes 753 built spaces and 246 unbuilt banked spaces, while the plan indicates 620 new spaces plus 226 spaces to remain (846 built) and 218 unbuilt banked spaces.
- Signage details (Section 5.2). However, Township staff has put forth additional comments as to the need for further clarification and discussion with respect to signage throughout the property.
- Clarification on building height, screen wall height, and height of roof-mounted mechanical equipment (Section 5.3).

## D. PUD Site Plan

1. **Dimensional Requirements.** The proposed building expansion/addition is situated well outside of required setbacks – the smallest of which is nearly 250 feet from the west side lot line. The proposal will be approximately 750 feet from the easterly lot line, which includes existing residential uses.

Provided the Township is amenable to the building height increase proposed as part of the amended PUD Agreement, the plans meet the applicable dimensional requirements.

**2. Buildings.** The proposed building is constructed of various materials, including brick, concrete block, metal and glass.

The renderings depict a mixture of materials and colors, as well as horizontal and vertical features to help break up the overall mass of the building.

**3. Pedestrian Circulation.** The plan includes extension of the existing pedestrian pathway system, which connects parking areas to building entrances. Pedestrian crosswalk striping is also provided at appropriate locations.

Genoa Township Planning Commission **St. Joseph Mercy Health System** PUD Amendment and Site Plan Review #5 Page 3

Per the Township's request, the plan also includes an enhanced path/trail connecting the project area with Woodland Village to the northeast.

**4. Vehicular Circulation.** The project includes completion of a loop road around the entire medical facility, with internal drives connecting the various parking lots. The loop road and internal drive aisles meet or exceed the dimensional standards of the Zoning Ordinance.

The revised submittal includes an updated traffic impact study. We defer to the Township Engineer for review and comment on the updated information.

The Board should consider any additional comments provided by the Township Engineer and/or Brighton Area Fire Authority with respect to vehicular circulation.

**5. Parking.** Per the proposed amendment to the PUD Agreement, parking has been based on the owner's experience with other large medical complexes.

The current submittal corrects the inconsistencies between the draft PUD Agreement and final PUD site plan.

The plan provides 846 spaces with an additional 218 designed as banked parking (southeast of building). As previously noted, these numbers do not correspond to the numbers in the draft PUD Agreement.

Parking spaces comply with the dimensional and design requirements of the Ordinance.

**6. Landscaping and Screening.** The landscape plan includes a significant number of new plantings within the parking lot, along the loop road, around the stormwater ponds, and within a courtyard area between the existing and proposed buildings.

The minor discrepancies previously noted have been corrected, and a masonry screen wall is proposed around the "utility yard" north of the proposed building addition.

- **7. Lighting.** The submittal includes a detailed lighting plan for the project area. Fixture/pole details and light intensities comply with the standards of Section 12.03.
- **8. Grading, Drainage, and Utilities.** We defer to the Township Engineer for review and comment on site engineering elements.

Should you have any questions concerning this matter, please do not hesitate to contact our office.

Respectfully, **SAFEBUILT** 

Brian V. Borden, AICP

Michigan Planning Manager



October 11, 2022

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

Re: St. Joseph Mercy Hospital Site Plan Review No. 5

Dear Ms. Van Marter:

Tetra Tech conducted a fifth review of the proposed St. Joseph Mercy Hospital site plan last dated September 16, 2022. The plans were prepared by SmithGroup on behalf of Trinity Health-Michigan/Saint Joseph Mercy Health System. The site is located on a 77.59-acre parcel on the north side of Grand River Avenue at the existing St. Joseph Mercy Brighton Healthcare. The proposed improvements include a 175,000 square foot hospital expansion at the existing site. Additional improvements include parking lot expansion, storm sewer and bioretention basins, and public water main and sanitary sewer improvements.

Since the Planning Commission meeting on August 8, the plans have been revised to address all of our remaining comments. The Petitioner has received approval from the Livingston County Drain Commission as of September 15, 2022. Additionally, the Petitioner has submitted a Joint Permit Application to EGLE for their proposed wetland impacts and they have sent the most updated plans to EGLE for their approval. Once the EGLE permit has been obtained it should be provided to the Township for their records.

We have no further engineering related concerns to the proposed site plan documents. If you have any questions please call.

Sincerely,

Gary J. Markstrom, P.E.

Vice President

Shelby Byrne, P.E. Project Engineer

# **Kelly VanMarter**

**From:** Rick Boisvert <rboisvert@brightonareafire.com>

**Sent:** Friday, October 7, 2022 3:05 PM **To:** Amy Ruthig; Kelly VanMarter

**Subject:** St. Joes/Trinity Health

Kelly and Amy,

Do you want a new dated letter form me? There are no changes to the plan for me to comment on.

Cordially,

Rick Boisvert, FM, CFPS
Fire Marshal
Brighton Area Fire Authority
615 W. Grand River
Brighton, MI 48116
O: (810)229-6640 D: (810)299-0033
F: (810)229-1619 C: (248)762-7929
rboisvert@brightonareafire.com









# **SMITHGROUP**

September 16, 2022

Kelly VanMarter, AICP
Assistant Township Manager/
Community Development Director
Genoa Charter Township Planning Department
2911 Dorr Road
Brighton, Michigan 48116
kelly@genoa.org

Re: St. Joseph Mercy – Brighton Site Plan Review

7575 Grand River Avenue, Brighton, Michigan

Site Plan Resubmittal No. R4

Dear Ms. VanMarter,

Trinity Health (Owner) and SmithGroup (A-E) are pleased to advise that, on September 16, 2022, we were notified that Livingston County Drain Commission (LCDC) approved the stormwater management design for the St. Joseph Mercy project site located at 7575 Grand River Avenue, Brighton, Michigan. Just as we have provided hard copy record documents to LCDC, we are now providing record documents to Genoa Township in accordance with your email dated August 19, 2017.

Noting that extensive dialogue between LCDC, the Owner and A-E has effected a stormwater management design that enhances stormwater management beyond the project site while also benefitting adjacent properties, we respectfully request that this lengthy, comprehensive approach be recognized and that the St. Joseph Mercy / Trinity Brighton project be brought forth for Genoa Township Board of Trustees approval at the meeting of October 3, 2022.

Please refer to the accompanying list of documents for description of changes associated with them since July 20, 2022.

Thank you for your guidance throughout this process!

Cynthia K. Pozolo, FAIA

utilia L. Porola

Sr. Project Manager, SmithGroup cindy.pozolo@smithgroup.com

Attachment: Summary list of items submitted and associated changes since July 20, 2022.

Cc: SJMH / Trinity – T, Tocco, D. Raymond, R. Selter, T. Spano

Clark Hill - R. Sundquist

SmithGroup - A. Kenyon, D. Lekas, T. Vandermuss, J. Vogt



# **ATTACHMENT**

LIST OF SUBMITTED DOCUMENTS FOR GENOA TOWNSHIP RESUBMITAL NO. 4 SEPTEMBER 16, 2022

DOCUMENT	CHANGES SINCE JULY 20, 2022
02 APPR 2022-0916 LCDC APPROVAL	DOCUMENT NOT PREVIOUSLY SUBMITTED. DOCUMENT CONFIRMS STORMWATER MANAGEMENT APPROVAL BY LIVINGSTON COUNTY DRAIN COMMISSION (LCDC)
03 RECEIPT EMAIL 2022-0915	DOCUMENT NOT PREVIOUSLY SUBMITTED.
MiWATERS (EGLE PERMIT FOR	DOCUMENT CONFIRMS THAT UPDATED RESUBMITTAL HAS
WETLANDS)	BEEN PROVIDED TO MICHIGAN DEPARTMENT OF
	ENVIRONMENT, GREAT LAKES, AND ENERGY. THIS
	RESUBMITTAL ALIGNS WITH SCOPE DELINEATED ON
	ENGINEERING APPROVED BY LCDC.
	SUBMISSION REFERENCE NUMBER: HPK-DJK6-08W6Q
04 PUD AGREEMENT 0-13-2022 v7	THIS FINAL VERSION OF THE PUD INCORPORATES PREVIOUS
AND COMPARISONS.	FEEDBACK PROVIDED BY THE REVIEWERS TO THE PETITIONER.
REFER TO COMPARISON	DETAILED COMPARISON OF CHANGES SINCE THE PREVIOUS
DOCUMENTS FOR TRACKED	DOCUMENT ARE PROVIDED IN ATTACHED COMPARISON PDF
CHANGES THAT DENOTE DOCUMENT	CHANGES FROM THE ORIGINAL PUD ARE ALSO PROVIDED
REVISIONS.	WITHIN A SECOND ATTACHED COMPARISON.
	PRIMARY CHANGES SINCE JULY 20, 2022 DRAFT PUD UPDATE
	ARE:
	BUILDING HEIGHT LIMITS FOR HOSPITAL ADDITION, SINGLE
	STORY EMERGENCY DEPT ADDITION, AND OVERALL BULDING
	HEIGHT INCLUDING ROOFTOP EQUIPMENT.
	PARKING CALCULATION CLARIFIED TO ALIGN WITH
	CALCULATIONS SHOWN ON DRAWING CS-100 (WHICH ALSO
	NOW SHOWS CALCULATIONS ON THE DRAWING). ALSO,
	COMMITMENT THAT ANY FUTURE BUILDOUT OF SPACES WILL
	COME BEFORE PLANNIGN COMMISSION FOR REVIEW.
	UPDATED IDENTIFICATION AND DIRECTIONAL SIGN
	LOCATIONS AND ASSOCIATED DIMENSIONS. SIGNAGE TO
	DELINEATE EMERGENCY DEPARTMENT, MEDICAL OFFICE
	BUILDING ADDRESS, AND NEW HOSPITAL ADDRESS.
	CONFIRMED MAXIMUM DIMENSIONS FOR SITE AND BUILDING
	SIGNAGE.
	LANGUAGE UPDATED IN MULTIPLE LOCATIONS TO
	ACKNOLWEDGE CURRENT REGULATIONS, SUCH AS ZONING
	MAP REVISION DATED SEPTEMBER 4, 2020.

# **SMITHGROUP**

# **ATTACHMENT**

LIST OF SUBMITTED DOCUMENTS FOR GENOA TOWNSHIP RESUBMITAL NO. 4 SEPTEMBER 16, 2022

(Continued) 04 PUD AGREEMENT 0-13-2022 v7 AND COMPARISONS. REFER TO COMPARISON DOCUMENTS FOR TRACKED CHANGES THAT DENOTE DOCUMENT REVISIONS.	LANGUAGE UPDATED TO INCLUDE NEW HOSPITAL DEVELOPMENT, ASSOCIATED PURPOSE, SIZE, SERVICES, AND COMMUNITY BENEFITLANGUAGE UPDATED TO REFERNCE GENOA TOWNSHIP REVIEW COMMENTS PROVIDED AT PLANNING COMMISSION MEETINGS OF JULY 20, 2022 AND AUGUST 8, 2022LANGUAGE ADDED TO REFERENCE NEW EXHIBITS FOR TO NEW HOSPITAL PROJECT, INCLUDING UPDATED SITE PLAN WITH NEGLIGIBLE IMPACT ON WETLANDS.
05 STU 2022-0802 ADDENDUM SJMH BRIGHTON TRAFFIC IMPACT STUDY	REVISED TRAFFIC STUDY WAS DISCUSSED AND ACCEPTED AT PLANNING COMMISSION MEETING OF AUGUST 8, 2022. RESUBMITTED AS REQUESTED. ADDENDUM INCLUDES ANALYSIS OF ADDITIONAL MULTI-FAMILY DEVELOPMENT, AS REQUESTED AFTER PLANNING COMMISSION MEETING OF JULY 20, 2022. NO CHANGES TO TRAFFIC STUDY SINCE AUG 2, 2022.
06 2022_0808 SG BRIGHTON GENOA TOWNSHIP MEETING	THIS POWER POINT EXHIBIT WAS PROVIDED TO THE TOWNSHIP AND PORTIONS WERE REVIEWED DURING THE MEETING OF AUGUST 8, 2022. THIS .pdf DOCUMENT INCLUDES CHANGES AFTER THE JULY 20, 2022 MEETING. THE SLIDE DECK INCLUDES CLARIFICATIONS TO:  - TRAFFIC STUDY, VEHICLE LOAD, AND SITE EGRESS CONDITIONS WERE CLARIFIED AND DISCUSSED IN THE MEETING.  - DETENTION AND STORM SEWER DESIGN UPDATES WERE PROVIDED, INCLUDING CALCULATIONS.  - WETLAND PERMIT STATUS – EGLE; FURTHER UPDATED SINCE AUGUST 8, 2022 MEETING.  - FIRE ACCESS LANE WIDTH NOW SHOWN ON CONSTRUCTION DOCUMENTS  - BUILDING HEIGHT CLARIFIED  - MATERIAL CODES ON SHEET A4.1.1  - RENDERING OF VIEW FROM GRAND RIVER AVE  - ENCLOSURE AT LOADING DOCK  - REVISED PUD LANGUAGE
07 MEM 2022-0824 LCDC STORMWATER REVIEW MEMORANDUM	THIS MEMORANDUM DETAILS OWNER AND A-E'S OFFICIAL RESPONSE TO LCDC REVIEW COMMENTS DATED AUGUST 5, 2022, AS WELL AS ADDITIONAL DISCUSSION FROM MEETING BTWN LCDC, OWNER, AND ARCHITECT-ENGINEER.

## **SMITHGROUP**

### **ATTACHMENT**

LIST OF SUBMITTED DOCUMENTS FOR GENOA TOWNSHIP RESUBMITAL NO. 4 SEPTEMBER 16, 2022

CONFORMED DRAWING SET.
REFER TO SHEET INDEX FOR
COMPREHENSIVE LIST OF
DOCUMENTS BEING INCLUDED FOR
GENOA TOWNSHIP RECORD.

CONFORMED DRAWING SET AS OF GENOA TOWNSHIP RESUBMITTAL DATE OF 9/16/2022.
CHANGES SINCE JULY 20, 2022.

- -UPDATED SURVEY INCLUSIVE OF SURVEY DATA OF 'UNNAMED POND' AT WETLANDS AREA.
- --CIVIL AND LANDSCAPE DRAWINGS THAT INCORPORATE LCDC AND EGLE REVIEW COMMENTS RECEIVED SINCE JULY 20, 2022. REFER TO EXHIBIT '07 MEM 2022-0824...' FOR DETAILED LIST OF CHANGES.
- ----NEW SPILLWAY CONSTRUCTION TO REPLACE EXISTING.
  i.e. REWORK OF EXISTING POND TO INCREASE BERM, REPLACE
  OUTLET STRUCTURE, ACCOMMODATE INCREASED CAPACITY
  ACROSS ENTIRE SITE AT RATE PUBLISHED BY LCDC IN MARCH
  2022. EXPAND RIPRAP AND REWORK PATH AT LOCATION
  WHERE IT CROSSES OVER OUTLET STRUCTURE SO THAT
  COMMUNITY AND MAINTENANCE ACCESS AROUND SITE IS
  MAINTAINED.
- ----ADDED FOREBAY OUTLET CONTROL DEVICE IN POND.
- ----ADDED PLUMBING DRAWING THAT SHOWS INCOMING VOLUME FROM TRENCH DRAIN AT LOADING DOCK.
- ----ADDED ENLARGED SCALE PLANS OF CONTOURS AND LABELED OTHERS TO CLARIFY EXISTING DRAINAGE PATTERNS.
- ----ADDED UPDATED CALCULATION TABLES TO DRAWING SET AT REQUEST OF LCDC. SEPARATE DOCUMENT WITH REVISED CALCUATIONS WILL NOT BE PROVIDED SINCE LCDC CONSULTANT REVIEWER DEMANDS THAT ALL CALCULATIONS ARE PLACED ON DRAWING(S).
- ----UPDATED CALCULATIONS RELATIVE TO EXTENDED AND 100 YEAR ORIFICE DEVICE.

ARCHITECTURAL SHEETS REFLECT MATERIAL AND DIMENSIONAL CLARIFICATIONS DISCUSSED AT PLANNING COMMISSION MEETING OF AUGUST 8, 2022. MATERIALS WERE APPROVED AT MEETING AS PART OF CONDITIONAL APRPOVAL. DRAWINGS ARE BEING RESUBMITTED FOR RECORD PURPOSES.

--ARCHITECTURAL DRAWINGS INCLUDE THE CHANGES

DESCRIBED IN POWER POINT SLIDE DECK

'06 2022\_0808 SG BRIGHTON GENOA TOWNSHIP MEETING'

BUILDING HEIGHT CLARIFIED, MATERIAL CODES, RENDERINGS



### Brian Jonckheere

Livingston County Drain Commissioner 2300 E. Grand River Ave., Ste. 105

Howell, MI 48843-7581

Phone: 517-546-0040 FAX: 517-545-9658 Website: <a href="https://www.livgov.com/drain">www.livgov.com/drain</a> Email: <a href="mailto:drain@livgov.com">drain@livgov.com</a>

September 15, 2022

Mr. Michael Campos SmithGroup 201 Depot St. Ann Arbor, MI 48104

Re: St. Joseph Mercy Brighton Expansion

Construction Plans Resubmittal Northeast 1/4 of Section 13

Genoa Township

Dear Mr. Campos:

I received revised Construction Plans for the above referenced site on August 26, 2022 and again on September 6, 2022. I subsequently received some revised plan sheets via e-mail on September 14, 2022. The submitted information has been reviewed for conformance with the recently updated L.C.D.C. "Procedures and Design Criteria for Stormwater Management Systems" and with our office's latest review letter dated August 5, 2022.

The received plans have adequately addressed the comments in the review letter. I am approving the Construction Plans for St. Joseph Mercy Brighton Expansion dated September 14,2022 subject to a full set of the revised plans being submitted to our office and Environmental Engineers.

As a reminder, a commercial soil erosion and sedimentation permit is required prior to the start of construction.

Very truly yours,

Kenneth E. Recker, II, P.E.

Chief Deputy Drain Commissioner

C: Mike Archinal, Genoa Twp. Manager
Kelly VanMarter, Genoa Twp. Community Development Director
Amy Ruthig, Genoa Township Zoning Official
Paul Lewsley, Environmental Engineers
Jenifer Kern, Genoa Township (MHOG)
Shelby Byrne, TetraTech
Tiffany Spano, St. Joseph Mercy Brighton

From: Fran Thompson

To: <u>Jerry Vogt</u>; <u>Cindy Pozolo</u>; <u>Tony Vandermuss</u>; <u>Woody L. Held</u>

Subject: Fwd: Revised App/Request Receipt Acknowledgement - HPK-DJK6-08W6Q, 47-7575 Grand River Avenue -

Brighton (St. Joseph Mercy Hosp)

**Date:** Friday, September 16, 2022 9:20:35 AM

Tony-

Below is the revised application receipt from MiWaters.

### Get Outlook for iOS

**From:** MiWaters Support <EGLE-WRD-MiWaters@michigan.gov>

**Sent:** Thursday, September 15, 2022 7:09 PM **To:** Fran Thompson <FThompson@barr.com>

Subject: Revised App/Request Receipt Acknowledgement - HPK-DJK6-08W6Q, 47-7575 Grand

River Avenue -Brighton (St. Joseph Mercy Hosp)

### CAUTION: This email originated from outside of your organization.

fthompson@barr.com,

This is to notify you that Michigan Department of Environment, Great Lakes, and Energy has received your revised submission. Details of your submission are presented below:

Form Name: Digital EGLE/USACE Joint Permit Application (JPA) for Inland Lakes and Streams, Great Lakes, Wetlands, Floodplains, Dams, Environmental Areas, High Risk Erosion Areas and Critical Dune Areas

Submission Reference Number: HPK-DJK6-08W6Q

Submission Version Number: 3

System Receipt Date: 9/15/2022 6:55 PM

Facility, Site, or Project Name: 47-7575 Grand River Avenue -Brighton (St.

Joseph Mercy Hosp)

Additional notifications will be sent when key events are recorded or when submission processing milestones are achieved.

You can access MiWaters using the link below if you need to modify your submission.

https://miwaters.deg.state.mi.us/ncore/

### AMENDED AND RESTATED

### PLANNED UNIT DEVELOPMENT AGREEMENT

THIS AMENDED AND RESTATED PLANNED UNIT DEVELOPMENT AGREEMENT (the "<u>Agreement</u>") is made as of \_\_\_\_\_\_, 2022, between the TOWNSHIP OF GENOA, a charter township, whose address is 2911 Dorr Road, Brighton, Michigan 48116 (the "<u>Township</u>") and TRINITY HEALTH-MICHIGAN, d/b/a SAINT JOSEPH MERCY HEALTH SYSTEM, formerly known as MERCY HEALTH SERVICES, a Michigan nonprofit corporation, whose address is 1600 South Canton Center Road, Canton, Michigan 48155 (the "<u>Owner</u>").

### **RECITALS**

- A. The Owner and the Township entered into a Planned Unit Development Agreement dated August 2, 1999 (the "Original PUD"), with respect to the development of property owned by Owner consisting of approximately 77.74 acres of land and located in the Township of Genoa, County of Livingston, State of Michigan, commonly known as 7575 Grand River Avenue (Parcel Identification Number 4711-13-200-009), more particularly described on **Exhibit A** attached hereto (the "Property"). The Original PUD was not recorded with the Livingston County Register of Deeds.
- B. The Original PUD provided that the Owner develop the Property as a "Mixed Use Planned Unit Development District" pursuant to Article 10 of the zoning ordinance of the Township (as amended, the "Ordinance") under the "Conceptual Site Plan" in the form required by the Ordinance and attached as Schedule B to the Original PUD which identified the location and general configuration of each of such uses (the "Conceptual Plan").
- C. The Township determined that the Conceptual Plan (1) properly achieved the purposes of Article 10 of the Ordinance, including the encouragement of innovation in land use, the preservation of open space in areas adjacent to Grand River Avenue to achieve compatibility with adjacent land uses, the promotion of efficient provision of public services and utilities, the reduction of adverse traffic impacts, and the provision of adequate employment, (2) is consistent with the Master Plan and the Grand River Avenue Corridor Study of the Township, and (3) promotes the public health, safety and welfare of the Township.
- D. In accordance with the Ordinance and the requirements of Act No. 184 of the Michigan Public Acts of 1943, as amended (now Act No. 110 of 2006) (the "Act"), the Township

Planning Commission and Township Board of Trustees ("Township Board") approved the Conceptual Plan.

- E. As part of the Original PUD, the Property was rezoned to Non-Residential Planned Unit Development ("NRPUD") in accordance with Section 10 of the Ordinance.
- F. The Property is currently zoned NRPUD as identified in the Township Zoning Map adopted May 2, 2005 and revised September 4, 2020.
- G. In accordance with Section 2.3 of the Original PUD, Owner developed a medical office building and clinic of up to 240,000 gross square feet of floor area, and a second office building of up to 55,000 gross square feet of floor area on the Property (collectively, "Medical Buildings"). The Medical Buildings are located east of the Genoa Business Park. The address for the Medical Buildings is 7575 Grand River, Brighton, Michigan 48114.
- H. In accordance with Section 2.5 of the Original PUD and pursuant to that Ground Lease dated February 1, 2001 recorded at Liber 2901, Page 668, Livingston County Records, between the Owner (as lessor) and Village At Brighton, L.L.C. (now known as Village at Brighton 2, L.L.C. (as lessee) (the "Village"), the Village developed a two-story assisted living and independent living facility now known as "Sanctuary at Woodland" located at 7533 Grand River Avenue, Brighton, Michigan (the "Facility").
- I. The Facility was constructed in 2001 and modified in 2003 and is located on approximately 7.49 acres of the Property. The Facility is licensed for forty (40) assisted living beds in thirty-eight (38) resident rooms and fifty (50) independent living apartment units. The licenses for the Facility are held by Trinity Senior Living Communities.
- J. In connection with the development of the Facility, the Owner granted multiple access and utility easements in the Property to Village ("Village Easements").
- K. The Owner and the Township entered into an Amendment to the Original PUD dated November 13, 2018, and recorded on January 16, 2019, as Document No. 2019R-001392, Livingston County Records ("Amendment") with respect to the then existing entry signage and the installation of new signage along Grand River Avenue. The Amendment was approved by the Township on October 15, 2018. The Original PUD and Amendment are collectively referred to as the "Existing PUD".
- L. On March 30, 2022, the Owner submitted to the Township an Application-Planned Unit Development (PUD) ("PUD Application"). Also, on March 30, 2022 the Owner submitted to the Township an Application for Site Plan Review ("Site Plan Application"). The applications request review and approval of proposed amendments to the Existing PUD along with Final PUD Site Plan authorization for the expansion and renovation of the Medical Buildings ("Project"). The Project is intended to expand community health services to the Brighton, Livingston County, Michigan vicinity and to provide state-of-the art healthcare facilities in the area.
- M. The PUD and Site Plan Applications included all submitted items set forth in Section 10.06 of the Ordinance except the hydrologic impact assessment. The submitted items include but are not limited to, proof of ownership of the Property and Owner authorization,

completed application and application fee, an impact assessment and traffic study meeting the requirements of Article 18 of the Ordinance, a demolition plan, site plan, grading and storm plan, utility plan, landscape plan, site development notes and details, and architectural plans (collectively, the "NRPUD Plans"). For purposes of this Agreement, the NRPUD Plans shall be deemed to be the Final PUD Site Plan attached as **Exhibit B**.

- N. The Project entails the development of a new, four-story hospital addition (with basement) comprising 175,043 square feet and consisting of support spaces, seventy-two (72) inpatient beds, including expanded emergency department services, cafeteria and associated upgrades to existing support spaces and utilities, with expanded capacity for on-site parking. The Project will be located on and attached to the Medical Buildings. The two buildings will be connected to the first and second levels of the Medical Buildings. There will be additions to the existing Medical Buildings to expand the Emergency Department and Outpatient Surgery Services, as well as renovations to the Emergency Department, Outpatient Surgery Services, Imaging and Lab.
- O. In addition to the existing Facility, the Project brings comprehensive health care to the community. In terms of open space, a courtyard shall be provided and a community garden is being considered (as detailed in the NRPUD Plans). The Project includes a creative yet costeffective development of a community hospital addition, including enhanced Emergency Department, the addition of inpatient beds and adjacency to existing facilities which are already familiar to the community. There will be visibility of care center for wellness, acute and chronic health conditions. In addition, the Project shall provide the following community benefits under Section 10.02.05 of the Ordinance: (a) the Project shall maintain 25% of lake and pond areas, 50% of retention and detention ponds, landscaped areas, plazas and residential uses to protect natural habitats and beautification of surrounding areas, (b) provides two (2) additional detention ponds, a walking loop, and potentially, a new community garden, with a natural walkway in the future to connect to the Facility, (c) enhance traffic safety and alleviates further potential for congestion on Grand River by adding a ring road around the facility. This also provides a safer, faster service to buildings on the Property by local authorities, including Brighton Area Fire Authorities, (d) enhances the patient experience upon arrival due to the landscaped features, added signage, increased parking and specialty areas, natural landscape, walking paths and improved routing throughout the facility and adjacent buildings, (e) interior renovation allowing for improved patient flow, experience and ability to provide better service to the community, (f) state of the art equipment and facilities due to new equipment and patient flow and increased efficiency within departments, (g) better service to the community by having all services in one location and in a more accessible location, (h) improved energy efficiency as a result of new equipment and building material, leading to improved sustainability and a decreased carbon footprint, (i) the Project allows for new services to be provided within the existing Medical Buildings to support patient needs at one location, (j) implements improved HVAC and architectural designs to better support pandemic needs as a result of recent COVID experiences, (k) the new addition and design allows for shared central sterile services for in-patient and outpatient surgeries, and (1) allows for redundancies within equipment to alleviate impacts to areas and functions due to shutdowns for maintenance and/or repairs of MEP equipment.
- P. The Township Planning Commission has reviewed the PUD Application, this Agreement, the Site Plan Application, the impact assessment and NRPUD Plans, conducted a

public hearing on August 8, 2022 and recommended approval of the Final PUD Site Plan, this Agreement, the impact assessment and the NRPUD Plans to the Township Board.

Q.	The Township Bo	ard reviev	wed the PU	JD App	olicatio	n, thi	is Agr	eement	t, the Site P	lan
Application, 1	the impact assessm	nent and	NRPUD 1	Plans c	n			,	and provid	ded
conceptual ap	proval pursuant to	Sections	10.04.03,	10.06,	10.07	and	10.08	of the	Ordinance	on

- R. The Ordinance requires the execution of this Agreement in connection with the Project, which agreement shall be binding on the Township and the Owner.
- S. The Township has requested easements be granted to the Township similar to the Village Easements benefitting the Township relative to the existing water and sanitary sewer facilities located on the Property, all in accordance with those requirements specified in the Sewer and Water Connection Manual of Marion, Howell, Oceola and Genoa Sewer and Water Utilities ("MHOG"). See **Exhibit B** for the location of the Village Easements.
- T. In connection with the Project, the hospital use classification for the Property requires mechanical, electrical, plumbing and fire protection design that addresses both code requirements and national certification standards for licensing and operations. Rooftop equipment is, therefore, sized to support *acuity adaptable rooms* in response to standards required for community pandemic response.
- U. The Property is served by public sewer and water. Sanitary sewers and water facilities pertaining to the Project will be reviewed by the Township and MHOG.
- V. To facilitate the Project, the Owner and the Township desire to amend and restate the Existing PUD. The Existing PUD is amended and restated in its entirety by this Agreement and as stated herein.
- NOW, THEREFORE, in consideration of the foregoing and the remaining terms, conditions and covenants hereinafter set forth, the Township and the Owner agree as follows:

### **ARTICLE 1**

### THE CONCEPTUAL PLAN

- 1.1 Representations of Township. The Township warrants and represents to the Owner that (a) the Township has taken all actions necessary to approve the Conceptual Plan, including, without limitation, all required public hearings, notices to nearby landowners, and all other actions required by the Ordinance and the Act, (b) the Township has approved the Conceptual Plan and that no further action to approve the Conceptual Plan is required, (c) all uses contemplated by the Conceptual Plan are authorized by the Ordinance, and (d) the Owner may rely upon this Agreement for purposes of future development of the Property in accord with the Conceptual Plan.
- 1.2 <u>Amendment of Conceptual Plan</u>. The Owner and the Township may only amend the Conceptual Plan as permitted by, and in accord with the procedure therefor set forth in, the Ordinance; provided, however, that the Owner, with approval from the Township, may adjust the

size or shape of the various parcels of the Property dedicated to differing uses so long as any such adjustment does not alter the land use designation for any area of the Property or increase the intensity and/or density of use. In connection with any land division or combination, Owner shall comply with Article 20 (Land Divisions) of the Ordinance.

- 1.3 <u>Site Plan Approvals.</u> Except as otherwise specifically provided in this Agreement, the Owner shall develop the Property only in accord with the Conceptual Plan and subject to site plan approval in accord with the process therefor established in the Ordinance. Each site plan shall superimpose the approved plan of development upon the Conceptual Plan to clearly illustrate the final plan for each portion of the Property. In the event a portion of the Property is submitted for site plan approval and such approval is denied, the party submitting such site plan shall be entitled to appeal such decision to the Township Zoning Board of Appeals as provided by law, and all parties shall agree to proceed expeditiously to final resolution.
- 1.4 <u>Final PUD Site Plan</u>. The Owner shall submit a "Final PUD Site Plan" to the Township within the time limits prescribed by the Ordinance but otherwise determined by the Owner.

#### **ARTICLE 2**

### LAND USE AUTHORIZATION

- 2.1 <u>Phased Development</u>. The Owner plans to further develop the Property in phases. The Medical Building and (assisted living) Facility were constructed as part of the original phases under the Original PUD which included land authorizations for an OSD-Professional Office-Service District and an HDR-High Density Residential (Multi-Family Residential District), and an OSD-Professional Office-Service District. The next phase shall consist of the Project. Additional potential phases may include building a community farm and food hub on the east portion of the Property as described in <u>Exhibit B</u>. Additional projects may be phased and separated as the Owner and Township deem necessary.
- 2.2 <u>Detailed Development</u>. The Owner may, in its discretion, develop the Property in accord with the Conceptual Plan and subject to the obligation to coordinate development of the Property as a whole pursuant to this Agreement. In connection with the discretionary development of the Property, the Owner shall submit to the Township for review and approval a plan in the form required by the Ordinance, including impact assessments required by the Ordinance. The Township shall review each of such plans within a reasonable time.
- 2.3 <u>Permitted Special Uses</u>. The Township acknowledges the Owner's plan to develop expanded medical uses of up to 175,043 gross square feet of floor area and other related improvements as part of Phase 1. Notwithstanding the requirement of a permit for any special land use under the Ordinance, the Township agrees that the following uses shall not require a Special Land Use Permit or fee, or submission of additional application forms beyond those normally required for general site plan approval.
  - 2.3.1 The Medical Buildings developed under the Original PUD.

- 2.3.2 The Project described in Recital N and in the NRPUD Plans.
- 2.3.3 The above ground storage tanks within the Property which will not comply with Section 13.07.01 of the Ordinance, "Above Ground (Fuel) Storage Tanks," based on the nature of the medical facility. Instead, the facility will comply with state and federal codes for fuel oil storage.
- 2.3.4 Those four areas of wetland buffer disturbance required as part of the Project and identified in SmithGroup drawing CG-105 attached as **Exhibit E**. Three of the delineated disturbances are associated with the construction of the storm water management system as part of the Project and are identified as "temporary." After construction, the three areas of temporary disturbance will be returned to and maintained in a natural and undisturbed condition as required by Section 13.02.02 of the Ordinance. The fourth delineated wetland buffer disturbance consists of approximately 3,500 square feet which will be impacted by construction of a retaining wall and ring road. Approximately 425 square feet of this area will be permanently impacted by the new retaining wall and ring road. This area is identified as "permanent." Approximately 3,075 square feet of the impacted area will be returned to and maintained in a natural and undisturbed condition.
- 2.4 Open Space. The Owner shall develop a minimum of 50% of the Property as open/residential space, defined as undisturbed areas of key natural features, 25% of lake and pond areas, 50% of retention and/or detention ponds, landscaped areas, plazas, and residential uses. **Exhibit B** shows the calculation and location of open/residential space as shown on the Conceptual Plan.
  - 2.4.1 <u>Wetlands</u>. In accordance with requirements of local municipal fire marshal requirements for continuous perimeter access to expanded land use for a community hospital, a loop fire ring road will be provided. Final construction of the wetland boundary north of loop fire ring road improvements within State of Michigan Department of Environment, Great Lakes and Energy ("<u>EGLE</u>") regulated wetlands shall be installed or constructed upon receiving necessary approvals of EGLE, and in accordance with all applicable EGLE rules and regulations, to comply with the State and Federal codes. See Exhibit E (refenced in Section 2.3.4 above).

### **ARTICLE 3**

### ACCESS TO AND WITHIN THE PROPERTY

3.1 <u>Traffic Impact Study</u>. The Owner shall submit to the Township for review and approval a traffic impact study as required by Articles 10 and 18 of the Ordinance. Such study shall evaluate the impact of the planned development of the Property at each access point and existing adjacent major intersections, specifically including any intersections where traffic from the Property will comprise at least five percent (5%) of the existing intersection capacity. Such

study shall also include proposals to mitigate any adverse impact of such development identified by the study and describe timing and responsibility for funding any improvements designed to implement any such proposals. The Owner shall provide an updated Traffic Impact Study at each phase of the development. At such time as the Township and Livingston County Road Commission determine that a signal is warranted at either entry to the Property, the Owner shall fund the installation of said traffic signal and such other traffic mitigation measures as are required by its development of the Property. However, nothing in this Agreement shall require the Owner to pay more than its pro-rata share of improvements as determined by the proportion of total traffic increase which is generated by developments on the Property.

- 3.2 Access to the Property. Access to the Property shall be limited to two major entrances from Grand River Avenue. Both access points shall be full movement, with Grand River Avenue ingress and egress from both directions. The Township will only consider additional access points if spaced a safe distance apart and a traffic impact study submitted by the Owner demonstrates that overall traffic operations and safety will be improved. The Owner shall determine the specific location of permitted access points utilizing safety standards established and approved by the Township and the Livingston County Road Commission. The Owner shall also locate access points such distances from existing signalized intersections to ensure sound traffic operations if the access points are signalized. The site design for the Property shall direct traffic flow to use the main access points to public thoroughfares. Stacking or queuing depth at access points shall be sufficient to accommodate expected peak hour volumes to minimize conflict with inbound or internal circulation.
- 3.3 <u>Internal Roadways</u>. The Owner shall plan and establish an internal system of vehicular thoroughfares throughout the Property in connection with development of portions of the Property as it occurs. The Owner shall design internal roads in such a way as to permit vehicular access between and among users of the Property, as ultimately developed, with the view and intent of minimizing the number of traffic movements onto adjoining public roads. The Township shall review and approve the precise locations and design of the overall system of internal thoroughfares as each site plan for development of portions of the Property is submitted to the Township for approval, taking into consideration the uncertainty of the development of the then undeveloped portions of the Property.
- 3.4 <u>Pedestrian Walkways</u>. The Owner has constructed a pedestrian walkway along Grand River Avenue that conforms with the Grand River Corridor Plan of the Township. The Owner shall also construct pedestrian walkways between each building and the parking area(s) that serve each such building, as the Property is developed. The pedestrian walkway will conform to the walkway plan shown conceptually in the Final PUD Site Plan. The Township and Owner agree that the purpose of any such pedestrian walkways is to serve the business needs of the Owner and other occupants of buildings on the Property, and to encourage recreational pedestrian use by the general public.

### **ARTICLE 4**

### **SITE IMPROVEMENTS**

- 4.1 <u>Coordination of Site Improvements</u>. The Owner shall coordinate the construction of site improvements within the Property as a whole to ensure that site improvements are integrated and mutually supportive among the respective portions of phases of development of the Property, including utilities, landscaping, and site lighting.
- 4.2 <u>General Guidelines</u>. The Owner shall observe the following guidelines in connection with the construction of site improvements on the Property:
  - 4.2.1 Site design and landscaping shall diminish the prominence of parking lots as viewed from public roads, consistent with the need to orient visitors to parking areas.

    the project and the existing medical buildings
  - 4.2.2 Extensive greenways and tree-lined drives shall be located within parking lots to improve traffic operations and views.
  - 4.2.3 Consistent with the Owner's experience developing large-scale hospital, clinical and medical office facilities, parking for Phase I and Project uses shall be at the ratio of one (1) space for each two hundred seventy-five square feet (275 SF) of eighty percent (80%) of gross building area. A minimum of 618 parking spaces are required. Owner will provide 753 built parking spaces and 246 unbuilt banked parking spaces. Development of the banked parking spaces shall be subject to Planning Commission approval.
  - 4.2.4 Any storm water control devices visible from public streets shall have a maximum 6:1 slope (so as to not require a fence according to the Livingston County Drain Commission) and be designed to have a naturalistic appearance, such as variable shape, natural arrangement of landscape materials.
  - 4.2.5 Landscaping shall demonstrate consistency in design and materials.
  - 4.2.6 Site lighting shall be of a uniform type and color throughout.
- 4.3 <u>Maintenance</u>. The Owner shall be responsible for ongoing maintenance and repair or replacement of site design elements, such as open spaces, signage, landscaping, lighting, and pavement markings. Except as otherwise provided herein, the Owner shall be responsible for maintenance and repair or replacement of facilities serving the entire Property such as stormwater control devices and any roadways within the Property.
- 4.4 <u>Residential Buffer Zone</u>. The Owner shall create and maintain a buffer zone between the residential portion of the property and the adjacent residential properties to the north and east. The buffer zone shall be seventy-five (75) feet deep and shall preserve existing large trees in the zone along the north and east boundaries of the Property. The Owner shall provide a sculptured six to eight foot (6 ft.-8 ft.) high berm, interspersed among existing trees. The Owner

This continues to be inconsistent with the plans. The site plan indicates that 952 spaces are required, with 620 proposed as new, 226 existing to remain and 218 to be banked for a total of 1064 parking spaces

provided (banked

and planned to construct).

shall provide one (1) canopy tree, two (2) evergreen trees, and four (4) shrubs for every twenty (20) lineal feet along the property line of the residential building zone as shown in the Final PUD Site Plan. There shall be a credit of two (2) canopy trees for every existing canopy tree of eight (8) inches diameter or greater. The Owner shall also be permitted to substitute one (1) evergreen tree for five (5) shrubs, or one (1) canopy tree for eight (8) shrubs to develop an aesthetically pleasing landscape buffer.

### **ARTICLE 5**

### DESIGN OF BUILDINGS AND SIGNAGE

- 5.1 <u>Building</u>. The architecture, building materials, colors, and shapes of all buildings shall substantially conform with the guidelines set forth in the Grand River Corridor Plan, as it may be reasonably amended. The Owner shall develop buildings on the Property that incorporate varying building lines, natural earth tone construction materials, and other elements that are aesthetically pleasing. The Owner shall follow the following general guidelines:
  - 5.1.1. large walls shall include varying building lines, setbacks, color accents, windows, or other elements to upgrade appearance;
  - 5.1.2 each site plan shall include a narrative or illustration(s) that demonstrate the design of new buildings will be consistent with, or complement, architecture of the other sites;
  - 5.1.3 buildings shall use high quality architecture with variable building lines, architectural accents, and, with the exception of the hospital addition which is part of the Project, pitched roof buildings shall be required.
  - 5.1.4 brick or stone shall be used for all building faces;
  - 5.1.5 other materials may be used for architectural accents, provided such materials shall have the appearance of cut or cast stone or stucco;
  - 5.1.6 out-parcel office buildings shall treat all exterior wall surfaces with at least eighty percent (80%) natural materials; and
  - 5.1.7 residential buildings shall be permitted to use siding for up to fifty percent (50%) of exterior wall surfaces.
- 5.2 <u>Signage</u>. Consistent with the Owner's experience developing large-scale hospital, clinical, and medical office facilities, signage within the Property will provide clear and safe wayfinding deemed necessary to best serve the community. Signage shall have materials, lighting, and mounting that is in line with the stated goal. Variations beyond approximate limits identified herein will be reviewed for approval with the Township as required by the Ordinance. Other than those sign dimensions and numbers specified in this Section 5.2, Owner shall comply with the sign standards in the Ordinance. Consistent with Table 16.1, footnote (7) of the Ordinance, the following signs shall be permitted on the Property:

The Village is the Assisted Living Facility in the back What do you consider the entrance to the Village? Why are there 4 signs at the entrance to the village? Are 2 monument signs, 1 pole sign and 1 directional sign really necessary?

Clarify the type of sign for the directional sign - are they monument or pole sign? Is this the same as wayfinding signs? What is a post and panel sign? Is that a pole sign.

- one monument sign near the main entrance to Woodland Village, with a maximum neight of 72 inches and maximum width of 72 inches; and
- 5.2.2 one monument sign at the main entrance to Woodland Village with a maximum height of 40 1/8" and maximum width of 92"; and
- 5.2.3 one post and panel sign at the main entrance to Woodland Village with a maximum height of 36" and maximum width of 42"; and
- one directional sign near the main entrance to Woodland Village with a maximum height of 16" and maximum width of 25.5"; and
- 5.2.5 one directional sign near the main entrance with a maximum height of 7° 0" and maximum width of 7° 0: and

What is considered the main entrance?
Consider including a plan to show locations of these signs.

- 5.2.6 two directional signs within the beltway with a maximum height of 4' 11' and maximum width of 4' 7"; and
- 5.2.7 two wall signs on building front facades with a maximum height of 37' 1/4" in height and maximum width of 30' 5-1/2"; and
- 5.2.8 four directional signs near the building entrance with a maximum height of 2' 9" and maximum width of 4' 0"; and

Reminder - this PUD applies to the entire property. Are these 2 wall signs in addition to the existing signs or in place of? That should be clarified.

- one post and panel sign within the beltway with a maximum height of 1' 10 ½" and maximum width of 2' 5 ½"; and
- 5.2.10 One (1) monument sign at the central entry (main entrance) from Grand River Avenue with a maximum height of no more than 13' 0" and maximum width of 6' 6"; and
- 5.2.11 Such other signs as may be required in connection with Owner's addition of medical services and as otherwise may be required by state and federal regulatory bodies or as may be required for emergent health care situation provided such signs comply with the Ordinance.
- 5.3 <u>Building Height</u>. The Owner shall be permitted to erect the hospital services portion of the addition as a four (4) story building with a general roof height not to exceed approximately sixty-four (64) feet from the first level finished floor to the top of the parapet (64' 0" AFF) measured as indicated in the Ordinance. The Owner shall be permitted to erect a roof mounted screen wall on the hospital services portion of the addition with a general height of approximately seventy-five feet eight inches (75' 8") from the first level finished floor to the top of the screen wall (75' 8" AFF) measured as indicated in the Ordinance. The Owner shall be permitted to erect a roof mounted mechanical unit on the hospital services portion of the addition with a general height of approximately eighty feet two inches (80' 2") from the first level finished floor to the top of the screen wall (80' 2" AFF) measured as indicated in the Ordinance. The Owner shall be permitted to build a connector of the existing medical office building to the hospital addition as a two (2) story addition with a general roof height of approximately thirty-two (32) feet

from the first level finished floor to the top of the parapet (32' 0" AFF) measured as indicated in the Ordinance. Roof-mounted equipment on the hospital addition may not exceed seventeen (17) feet and fifteen percent (15%) of the total roof area on the entire building. All other buildings on the Property shall meet the specific height limitations required by the Ordinance for the respective type of building. Variations beyond approximate limits identified herein will be reviewed for approval with the Township in accordance with Section 10.11 of the Ordinance. All elevations and heights referenced in this Section 5.3 are derived from Owner's Basis of Design documents and subject to industry-accepted construction tolerances.

### **ARTICLE 6**

### **UTILITIES**

- 6.1 <u>Water</u>. Each office and residential parcel/use on the Property must connect to the community water system. The Owner shall submit a master water plan for the Property as an attachment to the Final PUD Site Plan for approval by the Township and its Engineers. The Owner shall install and pay the cost of the internal water main for each developed portion of the Property prior to or concurrent with the site plan approval for such development.
- 6.2 <u>Sanitary Sewer.</u> All of the office and residential buildings constructed on the Property shall, as developed, be connected to and be served by the public sanitary sewer systems. The Township represents that there has been reserved for the Owner adequate municipal wastewater treatment capacity to service the approved use of the Property, and the adequacy of wastewater treatment capacity shall not limit the type of use or density of the development based on the Conceptual Plan. The Owner shall install and pay the cost of the infrastructure required by the Township and its engineers to connect the Property and additional improvements to the public sanitary sewer system.
- 6.3 <u>Electrical</u>. All electrical lines serving the buildings on the Property shall be underground. Public utility lines in existing or future easements shall be permitted overhead so long as the buildings are serviced from underground.
- 6.4 <u>Fees</u>. Fees, charges, and costs for utilities shall be as set forth in the REU Analysis/Memorandum of March 8, 2022 attached as <u>Exhibit C</u>. The connection fee for both water and sewer may be amended on a district-wide basis from time to time which shall be the then-prevailing rate of connection cost/REU, per connection, as set forth in the Equivalent User Table of the Genoa Charter Township as the same may be amended from time to time.
- 6.5 The above ground storage tanks within the Property will not comply with Section 13.07.01 of the Ordinance, "Above Ground (Fuel) Storage Tanks," based on the nature of the medical facility. Instead, the facility will comply with state and federal codes for fuel oil storage.
- 6.6 The Owner shall grant and convey easements on the Property to the Township or the authority designated by the Township to allow for ingress and egress for the maintenance, repair, improvement or replacement of the public sewer and water system including those reflected in the existing Village Easements.

6.7 Upon completion of the water and sewer infrastructure and the approval of the Township, the Owner will convey the infrastructure (the sanitary sewer, the water mains and their appurtenant components), excluding the leads, to the Township. The Township will then be responsible for the maintenance, repair, improvement and replacement of the infrastructure. The Owner and its successors in interest will be responsible for the perpetual maintenance, repair, improvement and replacement of the leads for both the water and the sewer extending from the [curb] to the buildings.

### **ARTICLE 7**

### **MISCELLANEOUS**

- 7.1 <u>Amendment</u>. This Agreement may not be modified, replaced, amended or terminated without the prior written consent of the parties to this Agreement.
- 7.2 <u>Binding Effect</u>. This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective legal representatives, successors, and assigns. The rights and obligations under this Agreement shall run with the Property and shall bind and inure to the benefit of any successors-in-interest of the Owner in the Property.
- 7.3 <u>Controlling Effect</u>. In the event of any direct conflict between the terms and provisions of this Agreement and the Conceptual Plan, and the provisions of the Ordinance, or other Township ordinances, rules, or regulations, the provisions of this Agreement and the Conceptual Plan shall control.
- 7.4 Conditions Reasonable. The Owner acknowledges that the conditions imposed by this Agreement upon the development of the Property are reasonable and necessary to ensure that public services and facilities affected by the proposed land use or activity will be capable of accommodating increased service and facility loads caused by the land use or activity, to protect the natural environment and conserve natural resources and energy, to ensure compatibility with adjacent used of land, and to promote the use of land in a socially and economically desirable manner. The Owner further acknowledges that the conditions meet all of the requirements of MCL 125.3503.
- 7.5 <u>Governing Law</u>. This Agreement shall be governed by and construed in accordance with the laws of the State of Michigan, without giving effect to principles of conflicts of law.
- 7.6 <u>Counterparts</u>. This Agreement may be executed in one or more counterparts, each of which shall constitute an original, and all of which shall constitute one and the same agreement.
- 7.7 <u>Plans and Drawings</u>. The plans and drawings listed in <u>Exhibit D</u> are attached to and made a part of this Agreement.
- 7.8 <u>Sale</u>. In the event that a portion of the Property is sold to another entity, coordination and control of the Property will be up to the determination of the current Owner at the time of the sale.

- 7.9 The terms of this Agreement, as hereby amended, shall run with the land and shall be recorded on title to the Property with the Livingston County Register of Deeds.
- 7.10 References in this Agreement to activities by the Owner in relation to development is intended to include Owner's transferees and assigns unless context dictates to the contrary.

[Remainder of Page Intentionally Left Blank.]

This Agreement has been executed by a duly authorized representative of the Owner as of the date first set forth above.

	TRINITY HEALTH-MICHIGAN, d/b/a SAINT JOSEPH MERCY HEALTH SYSTEM, formerly known as MERCY HEALTH SERVICES, a Michigan nonprofit corporation
	By: [Printed Name] Its:
STATE OF MICHIGAN ) ss.	
COUNTY OF) ss.	
The foregoing instrument was acknowledged, the	before me this day of, 2022, by
MICHIGAN, d/b/a SAINT JOSEPH MERCY H HEALTH SERVICES, a Michigan nonprofit con	· · · · · · · · · · · · · · · · · · ·
	Notary Public County, Michigan Acting in County, Michigan My Commission Expires:

[Signatures Continued on the Following Page.]

APPROVED by the Township Board for C 2022, at a meeting duly called and held.	Genoa Charter Township on the day of
	GENOA CHARTER TOWNSHIP, a Michigan charter township
	By: [Printed Name] Its: Supervisor
	By: [Printed Name] Its: Clerk
STATE OF MICHIGAN )	
STATE OF MICHIGAN ) ss. COUNTY OF )	
The foregoing instrument was acknowled	ged before me this day of, 2022, by
GENOA CHARTER TOWNSHIP, a Mich	the Supervisor and Clerk, respectively, of igan charter township, on behalf of said Township.
	Notary Public County, Michigan Acting in County, Michigan My Commission Expires:
Drafted by:	When Recorded, Return to:
Richard A. Sundquist Clark Hill PLC 500 Woodward Avenue, Suite 3500 Detroit, Michigan 48226 (313) 965-8227 rsundquist@clarkhill.com	

### **EXHIBIT A**

### LEGAL DESCRIPTION OF THE PROPERTY

Commencing at the Northeast Corner of Section 13, Town 2 North, Range 5 East, Genoa Township, Livingston County, Michigan; thence S 89°38'11" W 1355.85 feet (recorded as N 87°59'50" W 1355.93 feet) along the North line of said Section 13 for a PLACE OF BEGINNING; thence S 02°11'38" E 763.41 feet (recorded as S 00°08'31" E 763.54 feet); thence N 87°56'59" E 6.62 feet (recorded as S 89°20'22" E 6.57 feet); thence S 02°09'04' E 1733.44 feet; thence S 86°51'52" W 7.47 feet (recorded as S 89°16'32" W 7.47 feet); thence S 03°08'08" E 92.85 feet (recorded as S 00°38'37" E 92.41 feet); thence S 89°29'10" W 38.78 feet (recorded as N 88°05'08" W 38.78 feet); thence S 03°08'08" E (recorded as S 00°30'54" E) 176.36 feet; thence N 69°43'30" W 1410.63 feet (recorded as N 67°17'30" W 1402.44 feet) along the Northerly Right-of-Way of Grand River Avenue; thence N 02 °12'10" W 2268.75 feet along the North-South 1/4 line to the North 1/4 Corner of said Section 13; thence N 89°38'11" E 1341.07 feet (recorded as S 87°54'35" E 1341.18 feet) along the North line of said Section 13 to the Place of Beginning. Being a part of the Northeast 1/4 and the Southeast 1/4 of Section 13, Town 2 North, Range 5 East, Genoa Township, Livingston County, Michigan. Containing 77.74 acres of land, more or less. Being subject to easements and restrictions of record, if any.

### **EXHIBIT B**

### NRPUD PLANS

The NRPUD Plans showing the ex	xisting (already improved) facilities including the	Medical
Buildings and the Facility as well as	s the proposed new hospital and expansion areas	is attached
to this Agreement as Sheet	which also identifies a future community farm.	Sheet
attached iden	tifies the existing Village Easements.	

### **EXHIBIT C**

### FEES, CHARGES, AND COSTS FOR UTILITIES

See attached pages.

### **EXHIBIT D**

# LIST OF ADDITIONAL PLANS AND DRAWINGS MADE A PART OF THIS AGREEMENT

•	Renderings	of	existing	facilities	and	proposed	expansion	and	renovation	of	existing
	Medical Bui	ngs.									

### **EXHIBIT E**

### WETLAND BUFFER ENCROACHMENTS

See attached page.

### **AGREEMENT**

### **AMENDED AND RESTATED**

### PLANNED UNIT DEVELOPMENT AGREEMENT

THIS <u>AMENDED AND RESTATED PLANNED UNIT DEVELOPMENT AGREEMENT</u> (the "<u>Agreement</u>") is made as of <u>AUGUST 2</u> , <u>19992022</u>, between <u>the TOWNSHIP OF GENOA</u>, a <u>general law Township charter township</u>, whose address is 2911 Dorr Road, Brighton, Michigan 48116 (the "<u>Township</u>") and <u>TRINITY HEALTH-MICHIGAN</u>, <u>d/b/a SAINT JOSEPH MERCY HEALTH SYSTEM</u>, formerly known as MERCY HEALTH SERVICES, a Michigan nonprofit corporation, whose address is <u>5301 E. Huron River Drive</u>, <u>P.O. Box 992</u>, <u>Ann Arbor 1600 South Canton Center Road</u>, <u>Canton</u>, Michigan <u>4810648155</u> (the "<u>Owner</u>").

### RECITALS

- <u>A.</u> The Owner owns that certain real property and the Township entered into a Planned Unit Development Agreement dated August 2, 1999 (the "Original PUD"), with respect to the development of property owned by Owner consisting of approximately 77.74 acres of land and located in the Township of Genoa, County of Livingston, State of Michigan, commonly known as 7575 Grand River Avenue (Parcel Identification Number 4711-13-200-009), more particularly described on Schedule Exhibit A attached hereto (the "'Property"). The Original PUD was not recorded with the Livingston County Register of Deeds.
- <u>B.</u> The <u>Original PUD provided that the Owner desires to develop the Property</u>, as a <u>"""</u>Mixed Use Planned Unit Development District" <u>under" pursuant to Article 10</u> of the zoning ordinance of the Township (as amended, the <u>"""Ordinance""</u>) under the <u>"""Conceptual Site Plan""</u> in the form required by the Ordinance and attached <u>hereto</u> as Schedule B <u>to the Original PUD</u> which <u>identifies identified</u> the location and general configuration of each of such uses (the <u>"""Conceptual Plan"</u>").
- <u>C.</u> The Township <u>has</u> determined that the Conceptual Plan (a1) properly achieves achieved the purposes of Article 10 of the Ordinance, including the encouragement of innovation in land use, the preservation of open space in areas adjacent to Grand River Avenue in order to achieve compatibility with adjacent land uses, the promotion of efficient provision of public services and utilities, the reduction of adverse traffic impacts, and the provision of adequate employment, (b2) is consistent with the Master Plan and the Grand River Avenue Corridor Study of the Township, and (3) promotes the public health, safety—and welfare of the Township.

- <u>D.</u> In <u>accordance</u> with the Ordinance and the requirements of Act No. 184 of the Michigan Public Acts of 1943, as amended (the "now Act"), the planning commission No. 110 of 2006) (the "Act"), the Township Planning Commission and Township Board have of Trustees ("Township Board") approved the Conceptual Plan.
- E. As part of the Original PUD, the Property was rezoned to Non-Residential Planned Unit Development ("NRPUD") in accordance with Section 10 of the Ordinance.
- <u>F.</u> <u>The Property is currently zoned NRPUD as identified in the Township Zoning Map adopted May 2, 2005 and revised September 4, 2020.</u>
- G. In accordance with Section 2.3 of the Original PUD, Owner developed a medical office building and clinic of up to 240,000 gross square feet of floor area, and a second office building of up to 55,000 gross square feet of floor area on the Property (collectively, "Medical Buildings"). The Medical Buildings are located east of the Genoa Business Park. The address for the Medical Buildings is 7575 Grand River, Brighton, Michigan 48114.
- H. In accordance with Section 2.5 of the Original PUD and pursuant to that Ground Lease dated February 1, 2001 recorded at Liber 2901, Page 668, Livingston County Records, between the Owner (as lessor) and Village At Brighton, L.L.C. (now known as Village at Brighton 2, L.L.C. (as lessee) (the "Village"), the Village developed a two-story assisted living and independent living facility now known as "Sanctuary at Woodland" located at 7533 Grand River Avenue, Brighton, Michigan (the "Facility").
- I. The Facility was constructed in 2001 and modified in 2003 and is located on approximately 7.49 acres of the Property. The Facility is licensed for forty (40) assisted living beds in thirty-eight (38) resident rooms and fifty (50) independent living apartment units. The licenses for the Facility are held by Trinity Senior Living Communities.
- J. In connection with the development of the Facility, the Owner granted multiple access and utility easements in the Property to Village ("Village Easements").
- K. The Owner and the Township entered into an Amendment to the Original PUD dated November 13, 2018, and recorded on January 16, 2019, as Document No. 2019R-001392, Livingston County Records ("Amendment") with respect to the then existing entry signage and the installation of new signage along Grand River Avenue. The Amendment was approved by the Township on October 15, 2018. The Original PUD and Amendment are collectively referred to as the "Existing PUD".
- L. On March 30, 2022, the Owner submitted to the Township an Application-Planned Unit Development (PUD) ("PUD Application"). Also, on March 30, 2022 the Owner submitted to the Township an Application for Site Plan Review ("Site Plan Application"). The applications request review and approval of proposed amendments to the Existing PUD along with Final PUD Site Plan authorization for the expansion and renovation of the Medical Buildings ("Project"). The Project is intended to expand community health services to the Brighton, Livingston County, Michigan vicinity and to provide state-of-the art healthcare facilities in the area.
- M. The PUD and Site Plan Applications included all submitted items set forth in Section 10.06 of the Ordinance except the hydrologic impact assessment. The submitted items include but

are not limited to, proof of ownership of the Property and Owner authorization, completed application and application fee, an impact assessment and traffic study meeting the requirements of Article 18 of the Ordinance, a demolition plan, site plan, grading and storm plan, utility plan, landscape plan, site development notes and details, and architectural plans (collectively, the "NRPUD Plans"). For purposes of this Agreement, the NRPUD Plans shall be deemed to be the Final PUD Site Plan attached as **Exhibit B**.

- N. The Project entails the development of a new, four-story hospital addition (with basement) comprising 175,043 square feet and consisting of support spaces, seventy-two (72) inpatient beds, including expanded emergency department services, cafeteria and associated upgrades to existing support spaces and utilities, with expanded capacity for on-site parking. The Project will be located on and attached to the Medical Buildings. The two buildings will be connected to the first and second levels of the Medical Buildings. There will be additions to the existing Medical Buildings to expand the Emergency Department and Outpatient Surgery Services, as well as renovations to the Emergency Department, Outpatient Surgery Services, Imaging and Lab.
- O. In addition to the existing Facility, the Project brings comprehensive health care to the community. In terms of open space, a courtyard shall be provided and a community garden is being considered (as detailed in the NRPUD Plans). The Project includes a creative yet costeffective development of a community hospital addition, including enhanced Emergency Department, the addition of inpatient beds and adjacency to existing facilities which are already familiar to the community. There will be visibility of care center for wellness, acute and chronic health conditions. In addition, the Project shall provide the following community benefits under Section 10.02.05 of the Ordinance: (a) the Project shall maintain 25% of lake and pond areas, 50% of retention and detention ponds, landscaped areas, plazas and residential uses to protect natural habitats and beautification of surrounding areas, (b) provides two (2) additional detention ponds, a walking loop, and potentially, a new community garden, with a natural walkway in the future to connect to the Facility, (c) enhance traffic safety and alleviates further potential for congestion on Grand River by adding a ring road around the facility. This also provides a safer, faster service to buildings on the Property by local authorities, including Brighton Area Fire Authorities, (d) enhances the patient experience upon arrival due to the landscaped features, added signage, increased parking and specialty areas, natural landscape, walking paths and improved routing throughout the facility and adjacent buildings, (e) interior renovation allowing for improved patient flow, experience and ability to provide better service to the community, (f) state of the art equipment and facilities due to new equipment and patient flow and increased efficiency within departments, (g) better service to the community by having all services in one location and in a more accessible location, (h) improved energy efficiency as a result of new equipment and building material, leading to improved sustainability and a decreased carbon footprint, (i) the Project allows for new services to be provided within the existing Medical Buildings to support patient needs at one location, (i) implements improved HVAC and architectural designs to better support pandemic needs as a result of recent COVID experiences, (k) the new addition and design allows for shared central sterile services for in-patient and outpatient surgeries, and (1) allows for redundancies within equipment to alleviate impacts to areas and functions due to shutdowns for maintenance and/or repairs of MEP equipment.
- P. The Township Planning Commission has reviewed the PUD Application, this Agreement, the Site Plan Application, the impact assessment and NRPUD Plans, conducted a public

hearing on August 8, 2022 and recommended approval of the Final PUD Site Plan, this Agreement, the impact assessment and the NRPUD Plans to the Township Board.

Q. The Township Board reviewed the PUD Application, this Agreement, the Site Plan Application, the impact assessment and NRPUD Plans on \_\_\_\_\_\_\_, and provided conceptual approval pursuant to Sections 10.04.03, 10.06, 10.07 and 10.08 of the Ordinance on

- R. The Ordinance requires the execution of this Agreement in connection with the Project, which agreement shall be binding on the Township and the Owner.
- S. The Township has requested easements be granted to the Township similar to the Village Easements benefitting the Township relative to the existing water and sanitary sewer facilities located on the Property, all in accordance with those requirements specified in the Sewer and Water Connection Manual of Marion, Howell, Oceola and Genoa Sewer and Water Utilities ("MHOG"). See **Exhibit B** for the location of the Village Easements.
- T. In connection with the Project, the hospital use classification for the Property requires mechanical, electrical, plumbing and fire protection design that addresses both code requirements and national certification standards for licensing and operations. Rooftop equipment is, therefore, sized to support *acuity adaptable rooms* in response to standards required for community pandemic response.
- <u>U.</u> <u>The Property is served by public sewer and water. Sanitary sewers and water facilities pertaining to the Project will be reviewed by the Township and MHOG.</u>
- <u>V.</u> <u>To facilitate the Project, the Owner and the Township desire to amend and restate the Existing PUD. The Existing PUD is amended and restated in its entirety by this Agreement and as stated herein.</u>

NOW, THEREFORE, in consideration of the foregoing and the remaining terms, conditions and covenants hereinafter set forth, the Township and the Owner agree as follows:

### **ARTICLE 1**

### THE CONCEPTUAL PLAN

- 1.1 Representations of Township. The Township warrants and represents to the Owner that (a) the Township has taken all actions necessary to approve the Conceptual Plan, including, without limitation, all required public hearings, notices to nearby landowners, and all other actions required by the Ordinance and the Act, (b) the Township has approved the Conceptual Plan and that no further action to approve the Conceptual Plan is required, (c) all uses contemplated by the Conceptual Plan are authorized by the Ordinance, and (d) the Owner may rely upon this Agreement for purposes of future development of the Property in accord with the Conceptual Plan.
- 1.2 <u>Amendment of Conceptual Plan</u>. The Owner and the Township may only amend the Conceptual Plan as permitted by, and in accord with the procedure therefor set forth in, the Ordinance; provided, however, that the Owner, with approval from the Township, may adjust the size or shape of the various parcels of the Property dedicated to differing uses so long as any such

adjustment does not alter the land use designation for any area of the Property or increase the intensity and/or density of use. <u>In connection with any land division or combination, Owner shall comply with Article 20 (Land Divisions) of the Ordinance.</u>

- 1.3 <u>Site Plan Approvals</u>. Except as otherwise specifically provided in this Agreement, the Owner shall develop the Property only in accord with the Conceptual Plan and subject to site plan approval in accord with the process therefor established in the Ordinance. Each site plan shall superimpose the approved plan of development upon the Conceptual Plan to clearly illustrate the final plan for each portion of the Property. In the event a portion of the Property is submitted for site plan approval and such approval is denied, the party submitting such site plan shall be entitled to appeal such decision to the Township Zoning Board of Appeals as provided by law, and all parties shall agree to proceed expeditiously to final resolution.
- 1.4 <u>Final PUD Site Plan</u>. Within the two (2) year limit prescribed by the Ordinance, the The Owner shall submit a "Final PUD Site Plan" to the Township within the time limits prescribed by the Ordinance but otherwise determined by the Owner.

### **ARTICLE 2**

### LAND USE AUTHORIZATION

- 2.1 <u>Phased Development</u>. The Owner plans to further develop the Property in phases. The first phase encompasses the area shown on the Conceptual Plan and labeled as "Phase 1" and shall include a land use authorization for Medical Building and (assisted living) Facility were constructed as part of the original phases under the Original PUD which included land authorizations for an OSD-Professional Office-Service District. Future phases shall include land use authorization for and an HDR-High Density Residential (Multi-Family Residential District), and an OSD-Professional Office-Service District. The next phase shall consist of the Project. Additional potential phases may include building a community farm and food hub on the east portion of the Property as described in **Exhibit B**. Additional projects may be phased and separated as the Owner and Township deem necessary.
- 2.2 <u>Detailed Development</u>. The Owner may, in its discretion, develop the Property in accord with the Conceptual Plan and subject to the obligation to coordinate development of the Property as a whole pursuant to this Agreement. In connection with the discretionary development of the Property, the Owner shall submit to the Township for review and approval a plan in the form required by the Ordinance, including impact assessments required by the Township (including an updated Traffic Impact Study which meets the requirements of Section 13.05(I) of the Ordinance, showing how traffic will differ from that originally projected, a Natural Features Plan, and a Pollution Incident Prevention Plan)Ordinance. The Township shall review each of such plans within a reasonable time. Unless the Conceptual Plan is materially altered at the request of the Owner, site plan and other review requirements with respect to any such plan shall be as in effect as of the date of this Agreement and shall not be subject to any subsequent amendments of the Ordinance which are inconsistent with this Agreement.
- 2.3 <u>Permitted Special UseUses</u>. The Township acknowledges the Owner's plan to develop <u>aexpanded</u> medical <u>office building and clinicuses</u> of up to <u>240,000175,043</u> gross square feet of floor area, and <u>a second office building of up to 55,000 gross square feet of floor area on the Property other related <u>improvements as part of Phase 1</u>. Notwithstanding the requirement of a</u>

permit for any special land use under Sections 8.403 (i) and (j) of the Ordinance, the Township agrees that such the following uses shall not require a Special Land Use Permit or fee, or submission of additional application forms beyond those normally required for general site plan approval.

- 2.3.1 The Medical Buildings developed under the Original PUD,
- 2.3.2 The Project described in Recital N and in the NRPUD Plans,
- 2.3.3 The above ground storage tanks within the Property which will not comply with Section 13.07.01 of the Ordinance, "Above Ground (Fuel) Storage Tanks," based on the nature of the medical facility. Instead, the facility will comply with state and federal codes for fuel oil storage.
- 2.3.4 Those four areas of wetland buffer disturbance required as part of the Project and identified in SmithGroup drawing CG-105 attached as Exhibit E. Three of the delineated disturbances are associated with the construction of the storm water management system as part of the Project and are identified as "temporary." After construction, the three areas of temporary disturbance will be returned to and maintained in a natural and undisturbed condition as required by Section 13.02.02 of the Ordinance. The fourth delineated wetland buffer disturbance consists of approximately 3,500 square feet which will be impacted by construction of a retaining wall and ring road. Approximately 425 square feet of this area will be permanently impacted by the new retaining wall and ring road. This area is identified as "permanent." Approximately 3,075 square feet of the impacted area will be returned to and maintained in a natural and undisturbed condition.
- 2.4 Open Space. The Owner shall develop a minimum of 50% of the Property as open/residential space, defined as undisturbed areas of key natural features, 25% of lake and pond areas, 50% of retention and/or detention ponds, landscaped areas, plazas, and residential uses. Schedule Exhibit B shows the calculation and location of open/residential space as shown on the Conceptual Plan.
- 2.5 <u>Assisted Living Development</u>. The Owner shall be permitted to develop an Assisted Living facility of up to ninety (90) units and approximately ninety-four thousand square feet (94,000 SF) of floor area.
  - 2.4.1 Wetlands. In accordance with requirements of local municipal fire marshal requirements for continuous perimeter access to expanded land use for a community hospital, a loop fire ring road will be provided. Final construction of the wetland boundary north of loop fire ring road improvements within State of Michigan Department of Environment, Great Lakes and Energy ("EGLE") regulated wetlands shall be installed or constructed upon receiving necessary approvals of EGLE, and in accordance with all applicable EGLE rules and regulations, to comply with the State and Federal codes. See Exhibit E (refered in Section 2.3.4 above).

### ARTICLE 3

### ACCESS TO AND WITHIN THE PROPERTY

- 3.1 <u>Traffic Impact Study</u>. The Owner shall submit to the Township for review and approval a traffic impact study as required by <u>Article 13 Articles 10 and 18</u> of the Ordinance. Such study shall evaluate the impact of the planned development of the Property at each access point and existing adjacent major intersections, specifically including any intersections where traffic from the Property will comprise at least five percent (5%) of the existing intersection capacity. Such study shall also include proposals to mitigate any adverse impact of such development identified by the study and describe timing and responsibility for funding any improvements designed to implement any such proposals. The Owner shall provide an updated Traffic Impact Study at each phase of the development. At such time as the Township and Livingston County Road Commission determine that a signal is warranted at either entry to the Property, the Owner shall fund the installation of said traffic signal and such other traffic mitigation measures as are required by its development of the Property. However, nothing in this Agreement shall require the Owner to pay more than its pro-rata share of improvements as determined by the proportion of total traffic increase which is generated by developments on the Property.
- 3.2 Access to the Property. Access to the Property shall be limited to two major entrances from Grand River Avenue. Both access points shall be full movement, with Grand River Avenue ingress and egress from both directions. The Township will only consider additional access points if spaced a safe distance apart and a traffic impact study submitted by the Owner demonstrates that overall traffic operations and safety will be improved. The Owner shall determine the specific location of permitted access points utilizing safety standards established and approved by the Township and the Livingston County Road Commission. The Owner shall also locate access points such distances from existing signalized intersections to ensure sound traffic operations if the access points are signalized. The site design for the Property shall direct traffic flow to use the main access points to public thoroughfares. Stacking or queuing depth at access points shall be sufficient to accommodate expected peak hour volumes to minimize conflict with inbound or internal circulation.
- 3.3 <u>Internal Roadways</u>. The Owner shall plan and establish an internal system of vehicular thoroughfares throughout the Property in connection with development of portions of the Property as it occurs. The Owner shall design internal roads in such a way as to permit vehicular access between and among users of the Property, as ultimately developed, with the view and intent of minimizing the number of traffic movements onto adjoining public roads. The Township shall review and approve the precise locations and design of the overall system of internal thoroughfares as each site plan for development of portions of the Property is submitted to the Township for approval, taking into consideration the uncertainty of the development of the then undeveloped portions of the Property.
- 3.4 <u>Pedestrian Walkways</u>. The Owner <u>shall construct has constructed</u> a pedestrian walkway along Grand River Avenue that conforms with the Grand River Corridor Plan of the Township. The Owner shall also construct pedestrian walkways between each building and the parking area(s) that serve each such building, as the Property is developed. The pedestrian walkway will conform to the walkway plan shown conceptually in the Final PUD Site Plan. The Township and Owner agree that the purpose of any such pedestrian walkways is to serve the business needs

of the Owner and other occupants of buildings on the Property, and not to encourage recreational pedestrian use by the general public.

### **ARTICLE 4**

### SITE IMPROVEMENTS

- 4.1 <u>Coordination of Site Improvements</u>. The Owner shall coordinate the construction of site improvements within the Property as a whole to ensure that site improvements are integrated and mutually supportive among the respective portions of phases of development of the Property, including utilities, landscaping, and site lighting.
- 4.2 <u>General Guidelines</u>. The Owner shall observe the following guidelines in connection with the construction of site improvements on the Property:
  - 4.2.1 Site design and landscaping shall diminish the prominence of parking lots as viewed from public roads, consistent with the need to orient visitors to parking areas.
  - 4.2.2 Extensive greenways and tree-lined drives shall be located within parking lots to improve traffic operations and views.
  - 4.2.3 Consistent with the Owner's experience withdeveloping large-scale hospital, clinical and medical office buildings facilities, parking for these Phase I and Project uses shall be at the ratio of one (1) space for each one hundred two hundred seventy-five square feet (175275 SF) of eighty percent (80%) of gross building area. The Owner shall provide areas where additional parking, up to the level required by the Ordinance, can be developed if needed, as determined by the Township Manager. A minimum of 618 parking spaces are required. Owner will provide 753 built parking spaces and 246 unbuilt banked parking spaces. Development of the banked parking spaces shall be subject to Planning Commission approval.
  - 4.2.4 Any storm water control devices visible from public streets shall have a maximum 6:1 slope (so as to not require a fence according to the Livingston County Drain Commission) and be designed to have a naturalistic appearance, such as variable shape, natural arrangement of landscape materials.
  - 4.2.5 Landscaping shall demonstrate consistency in design and materials.
  - 4.2.6 Site lighting shall be of a uniform type and color throughout.
- 4.3 <u>Maintenance</u>. The Owner shall be responsible for ongoing maintenance and repair or replacement of site design elements, such as open spaces, signage, landscaping, lighting, and pavement markings. The <u>Except as otherwise provided herein, the</u> Owner shall be responsible for maintenance and repair or replacement of facilities serving the entire Property such as stormwater control devices and any roadways within the Property.

4.4 <u>Residential Buffer Zone</u>. The Owner shall create and maintain a buffer zone between the residential portion of the property and the adjacent residential properties to the north and east. The buffer zone shall be seventy-five feet (75) feet deep and shall preserve existing large trees in the zone along the north and east boundaries of the Property. The Owner shall provide a sculptured six to eight foot (6 ft<sub>2</sub>-8 ft<sub>2</sub>) high berm, interspersed among existing trees. The Owner shall provide one (1) canopy tree, two (2) evergreen trees, and four (4) shrubs for every twenty (20) lineal feet (20 lineal ft) along the property line of the residential building zone as shown in the Final PUD Site Plan. There shall be a credit of two (2) canopy trees for every existing canopy tree of eight inches (8<sup>22</sup>) inches diameter or greater. The Owner shall also be permitted to substitute one (1) evergreen tree for five (5) shrubs, or one (1) canopy tree for eight (8) shrubs to develop an aesthetically pleasing landscape buffer.

### ARTICLE 5

### DESIGN OF BUILDINGS AND SIGNAGE

- 5.1 <u>Building</u>. The architecture, building materials, colors, and shapes of all buildings shall substantially conform with the guidelines set forth in the Grand River Corridor Plan, as it may be reasonably amended. The Owner shall develop buildings on the Property that incorporate varying building lines, natural earth tone construction materials, and other elements that are aesthetically pleasing. The Owner shall follow the following general guidelines:
  - 5.1.1. pitched roof buildings are required;
  - 5.1.25.1.1. large walls shall include varying building lines, setbacks, color accents, windows, or other elements to upgrade appearance;
  - 5.1.35.1.2 each site plan shall include a narrative or illustration(s) that demonstrate the design of new buildings will be consistent with, or complement, architecture of the other sites;
  - 5.1.45.1.3 buildings shall use high quality architecture with variable building lines, pitched roofs, and architectural accents; and, with the exception of the hospital addition which is part of the Project, pitched roof buildings shall be required.
  - 5.1.55.1.4 brick or stone shall be used for all building faces;
  - 5.1.65.1.5 other materials may be used for architectural accents, provided such materials shall have the appearance of cut or cast stone or stucco;
  - 5.1.75.1.6 out-parcel office buildings shall treat all exterior wall surfaces with at least eighty percent (80%) natural materials; and
  - 5.1.85.1.7 residential buildings shall be permitted to use siding for up to fifty percent (50%) of exterior wall surfaces.
- 5.2 <u>Signage</u>. Freestanding signs within the PUD shall be ground-mounted (monument) signs. No pole signs shall be permitted. All freestanding signs shall have a base constructed of

materials that coordinate with and are consistent with the building, and with other freestanding signs within the PUD. All freestanding lighted signs shall be internally lit. All wall signs shall have channel lettering (not panels). The Consistent with the Owner's experience developing large-scale hospital, clinical, and medical office facilities, signage within the Property will provide clear and safe wayfinding deemed necessary to best serve the community. Signage shall have materials, lighting, and mounting that is in line with the stated goal. Variations beyond approximate limits identified herein will be reviewed for approval with the Township as required by the Ordinance. Other than those sign dimensions and numbers specified in this Section 5.2, Owner shall comply with the sign standards in the Ordinance. Consistent with Table 16.1, footnote (7) of the Ordinance, the following signs shall be permitted on the Property:

- 5.2.1 one (1) ground sign at the east entry from Grand river Avenue of up to seventy-two square feet (72 SF) area; monument sign near the main entrance to Woodland Village, with a maximum height of 72 inches and maximum width of 72 inches; and
- 5.2.2 one (1) ground sign at the west entry from Grand river Avenue of up to seventy two square feet (72 SF) area; monument sign at the main entrance to Woodland Village with a maximum height of 40 1/8" and maximum width of 92"; and
- 5.2.3 one (1) ground sign for each separate office building to be located on interior roads on the Property of up to six feet (6') in height and sixty square feet (60 SF) area; post and panel sign at the main entrance to Woodland Village with a maximum height of 36" and maximum width of 42"; and
- 5.2.4 one (1) ground sign for the residential development located on interior roads on the Property of up to six feet (6') in height and thirty-six square feet (36 SF) area, consistent with Section 16.06 (s) of the Ordinance; directional sign near the main entrance to Woodland Village with a maximum height of 16" and maximum width of 25.5"; and
- 5.2.5 each building shall be entitled to one (1) wall sign of up to five percent (5%) of the building front facade;
- 5.2.6 the Saint Joseph Mercy Health System building shall be entitled to three (3) wall signs which together do not exceed five percent (5%) of the building front facade;
- 5.2.7 the size, materials, and other specifications of each such wall sign shall conform to the Ordinance;
- 5.2.8. all other signs, including directional and wayfinding signs, shall conform to the size, materials, and other specifications of the Ordinance; and
- 5.2.9 directional and wayfinding signs shall be provided throughout the site as shown on a master sign and pavement marking plan to be approved with the Site Plan for each phase of development, with the number of signs not

- restricted to one per approved driveway, but as determined by the requirements of wayfinding and safety, and approved by the Township.
- 5.2.5 one directional sign near the main entrance with a maximum height of 7' 0" and maximum width of 7" 0: and
- 5.2.6 two directional signs within the beltway with a maximum height of 4' 11' and maximum width of 4' 7"; and
- 5.2.7 two wall signs on building front facades with a maximum height of 37' 1/4" in height and maximum width of 30' 5-1/2"; and
- 5.2.8 four directional signs near the building entrance with a maximum height of 2' 9" and maximum width of 4' 0"; and
- 5.2.9 one post and panel sign within the beltway with a maximum height of 1' 10 ½" and maximum width of 2' 5 ½"; and
- 5.2.10 One (1) monument sign at the central entry (main entrance) from Grand River

  Avenue with a maximum height of no more than 13' 0" and maximum width
  of 6' 6"; and
- 5.2.11 Such other signs as may be required in connection with Owner's addition of medical services and as otherwise may be required by state and federal regulatory bodies or as may be required for emergent health care situation provided such signs comply with the Ordinance.
- 5.3 Building Height. The Owner shall be permitted to erect a medical the hospital services portion of the addition as a four (4) story building with a general roof height of thirty-seven feet above finished floor (37' AFF), with a roof height of forty-two feet above finished floor (42' AFF) in the section of the building that contains the surgery suite, and a central tower with a roof height of forty-six feet, one inch above finished floor (46' 1" AFF), bothnot to exceed approximately sixty-four (64) feet from the first level finished floor to the top of the parapet (64' 0" AFF) measured as indicated in the Ordinance. This height is required to accommodate the Owner's surgery programs, and to screen mechanical units from view The Owner shall be permitted to erect a roof mounted screen wall on the hospital services portion of the addition with a general height of approximately seventy-five feet eight inches (75' 8") from the first level finished floor to the top of the screen wall (75' 8" AFF) measured as indicated in the Ordinance. The Owner shall be permitted to erect a roof mounted mechanical unit on the hospital services portion of the addition with a general height of approximately eighty feet two inches (80' 2") from the first level finished floor to the top of the screen wall (80' 2" AFF) measured as indicated in the Ordinance. The Owner shall be permitted to build a connector of the existing medical office building to the hospital addition as a two (2) story addition with a general roof height of approximately thirty-two (32) feet from the first level finished floor to the top of the parapet (32' 0" AFF) measured as indicated in the Ordinance. Roof-mounted equipment on the hospital addition may not exceed seventeen (17) feet and fifteen percent (15%) of the total roof area on the entire building. All other buildings on the Property shall meet the specific height limitations required by the Ordinance for the respective type of building. Variations beyond approximate limits identified herein will be reviewed for approval with the Township in accordance with Section 10.11 of the Ordinance. All elevations and heights referenced

in this Section 5.3 are derived from Owner's Basis of Design documents and subject to industry-accepted construction tolerances.

### **ARTICLE 6**

### **UTILITIES**

- 6.1 <u>Water</u>. Each office and residential parcel/use on the Property must connect to the community water system. The Owner shall submit a master water plan for the Property as an attachment to the Final PUD Site Plan for approval by the Township and its Engineers. The Owner shall install <u>and pay</u> the <u>cost of the</u> internal water main for each developed portion of the Property prior to or concurrent with the site plan approval for such development.
- 6.2 <u>Sanitary Sewer</u>. All of the office and residential buildings constructed on the Property shall, as developed, be connected to and be served by the public sanitary sewer <u>systems</u>. The Township represents that there has been reserved for the Owner adequate municipal wastewater treatment capacity to service the approved use of the Property, and the adequacy of wastewater treatment capacity shall not limit the type of use or density of the development based on the <u>Concept Plan. Conceptual Plan. The Owner shall install and pay the cost of the infrastructure required by the Township and its engineers to connect the <u>Property and additional improvements to the public sanitary sewer system.</u></u>
- 6.3 <u>Electrical</u>. All electrical lines serving the buildings on the Property shall be underground. Public utility lines in existing or future easements shall be permitted overhead so long as the buildings are serviced from underground.
- 6.4 <u>Fees</u>. Fees, charges, and costs for utilities shall be as set forth <u>onin the REU Analysis/Memorandum of March 8, 2022</u> attached <u>Schedule as Exhibit C</u>, <u>which.</u> The connection <u>fee for both water and sewer</u> may be amended on a district-wide basis from time to time. The Owner shall pay REU and connection fees as required by the Township in accordance with Schedule C. which shall be the then-prevailing rate of connection cost/REU, per connection, as set forth in the Equivalent User Table of the Genoa Charter Township as the same may be amended from time to time.
- 6.5 The above ground storage tanks within the Property will not comply with Section 13.07.01 of the Ordinance, "Above Ground (Fuel) Storage Tanks," based on the nature of the medical facility. Instead, the facility will comply with state and federal codes for fuel oil storage.
- 6.6 The Owner shall grant and convey easements on the Property to the Township or the authority designated by the Township to allow for ingress and egress for the maintenance, repair, improvement or replacement of the public sewer and water system including those reflected in the existing Village Easements.
- 6.7 Upon completion of the water and sewer infrastructure and the approval of the Township, the Owner will convey the infrastructure (the sanitary sewer, the water mains and their appurtenant components), excluding the leads, to the Township. The Township will then be responsible for the maintenance, repair, improvement and replacement of the infrastructure. The Owner and its successors in interest will be responsible for the perpetual maintenance, repair,

improvement and replacement of the leads for both the water and the sewer extending from the [curb] to the buildings.

### **ARTICLE 7**

### **MISCELLANEOUS**

- 7.1 <u>Amendment</u>. This Agreement may not be modified, replaced, amended or terminated without the prior written consent of the parties to this Agreement. The Owner and the Township shall be entitled to modify, replace, or amend this Agreement without the consent of any other person or entity, regardless of whether such person or entity now or hereafter has any interest in any part of the Property, including subsequent purchasers, or their tenants, mortgagees, or others.
- 7.2 <u>Binding Effect</u>. This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective legal representatives, successors, and assigns. The rights and obligations under this Agreement shall run with the Property and shall bind and inure to the benefit of any successors-in-interest of the Owner in the Property.
- 7.3 <u>Controlling Effect</u>. In the event of any direct conflict between the terms and provisions of this Agreement and the Conceptual Plan, and the provisions of the Ordinance, or other Township ordinances, rules, or regulations, the provisions of this Agreement and the Conceptual Plan shall control.
- 7.4 <u>Conditions Reasonable</u>. The Owner acknowledges that the conditions imposed by this Agreement upon the development of the Property are reasonable and necessary to ensure that public services and facilities affected by the proposed land use or activity will be capable of accommodating increased service and facility loads caused by the land use or activity, to protect the natural environment and conserve natural resources and energy, to ensure compatibility with adjacent used of land, and to promote the use of land in a socially and economically desirable manner. The Owner further acknowledges that the conditions meet all of the requirements of MSA 5.2963(16d)(2)(a), (b), and (c)MCL 125.3503.
- 7.5 <u>Governing Law</u>. This Agreement shall be governed by and construed in accordance with the laws of the State of Michigan, without giving effect to principles of conflicts of law.
- 7.6 <u>Counterparts</u>. This Agreement may be executed in one or more counterparts, each of which shall constitute an original, and all of which shall constitute one and the same agreement.
- 7.7 <u>Plans and Drawings</u>. The plans and drawings listed in <u>Schedule Exhibit</u> **D** are attached to and made a part of this Agreement.
- <u>7.8</u> Sale. In the event that a portion of the Property is sold to another entity, coordination and control of the Property will be up to the determination of the current Owner at the time of the sale.
- 7.9 The terms of this Agreement, as hereby amended, shall run with the land and shall be recorded on title to the Property with the Livingston County Register of Deeds.

7.10 Reference	s in this Agreement to activities by the Owner in relation to developmer's transferees and assigns unless context dictates to the contrary.	<u>nent</u>
is interided to include Ow	viter's transferees and assigns unless context dictates to the contrary.	
	[Remainder of Page Intentionally Left Blank.]	

This Agreement has been executed by a duly authorized representative of the Owner as of the date first set forth above.

WITNESSES:	MERCY HEALTH SERVICES
	TRINITY HEALTH-MICHIGAN, d/b/a
	SAINT JOSEPH MERCY HEALTH
	SYSTEM, formerly known as MERCY
	HEALTH SERVICES,
	a Michigan nonprofit corporation
	By:
	[Printed Name]
	Name: C. W. Lauderbach, Jr.
	Title: Vice President Patient Care, Ambulatory
	Services and Programs
	Its:
STATE OF MICHIGAN )	
) ss.	
COUNTY OF <del>LIVINGSTON</del> )	
,	
C C	wledged before me this day of, the, of Mercy
Health Services , 2022, by	the
	-MICHIGAN, d/b/a SAINT JOSEPH MERCY
	CY HEALTH SERVICES, a Michigan nonprofit
corporation, on behalf of the corporation.	<u>services</u> , withomgan non-
corporation, on contain or the corporation.	
	Notary Public
	County, Michigan
	Acting in County, Michigan
	My Commission Expires:
	1.1, Commission Empires.

## [Signatures Continued on the Following Page.]

of, 1999, 2022,	e <u>Genoa Charter</u> Township of Genoa on the day at a meeting duly called and held.
WITNESSES:	TOWNSHIP OF GENOA CHARTER TOWNSHIP, a Michigan charter township
	By:Name: Title: <u>Its:</u> Supervisor
	By: Printed Name: TitleIts: Clerk
	vledged before me this day of day of
	the Township of Genoa, respectively, of GENOA nicipal corporation charter township, on behalf of the
	Notary Public County, Michigan Acting in County, Michigan My Commission Expires:
<u>Drafted by:</u>	When Recorded, Return to:
Richard A. Sundquist Clark Hill PLC 500 Woodward Avenue, Suite 3500 Detroit, Michigan 48226 (313) 965-8227	

## rsundquist@clarkhill.com

#### **SCHEDULE EXHIBIT** A

#### **Legal Description of Property**

#### **LEGAL DESCRIPTION OF THE PROPERTY**

Commencing at the Northeast Corner of Section 13, Town 2 North, Range 5 East, Genoa Township, Livingston County, Michigan; thence S 89°38'11" W 1355.85 feet (recorded as N 87°59'50" W 1355.93 feet) along the North line of said Section 13 for a PLACE OF BEGINNING; thence S 02°11'38" E 763.41 feet (recorded as S 00°08'31" E 763.54 feet); thence N 87°56'59" E 6.62 feet (recorded as S 89°20'22" E 6.57 feet); thence S 02°09'04' E 1733.44 feet; thence S 86°51'52" W 7.47 feet (recorded as S 89°16'32" W 7.47 feet); thence S 03°08'08" E 92.85 feet (recorded as S 00°38'37" E 92.41 feet); thence S 89°29'10" W 38.78 feet (recorded as N 88°05'08" W 38.78 feet); thence S 03°08'08" E (recorded as S 00°30'54" E) 176.36 feet; thence N 69°43'30" W 1410.63 feet (recorded as N 67°17'30" W 1402.44 feet) along the Northerly Right-of-Way of Grand River Avenue; thence N 02°12'10" W 2268.75 feet along the North-South 1/4 line to the North 1/4 Corner of said Section 13; thence N 89°38'11" E 1341.07 feet (recorded as S 87°54'35" E 1341.18 feet) along the North line of said Section 13 to the Place of Beginning. Being a part of the Northeast 1/4 and the Southeast 1/4 of Section 13, Town 2 North, Range 5 East, Genoa Township, Livingston County, Michigan. Containing 77.74 acres of land, more or less. Being subject to easements and restrictions of record, if any.

#### **SCHEDULE EXHIBIT** B

#### **Conceptual Site PlanNRPUD PLANS**

The NRPUD Plans showing the existing (already improved) facilities including the Medical

Buildings and the Facility as well as the proposed new hospital and expansion areas is attached to

this Agreement as Sheet which also identifies a future community farm. Sheet

attached identifies the existing Village Easements.

The Conceptual Site Plan is attached to this Agreement as Sheet S-1 of the Rezoning/Conceptual PUD Submitted dated July 21, 1999.

## $\underline{\textbf{SCHEDULE}}\underline{\textbf{EXHIBIT}}\,\, C$

## FEES, CHARGES, And AND COSTS FOR UTILITIES

To Be Determined

See attached pages.

### **SCHEDULEEXHIBITD**

# LIST OF ADDITIONAL PLANS AND DRAWINGS MADE A PART OF This THIS AGREEMENT

• Rendering of Assisted Living Project, showing conceptual image, dated 6/28/99.

# • RENDERING OF SAINT JOSEPH MERCY HEALTH SYSTEM AMBULATORY BUILDING.

<u>Renderings of existing facilities and proposed expansion and renovation of existing Medical Buildings.</u>

## SCHEDULE EEXHIBIT E

## **List of Approved Deviations from Ordinance Standards**

## WETLAND BUFFER ENCROACHMENTS

Ordinance Standard Building height 35'	Deviation Generally 37'; surgery area 42; entry tower 46'1"	Ordinance Reference 4.4	Agreement Reference 5.3
Special Use Permit for medical offices over 40,000 GSF and general offices over 55,000 GSF	Special use authorized within the PUD Agreement	8.403(i) and (j)	2.3
Permitted ground signs in PUD district are (1) 72 SF and (1) 60 SF	Authorized signs are (2) at 72 SF each	Table 16.1	5.2.1, 5.2.2
Ground signs for individual non-residential buildings are not indicated by the Ordinance	One (1) ground sign of up to 60 SF for each non-residential building	Table 16.1	5.2.3
Wall signs: (1) per building, up to 10% of the facade area	(1) per building, up to 5% of the front facade, except the ambulatory services building, which shall be permitted up to (3) wall signs, together up to 5% of the front facade	Table 16.1	5.2.5, 5.2.6
Directional signs: (1) per approved driveway	Directional signs: as determined by the requirements of wayfinding and safety, and approved by the Township	<del>16.12(b)</del>	5.2.9
Parking for medical/dental offices: 7 spaces per 1,000 SF gross floor area [45,000 GSF = 315 spaces]	4.57 spaces per 1,000 SF gross floor area (1 space per 175 SF of net floor area, where net = 80% of gross [45,000 GSF = 206 spaces]	14.08	4.2.3

See attached page.

PUD80299.WPD 15

Ordinance Standard  Parking for medical clinics:  2.0 spaces per exam/ procedure/operating room, 1.0 space per lab or recovery room, 1.0 space for each (2) rooms for employee parking [14 exam, 18 procedure, 5 ORs = 37 rooms x 2 spaces-74 spaces; 5 lab, 8 recovery = 13 rooms x 1 space = 13 spaces; 50 rooms/2 = 25 employee spaces. Total = 99 spaces]	Deviation  4.57 spaces per 1,000 SF gross floor-area [54,350 GSF = 235 spaces]	Ordinance Reference 14.08	Agreement Reference 4.2.3
Total parking required = 414 spaces	Total parking provided = 441 spaces		
Required buffer zone between multi-family and single family residential: Type B, 20' width; 3' berm; 1 canopy, 1 evergreen, 4 shrubs per 30'	Provided buffer zone between multi-family and single family residential: 75' width, 6-8' berm; 1 canopy, 2 evergreen, 4 shrubs per 20'. Authorization to substitute canopy trees and evergreens for shrubs at a 1:8 and 1:5 ratio, respectively	3.5418	4,4

### **Summary report:**

### Litera Compare for Word 11.2.0.54 Document comparison done on 9/16/2022 1:14:12 PM

Style name: Default Style

**Intelligent Table Comparison:** Active

Original DMS: iw://clarkhill-

mobility.imanage.work/CLARKHILL/267134416/1

**Description:** Planned Unit Development Agreement - Original Agreement

Converted to Word

Modified DMS: iw://clarkhill-

mobility.imanage.work/CLARKHILL/267574821/7

**Description:** Planned Unit Development Agreement - 9-13-22

Changes:	
Add	194
<del>Delete</del>	154
Move From	0
Move To	0
Table Insert	1
Table Delete	2
Table moves to	0
Table moves from	0
Embedded Graphics (Visio, ChemDraw, Images etc.)	0
Embedded Excel	0
Format changes	0
Total Changes:	351

## IMPACT ASSESSMENT St. Joseph Mercy Brighton Health Center March 30, 2022

#### INTRODUCTION

The proposed development is a 77.59-acre medical use site residing north of Grand River Ave. Potential areas of concern are noted along with the proposed methods of addressing each item. The format conforms to the impact assessment requirements as outlined in section 18.07 of the published zoning ordinance for Genoa Township.

a. Name(s) and address(es) of person(s) responsible for preparation of the impact assessment and a brief statement of their qualifications.

St. Joseph Mercy Brighton Health Center 7575 Grand River Ave Rd, Brighton, MI 48114 (810) 844-7575

SmithGroup

Architecture architectural, engineering and planning firm 201 Depot St, Ann Arbor, MI 48104 (734) 662-4457

Michael Johnson | michael.johnson@smithgroup.com | 734-712-2047

Dino Lekas | PLA dino.lekas@smithgroup.com | 734-669-2678

Michael Campos | Civil, PE michael.campos@smithgroup.com | 734-669-2749

Katherine DeKrey | Landscape Design katherine.dekrey@smithgroup.com | 734-669-2712

Charles Langolf | Professional Surveyor charlie.langolf@smithgroup.com | 734-669-2690

Bergmann

Transportation engineering firm 29777 Telegraph, Suite 1640 Southfield, MI 48034

Steven J. Russo, PE | Transportation Engineer srusso@bergmannpc.com | 248-663-1379

Barr Engineering Co. Wetland Consultant 3005 Boardwalk Dr Suite 100, Ann Arbor, Mi 48108

Woody L. Held | Senior Environmental Consultant WHeld@barr.com | 734.922.4422

#### b. Map(s) and written description/analysis of the project site

The St. Joseph Mercy Brighton Health Center site (Parcel ID: 4711-13-200-009) is in Section 13 of Livingston County, north on Grand River Road, west of South Hacker Road and east of the Genoa Business Park. It is a 77.59-acre site that currently has a medical facility and a senior living facility residing on it. These establishments are supported by surface parking as well as an access road that has shared connections shared with the Business Park. Please see attached documentation Smith Group Site Submittal Package page CV-100 for easement information and surrounding zoning.

#### c. Impact on natural features:

- 1. Slopes and Grade: The site presents steeper slopes around the parking perimeter and road resulting from the excavation process from prior development. It is intended that this plan will minimize the amount of grading that will need to be done on-site. However, due to the nature of the medical building programming, a grade change over 3% will need to be performed in order to make it accessible. This grading will be performed on 11 acres of the site. The zoning administration will be notified of the grade change required for the building footprint, revised detention basin, parking, and utility yards. Smith Group Site Submittal Package page CG-100 to CG-104.
- 2. Wetland and Soils: The site contains two creeks and two wetland/detention ponds north of the existing medical building. Based on a Preliminary Wetland Analysis completed by SmithGroup, and a Wetland Inventory Study, currently being conducted by Barr engineering, wetland soils are present within the project area, and development and grading may fall within 25' of the wetland boundary north of the loop fire road. Mitigations will follow any state of Michigan EGLE regulated wetlands requirements and shall only be installed or constructed upon receiving all necessary approvals of EGLE and in accordance with all applicable EGLE rules and regulations. See attachment Smith Group Site Submittal Package page CV-200 and supporting wetland documentation.
- 3. Vegetation: There is significant existing vegetation on the site, as shown on the Site Plan. Most of this vegetation tends to be undergrowth and brush. Some of this vegetation will need to be removed in order to accommodate the required parking for the expanded medical building use. It is the intent of this design to minimize vegetation removal and the improvements will not be removing more than 25% of existing vegetation on site. See attachment Smith Group Site Submittal Package page CV-300.

#### d. Impact on stormwater management:

The existing stormwater drainage is contained within the site and drain to a regional pond/detention system. An existing wet pond with forebay is currently functioning as the stormwater mitigation system for the entirety of the site's drainage area. Existing on-site underground storm sewer will be utilized to continue to convey stormwater to the existing wet pond. Proposed underground storm sewer will be added to support the additional parking areas and impervious cover.

Based on revised Livingston County Drain Commission requirements, improvements will be made to the existing forebay by dredging the bottom of the pond and increasing its storage volume. Proposed improvements to the existing system also include reconstructing the outlet pipe of the larger wet pond prior to discharging into the adjacent lake. Infiltration rates have been determined by the Geotechnical Engineer and additions of bioretention infiltration ponds throughout the site will be installed.

The improvements to the existing detention system as well as the bioretention infiltration ponds are to enhance the overall quality of the stormwater system.

Surface runoff during construction will be controlled by silt fences, inlet filters, and seed and mulch.

#### e. Impact on surrounding land used:

The new medical facilities are planned to benefit the community by providing state-of-the-art healthcare facilities in the area. This development enhances the existing medical development on-site, which can be accessed from the south via I-96 expressway and Grand River Avenue. Site improvements include a complete loop road, drop-off areas, parking lots, relocation of the helistop, loading area, generators, oxygen tanks,

mobile PET scanner for trucks and ambulance access. Although exterior lighting will be required for the roadways and walks to provide safe access for staff and visitors, full cut-off fixtures are planned to decrease unnecessary light pollution. Lighting will also be required for the safe use of the helipad, currently planned to only pick up patients and take them to another facility if needed. Additional building and site accent lighting will be automatically shut off via timeclock curfew control. Although the generators, helicopters, vehicles and ambulances planned for the site may increase the noise and air pollution, this is not expected to be a significant issue, due to the current noise level and air pollution from the existing site usage, its proximity to I-96 and Grand River, and significant setbacks from other adjacent development.

#### f. Impact on public facilities and services:

St. Joseph Mercy Health of Michigan intends to build an 175,000 square foot, 4-story, 72 bed hospital with basement, (with shell space for an additional 16 beds) within Livingston County, thus replacing the existing facility on Byron Road in Howell. The project will be located on and attached to the St. Joseph Mercy Brighton Health Center. The two buildings will be connected to the first and second levels, but no inpatients will move into the existing facility for services. There will be additions to the existing Brighton Health Center to expand Emergency Department and Outpatient Surgery Services as well as renovations of the Emergency Department, Outpatient Surgery, Imaging, and Lab.

The facility is anticipated to employ the same number of people as the two existing facilities. This development is not expected to impact the public schools. Police and fire protection will be needed for both the hospital and MOB.

#### g. Impact on public utilities:

Sanitary sewer and water utilities are reviewed by Marion, Howell, Oceola, and Genoa (MHOG) Sewer and Water Utilities.

The existing hospital is serviced by a sanitary sewer located south of the building that connects to Grand River Avenue. The sanitary sewer for the proposed building is to exit the north of the building and connect to the existing 8-inch sewer main running along the eastern property line. In discussion with MHOG, there is sufficient capacity in the sewer located just north of the site.

The site is currently serviced by one 12" water main connection along Grand River Avenue. With the planned hospital expansion there will be an 8" watermain that will provide a looped system by connecting the watermain system from the existing stub north of the current staff entrance to the stub located at The Village development. An existing water main runs along the north of the existing St. Joseph Mercy building to the edge of the staff parking lot. Based on the proposed building outline, a portion of the existing watermain will be removed and capped at the west edge of the driveway to the emergency department. Separate domestic and fire protection water main services will connect into the building off an extension from the capped watermain. Existing hydrants will be maintained to ensure adequate building coverage as required by all applicable fire codes.

Sanitary sewer and water main design will meet the MHOG Sanitary Sewer and Water Design Standards. All utility connections will follow guidelines set forth by the MHOG Utility Connection Manual.

#### h. Storage and handling of any hazardous materials:

Fuel tanks and other utilities will be installed north of the building adjacent to the loading dock, will not comply with 13.07.01 Above Ground (Fuel) Storage Tanks based on the nature of medical facility. Instead, the facility will comply with the State and Federal codes for fuel oil storage which are more rigorous than the intent of the local ordinance. It is the policy of Saint Joseph Mercy Health System (SJMHS) to ensure the safe handling and disposal of medical waste throughout the organization, including the proposed development. SJMHS enforces a strict medical waste policy and plan, including obtaining certificates from regulatory agencies, oversight from SJMHS Safety Program personnel to ensure safe practices for the transportation, packaging, and storage of medical waste.

#### i. Impact on Traffic and Pedestrians:

A traffic study was completed by Bergmann on March 24, 2022. The report covers all of the items listed below with the exception of the crash analysis as it was not requested by LCRC or MDOT. Please see attached Appendix I for the Traffic study's executive summary and full report.

Description of existing daily and peak hour traffic on adjacent street(s) and a description of any sight distance limitations along the right-of-way frontage of the site.

Forecasted trip generation of the proposed use for the a.m. and p.m. peak hour and average daily traffic generated.

For any project with a completion date beyond one year at the time of site plan approval, the analysis shall also include a scenario analyzing forecasted traffic at date of completion along the adjacent street network using a forecast based either on historic annual percentage increases and/or on expected development in the area.

Projected traffic generated shall be distributed (inbound v. outbound, left turn v. right turn) onto the existing street network to project turning movements at site driveways and nearby intersections. Rationale for the distribution shall be provided.

Capacity analysis at the proposed driveway(s) using the procedures outlined in the most recent edition of the *Highway Capacity Manual* published by the Transportation Research Board. Capacity analyses shall be provided for all street intersections where the excepted traffic will comprise at least five-percent (5%) of the existing intersection capacity.

Accident data for the previous three (3) years for roadway sections and intersections experiencing congestion or a relatively high accident rate, as determined by the township or staff from the Livingston County Road Commission or Michigan Department of Transportation.

Analysis of any mitigation measures warranted by the anticipated traffic impacts. Where appropriate, documentation shall be provided from the appropriate road agency regarding time schedule for improvements and method of funding.

A map illustrating the location and design of proposed access, including any sight distance limitations, dimensions from adjacent driveways and intersections within 250 feet of the edge of the property frontage, and other data to demonstrate that the driveway(s) will provide safe and efficient traffic operation and be in accordance with Article 15.

j. **Special Provisions:** General description of any deed restrictions, protective covenants, master deed or association bylaws.

All easements are shown on Smith Group Site Submittal Package page CV-100.

#### k. A list of all sources shall be provided.

SmithGroup Survey and Plans Traffic Study Appendix I Preliminary Wetland Analysis Appendix II Title Search Appendix III

## TRAFFIC STUDY APPENDIX I



### **TECHNICAL MEMORANDUM**

To: Ms. Kelly VanMarter, AICP

**Genoa Township** 

Re: St. Joseph Mercy Health Center - Genoa Township, MI

Traffic Impact Study (TIS) Addendum

From: Steven J. Russo, PE

Transportation Engineer

Date: August 1, 2022

#### INTRODUCTION

This memorandum is intended as an addendum to the original Traffic Impact Study (TIS) completed by Bergmann, dated May, 2022, for the proposed St. Joseph Mercy Health Expansion project in Genoa Township. The project site is located on the north side of Grand River Avenue <sup>3</sup>/<sub>4</sub> miles northwest of Hacker Road. The proposed development plans include construction of an approximately 150,000 square foot (SF) Hospital facility to accommodate 559 employees and 72 beds. Access for the site is currently provided via a single signalized driveway to Grand River Avenue aligned with the 2|42 Church Driveway. Additionally, a cross access connection is provided to the adjacent Genoa Business Park which provides access additional access to a STOP controlled driveway to Grand River Avenue. The existing access locations are not proposed to change as part of the development plans.

This addendum and the associated analyses have been completed in response to additional information provided by Genoa Township. The data and methodologies of the original TIS were implemented for the addendum analyses, except as indicated in this memorandum. Specifically, the analysis of no-build and build conditions were updated to include a 222-unit multi-family residential development located in the southeast quadrant of the Grand River Avenue & Dorr Road intersection.

The vehicle trips that would be generated by the multi-family residential development were assigned to the study intersections based on the TIS completed for the development by Rowe dated February, 2022. All other volume assumptions outlined in the original TIS remain the same; whereby the only change is the addition of traffic volumes generated by the multi-family development. The resulting revised no-build and build traffic volumes utilized in the addendum analysis are summarized on the attached **Figure 1** and **Figure 2**.

#### INTERSECTION CAPACITY ANALYSIS

An updated intersection analysis for no-build and build conditions with the multi-family residential development was performed for the AM and PM peak hours for all study intersections. This analysis was conducted based on the *Highway Capacity Manual*, 6<sup>th</sup> Edition methodologies outlined in the original report utilizing Synchro and SimTraffic, Version 11 traffic analysis software. The results of the revised no-build and build conditions analysis are summarized on the attached **Table 1** through **Table 4**.

The results of the revised no-build and build conditions analysis indicate that the additional traffic volumes from the proposed multi-family residential development would not have a significant impact on traffic operations at the study intersections. Changes in overall vehicle delay at the study intersections in the no-build and build conditions would be less than one second per vehicle, which is not significant. Therefore, the conclusions and recommendations from the original TIS remain acceptable and no additional improvements are necessary as a result of the additional traffic volumes from the proposed multi-family residential development project.

Please direct any questions regarding this memorandum to Bergmann.

Attached: Tables 1-4

Figures 1-2

Synchro / SimTraffic Results

These attachments were removed from the packet to reduce the size. Please contact staff if you would like a copy. KV



July 15, 2022

Ms. Kelly VanMarter, AICP Assistant Township Manager/Community Development Director Genoa Township 2911 Dorr Road Brighton, MI 48116

#### Dear Ms. VanMarter:

Thank you for your continued work and correspondence with Bergmann related to the proposed St. Joseph Mercy Brighton Health Center expansion project in Genoa Township, Livingston County, Michigan. We understand the Township has raised concerns related to operations of the egress movements from the St. Joseph Mercy Health drive approach to Grand River Avenue and we would like to offer the following information for your consideration.

A Traffic Impact Study (TIS) was completed by Bergmann for the subject project dated May, 2022. This study was completed in accordance with accepted traffic engineering practice and in accordance with the methodologies and practices published by ITE and the applicable requirements of LCRC, MDOT, and Genoa Township. All assumptions utilized in the study including study intersections, baseline traffic volumes, traffic growth projections, and trip generation forecasts and assignments were reviewed and approved by MDOT and LCRC.

As part of the study vehicle delays were calculated for all study intersections including the intersection of Grand River Avenue & St. Joseph Mercy Health / 2|42 Community Church drive. These delays were calculated in accordance with the methodologies presented in the *Highway Capacity Manual*, 6<sup>th</sup> Edition (HCM6) published by the Transportation Research Board (TRB) for the following three scenarios:

- 1. Existing Conditions: Traffic volumes that exist at the intersection today.
- No-Build Conditions: Traffic volumes that will exist at the intersection in 2024 without the construction of the proposed St. Joseph Mercy Health expansion project. Traffic volumes for this scenario were calculated by applying an annual traffic growth rate of 0.75% per year to the existing traffic volumes to the year 2024. Additionally, traffic volumes from the Versa Mixed-Use development project, Westbury Phase II residential project, Hilton Cove residential project, and U of M Brighton Diagnostic and Treatment Center were included.
- 3. Build Conditions: Traffic volumes that will exist at the intersection in 2024 with the construction of the proposed St. Joseph Mercy Health expansion project. Traffic volumes for this scenario were calculated by forecasting the number of trips that will be generated by the proposed St. Joseph Mercy Health expansion and assigning them to the study intersections. These trips were then added to the no-build traffic volumes.

The calculated delay (in seconds per vehicle) and volume for the egress movements from the St. Joseph Mercy Health driveway to Grand River Avenue for existing, no-build, and build conditions are summarized in **Table 1**. This data indicates delays for the egress left-turn movement with the proposed development expansion are expected to increase by approximately four seconds during the AM peak hour and 15 seconds during the PM peak hour as compared to existing conditions; however, these future delays are acceptable per HCM standards.

Delays for the egress right-turn movement are expected to decrease in the future. This can be attributed to the traffic signal modernization at the intersection planned by the Livingston County Road Commission (LCRC). As part of this project, a left-turn phase will be installed for EB Grand River Avenue traffic turning left into the St. Joseph Mercy Health site. Additionally, an overlap phase will be provided for the egress right-turn movement from the site which will provide additional green time for this movement and subsequently reduce delays.



Review of network simulations also shows acceptable traffic operations for the St. Joseph Mercy Health drive approach during the peak hours. Vehicle queues are processed in each signal cycle while the higher volume Grand River Avenue movements are given preference for green time. Therefore, the delays experienced for the St. Joseph Mercy Health Drive approach are acceptable and no improvements are recommended.

Table 1: St. Joseph Mercy Health Drive Delays

Interception	Control Tim	Time Period Scenario		SB L	.eft-Turn	SB Right-Turn	
Intersection		Time Period	Scenario	Volume	Delay (s/veh)	Volume	Delay (s/veh)
	AM Peak Signal PM Peak	AM Peak	Existing	56	38.2	34	36.5
			No-Build	58	38.4	35	31.3
Grand River Avenue & St.			Build	96	42.0	69	30.2
Joseph Mercy Health / 2 42 Church Drive			Existing	135	38.5	75	33.9
		PM Peak	No-Build	140	41.9	78	31.8
			Build	211	53.6	141	29.2

We hope that this information provides adequate clarification to address the concerns of Genoa Township with specific regard to the Traffic Impact Study.

Sincerely,

Steven J. Russo, PE

TRANSPORTATION ENGINEER, BERGMANN

teven J. Russo

**Attached:** HCM Results



# ST. JOSEPH MERCY BRIGHTON HEALTH CENTER EXPANSION TRAFFIC IMPACT STUDY

Genoa Township, Michigan



## Bergmann

Office: Midwest (Southfield) 29777 Telegraph Road, Suite 1640 Southfield, MI 48034

Phone: 248.663.1289

Email: srusso@bergmannpc.com

www.bergmannpc.com

March, 2022





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## 1.0 Executive Summary

This report presents the methodologies, analyses, results, and recommendations of a Traffic Impact Study (TIS) for the proposed St. Joseph Mercy Brighton Health Center expansion in Genoa Township, Livingston County, Michigan. The project site is located on the north side of Grand River Avenue <sup>3</sup>/<sub>4</sub> miles northwest of Hacker Road and currently includes approximately 145,000 square feet (SF) of outpatient health services including primary care and specialty physicians, comprehensive diagnostic and testing services, emergency services, outpatient surgery, and cancer care. The purpose of this study is to identify the traffic related impacts, if any, of the proposed project on the adjacent road network. This study was conducted in accordance with accepted traffic engineering practice and guidelines published by the Institute of Transportation Engineers (ITE). Township Ordinance as well as Michigan Department of Transportation (MDOT) and Livingston County Road Commission (LCRC) standards were referenced as applicable.

The proposed development plans include construction of an approximately 150,000 square foot (SF) Hospital facility to accommodate 559 employees and 72 beds. This project is planned to be built out by 2024 and assumed to be fully occupied by that time for the purposes of this study. Access for the site is currently provided via a single signalized driveway to Grand River Avenue aligned with the 2|42 Church Driveway. Additionally, a cross access connection is provided to the adjacent Genoa Business Park which provides access additional access to a STOP controlled driveway to Grand River Avenue. The existing access locations are not proposed to change as part of the development plans. Traffic volumes that are expected to be generated by the development were forecast based on the rates and equations published by ITE in Trip Generation, as summarized below:

Lond Hee	ITE	Amazint	l lmita	Average	AM	Peak H	our	PM	Peak H	our
Land Use	Code	Amount	Units	Daily Traffic	In	Out	Total	In	Out	Total
Hospital	610	559	Employees	3,654	192	74	266	59	137	196

The Conclusions related to this Traffic Impact Study and relative analyses are as follows:

- 1. At the time of this study, traffic volumes throughout the State of Michigan were impacted by restrictions in place associated with the COVID pandemic. Therefore, historic turning movement count data collected between October, 2018 and November, 2019 was obtained and utilized to establish baseline traffic volumes.
- 2. All study intersection approaches and movements currently operate acceptably at a LOS D or better during both peak hours with the exception of the following:
  - a. The NB right-turn movement at the signalized intersection of Grand River Avenue & Latson Road currently operates at a LOS E during the AM peak hour. During the PM peak hour, the NB left-turn movement operates at a LOS E while the WB right-turn movement and SB left-turn movement operate at a LOS F.
  - b. The SB approach at the signalized intersection of Grand River Avenue & Dorr Road currently operates at a LOS E during the AM peak hour; however, the vehicle demand for this approach is only one vehicle. Therefore, preference for green time allocation is given to other movements at the intersection and the LOS E experienced is acceptable.
  - c. The WB and SB left-turn movements at the signalized intersection of Grand River Avenue & Hilton Road currently operate at a LOS E or F during the peak hours. Additionally, the WB right-turn movement operates at a LOS E during the PM peak hour.
  - d. The NB through movement at the signalized intersection of Grand River Avenue & WB I-96 Ramps currently operates at a LOS F during both peak hours. Additionally, the WB left-turn movement and right-turn movement operate at a LOS E during the AM and PM peak hours, respectively.



- e. The STOP controlled left-turn movement from the EB I-96 off-ramp to Grand River Avenue operates at a LOS E or F during both peak hours. Additionally, the STOP controlled right-turn movement operates at a LOS E during the AM peak hour.
- 3. Ambient traffic growth of 0.75% was applied to establish 2024 no-build traffic volumes **without the proposed development**. Several background developments were also identified in the study area and included in this study. Additionally, planned roadway improvements by MDOT and LCRC including construction of a DDI at the I-96 & Grand River Avenue interchange were included.
- 4. No-build (2024) conditions analyses indicate that several movements will experience degraded operations including the intersection of Grand River Avenue & Latson Road, and the left-turn movements from Latson Road to the EB and WB I-96 on-ramps. The planned DDI at the I-96 & Grand River Avenue interchange will result in improved operations for the interchange ramp terminal intersections and Hilton Road intersection.
- 5. Future build (2024) conditions analyses indicate that most study intersection approaches and movements will continue to operate acceptably; however, there are several locations with undesirable or failing conditions that are expected to worsen in the future if those movements operating at a LOS E or F are not improved under no-build conditions.
- 6. With the improvements outlined below, all study network intersections and site driveways will operate acceptably, or in a manner similar or improved compared to no-build conditions during the peak hours.

Based on the results of this study, the following should be considered to provide acceptable traffic operations due to existing deficiencies and other development projects, *regardless of the proposed Hospital:* 

- 1. Install permissive-protected left-turn phasing at the intersections of Latson Road with the EB and WB I-96 ramps.
- 2. Consider widening the Grand River Avenue & I-96 DDI crossover approaches to three lanes to increase available capacity for future growth and development.

Based on the results of this study, the following should be considered to provide acceptable traffic operations with all development projects, including the proposed Hospital:

1. Optimize signal timings at the intersection of Grand River Avenue & Latson Road.

This report is intended for use by the Township, MDOT, and LCRC to guide decisions related to development project approvals, access permitting, and identifying future roadway improvement needs. The methodologies, analyses, results, and recommendations relevant to this study are described in detail herein. *The opinions, findings, and conclusions expressed in this report are those of Bergmann and not necessarily those of the Owner, Genoa Township, MDOT, and/or LCRC*.

Prepared By: Steven J. Russo, PE Bergmann Associates





## 2.0 Project Overview

This report presents the methodologies, analyses, results, and recommendations of a Traffic Impact Study (TIS) for the proposed St. Joseph Mercy Brighton Health Center expansion in Genoa Township, Livingston County, Michigan. The project site is located on the north side of Grand River Avenue ¾ miles northwest of Hacker Road as shown on **Figure 1**. The existing facility includes approximately 145,000 square feet (SF) of outpatient health services including primary care and specialty physicians, comprehensive diagnostic and testing services, emergency services, outpatient surgery, and cancer care.

The proposed development plans include construction of an approximately 150,000 square foot (SF) Hospital facility to accommodate 559 employees and 72 beds. This project is planned to be built out by 2024 and assumed to be fully occupied by that time for the purposes of this study. Access for the site is currently provided via a single signalized driveway to Grand River Avenue aligned with the 2|42 Church Driveway. Additionally, a cross access connection is provided to the adjacent Genoa Business Park which provides access additional access to a STOP controlled driveway to Grand River Avenue. The existing access locations are not proposed to change as part of the development plans.

The study section of Grand River Avenue (I-96 BL) west of the WB I-96 off-ramp (Exit 141) and all I-96 ramp terminals are under the jurisdiction of the Michigan Department of Transportation (MDOT). All other study roadways are under the jurisdiction of the Livingston County Road Commission (LCRC). In accordance with LCRC standards a TIS is required for permitting of site access. Additionally, although no access is proposed to MDOT right-of-way, the potential impacts of the project at study intersections including the I-96 interchanges with Latson Road and Grand River Avenue may require MDOT involvement. The project is also subject to review by Genoa Township and their consultants through their site plan approval process.

The purpose of this study is to identify the traffic related impacts, if any, of the proposed project on the adjacent road network. This study therefore includes analysis of the existing site access points as well as key off-site intersections surrounding the site. Analysis of the site access points will determine appropriate lane configurations as well as traffic control to process site traffic safely and efficiently. Key off-site intersections were analyzed to determine if new site-generated traffic passing through these locations would require improvements to mitigate any impacted traffic operations.

The scope of this study was developed based on Bergmann's knowledge of the study area, understanding of the development program, accepted traffic engineering practice and information published by the Institute of Transportation Engineers (ITE). Additionally, Bergmann solicited input regarding the proposed scope of work from LCRC and MDOT. The study analyses were completed using Synchro and SimTraffic, Version 11 traffic analysis software and in accordance with the methodologies and practices published by ITE and the applicable requirements of LCRC, MDOT, and Genoa Township. This report is intended for use by LCRC, MDOT, and the Township to guide decisions related to development project approvals, access permitting, and identifying future roadway improvement needs.

## PRELIMINARY WETLAND ANALYSIS APPENDIX II

# **SMITHGROUP**

# MEMORANDUM www.smithgroup.com

PROJECT: Brighton Wetland Assessment

DATE: September 7, 2021

PROJECT NO.

PROJECT LOCATION: Brighton, MI

SUBJECT: Wetland Assessment

PREPARED BY: Neal Billetdeaux

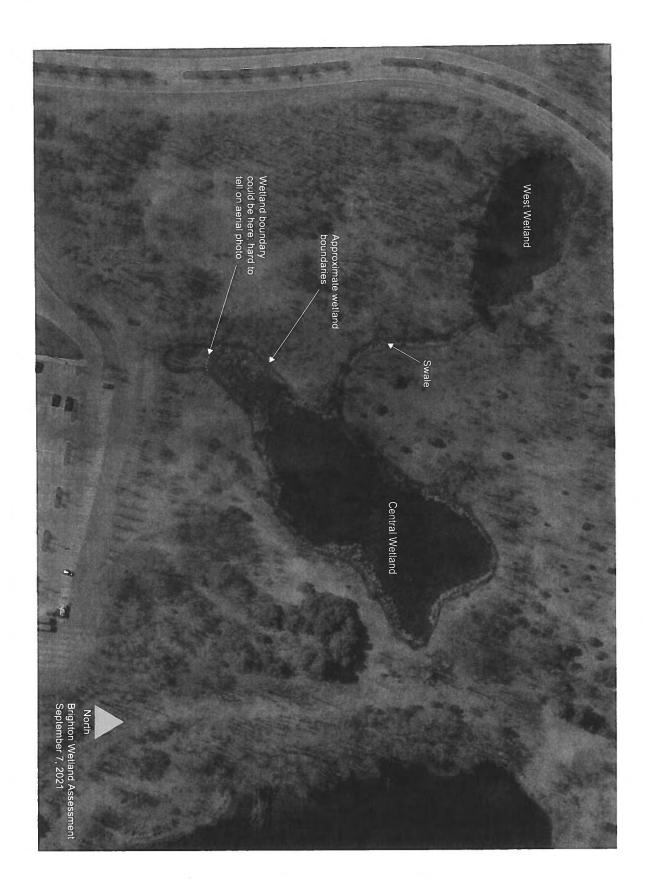
The vacant property north of the St. Joseph Mercy Brighton Health Center was visited on the morning of September 7, 2021. The Michigan Department of Environment, Great Lakes and Energy (EGLE) Wetlands Mapper indicates wetlands are present on this property. The USDA Web Soil Survey indicates hydric soils are present on this property. The approximate location of the wetland boundaries observed is shown on the attached aerial photo.

The southern tip of the central wetland is an emergent wetland dominated by purple loosestrife (*Lythrum salicaria*) and glossy buckthorn (*Frangula alnus*). The vegetation in this area showed signs of being sprayed with an herbicide in the past as very little of the purple loosestrife had flowers and most of the glossy buckthorn was dead. Other plants observed included buttonbush (*Cephalanthus occidentalis*), wool grass (*Scirpus cyperinus*) and narrow-leaved cattail (*Typha angustifolia*). All the plants observed are indicators of wetland conditions. This area contained saturated soils, evidence of standing water and transitioned into an open water wetland with an emergent fringe to the north and east.

A swale with flowing water was observed connecting an open water wetland to the west of the central wetland. The swale was dominated by reed canary grass (*Phalaris arundinacea*) and narrow-leaved cattail.

It is anticipated that the central wetland would be considered jurisdictional under Part 303, Wetland Protection, of the Natural Resources and Environmental Protection Act because it is within 500' of an inland lake (to the east) that is greater than 5 acres in size. The open water wetland to the west would also be considered jurisdictional because it has a direct surface connection to the central wetland.

This wetland assessment was completed for planning purposes. A formal wetland delineation in accordance with EGLE procedures would be required to locate and survey the wetland boundaries if more accurate information is required.

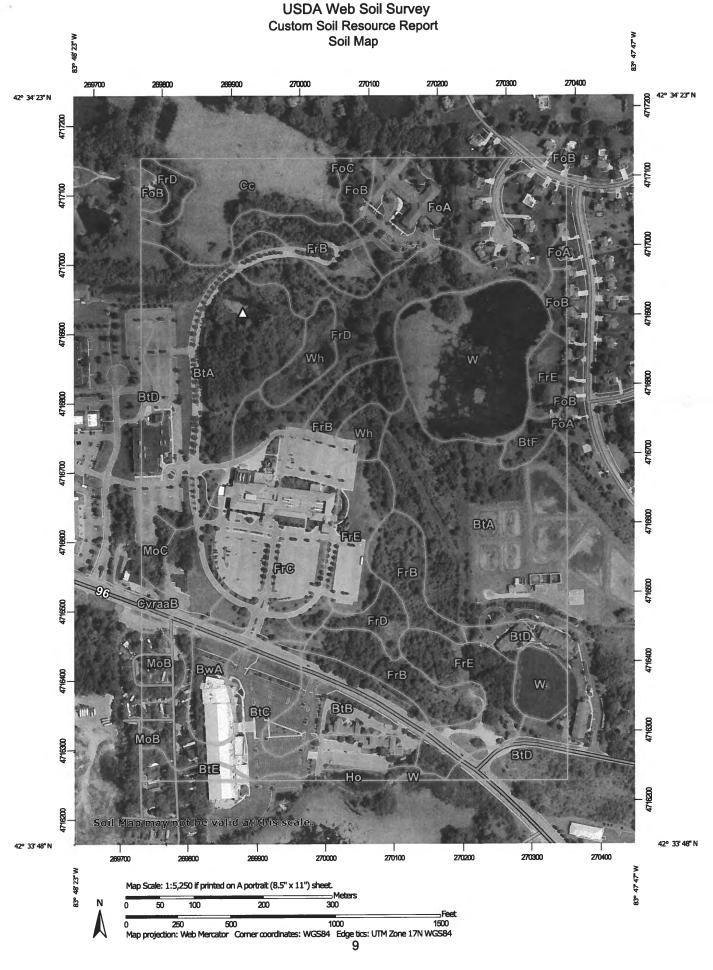


# Department of Environment, Great Lakes, and Energy Wetlands Map Viewer



Part 303 Final Wetlands Inventory

- Wetlands as identified on NWI and MIRIS maps
- Soil areas which include wetland soils
- Wetlands as identified on NWI and MIRIS maps and soil areas which include wetland soils



## TITLE SEARCH APPENDIX III

Order No: C000125006

Friendly Name: 7575 Grand River

#### INFORMATIONAL TITLE REPORT

#### **SCHEDULE A**

- 1. Effective Date: November 24, 2021, 8:00 AM
- 2. Fee Simple interest in the land described in this commitment is owned, at the commitment date by: Mercy Health Services, a Michigan non-profit corporation, and Trinity Continuing Care Services, a Michigan non-profit corporation, as their interests appear of record
- 3. The land referred to in this Commitment is described as follows:

Land situated in the Township of Genoa in the County of Livingston in the State of MI

(See Attached Exhibit A - Legal Description)

Client Reference: 7575 Grand River Genoa, MI 48114

This report contains information from public land records available in the county indicated above for whose accuracy and completeness we assume no responsibility. This report is released with the understanding that it is strictly confidential and only to be used by the party requesting it. This report is not to be construed as an opinion of title or as a commitment for title insurance. For matters of a legal nature, we suggest you contact your attorney. The liability of Amrock, LLC is limited to the amount paid for this report. Amrock, LLC assumes no liability, financial or otherwise, in association with the information in this report.

Issued By: Amrock, LLC

662 Woodward Ave. Detroit, MI 48226 Phone: (800) 594-1044 Questions? Contact:

Fax: Email:

Website: www.amrock.com

Order No: C000125006 Friendly Name: 7575 Grand River

# SCHEDULE B - Part I (Requirements)

1. This report is for informational purposes only.

**2. TAXES**: 4711-13-200-009

TAX INFORMATION GENOA TOWNSHIP 2911 DORR RD, BRIGHTON, MI 48116 (810) 227-5225

Property Tax ID: 4711-13-200-009

Tax Type: Summer Tax Year: 2021

Next Bill Date: 07/01/2022 Duplicate Bill Fee: \$0.00 Payment Frequency: ANNUAL

Paid/Due	Due Date	Delinquent Date	Amount	Amount Paid	Remaining Balance
Paid	07/01/2021	09/15/2021	\$0.00	\$0.00	None
Comments:					

TAX INFORMATION GENOA TOWNSHIP 2911 DORR RD, BRIGHTON, MI 48116 (810) 227-5225

Property Tax ID: 4711-13-200-009

Tax Type: Winter Tax Year: 2021

Next Bill Date: 12/01/2022 Duplicate Bill Fee: \$0.00 Payment Frequency: ANNUAL

Paid/Due	Due Date	Delinquent Date	Amount	Amount Paid	Remaining Balance
Paid	12/01/2021	03/01/2022	\$0.00	\$0.00	None
Comments:					

Order No: C000125006 Friendly Name: 7575 Grand River

## SCHEDULE B - PART II (Exceptions)

If a Policy of Policies are requested, Schedule B of the policy or policies to be issued will contain exceptions to the following matters unless the same are disposed of to the satisfaction of the Company:

- 1. Any defect, lien, encumbrance, adverse claim, or other matter that appears for the first time in the Public Records or is created, attaches, or is disclosed between the Commitment Date and the date on which all of the Schedule B, Part I Requirements are met.
- 2. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land.
- 3. Rights or claims of parties in possession not shown by the Public Records.
- 4. Easements or claims of easements not shown by the Public Records.
- 5. Any lien or rights to lien for services, labor or material, heretofore or hereafter furnished, imposed by law and not shown by the Public Records.
- 6. Taxes and assessments that have become a lien against the property but are not yet due and payable. The Company assumes no liability for tax increases occasioned by retroactive revaluation, changes in the land usage or loss of any exemption status for the insured premises.
- 7. Release of Right of Way granted to the Board of County Road Commissioners of the County of Livingston, State of Michigan, recorded January 20, 1925 in <u>Liber 153, Page 81</u>.
- 8. Right of Way Agreement Overhead S/L Individual granted to The Detroit Edison Company, recorded April 5, 1984 in Liber 1090, Page 40.
- 9. Easement granted to Michigan Bell Telephone Company recorded October 17, 1994 in Liber 1872, Page 809.
- 10. Detroit Edison Overhead Easement (Right of Way), granted to The Detroit Edison Company, recorded February 22, 2000 in Liber 2728, Page 875.
- 11. Permanent Utility Easement granted to the Township of Genoa, recorded July 27, 2000 in Liber 2803, Page 165.
- 12. Ground Lease between Trinity Health Michigan, a Michigan nonprofit corporation, doing business as Mercy Health Services ("Lessor"), and Village at Brighton, L.L.C., a Michigan limited liability company ("Lessee"), dated February 1, 2001 and recorded February 15, 2001 in <u>Liber 2910</u>, <u>Page 668</u>.
- 13. Non-Exclusive Easement, Right-of-Way and Maintenance Agreement (Utilities), in favor of the Village at Brighton, L.L.C., a Michigan limited liability company, recorded February 15, 2001 in <u>Liber 2910, Page 724</u>.
- 14. Non-Exclusive Easement, Right-of-Way and Maintenance Agreement (Utilities), in favor of the Village at Brighton, L.L.C., a Michigan limited liability company, recorded February 15, 2001 in <u>Liber 2910, Page 731</u>.
- 15. Non-Exclusive Easement, Right-of-Way and Maintenance Agreement (Utilities), in favor of the Village at Brighton, L.L.C., a Michigan limited liability company, recorded February 15, 2001 in <u>Liber 2910, Page 739</u>.
- 16. Non-Exclusive Easement, Right-of-Way and Maintenance Agreement (Access and Utilities), in favor of the Village at Brighton, L.L.C., a Michigan limited liability company, recorded February 15, 2001 in <u>Liber 2910</u>, <u>Page 746</u>.
- 17. Non-Exclusive Easement, Right-of-Way and Maintenance Agreement (Utilities), in favor of the Village at Brighton, L.L.C., a Michigan limited liability company, recorded February 15, 2001 in <u>Liber 2910, Page 754</u>.
- 18. Non-Exclusive Easement, Right-of-Way and Maintenance Agreement (Utilities), in favor of the Village at Brighton, L.L.C., a Michigan limited liability company, recorded February 15, 2001 in <u>Liber 2910, Page 775</u>.
- 19. Non-Exclusive Easement, Right-of-Way and Maintenance Agreement (Access and Utilities), in favor of the Village at Brighton, L.L.C., a Michigan limited liability company, recorded February 15, 2001 in <u>Liber 2910</u>, <u>Page 782</u>.

Order No: C000125006 Friendly Name: 7575 Grand River

20. Non-Exclusive Easement, Right-of-Way and Maintenance Agreement (Utilities), in favor of the Village at Brighton, L.L.C., a Michigan limited liability company, recorded February 15, 2001 in <u>Liber 2910</u>, <u>Page 789</u>.

- 21. Non-Exclusive Easement, Right-of-Way and Maintenance Agreement (Utilities), in favor of the Village at Brighton, L.L.C., a Michigan limited liability company, recorded February 15, 2001 in Liber 2910, Page 796.
- 22. Non-Exclusive Easement, Right-of-Way and Maintenance Agreement (Utilities), in favor of the Village at Brighton, L.L.C., a Michigan limited liability company, recorded February 15, 2001 in Liber 2910, Page 804.
- Association, a national banking association organized and existing under the laws of the United States of America ("Bond Trustee"), and Fannie Mae, a federally-chartered and stockholder-owned corporation organized and exiting under the Federal National Mortgage Association Charter Act, 12 U.S.C. § 1716, et seq., as a beneficiary, in the principal amount of \$12,270,000.00, dated February 1, 2001 and recorded February 15, 2001 in <a href="Liber 2910">Liber 2910</a>, Page 811. Assignment by and among Michigan Strategic Fund (the "Issuer"), a Michigan corporation, U.S. Bank Trust National Association (together with any successor trustee, the "Trustee"), a national banking association, not in its individual or corporate capacity, but solely as trustee, to Fannie Mae, a corporation organized and existing under the Federal National Mortgage Association Charter Act, 12 U.S.C. § 1716 et seq., as amended, Glaser Financial Group, Inc. (the "Loan Servicer"), a Minnesota corporation, and Village at Brighton, L.L.C. (the "Borrower"), a Michigan limited liability company, dated February 1, 2001 and recorded February 15, 2001 in Liber 2911, Page 9.
- 24. Financing Statement between Village at Brighton, L.L.C., as Debtor, and Comerica Bank, as Secured Party, recorded February 15, 2001 in <u>Liber 2910, Page 925</u>. Continuations recorded September 9, 2005 in <u>Liber 4907, Page 880</u>; recorded October 12, 2010 in <u>Instrument No. 2010R-027470</u>; recorded September 25, 2020 in <u>Instrument No. 2020R-033666</u>.
- Mortgage executed by Village at Brighton, L.L.C., a Michigan corporation, to Glaser Financial Group, Inc., a Minnesota corporation, in the principal amount of \$12,270,000.00, dated February 1, 2001 and recorded February 15, 2001 in Liber 2910, Page 933. Said Mortgage was assigned from Glaser Financial Group, Inc., a Minnesota corporation, to Fannie Mae by Assignment of Mortgage dated February 1, 2001 and recorded February 15, 2001 in Liber 2911, Page 2. Assignment by and among Michigan Strategic Fund (the "Issuer"), a Michigan corporation, U.S. Bank Trust National Association (together with any successor trustee, the "Trustee"), a national banking association, not in its individual or corporate capacity, but solely as trustee, to Fannie Mae, a corporation organized and existing under the Federal National Mortgage Association Charter Act, 12 U.S.C. § 1716 et seq., as amended, Glaser Financial Group, Inc. (the "Loan Servicer"), a Minnesota corporation, and Village at Brighton, L.L.C. (the "Borrower"), a Michigan limited liability company, dated February 1, 2001 and recorded February 15, 2001 in Liber 2911, Page 9.
- 26. Detroit Edison Overhead Easement (Right of Way), granted to The Detroit Edison Company recorded June 26, 2001 in <u>Liber 3032</u>, <u>Page 336</u>.
- 27. Permanent Utility Easement granted to the Township of Genoa recorded May 3, 2006 in <u>Instrument No. 2006R-001225</u>.
- 28. Amendment to Planned Unit Development Agreement recorded January 16, 2019 in <u>Instrument No. 2019R-001392</u>.
- 29. Notice: Please be aware that due to the conflict between federal and state laws concerning the cultivation, distribution, manufacture or sale of marijuana, the Company is not able to close or insure any transaction involving Land that is associated with these activities.
- 30. Loss or damage sustained as a result of the failure to have the tax assessed legal description reassessed to accurately describe the land insured herein.
- 31. Rights of tenants now in possession of the land under unrecorded leases or otherwise.
- 32. Rights of the public and any governmental unit in any part of the land taken, deeded or used for street, road or highway purposes.
- 33. Rights of the public and adjoining riparian owners in any part of subject property lying beneath the waters of unnamed bodies of water.

Order No: C000125006 Friendly Name: 7575 Grand River

34. Any adverse claim based on the assertion that the bed of unnamed bodies of water have changed location as a result of other than natural causes.

- 35. Any adverse claim that a portion of subject premises has been created by artificial means or has accretion to such portion so created.
- 36. Interest of others in oil, gas and mineral rights, if any, whether or not recorded in the Public Records.
- 37. Interest, if any, of the United States, State of Michigan, or any political subdivision thereof, in the oil, gas and minerals in and under and that may be produced from the captioned Land.

NOTE: Any map/plat that is furnished is only an aid in locating the herein described Land in relation to adjoining streets, natural boundaries and other land, and is not a survey of the land depicted. Except to the extent a policy of title insurance is expressly modified by endorsement, if any, the Company does not insure dimensions, distances, location of easements, acreage or other matters shown thereon.

Order No: C000125006 Friendly Name: 7575 Grand River

NOTE: This report and any policy issued pursuant hereto omits any covenant, condition or restriction based on race, color, religion, age, sex, handicap, familial status or national origin, unless and only to the extent that the restriction is not in violation of state or federal law, or relates to a handicap, but does not discriminate against handicapped people.

#### **EXHIBIT A - LEGAL DESCRIPTION**

Tax Id Number(s): 4711-13-200-009

Land situated in the Township of Genoa, Livingston County, State of Michigan, more particularly described as:

A part of the West 1/2 of the Northeast 1/4 and part of the West 1/2 of the Southeast 1/4. Section 13. Town 2 North. Range 5 East, Genoa Township, Livingston County, Michigan, described as follows: Beginning at the North 1/4 corner of said Section 13; thence South 87° 58' 14" East along the North line of said Section 1348.27 feet; thence South 00° 14' 31" West 2496.64 feet; thence South 89° 15' 27" West 7.47 feet; thence South 00° 44' 33" East 92.85 feet; thence North 88° 07' 15" West 38.78 feet; thence South 00° 44' 33" East 250.00 feet to the centerline of Bendix Road; thence South 76° 18' 59" East along said centerline 41.48 feet; thence South 00° 14' 31" West 129.69 feet to the centerline of Grand River Avenue; thence along said centerline on an arc left, having a length of 1095.39 feet, a radius of 3404.83 feet, a central angle of 18° 26' 19" and a chord which bears North 59° 55' 42" West 1090.67 feet; thence continuing along said centerline North 69° 08' 51" West 419.11 feet to the North-South 1/4 line of said Section; thence North 00° 01' 00" East along said 1/4 line 2329.81 feet to the point of beginning. EXCEPTING THEREFROM, part of the Northeast 1/4 of Section 13, Town 2 North, Range 5 East, Genoa Township, Livingston County, Michigan, described as follows: Commencing at the Northeast corner of said Section 13; thence along the North line of said Section, using the North 1/4 corner of said Section 13, as set by Boss Engineering, North 87° 58' 25" West 1348.43 feet (recorded by Boss Engineering as North 87° 58' 14" West 1348.27 feet) to the point of beginning of the land to be described; thence along a line previously surveyed and monumented by Boss Engineering, South 00° 14' 31" West 0.22 feet to a found 1/2" iron rod and cap; thence continuing along said line South 00° 14' 31" West 762.97 feet to a set iron rod on the Northerly water's edge of a pond; thence perpendicular to the previous line, North 89° 45' 29" West 6.54 feet to a set iron rod in said pond; thence along a line delineated by a found Clay Gordon iron to the South and a point on the North, called for in a survey by George H. Ruhling and Company, Registered Civil Engineers of Detroit, Michigan, for John F. Linehan, dated June 21, 1927 and having Job Number 399, North 00° 10' 44" East 8.08 feet to a set iron rod on the Northerly water's edge of said pond; thence continuing along said line North 00° 10' 44" East 755.51 feet to a point on the North Section line of said Section, that is 1355.60 feet West of the Northeast corner of said Section 13 and called for in the Ruhling survey drawing; thence South 87° 58' 25" East 7.38 feet along the North line of said Section to the point of beginning.

Client Reference: 7575 Grand River, Genoa, MI 48114

#### **Exhibit A**

Tax Id Number(s): 4711-13-200-009

Land situated in the Township of Genoa, Livingston County, State of Michigan, more particularly described as:

A part of the West 1/2 of the Northeast 1/4 and part of the West 1/2 of the Southeast 1/4, Section 13, Town 2 North, Range 5 East, Genoa Township, Livingston County, Michigan, described as follows: Beginning at the North 1/4 corner of said Section 13; thence South 87° 58' 14" East along the North line of said Section 1348.27 feet; thence South 00° 14' 31" West 2496.64 feet; thence South 89° 15' 27" West 7.47 feet; thence South 00° 44' 33" East 92.85 feet; thence North 88° 07' 15" West 38.78 feet; thence South 00° 44' 33" East 250.00 feet to the centerline of Bendix Road; thence South 76° 18' 59" East along said centerline 41.48 feet; thence South 00° 14' 31" West 129.69 feet to the centerline of Grand River Avenue; thence along said centerline on an arc left, having a length of 1095.39 feet, a radius of 3404.83 feet, a central angle of 18° 26' 19" and a chord which bears North 59° 55' 42" West 1090.67 feet; thence continuing along said centerline North 69° 08' 51" West 419.11 feet to the North-South 1/4 line of said Section; thence North 00° 01' 00" East along said 1/4 line 2329.81 feet to the point of beginning. EXCEPTING THEREFROM, part of the Northeast 1/4 of Section 13, Town 2 North, Range 5 East, Genoa Township, Livingston County, Michigan, described as follows: Commencing at the Northeast corner of said Section 13; thence along the North line of said Section, using the North 1/4 corner of said Section 13, as set by Boss Engineering, North 87° 58' 25" West 1348.43 feet (recorded by Boss Engineering as North 87° 58' 14" West 1348.27 feet) to the point of beginning of the land to be described; thence along a line previously surveyed and monumented by Boss Engineering, South 00° 14' 31" West 0.22 feet to a found 1/2" iron rod and cap; thence continuing along said line South 00° 14' 31" West 762.97 feet to a set iron rod on the Northerly water's edge of a pond; thence perpendicular to the previous line, North 89° 45' 29" West 6.54 feet to a set iron rod in said pond; thence along a line delineated by a found Clay Gordon iron to the South and a point on the North, called for in a survey by George H. Ruhling and Company, Registered Civil Engineers of Detroit, Michigan, for John F. Linehan, dated June 21, 1927 and having Job Number 399, North 00° 10' 44" East 8,08 feet to a set iron rod on the Northerly water's edge of said pond; thence continuing along said line North 00° 10' 44" East 755.51 feet to a point on the North Section line of said Section, that is 1355.60 feet West of the Northeast corner of said Section 13 and called for in the Ruhling survey drawing; thence South 87° 58' 25" East 7.38 feet along the North line of said Section to the point of beginning.

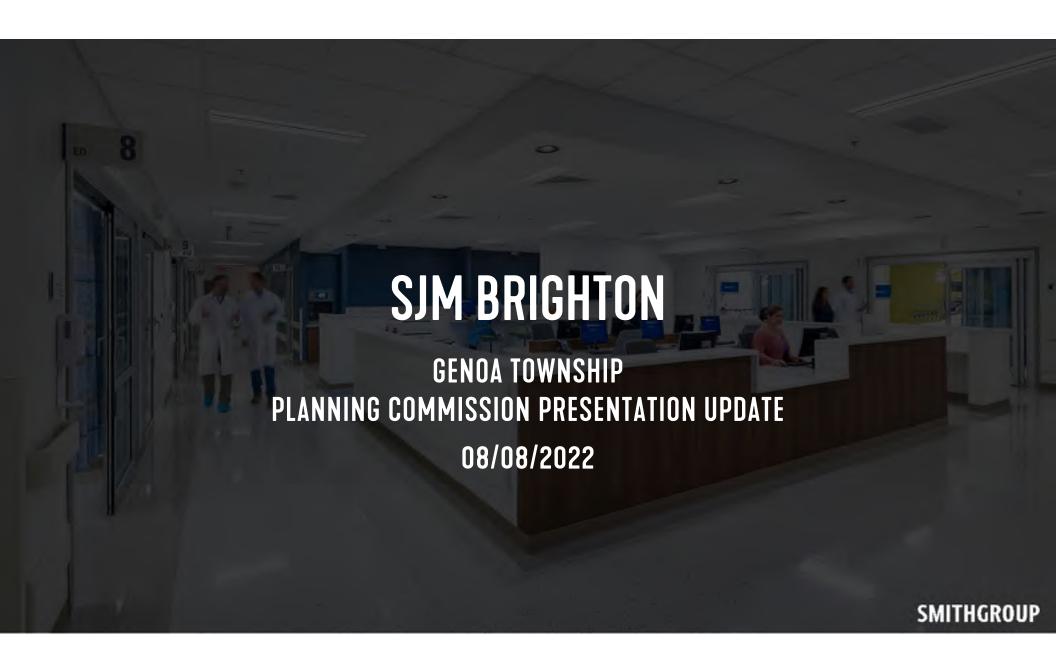
Client Reference: 7575 Grand River, Genoa, MI 48114



# **Brighton Project**

Genoa Township Update

August 8, 2022



### COMMENTS FROM GENOA TOWNSHIP MEETING OF JULY 11, 2022

- Traffic study, vehicle load, site egress
- Detention and storm sewer design
- Wetland permit status EGLE
- Fire access lane width now shown on construction documents
- Building height clarified
- Material codes on Sheet A4.1.1
- Rendering of view from Grand River Ave
- Enclosure at loading dock
- Revised PUD language

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### TRAFFIC STUDY

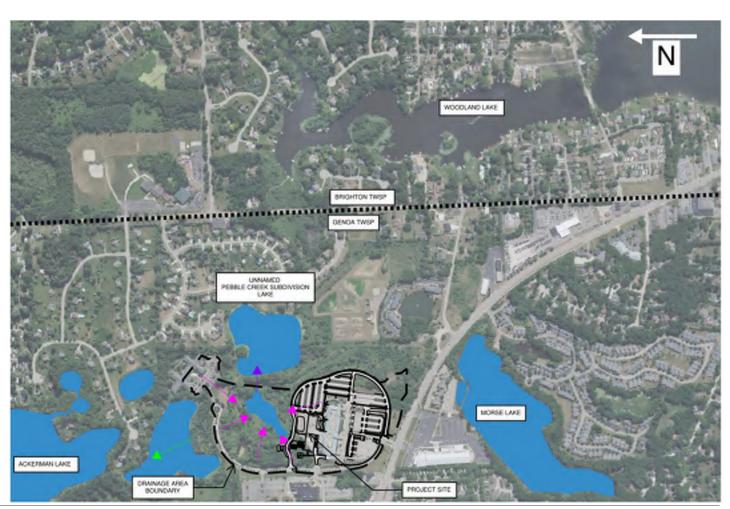
- **No additional improvements are necessary** as a result of the additional traffic volumes from the proposed multi-family residential development project
- Conclusions and recommendations from the original TIS remain acceptable

Intersection Cont	Control	Time Period	Scenario	SB Left		SB Right	
	Control			Volume	Delay (s/veh)	Volume	Delay (s/veh)
	Avenue &	AM Peak	Existing	56	38.2	34	36.5
Grand River Avenue &			No-Build	58	38.4	35	31.3
St. Joseph			Build	96	42.0	69	30.2
Health /		Signal PM Peak	Existing	135	38.5	75	33.9
2 42 Church			No-Build	140	41.9	78	31.8
Drive			Build	211	53.6	141	29.2

**SMITHGROUP** 

#### **EXISTING AREA SITE PLAN**

- Improves Stormwater Management
- Wetland boundary defined by existing site draining to localized detention pond
- Brighton Township defers to Livingston County Drain Commission (LCDC) for Stormwater Review (Email from Brighton Twp provided to Genoa Township)
- No direct discharge from unnamed Pebble Creek subdivision lake to Woodland Lake. Groundwater movement directed to unnamed lake.



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### **FEMA FLOOD MAP**

 Unnamed Pebble Creek lake not within 100-year floodplain

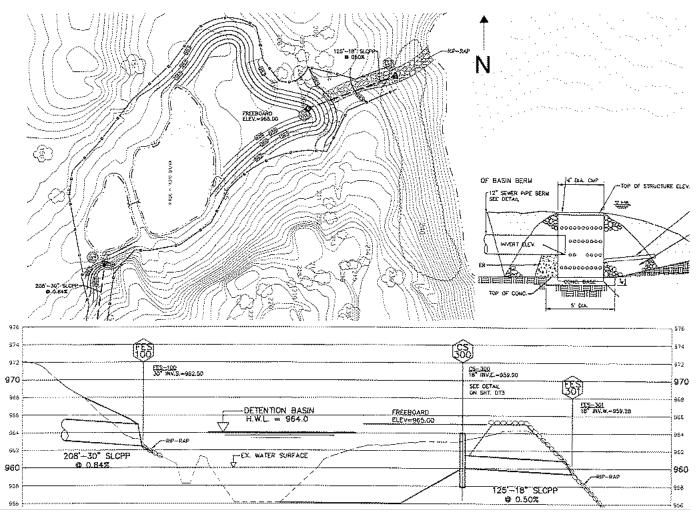
smithgroup.com



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#### **RECORD DRAWINGS**

- 1999 Record Drawings of Mercy Health Services: Brighton Ambulatory Health Center
- History of drainage pattern: Golf course water hazard to detention pond
- Outlet control structure: Perforated pipe prone to clogging. Design water surface elevation (WSE): 959.9
- Current state of outlet control structure.
- Current extent of wetland formed at 961.5.



Irin

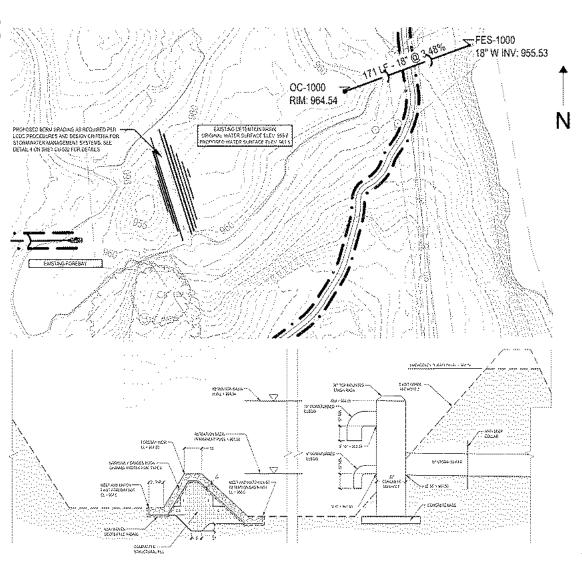
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#### PROPOSED IMPROVEMENTS

- To minimize wetland impacts, detention pond will maintain existing WSE of 961.5.
- Utilized new LCDC Procedures and Design Criteria for Stormwater Management Systems, Adopted March 2022
- Proposed Improvements: Berm regrading to separate forebay and detention pond, replacement of outlet control structure and pipe, and providing bioretention.
- Requirement is to treat the increase in impervious cover due to new improvements (4.8 acres). Proposed stormwater improvements treats the impervious cover of the entire site, existing and proposed (20 acres), up to new LCDC peak rate requirements.
- Also, due to downstream limitations, Livingston County has required enhanced peak control of the 100-year storm: 0.15 CFS/ACRE vs 0.346 CFS/ACRE. Our site provides 0.13 CFS/ACRE.
- Bioretention ponds provide infiltration for new impervious surfaces. Volume of runoff leaving the site will remain the same as predevelopment conditions.



**SMITHGROUP** 

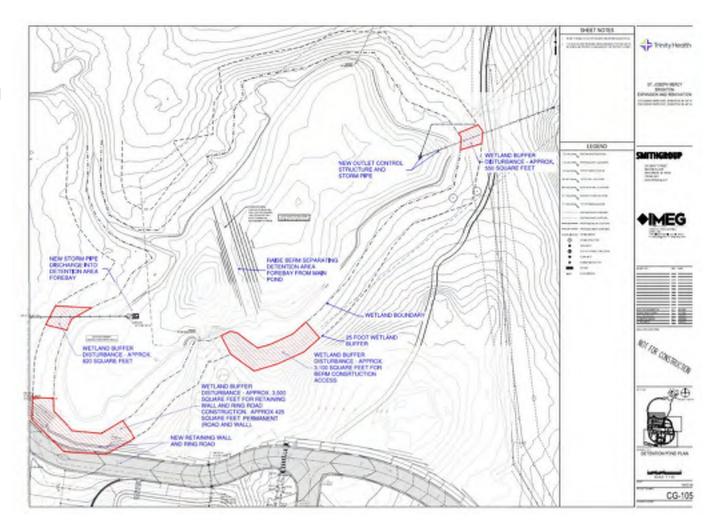
smithgroup.com

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#### **WETLANDS**

- EGLE permitting underway
- Maintaining existing wetland habitat at water's edge
- Minor reconfiguration of pond with berm construction
- Wetlands buffer zone minimally impacted

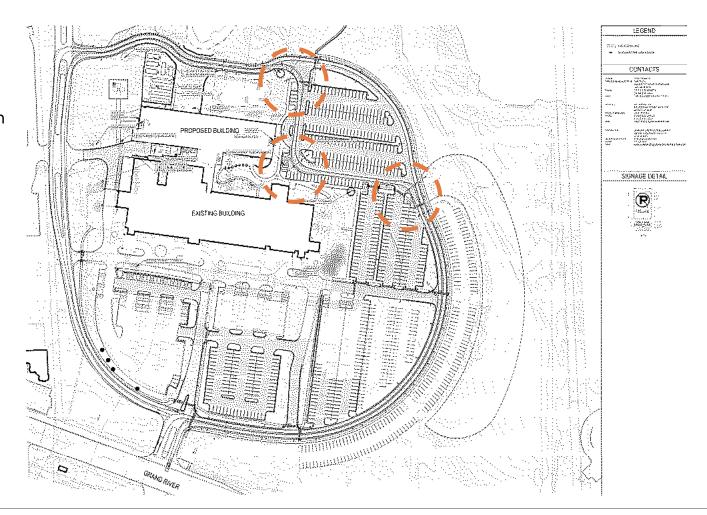
smithgroup.com



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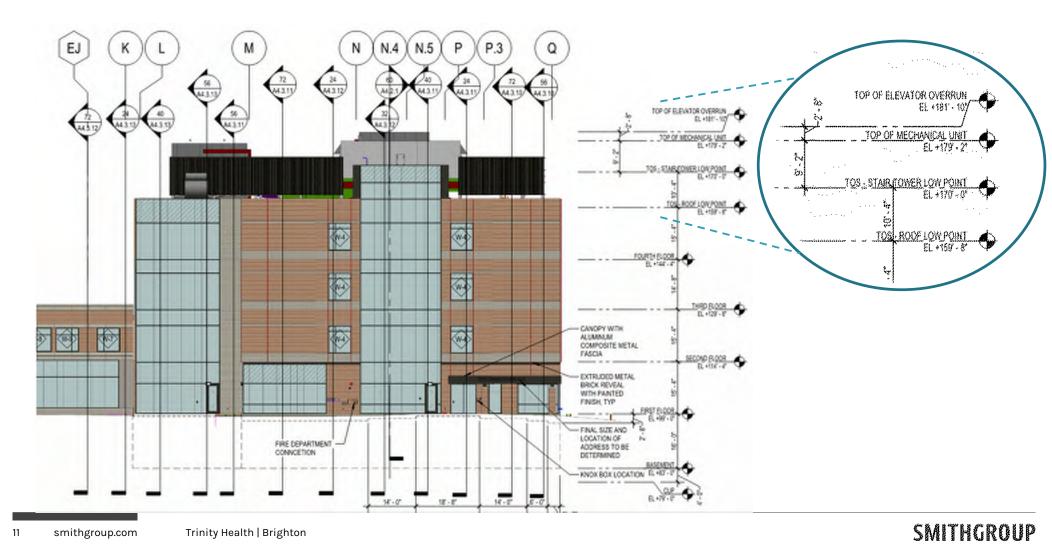
### FIRE ACCESS LANE UPDATES NOW INCORPORATED ON DRAWINGS

- Three lanes in the northeast corner of the site (two right turns and one left turn) have been widened to nearly double the width reviewed by BAFA.
- Changes are incorporated in construction documents.



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#### **EXTERIOR ELEVATION INDICATING BUILDING HEIGHT**



123











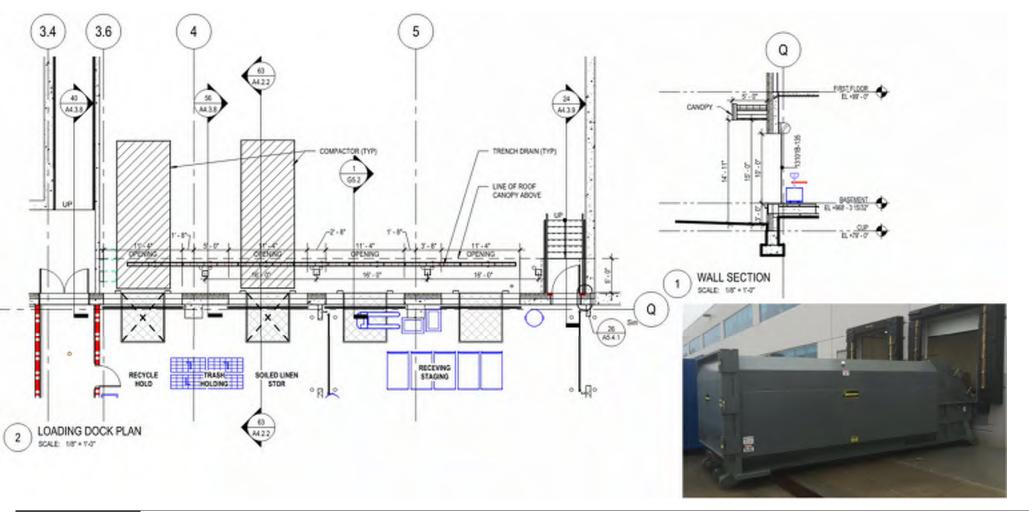








### **REFUSE CONTAINER AND DOCK PLAN**



smithgroup.com Trinity Health | Brighton SMITHGROUP



#### DETAIL OF COMMENTS FROM PREVIOUS MEETING

- Address questions regarding traffic study, vehicle load, and site egress.
  - Refer to clarification letter by traffic engineer, submitted to Genoa Township on July 20, 2022, and addendum dated August 1, 2022.
  - Regarding additional traffic volumes anticipated from the Dorr/Grand River apartment development
- If a wetland permit is required, approval should be obtained from EGLE for any proposed work within the wetlands and for using the wetlands for
  - detention. This approval should be provided prior to site plan approval.
    - EGLE permitting for work within the wetland areas is underway.
    - Wetlands buffer addressed in PUD.
- Fire lane adjustments
  - The parking layout has been adjusted to accommodate apparatus truck circulation without entering opposing travel lanes.
  - Drawing of widened lanes were submitted to Genoa Township on July 20, 2022, and is included in this slide deck.
- Detention and storm sewer calculations, including structure sizing, should be included as part of the site plan submittal.
  - Updated detention and storm sewer calculations have been submitted to Livingston County Drain Commission.
  - Clarified that pond does not drain directly into Woodland Lake.
  - Overview of area drainage is provided in this slide deck.
  - Brighton Township has no jurisdiction. Defers to LCDC.
- Further clarify extent of enclosure at loading dock.
  - Views of loading dock and utility yard are provided and are included in this slide deck.
- Material codes are on Sheet A4.1.1. Construction documents coordinated and submitted to Genoa Township.
  - The GRAPHIC LEGEND and EXTERIOR MATERIAL LEGEND shown on sheet A4.1.1 should be used for referencing the exterior materials.
- View from street to building, looking over the existing facility. Submitted and Included in slide deck.
- Revised PUD language that addresses items discussed in the meeting of July 11, 2022, has been submitted to Genoa Township.
  - Building height, A4.1.1, (Item 5), signage, parking, compactor enclosure.

SMITHGROUP

## MEMORANDUM www.smithgroup.com

PROJECT St. Joseph Mercy Brighton DATE 8/17/2022

Expansion and Renovation

PROJECT NO. 13472.000

PROJECT Genoa Township, Michigan

LOCATION

SUBJECT Livingston County Drain Commission

(LCDC) Stormwater Review Comments No. 2, August 5, 2022

PREPARED BY C. Pozolo, M. Campos,

T. Vandermuss

Below please find responses to the Livingston County Drain Commission Stormwater Review comments included in the letter dated August 5, 2022, from Kenneth E. Recker, II, PE, Chief Deputy Drain Commissioner, Livingston County Drain Commission, to Mr. Michael Campos, PE, Senior Civil Engineer, SmithGroup.

These responses were derived from an online meeting discussion with these attendees, held August 17, 2022:

Kenneth E. Recker, II, P.E. Chief Deputy Drain Commissioner

Paul Lewsley Environmental Engineers

Dave Raymond Trinity / St. Joseph Mercy Brighton
Tiffany Spano Trinity / St. Joseph Mercy Brighton
Ryan Snellenberger Granger Construction Company
Sharon Ruonavaara Granger Construction Company

Cindy Pozolo SmithGroup
Dino Lekas SmithGroup
Michael Campos SmithGroup
Tony Vandermuss SmithGroup

- Complete letter is attached to this Memorandum.
- Excerpted comments are below.
- Responses and meeting notes are typed in italics.
- 1.) Site Topographic Survey The Topographic Survey should show the existing detention basin outlet structure and discharge pipe together with complete pipe size, rim and invert information. Any existing overflow spillway should also be shown, along with its crest elevation.
  - Response: SSI was contracted by Granger Construction Company to survey existing pond bathemetry and associated outlet infrastructure. That survey information is referenced in SmithGroup construction documents (CDs). Reviewer requested that survey of existing spillway be provided, and that preferred strategy is that top of outlet not be over the spillway.
  - Post Meeting Note: Based on unknown condition and capacity of existing spillway, a new spillway is to be constructed to achieve proper elevation, capacity, and adjusted pathway required by PUD. Rework of existing spillway cannot ensure compliance. Revised spillway plan and details is included in package being resubmitted to LCDC.
- 2.) Drainage Area Plan There are additional site areas to the north and east of the Village Center, and to the north and west of its access road, which should be included in the existing detention basin's tributary area. The following additional drainage area related items should also be addressed on the plans: Response: P. Lewsly noted that existing LCDC plans show that much of the runoff is going into the water detention storage area on Trinity property. There are many areas along the main driveway where adjoining property is higher than curb line so those areas must be counted along with other inlets. The design team will revise the contributing areas to include the additional areas noted by P. Lewsley.

## MEMORANDUM www.smithgroup.com

- Design team evaluated the northeast quadrant of the building drains, up and around the new construction.
- Design team noted that this information was not noted in the first review.
   P. Lewsley noted that they did not have all the information that they have now.
- T. Vandermuss noted that the entire site -- not just the project area -- will be increased to new standards. Design Team noted that, if recalculated tributary loads exceed pond capacity, the recalculated volume could be adjusted to apply the new March 2022 guidelines to only the project area. Reviewers reiterated intent to review to newest criteria.

K. Recker of LCDC raised new topic related to an adjacent tributary area. He advised that the region was not developed with an overall stormwater drainage plan and overall drainage outlet suitable to the level of ongoing development. Ackerman Lake does not have a surface drainage outlet and that water migrates/discharges into the ground. It probably discharges into the pond of which Trinity is now partial owner.

- If Ackerman Lake property owners request an outlet then LCDC would have to request an easement through Trinity property.
- Dave Raymond noted that the intent is to be good neighbors and agreed that the issues could be addressed in the future. Reviewers agreed that such a consideration and easement is not within the scope of this project.
- a.) More existing contour labels should be shown on Sheet CG-101 to help clarify the existing drainage patterns.
  - Response: SmithGroup to add contour labels to CG-101 where larger scale plans or additional drawing do not provide sufficient annotations to clarify.
- b.) The notes indicating the tributary area and "C" value of each drainage area on Sheet CG-101 should include the number of the corresponding drainage structure. In some areas, it is currently difficult to determine which information applies to which structure. I suggest presenting this information in tabular format for the purpose of clarity.
  - Response: SmithGroup to clarify tributary areas in tabular form.
- c.) Drainage area information should be shown for the proposed catch basins located at south end of the existing parking lot expansion which are to connect to the existing storm sewer flowing around the west side of the building.
  - After P. Lewsley advised that he was referring to the very south end of the site, T. Vandermuss clarified that the design directs that area into a manhole. P. Lewsley noted that additional pipes also must be accounted for.
  - Response: SmithGroup will add these pipes to the conveyance calculations and tabular data.
- d.) The bioretention tributary area plans provided in the project stormwater narrative should be included on the Construction Plans.
  - Response: SmithGroup to organize the structure data tables to be specific to each receiving body on CG-101, such that the contributing area to each bioretention basin and the forebay can be easily identified.
- 3.) Stormwater Detention/Infiltration The tributary area and runoff coefficient used in the detention basin design calculations should be revised to include the previously mentioned additional site areas draining to the basin. The weighted average "C" value calculations should be added on Sheet CU-502 of the plans. The following additional stormwater detention/infiltration related items should also be addressed on the plans.
  - Response: SmithGroup will add the C-value calculations to the CDs versus in the narrative where it is currently noted.
    - a.) The required forebay volume must be stored above the outlet elevation. To accomplish this, the top of proposed separation berm should be raised to approximately Elevation 963.0. An outlet control structure and an overflow spillway should be provided between the forebay and the detention basin. The orifice design for this outlet structure should be based on the same discharge rate used to control the extended detention volume discharge from the detention basin.

### MEMORANDUM www.smithgroup.com

- Response: Based on the revised tributary load and calculation, SmithGroup will submit revised CDs that indicate a higher berm elevation and include a forebay outlet control device.
- b.) The currently proposed 100-year storm orifice design will result in a discharge exceeding the 0.15 CFS/acre maximum allowable rate. The full hydraulic head, rather than the average head, should be used when designing the 100-year storm outlet control.

  Response: SmithGroup will submit revised calculations and tabular data using the average head for Extended Detention orifice sizing and the total head for 100-year orifice sizing calculations. These updates will be included in the revised CD set.
- c.) Plan and profile views of the proposed detention basin outlet should be included in the plans. The outlet pipe should discharge within 2 feet of the downstream water surface to minimize the potential for erosion.
  - Response: Refer to detailed response in Item No. 1.) of this report. Outlet pipe location will be relocated to be 2 feet from the downstream water surface and along a different alignment from the spillway. A profile is included in the resubmitted CDs.
- d.) A rip-rap lined detention basin overflow spillway, capable of conveying the 10-year storm flow should be provided, if one does not currently exist.

  Response: Refer to detailed response in Item No. 1.) of this report. A new spillway will be placed along the alignment of the existing spillway.
- e.) The proposed West Bioretention Area grading should be shown on Sheet CG-102. Its outlet control structure invert elevation must be lower than the FES-700 inlet invert elevation. Response: SmithGroup to resubmit CDs, already updated to show additional information requested.
- f.) The Bioretention Detail provided on Sheet CU-502 should specify the proposed bottom area, bottom elevation and complete outlet structure information for each of the bioretention areas. This information can be provided in tabular form and should include the outlet control structure diameter, which should be no less than 3 feet, its rim and invert elevations and its outlet pipe diameter.
  - Response: T. Vandermuss noted that minimum areas are included on plan. SmithGroup will add the information to the detail too. Tables will be adjusted to include diameter in plan P. Lewsley requested that all overflows be 36" minimum diameter in accordance with updated requirements, for ease of future cleanup. Project would need to add 4' manhole to north bioretention basin to comply with 36" minimum design requirement to be outlined in future design criteria. T. Vandermuss noted that assumed access was from manhole 600. Noting that this is a private system, LCDC suggested final direction be set by Trinity, the property owner. After collaborative analysis of engineering intent, volume, depth, constructability and serviceability, resubmitted CDs will include 30" overflows at each bioretention basin, as directed by Trinity.
- 4.) Storm Sewer Full design information and calculations should be provided for the proposed storm sewer located at the south end of the existing parking lot expansion shown connecting to existing CB-123. The complete storm sewer design calculations should be added to the Construction Plans. The following additional storm sewer related items should also be addressed on the plans:
  - a.) The storm sewer plans and profiles should specify the diameter and type of casting for each drainage structure.

    Response: SmithGroup was requested to add a table to the drawings. Already indicated on
    - Response: SmithGroup was requested to add a table to the drawings. Already indicated on CG-100 which will resubmitted.
  - b.) The storm sewer pipe 0.8 points should be matched when the proposed pipe size changes at drainage structures.
    - Response: Upon clarifying nomenclature of 0.8 points and 'matching crowns', SmithGroup advised that there are some locations where cover cannot be met without matching inverts instead of crowns. SmithGroup to confirm 0.8 points relative to final design. Submit final CDs with notation that addresses comment.
  - c.) The proposed loading dock trench drain detailed on Sheet CU-502 should be shown on Sheet CG-102, together with its grate and invert elevations.

#### **MEMORANDUM** www.smithgroup.com

Response: SmithGroup will include IMEG consultant's drawing(s) in next submittal and show the lower elevation trench drain on CG-102.

- d.) The proposed rip-rap aprons should be indicated on the storm sewer profiles at all the discharge end sections. The apron detail provided on Sheet CU-502 should be revised to specify no less than 10 square yards of rip-rap.
  - Response: SmithGroup will add riprap to the profiles and add a note to the detail referring to the 10 sy minimum requirement.
- e.) The proposed drainage structure locations should be clearly defined using road stationing with offsets or a project coordinate system. If coordinates are used for this purpose, they should also be provided for the property corners.
  - Response: SmithGroup to add northing and easting as required.
- f.) Proposed FES-600 should be shifted to the west to provide 12" minimum cover over the top of the
  - Response: SmithGroup will shift and resubmit revised CDs.
- 5.) Site Grading The proposed grading surrounding the loading dock area should be clarified on the plans. Currently, there appears to be an undrained low area to the west of the loading dock ramp and a four foot drop in building finished floor grade. The proposed retaining wall north of the loading dock area should be labeled and extended as necessary to meet the existing ground
  - Response: SmithGroup will resubmit CDs with loading dock information and associated grading, already included in drawings.

#### Additional Meeting Notes:

- 6.) As discussed during the call of August 17, 2022, in compliance with requirements identified during that call, SmithGroup will submit revised documents to address additional criteria clarified during the call, the request from LCDC to include all documentation on drawings (no narrative required), additional information added to the tabular data already provided, and additional documents that incorporate or clarify referenced tributary stormwater loads.
- 7.) Also discussed during the call was the critical timing of the resubmittal by SmithGroup and review by LCDC. The Genoa Township Planning Commission has conditionally recommended this project for approval by Genoa Township Trustees, pending comprehensive resubmittal of record documents and approval of stormwater design by LCDC.
  - a.) Trinity Health and SmithGroup understand that LCDC will provide a preliminary review of the revised packet upon resubmittal.
  - b.) SmithGroup intends resubmittal on August 26, 2022.
  - c.) Genoa Township Planning Commission request comprehensive resubmittal by August 31, 2022. SmithGroup understands that record documents shall include approved stormwater design and suggests that a more attenable date for resubmittal is between September 3-6, after review and feedback by LCDC. Sequencing to be finalized pending preliminary LCDC review.
  - d.) Genoa Township Trustee meeting is scheduled for September 19, 2022.

Distribution: Please forward within your organization and its consultants as appropriate.

Chief Deputy Drain Commissioner Kenneth E. Recker, II

Kelly VanMarter Genoa Twp. Community Development Director

Amy Ruthig Genoa Township Zoning Official Paul Lewsley

Environmental Engineers
Genoa Township (MHOG) Shelby Byrne, TetraTech Jenifer Kern

Dave Raymond Trinity/St. Joseph Mercy Brighton Tiffany Spano Trinity/St. Joseph Mercy Brighton Tom Tocco Trinity/St. Joseph Mercy Brighton

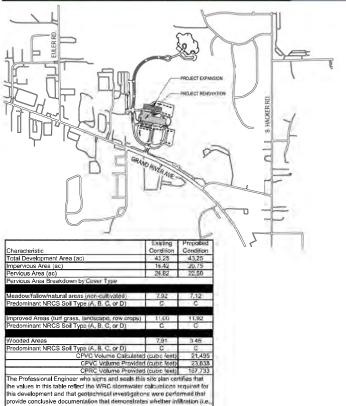
Richard Sundquist Clark Hill

Ryan Snellenberger **Granger Construction Company** Granger Construction Company Sharon Ruonavaara

Ann Kenyon SmithGroup Cindy Pozolo SmithGroup Dino Lekas SmithGroup John Kretschman SmithGroup Michael Campos SmithGroup Tony Vandermuss SmithGroup Jerry Vogt SmithGroup

# St. Joseph Mercy Brighton Expansion and Renovation





7575 Grand River Ave., Brighton, Michigan 48114 7555 Grand River Ave., Brighton, Michigan 48114

#### Trinity Health-Michigan/ Saint Joseph Mercy Health System

1600 South Canton Center Road Canton, MI 48155 https://www.stjoeshealth.org/

Clinet Contact: Stephen VanBrussel Saint Joseph Mercy Health System Regional Director of Construction 36475 Five Mile Road Livonia, MI 48154 stephen.vanbrussel@stoeshealth.org

#### **SMITHGROUP**

500 GRISWOLD SUITE 1700 DETROIT, MI 48226 313.983.3600 smithgroup.com



### **VOLUME I OF II**

ISSUED FOR: SITE PLAN RESUBMITTAL R4

ISSUE DATE: SEPTEMBER 16, 2022

SG PROJECT #: 13472.000 IMEG PROJECT #: 21006742.00

SHEET NUMBER

9/18/2022 10:21:16 PM

	PROJECT SHEET INDEX	(		
	17_TECHNOLOGY SHEET NUMBER SHEET NAME	15_ELECTRICAL SHEET NUMBER SHEET NAME	11_FIRE PROTECTION SHEET NUMBER SHEET NAME	Trinity Health
				ST. JOSEPH MERCY BRIGHTON EXPANSION AND RENOVATION 7575 GRAND RIVER AVE. BRIGHTON, MI 48114 7555 GRAND RIVER AVE. BRIGHTON, MI 48114
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ST. JOSEPH MERCY BRIGHTON EXPANSION AND RENOVATION 7575 GRAND RIVER AVE. BRIGHTON, MI 48114 7555 GRAND RIVER AVE. BRIGHTON, MI 48114

#### **SMITHGROUP**

500 GRISWOLD SUITE 1700 DETROIT, MI 48226 313.983.3600 smithgroup.com



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CONSTRUCTION

EXTERIOR RENDERINGS

SG PROJECT #: 13472.000 IMEG PROJECT #: 21006742.00

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#### RECORDED DOCUMENTS MIST FOW MAP, FILE NO. 47-R-Z, PROJ. NO. 47092, SHEET NO. 50

- . RELEASE OF RIGHT-OF-WAY, CCT. 8, 1904, RECORDED IN 1.153, P.BI, L.C.R. . LCRC | 1299 CORNERS L-5 & L-6, DATE SEPT 2X, 1981
- . L.C.P.C. 43830 CORNER L-5, DATED NOV. 14, 1994 · LC.R.C. CORNER M-GR. DATED DEC. 29, 2000, INSTRUMENT NO. 2000001-0013, LC.R.
- . LCRE 4500m COMER 9-05 DATES NOV. 16, 1990
- . BOUNDARY SURVEY BOSS ENG. CO., JOB NO. 11113, DATED WARE 25, 1951
- . DOLADARY SURVEY BOSS ENG. CO., JOE NO. 10000L DATED FEB. D. 1990
- . BRANDARY SURVEY BENTON LAND SURVEYS, 408 NO. NT-5-MAN, DATED AIME THIS
- . BOUNDARY SURVEY BOSS ENG. CO, JOB NO. 875/6, DATED GEC. 7, 1987
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- ISDNOA ONE DONOGOMENUM" REPLAT NO. 2 OF LIVENSETON COUNTY CONSIGNMENT SUBSINISION PLAN NO. 275, MASTER DEED RECORDED IN LINCOL PLAN.
- . "BRIVENSTOCK FARMS", RECTO N L.30 OF FLATS, F.49-52, INDUSTRE, L.C.R.
- . "PERRE DREEK" REC'S W LST OF PLATS, P.30-36, MOLUSIVE, LCR
- . AMNOOK TITLE SEARCH, ORDER NO. COCC125006, DATED NOVEMBER 24, 2021

#### AS-SURVEYED LEGAL DESCRIPTION:

#### **BOUNDARY SURVEY**

PART OF THE WEST 1/2 OF THE NORTHEAST QUARTER OF SECTION 13, T2N, R5E, GENOA TOWNSHIP, LIVINGSTON COUNTY, MICHIGAN







ST. JOSEPH MERCY BRIGHTON EXPANSION AND RENOVATION 7575 GRAND RIVER AVE., BRIGHTON, MI 48114 7555 GRAND RIVER AVE., BRIGHTON, MI 48114

#### **SMITHGROUP**

201 DEPOT STREET SECOND FLOOR ANN ARBOR, MI 48104 734.662.4457 www.smithgroup.com



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DESIGN DEVELOPMENT
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SITE SURVEY AND EXISTING ZONING

SCALE: 1" = 150"

CV-100

# WETLAND AND SOIL SURVEY

PART OF THE WEST 1/2 OF THE NORTHEAST QUARTER OF SECTION 13, T2N, R5E, GENOA TOWNSHIP, LIVINGSTON COUNTY, MICHIGAN

# SCALE 1" = 150"



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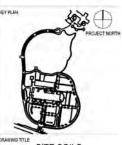
# **SMITHGROUP**

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DESIGN DEVELOPMENT	D	21JUN22
SITE PLAN REVIEW	C	30MAR22
SCHEMATIC DESIGN	B	04MAR22
SD PROGRESS	A	04MAR22





SITE SOILS

CV-200

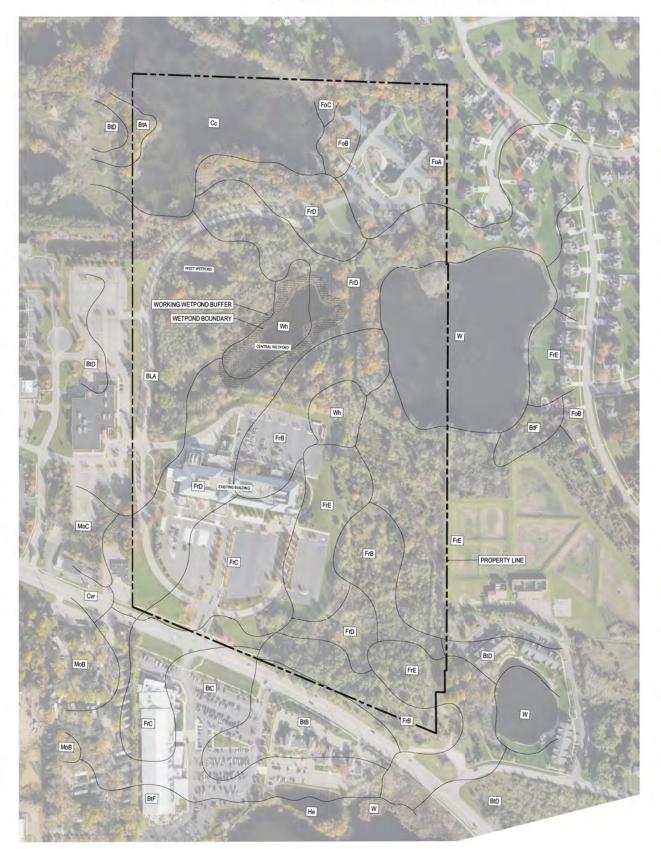
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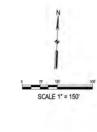
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SOIL SURVEY DESCRIPTIONS.



# TREE AND CANOPY SURVEY

PART OF THE WEST 1/2 OF THE NORTHEAST QUARTER OF SECTION 13, T2N, R5E, GENOA TOWNSHIP, LIVINGSTON COUNTY, MICHIGAN





ST. JOSEPH MERCY BRIGHTON EXPANSION AND RENOVATION 7575 GRAND RIVER AVE., BRIGHTON, MI 48114 7555 GRAND RIVER AVE., BRIGHTON, MI 48114

# SMITHGROUP

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LCDC RESUBMITTAL R3		06SEP2022
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SITE PLAN RESUBMITTAL	E	22JUN22
DESIGN DEVELOPMENT	D	21JUN22
SITE PLAN REVIEW	C	30MAR22
SCHEMATIC DESIGN	B	04MAR22
SD PROGRESS	A	04MAR22

SEALS AND SIGNATUR





SCALE: 1' = 150'

13472.00 PROJECT MJ/MEER CV-306



PROJECT SITE

# BENCHMARKS

Point No	Northing	Easting	Devotion	Description
TJT.	389897.72	13275013.10	982.97	BM 1: TOP OF ARROW ON HYDRANT
-7	.189768.50	1327561A.55	987.83	BM 2: TOP OF ARROW ON HYDRANT
- 3-	369165.87	13274843.40	977.49	BM 3: TOP OF ARROW ON HYDRANT

# CONTROL POINT TABLE

Point No.	Northing	Easting	Devation	Description
21	389685,53	13275636.45	985.98	CP MAG NAIL
72	J89604.84	13275560.85	985.89	CP SG CAP REBAR
23	389749.72	13275512.32	986.18	CP SG CAP REBAR
.50	389682.27	T3274949.33	983.29	CP MAG NAIL
57	389817,56	13274959.16	980,77	CP MAG NAIL
57	189863.07	13374944.19	977.39	CP MAG NAIL
53	389866.64	13275127.82	981.98	CP MAG NAIL
54	389936.74	13275175.86	980:08	CP MAG NAIL
55	389907.51	13275247.96	983.47	CP MAG NAIL
56	389807.82	13275375.48	985.10	CP NAIL-SPIKE
37	389774.76	13275520.24	985.50	CP MAG NAIL
58	389788.46	(3275259.37	986,04	CP MAG NAIL

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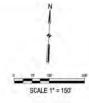
# FLOODPLAIN NOTE

THE DALANCE OF AREA SURVEYED LIES N (OTHER) AREA "ZONE X" (UNSHADED), DEFINED AS AREAS DETERMINED TO BE CUTSOC OF THE 0.2% ANNUAL CHANCE FLOODPLAIN.

# **BOUNDARY & TOPOGRAPHIC SURVEY**

PART OF THE WEST 1/2 OF THE NORTHEAST QUARTER OF SECTION 13,







ST. JOSEPH MERCY BRIGHTON EXPANSION AND RENOVATION

# **SMITHGROUP**

201 DEPOT STREET SECOND FLOOR ANN ARBOR, MI 48104 734.662.4457 www.smithgroup.com



DRONEVIEW TECHNOLOGIES
AERIAL PHOTOGRAMMETRY-LIDAR
2005 Franklin Road
Boomfold Township, MI 48302
956 235 5400

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SD PROGRESS	A	22DEC21



SURVEY COVER SHEET

13472

1" = 150" PROJECT NUMBER V.047

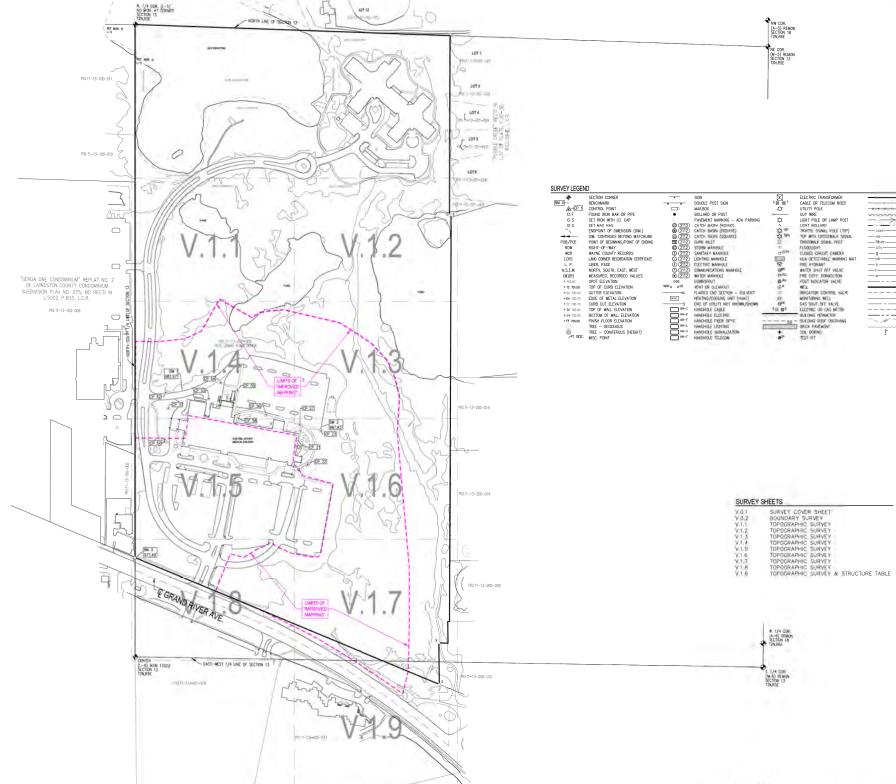
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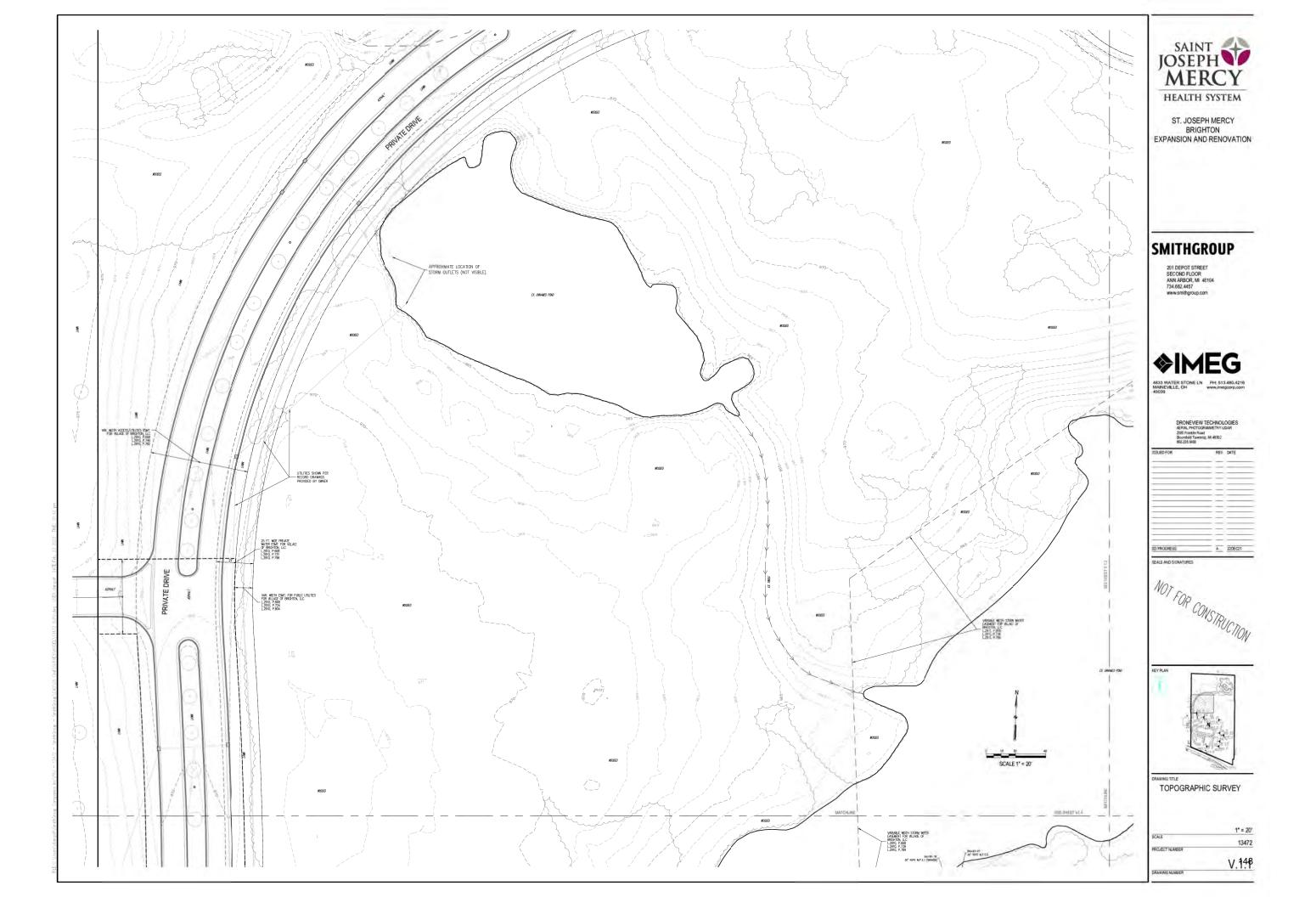
THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE

IN ACCORDANCE WITH LOCAL AND STATE JURISDICTIONAL REQUIREMENTS REGULATING MAPPING
STANDARDS. THE LINDERSIGNED STATES THAT PROPER FIELD PROCEDURES, INSTRUMENTATION AND
ADEQUATE STAFF WERE EMPLOYED TO ACMIEVE THE REQUIRES WORLD HEREIN.

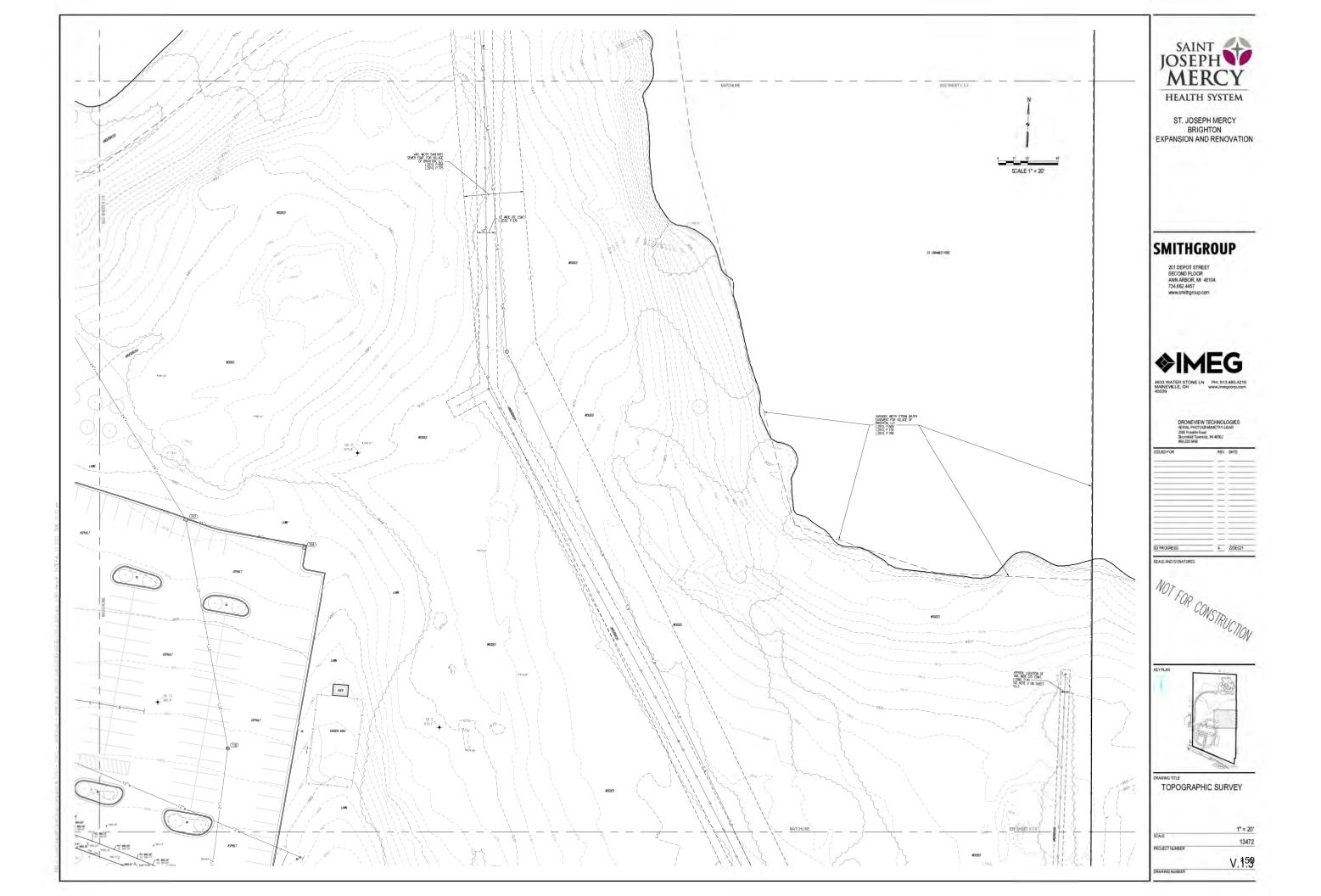
SMITHGROUP, INC.

CHARLES A. LANGOLF, PS \$6210 PROFESSIONAL SURVEYOR STATE OF MICHIGAN

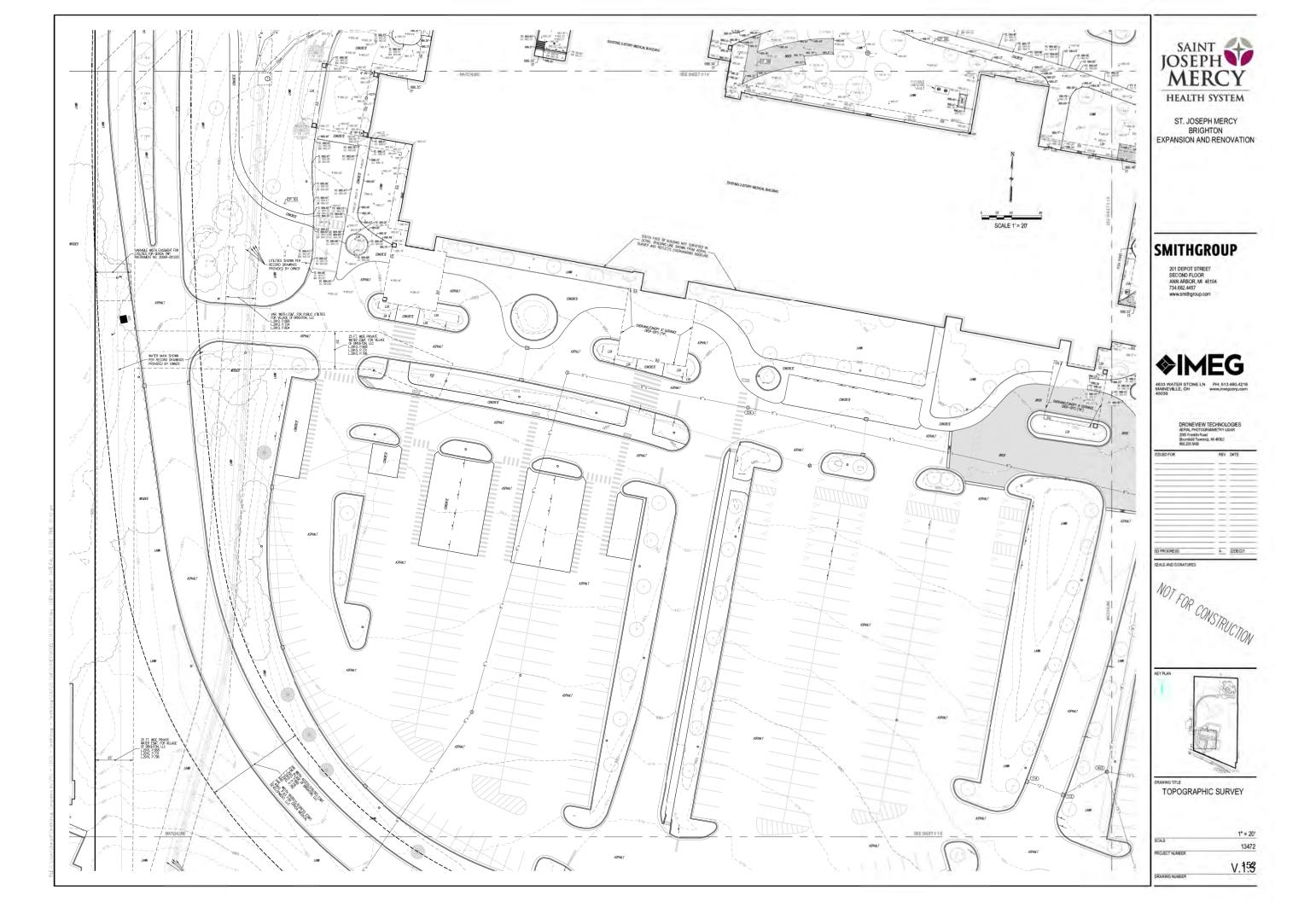


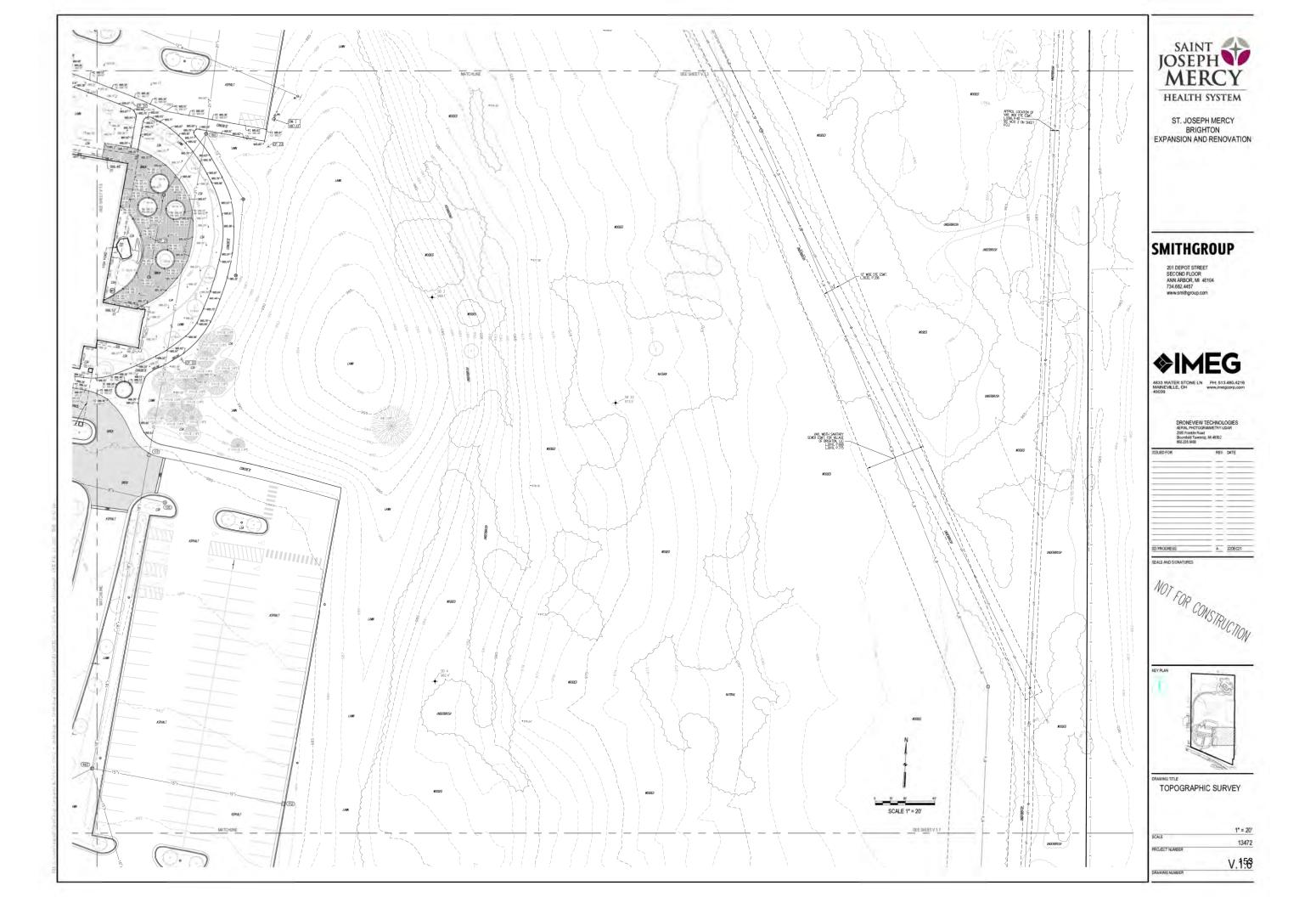


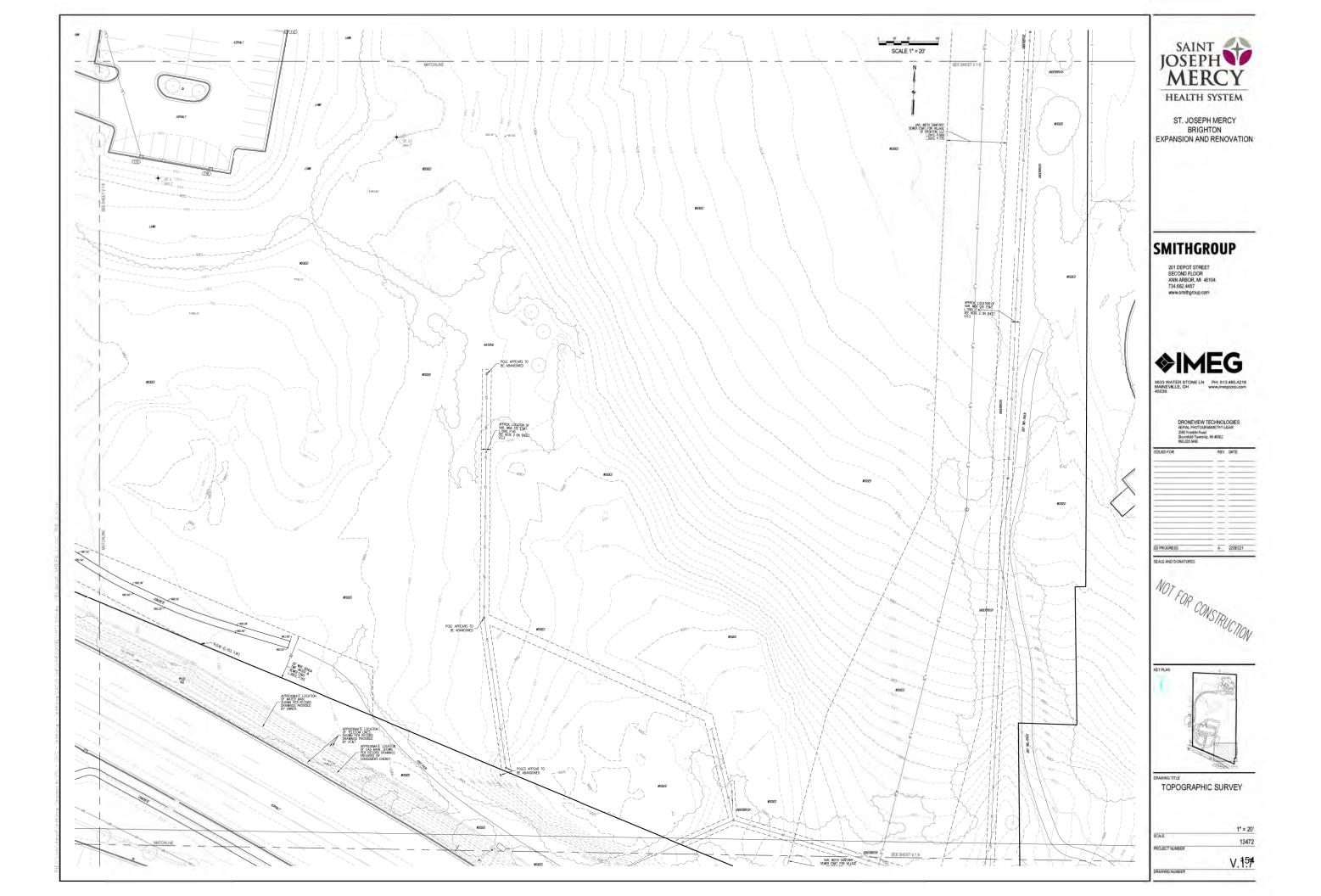


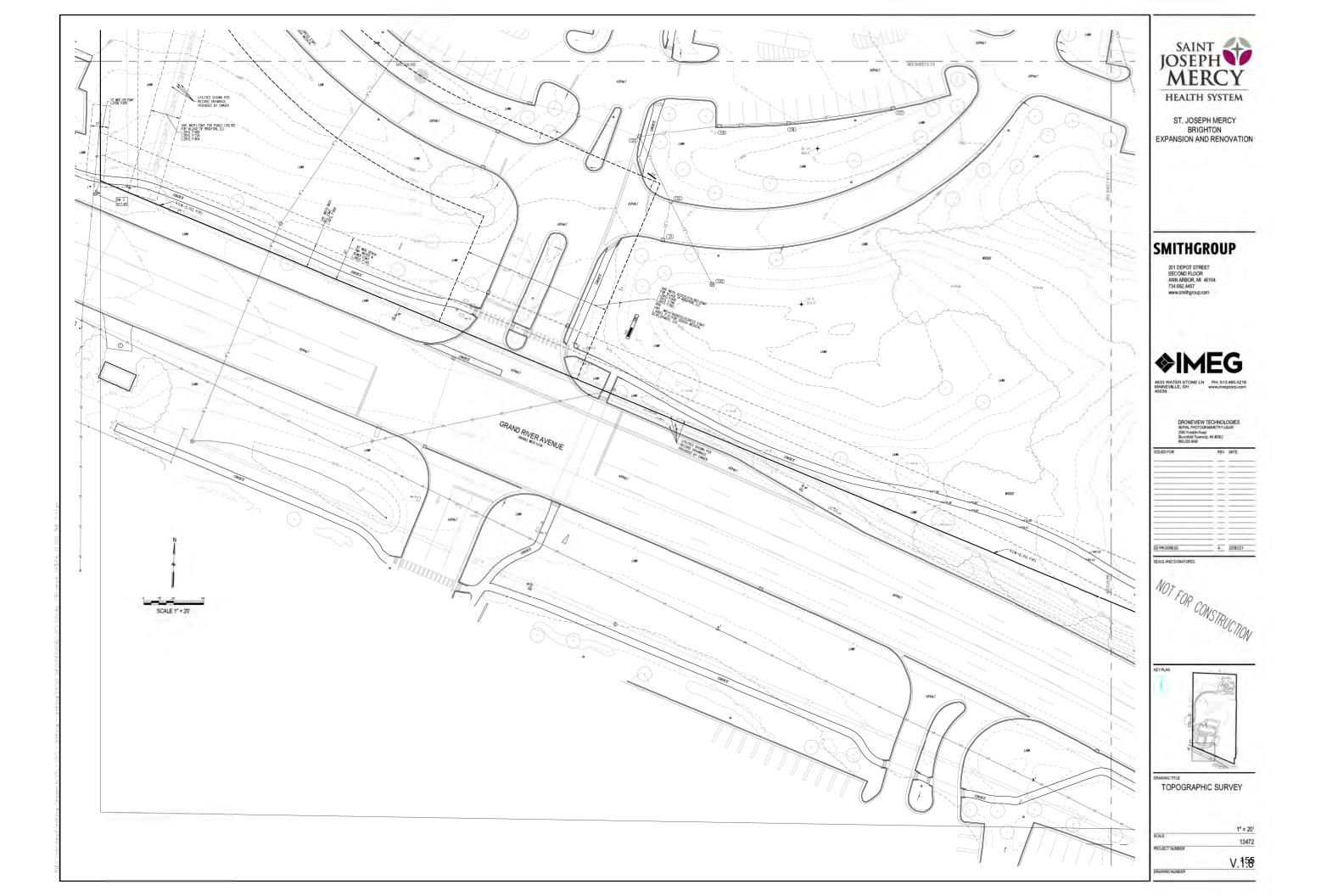


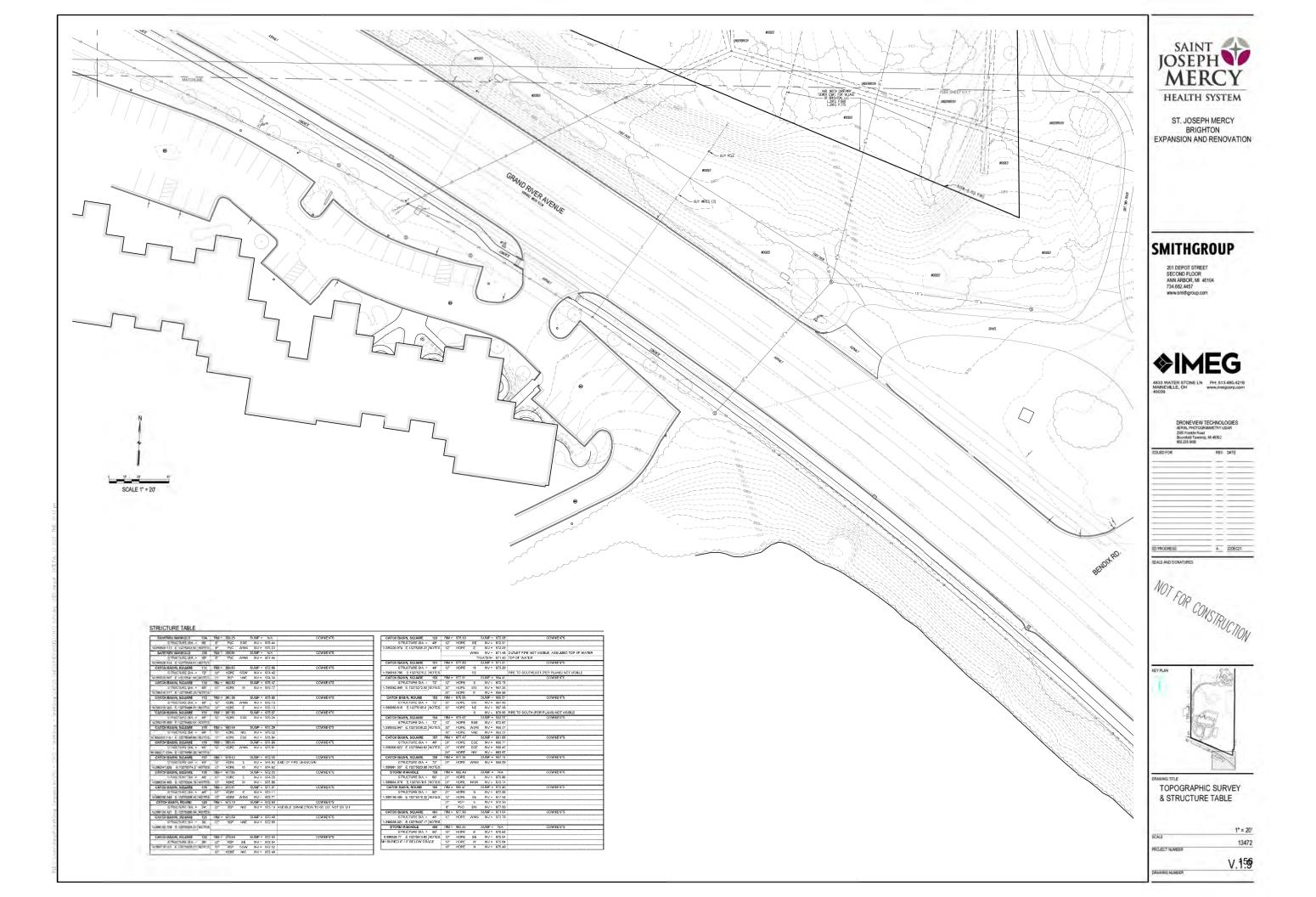


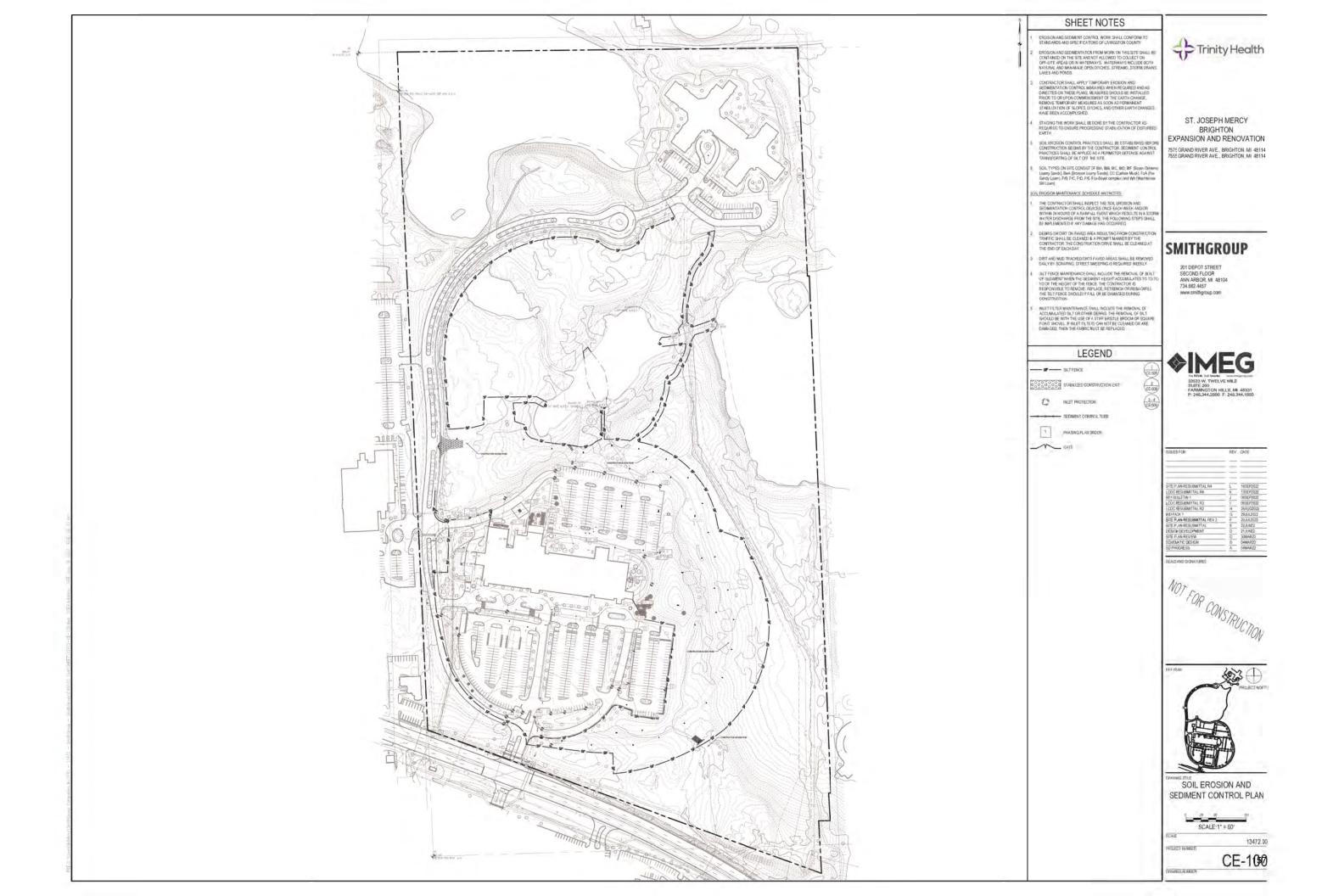


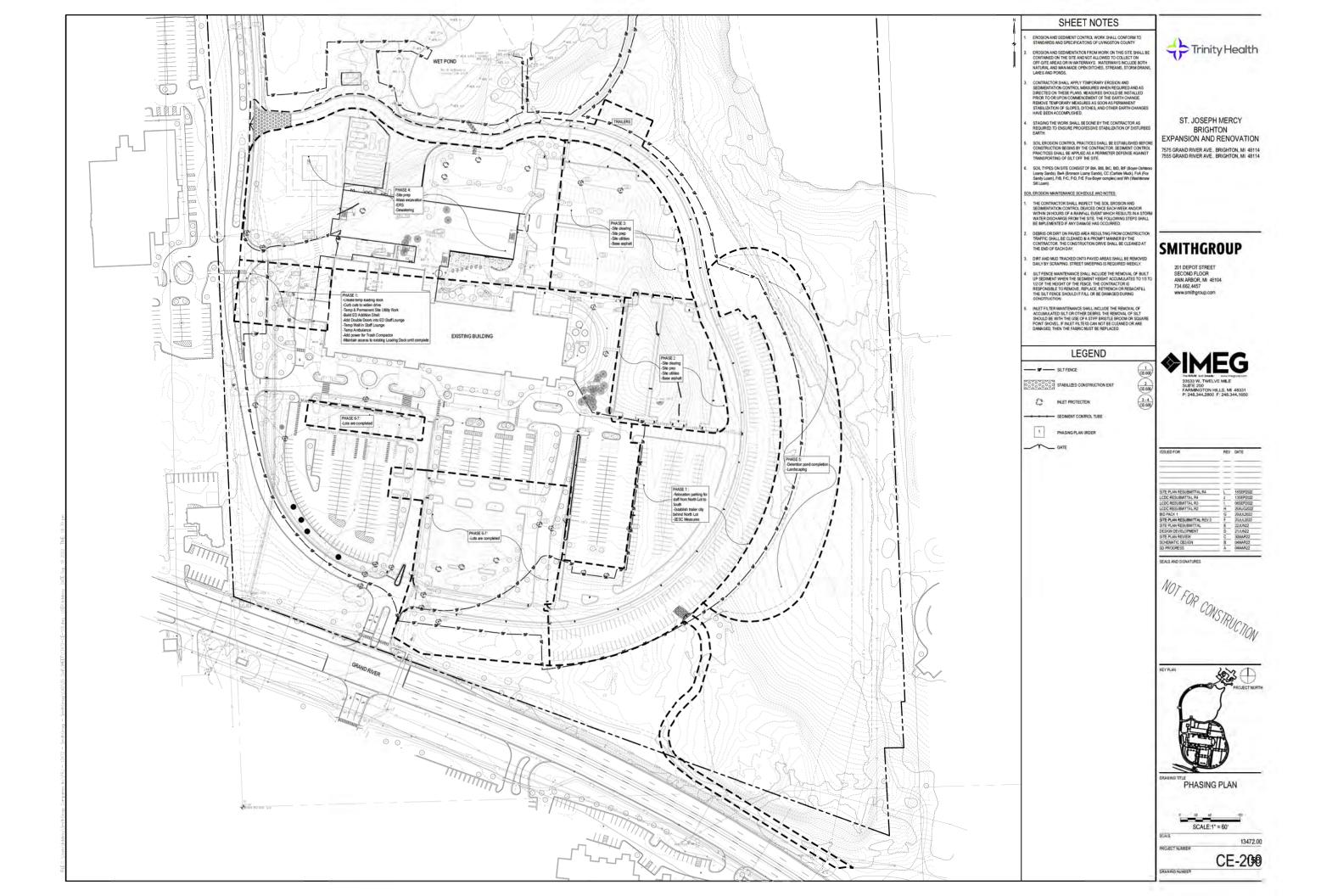


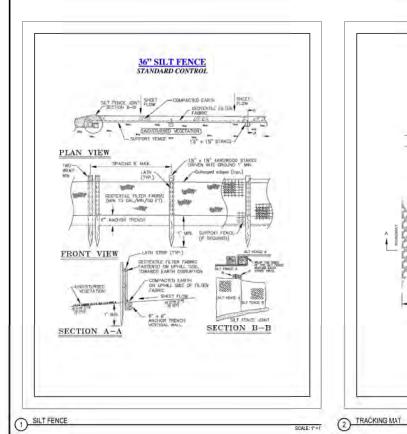


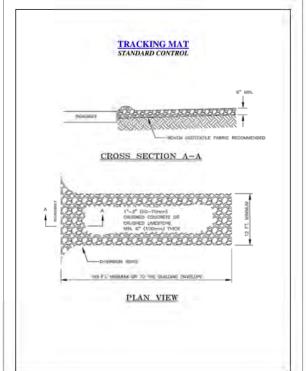


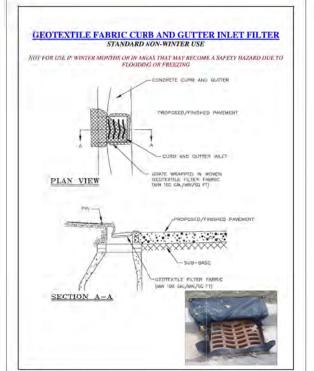




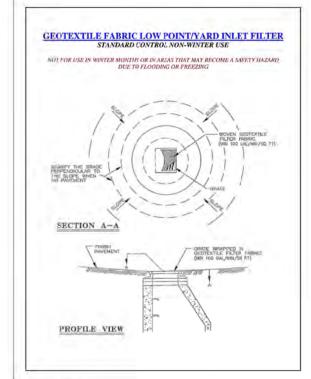




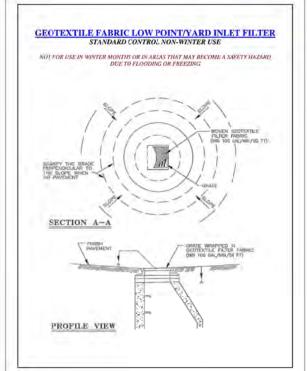




SCALE-(TI-T) 3 CURB AND GUTTER INLET FILTER



SCALE: 17=17 4 YARD INLET FILTER





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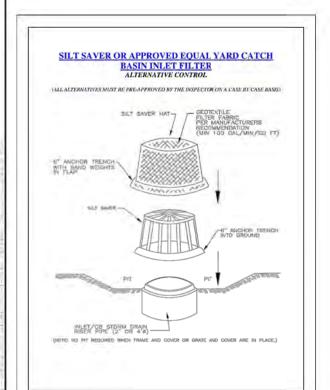
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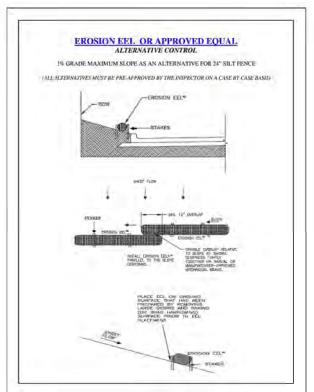


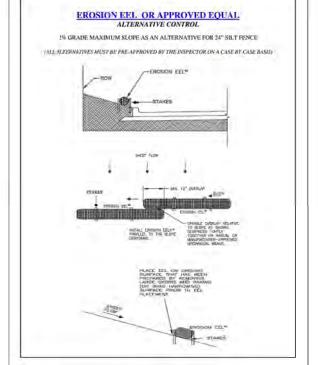
SOIL EROSION AND SEDIMENT CONTROL DETAILS

13472.00 CE-509

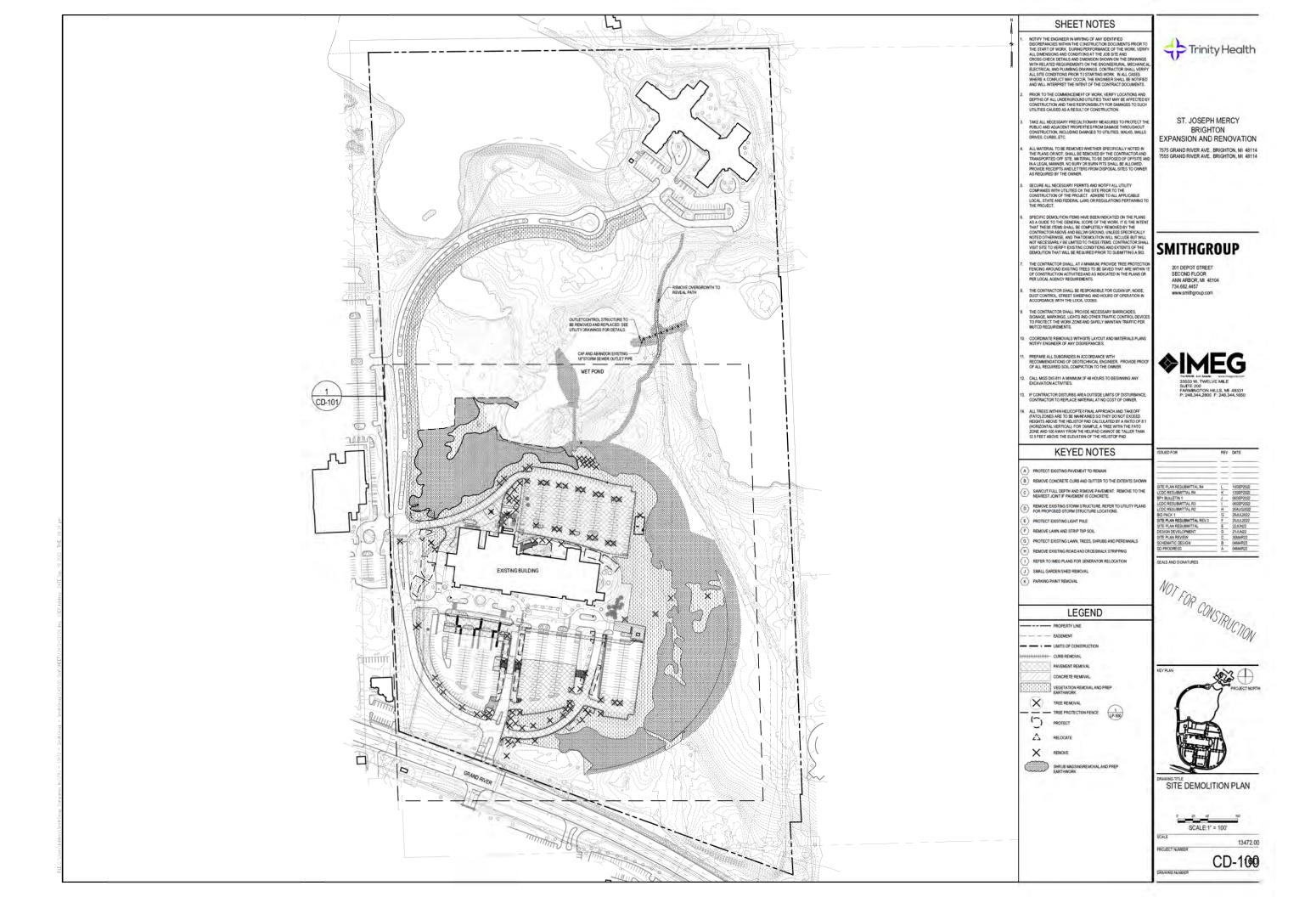


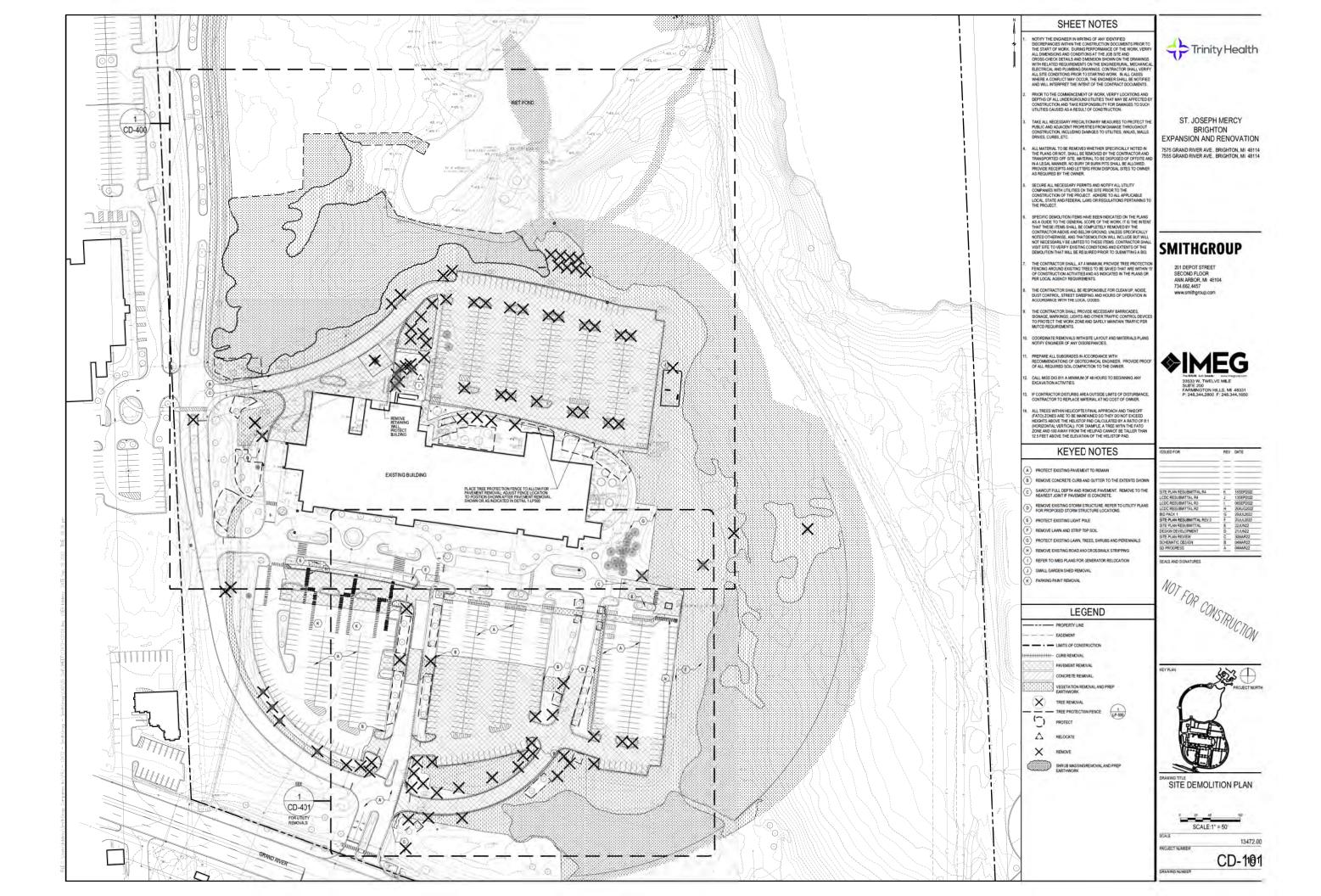
(5) YARD CATCH BASIN INLET FILTER

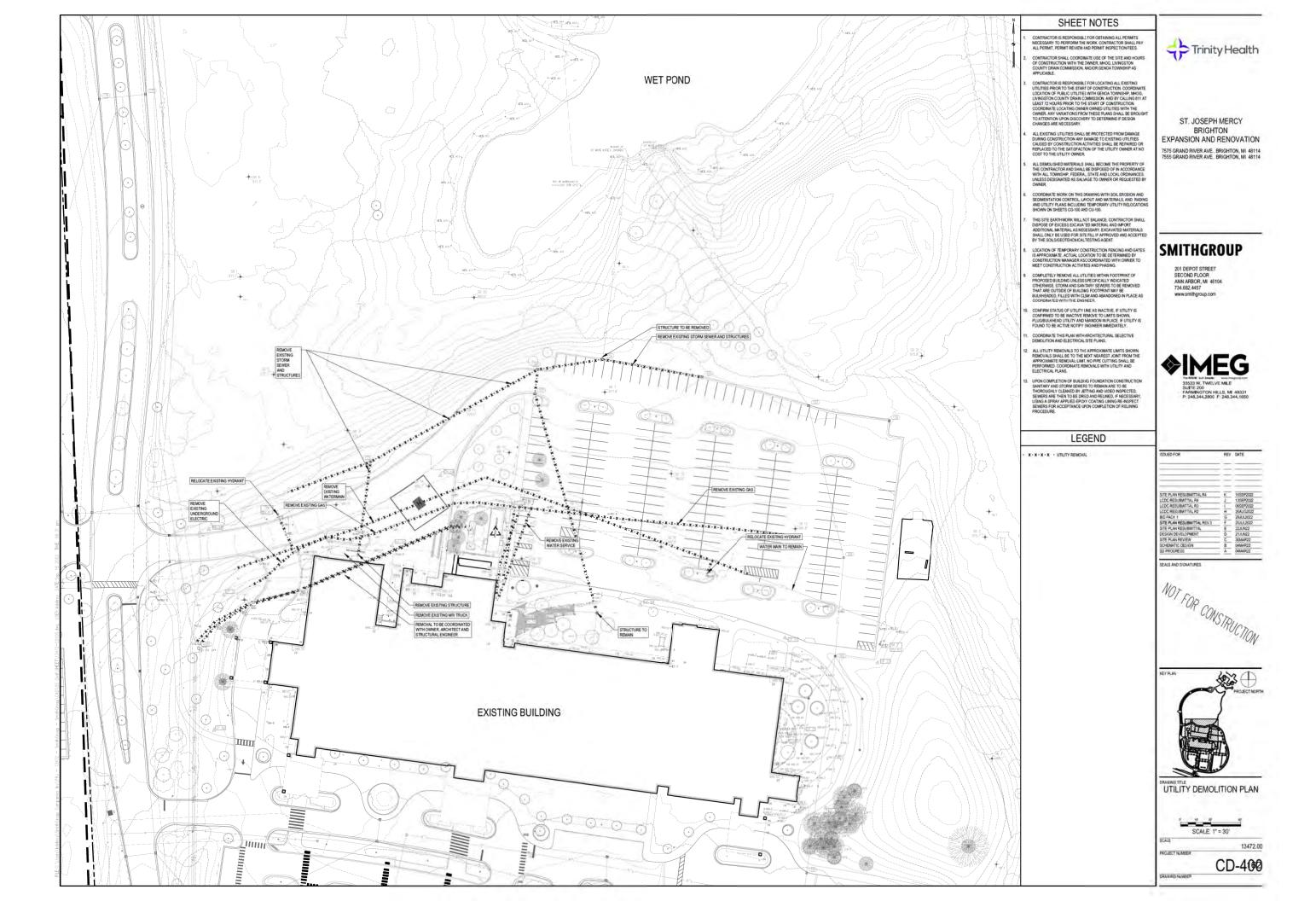


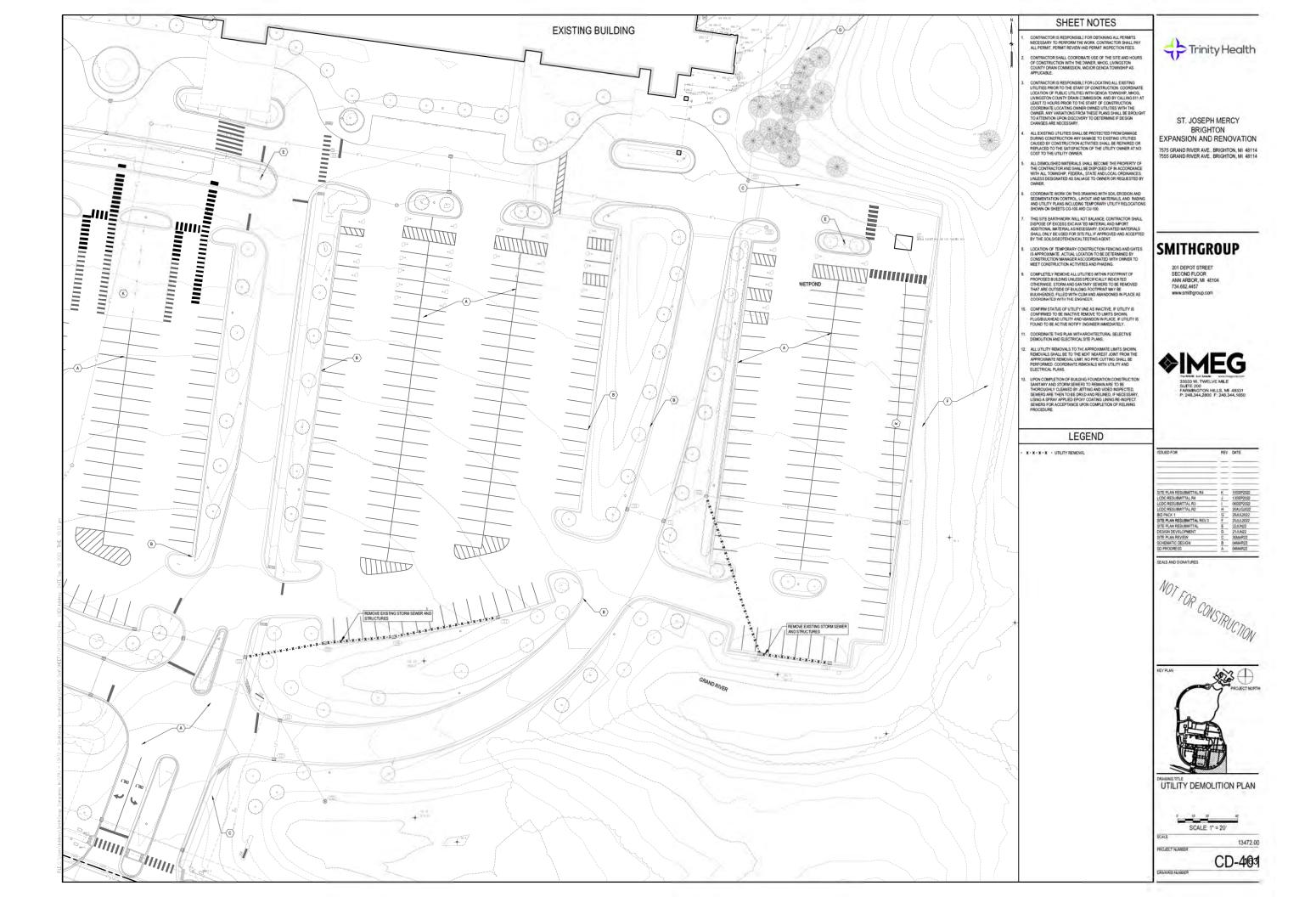


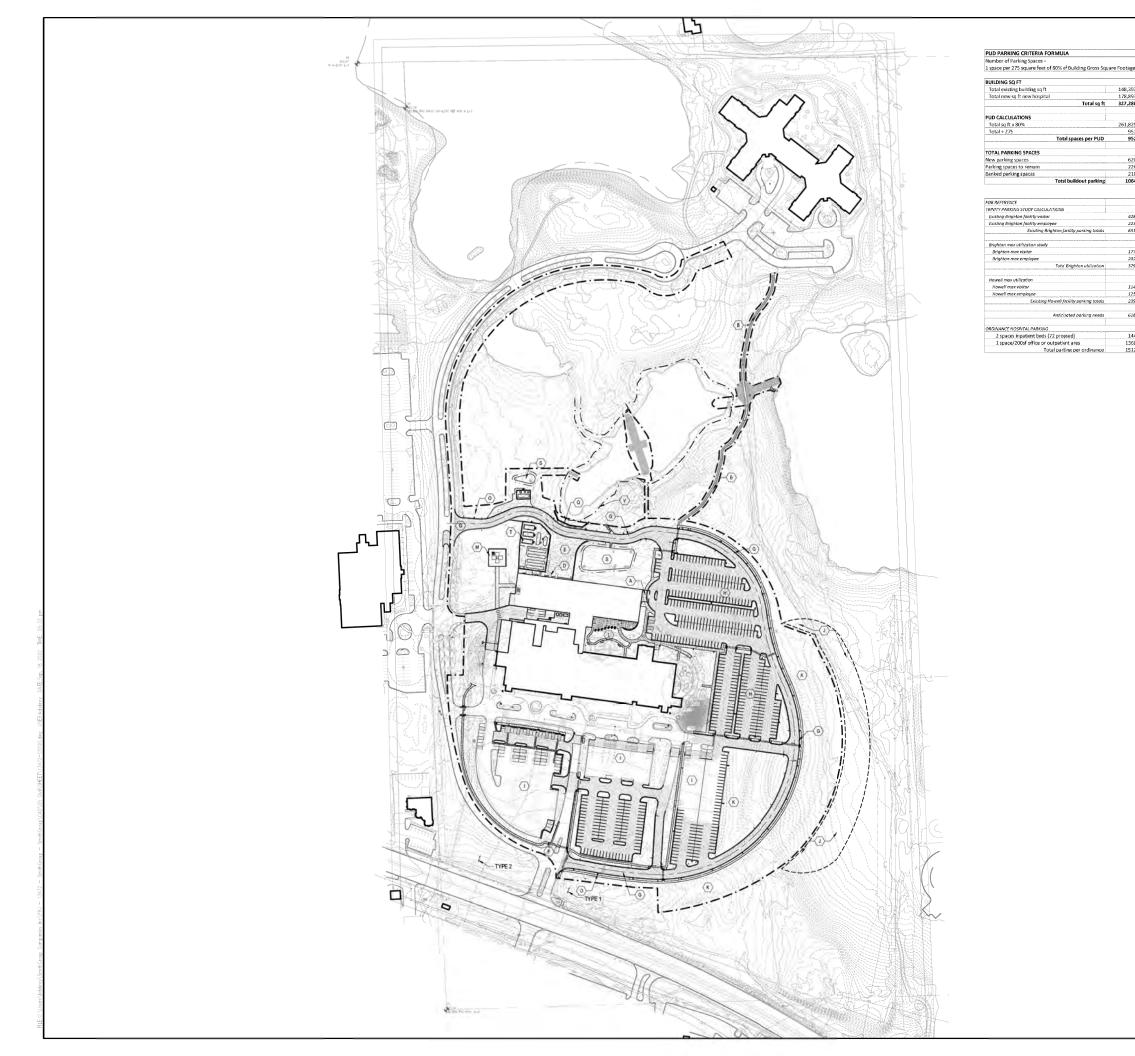
6 EROSION EEL











# SHEET NOTES

ENGINEER WILL PROVIDE TO THE CONTRACTOR AUTOCAD 2022 DW FILES FOR LAYOUT AND GRADING USE. IF THERE ARE DISCREPANCI BETWEEN THIS SET OF PLANS AND THE ELECTRONIC FLES, THE PLU DRAWINGS SHALL CONTROL. NOTFY ENGINEER IMMEDIATELY OF AI DISCREPANCIES.

NOTIFY THE ENGINEER IN WRITING OF ANY IDENTIFIED DISCREPANCIES WITHIN THE CONSTRUCTION DOCUMENTS PRIOR THE START OF WORK. DURING PERFORMANCE OF THE WORK, VERI ALL DIMENSIONS AND CONDITIONS AT THE JOS STE AND CONSCI-CHECK DETAILS AND DIMENSION SHOWN ON THE DEPARTMENT OF THE ENGINEERING MECHANIC WITH RELATED REQUIREMENTS ON THE ENGINEERING SHALL VERSIL ELECTRICAL AND PUMBRING CONVINCTION SHALL VERSIL ELECTRICAL AND PUMBRING PASSINSS. CONTRACTOR SHALL VERSIL START OF THE PROPERTY OF THE PROPE

178,893 Total sq ft 327,286

CALL MISS DIG 811 A MINIMUMOF 48 HOURS TO BEGINNING ANY EXCAVATION ACTIVITIES.

LIMITS OF SEED ARE APPROXIMATE BASED ON GRADINS PLAN. CONTRACTOR TO SEED ALL DISTURBED AREAS FROM CONSTRUCTION RELATED ACTIVITIES. TO CONTRACTOR DISTURBS AREA OUTSIDE LIMITS OF DISTURBANCE, CONFRACTOR TO REPLACE MATERIAL AT COST OF OWNER.

REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS SHOWN ON DRAWINGS.

PHOTECT TREES AND LANDSCAPE, CONTRACTOR RESPONSIBLE II DAMAGE OCCURS DURING PROJECT DURATION. CONTRACTOR IS RESPONSIBLE FOR MAIN TENANCE OF TREE PROTECTION FENCE DURING PROJECT DURATION.

SIGNS AND PAVEMENT MARKINGS TO BE INSTALLED PER MUTCO STANDARDS

A PATIENT DISCHARGE AND STAFF ENTRY EXISTING PATH TO MULCH LANDSCAPE, SEE LANDSCAP ! PLANS REFUSE AREA WITH ARCHITECTURAL COVERING

HELISTOP, SEE CONSULTANT PLANS LAWN AREA. SEE LANDSCAPE PLANS LIGHTING, SEE LIGHTING PLANS BUILDING, SEE ARCHITECTURE PLANS RETAINING WALL DECORATIVE CMU WALL OR FENCE BIORETENTION POND SEE LANDSCAPE PLANS

WETPOND BOUNDARY (MAPFED AND SURVEYED)

**LEGEND** 

CONCRETE PAVEMENT -

CROSSWALK FAVEMENT MARKING

DETECTABLE WARNING STRIP-

TRASH & RECYCLING CONTAINERS (2) CS-509

CONCRETE RETAINING WALL WITH & CS-504 CS-50 CS-50

00

LOADING DOCK

UTILITY YARD WALL FOOTINGS

BARRIER FREE PARKING

HAND RAILS, REF. ARCH

- - LIMITS OF CONSTRUCTION

CONCRETE RAMP

FIRE SAFETY LOOP PROPOSED PARKING EXISTING PARKING FUTURE COMMUNITY FARM AREA BANKED PARKING

COORDINATE CONSTRUCTIONOF PENETRATIONS, SLEEVES, VARIATIONS IN THE SLAB ELEVATIONS, DEPRESSED AREAS AND ALL OTHER ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING REQUIREMENTS. **KEY NOTES** 

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ISSUED FOR	REV	DATE
	Ξ	
SITE PLAN RESUBMITTAL R4	T	16SEP2022
LCDC RESUBMITTAL R4	K	13SEP2022
BP1 BULLETIN 1	J	06SEP2022
LCDC RESUBMITTAL R3	1.	06SEP2022
LCDC RESUBMITTAL R2	н	26AUG2022
BID PACK 1	G	29JUL2022
SITE PLAN RESUBMITTAL REV 3	F	20JUL2022
SITE PLAN RESUBMITTAL	E	22JUN22
DESIGN DEVELOPMENT	D	21JUN22
SITE PLAN REVIEW	C	30MAR22
SCHEMATIC DESIGN	B	04MAR22
SD PROGRESS	A	04MAR22

SEALS AND SIGNATURES

(CS-500)

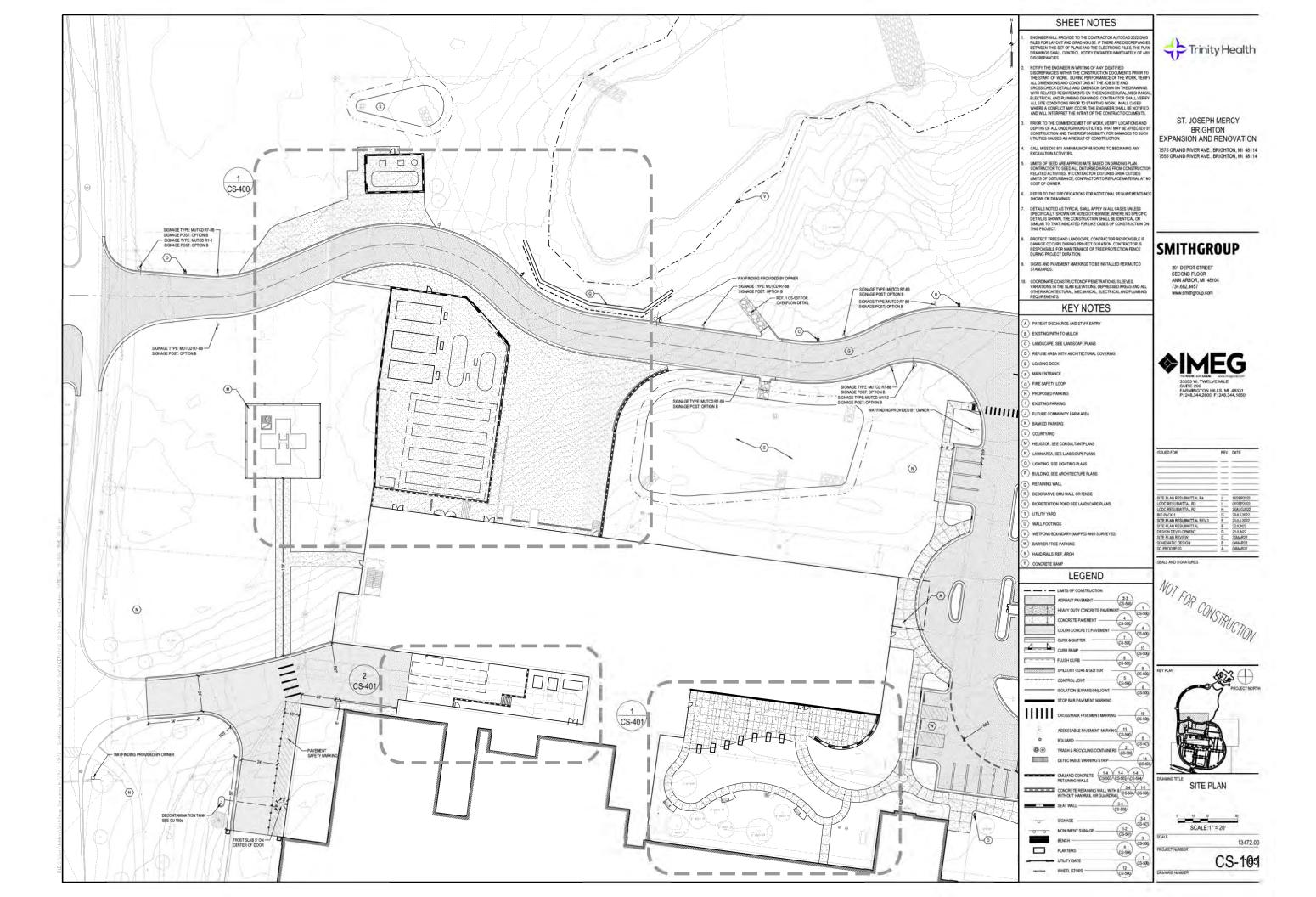


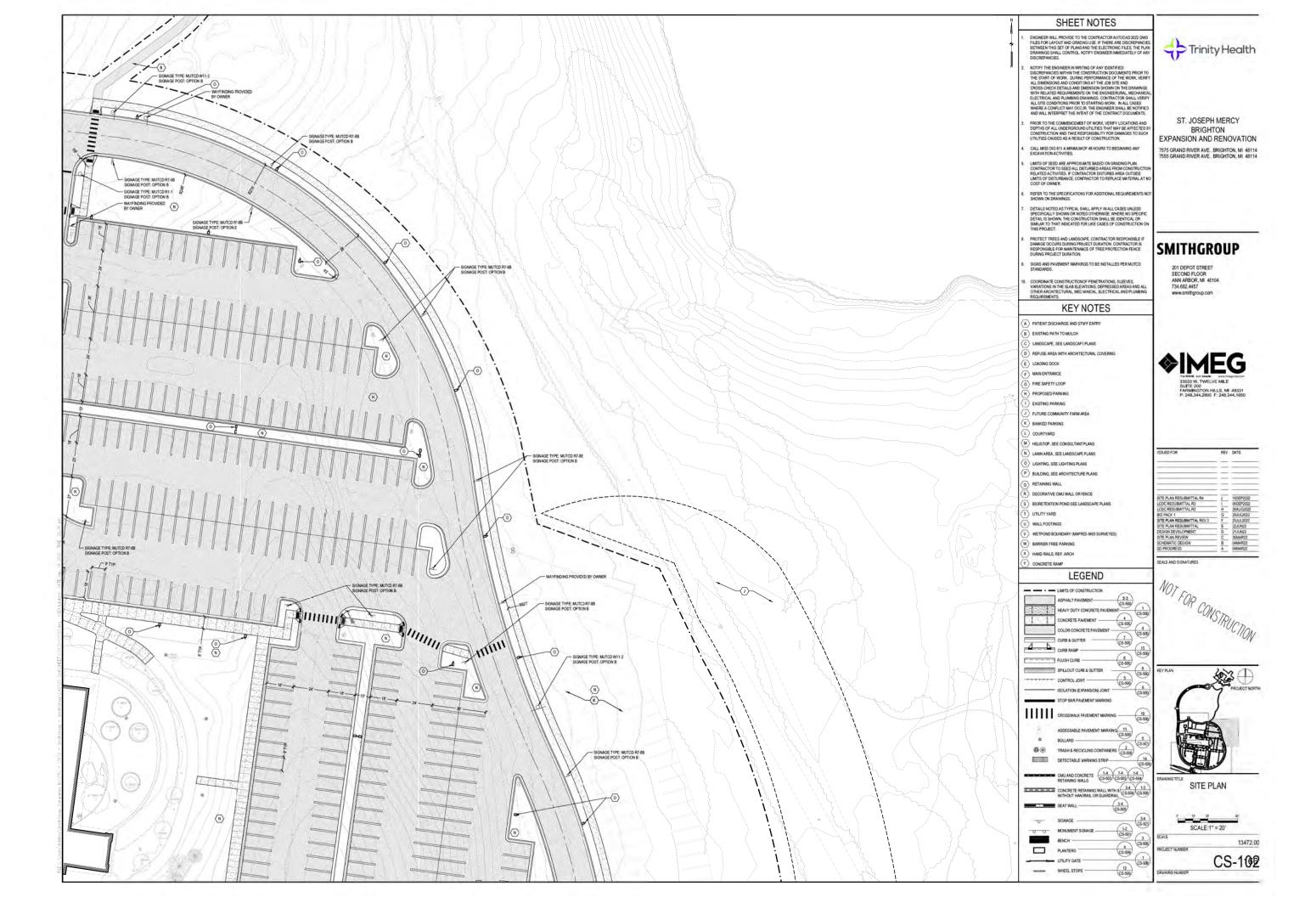


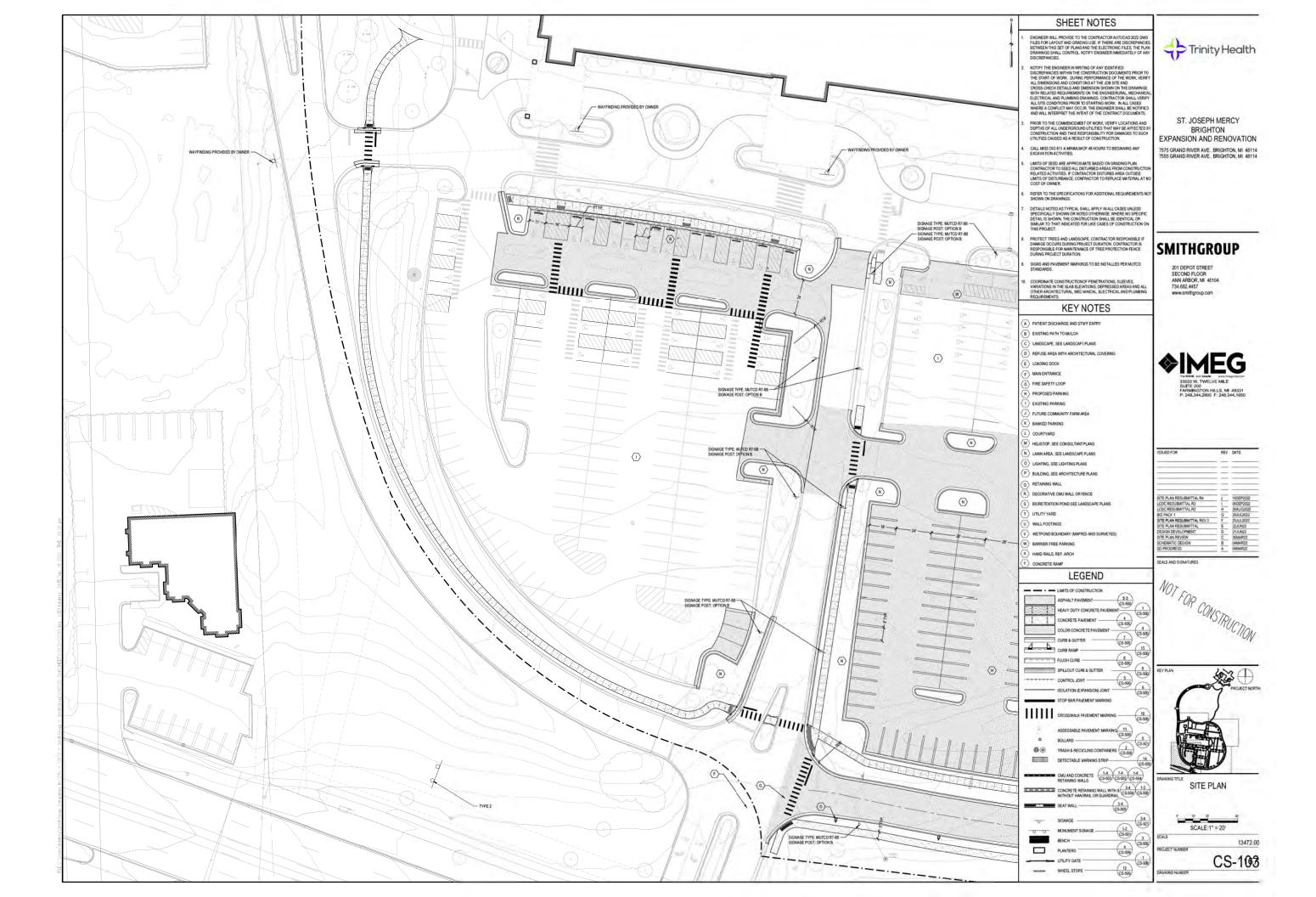
SITE PLAN

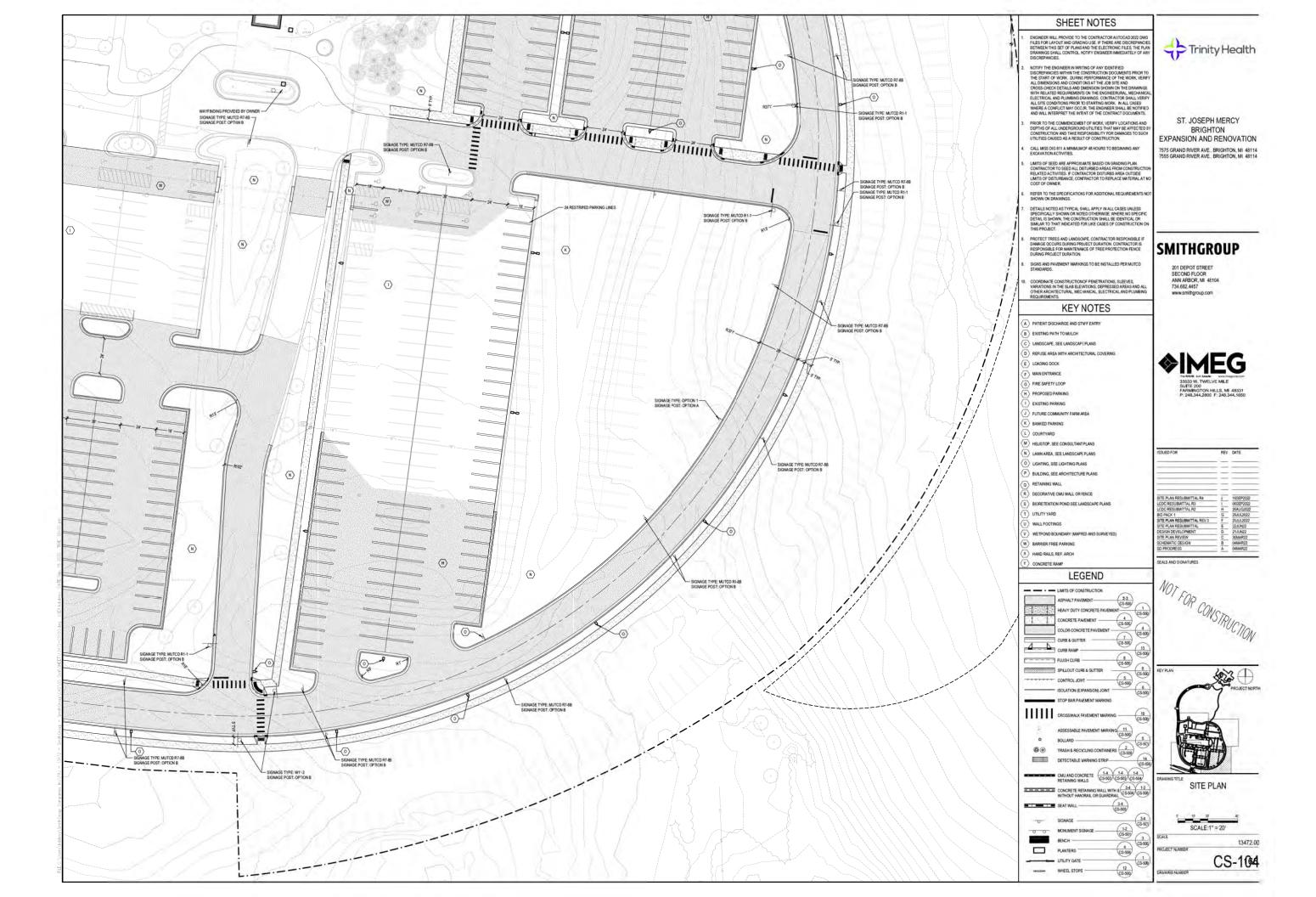
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PROJECT NUMBI	BR'	3. 1.00
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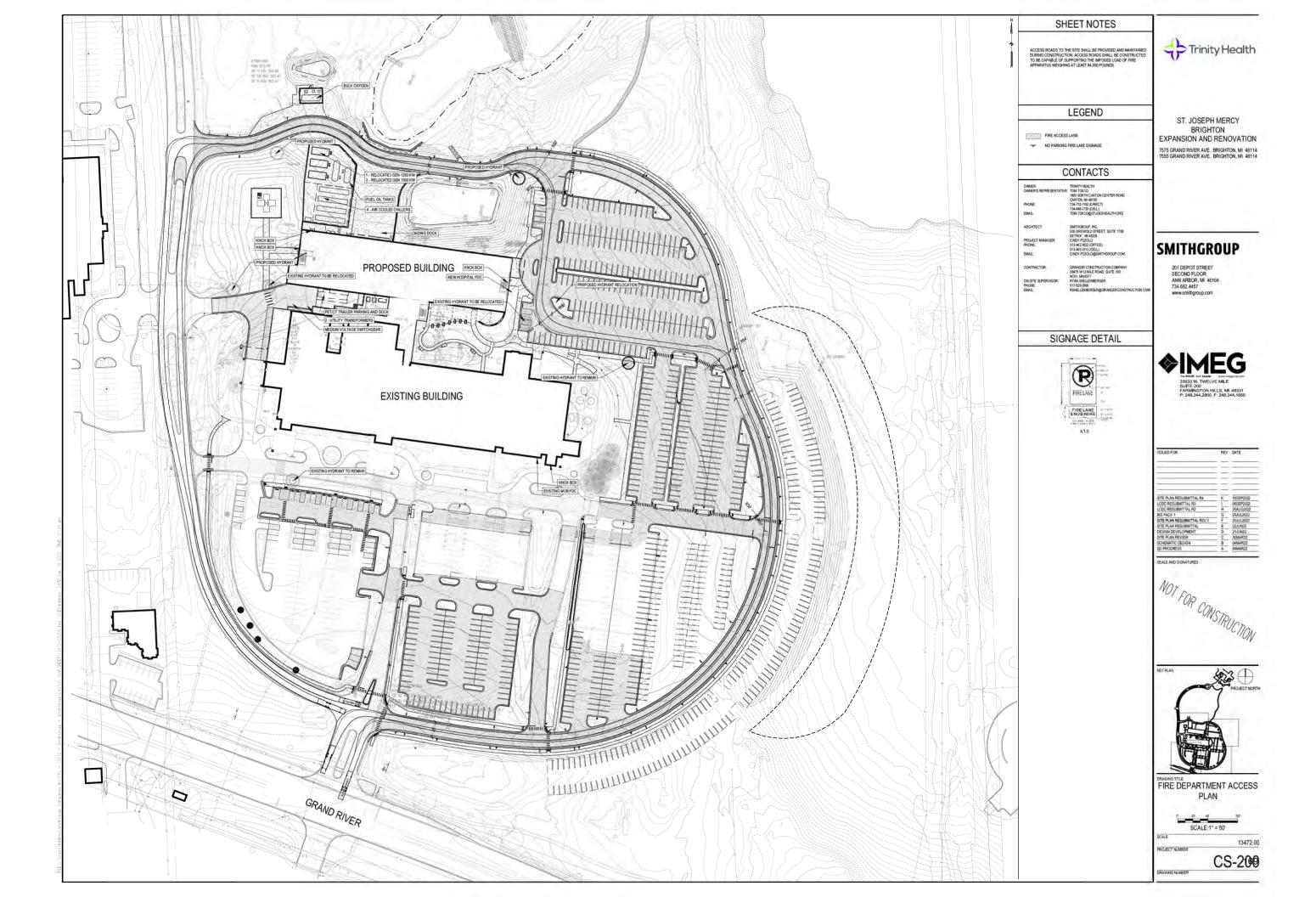
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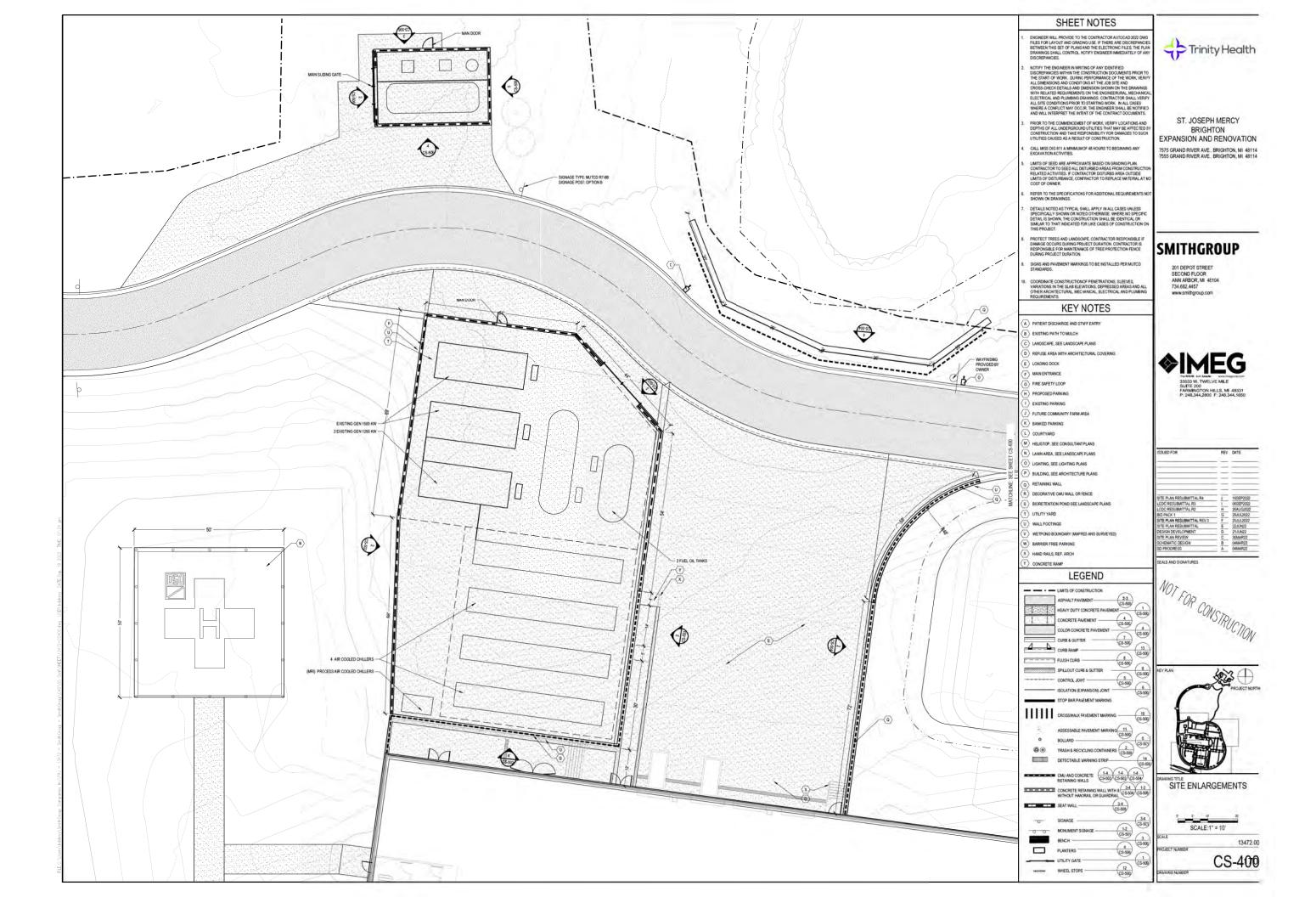


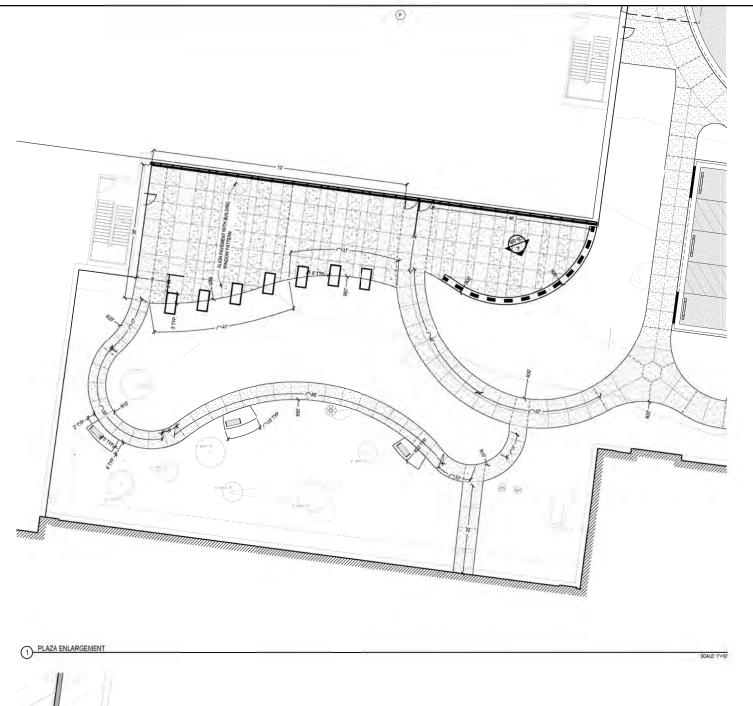












# 312 564 2 SITE PLAN ENLARGEMENT

# SHEET NOTES

ENGINEER WILL PROVIDE TO THE CONTRACTOR AUTOCAD 2022 DWG FILES FOR LAYOUT AND GRADING USE. IF THERE ARE DISCREPANCIE BETWEEN THIS SET OF PLANS AND THE ELECTRONIC FLES, THE PLAN DRAWINGS SHALL CONTROL. NOTIFY ENGINEER IMMEDIATELY OF AN DISCREPANCIES.



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A PATIENT DISCHARGE AND STAFF ENTRY

EXISTING PATH TO MULCH

LANDSCAPE, SEE LANDSCAPE PLANS

REFUSE AREA WITH ARCHITECTURAL COVERING

E LOADING DOCK

FIRE SAFETY LOOP

PROPOSED PARKING

FUTURE COMMUNITY FARM AREA

BANKED PARKING

HELISTOP, SEE CONSULTANT PLANS

LAWN AREA, SEE LANDSCAPE PLANS LIGHTING, SEE LIGHTING PLANS

BUILDING, SEE ARCHITECTURE PLANS

DECORATIVE CMU WALL OR FENCE BIORETENTION POND SEE LANDSCAPE PLANS

UTILITY YARD

WETPOND BOUNDARY (MAPFED AND SURVEYED)

BARRIER FREE PARKING HAND RAILS, REF. ARCH

# **LEGEND**

CONCRETE PAVEMENT -



SITE ENLARGEMENTS



Trinity Health

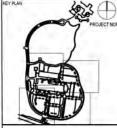
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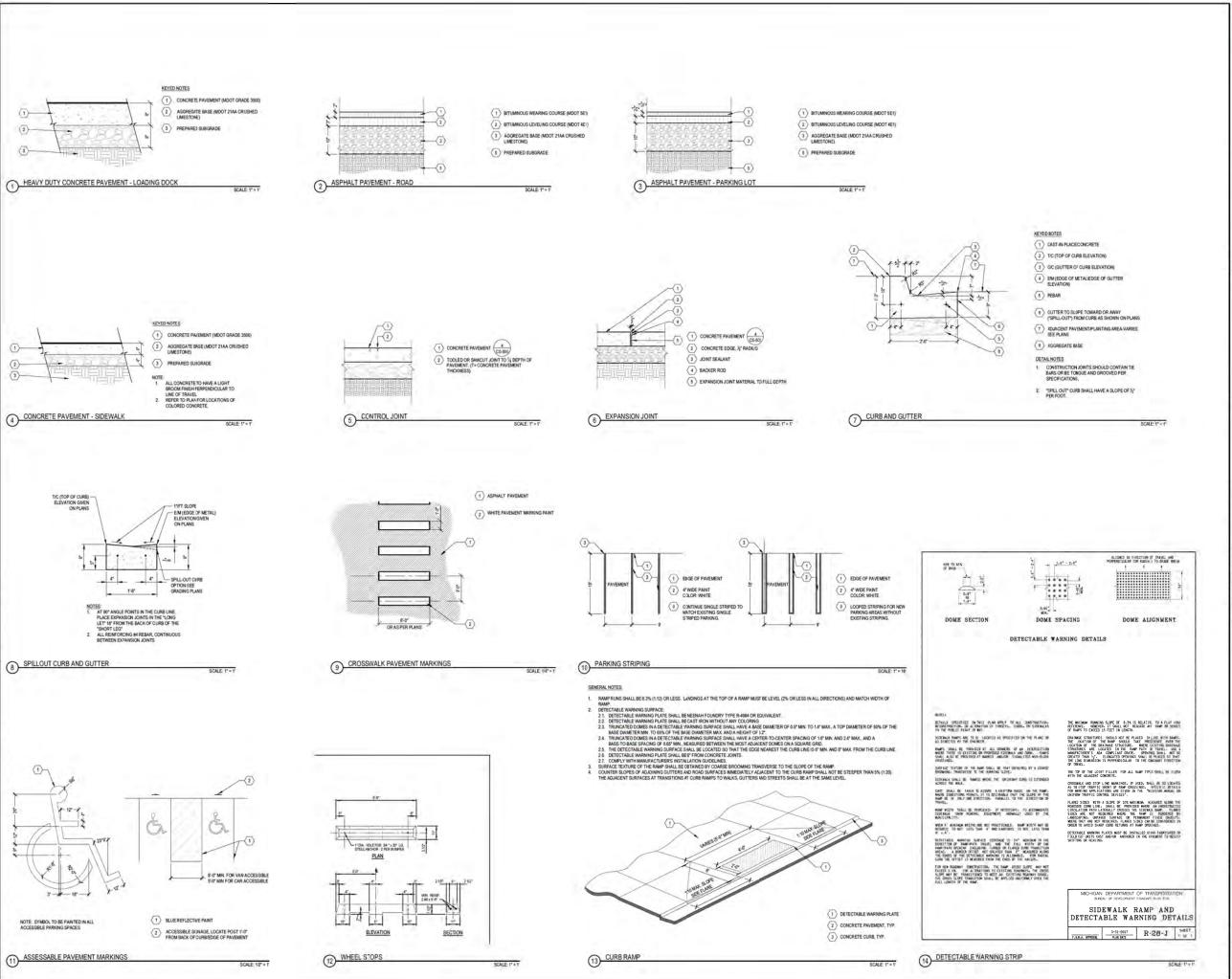
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CS-401





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SEALS AND SIGNATUR



VEVE 4

SITE DETAILS

CALE

13472.00 CS-500



# SHOWN FOR REFERENCE, INSTALLATION BY OTHERS. COORDINATE POWER SUPPLY TO SIGN LOCATIONS



FIXED BODY BOLLARD

(2) POLYETHYLENE PLUG }

(6) CONCRETE FOUNDATION

5 BOLLARD

(3) FINISHED GRADE 4 CONCRETE PAVEMENT - HEAVY DUTY 5 STEEL REBAR 10MM X 7" (STEEL EPOXY



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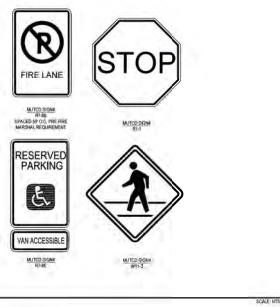


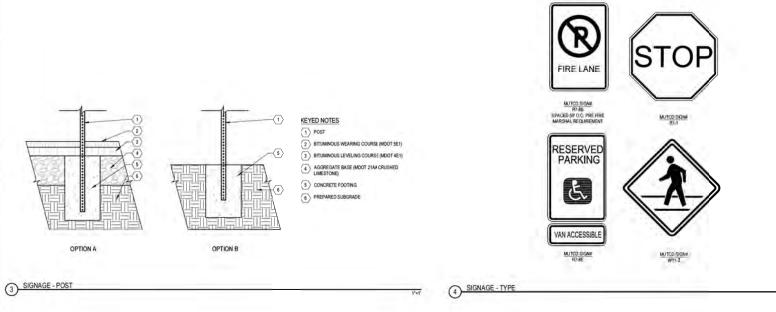


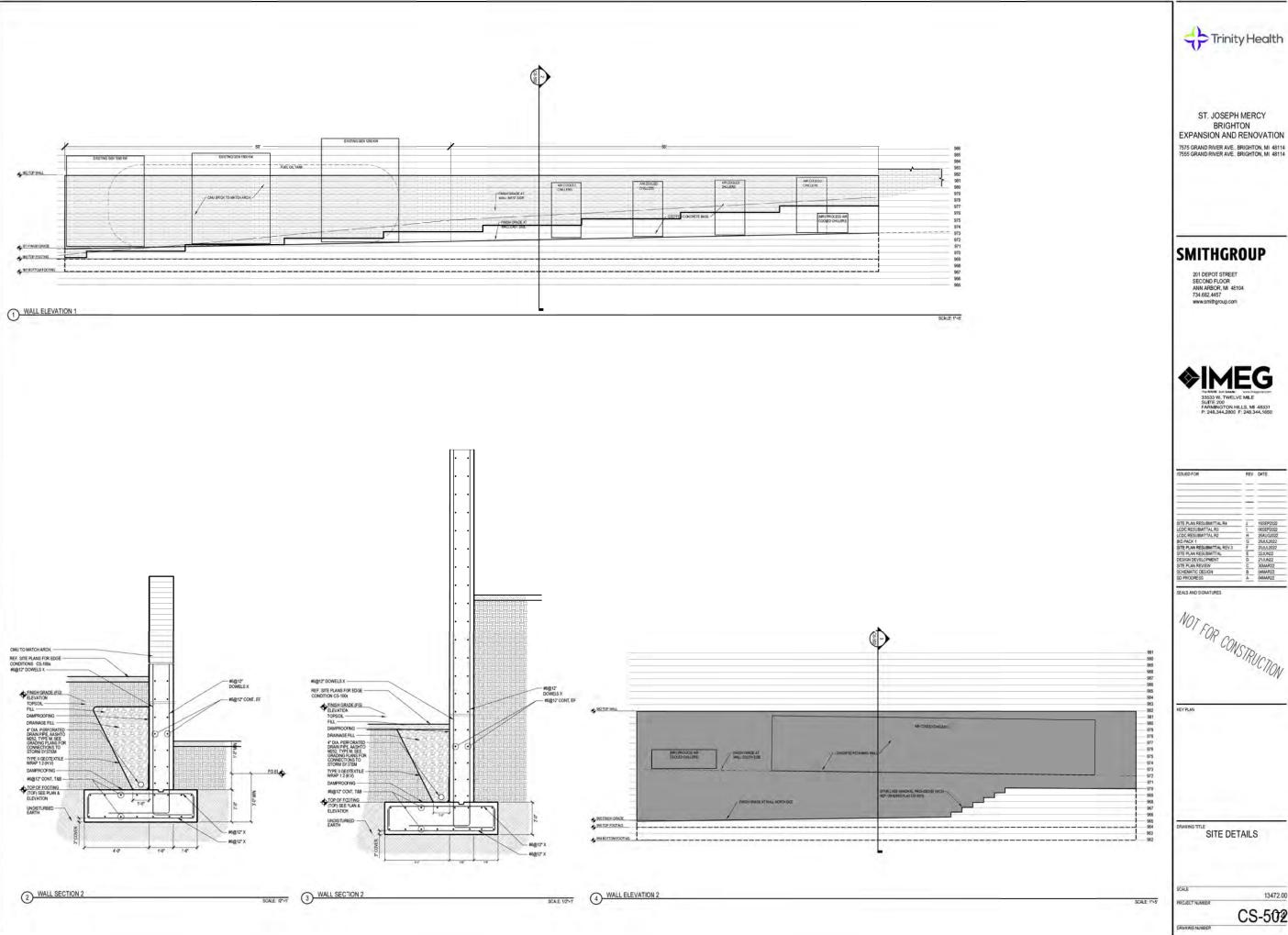


SITE DETAILS

13472.00 CS-503







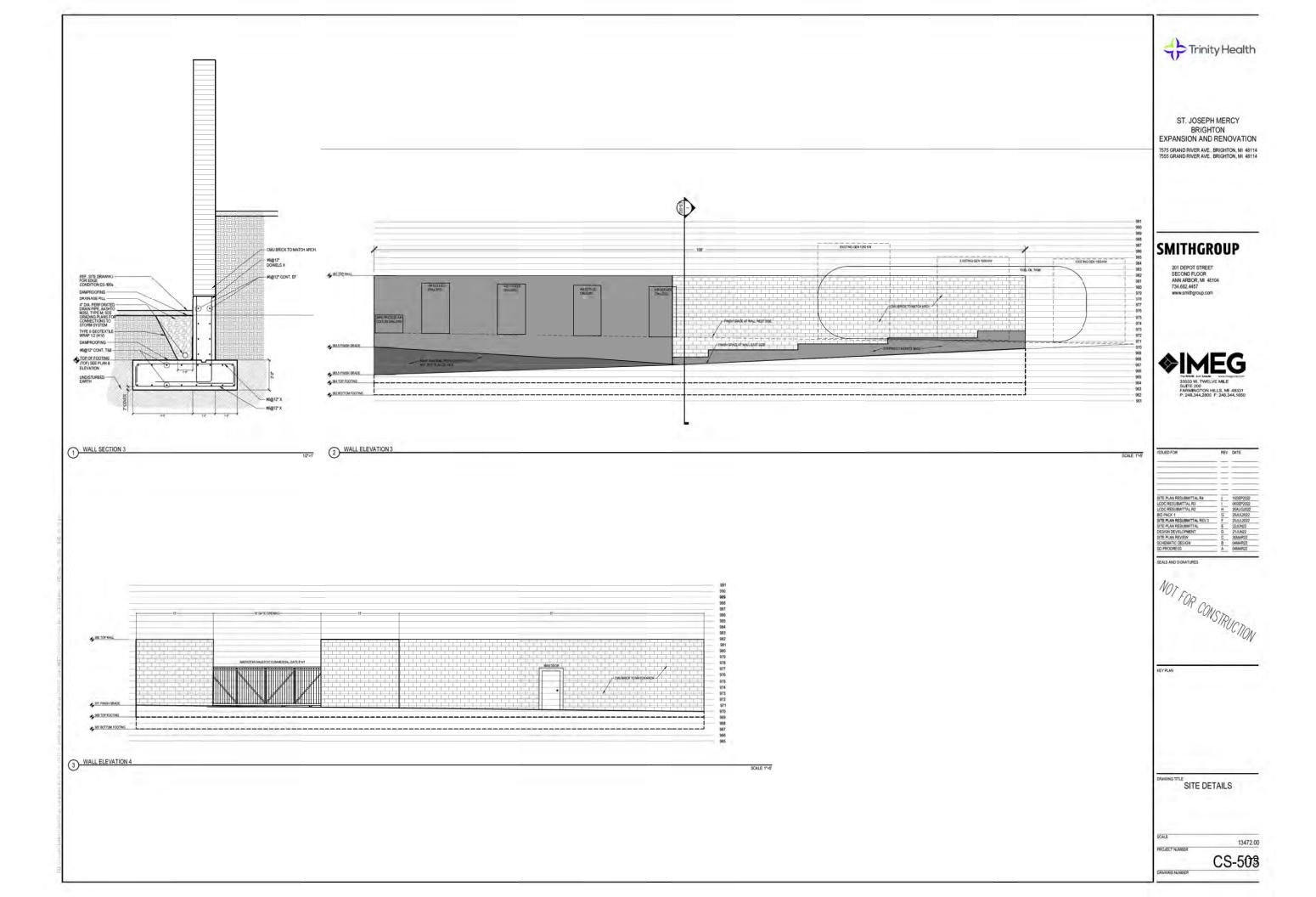


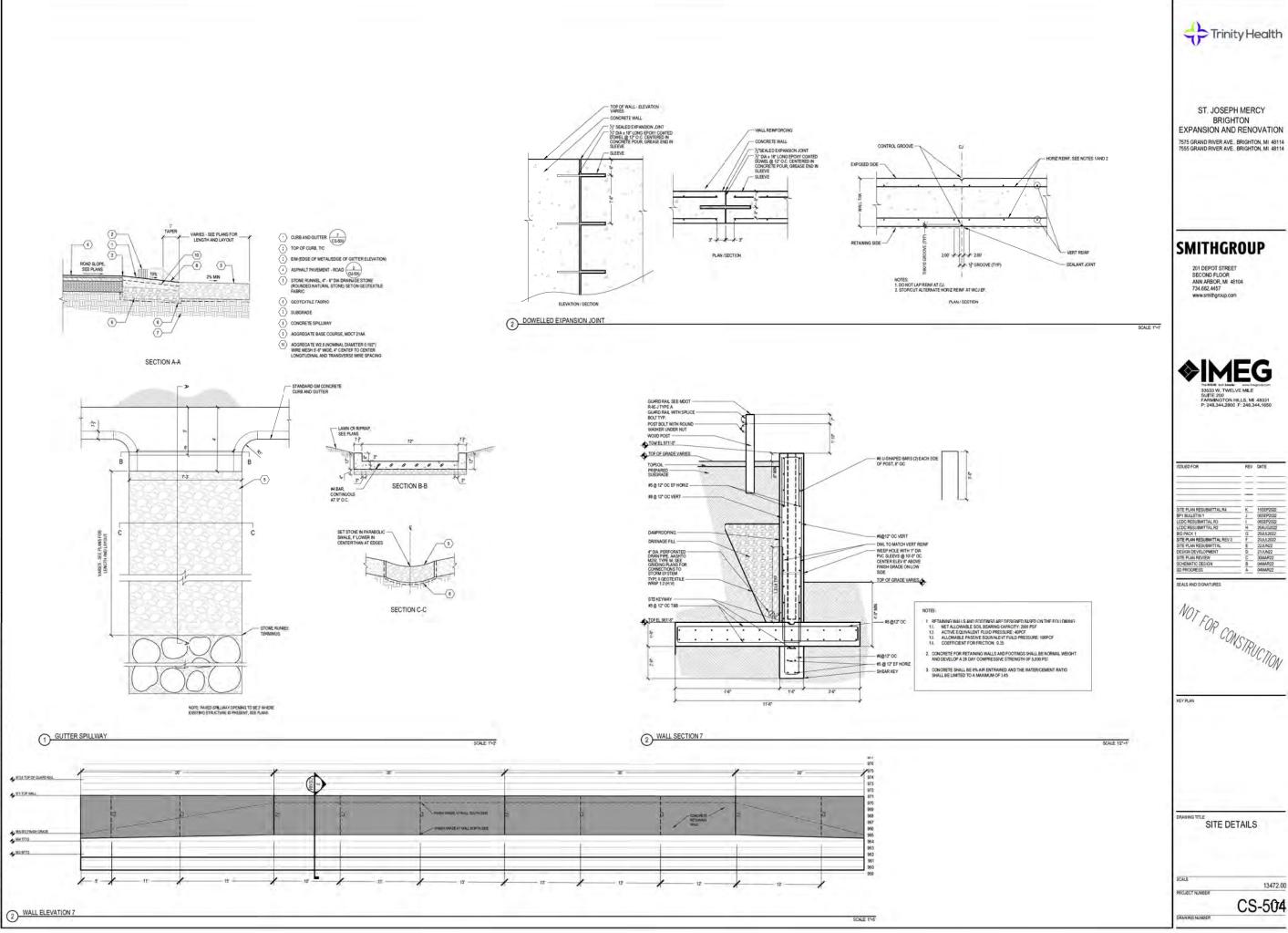


ISSUED FOR	REV	DATE
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SITE PLAN RESUBMITTAL R4		16SEP2022
LCDC RESUBMITTAL R3	1	06SEP2022
LCDC RESUBMITTAL R2	н	26AUG2022
BID PACK 1	G	29JUL2022
SITE PLAN RESUBMITTAL REV 3	F	20JUL2022
SITE PLAN RESUBMITTAL	E	22JUN22
DESIGN DEVELOPMENT	D	21JUN22
SITE PLAN REVIEW	C	30MAR22
SCHEMATIC DESIGN	B	04MAR22
SD PROGRESS	A	04MAR22

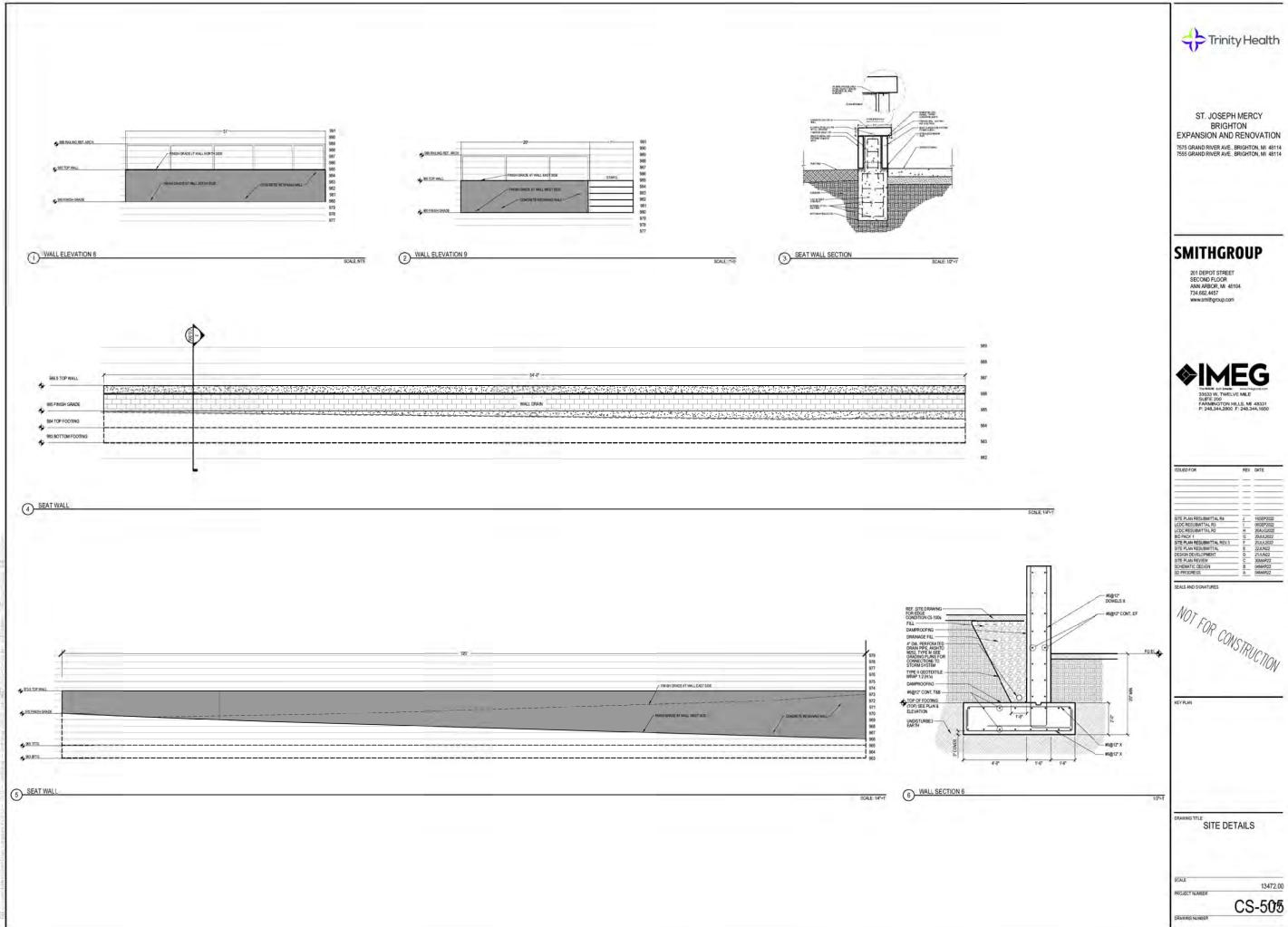


CS-502

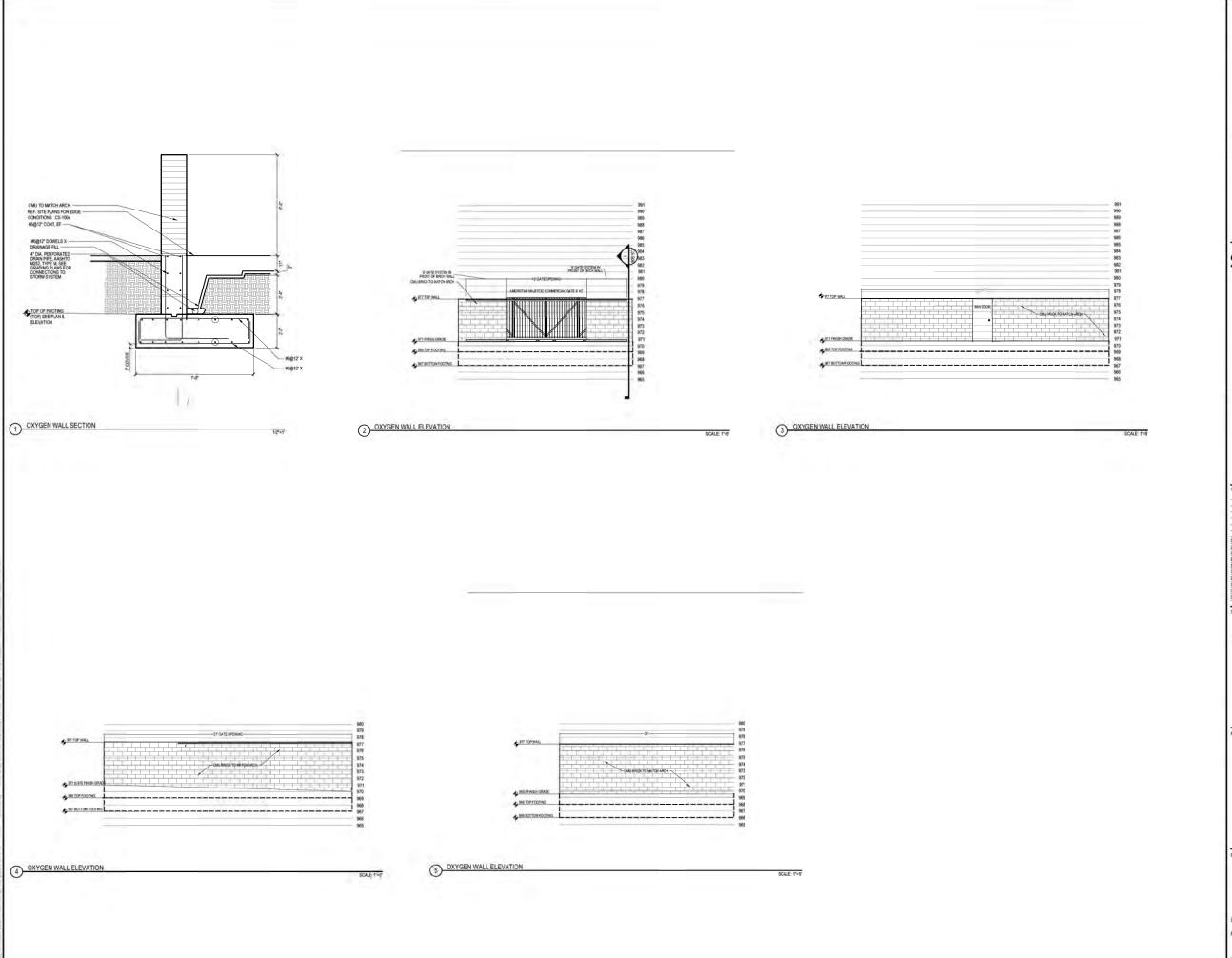














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ISSUED FOR	REV	DATE
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SITE PLAN RESUBMITTAL R4	4_	1688
LCDC RESUBMITTAL R3	T	OSSE
LCDC RESUBMITTAL R2	H	26AL
BID PACK 1	G	29JU
SITE PLAN RESUBMITTAL REV 3	F	2010
SITE PLAN RESUBMITTAL	E	22,50
DESIGN DEVELOPMENT	D	21,0
SITE PLAN REVIEW	C	30M
SCHEMATIC DESIGN	B	04M
SD PROGRESS	A	04M

SEALS AND SIG

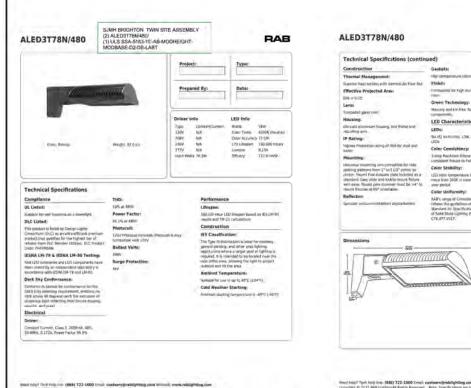


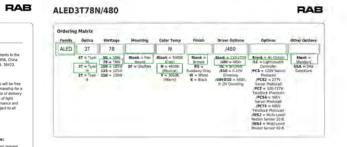
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SITE DETAILS

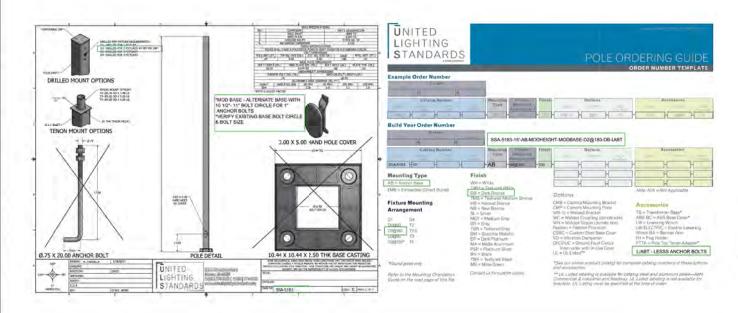
SCALE PROJECT NUMBER

CS-506





PARKING LIGHTING FIXTURE



LED LUMNAIRE SINGLE OR DOUBLE HEADER REF. SITE PLAN FOR TYPE TENON TO SUIT THE FIXTURE 30'-0" STEEL ROUND TAPERED POLE - RIGID METAL CONDUIT \_ (6) #8 VERT W/#3 TIES @16" O.C. RIGID TO PVC COUPLING CONCRETE -FOUNDATION

2 PARKING POLE FIXTURE

3 POLE FOUNDATION DETAIL



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ISSUED FOR	REV	DATE
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	Ξ	
SITE PLAN RESUBMITTAL R4	4	16SEP2022
LCDC RESUBMITTAL R3	10-	06SEP2022
LCDC RESUBMITTAL R2	H	26AUG2022
BID PACK 1	G	29JUL2022
SITE PLAN RESUBMITTAL REV 3	F	20JUL2022
SITE PLAN RESUBMITTAL	E	22JUN22
DESIGN DEVELOPMENT	D	21JUN22
SITE PLAN REVIEW	C	30MAR22
	B	04MAR22
SCHEMATIC DESIGN	21	



SITE DETAILS

CS-507

13472.00

# SHEET NOTES

OTHE COMMENCEMENT OF WORK, VERIFY LOCATIONS AN OF ALL UNDERGROUND UTILITIES THAT MAY BE AFFECTED B UCTION AND TAKE RESPONSIBILITY FOR DAMAGES TO SUC CAUSED AS A RESULT OF CONSTRUCTION.

THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENT ON DRAWINGS.

ALL SUBGRADES IN ACCORDANCE WITH ENDATIONS OF GEOTECHNICAL ENGINEER. PROVIDE PROD EQUIRED SOIL COMPACTION TO THE OWNER.

NATE WORK OF SUBCONTRACTORS AND ALL OTHE.
TORS TO ENSURE ORDERLY AND EFFICIENT COMPLETION
ORK.

LL SURFACES TO DRAIN. NOTIFY OWNERS REPRESENTATIN DECREPANCIES BETWEEN SURVEY GRADES AND ACTUA VATIONS. ANY AREAS OF POOR DRAINAGE OR NADEQUAR E FROM PROPOSED IMPROVEMENTS SHALL BE MODIFIED A DRAID APPOSED OF THE MANDATELY AND SHALL BE MODIFIED A DAID APPOSED.

Drainage away from all paved surfaces as show drawings. Ensure all areas will properly drain to inlet, spillway, and/or swale without standing of water.

Grades in Barrier free Parning Areas and Ramp Sighal Not exceed 7% in any direction (rolusive of Corpet Dicearnose, cross Scores on all pavice BES Small NOT Exceed 7% when Measured DICLULART TO THE PRESTRIAN LINE OF THATE (ROLUSIVE OF DI COLERANCES) UNESS OTHERWISE NOTED ON PAWS. WAVENETS REPRESENTATIVE PRIOR TO INSTITUTION OF ANY UNIFACES WITH A CROSS SLOPE THAT EXCEEDS 2%.

ONAL SLOPES ON AL. PAVED SURFACES SHALL NOT EXCEED MEASURED PARALLS. TO THE PEDESTRIAN LINE OF TRAVEL E OF SPECIFIED TOLERANCES) UNLESS OTHERWISE D ON PLANS OR WITHIN RAMPS

ALL PAVEMENT SURFACES UNIFORMLY BETWEEN SPO NS NOTED ON THE PLANS (EXCEPT WHERE NOTED

ANSITIONS SHALL BE MADE UNIFORMLY WITHOUT ABRIS S OR IRREGULARITIES. ENSURE THAT THE TOP OF CL IN IS THE SAME AT INTERSECTIONS WITH ADJACENT AND IT CURB TYPES AND EXISTING GRADE TRANSITIONS SHA MUM OF 5 LINEAL FEET UNLESS OTHERWISE NOTED.

CTOR TO VERIFY ALL EXISTING SPOT ELEVATIONS ALON F THE EXISTING AND NEW PAVEMENT WHERE THE GRADIN MEET EXISTING ME). NOTIFY THE A/E OF AN STENCIES, DRAINAGE ISSUES, OR SLOPE DISCREPANCES.

GRADE WITHIN THE DRIP LINE OF ANY EXISTING TRE TED TO REMAIN.

LANDINGS' SHALL BE PROVIDED AT ALL CURB RAME ONS. PAVEMENT SLOPES WITHIN LEVEL LANDING SHALL NO' 12% IN AMY DIRECTION (INCLUSIVE OF TOLERANCES), ADU LIK RAMPS SHALL BE N ACCORDANCE WITH CURPENT MOD' LIK RAMP AND DETECTIBLE WARNING DETAILS R-28-J.

ALL UTILITY STRUCTURES NOT SHOWN IN UTILITY PLAN T

FILES OF THE CIVIL 30 DATA TO BE MADE AVAILABLE TO THE CTOR AND CONSTRUCTION STAKING SURVEYOR FOR ICTION LAYOUT AND STAKING OF THE PROPOSE INS AND IMPROVEMENT.

HOLES, CATCH BASINS, AND INLETS TO BE PER MODESTRUCTURES R-1-G.

# LEGEND

PROPOSED SPOT ELEVATION

TOP OF CURB ELEVATION TOP OF WALL BLEVATION

BOTTOM OF WALL ELEVATION

FINISHED FLOOR ELEVATION TOP OF POND BLEVATION

> EXISTING MAJOR CONTOURS EXISTING MINOR CONTOURS - PROPOSED MAJOR CONTOURS

- PROPOSED MINOR CONTOURS - STORM SEWER STORM STRUCTURE (STMH)

CATCH BASIN (CB) OUTLET CONTROL STRUCTURE (OC) CURB INLET (C)

FLARED END SECTION (FES) RIP RAP

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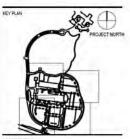
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ISSUED FOR	REV	DATE
SITE PLAN RESUBMITTAL R4		16SEP2022
EGLE PERMIT R2	м	14SEP2022
LCDC RESUBMITTAL R4	L	13SEP2022
BP1 BULLETIN 1	K	06SEP2022
EGLE PERMIT R1	J	06SEP2022
LCDC RESUBMITTAL R3	1	06SEP2022
LCDC RESUBMITTAL R2	н	26AUG2022
BID PACK 1	G	29JUL2022
SITE PLAN RESUBMITTAL REV 3	F	20JUL2022
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SCHEMATIC DESIGN	В	04MAR22
SD PROGRESS	A	04MAR22

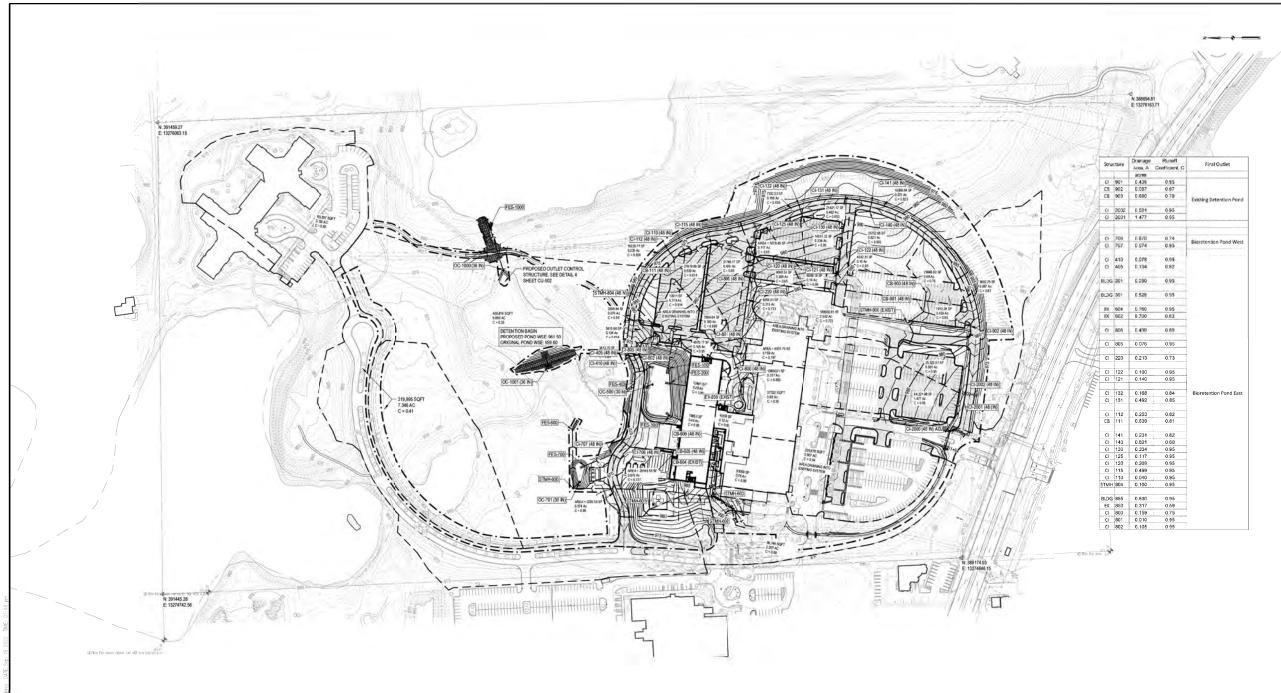




OVERALL GRADING AND STORM PLAN

SCALE:1" = 100"

CG-100





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ISSUED FOR	REV	DATE
	=	=
EGLE PERMIT R2	W	14SEP2
LCDC RESUBMITTAL R4	L	13SEP2
EGLE PERMIT R1	K	06SEP2
BP1 BULLETIN 1	J	06SEP2
LCDC RESUBMITTAL R3	-1	06SEP2
LCDC RESUBMITTAL R2	н	26AUG
BID PACK 1	G	29JUL2
SITE PLAN RESUBMITTAL REV 3	F	201012
SITE PLAN RESUBMITTAL	E	22JUN2
DESIGN DEVELOPMENT	D	21JUN2
SITE PLAN REVIEW	C	30MAR
SCHEMATIC DESIGN	B	04MAR
SD PROGRESS	A	04MAR

SEALS AND SIG



KEYPLAN

DRAINAGE AREA PLAN

SCALE:1" = 100'

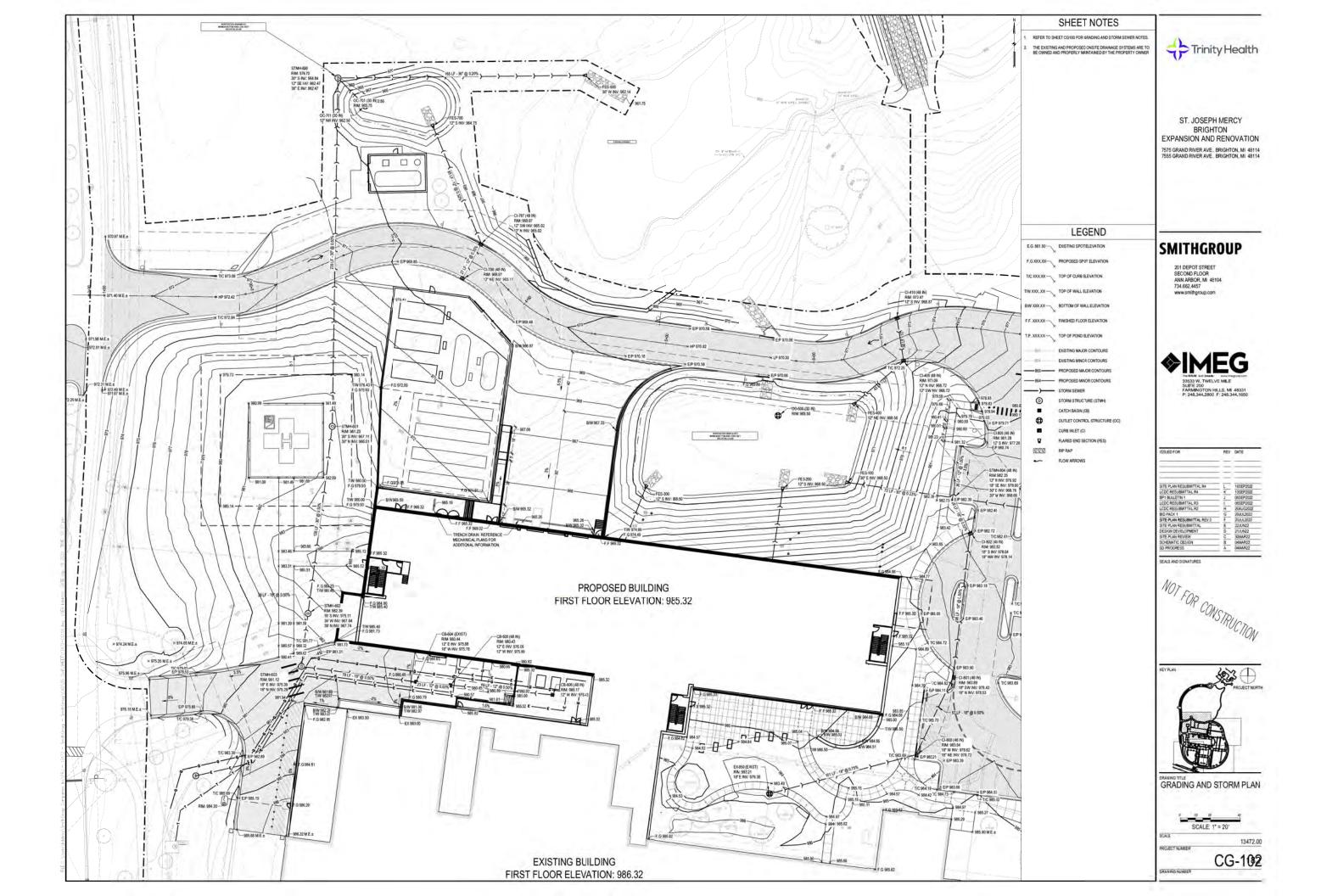
PROJECT NUMBER 13472.00

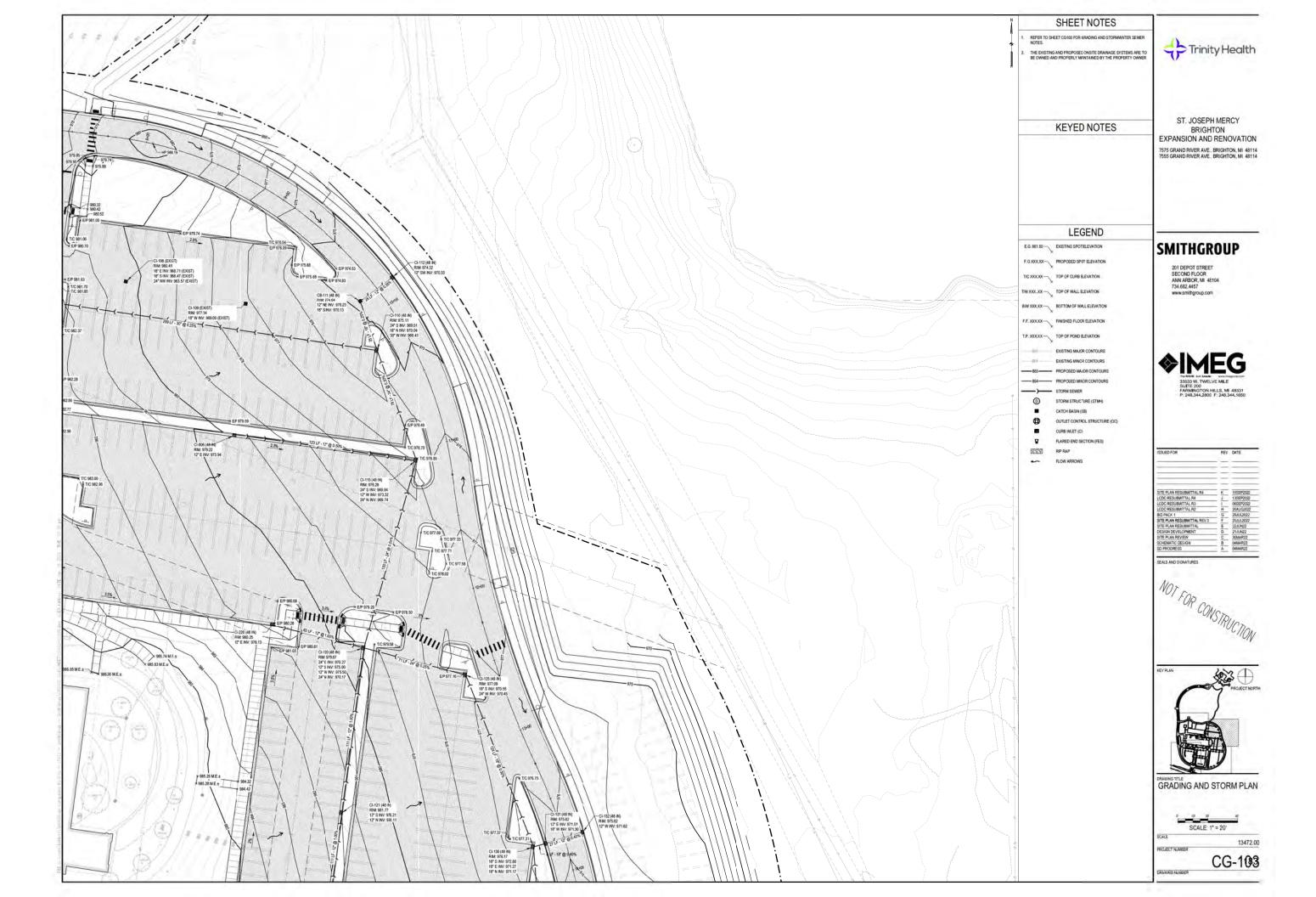
PROJECT NUMBER

The same of the last				Wat	ershed Char	acteristics							Pipe Chi	ra cteristi							
Upstream	Downstream	Drainage	Runoff		Cumulative	Time of	Design Rainfall	Runoff	Pipe	Pipe	Pipe	Pipe Flow	Pipe Flow		At	tual Pip	e Flow V		Velocit		
Structure No.	Structure No.	Area, A acres	Coefficient,	C Area, (AxC) acres	Equiv. Area acres	Concentration To, min	Intensity, i in/hr	Rate, Q cfs	Diameter, Di inches	Length, L	Slope, S	Capacity,* Qfull, cfs	Velocity Vtuli, fps	Q/Qfull	d/D	Aact	Pact	Qact cfs	Vact fps	Structure, Tf min	Flow Heig Above Inve
INL 410	NL 405	0.078	0.95	0.074	0.074	15.00	4.38	0.32	12	27	0.50	2.98	3.79	0.11		0.13	0.98	0.32	2,49	15.18	0.22
INL 405	FES 400	0.134	0.82	0.110	0.185	15.18	4.36	0.80	12	19	0.50	2.98	3.79	0.27	0.35	0.25	1.28	0.80	3.22	15.28	0.35
INI. 706	INL 707	0.670	0.74	0.494	0.494	15.00	4.38	2.16	12	27	0.50	2.98	3.79	0.73	0.63	0.52	1.84	2.16	4.13	15.11	0.63
NL 707	FES 700	0.074	0.95	0.070	0.564	15 11	4.36	2.46	12	76.	0.50	2.98	3.79	0.83		0.58	1.97	2.46	4.24	15.41	0.69
INL 201	FES 200	0.290	0.95	0.276	0.276	15.00	4.38	1.21	12	45	0.54	3.09	3.94	0.39	0.43	0.33	1.44	1.21	3.69	15.20	0.43
INL 302	INL 301	0.528	0.95	0.502	0.502	15.00	4.38	2.19	12	28	1.76	5.58	7.11	0.39	0.44	0.33	1.44	2,19	6.68	15.07	0.44
INI, 301	FES 300	0.000	0.82	0.000	0.502	15.07	4.37	2.19	12	33	0.50	2.98	3.79	0.74	0.64	0.53	1.85	2.19	4.15	15.20	0.64
INL 903	INL 901	0.680	0.70	0.476	0.476	15,00	4.38	2.08	12	56	0.50	2.98	3.79	0.70	0.62	0.51	1.81	2.08	4.10	15.23	0.62
INL 902	INL 901	0.087	0.87	0.076	0.076	15.00	4.38	0.33	12	137	0.50	2.98	3.79	0.11	0.23	0.13	0.99	0.33	2.50	15.91	0.23
INL 901	EX 900	0.439	0.95	0.417	0.969	15.91	4.28	4.14	12	56	1.00	4.21	5.36	0.98	0.81	0.68	2.23	4.14	6.11	16.07	0.81
INL 604	INL 602	0.760	0.95	0.722	0.722	15.00	4.38	3.16	18	114	0.50	8.78	4.97	0.36	0.41	0.69	2.10		4.56	15.42	0.62
INL 602	INL 601	9,700	0.63	6.111	6,833	15.42	4.33	29.59	30	126	0.50	34.26	6.98	0.86		3.77	5.05	29.59		15.68	1.79
INIL 601	INL 610	0.000	0.00	0.000	6.833	15,68	4.30	29.59	30	233	0.50	34.26	6,98	0.86	0,72	3.77	5.05	29.59	7.86	16.18	1.79
NL 610	FES 800	0.000	0.00	0.000	6.833	16.18	4.25	29.59	36	165	0.20	35.24	4.99	0.84	0.70	5.30	5.96	29.59	5.59	16.67	2.10
NL 2002	INL 2001	0.581	0.95	0.552	0.552	15.00	4.38	2.41	12	72	0.50	2.98	3.79	0.81		0.44	1.66		3.92	15.31	0.54
INL 2001	EX 2000	1.477	0.95	1.403	1.955	15.22	4,35	8.51	18	49	1.00	12.41	7.02	0.69	0.56	1.02	2.53	7.46	7.35	15.33	0.84

	lumber : oription : Storm Sew	er Analysis -	East Line			b	175 25	$i = a\eta(t_0 + b)$				Manning n	0.011			h	Assimum'	velocity	10.0	ft/sec	
	Watershed Characteristics Pipe Characteristics																				
Upstream	Downstream	Drainage	Runoff	Equivalent	Cumulative	Time of	Design Rainfall	Runoff	Pipe	Pipe	Pipe	Pipe Flow	Pipe Flow	ALC: U	A	ctual Pip	e Flow Ve	slocity	V	Time to Ned	
Structure No.	Structure No.	Area, A acres	Coefficient,	C Area, (AxC) acres	Equiv. Area acres	Concentration To, min	Intensity, i in/hr	Rate, Q cfs	Diameter, D inches	Length, L.	Slope, S	Capacity,* Qfull, cfs	Velocity, Vfull, fps	Q/Qfult	d/D	Aact	Pact	Qact dfs	Vact fps	Structure, Tf	Flov Heigi Above Inve
INL 806	INL 115	0.499	0.89	0.442	0.442	15.00	4.38	1.93	12	164	0.50	2.98	3.79	0.65	0.59	0.48	1,75	1.93	4.04	16.68	0.59
INL 805	INL 804	0.076	0.95	0.072	0.072	15.00	4.38	0.32	12	36	1.00	4.21	5.36	0.08	0.19	0.10	0,89	0.32	3.16	15.19	0.19
EX 856	INL 850	0.150	0.95	0.143	0.143	15.00	4.38	0.62	12	103	1.00	4.21	5.36	0.15	0.28	0.16	1.07	0.62	3.84	15.45	0.26
INL 220	INL 120	0.213	0.73	0.156	0.156	15.00	4.38	0.68	12	63	1.00	4.21	5.36	0.16	0.27	0.17	1.10	0.68	3.94	15.27	0.27
INL 122	INL 121	0.100	0.95	0.095	0.095	15.00	4.38	0.42	12	111	1.00	4.21	5,36	0.10	0.21	0.12	0.96	0.42	3.42	15.54	0.21
INL 121	INL 120	0.140	0.95	0.133	0.228	15.54	4.32	0.98	12	311	1.00	4.21	5.38	0.23	0.33	0.22	1.22	0.98	4.37	15.96	0.33
INL 132	INL 131	0.168	0.84	0.140	0.140	15.00	4.38	0.61	12	27	0.40	2.66	3,39	0.23	0.33	0.22	1.22	0.61	2.76	15.16	0.33
INL 131	INL 130	0.492	0.85	0.420	0.560	15.16	4.36	2.44	18	8	0.40	7.85	4.44	0.31	0.38	0.62	2.00	2,44	3.92	15.20	0.57
INL 112	INL 111	0.253	0.82	0.208	0.208	15.00	4.38	0.91	12	111	0.35	2.49	3.17	0.37	0.42	0.31	1,41	0.91	2.93	15.63	0.42
INL 111	INL 110	0.639	0.81	0.520	0.729	15.63	4.31	3.14	18	35	0.25	6.20	3.51	0.51	0.50	0.89	2.37	3.14	3.52	15.80	0.75
INL 141	INL 140	0.231	0.82	0.190	0.190	15.00	4.38	0.83	12	27	0.50	2.98	3.79	0.28	0.36	0.26	1.29	0.83	3.25	15.14	0.36
INL 140	INL 130	0.821	0.60	0.495	0.685	15.14	4.36	2.99	18	192	0.50	8.78	4.97	0.34	0.40	0.66	2.06	2.99	4.49	15.85	0.60
INL 130	INL 125	0.334	0.95	0.317	1.563	15.85	4.28	6.69	18	124	0.50	8.78	4.97	0.76	0.65	1.22	2.82	6.69	5.47	16.23	0.98
INL 125	INL 120	0.117	0.95	0.111	1.674	16.23	4.24	7.10	24	71	0.25	13.36	4.25	0.53	0.52	1.64	3.22	7.10	4.32	16.50	1.04
INL 120	INL 115	0.209	0.95	0.199	2.256	16.50	4.22	9.51	24	130	0.25	13.36	4.26	0.71	0.62	2.06	3.64	9.51	4.62	16.97	1.25
INL 115	INL 110	0.499	0.95	0.474	3.173	16.97	4.17	13.23	24	78	0.30	14.64	4.66	0.90	0.74	2.51	4.16	13.23	5.28	17.22	1.49
INL 110	INL 804	0.040	0.95	0.038	3.939	17.22	4,15	16.33	30	261	0.25	24.23	4.94	0.67	0.60	3.08	4.44	16.33	5.30	18.04	1.50
INL 804	ES 100	0.100	0.95	0.095	5.263	18.04	4.07	21.40	30	65	0.25	24.23	4.94	0.88	0.73	3.84	5.12	21.40	5.57	18.23	1.83
EX 855	INL 850	0.630	0.95	0.599	0.599	15.00	4.38	2.62	12	42	1.00	4.21	5.36	0.62	0.57	0.46	1.71	2.62	5.65	15.12	0.57
INL 850	INL 800	0.317	0.59	0.188	0.929	15.45	4,33	4.02	18	101	0.75	10.75	6.08	0.37	0.42	0.71	2.13	4.02	5.64	15.75	0.64
INL 800	INL 801	0.159	0.75	0.119	1.048	15.75	4.29	4.50	18	58	0.50	8.78	4.97	0.51	0.51	0.90	2.38	4.50	5.00	15.94	0.76
INL 801	INL 802	0.010	0.95	0.010	1.057	15.94	4.27	4.52	18	97	0.50	8.78	4.97	0.62	0.51	0.90	2.38	4.52	5.00	16.26	0.76
INL 802	INL 804	0.105	0.95	0.100	1.157	16.26	4.24	4.91	18	28	0.50	8.78	4.97	0.56	0.53	0.96	2.46	4.91	5.11	16.35	0.80

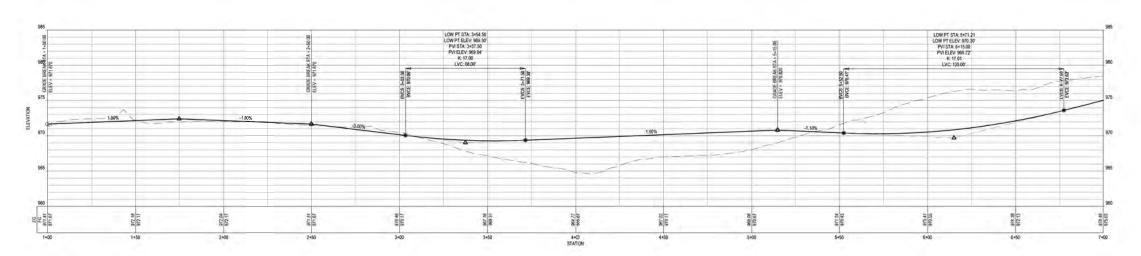
Job Name : St Joe Medical Center - Brighton





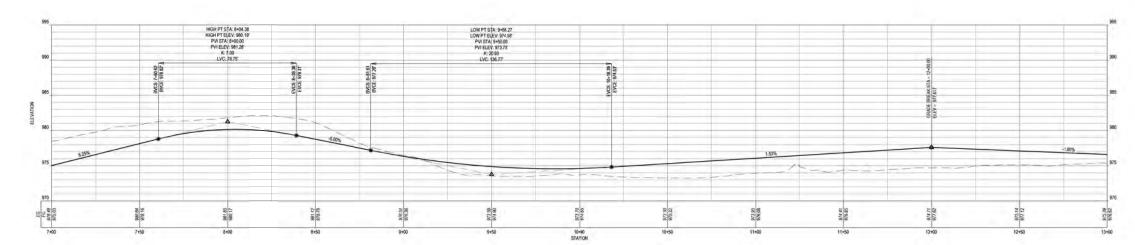






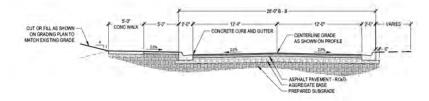
1 LOOP ROAD (STA 1+00 - 7+00)

HORIZ SCALE: 1" = 20" VERT SCALE: 1" = 5"



2 LOOP ROAD (STA 7+00 - 13+00)

HORIZ SCALE: 1" = 20" VERT SCALE: 1" = 5"



3 TYPICAL ROAD SECTION (LOOP ROAD)



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## SMITHGROUP

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ISSUED FOR	REV	DATE
	Ξ	
SITE PLAN RESUBMITTAL R4	K	16SEP2022
LCDC RESUBMITTAL R4	J	13SEP2022
LCDC RESUBMITTAL R3	1	06SEP202
LCDC RESUBMITTAL R2	н	26AUG202
BID PACK 1	G	29JUL2022
SITE PLAN RESUBMITTAL REV 3	F	201012023
SITE PLAN RESUBMITTAL	E	22JUN22
DESIGN DEVELOPMENT	D	21JUN22
SITE PLAN REVIEW	C	30MAR22
SCHEMATIC DESIGN	B	04MAR22
SD PROGRESS	A	04MAR22

SEALS AND SIGNAT



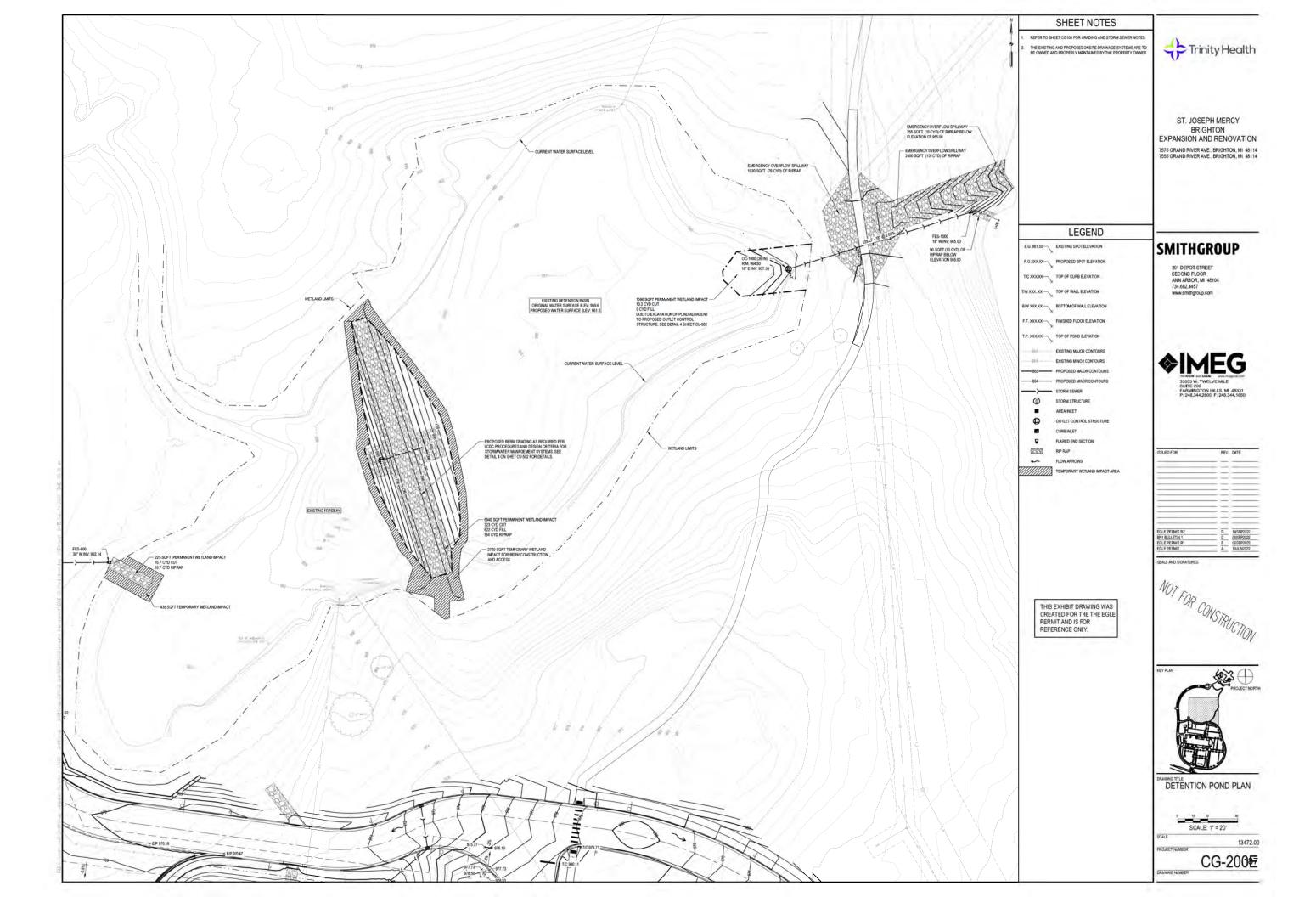
VEVE III

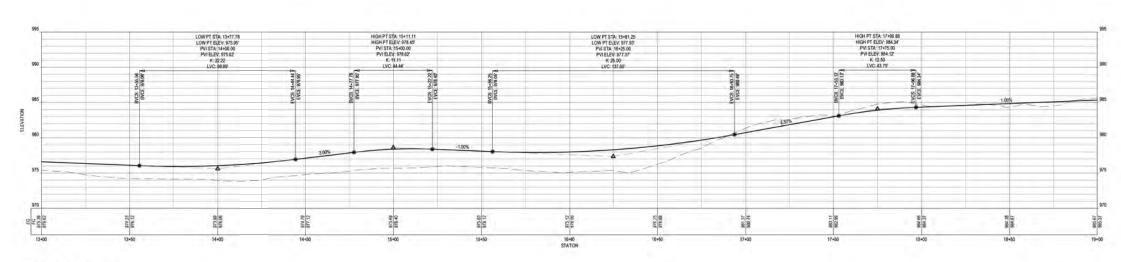
ROAD PROFILES

SCALE DOT MINES

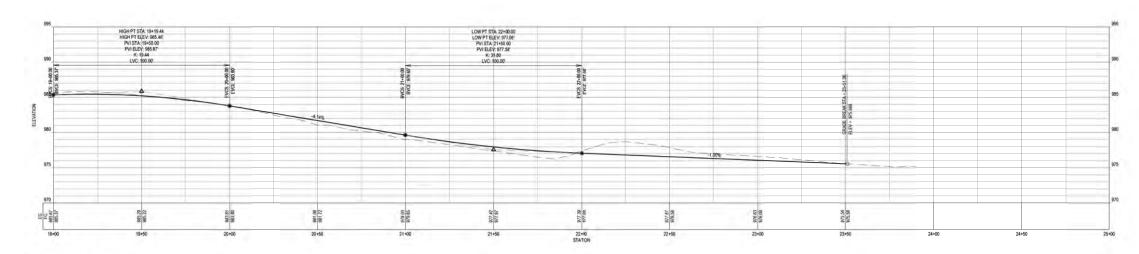
13472.00

CG-200





① LOOP ROAD (STA 13+00 - 19+00)
HORZ SCALE: 1" > 20
VERT SCALE: 1" > 20



2 LOOP ROAD (STA 19+00 - 24+00)
HORZ SCALE: 1" > 20
VERT SCALE: 1" > 20



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ISSUED FOR	REV	DATE
	Ξ	
SITE PLAN RESUBMITTAL R4		16SEP2022
LCDC RESUBMITTAL R4	- K	13SEP2022
EGLE PERMIT R1	J	06SEP2022
LCDC RESUBMITTAL R3	1	06SEP2022
LCDC RESUBMITTAL R2	H	26AUG2022
BID PACK 1	G	29JUL2022
SITE PLAN RESUBMITTAL REV 3	F	20JUL2022
SITE PLAN RESUBMITTAL	E	22JUN22
DESIGN DEVELOPMENT	D	21JUN22
SITE PLAN REVIEW	C	30MAR22
SCHEMATIC DESIGN	B	04MAR22
SD PROGRESS	A	04MAR22

SEALS AND SIGNATI



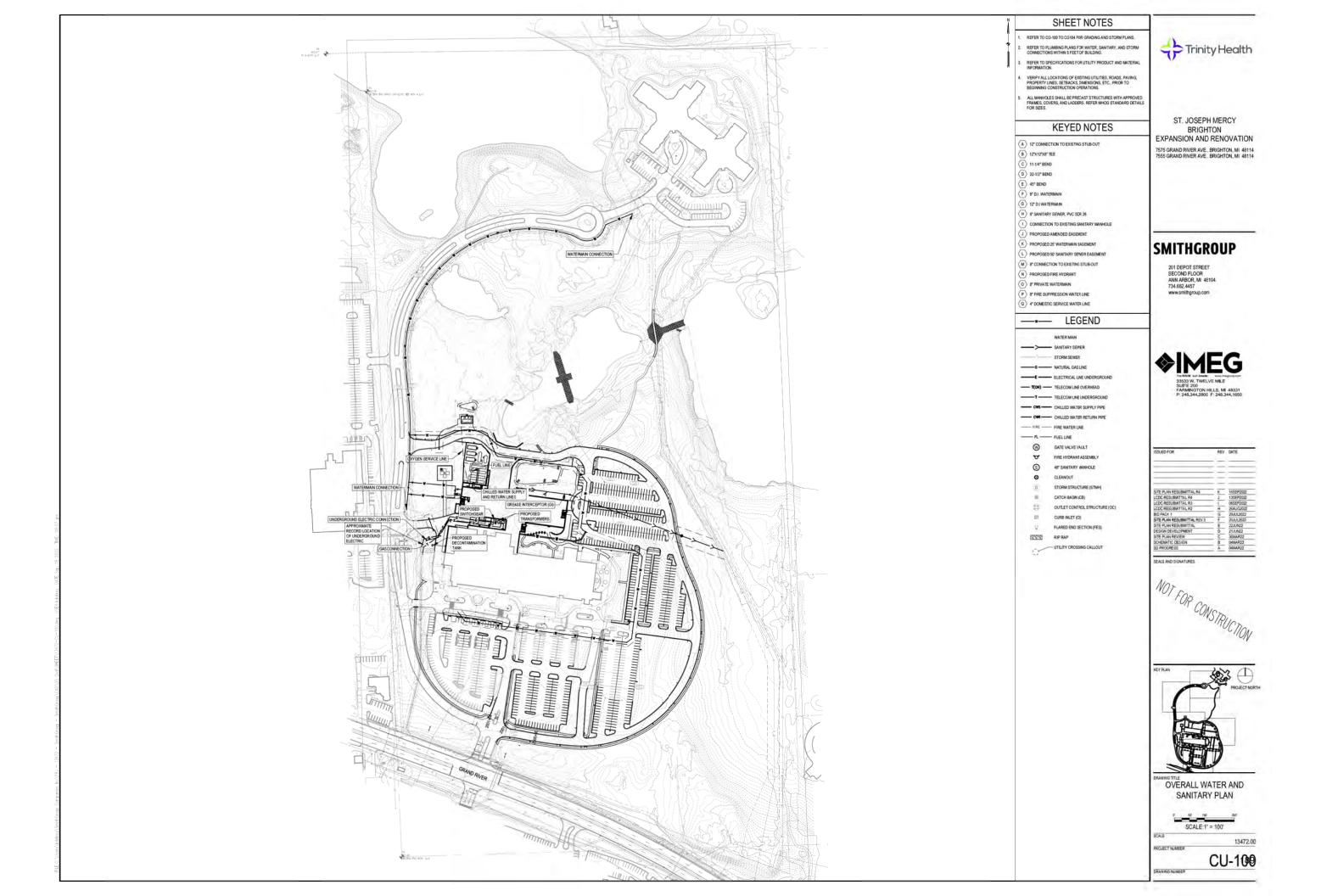
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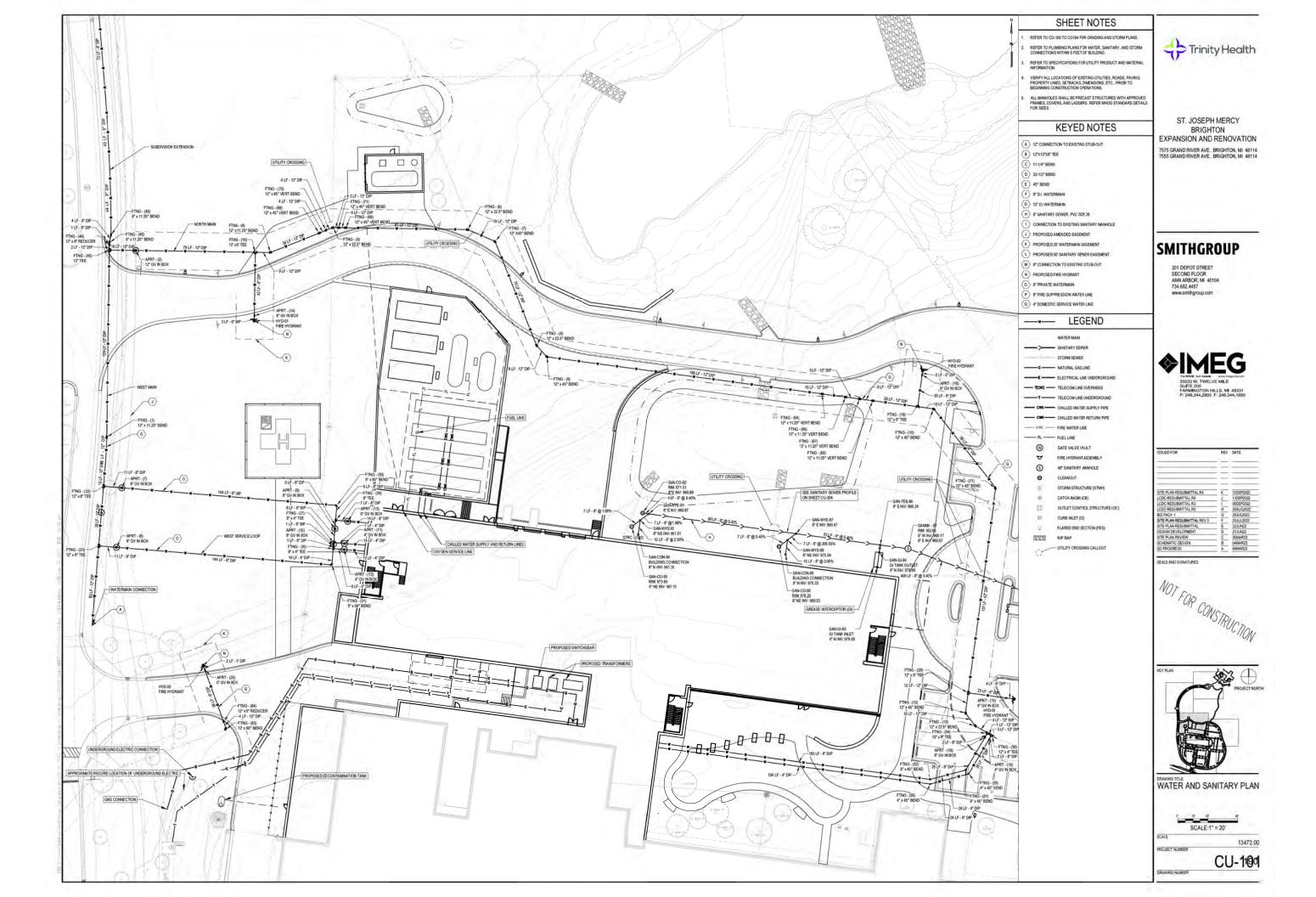
ROAD PROFILES

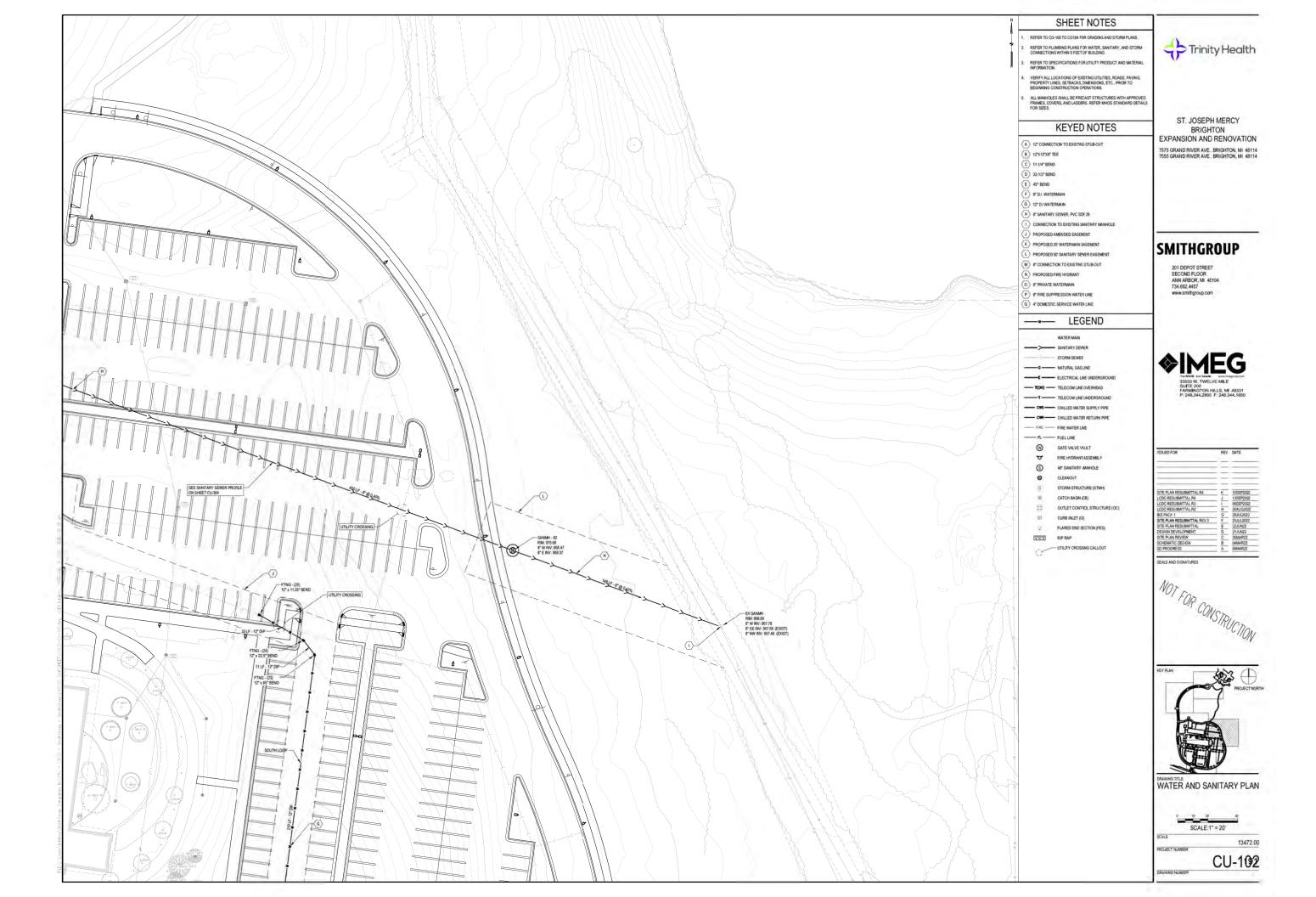
SCALE

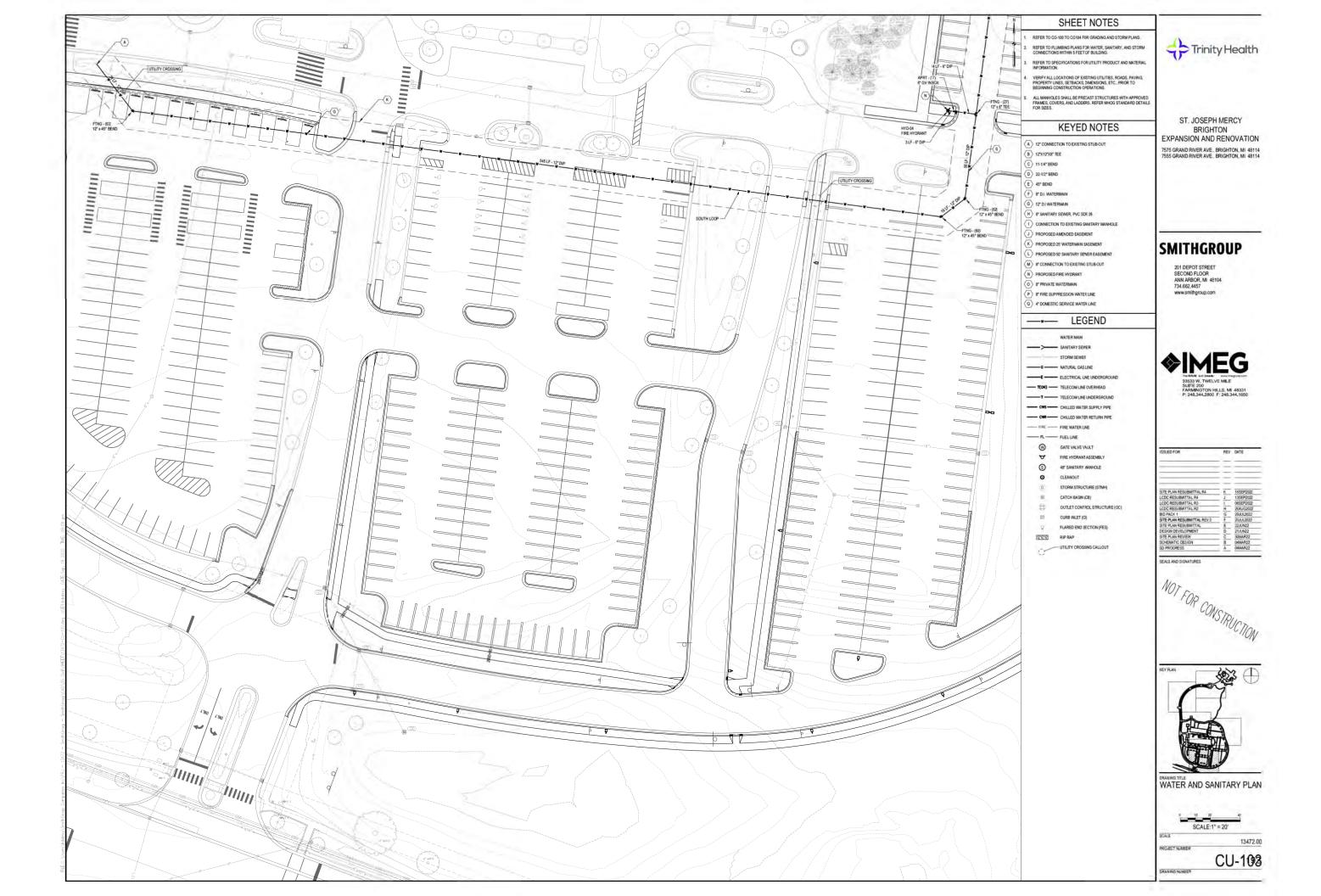
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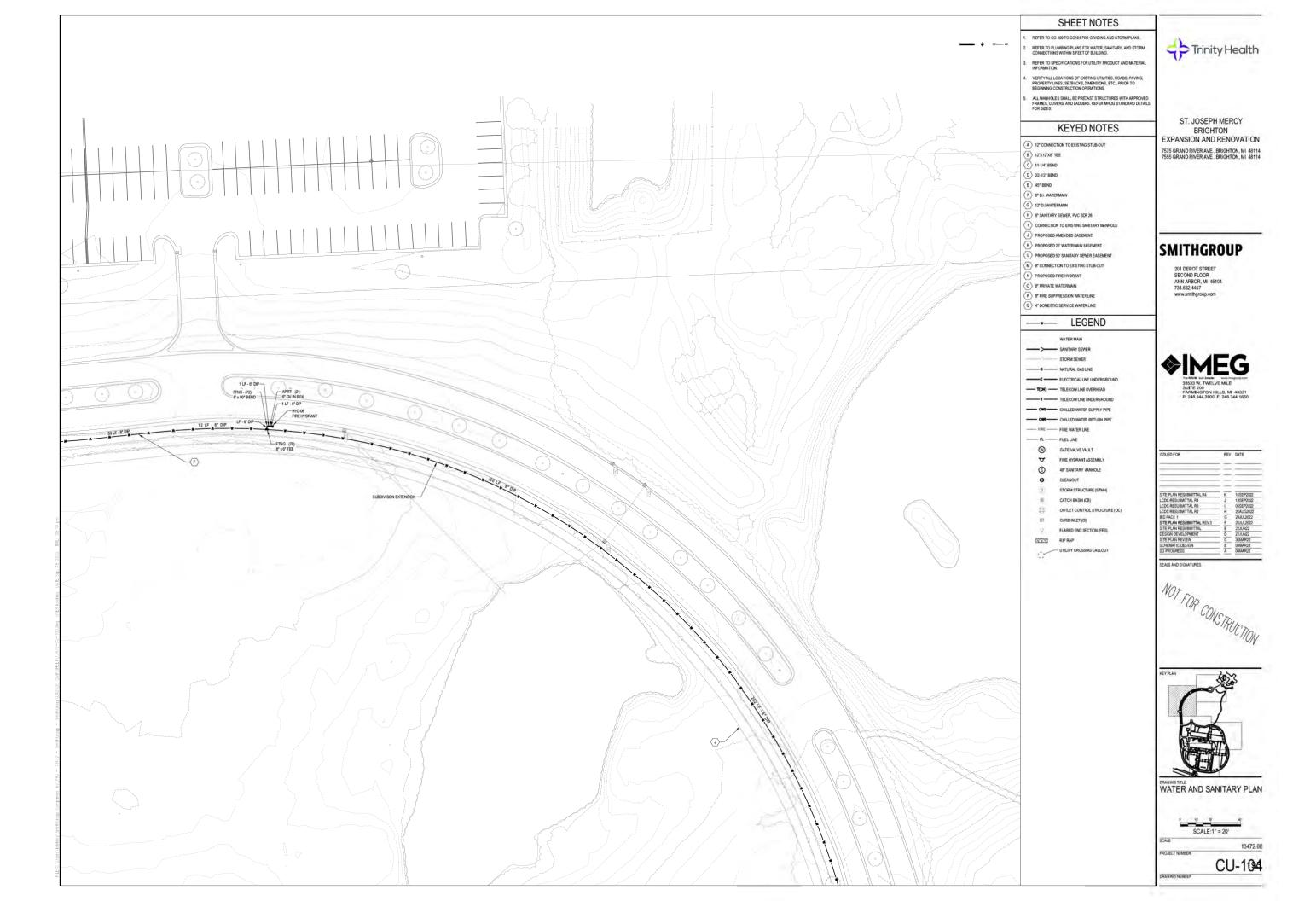
CG-204

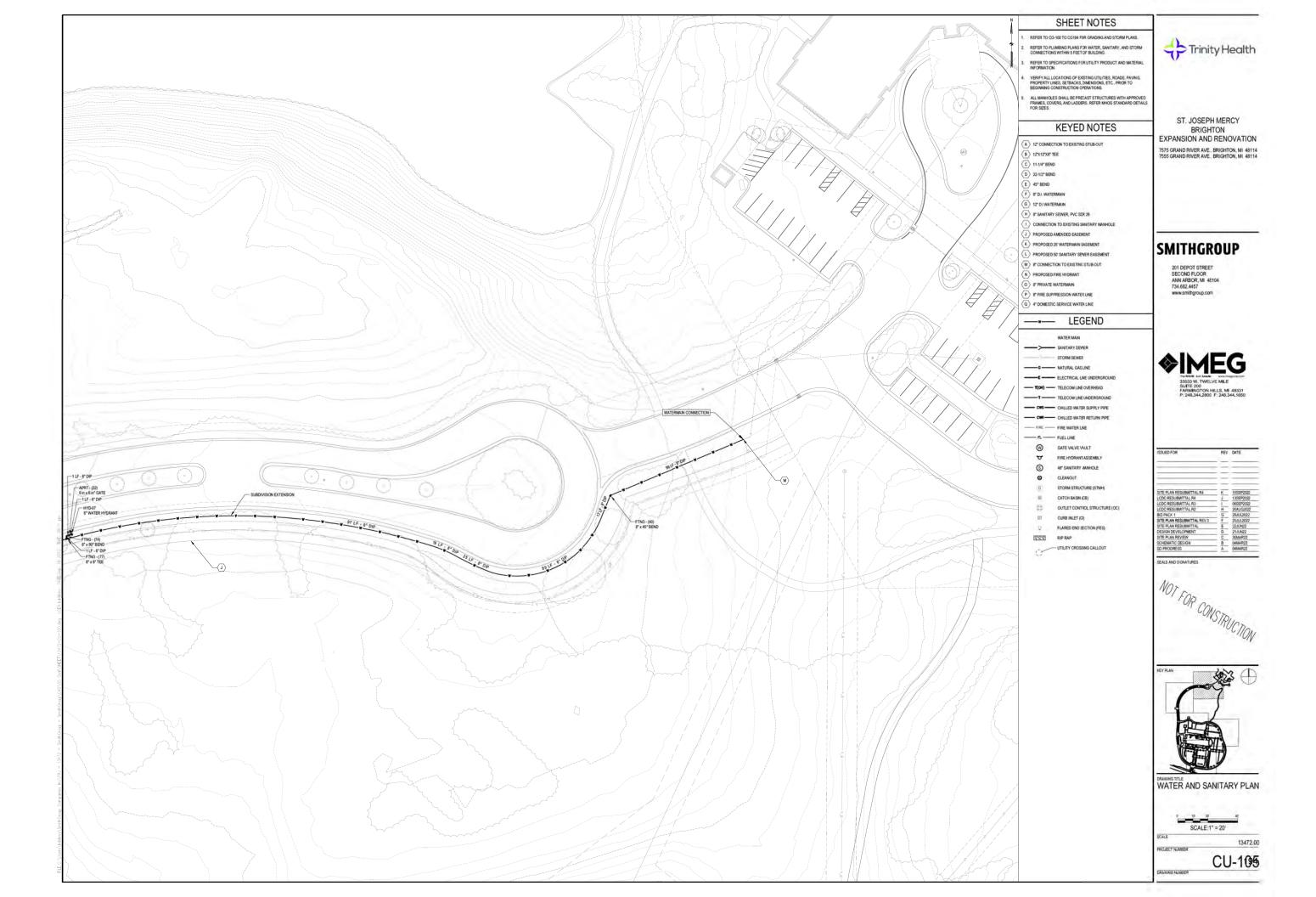


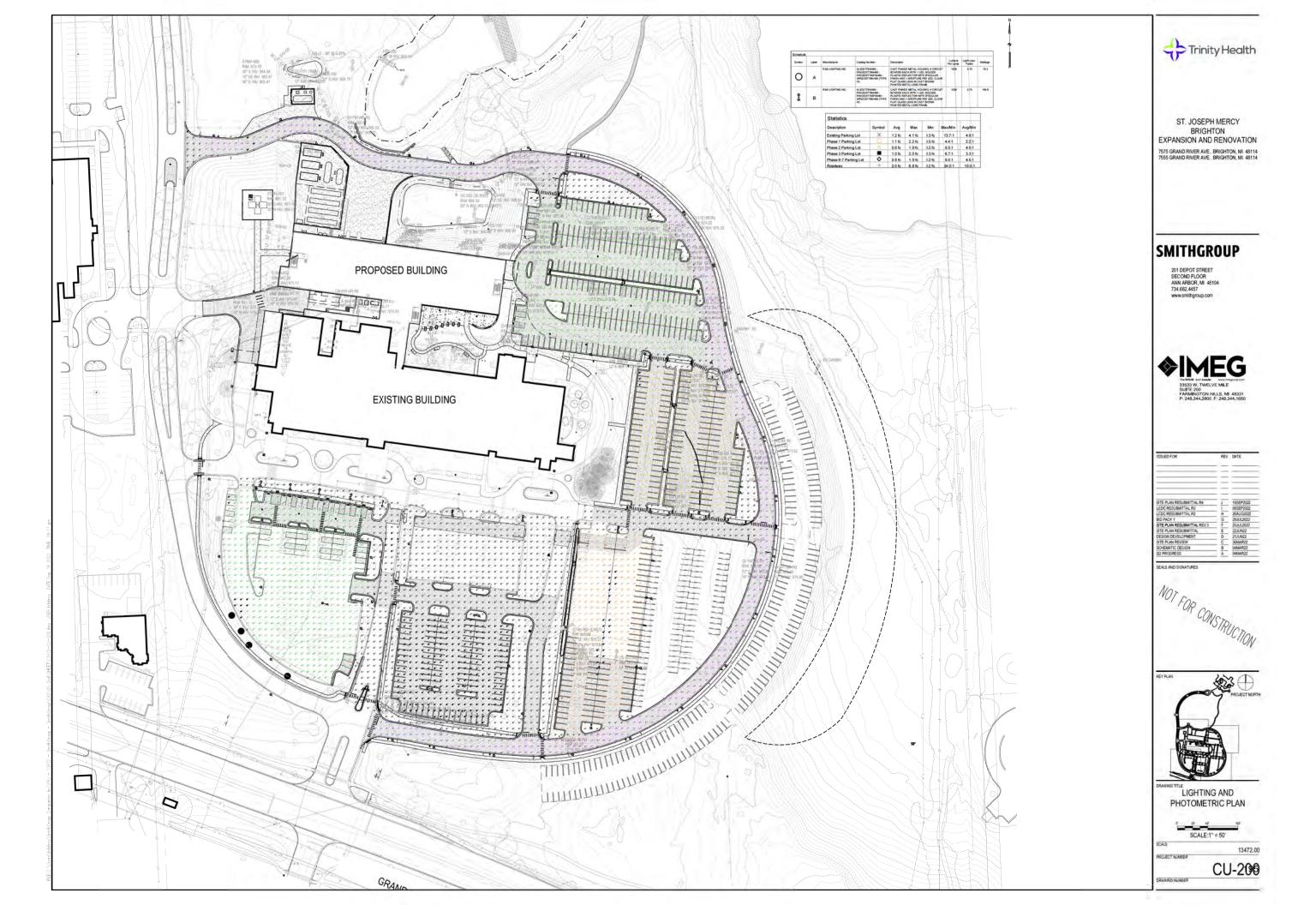


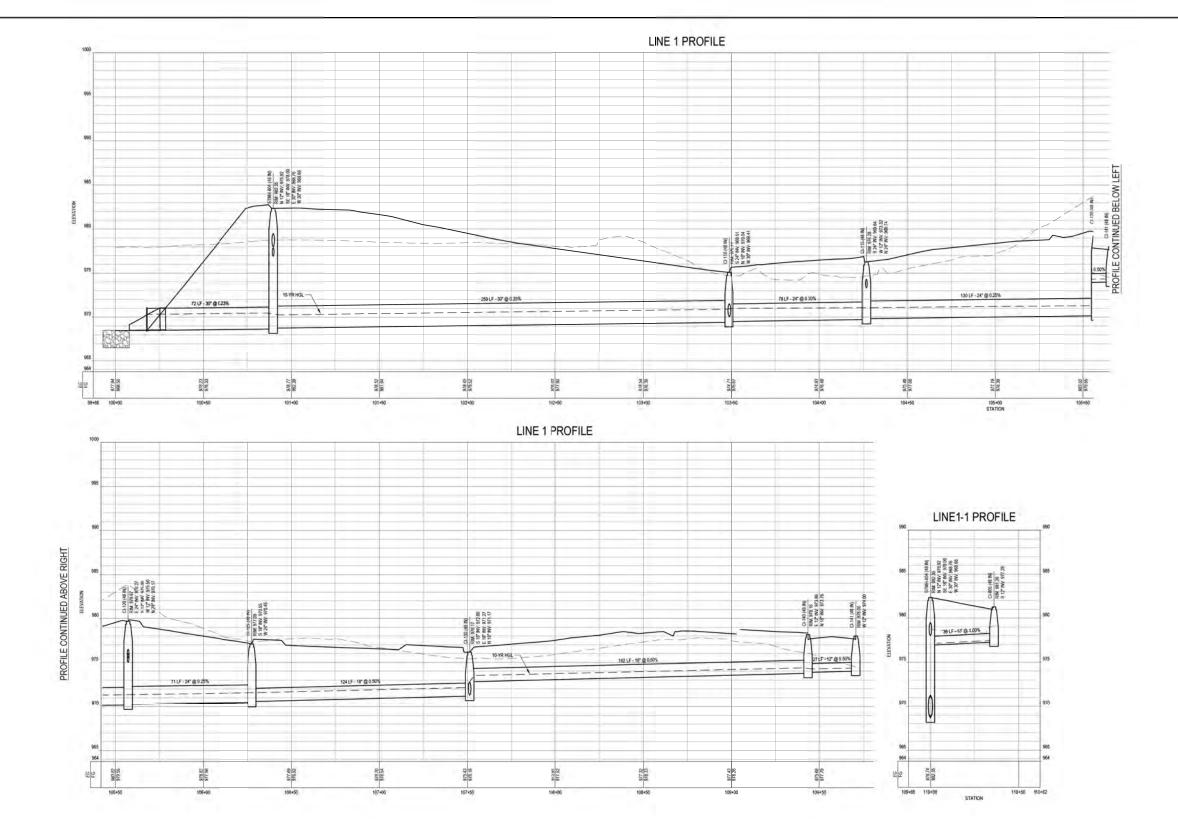














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ISSUED FOR	REV	DATE
	-	-
		_
SITE PLAN RESUBMITTAL R4	- к	16SEP2022
LCDC RESUBMITTAL R4	J	13SEP2022
LCDC RESUBMITTAL R3	1	06SEP2022
LCDC RESUBMITTAL R2	H	26AUG2022
BID PACK 1	G	29JUL2022
SITE PLAN RESUBMITTAL REV 3	F	20JUL2022
SITE PLAN RESUBMITTAL	E	22JUN22
DESIGN DEVELOPMENT	D	21JUN22
SITE PLAN REVIEW	C	30MAR22
SCHEMATIC DESIGN	B	04MAR22
SD PROGRESS	A	04MAR22

SEALS AND SIGNATURES



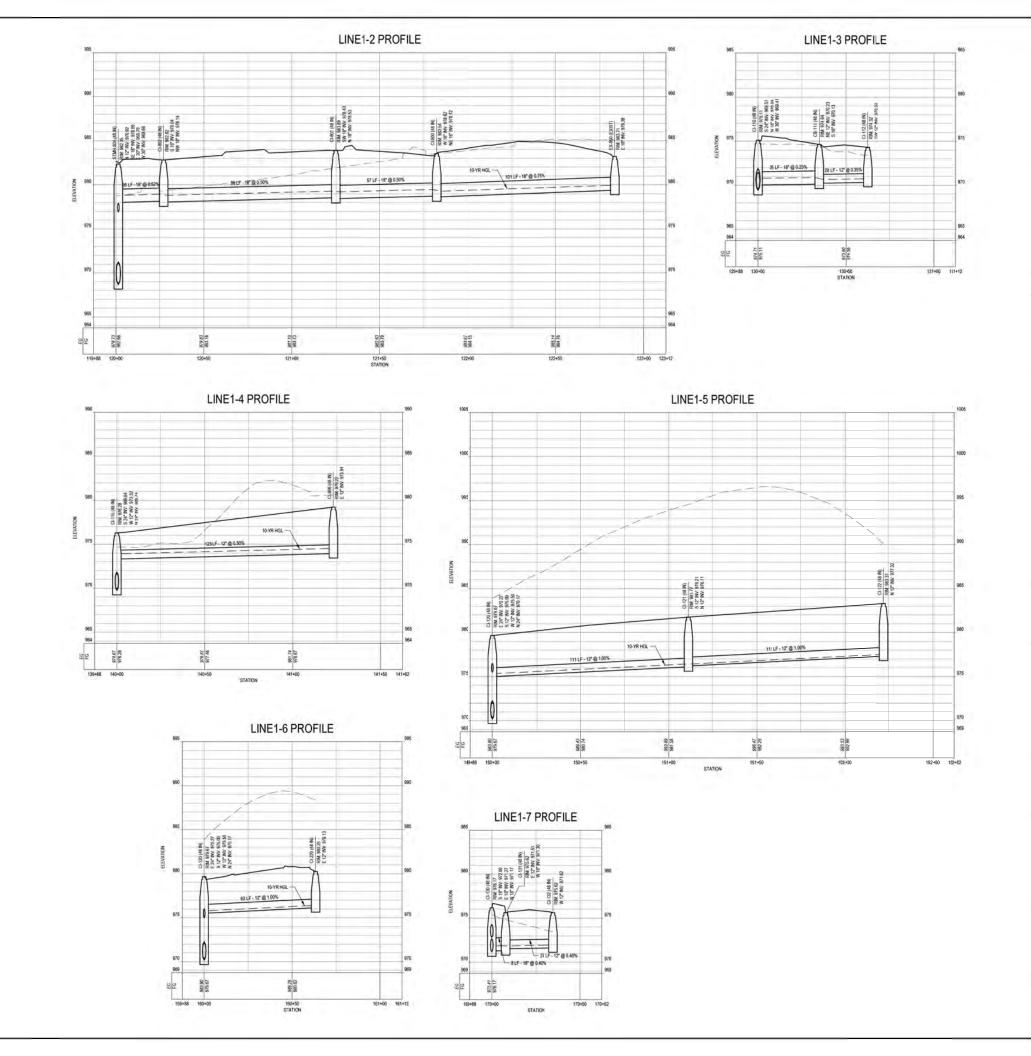
KEYPLA

STORM SEWER PROFILES

HORIZ SCALE: 1" = 20' VERT SCALE: 1" = 5'

DOO INCO MINISTRA

1347 2.00





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ISSUED FOR	REV	DATE
	Ξ	=
SITE PLAN RESUBMITTAL R4		16SEP2022
LCDC RESUBMITTAL R4	J	13SEP2022
LCDC RESUBMITTAL R3	1	06SEP2022
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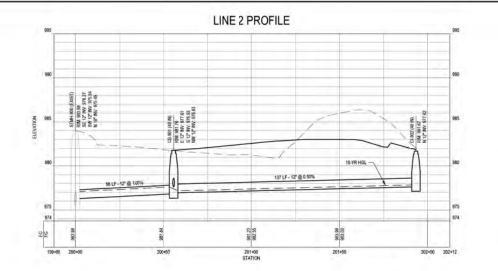
SEALS AND SIGNATURES

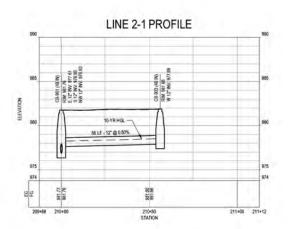


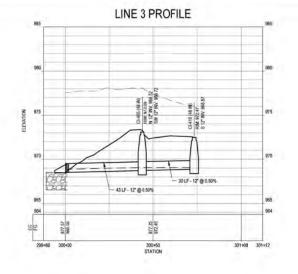
STORM SEWER PROFILES

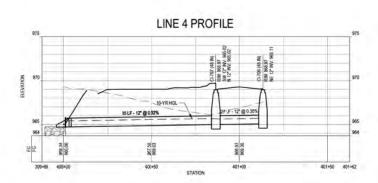
HORIZ SCALE: 1" = 20' VERT SCALE: 1" = 5'

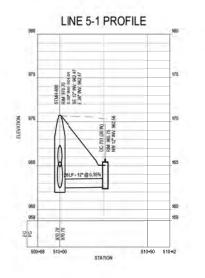
CU-3/91

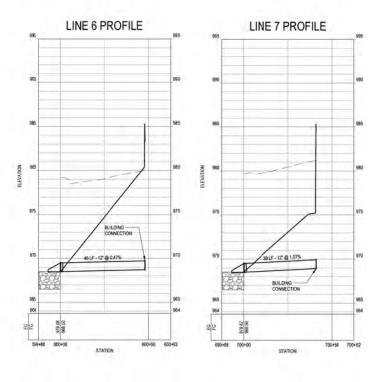


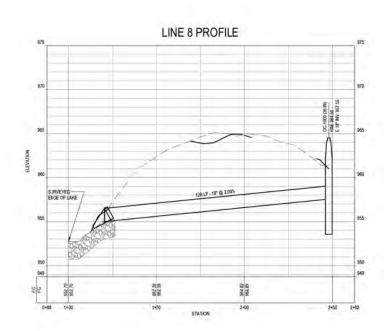


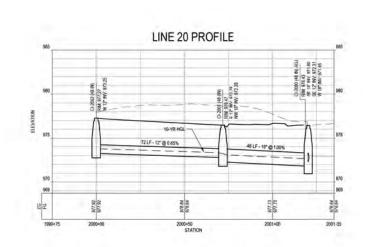














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ISSUED FOR	REV	DATE
SITE PLAN RESUBMITTAL RA		16SEP2022
EGLE PERMIT R2	М	14SEP2022
LCDC RESUBMITTAL R4	L	13SEP2022
EGLE PERMIT R1	K	06SEP2022
BP1 BULLETIN 1	J	06SEP2022
LCDC RESUBMITTAL R3	-	06SEP2022
LCDC RESUBMITTAL R2	н	26AUG2022
BID PACK 1	G	29JUL2022
SITE PLAN RESUBMITTAL REV 3	F	20JUL2022
SITE PLAN RESUBMITTAL	E	22JUN22
DESIGN DEVELOPMENT	D	21JUN22
SITE PLAN REVIEW	C	30MAR22
SCHEMATIC DESIGN	В	04MAR22
SD PROGRESS	A	04MAR22

SEALS AND SIGNATI

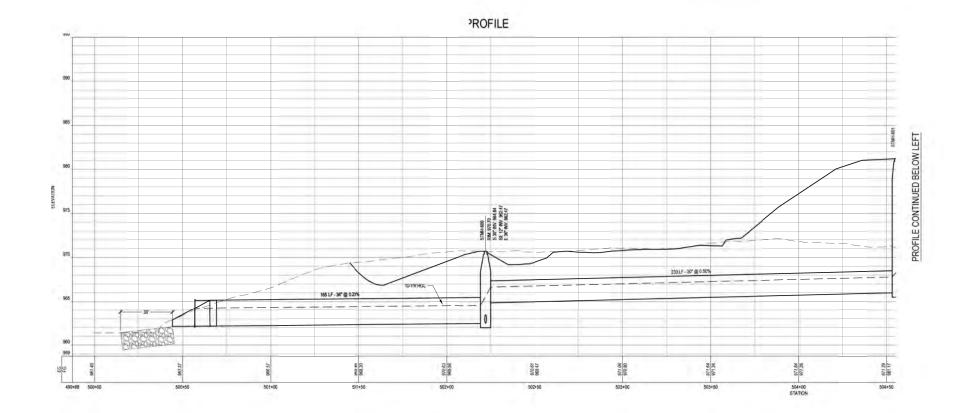


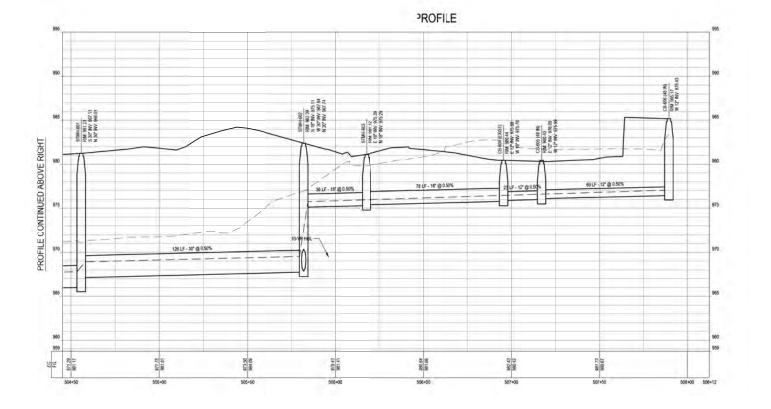
VEV N A

STORM SEWER PROFILES

HORIZ SCALE: 1" = 20' VERT SCALE: 1" = 5'

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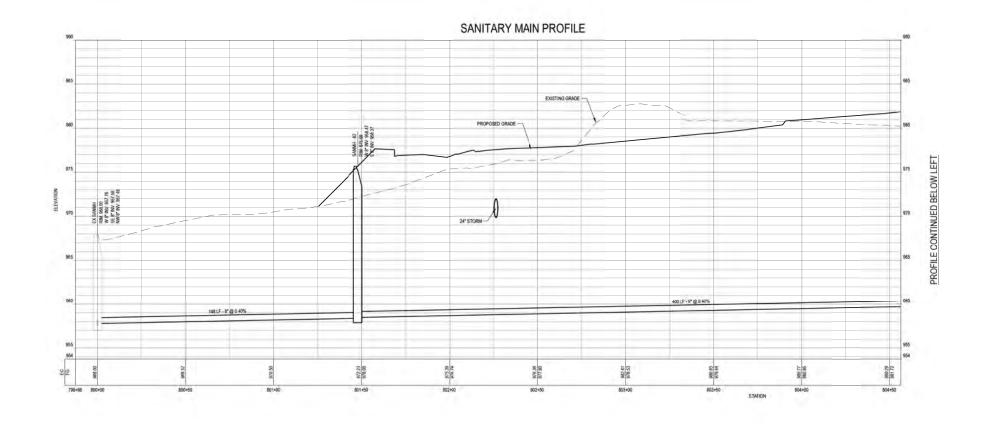


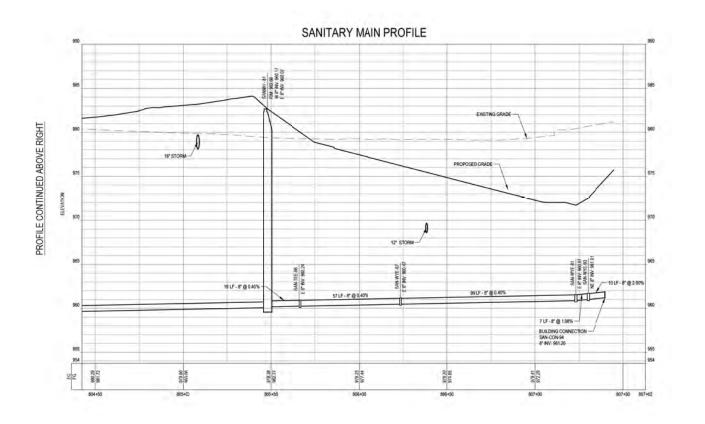
ISSUED FOR	REV	DATE
	Ξ	
SITE PLAN RESUBMITTAL R4	K	16SEP2022
LCDC RESUBMITTAL R4	J	13SEP2022
LCDC RESUBMITTAL R3	1	06SEP2022
LCDC RESUBMITTAL R2	н	26AUG202
BID PACK 1	G	29JUL2022
SITE PLAN RESUBMITTAL REV 3	F	20JUL2022
SITE PLAN RESUBMITTAL	E	22JUN22
DESIGN DEVELOPMENT	D	21JUN22
SITE PLAN REVIEW	C	30MAR22
SCHEMATIC DESIGN	B	04MAR22
SD PROGRESS	A	04MAR22



STORM SEWER PROFILES

HORIZ SCALE: 1" = 20' VERT SCALE: 1" = 5'







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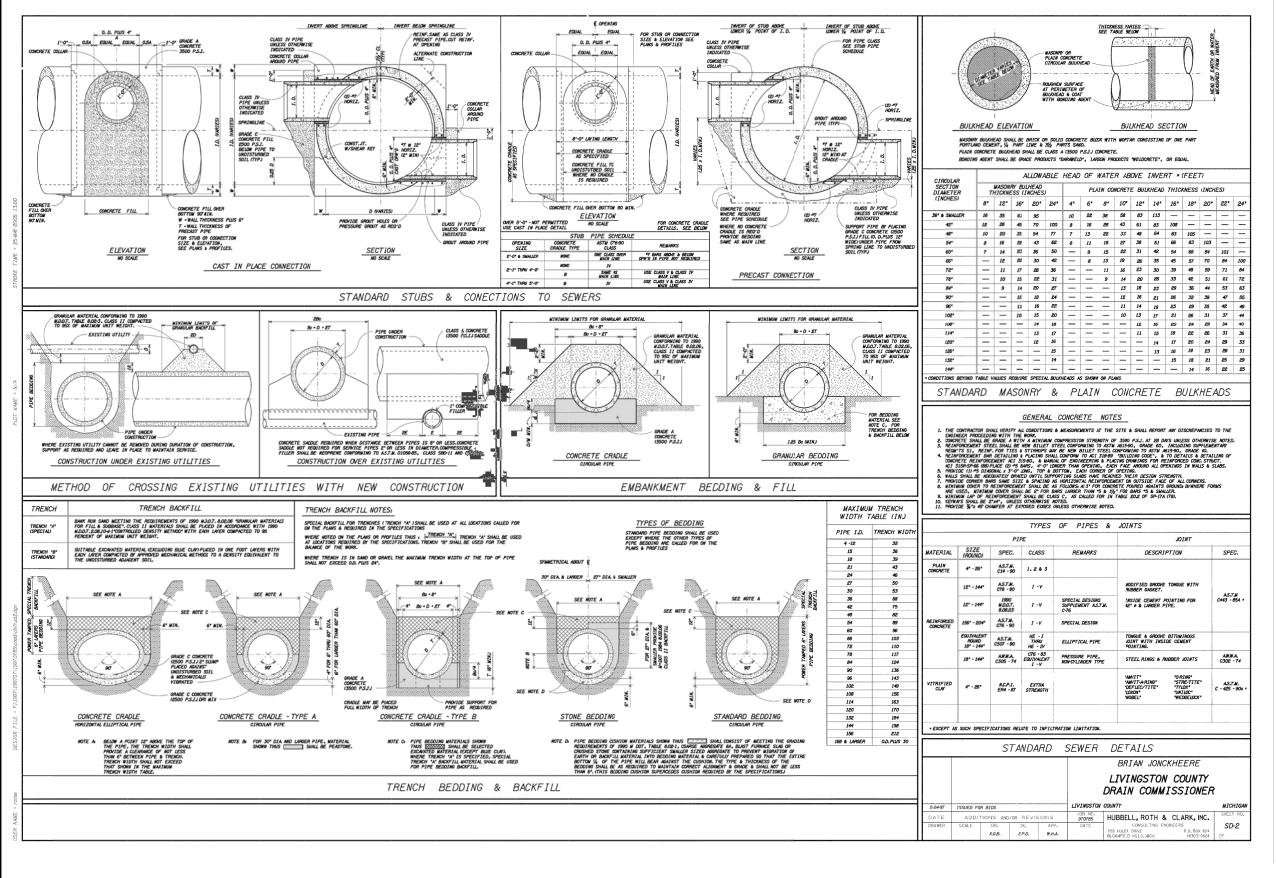


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SITE PLAN RESUBMITTAL R4	K	16SEP2022
LCDC RESUBMITTAL R4	J	13SEP2022
LCDC RESUBMITTAL R3	1	06SEP2022
LCDC RESUBMITTAL R2	н	26AUG202
BID PACK 1	G	29JUL2022
SITE PLAN RESUBMITTAL REV 3	F	20JUL2022
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DESIGN DEVELOPMENT	D	21JUN22
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SANITARY SEWER PROFILE

HORIZ SCALE: 1" = 20' VERT SCALE: 1" = 5'





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EGLE PERMIT R1	- <del>N</del>	06SEP202
LCDC RESUBMITTAL R3	1	06SEP202
LCDC RESUBMITTAL R2	H	26AUG202
BID PACK 1	G	29JUL2022
SITE PLAN RESUBMITTAL REV 3	F	20JUL2022
SITE PLAN RESUBMITTAL	E	22JUN22
DESIGN DEVELOPMENT	D	21JUN22
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SCHEMATIC DESIGN	В	04MAR22
SD PROGRESS	A	04MAR22

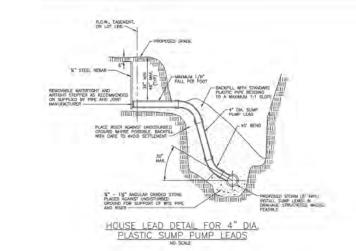
SEALS AND SIGNA

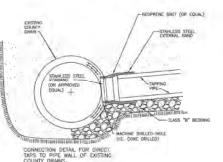


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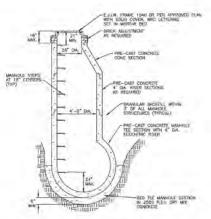
UTILITY DETAILS

9CALE 13472.00 PROJECT NUMBER CU-5200

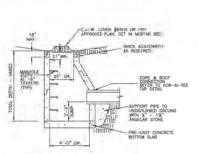




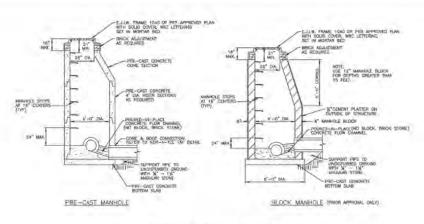
KOR-N-TEE TAP (ON APPROVED DOUAL)



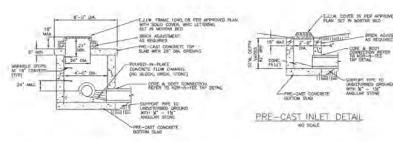
PRE-CAST TEE MANHOLE DETAIL



PRE-CAST CATCH BASIN DETAIL



STANDARD MANHOLE DETAILS



PRECAST CONCRETE TOP

SLAB DETAIL

PRE-CAST LOW HEAD MANHOLE DETAIL (PRICE APPROVAL CHLY)



- 1. Type and class of pipe shall be as specified on plans.
  - Clean "B" Indiffing shall be used throughout, unless otherwise specified on the plan.
  - All end sections 18° and larger shall be provided with it loss screen unless otherwise approved.
  - Standard rip-lop shall be 8"-15" fragmented rack, heavy (1)-rup shall be 16"-24" fragmented rack. No Broken Concrete)

#### 5. MANHOLE REQUIREMENTS: All new carch basins, inlets, and monitoliss are to be manufactures to ASTM D-478 specifications

- to ASIM 5-476 specifications.

  All new old-brains, inlets, and monitoles shall have WRC-approved fieldles, extertlight seels where ofpes pass through walls.

  Manchiest stall be of prepart sections with modellist groove tonque one nuclear gasket type joints. Pie cost manche content sections with most interesting sections shall be WRC-approved mustified securities cone type.
- Tops through montrale joints or core sections are prohibited unless otherwise approved.
- Monhole stops to be plastic coated steel meeting the requiremental ASPM D 2146, Type II, Crode 4910B, MA instantine P.S.I. Palyprop, (or upproved equal). Steps to be installed during maintain manufacturing of the provided equal of the provided equal of the provided expenses of the provided expenses of the provided expenses.
- Cone section with modified groove tongue joints and with stud inserts cost in gloce. Top to have flush surface
- ASTM C-478 yleer section with modified grove tongue joints.

   Res-await, lisk-await, press wedge II, ur kor-n-seal tool (with stoinless yles) testions; literature yles) testions; literature yles) testions; literature yles).
- was account, minore future manners private, or operations are a The inside joints of markines, color basins, and pipe sizes over 42" and larger in dismeter shall be pointed us with mortar upon completio of bookfilling.

  CONCRETE, MPE REQUIREMENTS.

- CONCRETE. HPE. REQUISEMENTS:

   Concrete by the De Very ASTM C78 standards.

   It will be required to IV oil pipe 30 days ofter installation.

   The controls of the price of days of the installation.

   The controls of the price of eight controls of the control of the controls of the control of the

- Sump pumb mains and leads shall be ABS (truss and solid wall), PVC (truss, solid wall , A2000), Also N=12 W/ with prefroum points.

- Also first 2 mt with premision joints. Ends of all 4 sump pump looks shall be tempurotify copped and likely localism skieled, witnessed and secondar.

  All sump pump leades to be token to the property lime, occurrent line or as indicated on the place. Sump pump unique must have a colemant with a minimum inside damenter of 24 and by promisional state of colemant with a minimum inside damenter of 24 and by promisional state of colemants.

#### RESTORATION REQUIREMENTS

- All disturbes area within the County Drain right-of-way shall be restored as follows:

- he restored os follows:

  Under Foods, delevoits, drivestigs and ponting oracs, backfill moterial at be placed laced in the placed laced la

- mulch shall be anchored in place with bladegradable antiting, only larger than 1½° by 2° rise amoner than ½° by ½°.

  The controller shall be responsible to insure the grawth of all seeds areas, and shall verseed as necessary to accomplish this.



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ISSUED FOR	REV	DATE
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SITE PLAN RESUBMITTAL R4		16SEP2022
LCDC RESUBMITTAL R4	J	13SEP2022
LCDC RESUBMITTAL R3	1	06SEP2022
LCDC RESUBMITTAL R2	н	26AUG2022
BID PACK 1	G	29JUL2022
SITE PLAN RESUBMITTAL REV 3	F	2010/12022
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DESIGN DEVELOPMENT	D	21JUN22
SITE PLAN REVIEW	C	30MAR22
SCHEMATIC DESIGN	B	04MAR22
SD PROGRESS	A	04MAR22

SEALS AND SIGNATURES



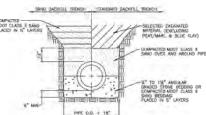
KEYPLAN

UTILITY DETAILS

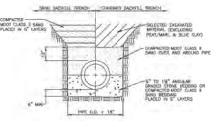
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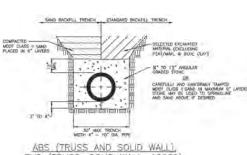
CU-5/04



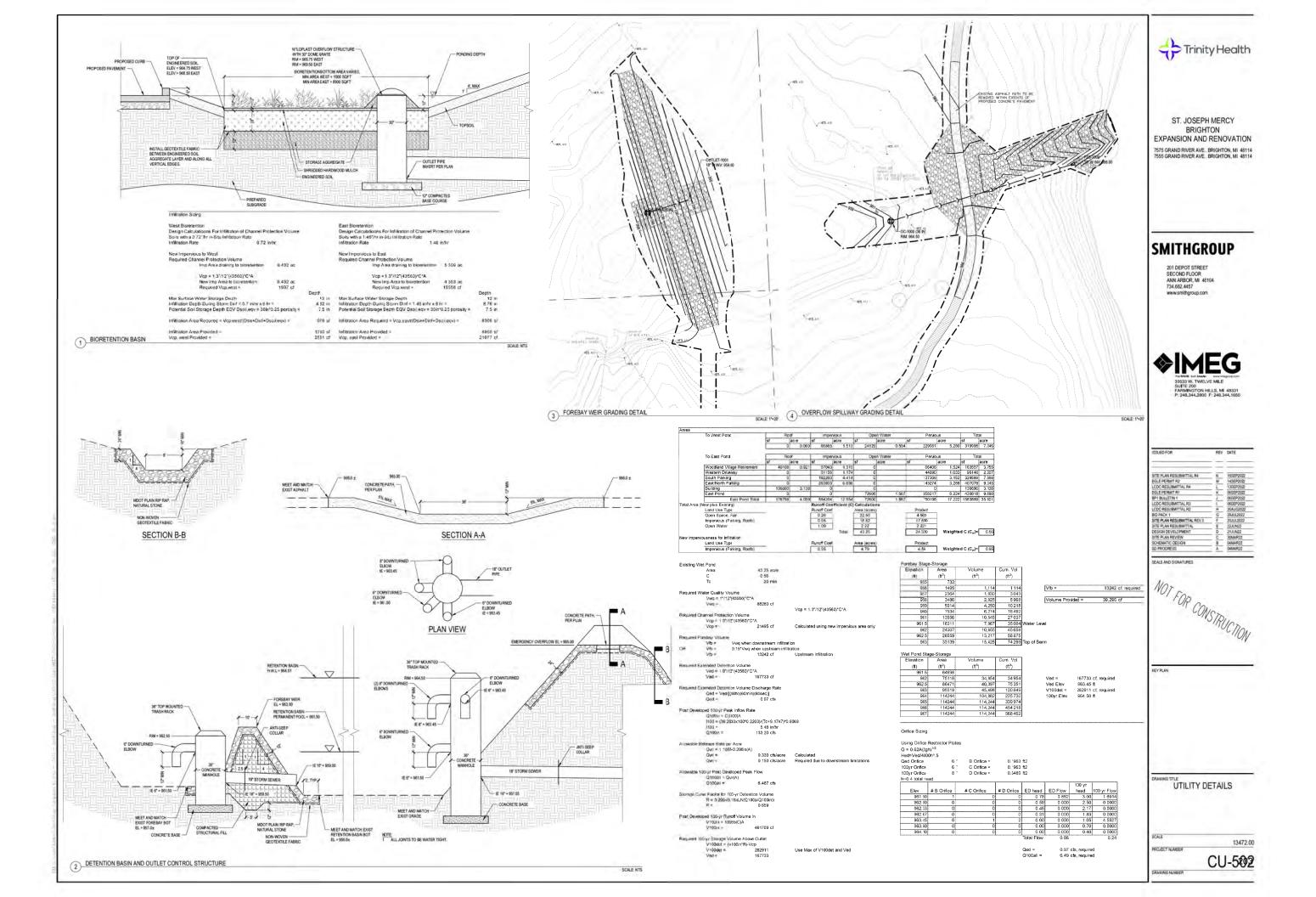


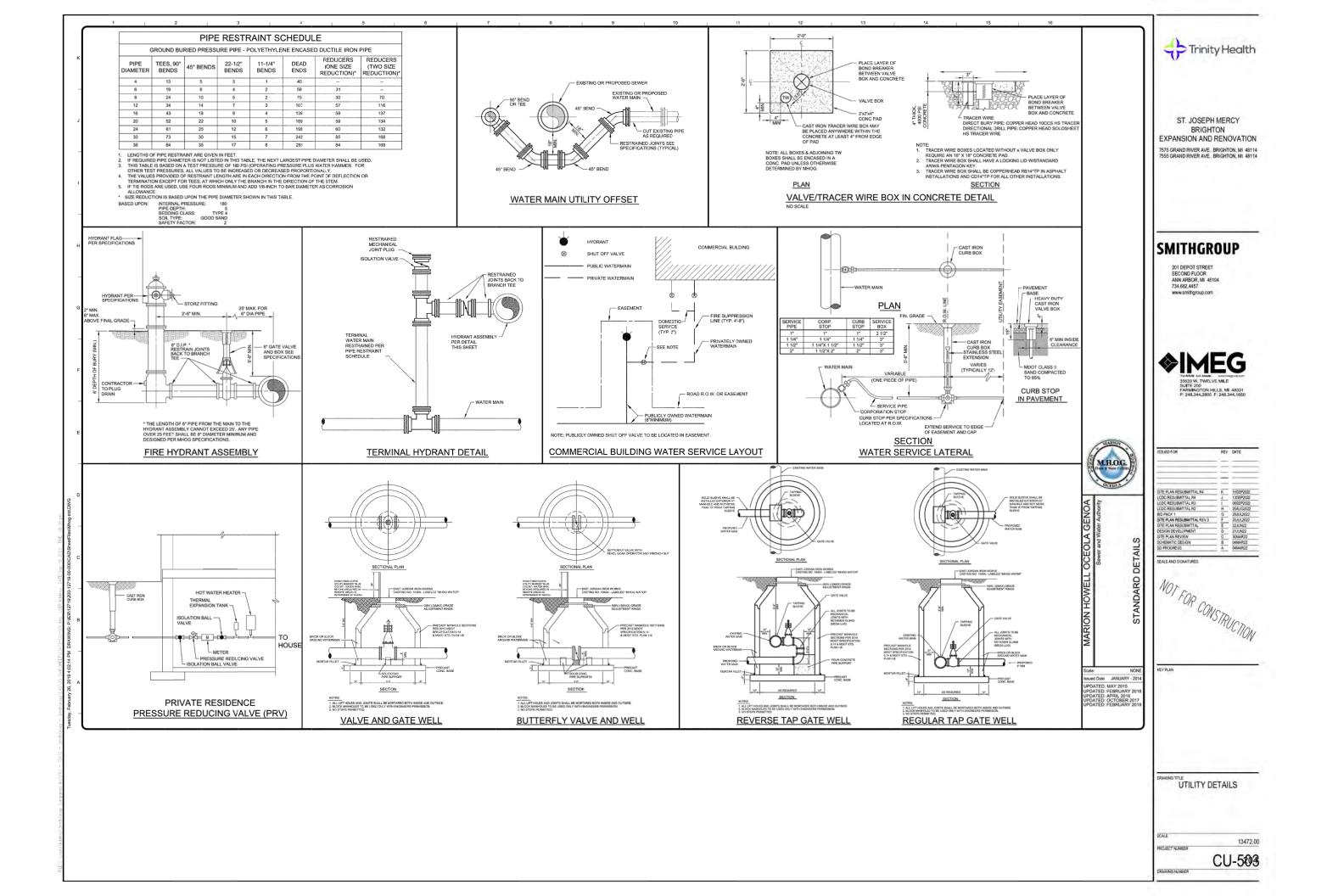
CLASS "B" BEDDING TRENCH DETAIL FOR 24" DIAMETER AND SMALLER CONCRETE PIPE

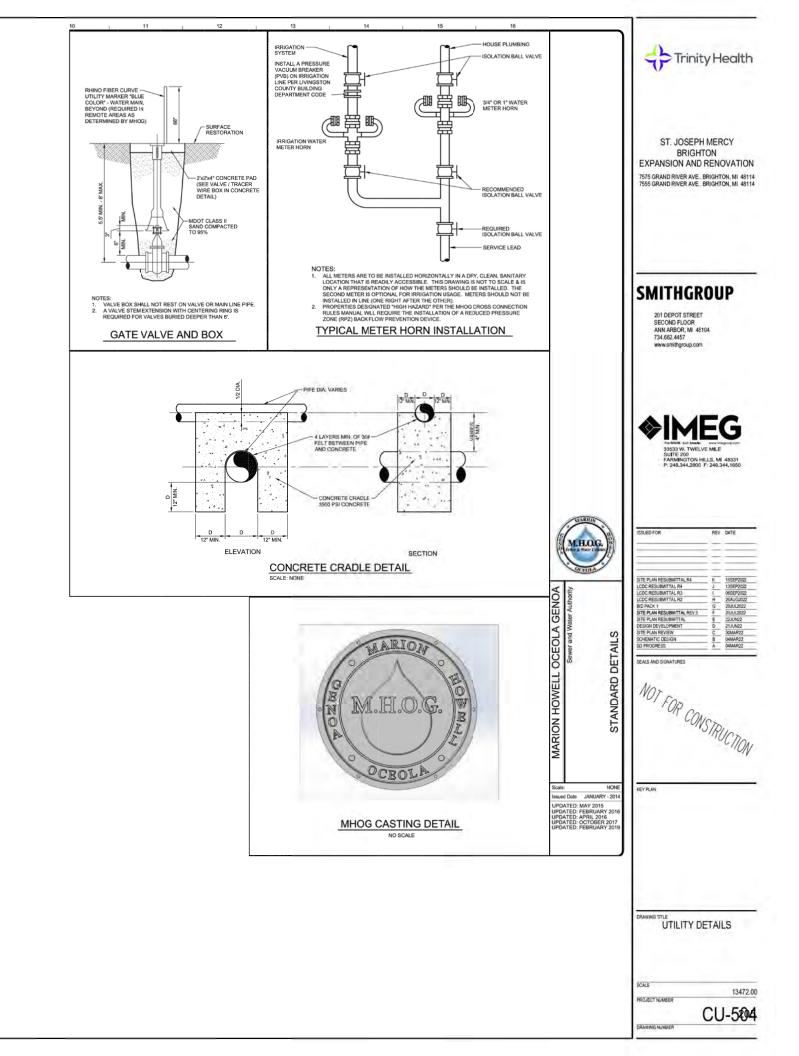


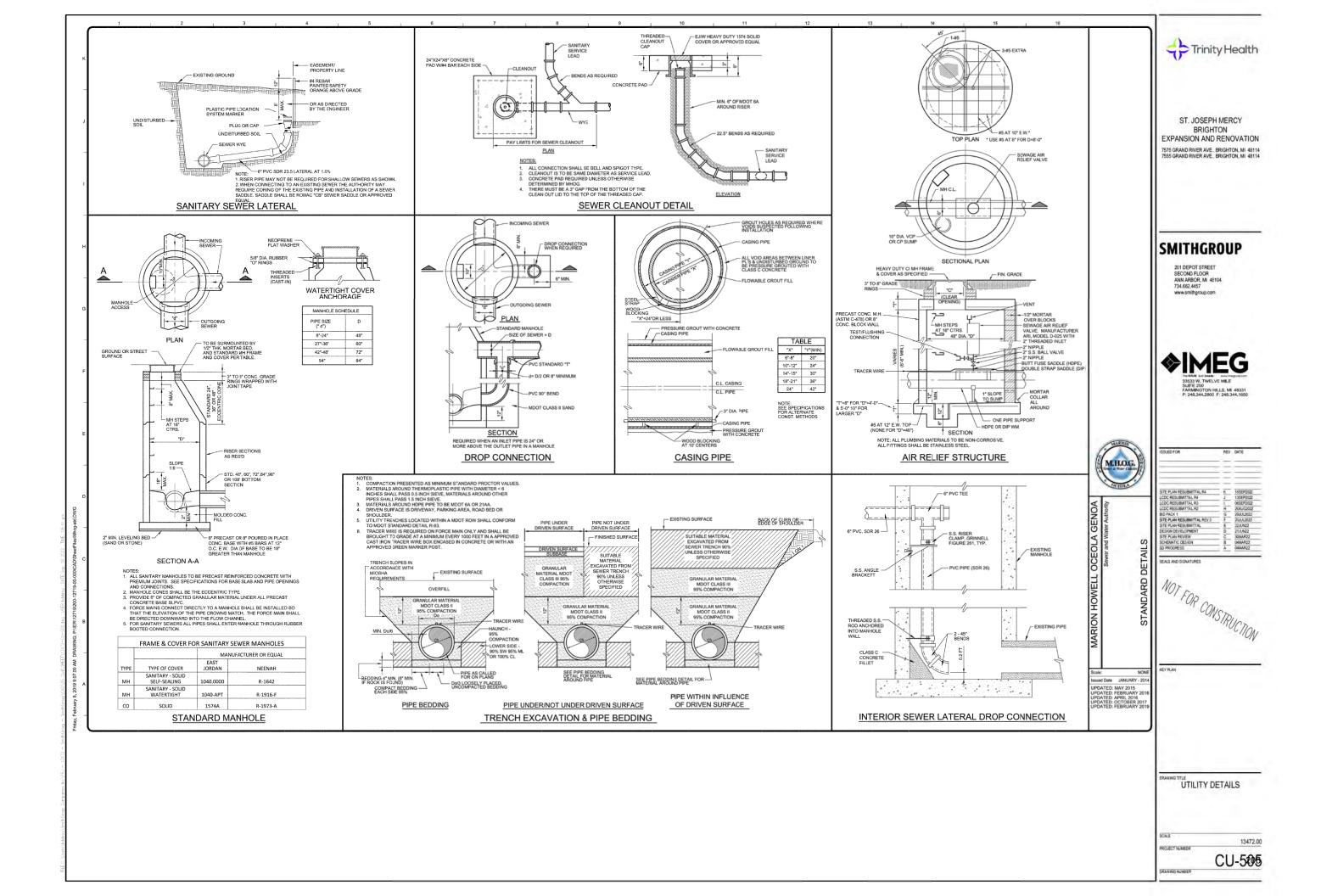


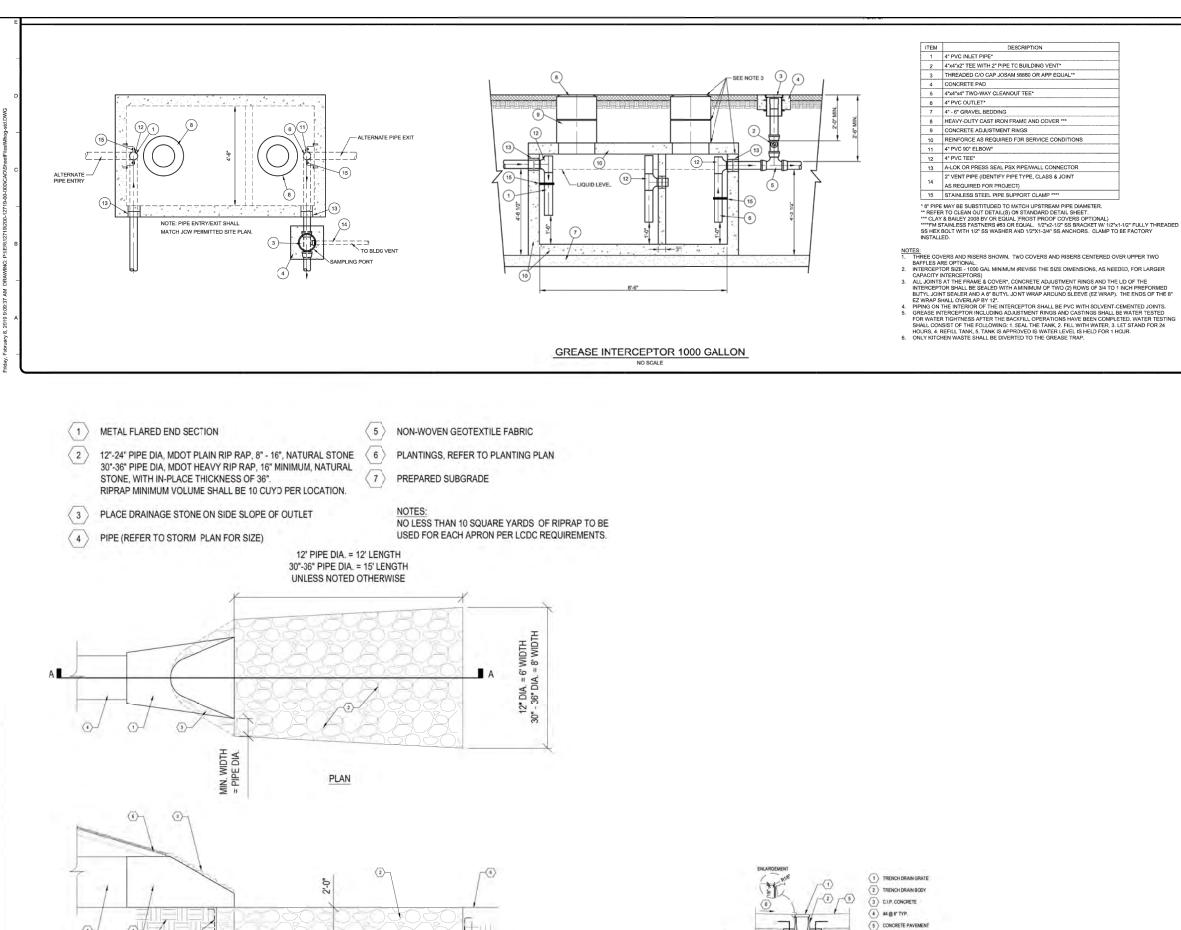
ADS N-12 WT PIPE BEDDING DETAIL











SCALE: 1/2" = 1

0

1 END SECTION

1'-0" MIN.

SECTION A-A



6 SLOPE TOWARDS TRENCH DRAIN AGGREGATE BASE

SCALE 1'= 1'

2 LOADING DOCK TRENCH DRAIN



PDATED: MAY 2015 PDATED: FEBRUARY PDATED: APRIL 2016 PDATED: OCTOBER 2 PDATED: FEBRUARY

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**SMITHGROUP** 

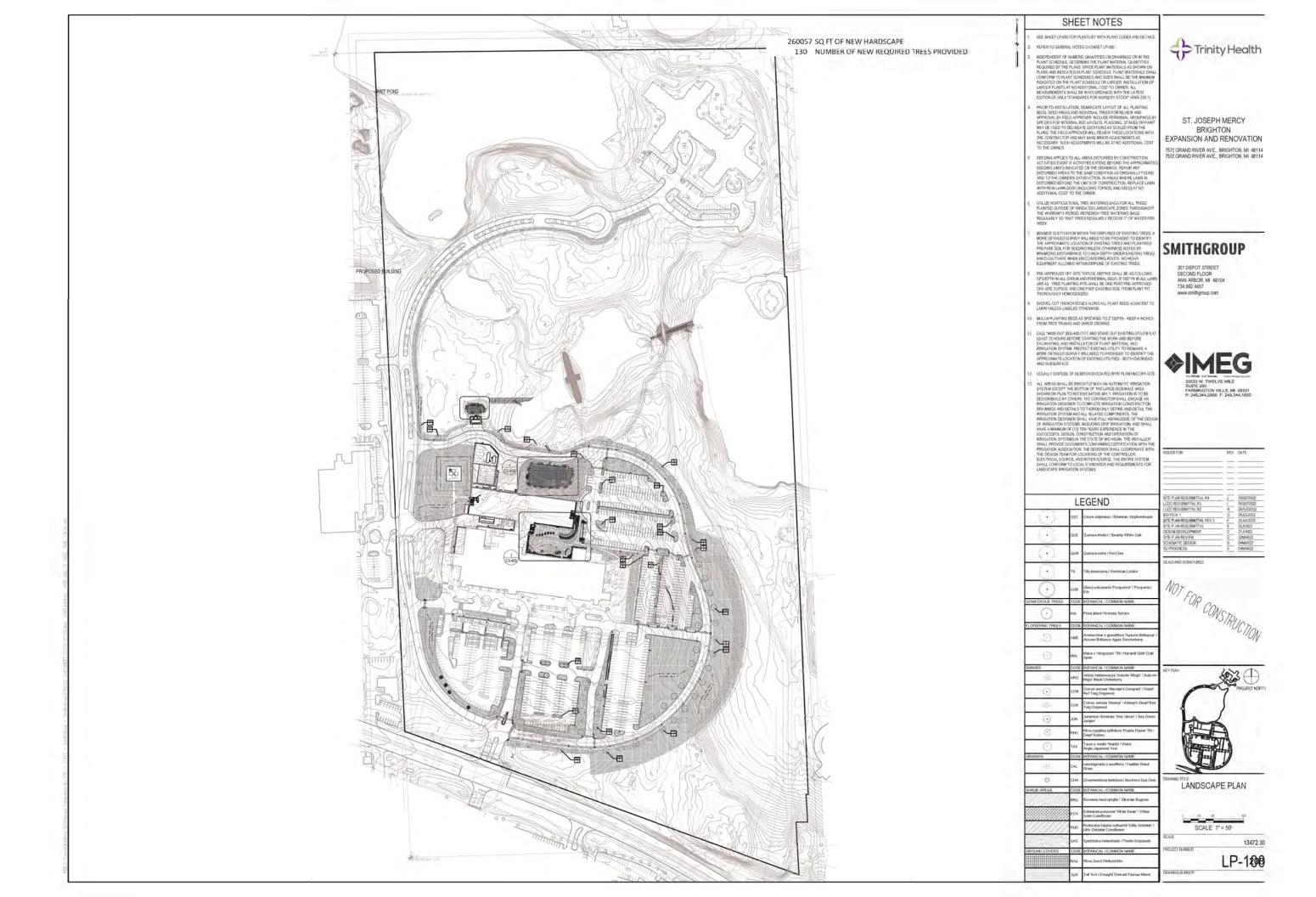
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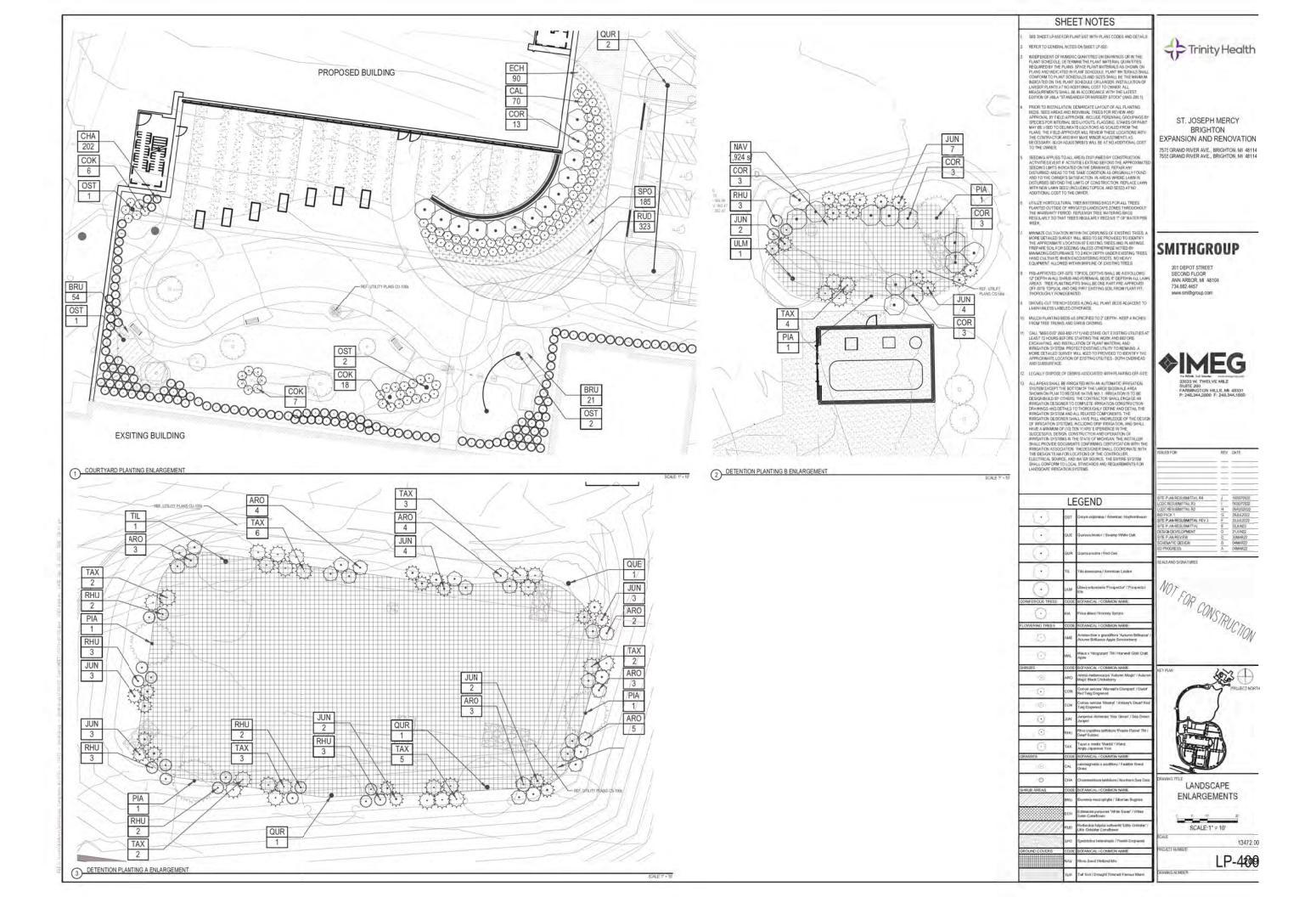


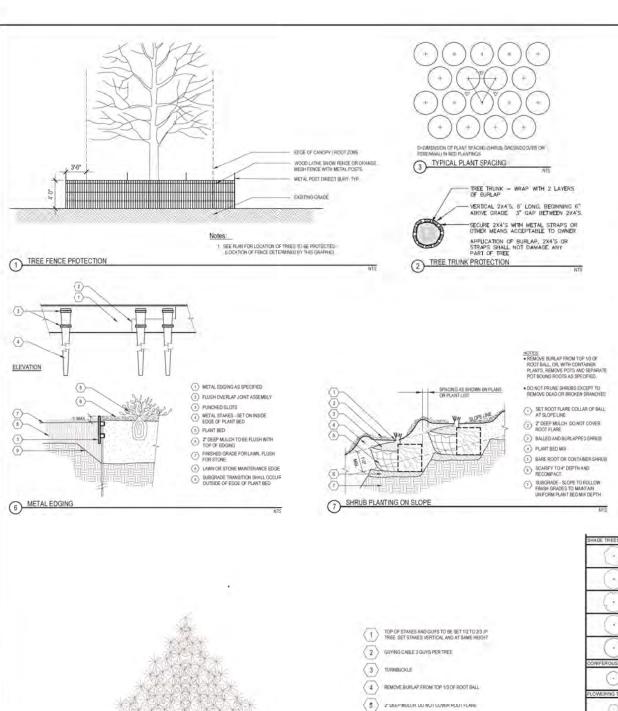
UTILITY DETAILS

CU-596

13472.00







2 (3)

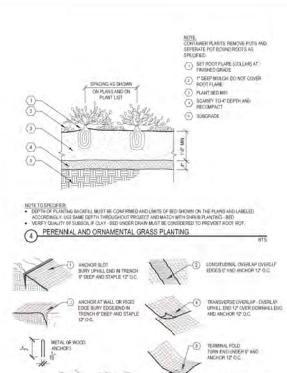
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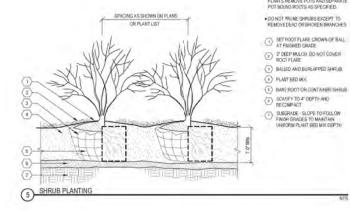
9 TREE PLANTING

(6) PLANTING BACKFILL 7 MOUND TO FORM SAUCER

9 2x 4 HARDWOOD OR #3/LF METAL FENCE POST, ANCHOR STAKE TO BE DRIVEN BELOW FINISH GRADE, MIN LENGTH TO BE 24\* 10 STAKES TO EXTEND 12" BELOW TREE PIT IN UNDSTURBED GROUND



B EROSION CONTROL BLANKET





ST. JOSEPH MERCY

BRIGHTON EXPANSION AND RENOVATION

7575 GRAND RIVER AVE., BRIGHTON, MI 48114 7555 GRAND RIVER AVE., BRIGHTON, MI 48114

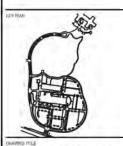
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ISSUED FOR	REV	DATE
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SITE P, AN RESUBMITTAL R4	1	16SEP2022
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LCDE RESUBMITTAL R2	H	26/UG202
BID PACK 1	fi.	29JUL2022
SITE PAN RESUBMITTAL REV 3	F	20JUL2022
SITE PLAN RESUBMITTAL	E	22JUN22
DESIGN DEVELOPMENT	0	21JUN22
SITE P.AN REVIEW	C	30MAR22
SCHENATIC DESIGN	В	OHMAR22
5.0 \$960GRE 55	A	DAMARIES





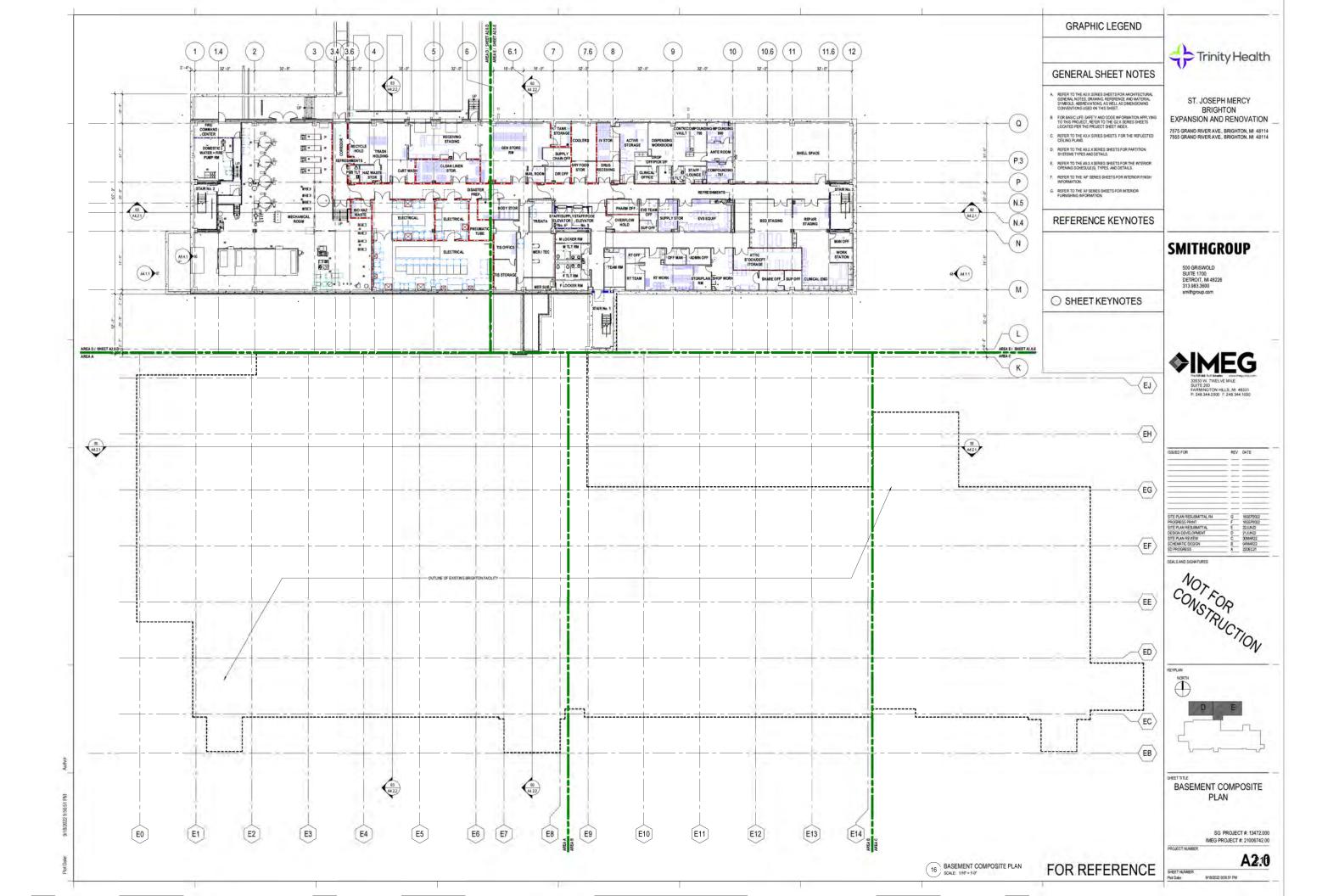
LANDSCAPE DETAILS

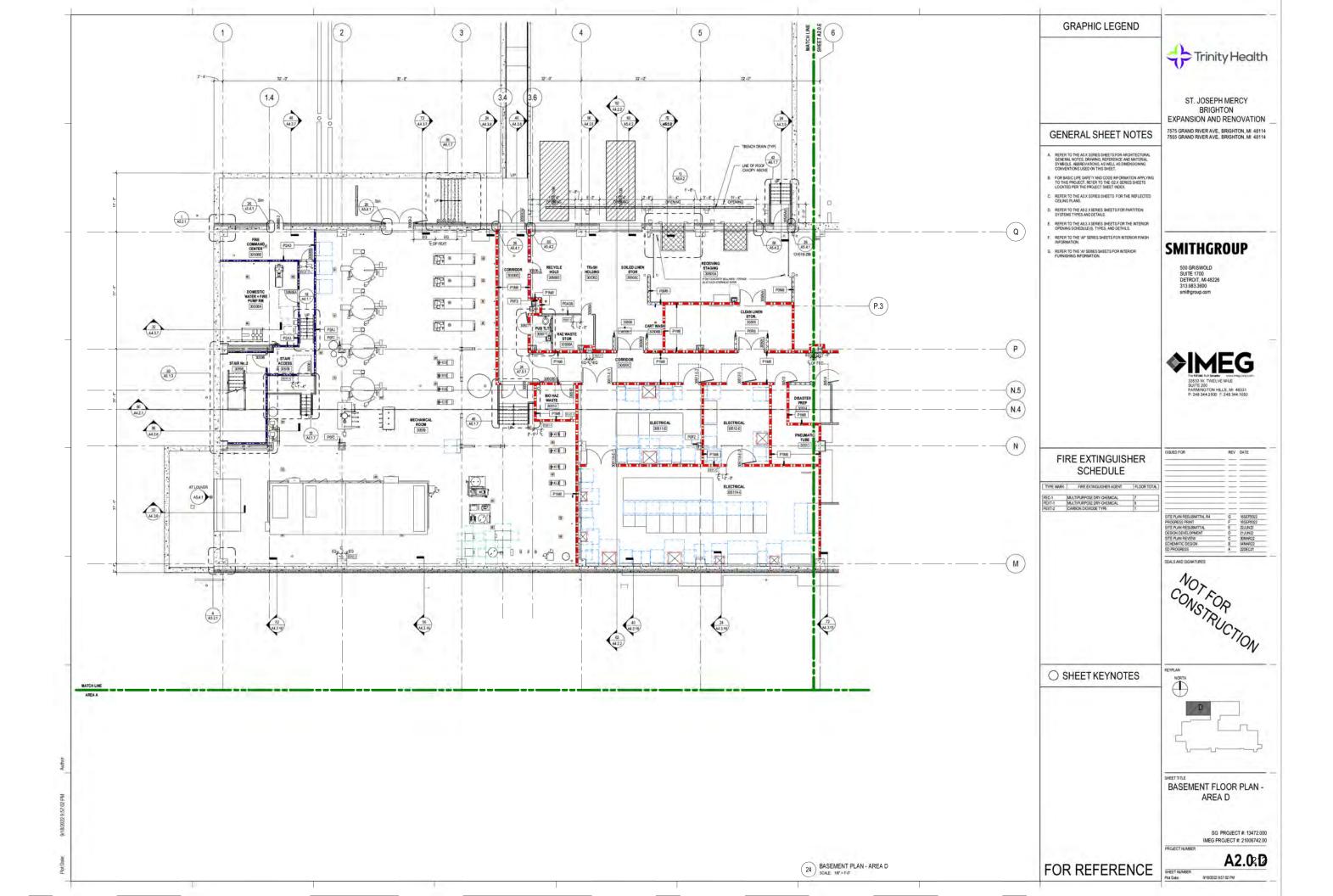
SCALE: AS NOTED

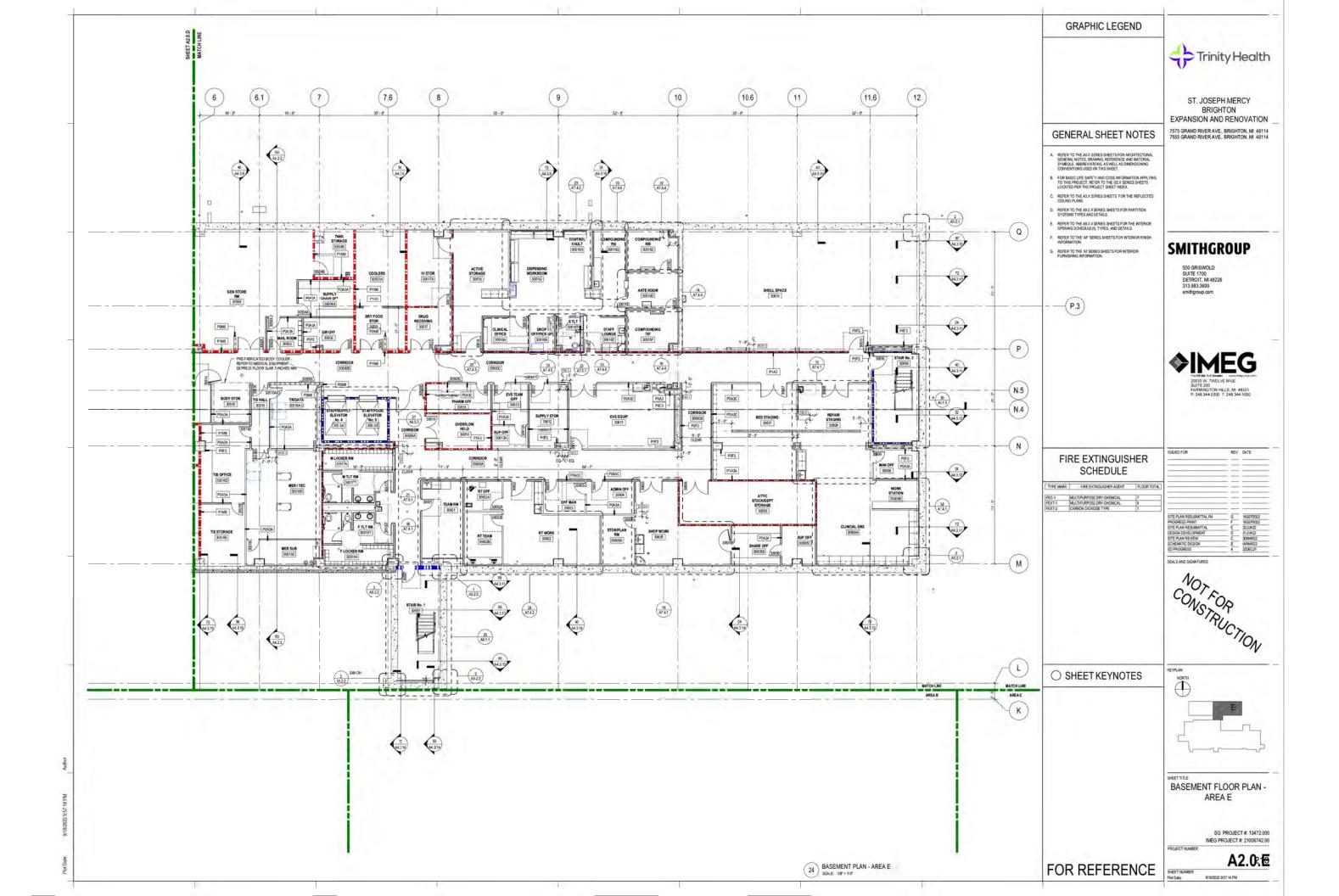
LP-500

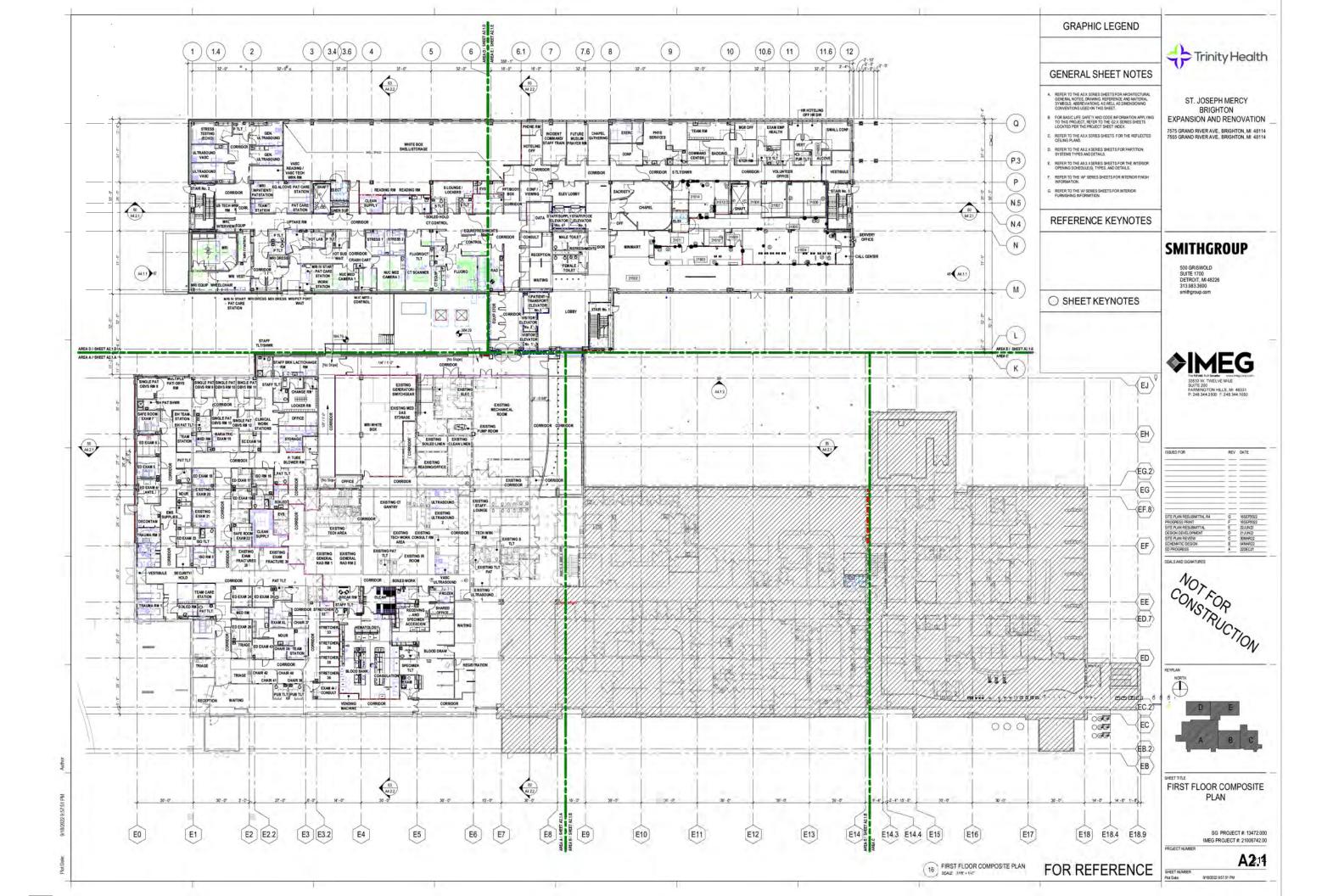
0	$\overline{}$				FORM	SPACING	REMARKS
	OST	Ostrya virginiana / American Hophornibeam	6	3 CM	888	As Shown on Plan	Well-branched, single central leader
(-)	QUE	Querous blooky / Swamp White Oak	23	3" Cal	B&B	As Shown on Plan	Full, well-brunched, single-central feeder
0	QUR	Quercus rubrii / Red Oak	24	3º Cal	B&B	As Shown on Plan	Full, well barrichied, langue central header
0	TIL	Tilia americana / American Linden	22	3º Cal.	Pot	As Shown on Plan	Full, well-branch, single weder
0	ULM	Ulmus wilsowana 'Prospector' / Prospector Elim	24	3º Cal.	B&B	As Shown on Plan	Full, well-blancived, single central leader
ONIFEROUS TREES	CODE	BOTÁNICAL /COMMON NAME.	QTY.	SIZE	FORM	SPACING	REMARKS
0	PIA	Prosa ables / Norway Spruce	5	6 Ht	888	As Shown on Plan	Full to ground unwinered
LOWERING TREES	CODE	BOTANICAL (COMMON NAME	OTY	SIZE:	FORM	SPACING	REMARKS
0	AME	Ametanchiei « grandficea 'Autumn Brilliance' / Autumn Brilliance Apple Serviceberry	4	10 FT	usu	As Shown on Plan	Well-brandied, multi-stem, Min. 3 stems
0	MAL	Makus x 'Hargiszam' TM / Harvest Gold Crab Apple	10	10 FT	DAU	As Shown on Plan	Well-branched, signle central leader
HRUBS	CODE	BOTANICAL / COMMON NAME:	GTY	SIZE	FORM -	SPACING	REMARKS
2	ARO	Aronia melanoserpa 'Aulumn Magic' / Aulumi Magic Black Chokeberry	25	#5	Pot	36" o.c.	Well-branched, min. 4 canes, 5' O' G
0	COR	Comus seriosa 'Alfernan's Compard' / Dwarf Red Twig Degwood	25	as:	Pai	6F oc	Well-branched, min. 4 cares, 7 O.C.
0	сок	Cornus serious 'Helsey's / Kelsey's Dwarf Red Twig Dogwold	31	#1	Pol	96" 0.c.	Full, antitionred, 2 D.C.
100	JUN	Juniperus chimimis 'San Gimin' 7 San Gimin' Juniper	36	#5	Pol	36° a.c.	Full, unmoved, 4' D.C
0	RHU	Rhus copalitra introlum 'Freme Flame' 1M / Dwarf Sumac	18	M5	Pat	46° D.C.	Well-tainched, min. 4 cares, 4" O.C.
- Ø	TAX-	Texts x medit Word? / Ward Anglo-Japanise Yew	27	#5	Po)	72 ac	Eus, unenwared; 4' D.C.
RASSES	CODE	BOTANICAL / COMMON NAME	OTY	SIZE	FORM:	SPACING	REMARKS
3	CAL	calamagrostisix aqutiflore / Feather Rend . Grass	70	#1	Pol	96" O.C.	Wast-rooted; 24° Ö ©
0	CHA	Chasmanthium latifolium / Northern Sea Oats	202	ØT.	Pai	36° D.C.	Welf-rooms 24" O.C.
HRUB AREAS	CODE	BOTANICAL / COMMON NAME	QTY	BIZE	FORM	SPACING	REMARKS
	BRU	Brunnera mxdophylis / Sibelian Bugloss	75	#1	Pol	24" a.c.	Well-rooted; 24° O.C.
	ECH	Echinacea pupurea White Swarr / White. Swan Conetower	90	#1	Pot	24° a.c.	West-recent 24" O.G.
	RIJO	Rudbeckia Nitytha sullivaniii Viitle Cickrassi / Little Goldstar Conellower	323	ĐT.	Par	(2 ac	Well-rooties 12° O.C.
	вро	Sporobolus (interolepis i Prairie Dropseed	165	AT	Po)	18° a.c.	YWII-rooted: 16" O.C.
ROUND COVERS	CODE	BOTANICAL (COMMON NAME	OTY	SIZE	FORM:	SPACING	REMARKS
	NAV	Rhino Seed Wattend Mix	12,475 ef		peed		Size Minufactures Specification's
	-						

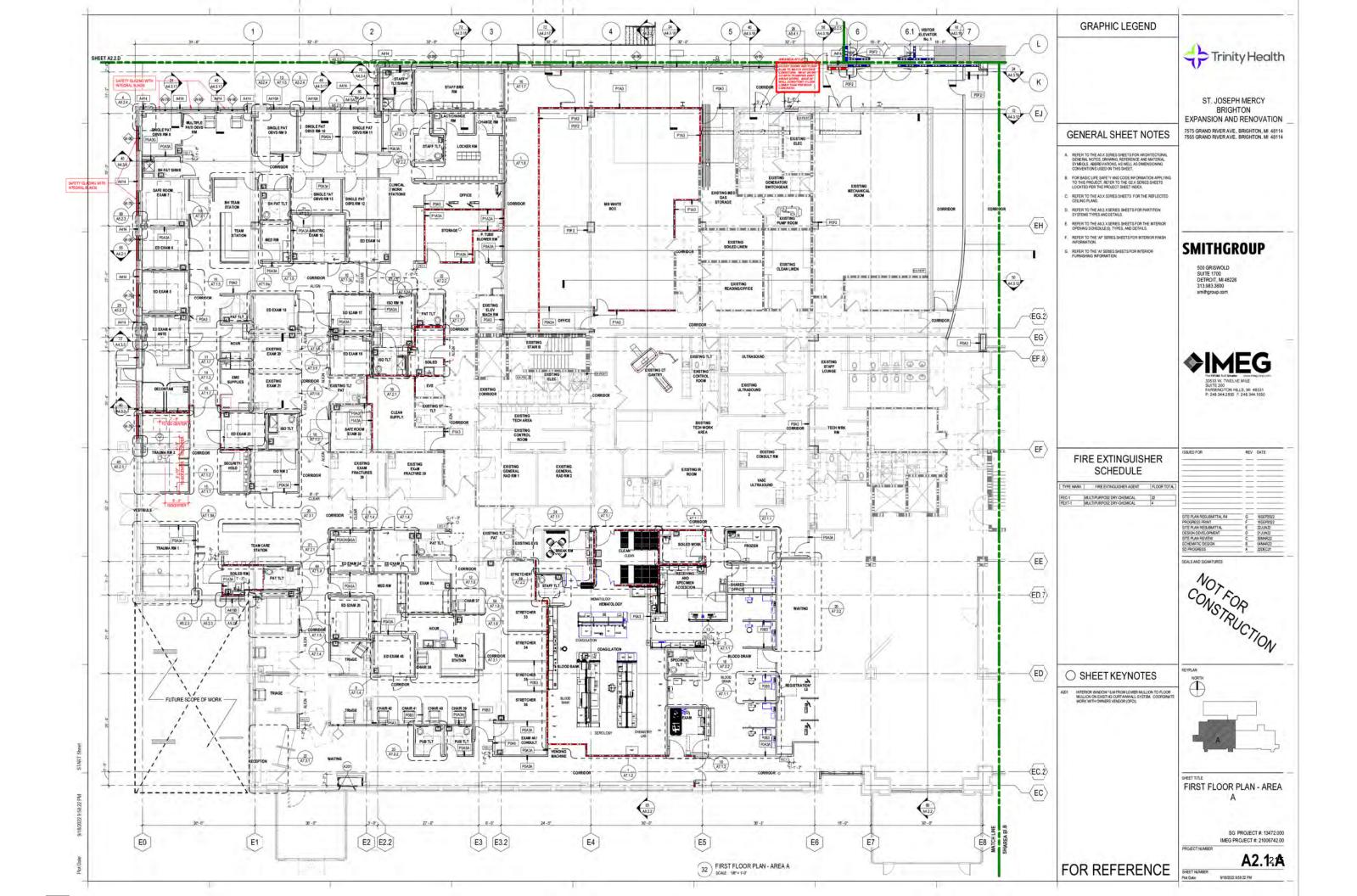
(1) PLANTING SCHEDULE

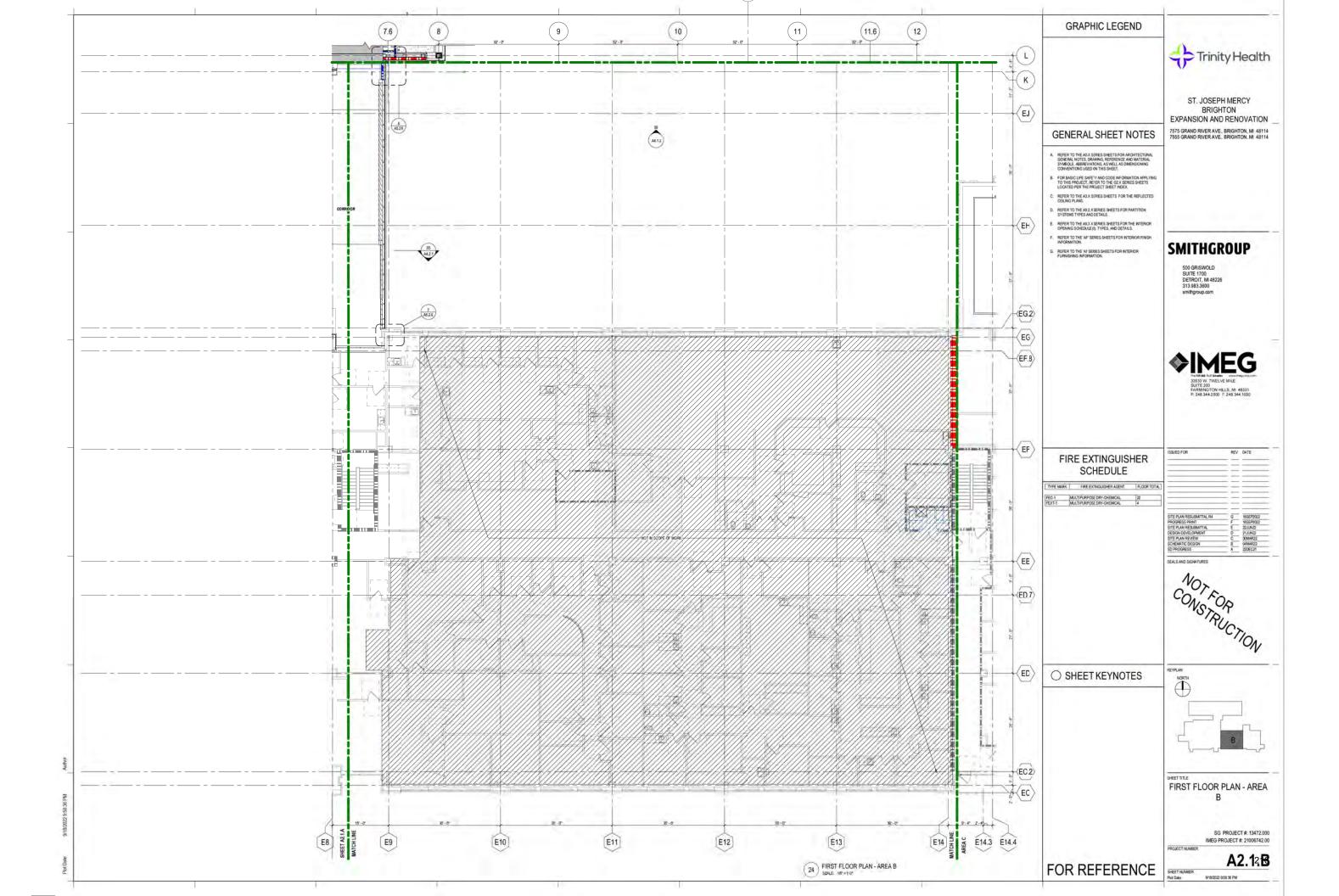


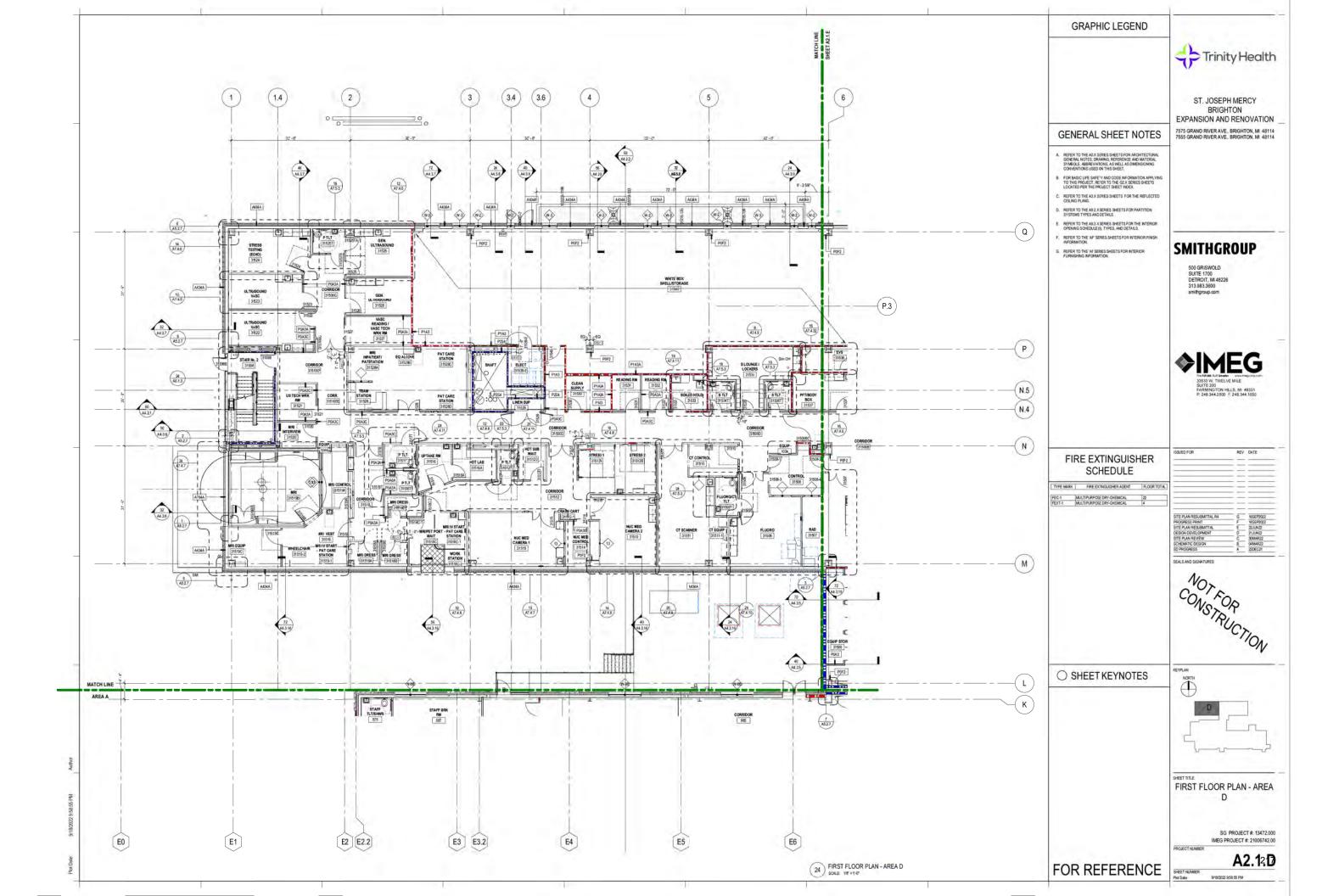


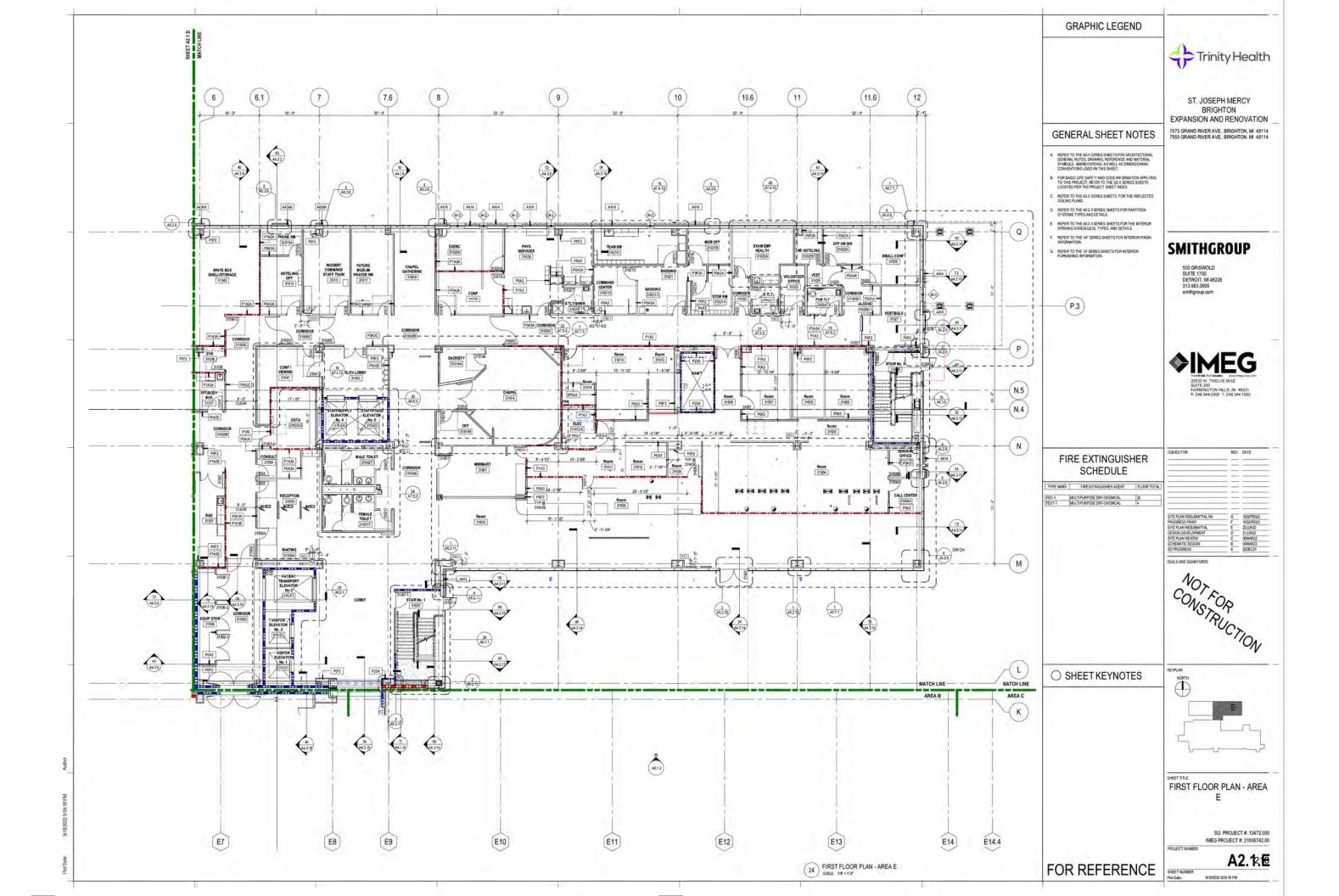


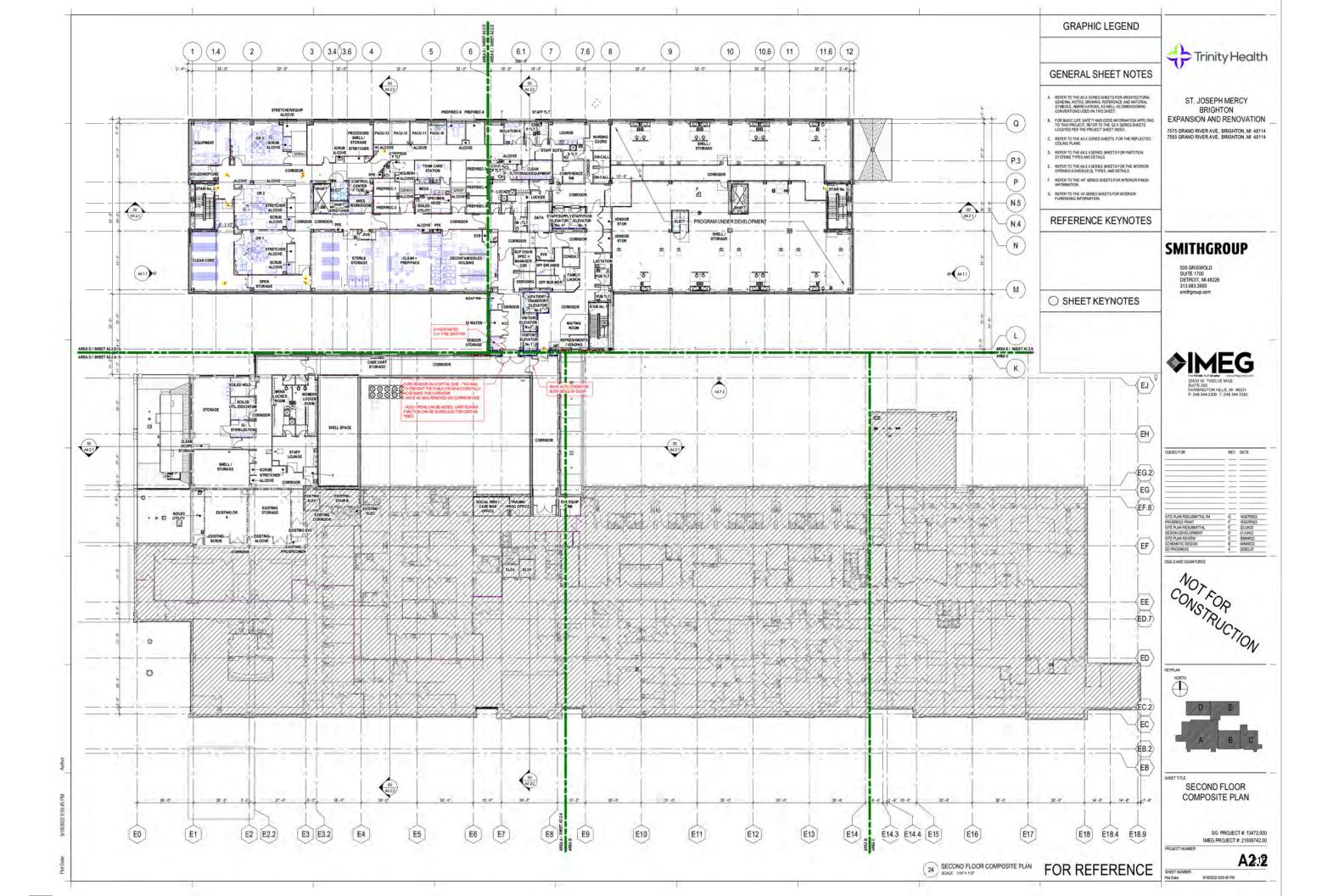


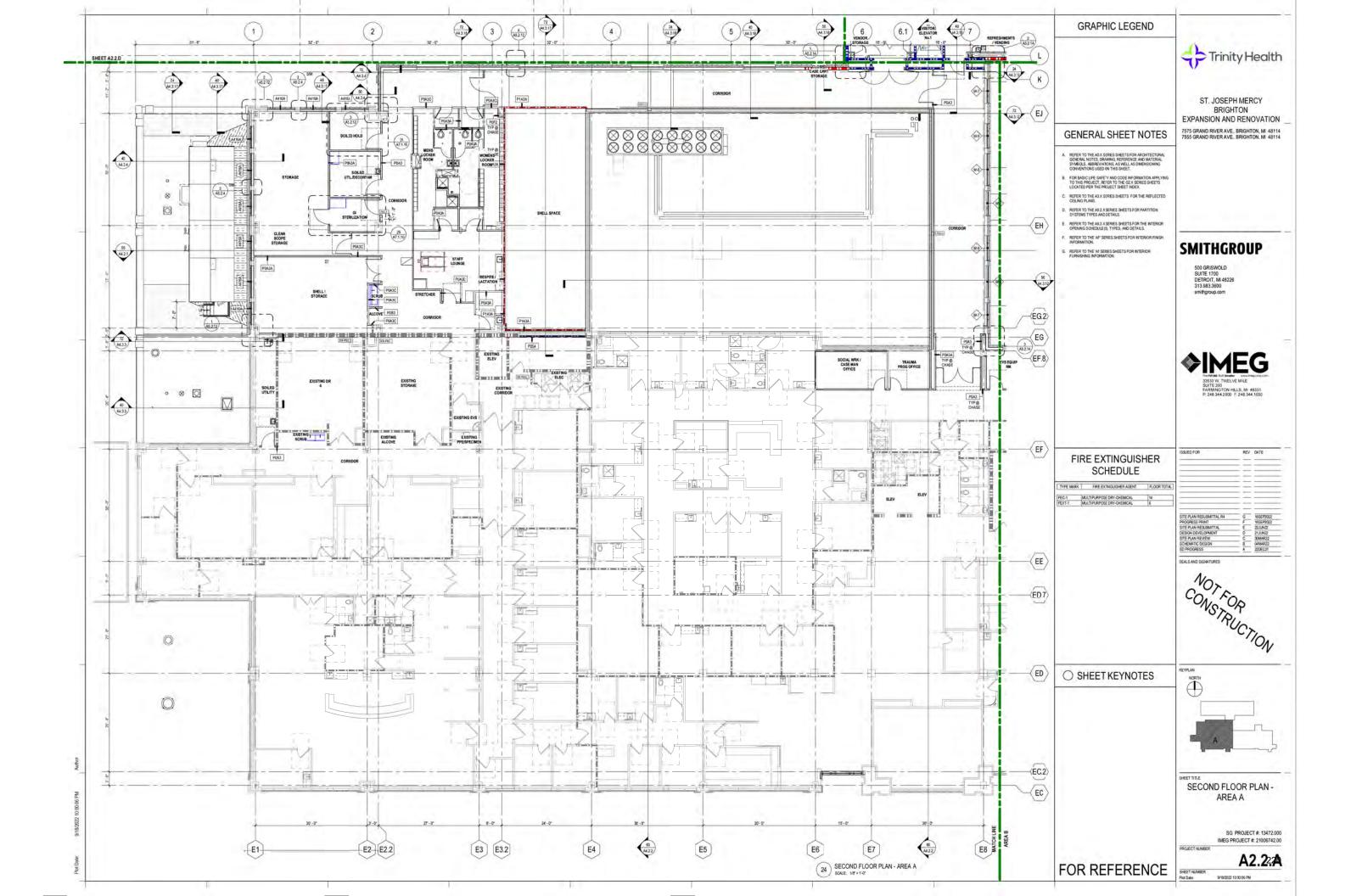


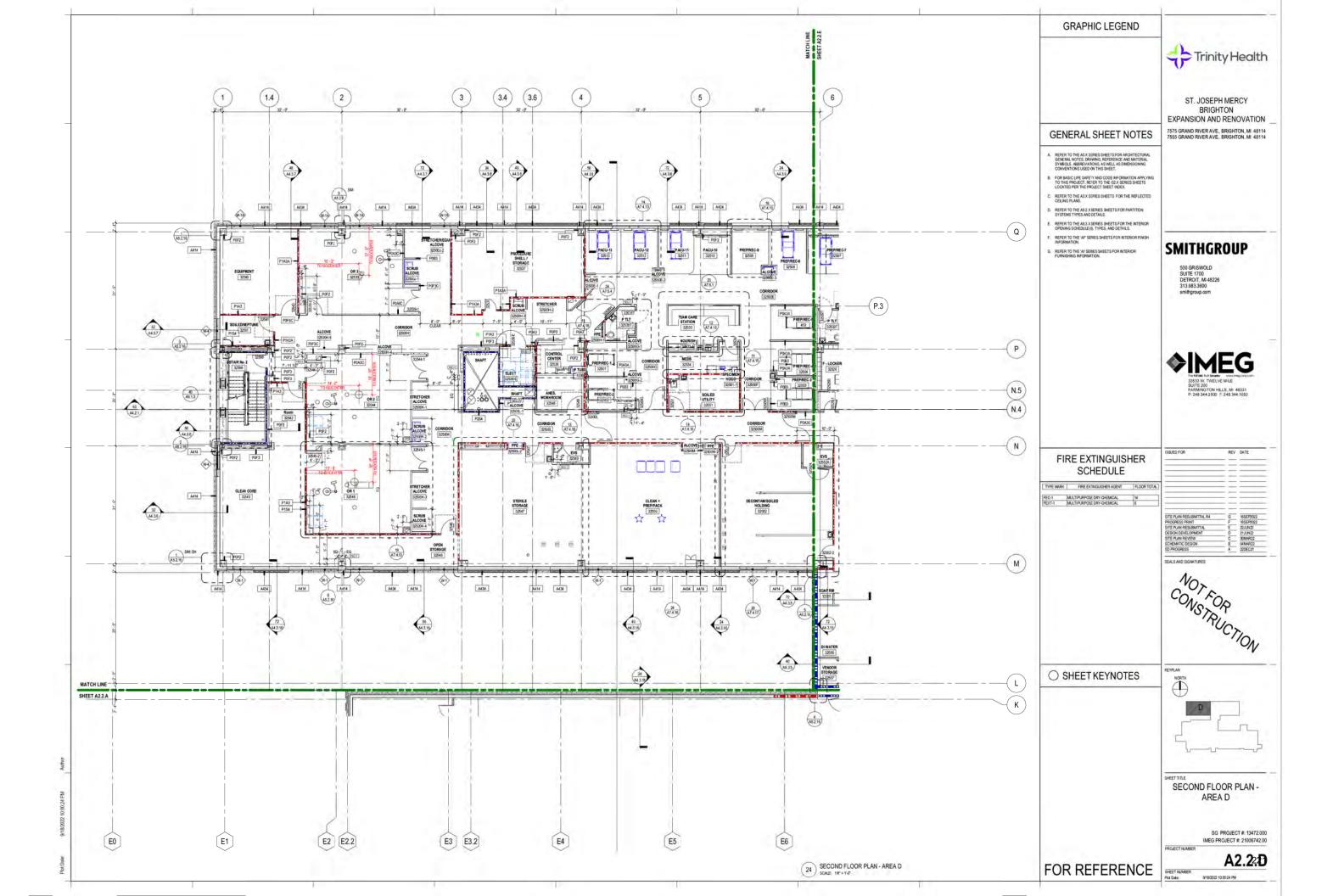


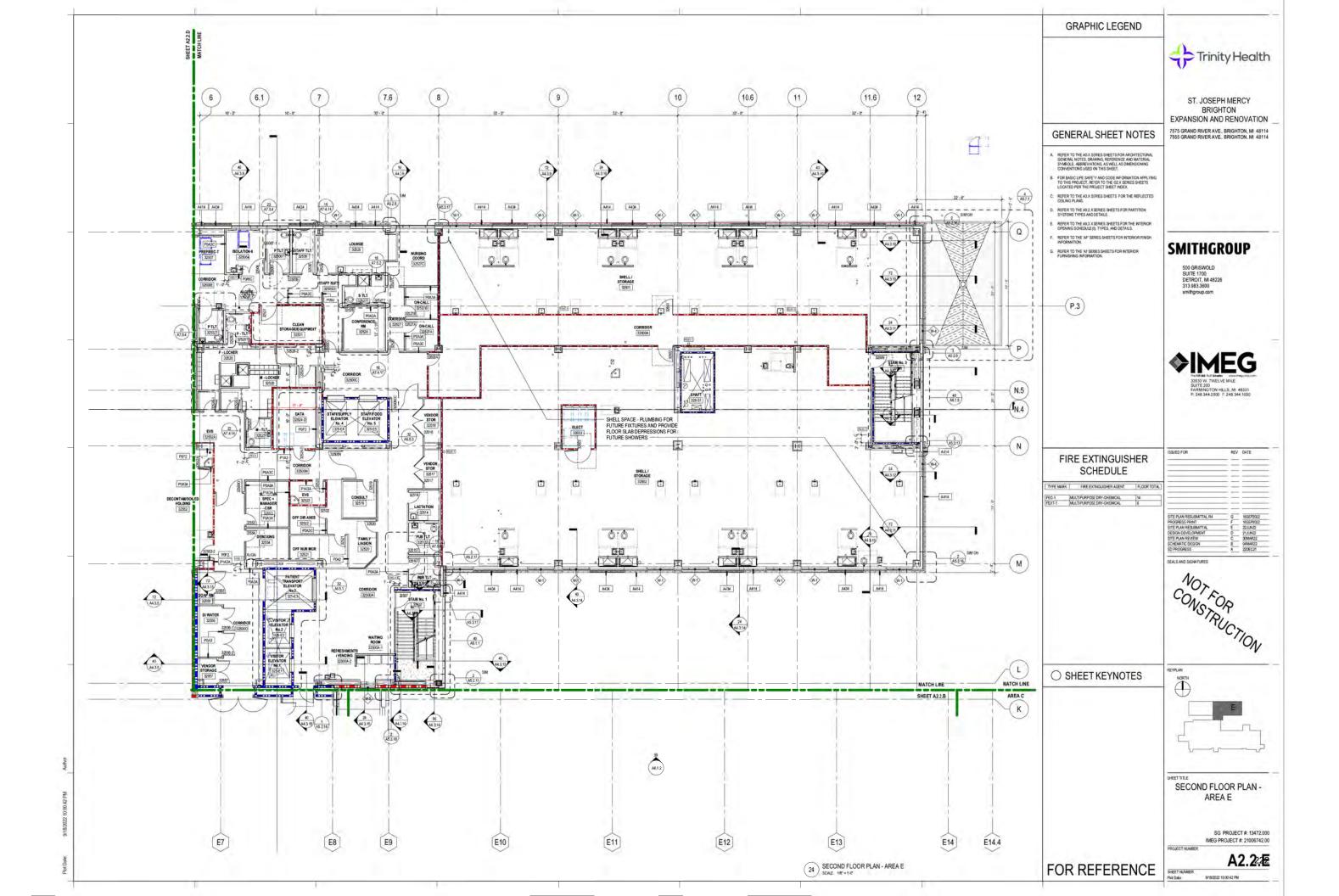


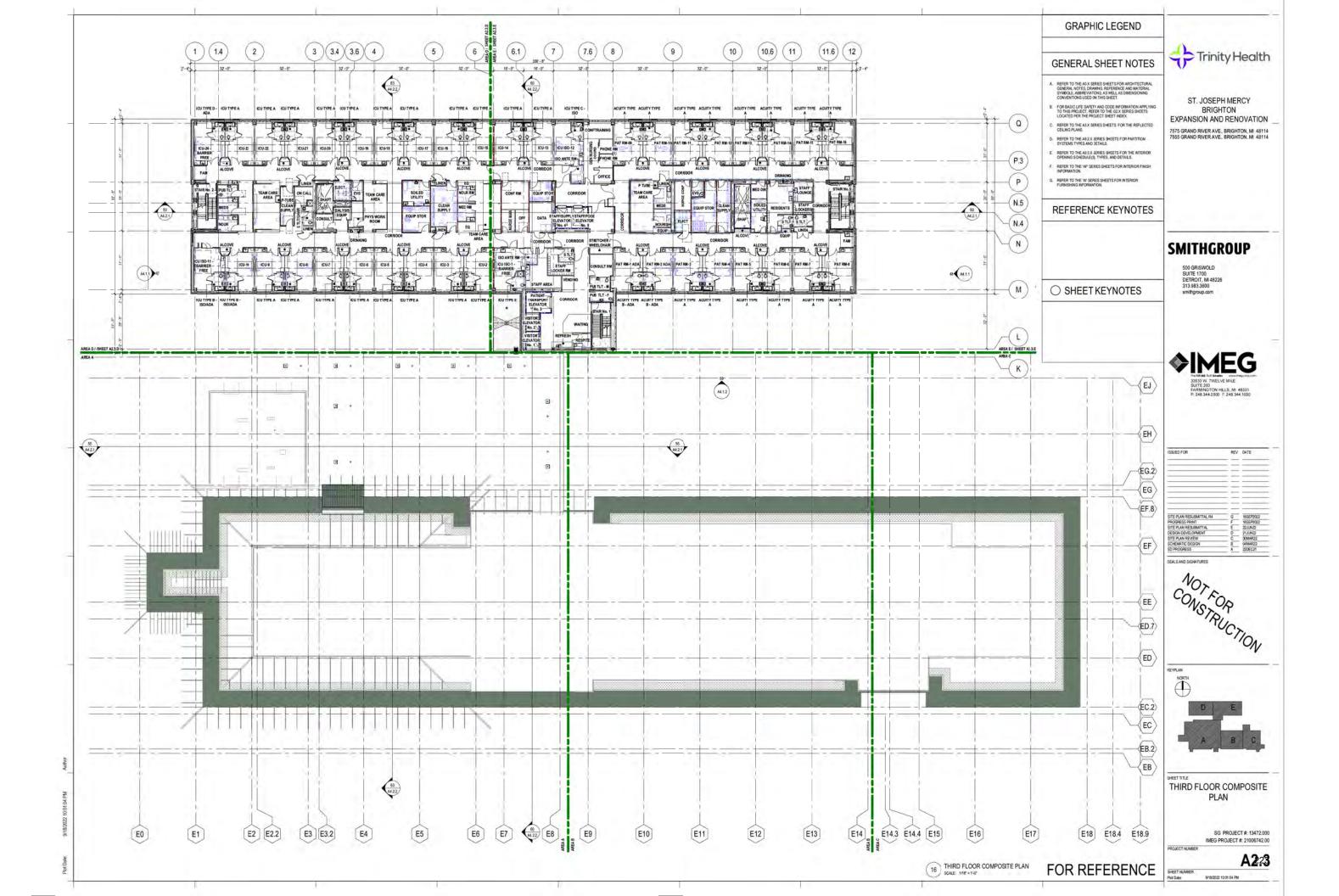


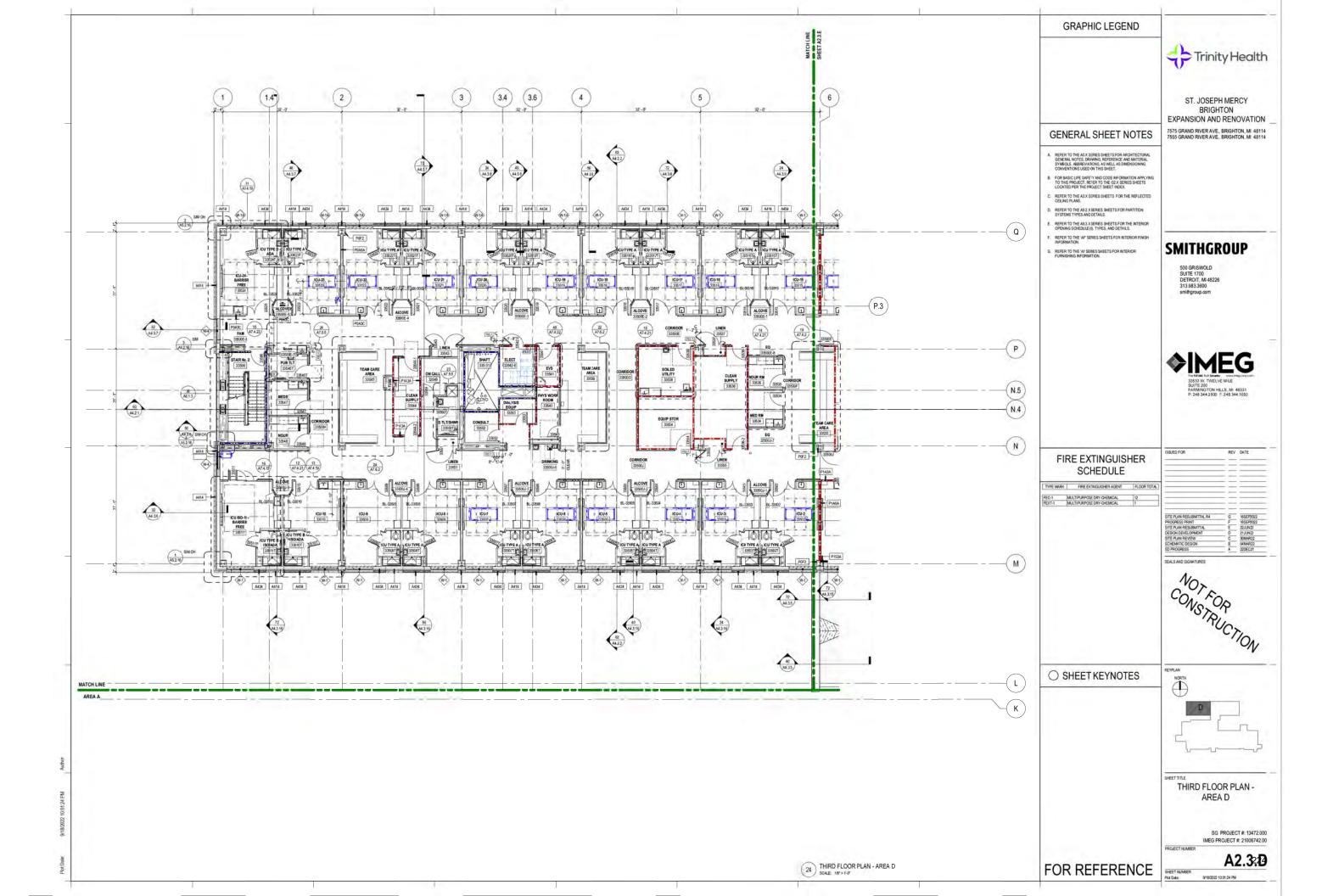


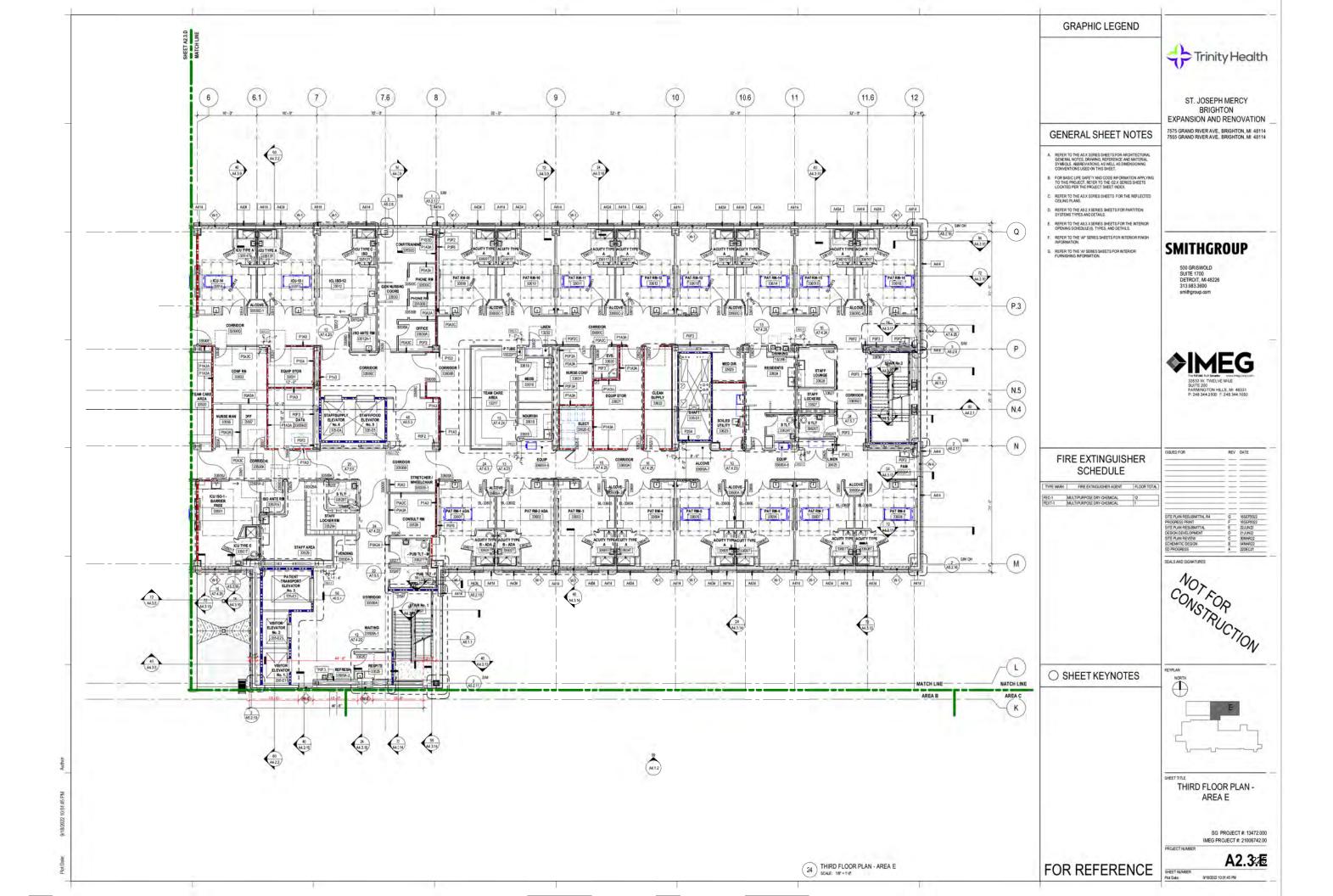


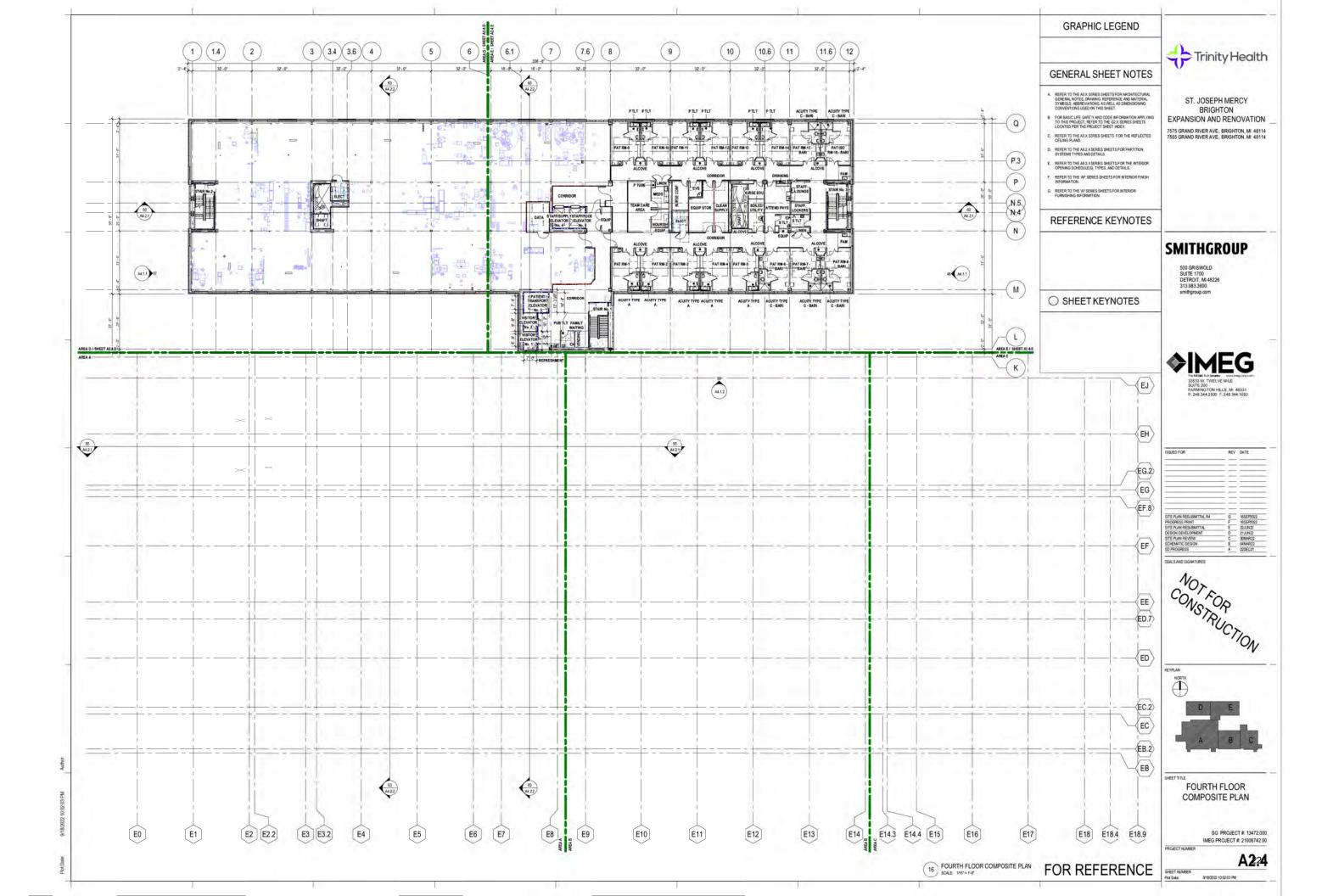


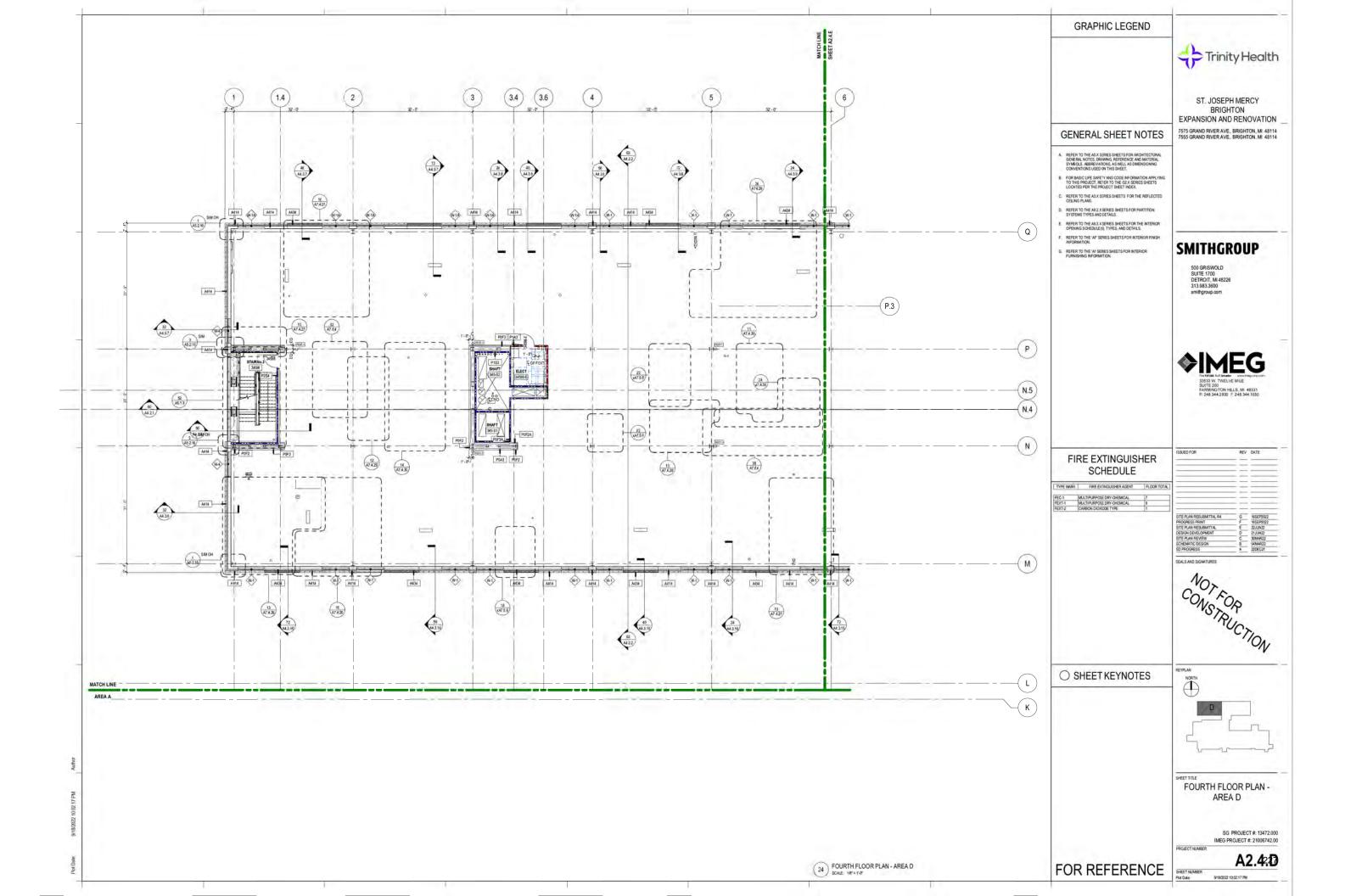


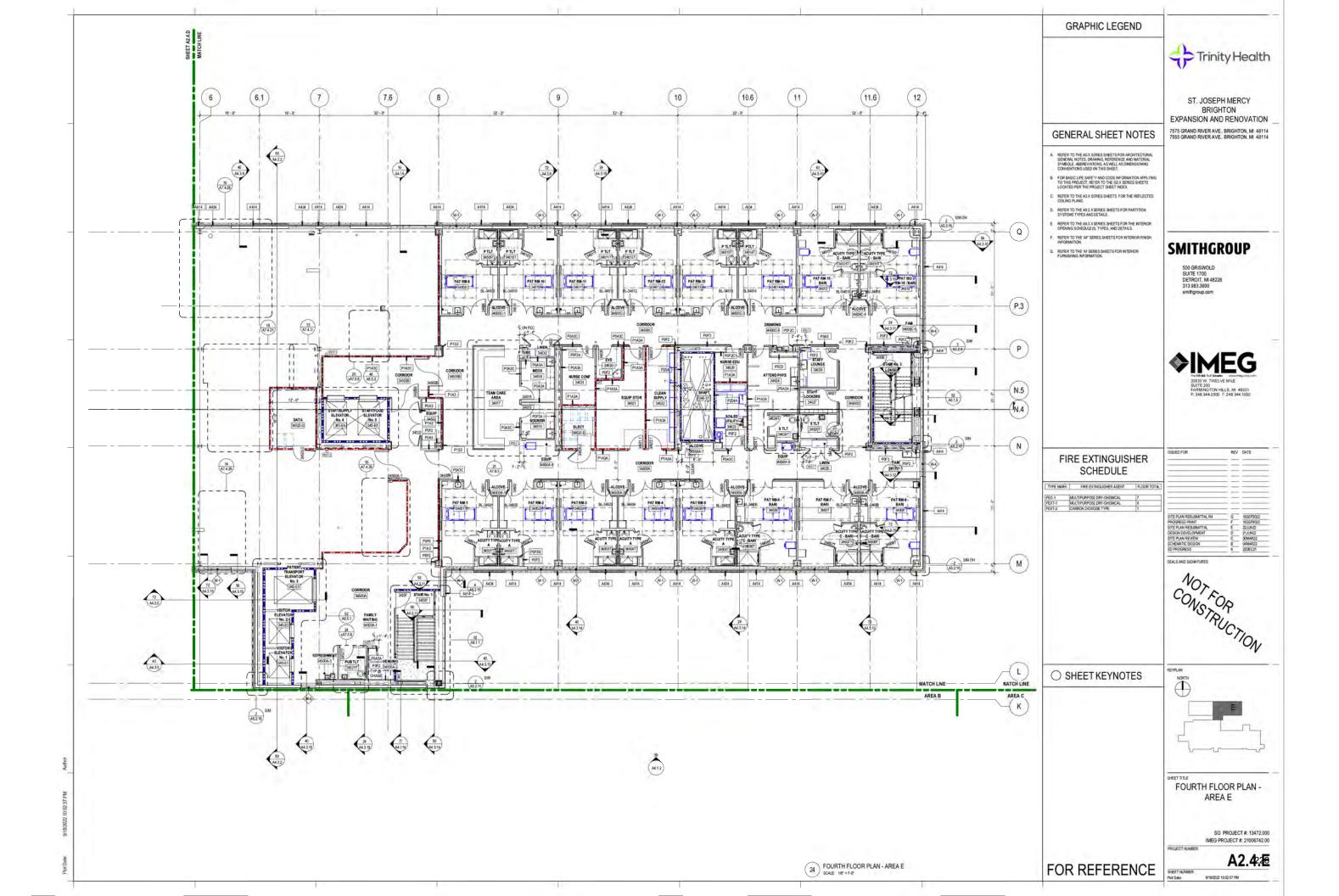


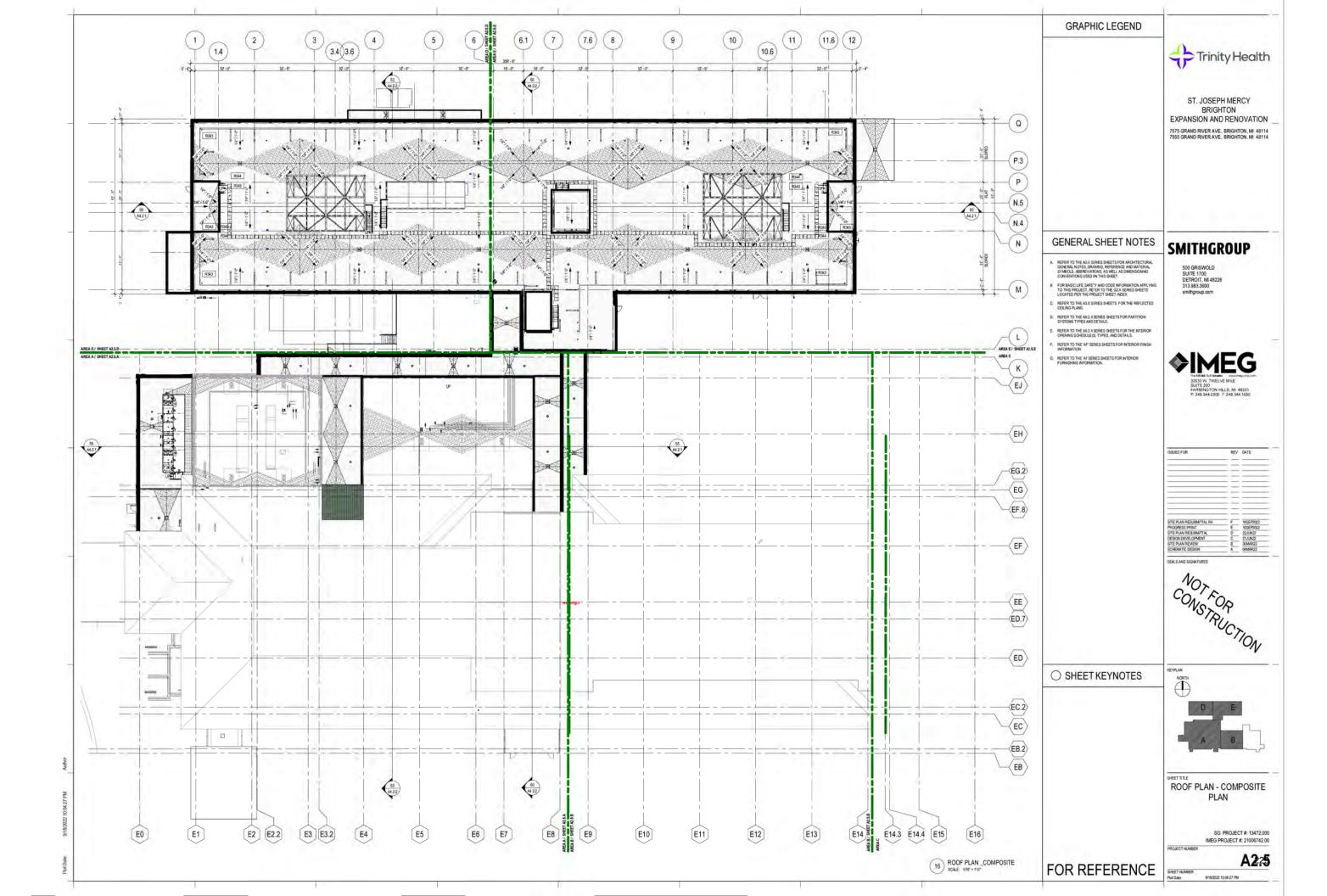


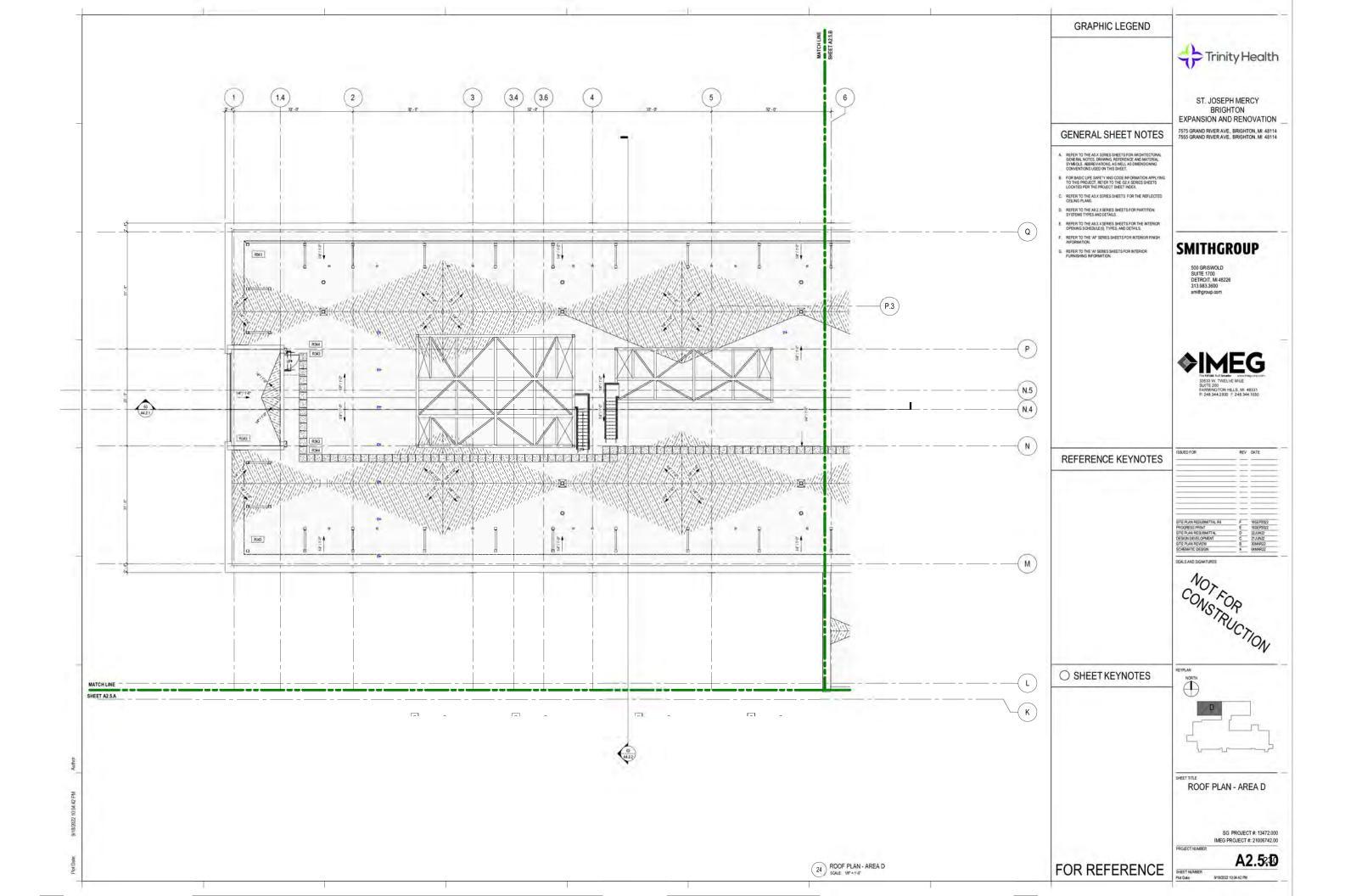


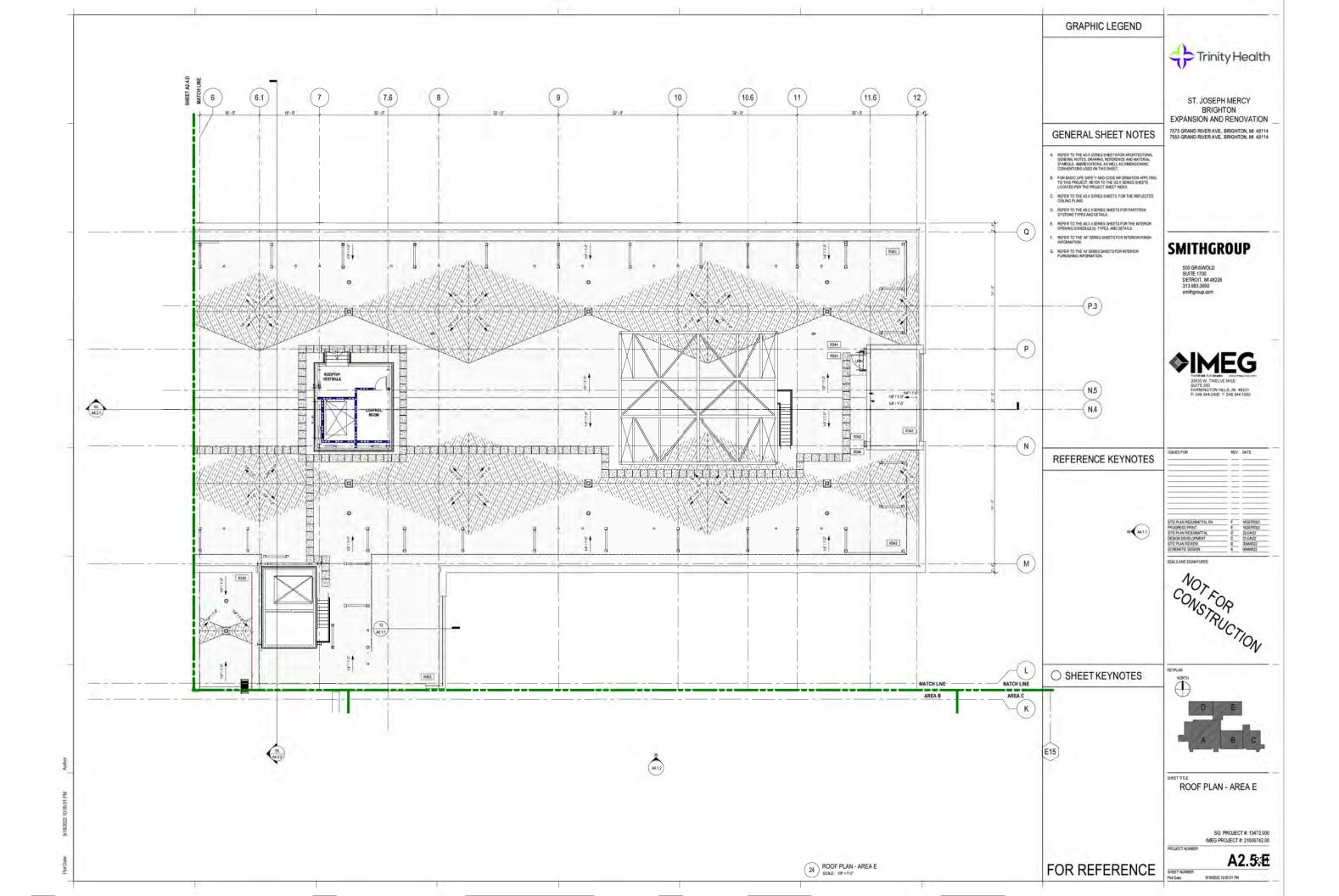






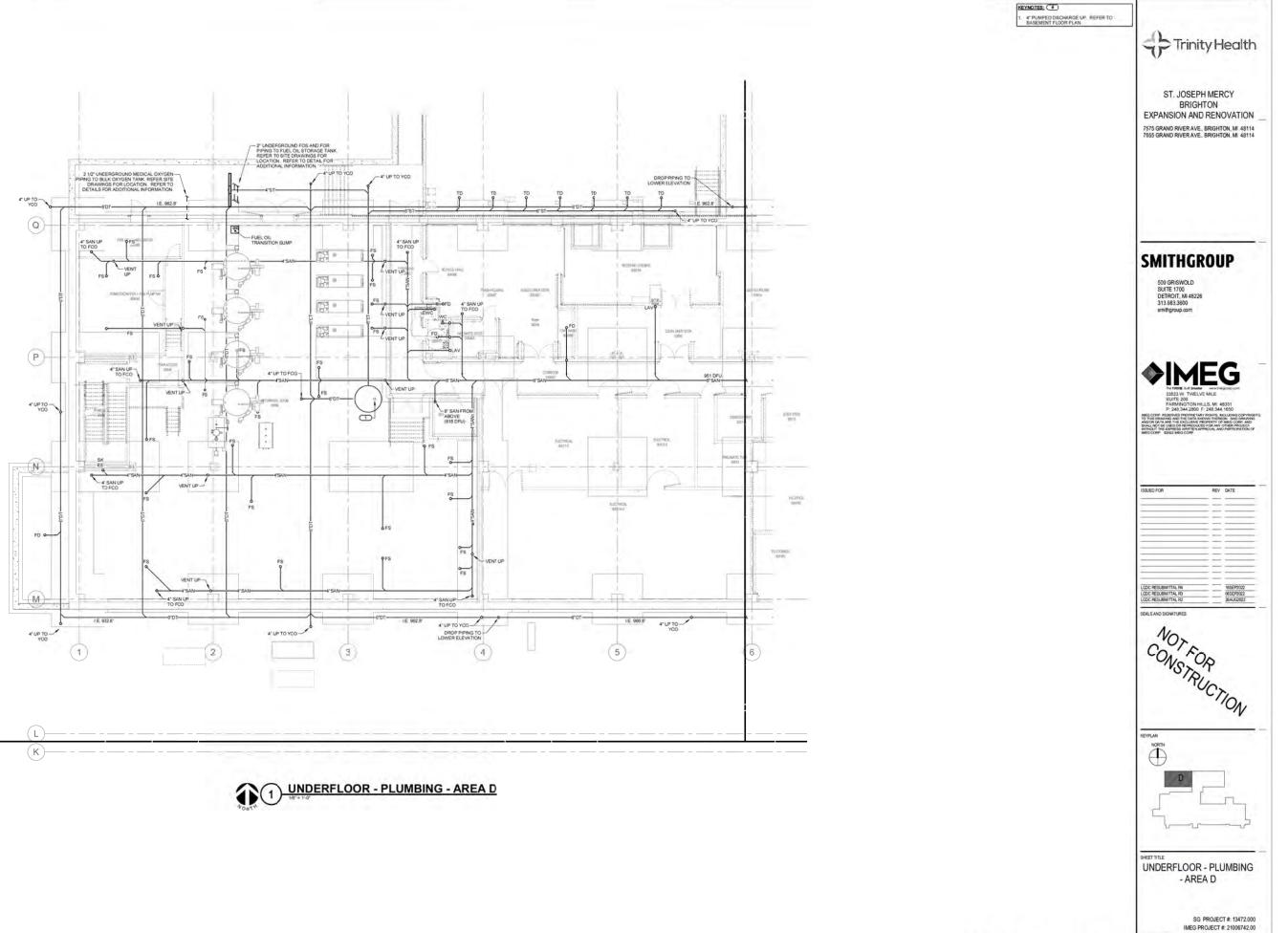












FOR REFERENCE

PU2.0₽



2911 Dorr Road
Brighton, MI 48116
810.227.5225
810.227.3420 fax

genoa.org

# **M**EMORANDUM

**TO:** Honorable Board of Trustees

**FROM:** Kelly VanMarter, Township Manager

**DATE:** October 12, 2022

**RE:** Grand River Storage Site Plan Amendment

Attached please find the project case file seeking an amendment to the approved site plan and revisions to the conditions of approval for the Grand River Climate Controlled Self-Storage project located at 2630 Grand River in Howell. This project was initially approved by the Board in March of this year. Since the applicant seeks to remove a condition asserted by the Township Board, the amended site plan must follow the same review process. As such, the Planning Commission is to review the request and put forth a recommendation to the Township Board on the amended site plan review. The Board has final approval authority.

The applicant is seeking minor deviations to the parking lot layout in front of the building and is asking for relief from the requirement that the front parking lot be re-paved. At their September 12, 2022 meeting the Planning Commission was not in support of leaving the front parking lot in poor condition for an unknown period of time and they recommended approval of an amended plan that fully replaced the entrance driveway to the facility but required the additional paved surface in the front of the building to be removed and restored to lawn area. They also allowed the applicant to decrease the replacement of the rear parking lot to 50 percent.

Since the Planning Commission meeting, the applicant has resubmitted plans and is requesting Board consideration of a request to leave the existing asphalt in the front future outlot for up to 18 months while they seek development opportunities. If they do not have an approved site plan for development of this area after 18 months they will remove the pavement and restore the area to grass. They are also proposing to reconfigure the parking in front of the building to eliminate conflicts with development of the future outlot and are requesting to reduce the resurfacing of the back-parking lot to 50%.

If the Board desires to allow the applicant additional time for the repair or removal of the front parking lot, I recommend that legally enforceable assurances be put in place to ensure faithful completion of the improvements. Typically, the Township would require

#### SUPERVISOR

Bill Rogers

#### CLERK

Paulette A. Skolarus

## **TREASURER**

Robin L. Hunt

### **TRUSTEES**

Jean W. Ledford H. James Mortensen Terry Croft Diana Lowe

#### MANAGER

a performance guarantee as provided by Section 21.03 of the ordinance. I would also suggest consideration of a 12-month time frame rather than 18 months. These items are included as option 2 in the proposed motion below for your consideration:

Amendment to the Approved Site Plan		
, Supported by	to APPROVE the amendments to the	
dated October 4, 2022 witl	h the following conditions:	
as recommended by the Pla	anning Commission, the applicant shall remove	
-	rithin the future outlot area and restore that	
getated lawn surface.		
	, Supported by dated October 4, 2022 with As recommended by the Pla	

Option 2 – The applicant shall be permitted to delay removal of the pavement in the un-improved future outlot area for a period not to exceed 12 months. Within 12 months of this approval the applicant must have obtained site plan approval for construction of a principal building in the area of the future lot. To ensure adherence to this condition, the applicant shall work with staff and the Township attorney to determine the best legal mechanism to ensure the faithful completion of the removal. This may include provisions for a performance guarantee in accordance with Section 21.03 of the Zoning Ordinance.

Should you have any questions concerning this matter, please do not hesitate to contact me.

Kan III

Sincerely,

Kelly VanMarter



October 6, 2022

Kelly VanMarter Community Development Director Genoa Township 2911 Dorr Road Brighton MI 48116

Kelly,

We have made the following changes to the drawings submitted on 8/23/2022:

- 1. Reduce the resurfacing of the back lot to 50%.
- 2. Reduce the resurfacing of the front to not include the future out lot.
- 3. Reconfigured the parking to eliminate any conflicts with the development of the future out lot.
- 4. Replace sidewalks in front of the building.
- 5. Created a new island around the fire hydrant that was added and install additional landscaping.

We asking that the board consider allowing the out lot to remain as existing asphalt for up to 12-18 months while the owners pursue a development for the property in lieu of returning is to grass. In the event the development is not approved they will remove the asphalt and restore the area to grass as approved by the planning commission.

Thank you for your consideration,

**Stan Schafer** 

Schafer Construction.

AJCSV, LLC 8816 Mendocino Drive Austin, TX 78735

October 6, 2022

To Whom It May Concern,

On behalf of AJCSV, LLC, please accept this letter as written verification of our intentions for the outlot parcel with frontage along E. Grand River Ave.

We are currently in the process of evaluating different options for how best to develop this parcel and are making progress towards a definitive plan. It is our goal to start construction on the outlot parcel within the next 12-18 months. In the event a development has not been approved for this outlot parcel within the next 18 months, we will remove the asphalt and the area will be restored with grass. In the meantime, it would be greatly appreciated if the asphalt on the outlot parcel could remain in place.

Thank you for your consideration in this matter.

Jonathan Branoff

AJCSV, LLC



# GENOA CHARTER TOWNSHIP Application for Site Plan Review

TO THE GENOA TOWNSHIP PLANNING COMMISSION AND TOWNSHIP BOARD:
APPLICANT NAME & ADDRESS: 150 Al. First Street, Suit 100 Boghon Mt 4011 If applicant is not the owner, a letter of Authorization from Property Owner is needed.
OWNER'S NAME & ADDRESS: 2424 & Coon Late Trail Howell, Mt 48643
SITE ADDRESS: 2630 E Grand River Ave PARCEL #(s): 4711-06-200-06/
APPLICANT PHONE: (517) 304-1124 OWNER PHONE: (517) 540-0400
OWNER EMAIL: blythe potterson @ asichuck com
LOCATION AND BRIEF DESCRIPTION OF SITE:
Existing vacant building site-formerly "Graat Escape"
BRIEF STATEMENT OF PROPOSED USE:
Indoor Climate controlled Storage
THE FOLLOWING BUILDINGS ARE PROPOSED:
existing Duilding to be venouated to fit new 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: Ston Schofer Schofer Construction
BY: Ston Schofer, Schofer Construction  ADDRESS: 150 N. First Street, Suite 100 Brighton MI 48116

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

1.) As School of School of Business Affiliation at 3 to 0 School of Business Affiliation at 3 to 0 School of 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: And Address

DATE: 8/34/2022

PHONE:

Genoa Township Planning Commission September 12, 2022 Unapproved Minutes

4. If the exhaust duct penetrates a combustible shelter roof or the back wall of the surround it shall be done so in accordance with the manufacturer's instructions and NFPA 96.

The call to the public was opened at 8:38 pm with no response.

**Moved** by Commissioner Lowe, seconded by Commissioner Rauch, to approve the sketch plan dated August 22, 2022 for an outdoor commercial smoker for use as part of the Log Cabin Restaurant located at 5393 Grand River Avenue, north side of Grand River, Between Eckles Drive and Westwood Drive for requested by Chris Stone, conditioned upon the following:

- Any variances required shall be approved by the Zoning Board of Appeals.
- All requirements of the planner's letter dated August 31, 2022 shall be met.
- All requirements of the Brighton Area Fire Authority Fire Marshal's letter dated September 7, 2022 shall be met.
- A six-foot fence shall be installed along the rear property line and approved by Township Staff.

**OPEN PUBLIC HEARING #4...**Consideration of an amendment to a previously approved site plan for a climate-controlled indoor commercial storage business located at 2630 E. Grand River Avenue, south side of Grand River, east of Chilson Road. The request is petitioned by Schafer Construction, Inc.

A. Recommendation of Site Plan Amendment (8-22-22)

Mr. Stan Schafer of Schafer Construction and Mr. Dan LeClair of Greentech Engineering were present. They are proposing to decrease the amount of the parking lot that was approved to be pulverized and repayed. The owners are preparing to develop the front portion of the site and the other area of the lot is in good condition. They are proposing to repair and seal coat these areas instead.

Mr. Borden reviewed his letter dated September 6, 2022.

- 1. The applicant seeks authorization to not improve the front parking lot, which was a condition of site plan approval.
- 2. In order to remove a condition of approval, the request must follow the same review process, which is a Planning Commission recommendation to the Township Board.
- 3. There is no indication of the anticipated timeline to create/develop the frontage site.
- 4. If the request is granted, the front parking lot could remain in poor condition until the frontage site is developed.
- 5. As an alternative to leaving the front parking lot as-is, the applicant should consider having it removed and sodded with grass/landscaping until a future development occurs.

Genoa Township Planning Commission September 12, 2022 Unapproved Minutes

Commissioner Rauch requested to have the driveway area that is next to the proposed outlot pulverized and repaved and suggested leaving some of the rear parking lot in its current condition to save costs. He agrees with Mr. Borden's suggestion of turning the outlot area into grass or landscaping. Commissioner Dhaenens agrees.

The call to the public was opened at 8:52 pm with no response.

Mr. Gary Markstrom's letter dated August 30, 2022 states there are no engineering concerns for this proposal.

Fire Marshal Rick Boisvert's letter dated September 7, 2022 stated he has no opposition to elimination of the parking lot surface improvement at the front of the building.

**Moved** by Commissioner Rauch, seconded by Commissioner Dhaenens, to recommend to the Township Board approval of site plan amendment dated August 22, 2022 for a climate-controlled indoor commercial storage business located at 2630 E. Grand River Avenue, south side of Grand River, east of Chilson Road by Schafer Construction, Inc., with the following conditions:

- The petitioner shall update the plan to show pulverizing and repaving the driveway area, from the northeast corner of the property to the proposed new pavement near the building.
- The petitioner shall remove the gravel and reestablish with vegetation the area within the future outlot lines.
- The petitioner can choose to not repave up to 50 percent of the rear parking area.

The motion carried unanimously.

# ADMINISTRATIVE BUSINESS:

#### Staff Report

Ms. VanMarter stated the next meeting will be <u>Tuesday</u>, October 11 due to Monday being Columbus Day. The only item on the agenda is the public hearing for the Master Plan Update.

# Approval of the August 8, 2022 Planning Commission meeting minutes

**Moved** by Commissioner Lowe, seconded by Commissioner Dhaenens, to approve the minutes of the August 8, 2022 Planning Commission Meeting as presented. **The motion carried unanimously.** 

### **Member Discussion**

The members expressed concerns over comments made during the call to the public for the apartment complex. The Commissioners agreed that this is a diverse community and inappropriate and racist comments should not be tolerated.

2027-2032 at \$40,550.00 and a high-speed automatic envelope opener at \$2,920.00 with FORMAX using federal and state grant funding under ARPA at the recommendation of County Clerk Elizabeth Hundley and Township Clerk Polly Skolarus.

Moved by Lowe and supported by Skolarus to table the request until clarity of the maintenance agreement and the additional cost can be taken into consideration. The motion carried unanimously.

- 5. Public Hearing for the Homestead Drive Road Improvement Special Assessment Project (Summer 2022).
- A. A Call to the Property Owners was made with no response.
- B. A Call to the Public was made with no response.
- 6. Request for approval of Resolution #3 [approving the project cost estimates, special assessment district and causing the special assessment roll to be prepared] for the Homestead Drive Road Improvement Special Assessment Project. (Summer 2022).

Skolarus asked to consider the \$2,000.00 fee when the publications and mailing may cost less. Archinal – There is also my staff time to consider.

Moved by Mortensen and supported by Croft to approve Resolution #3 as requested for Homestead Drive road improvement project. The motion carried by roll call vote as follows: Ayes – Ledford, Croft, Lowe, Mortensen, Skolarus and Rogers. Nays – None. Absent – Hunt.

7. Request for approval of Resolution #4 [acknowledging the filing of the special assessment roll, scheduling the second hearing, and directing the issuance of statutory notices for the Homestead Drive Road Improvement Special Assessment Project (Summer 2022).

Moved by Skolarus and supported by Lowe to approve Resolution #4 as requested for Homestead Drive road improvement project. The motion carried by roll call vote as follows: Ayes – Ledford, Croft, Lowe, Mortensen, Skolarus and Rogers. Nays – None. Absent – Hunt.

8. Consideration of a recommendation for approval of a special use application, environmental impact assessment and site plan for a proposed climate-controlled indoor commercial storage business located at 2630 E.

# Grand River Avenue, south side of Grand River, east of Chilson Road. The request is petitioned by Schafer Construction, Inc.

Skolarus – That is a large parking area for your development. Do you own the parking lot in the picture? Matt Veter – Yes. Skolarus – Will you be asking for additional development on this property? Veter – Maybe.

# • Disposition of Special Use Application

Moved by Lowe and supported by Croft to approve the Special Use Application approve the Special Land Use permit because it has been found that the requested use meets the requirements of Sections 19.03 and 7.02.02(z) of the Township Ordinance. The motion carried unanimously.

# • Disposition of Environmental Impact Assessment (2-24-22)

Moved by Ledford and supported by Croft to approve the Environmental Impact Assessment dated February 24, 2022 as submitted. The motion carried unanimously.

# • Disposition of Site Plan (2-24-22)

Moved by Skolarus and supported by Lowe to approve the sketch plan dated February 24, 2022 with the following conditions:

- All requirements of the Fire Marshall's letter dated March 9, 2022 including the need for a hydrant, shall be met.
- All requirements in the Township Engineer's letter dated March 7, 2022 shall be met.
- In lieu of installing the required sidewalk, a performance guarantee in compliance with Section 21.03 shall be provided and a sidewalk easement shall be granted to the Township if necessary for Township installation of a sidewalk.
- As indicated by the applicant at the Planning Commission meeting, the parking lot will be pulverized/repaved with replacement of the parking lot island landscaping and additional potted landscaping will be added near the entrance area. A revised landscape plan shall be provided for Township staff approval prior to issuance of a land use permit.
- The site lighting standards shall be met, which includes reducing the height of the poles to 20 feet or less in the east lot and 30 feet or less in the north lot.

- The existing outside well will be abandoned per Livingston County Health Department standards.
- Copies of the cross-access agreements with the adjacent properties shall be provided to Township Staff and any change to the cross-access agreement with the adjacent properties must be reviewed and approved by the Township.
- The site shall be signed to advise that no overnight parking is permitted.
- A hard copy of the rendering and the proposed paint colors shall be provided to Township Staff prior to issuance of the land use permit.

The motion carried unanimously.

# 9. Request for approval of a general appropriations act for funds 101, 202, 208, 212, 249, 401, 464, 532, and 860 for FY 2022-2023 starting April 1, 2022 and ending March 31, 2023.

A. A call to the public was made with no response.

Moved by Mortensen and supported by Skolarus to approve Resolution No. 220321 with regard to all general appropriations referencing the Clerk's attachment as previously provided relative the election budget and salaries for the next fiscal year. The motion carried by roll call vote as follows: Ayes – Ledford, Croft, Lowe, Mortensen, Skolarus and Rogers. Nays – None. Absent - Hunt.

# 10. Request for approval of a contract with the Livingston County Road Commission for limestone resurfacing on King Road from the end of the pavement to Richardson Road at a cost of \$140,000.00.

Moved by Ledford and supported by Croft to approve the Contract with Livingston County Road Commission for King Road in the amount of \$140,000.00 as requested. The motion carried unanimously.

# 11. Request to approve the proposal from Omni Tech Spaces for the purchase of a new Board Room visual display system for \$62,283.00.

Moved by Skolarus and supported by Croft to approve the proposal with Omni Tech Spaces as requested. The motion carried unanimously.

# **Correspondence:**

A letter from the Livingston County Drain Commissioner related to the Marion Drain No. 3 was received.

**Moved** by Commissioner Rauch, seconded by Commissioner Dhaenens, to recommend to the Township Board approval of the Site Plan dated February 23, 2023 for a proposed 3,750 sq. ft. office building with outdoor storage located at 1247 Fendt Drive, north of Grand Oaks Drive, based on the following conditions:

- No berm is necessary along the south property boundary because the exciting berm and vegetation is satisfactory.
- The building materials are satisfactory.
- The greenbelt berm and plantings shall be extended to the south due to the elimination of the curb cut.
- Gravel is an allowable surface for the truck storage area and the storage area shall not
  exceed into the front yard past the front building line.
- The applicant shall comply with the conditions of the Township Engineer's letter dated March 8, 2022.
- The applicant shall comply with the conditions of the Brighton Area Fire Authority Fire Marshal's letter dated March 9, 2022.

The motion carried unanimously.

**OPEN PUBLIC HEARING #3...**Consideration of a special use application, environmental impact assessment and site plan for a proposed climate-controlled indoor commercial storage business located at 2630 E. Grand River Avenue, south side of Grand River, east of Chilson Road. The request is petitioned by Schafer Construction, Inc.

- A. Recommendation of Special Use Application
- B. Recommendation of Environmental Impact Assessment (2-24-22)
- C. Recommendation of Site Plan (2-24-22)

Mr. Dan LeClair of Greentech Engineering and Mr. Matt Vetter of Schafer Construction were present. Mr. LeClair provided a review of the project. They are proposing 325 self-storage units. They had originally proposed outdoor storage on the eastern side of the building; however, that plan has been removed. One of the landscape plans in the packet incorrectly shows that plan, so he asked the Commissioners to disregard it.

In response to comments in the planner's letter, they are proposing to refinish the existing building facade. They would like to keep the materials, but change the colors of the block and wood and replace the glass. It is currently 76 percent block, 6 percent glass, and 17 percent wood with some vertical siding. Mr. Vetter showed proposed colored renderings.

Chairman Grajek questioned if the facade could be changed to appear to be more of different storefronts similar to the other portion of this property.

They are proposing some site improvements; specifically, fencing in the parking lot that is to the east side of the building, replacing the parking lot light fixtures with LED lights, and building a fence around the parking lot to the rear. They are seeking a waiver for the installation of the eight-foot wide sidewalk. They would like to provide a performance guarantee to install the

sidewalk so that it can be installed when sidewalks are installed on either side of them. They would also like to maintain the existing parking lot and not remove any parking spaces. They are not proposing to provide any additional plantings to the rear of the site due to the area being already heavily wooded. They are also asking for a reduction of the side yard and building setback requirements on the west property line.

They will comply with all requirements of the Township Engineer and the Brighton Area Fire Authority fire marshal's requirements.

Mr. Borden reviewed his letter dated March 8, 2022:

- 1. Section 19.03 General Special Land Use Standards:
  - a. In order to make favorable findings related to compatibility and impacts, the use conditions of Section 7.02.02(z) need to be met to the Commission's satisfaction.
  - b. The applicant must address any comments provided by the Township Engineer or Brighton Area Fire Authority regarding public facilities and services.
- 2. Section 7.02.02(z) Use Conditions:
  - a. The existing building does not meet the material requirements of Section 12.01; however, Planning Commission may modify these requirements in accordance with Section 12.01.04.
  - b. The applicant should be prepared to present material and color samples and/or a color rendering to the Commission as part of their review.

#### 3. Site Plan Review:

- a. An 8-foot wide bike path is required along Grand River. The applicant requests to provide a performance guarantee in lieu of pathway construction at this time. This is allowed per the zoning ordinance. Commissioner Mortensen would like the sidewalks to be installed at this time. Chairman Grajek agrees. Commissioner Rauch would like the sidewalks to be put in at the same time as the adjacent property owners, so the money should be held until the adjacent properties are redeveloped.
- b. Given the amount of parking provided versus that proposed, Planning Commission approval is necessary, per Section 14.02.06. This use only requires approximately 30 parking spaces and there are almost 300 on this site. He agrees to have the Planning Commission allow this as excess parking instead of having the applicant remove it.
- c. Maximum light pole height is 20 feet, while the plan notes 40 feet. Mr. Vetter agrees to change the light poles to meet the ordinance.
- d. The landscape plan is deficient in greenbelt and buffer zone plantings; however, existing conditions restrict opportunities for full compliance, and the rear of the site contains an existing wooded area, which is noted by the applicant. The Planning Commission has the authority to modify landscaping requirements.
- f. The landscape plan depicting mini-storage buildings must be removed from the submittal. The applicant referred to this in their presentation. Commissioner McCreary asked where the carts that customers will use will be stored. Mr. Vetter stated they will be stored in the covered area outside of the building. She asked if the Planning

Commission has a concern with long-term parking of moving vehicles, such as U-Hauls, etc. There was a discussion regarding allowing overnight parking in the proposed gated area to the east of the building. Ms. VanMarter noted that any vehicle parking after 72 hours would be considered outdoor storage, so a time limit would need to be put in place with either signage or in the rental contract.

Ms. Byrne reviewed her letter dated March 7, 2022:

- 1. Approval should be obtained by the Brighton Area Fire Authority prior to site plan approval. As indicated in their review letter dated February 16, 2022, the existing building may not have adequate hydrant coverage. Drawings that show the existing water main layout are attached for reference. The closest hydrant is in front of 2650 East Grand River Avenue. If an additional fire hydrant is required by the Fire Marshal, water main construction plans will need to be submitted to her office and MHOG Sewer and Water Authority for review and permitting after site plan approval has been obtained from the Township.
- 2. The proposed access to the existing southeast parking area is over a cross access easement on the adjacent property. This area is proposed to be fenced, thereby eliminating the cross access to the adjacent parcel. A new easement must be obtained consenting to the elimination of the cross access and for the construction of the drive, fencing, and curbing on the adjacent parcel.
- 3. The Livingston County Health Department has indicated that the existing well on site should be properly abandoned by a registered water well driller. This should be shown on the site plan.
- 4. Details for the proposed curb and gutter and the proposed asphalt section should be shown on the site plan and should match the details provided in the Genoa Township Engineering Standards.

The Brighton Area Fire Authority Fire Marshal's letter dated March 9, 2022 stated the following:

- 1. Two-way emergency vehicle access roads shall be a minimum of 26-feet wide. With a width of 26-feet. The perimeter drive around the outside self-storage units shall be a minimum of 26-feet wide. The drive width from the front parking to the side storage lot is not indicated at 26-feet as required. Fire lane signage shall be provided along the building front. Provide a detail of the fire lane sign in the submittal. Access roads to the 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 84,000 pounds. (The 26-feet width is the minimum required for two-way access. The access drive width to the storage yard can be accommodated by modification to the existing canopy on the Northeast corner of the building.)
- 2. Access around the building and storage unit yard shall provide emergency vehicles with a turning radius of 50-feet outside and 30-feet inside. Vehicle circulation shall account for non-emergency traffic and maintain the vehicle within the boundary of lanes of travel. (Provide an emergency vehicle turning template for the storage yard and the front entry parking lot and drives utilizing the apparatus and details at the end of this letter. Entrance drive to the storage area does not meet width and radius

requirements.).

- 3. The location of a Knox Box shall be indicated on future submittals. The Knox box shall be located adjacent to the main entrance of the structure, in a location coordinated with the fire authority. The gate to the rear storage yard shall be provided with a Knox Key Switch for control and bypass of the access control of the gate. (The Knox box is reflected on the main building above the FDC, however no detail or acknowledgement is provided for the storage yard access gate as required).
- 4. During the construction process, the building will be evaluated for emergency responder radio signal strength. If coverage is found to be questionable or inadequate; the contractor or the building owner shall hire an approved contractor to conduct a grid test of the facility. If the signal strength coverage is found to be non-compliant, an approved emergency responder radio coverage system shall be provided in the building.
- 5. Provide names, addresses, phone numbers, emails of owner or owner's agent, contractor, architect, on-site project supervisor.

Board Member McCreary asked if there will be a sign installed. Mr. Vetter stated they will be installing a sign and will receive the appropriate approvals.

The Planning Commission discussed the proposed facade design and colors. Commissioner Rauch believes this is a substantial improvement to what was there previously, noting that this building has been vacant for approximately seven years.

The call to the public was made at 8:10 p.m. with no response.

Commissioner McBain asked what they are doing with the parking lot and if some additional potted landscaping could be added to the entrance area since the asphalt abuts the cement near the door. Mr. Vetter agreed to add some landscaping near the doorway. They will also be removing and replacing the existing landscape island plantings and pulverizing/re-paving the parking lot.

**Moved** by Commissioner Rauch, seconded by Commissioner Mortensen, to recommend to the Township Board approval of the Special Use Application for indoor commercial storage business located at 2630 E. Grand River Avenue, south side of Grand River, east of Chilson Road being that the Planning Commission finds the conditions set forth in Section 19.03 are generally met and favorable findings of Section 7.02.02(z) of the Zoning Ordinance. **The motion carried unanimously.** 

**Moved** by Commissioner Rauch, seconded by Commissioner McCreary, to recommend to the Township Board approval of the Environmental Impact Assessment dated February 24, 2022 for indoor commercial storage business located at 2630 E. Grand River Avenue, south side of Grand River, east of Chilson Road. **The motion carried unanimously.** 

**Moved** by Commissioner Rauch, seconded by Commissioner Dhaenens, to recommend to the Township Board approval of the Site Plan dated February 24, 2022 for indoor commercial storage business located at 2630 E. Grand River Avenue, south side of Grand River, east of Chilson Road, with the following conditions:

- All requirements of the Fire Marshal's letter dated March 9, including the need for a hydrant, shall be met.
- All requirements in the Township Engineer's letter dated March 7, 2022 shall be met.
- While not compliant with Section 12.01 of the Zoning Ordinance, the Planning Commission finds the architectural renderings provided this evening to be an acceptable upgrade to what is currently there
- A performance guarantee in an amount to be determined by staff shall be provided prior to land use permit issuance. If the Township is required to install the sidewalk, the applicant shall provide the Township with an easement for its installation.
- The excess parking is found acceptable and the application acknowledges it will be repaved.
- The site lighting standards shall be met, which includes reducing the height of the poles to 20 feet or less.
- The existing outside well will be abandoned per Livingston County Health Department standards.
- The front and side yard buffers are acceptable as is.
- Any change to the cross-access agreement with the adjacent properties must be reviewed and approved by Township staff.
- The site shall be signed to advise that no overnight parking is permitted to exceed the township standards of 72 hours.
- A copy of the rendering presented this evening and the proposed paint colors shall be provided to Township Staff.

The motion carried unanimously.

**OPEN PUBLIC HEARING # 5**...Consideration of a request for approval of the 2022-2027 Capital Improvement Program as submitted by the Township Manager.

Ms. VanMarter stated the Planning Commission is required to approve the Capital Improvement Program. She reviewed the specific projects, which include road, parks and recreation, pedestrian movement, and facilities and grounds improvements.

Commissioner McBain suggested that improvements be made at the intersection of Latson and Golf Club. She suggested that this should be done before paving Golf Club Road because paving Golf Club Road to Hacker Road will just add more congestion to the dangerous intersection. Commissioner Rauch is pleased to see that the Bauer and Challis Road intersection is a priority. He also suggested improvements to the Bauer and Brighton Road intersection that could add more stacking to help with congestion related to the schools.



September 6, 2022

Planning Commission Genoa Township 2911 Dorr Road Brighton, Michigan 48116

<b>Attention:</b>	Kelly Van Marter, AICP
	Planning Director and Assistant Township Manager
Subject:	Grand River Self Storage – Amendment to an Approved Site Plan (Review #1)
<b>Location:</b>	2630 East Grand River Avenue – south side of Grand River, east of Chilson Road
Zoning:	GCD General Commercial District

#### **Dear Commissioners:**

At the Township's request, we have reviewed the request to amend an approved site plan for a climate-controlled indoor commercial storage business at 2630 East Grand River Avenue (site plan dated 8/22/22).

# A. Summary

- 1. The applicant seeks authorization to not improve the front parking lot, which was a condition of site plan approval.
- 2. In order to remove a condition of approval, the request must follow the same review process Planning Commission recommendation to the Township Board.
- 3. The "potential future lot lines" depicted on the plan do not constitute a compliant GCD lot, so the method of creating a future development site is unclear.
- 4. There is no indication of the anticipated time-line to create/develop the frontage site.
- 5. If the request is granted, the front parking lot could remain in poor condition until the frontage site is developed.
- 6. As an alternative to leaving the front parking lot as-is, the applicant should consider having it removed and sodded with grass/landscaping until a future development occurs.

# B. Proposal/Process

In March of 2022, the Planning Commission put forth favorable recommendations to the Township Board on a special land use and site plan to convert the existing building into a climate-controlled indoor commercial storage business.

The recommendation on the site plan was conditional, and one of the conditions was that the parking lot was to be pulverized and repaved.

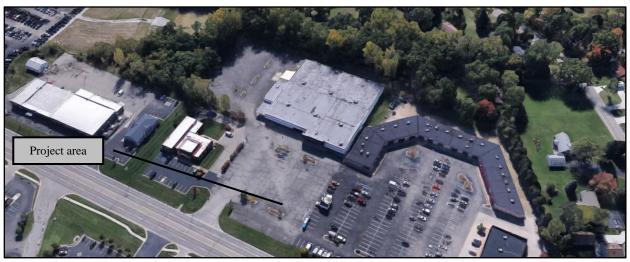
Later that month, the Township Board granted special land use and site plan approval with the conditions set forth by the Commission.

At this time, the applicant seeks to amend the project by not repaving the front parking lot. It is our understanding that the applicant's rationale is that they are looking to create and develop a future lot along Grand River Avenue.

Since the applicant seeks to remove a condition asserted by the Township Board, the amended site plan must follow the same review process. As such, the Commission is to review the request and put forth a recommendation to the Township Board on the amended site plan review.

The Board has final approval authority.

www.safebuilt.com 251



Aerial view of site and surroundings (looking south)

### C. Amended Site Plan Review

As noted above, the applicant seeks to remove the condition that the entire parking lot be pulverized and repaved so they may pursue a future lot/development along the Grand River frontage.

The remainder of the parking lot tied to the climate-controlled indoor storage business is to be pulverized and repaved.

Our concern with the request is twofold: the "potential future lot lines" depicted on the amended site plan do not constitute a compliant GCD lot and there is no indication of the timing to create/develop this site.

The intent behind the original proposal was to clean up a site that had lapsed into relatively poor condition, including the parking lots. Pulverizing and repaving all of the parking areas was needed to improve the overall site conditions.

If the applicant wishes to avoid the added cost of re-doing the front parking lot, they should provide the Commission with a project timeline to develop this portion of the site. Theoretically, the site's frontage could remain in poor condition unless/until a development is approved.

Additionally, the manner in which the site's frontage is redeveloped is an important consideration. If the applicant wishes to pursue a land division, then a newly created lot must provide a minimum width of 150 feet with a minimum area of 1 acre. What is depicted is well short of a compliant lot.

As an alternative to leaving the front of the site as-is, we suggest the applicant consider removing the pavement and replacing it with sod/landscaping.

If the Township is amenable to this approach, it would clean the site up while also saving the applicant the cost of repaving/replacing a parking lot that may not be used for a period of time.

Should you have any questions concerning this matter, please do not hesitate to contact our office.

Respectfully,

SAFEBUILT

Brian V. Borden, AICP Michigan Planning Manager

252



August 30, 2022

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

Re: Grand River Self Storage Site Plan Review No. 3

Dear Ms. Van Marter:

Tetra Tech conducted a third review of the proposed Grand River Self Storage site plan last dated August 22, 2022. The plans were prepared by Greentech Engineering, Inc. on behalf of Schafer Construction. The site is located on the south side of Grand River Avenue, east of Chilson Road. The Petitioner is proposing to improve an existing building (formerly "Great Escape") to be used as indoor storage. The proposed improvements include updates to the existing building and minimal improvement to the existing parking lot and access drives. We offer the following comments:

# **GENERAL**

- 1. Approval should be obtained by the Brighton Area Fire Authority prior to site plan approval. The proposed plan shows an additional hydrant being installed on the northwest side of the building. It is our understanding that this will satisfy the fire department for hydrant coverage.
- 2. The proposed access to the existing southeast parking area has been revised to not infringe on the adjacent parcel. Additional paving and curbing is proposed on the petitioner parcel to create the access drive.
- 3. The Livingston County Health Department has indicated that the existing well on site should be properly abandoned by a registered water well driller. A note stating the well abandonment has been added to the site plan.

# DRAINAGE AND GRADING

1. The proposed improvements slightly decrease the impervious surface of the site, and no additional detention should need to be provided as part of the improvements.

It appears the site plan has been revised to address our comments from our previous letters. Therefore we have no engineering related objections to the plan approval.

Sincerely,

Gary J. Markstrom, P.E.

Vice President



# BRIGHTON AREA FIRE AUTHORITY

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

September 7, 2022

Kelly VanMarter Genoa Township 2911 Dorr Road Brighton, MI 48116

RE: Grand River Self Storage

2630 E. Grand River Genoa Twp., MI

Dear Kelly:

The Brighton Area Fire Department has reviewed the above-mentioned site plan. The plans were received for review on August 29, 2022 and the drawings are dated August 22, 2022. The previously approved site plan has been revised to remove the pulverize and pave from the front parking lot. The plan review is based on the requirements of the International Fire Code (IFC) 2021 edition.

The fire authority has no opposition to the proposed elimination of the parking lot surface improvement at the front of the building.

Additional comments will be given during the building plan review process (specific to the building plans and occupancy). The applicant is reminded that the fire authority must review the fire protection systems submittals (sprinkler & alarm) prior to permit issuance by the Building Department and that the authority will also review the building plans for life safety requirements in conjunction with the Building Department.

If you have any questions about the comments on this plan review please contact me at 810-229-6640.

Cordially,

Rick Boisvert, CFPS Fire Marshal

cc:Amy Ruthig amv@aenoa.ora

# **BENCHMARKS:**

SITE BM #1

ELEVATION: 963.72 N.A.V.D.88

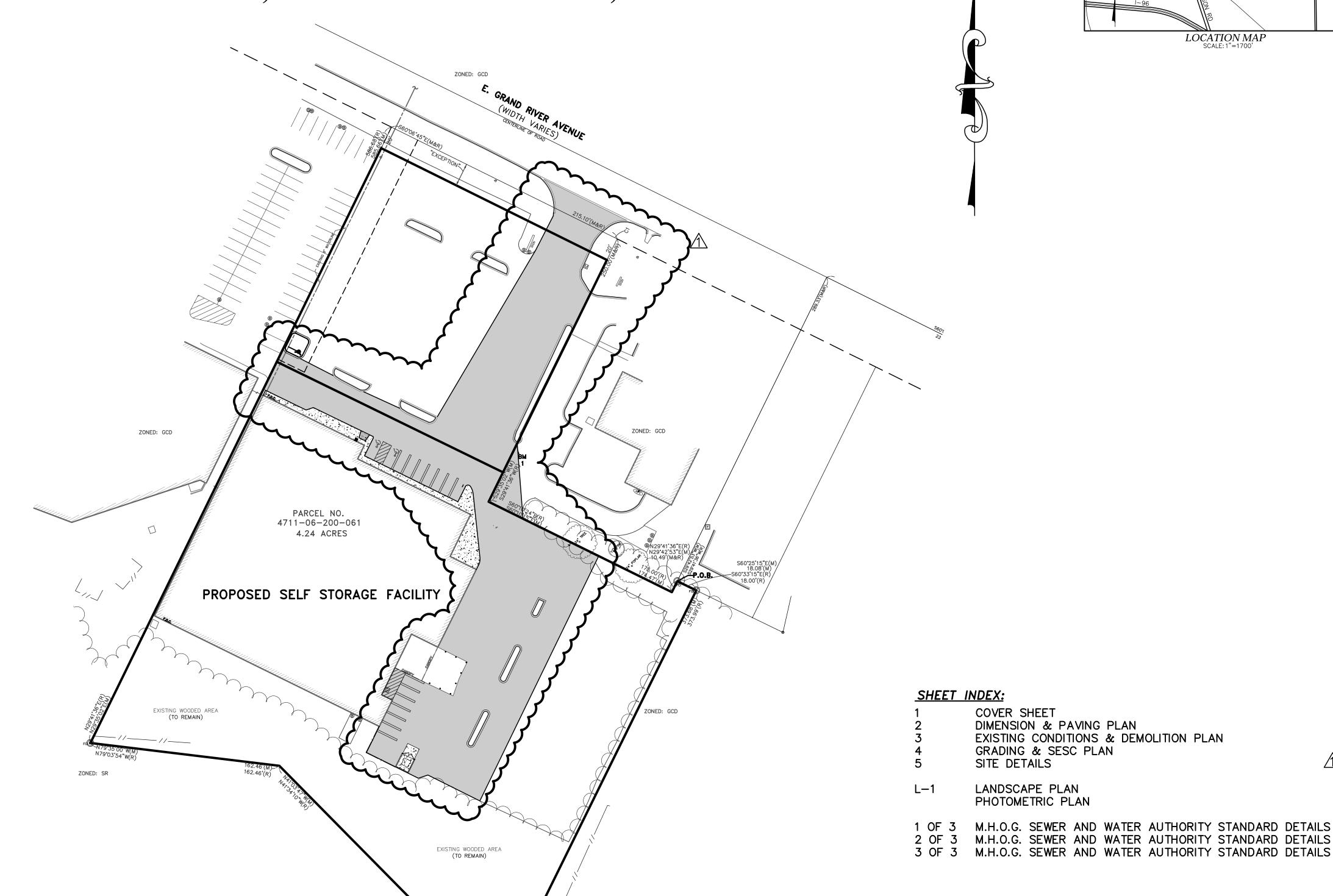
# **CONSTRUCTION PLANS**

# GRAND RIVER SELF STORAGE

2630 GRAND RIVER AVENUE GENOA TOWNSHIP, LIVINGSTON COUNTY, MICHIGAN

ZONED: SR

N70°44'43"W(R) 11.82'(R)



TRANSPORTATION CORR 3/2014.

**GENERAL NOTES:** 

1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH

THE CURRENT STANDARDS AND SPECIFICATIONS OF GENOA TOWNSHIP.

3. CONTRACTOR TO OBTAIN ALL REQUIRED APPROVALS AND PERMITS

UNDERGROUND UTILITIES WHICH MIGHT AFFECT THIS JOB.

PRIOR TO THE START OF CONSTRUCTION.

2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY AND/OR OBTAIN ANY INFORMATION NECESSARY REGARDING THE PRESENCE OF

PART OF THE NORTHEAST 1/4 OF SECTION 6, T2N-R5E, GENOA TOWNSHIP, LIVINGSTON COUNTY, MICHIGAN, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCING AT THE EAST 1/4 CORNER OF SAID

SECTION 6; THENCE NO2°17'07"E 594.63 FEET TO THE CENTERLINE OF GRAND RIVER AVENUE THENCE N60°39'00"W ALONG SAID CENTERLINE 2381.67 FEET; THENCE CONTINUING ALONG SAID CENTERLINE

N60°06'45"W 224.71 FEET; THENCE S29°41'36"W 289.33 FEET TO THE POINT OF BEGINNING; THENCE

S60°33'15"E 18.00 FEET; THENCE S29°41'36"W 373.99 FEET; THENCE N70°44'43"W 11.82 FEET; THENCE

211.40 FEET; THENCE CONTINUING ALONG RIGHT-OF-WAY ALONG THE ARC OF A CURVE LEFT CHORD

AND SUBJECT TO ANY EASEMENTS OR RESTRICTIONS OF RECORD. SPLIT FROM 019 EXCEPTING THE

BEARING S60°06'50"E 3.60 FEET; THENCE S29°41'36"W 250.00 FEET; THENCE S60°10'24"E 175.00 FEET;

THENCE N29°41'36"E 10.49 FEET TO THE POINT OF BEGINNING, CONTAINING 4.24 ACRES, MORE OR LESS,

NORTHEASTERLY 20 FEET AND PARALLEL TO GRAND RIVER, AS DEEDED TO THE MICHIGAN DEPARTMENT OF

N41°34'10"W 256.11 FEET; THENCE N79°03'54"W 162.46 FEET; THENCE N29°41'36"E 586.68 FEET TO THE SOUTHERLY RIGHT-OF-WAY OF GRAND RIVER AVENUE; THENCE ALONG SAID RIGHT-OF-WAY S60°06'45"E

CONSTRUCTION SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK, OF PERSONS ENGAGED IN THE WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AS DISCLOSED BY AVAILABLE UTILITY COMPANY RECORDS AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE COMPANY. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER IMMEDIATELY IF A CONFLICT IS APPARENT.



**APPLICANT**:

SCHAFER CONSTRUCTION AARON AMUCHASTEGUIAJCSV, LLC 8616 MENDOCINO DRIVE BRIGHTON, MI 48393 AUSTIN, TX 78735 CONTACT: MATT VETTER PHONE: (805)-904-8369

OWNER:

150 N. FIRST STREET, SUITE 100 51147 PONTIAC TRAIL PHONE: (810) 220-0296

**ENGINEER/SURVEYOR:** GREENTECH ENGINEERING, INC.

WIXOM, MI 48393 CONTACT: DAN LECLAIR, P.E. (248) 668-0700

DATE: 8-22-2022 DRAWN BY: RMS CHECKED BY: DJL

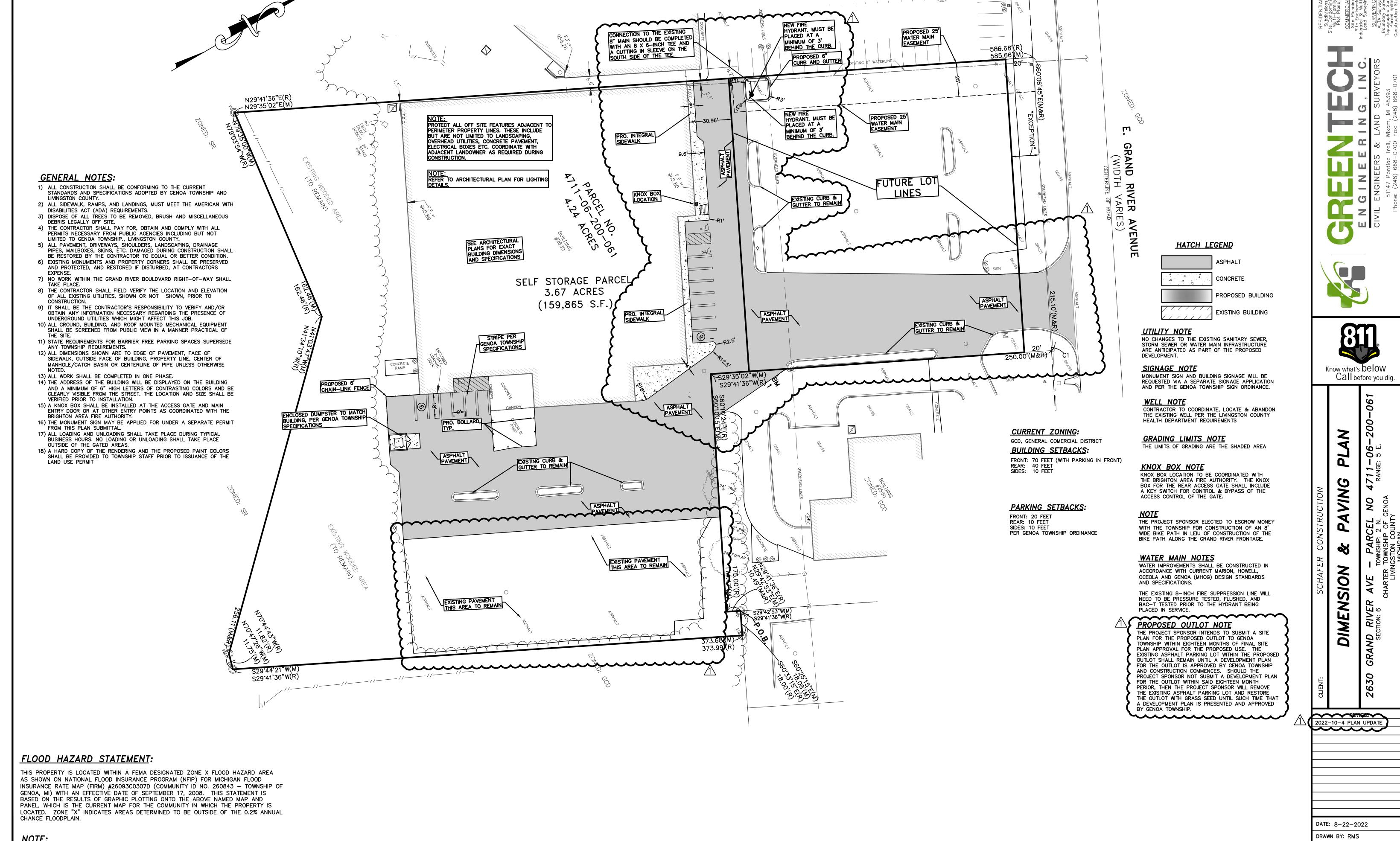
0

2022-10-4 PLAN UPDATE

FBK: --

SCALE HOR 1"= 50 FT. VER 1"= -- FT.

L.C.D.C. JOB NO. PSCREV2002-00041



THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AS DISCLOSED BY AVAILABLE UTILITY COMPANY RECORDS AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE COMPANY. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING

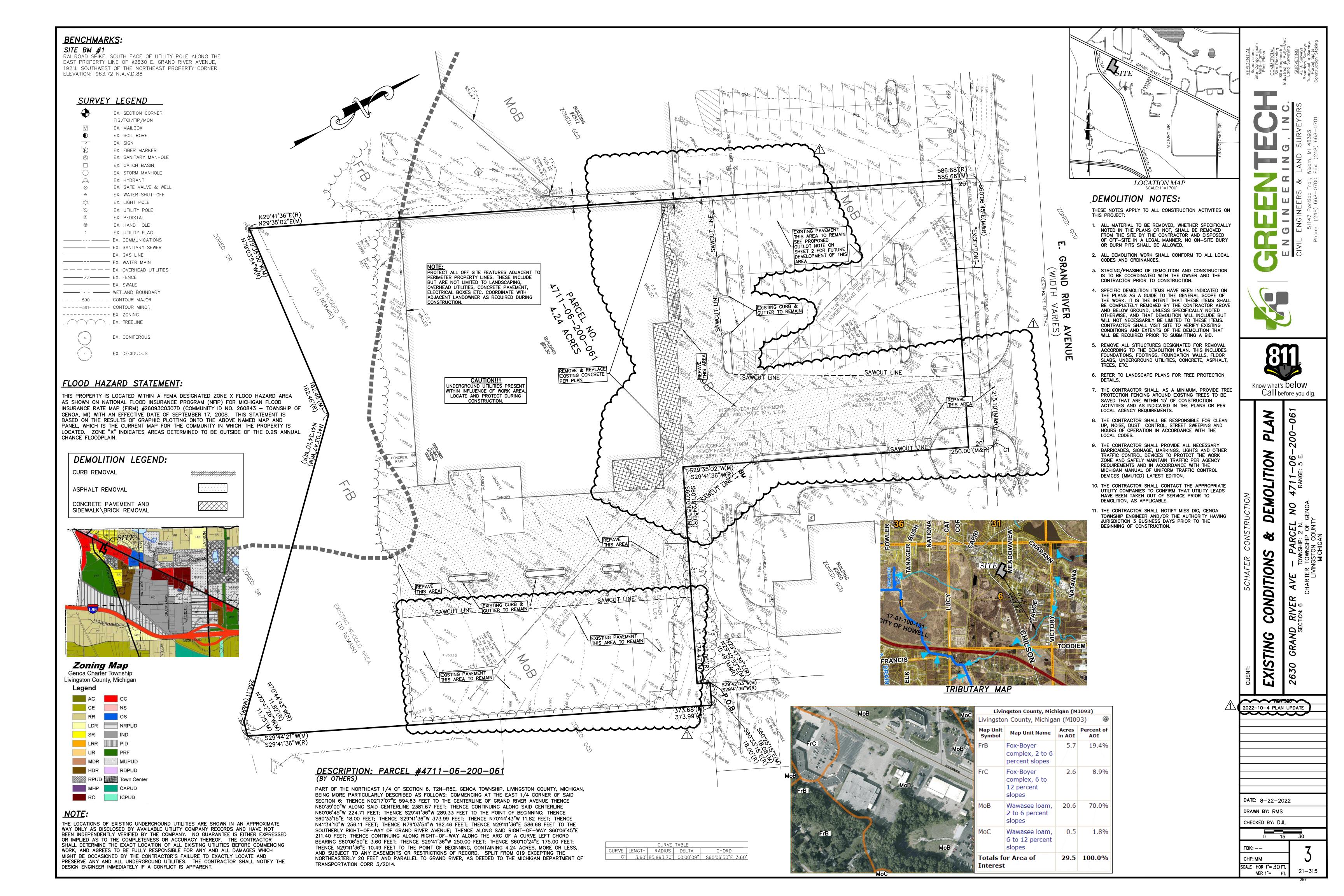
WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND

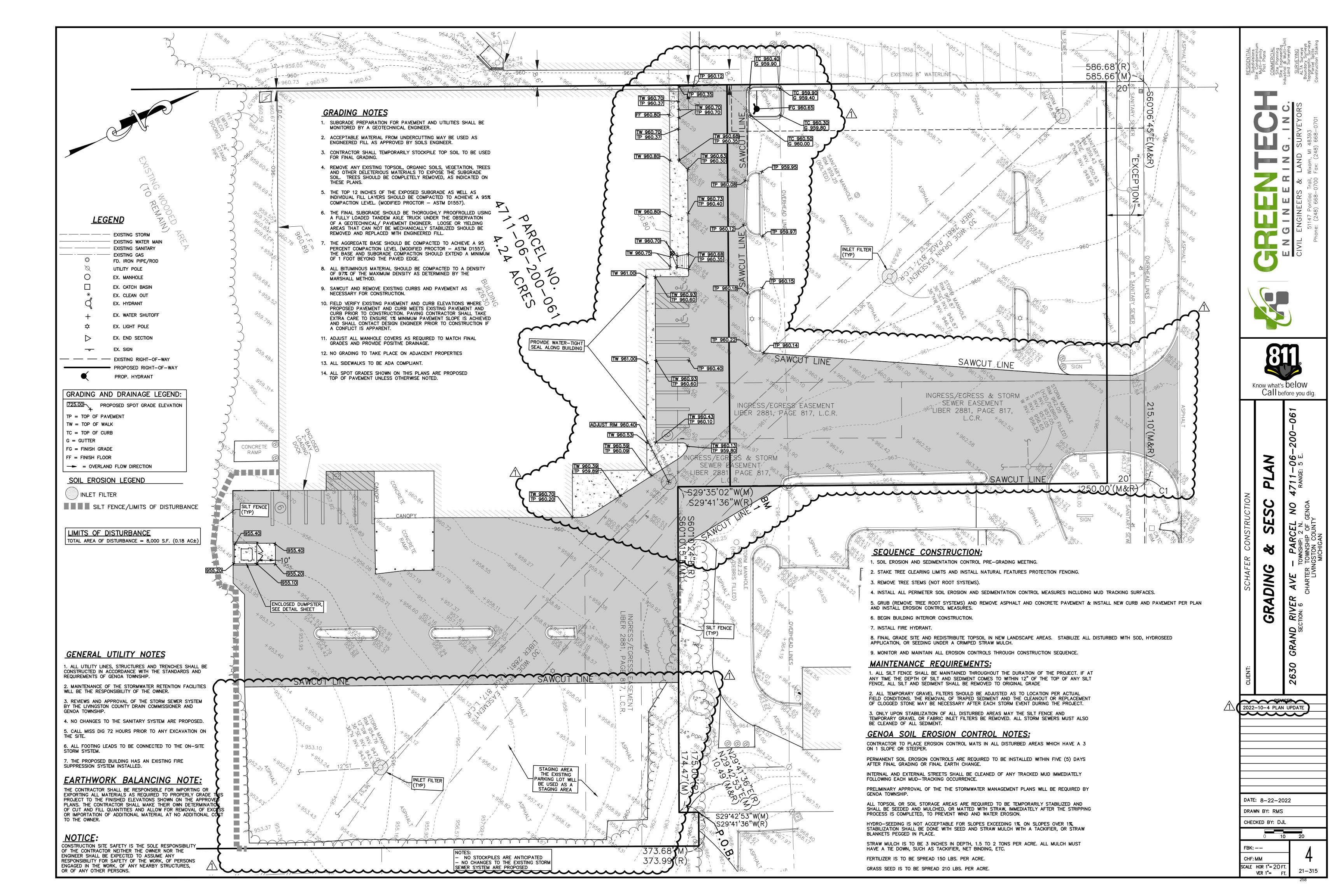
DESIGN ENGINEER IMMEDIATELY IF A CONFLICT IS APPARENT.

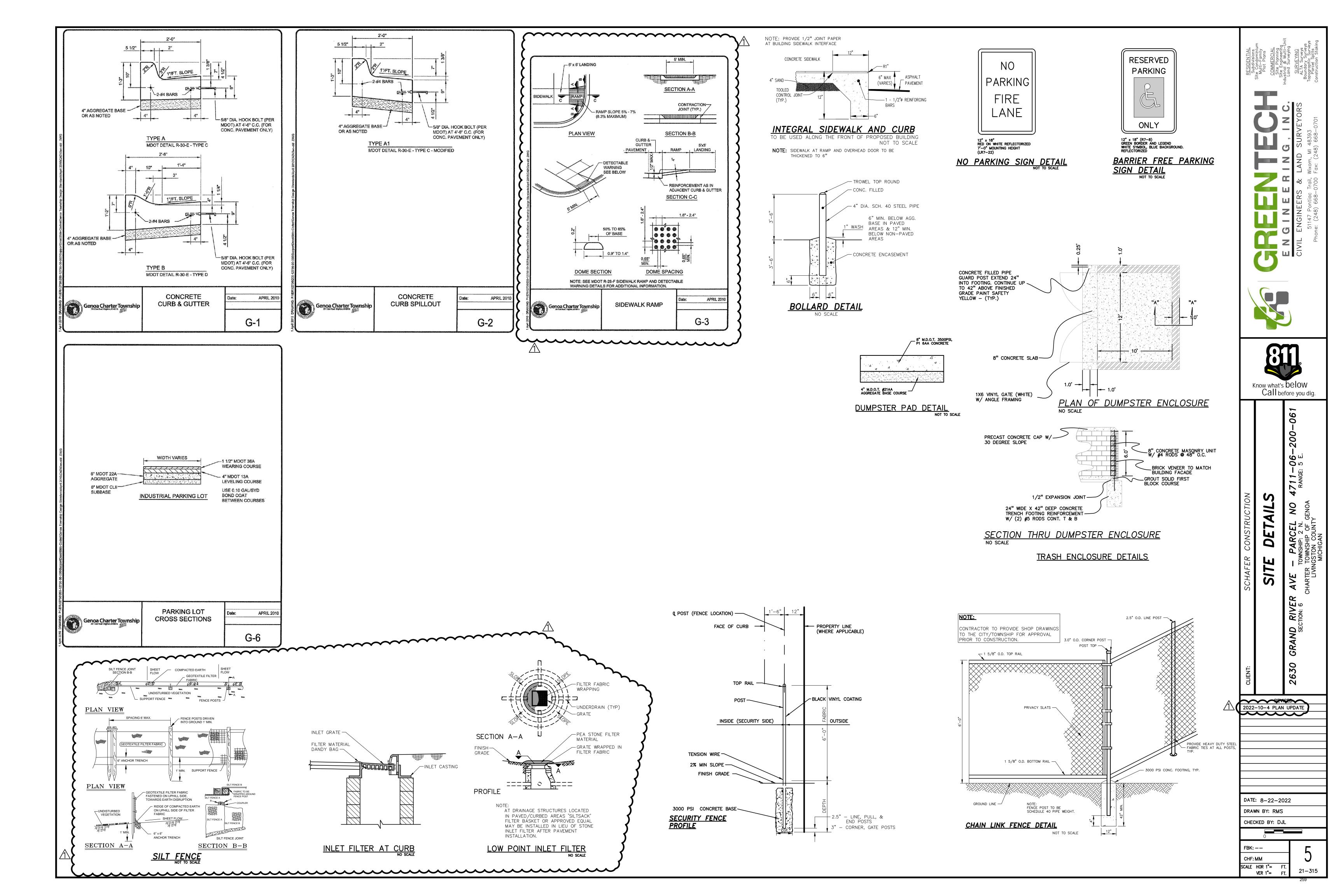
PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL NOTIFY THE

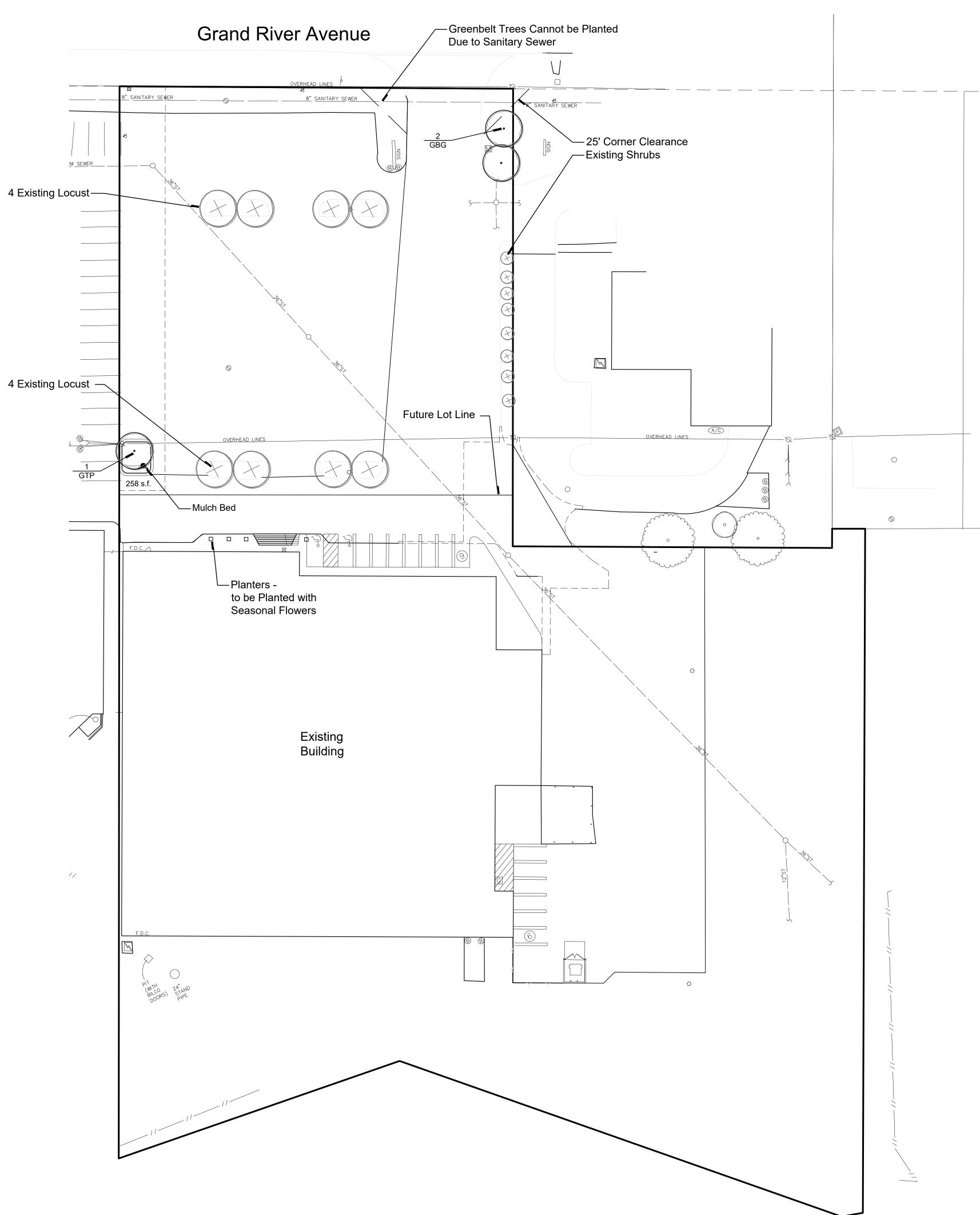
CHECKED BY: DJL FBK: --

CHF: MM SCALE HOR  $1^{\circ}$  = 30 FT. VER 1"= |









**Landscape Summary** 

Greenbelt Length Trees Required Trees Provided

1.75 Trees (70' / 40') 2 Trees

Parking Lot Landscaping

Total Proposed Spaces Landscape Area Required Landscape Area Proposed Trees Required Trees Provided

15 Spaces

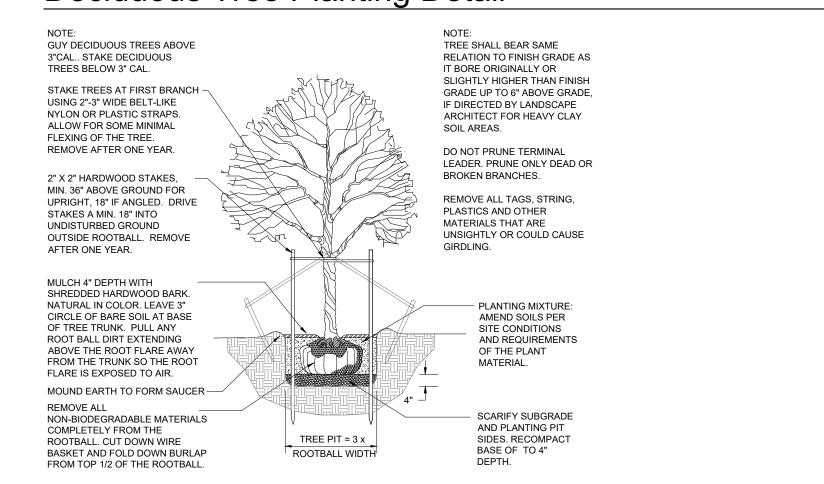
150 s.f. (15 / 10) x 100 258 s.f. 1.5 Trees (15 / 10) 9 Trees (8 Existing)

# Plant List

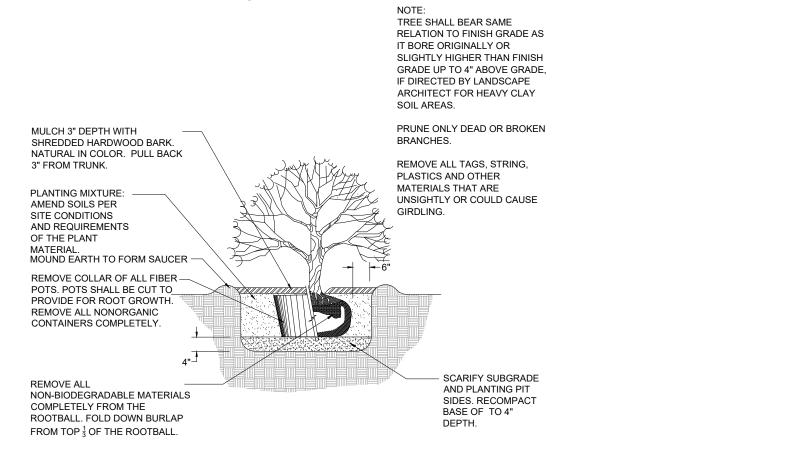
sym.	qty.	botanical name	common name	caliper	spacing	root	height
reenb	elt Tre	es					
GBG	2	Ginko biloba 'Fastigiata'	Upright Ginko	2.5"	as shown	B&B	
arking	Lot T	rees					
GTP	1	Acer x freemanii 'Armstrong'	Armstrong Maple	2.5"	as shown	B&B	

All Landscaped Areas Shall be Provided with an **Automatic Underground Irrigation System** 

# Deciduous Tree Planting Detail



# **Shrub Planting Detail**



# Planter

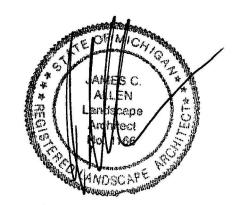


Mainville VRDK 1013 Color: Black 28" x 27" x 27" Size:

Know what's **below. Call** before you dig.

LAND PLANNING / LANDSCAPE ARCHITECTURE 557 Carpenter Northville, Michigan 48167 e. jca@wideopenwest.com t. 248.467.4668

Seal:



Title:

# Landscape Plan

Project:

# **Grand River Storage** Genoa Township, Michigan

Prepared for:

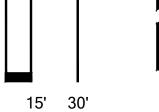
Greentech Enginerring 51147 Pontiac Trail Wixom, Michigan 48393 248.668.0700

Issued:
January 25, 2022
April 19, 2022
May 2, 2022
June 1, 2022
August 24, 2022
October 6, 2022

Job Number:

22-008

Drawn By: Checked By: jca



1"=30'

Sheet No.



Height H2:

27 lbs (12.2 kg)

NLTAIR2 nLight AIR generation 2 enabled 13

PIRHN Network, high/low motion/ambient sensor 11

PIRM Network, high/flow motion/ambient sensor

PER NEMA twist-lock receptacle only (controls ordered separate) 

PIRTECAV High/flow, motion/ambient sensor, 8 ambient sensor enabled at 16 and 10 ambient sensor enabled at 16 a

Introduction The modern styling of the D-Series is striking yet unobtrusive - making a bold, progressive statement even as it blends seamlessly with its environment. The D-Series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire. The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. It is ideal for replacing up to 750W metal halide in pedestrian and area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

HS House-side shield 27

BS Bird spikes 34 EGS External glare shield

PIRH High/low, motion/ambient sensor, 15-30/mounting height, ambient sensor enabled at 5fc <sup>20,21</sup> PIRH high/low, motion/ambient sensor, 15-30/mounting height, ambient sensor enabled at 5fc <sup>20,21</sup> PIRH high/low, motion/ambient sensor, 15-30/mounting height, ambient sensor enabled at 5fc <sup>20,21</sup> PIRH high/low, motion/ambient sensor, 15-30/mounting height, ambient sensor enabled at 5fc <sup>20,21</sup> PIRH high/low, motion/ambient sensor, 15-30/mounting height, ambient sensor enabled at 5fc <sup>20,21</sup> PIRH high/low, motion/ambient sensor enabled at 5fc

DSX1 LED					
ieries	LEDs	Color temperature	Distribution	Voltage	Mounting
DSX1 LED	Forward optics P1 P41 P71 P2 P51 P8 P3 P61 P91 Rotated optics P102 P122 P112 P1332	30K 3000 K 40K 4000 K 50K 5000 K	T1S Type I short (Automotive) T2S Type II short T2M Type II medium T3S Type III short T3M Type III medium T4M Type II medium T4M Type IV medium T5S Type V very short 1 T5W Type V medium T5W T5W Type V medium T5W	MVOLT'S XVOLT (277V-480V) K-24 120° 208' 240'S 277' 347' 480°	Shipped included  SPA Square pole mounting  RPA Bound pole mounting  WBA Wall bracket '  SPUMBA Square pole universal mounting adaptor  Shipped separately  KMAB DDBXD U Mast amm mounting bracket adaptor  (specify finish). <sup>12</sup>

PERS Five-pin receptade only (controls ordered separate) <sup>15,16</sup>
PERF Seven-pin receptade only (controls ordered separate) <sup>15,16</sup>
PERF Seven-pin receptade only (controls ordered separate) <sup>15,16</sup>
PIRHTFC3V PIRHTFC3V Pievel, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 16; <sup>20,17</sup>
PIRHTFC3V Pievel, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 16; <sup>20,17</sup>
PIRHTFC3V Pievel, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 16; <sup>20,17</sup>
PIRHTFC3V Pievel, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 16; <sup>20,17</sup>
PIRHTFC3V Pievel, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 16; <sup>20,17</sup>
PIRHTFC3V Pievel, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 16; <sup>20,17</sup>
PIRHTFC3V Pievel, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 16; <sup>20,17</sup>
PIRHTFC3V Pievel, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 16; <sup>20,17</sup>
PIRHTFC3V Pievel, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 16; <sup>20,17</sup>
PIRHTFC3V Pievel, motion/ambient sensor, 15-30' mounting height, ambient sensor, 15-30' mounting height, ambient

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	LITHONIA LIGHTING	



			CE US		DLC
Specifi	cations	,	STATE OF THE PARTY	NIGHTINE FRENDLY	
		7		± (0)	
		Front View		Side View	
Luminaire	Height (H)	Width (W)	Depth (D)	Side Conduit Location	Weight

Hit the Tab key or mouse over th	in page to see all lateractive elements.
Introductio	n
effective, and for both HID construction the WPX fam	O wall packs are energy-efficient, cost- l aesthetically appealing solutions wall pack replacement and new opportunities. Available in three sizes, ily delivers 1,550 to 9,200 lumens with m distribution.
footprint of the replace, provupgraded ap	cut-off solutions fully cover the ne HID glass wall packs that they iding a neat installation and an pearance. Reliable IP66 construction LED lumen maintenance ensure a

				A	В			and excellent LED lu	men ma	intenance ensure a
VPX1	8.1"(20.6 cm)	11.1" (28.3 cm)	3.2" (8.1 cm)	4.0" (10.3 cm)	0.6" (1.6 cm)	6.1 lbs (2.8kg)		long service life. Pho	tocell ar	nd emergency egress
VPX2	9.1"(23.1 cm)	12.3" (31.1 cm)	4.1" (10.5 cm)	4.5" (11.5 cm)	0.7" (1.7 cm)	8.2 lbs (3.7kg)	battery options make vvi Andear for every		deal for every wall	
VPX3	9.5" (24.1 cm)	13.0° (33.0 cm)	5.5" (13.7 cm)	4.7" (12.0 cm)	0.7" (1.7 cm)	11.0 lbs (5.0kg)				
rdei	ing Info	rmation						EXAMPLE: WP	X2 LED	40K MVOLT DDBXD
ies			Color Temp	perature	Voltage		Options		Finish	
PX1 LED I	1,550 Lu	mens, 11W1	30K 300	OK	MVOLT 120	OV - 277V	(blank)	None	DDBXD	Dark bronze
PX1 LED I	2,900 Li	imens, 24W	40K 400	OK	347 347	7 <b>Y</b> 1	E4WH	Emergency battery backup, CEC compliant	DWHXD	White
PX2 LED	6,000 Li	imens, 47W	50K 500	OK			F4.4146	(4W, Ö°C min) <sup>2</sup>	DBLXD	Black
PX3 LED	9,200 Lu	mens, 69W					E14WC	Emergency battery backup, CEC compliant (14W, -20°C min) <sup>1</sup>	Note : For	other options, consult factory.
							PE	Photocell <sup>3</sup>		
		and input powe				t.	Sample 2. Batter	X wall packs come with 6kV surge protect comes with 2.5kV surge protection stand of surge protection. e nomenclature: WPX1 LED P1 40K MVO y pack options only available on WPX1 ar y pack options not available with 347V ar	LT SPD6KV	DDBXD

TURES & SPECIFICATIONS	
ITENDED USE  Ite WPX LED will packs are designed to provide a cost-effective, energy-efficient solution for so one-for-one replacement of existing HID wall packs. The WPX1, WPX2 and WPX3 are ideal replacing up to 150W, 250W, and 400W HID luminaires respectively. WPX luminaires deliver a lifety wide distribution. WPX is rated for -40°C.	INSTALLATION  WPX can be mounted directly over a standard electrical junction box. Three 1/2 inch cor on three sides allow for surface conduit wiring. A port on the back surface allows poke-tl conduit wiring on surfaces that don't have an electrical junction box. Wiring can be mad integral wiring compartment in all cases. WPX is only recommended for installations with facing downwards.
DNSTRUCTION  FK feature a die-cast aluminum main body with optimal thermal management that both inhances LED efficacy and extends component life. The luminaires are IP66 rated, and sealed gainst moisture or environmental contaminants.  LECTRICAL  JECTRICAL  JECTRI	LISTINGS  CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. IP66 Rate Designifyths Consortium® (DLC) qualified product. Not all versions of this product may qualified. Please check the DLC Qualified Products List at www.daw.gnl.ghts.org/DE, to which versions are qualified. International Dark Styl Association (DA) Extruse Seal of App (FSA) is available for all products on this page utilizing 3000K color temperature only.  WARRANTY  Syeen limited warranty. Complete warranty terms located at:  www.acustybrands.com/CustomerResources/Terms.and.conditions.associated.
ote: The standard WPX LED wall pack luminaires come with field-adjustable drive current ature. This feature allows tuning the output current of the LED drivers to adjust the lumen tbut Ito dim the luminaire).	Note: Actual performance may differ as a result of end-user environment and application All values are design or typical values, measured under laboratory conditions at 25°C. Specifications subject to change without notice.

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Statistics							
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min	Avg/Max
Grade @ 0'	+	0.5 fc	6.2 fc	0.0 fc	N/A	N/A	0.1:1
Parking	ж	1.6 fc	4.8 fc	0.2 fc	24.0:1	8.0:1	0.3:1
Property Line	+	0.2 fc	0.7 fc	0.0 fc	N/A	N/A	0.3:1
EAST PARKING LOT	Ж	1.0 fc	4.4 fc	0.1 fc	44.0:1	10.0:1	0.2:1

HA 50°C ambient operations

BAA Buy America(n) Act Compliant DWHGXD Textured white

Rev. 07/19/21 Page 1 of 8

Schedule						
Symbol	Label	Quantity	Manufacturer	Catalog Number	Lamp	Light Loss Factor
	P1	5	Lithonia Lighting	DSX1 LED 40K MVOLT	LED	0.9
	P2	2	Lithonia Lighting	DSX1 LED 40K MVOLT	LED	0.9
	W2	3	Lithonia Lighting	WPX2 LED 40K Mvolt	LED	0.9

# **General Note**

- 1. SEE DRAWING FOR LUMINAIRE MOUNTING HEIGHT.
- 2. CALCULATIONS ARE SHOWN IN FOOTCANDLES AT: 0' 0"
- 3. LIGHTING ALTERNATES REQUIRE NEW PHOTOMETRIC CALCULATION AND RESUBMISSION TO CITY FOR APPROVAL.

THE ENGINEER AND/OR ARCHITECT MUST DETERMINE APPLICABILITY OF THE LAYOUT TO EXISTING / FUTURE FIELD CONDITIONS. THIS LIGHTING LAYOUT REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRE MAY VARY DUE TO VARIATION IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, AND OTHER VARIABLE FIELD CONDITIONS. MOUNTING HEIGHTS INDICATED ARE FROM GRADE AND/OR FLOOR UP.

THESE LIGHTING CALCULATIONS ARE NOT A SUBSTITUTE FOR INDEPENDENT ENGINEERING ANALYSIS OF LIGHTING SYSTEM SUITABILITY AND SAFETY. THE ENGINEER AND/OR ARCHITECT IS RESPONSIBLE TO REVIEW FOR MICHIGAN ENERGY CODE AND LIGHTING QUALITY COMPLIANCE.

UNLESS EXEMPT, PROJECT MUST COMPLY WITH LIGHTING CONTROLS REQUIRMENTS DEFINED IN ASHRAE 90.1 2013. FOR SPECIFIC INFORMATION CONTACT GBA CONTROLS GROUP AT ASG@GASSERBUSH.COM OR 734-266-6705.

FOR ORDERING INQUIRIES CONTACT GASSER BUSH AT QUOTES@GASSERBUSH.COM OR 734-266-6705.

THIS DRAWING WAS GENERATED FROM AN ELECTRONIC IMAGE FOR ESTIMATION PURPOSE ONLY. LAYOUT TO BE VERIFIED IN FIELD BY OTHERS.

MOUNTING HEIGHT IS MEASURED FROM GRADE TO FACE OF FIXTURE. POLE HEIGHT SHOULD BE CALCULATED AS THE MOUNTING HEIGHT LESS BASE HEIGHT.

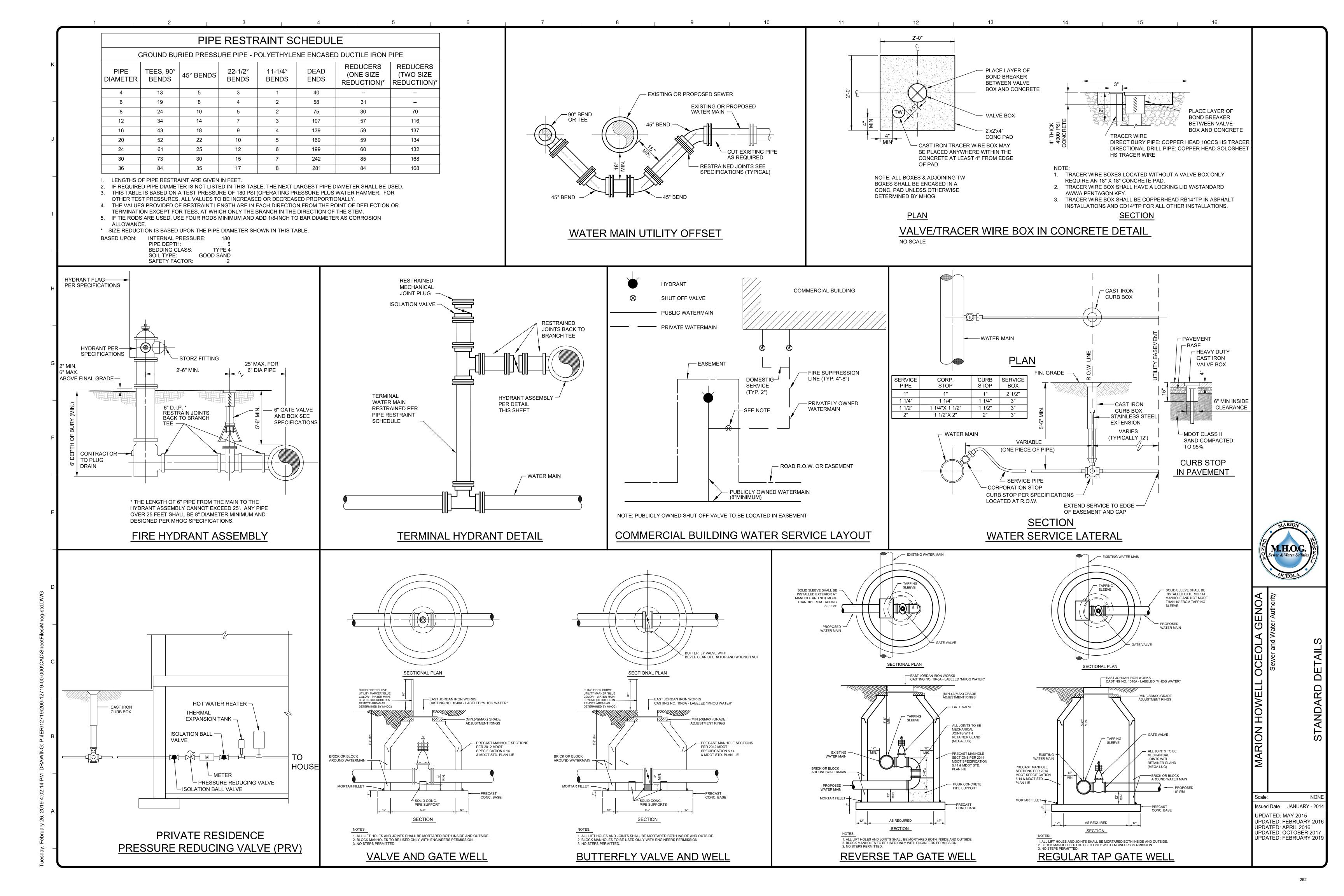
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opportunities. Available in three sizes,		+ + + + +	
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the HID glass wall packs that they			
viding a neat installation and an		0.0 0.0 0.0 0.0 0.0 0.0	$\begin{bmatrix} 0.1 & 0.1 & 0.1 & 0.0 & 0.0 & 0.0 & 0.0 & 0.0 \end{bmatrix}$
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PLE: WPX2 LED 40K MVOLT DDBXD			0.3 0.4 0.4 0.3 0.3 0.2 0.2 0.1 0.1 0.1 0.1 0.0 0.0 0.0 0.0 0.0 0.0
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Compliant DWHXD White	9	or \ / \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	0.6 0.8 0.9 1.0 0.9 0.8 0.8 0.5 0.6 0.5 0.3 0.2 0.2 0.2 0.1 0.1 0.1 0.0 0.0 0.0 0.0 0.0
DBLXD Black	χ.	+0000000000000000000000000000000000000	$\begin{array}{c} \begin{pmatrix} & & & & \\ 0.9 & 1 \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ \end{array} \begin{array}{c} \begin{pmatrix} & & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & & \\ & & \\ & & & \\ & & \\ & & \\ & & & \\ & & \\ & & & \\ & $
C compliant Note: For other options, consult factory.		+ + + + + + AGE+ + AGEN WHO	V → BTNV NV № 49 68 × × × × × × × × × × × × × × × × × ×
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	+ + +	0 0 0 0 0 0 0 0 0 0 1 0 1 0 1 0 2 0 2 0	*\(\frac{1}{3}\) \(\frac{1}{3}\) \(\frac{1}\) \(\frac{1}{3}\) \(\frac{1}{3}\) \(\frac{1}{3}\)
surge protection standard, except WPX1 LED P1 package tection standard. Add SPD6KV option to get WPX1 LED P1	geh A O C	0.0 0.0 0.0 0.1 0.1	1.3 1.9 2.2 2.4 2.5 2.4 2.5 2.0 1.8 1.5 1.2 0.9 0.4 0.5 0.2 0.2 0.1 0.1 0.1 0.0 0.0 0.0 0.0 0.0 0.0
P1 40K MVOLT SPD6KV DDBXD	0.0	.0 0 0 0 0 0.1 0.1 0.1 0.2 0 3 0 6.5 0.8 1.4	1.0 2.1 2.6 3.1 3.2 2.9 2.9 2.5 2.3 2.0 1.0 1.0 1.2 1.0 1.3 0.2 0.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
e on WPX1 and WPX2. with 347V and PE options.	+ + +	+ + + + + + + + + + + + + + + + + + + +	*1.9\23\2.8\4\4\4.1\3.4\3.3\3.3\1\2.9\2.5\2.1\1,6\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
			GRADO / GRAD / GRAD / GRAD / GRAD / GRADO / GRADO / GRADO / GRADO / GRADO / GR
	+0.0+0.0+0.0+0.0+0.0+0.0+0.0+0.0+0.0+0.	0.1 +0.1 +0.2 +0.2 0.2 0.5 0.5 0.7 1.0 1.4	*1.9 *2.4 *3.3 *4.6 3) 6 *3.2 *3.5 *3.5 *3.2 *2.9 *2.5 *2.1 <del>/</del> 1.6 <del>/</del> 1.2 *0.8 *0.6 *0.4 *0.2 *0.1 *0.2 *0.1 *0.0 *0.0 *0.0 *0.0 *0.0 *0.0 *0.0
a standard electrical junction box. Three 1/2 inch conduit ports	4.4.4		
duit wiring. A port on the back surface allows poke-through 't have an electrical junction box. Wiring can be made in the		, dela	1.8 2.3 2.8 3.3 3.4 3.4 3.5 3.4 3.7 3.8 2.8 2.8 2.8 1.3 0.9 0.6 0.4 0.3 0.2 6.1 0.1 0 7 0 1.5 0.0 1 0.
ases. WPX is only recommended for installations with LEDs		1 0.1 0.1 0.2 0.2 0.8 0.4 * 0.5 0.7 0.9 1.2	1,6 2.0 2.5 2.9 3.2 3.4 3.5 3.5 3.8 4.8 3.3 2.4 1.9 1.3 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
adian standards. Suitable for wet locations. IP66 Rated. ualified product. Not all versions of this product may be DLC	0.0 0.0 0.0 0.0	.1 0.1 0.2 0.2 0.3 0.4 0.4 0.5 0.7 0.8 1.0	1.3 1.6 2.9 2.4 2.7 2.9 3.2 3.2 3.2 4 1.3 9 2.3 2.2 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2
alified Products List at <a href="www.designlights.org/OF">www.designlights.org/OF</a> , to confirm tional Dark Sky Association (IDA) Fixture Seal of Approval	* 425 h. 1	1 + 0 1 + 6 = 0 2 + 0 4 + 0 5 + 0 6 + 0 6 + 0 7 + 0 6	ች! 1 1.3 *\
this page utilizing 3000K color temperature only.	.4	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
varranty terms located at:	0.0 0.0 0.0 0.0 0	.1 '0.1, 0.2 '0.3 M4 0.5 0.6 0.6 0.7 0.7 0.8 0	6.9 *\.1 *1.3 *\.5 *\.7 *\. 1 *\. 2.3 *2.3 *2.3 *2.3 *2.4 *1.7 *\.2 *\.2 *\.8 *0.5 *\.2 *\.0 *\.2 *\.0 *\.1 *\.0 *\.0 \.0 *\.0 *\.0 *\.0 *\.0 *\.0
er as a result of end-user environment and application.	000000000000000000000000000000000000000	1 + 0 1 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0	*0.9 *1.0 *1.1 \( \) \(
as, measured under laboratory conditions at 25°C. shout notice.	0.00.00.000		
	0.0 0.0 0.0 0.0 0.0 0.0	. <del>[</del> [] 0.2   0.3   0.45 0.6	*1.0 *1.0 *1.0 *1.1 *1.2 *1.2 *1.3 *1.3 *1.3 *1.3 *1.3 *1.3 *1.3 *1.3
a.com WPX LED	+00+00+00+00+00+00+00+00	SANITARY MANHOLE  SANITARY MANHOLE  SANITARY MANHOLE  SANITARY MANHOLE  ***  ***  ***  ***  **  **  **  **	
Rev. 06/17/21		.1 7 / -0	
	+0.0+0.0+0.0+0.0+0.0+0.0+0.0+0.0+0.0+0.	<b>.1 0.2 6 1.9 1.3 1.6 1.9 1.9 1.9</b> 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	*1.7 *1.6 *1.5 *1.2 \ \ \frac{\pi_1}{2} \ \frac{\pi_1}{2} \ \frac{\pi_1}{2} \ \frac{\pi_1}{2} \ \frac{\pi_2}{2} \ \frac{\pi_1}{2} \ \frac{\pi_2}{2} \ \frac{\pi_1}{2} \ \frac{\pi_2}{2} \ \frac{\pi_1}{2} \ \frac{\pi_2}{2} \ \frac^
	· // \	- f-/n5	
	0.0 0.0 0.0 0.0 0.1 0.1 %	y u.p u.o u.f 1.1 1.6 2.1 2.3 2.5 2.6 2.5 2	2.3 2.1 1.8 1.5 3 1.1 0.9 0.8 0.7 0.6 0.6 0.5 0.4 0.3 0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0
	+0.0+0.0+0.0+0.0+0.0+0.0+0.1+0.1+0	.2 10,4 0.6 0.9 1.3 1.9 2.3 3.0 3.5 3.2 3.0 1	*2.8 *2.5 *2.3 *1.9 *1.6 *1.3 *1.0 *0.9 *0.7 *0.6 *0.5 *0.4 *0.3 *4.3 *4.2 *0.1 *0.4 *0.0 *0.0 *0.0 *0.0 *0.0 *0.0 *0.0
	0.0 0.0 0.0 0.0 0.0 0.1 0.1	. <b>p</b> ./U.5 U./ 1.1 1.5 2.1 2.6 2/8° <b>4</b> :8 3.9 3.4 3.4 3.9 3.9 3.4 3.9 3.9 3.4 3.9 3.9 3.4 3.9 3.9 3.4 3.9 3.9 3.4 3.9 3.9 3.4 3.9 3.9 3.9 3.9 3.9 3.9 3.4 3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.9	\$3.3 \ 3.1 \ \ 2.9 \ \ \ 2.5 \ \ 2.0 \ \ 1.6 \ \ 1 \ 3 \ \ 1.0 \ \ 0.8 \ \ 0.6 \ \ 0.5 \ \ 0.4 \ \ 0.3 \ \ 0.4 \ \ 0.3 \ \ 0.0 \ \ 2 \ \ 0.1 \ \ 0.1 \ \ 0.0 \
	+0.0+0.0+0.0+0.0+0.1+0.1+0.1+0.1+0.2+	7.3.0.5 *0.8 *1.1 *1.5 *2.1 *2.6 *3.8 *4.3 *3.4 *3.4 *	3.5 3.3 3.1 2.8 2.4 2.0 1.5 1.1 0.8 0.6 0.5 0.4 0.3 0.2 0.1 0.0 0.0 0
	0.0 0.0 0.0 0.0 0.1 0.1 0.9 0.0	0.7 1.0 1.4 2.0 2.4 2.9 3.2 3.4 3.5	3.5 3.9 3.8 2.6 2.1 1.6 1.2 0.8 0.6 0.4 0.3 0.4 0.3 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
	+0.0+0.0+0.0+0.0+0.0+0.0+0.0+0.0+0.0+0.	1.3-16 *2 1 *2 5 *2 0 *3 2 *3 5 *	*3.4 3.8 4.1 ** 2.8 *2.2 *1.7 \$2.2 0.8 *0.6 *0.4 *0/3 \$6.2 \dot 20.1 \dot 0.1 \dot 0.0 \dot 0
	THE DINC		
	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.6 20 2.4 2.6 2.9	*3.1 *3.3 *4.2 *3.5 *2.5 *2.0 *1.5 *1.0 *0.7 *0.4 *0.3 *0.4 *0.1 *0.1 *0.1 *0.1 *0.1 *0.1 *0.1 *0.1
	ZONED: GCD +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0	***	X X X X X X X X X X X X X X X X X X X
	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	F.F. = 960 Bd +1 7 +1 8 **	2.7 2.7 2.5 2.2 1.8 7 2 0.8 0.5 0.3 0.2 0.1 0.1 0.1 0.0 0.0 0.0
	<sup>†</sup> 0.0 <sup>†</sup>	960 80	2.0 2.2 2.1 1/8 1.5 7.0 0.7 0.4 0.3 0.1 0.1 0.1 0.0 9/0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
^	+0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0		+1.4 1.5 *1.6 *1.6 *1.3 *1.1 *0.9 *0.6 *0.4 *0.2 *1.2 *0.1 *0.1 *0.9 *0.0 *0.0 *1.0 *1.0 *1.0 *1.0 *1.0 *1.0
	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.3	1.4 1.5 1.6 1.6/1.3 1.1 0.9/10.6 0.4 0.2 0.1 0.1 0.1 0.5/0.0 0.0
	\(\sigma_0^+ \odot_0 \odot_0^+ \odot_0 \odot_0^+ \odot_0	+	1.0 \(^1.0\) 1.1 \(^1.0\) \(^1.0\) 1.1 \(^1.0\) \(^1.0\) 1.1 \(^1.0\)
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	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		0.5 0.5 0.4 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.0 0.0 0.0 0.0
	954.47		PETRIN MANUFORM V. D. V. D. V. C.
	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	PARCEL NO.	0.2 0.1 0.1 0.1 0.1 0.1 0.0 0.0 0.0 0.0 0.0
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`	+ + + + + + + + + + + + + + + + + + + +	4711-06-200-061	
	+0.0+0.0+0.0+0.0+0.0+0.0+0.0+0.0+0.0+0.	4.24 ACRES	+0.10.2 +0.3 +0.3 +0.3 +0.2 +0.2 +0.1 +0.1 +0.1 +0.1 +0.0 +0.0 +0.0 +0.0
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	+0.0+0.0+0.0+0.0+0.0+0.0+0.0+0.0+0.0+0.	BUILDING #2630	0.0 +0.1 0.1 0.3 0.4 0.5 0.6 0.6 +0.7 0.6 0.4 0.3 +0.3 +0.2 0.2 +0.1 0.2 +0.2 +0.2 +0.2 +0.2 +0.2 +0.2 +0.2
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	VA DOMESTER /		
	+0.0+0.0+0.0+0.0+0.0+0.0+0.0+0.0+0.0+0.		*6.2 *0.4 *0.6 *0.9 *\.1 *1.3 *1.9 *\. 2 \\ 2 \\ 0.6 \\ 0.4 \\ 0.6 \\ 0.9 \\ 0.1 \\ 0.0 \\ 0.
	./		*0.2 *0.3 *0.5 *0.8 *1.1 *1.5 *1.8 *1.9 *1.7 *1.8 *1.9 *1.7 *1.8 *1.9 *1.7 *1.8 *1.9 *1.7 *1.8 *1.9 *1.7 *1.8 *1.9 *1.7 *1.8 *1.9 *1.7 *1.8 *1.9 *1.7 *1.8 *1.9 *1.7 *1.8 *1.9 *1.7 *1.8 *1.9 *1.7 *1.8 *1.9 *1.7 *1.8 *1.9 *1.7 *1.8 *1.9 *1.7 *1.8 *1.9 *1.7 *1.8 *1.9 *1.7 *1.8 *1.9 *1.7 *1.8 *1.9 *1.7 *1.8 *1.9 *1.7 *1.8 *1.9 *1.9 *1.9 *1.9 *1.9 *1.9 *1.9 *1.9
	+\alpha \cdot \frac{1}{10} \cdot		0.2 0.3 0.5 0.8 1.1 1.3 1.8 1.9 1.7 1.3 (122 1.0 0.8 0.6 0.4 0.3 0.290 1 0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.
	+0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0		*0.2 *0.4 *0.6 *0.9 *1.4 *1/27 2.1 *2.3 *2.2 *2.0 *1.7 *1.2 *0.9 *0.6 *0.5 *0.3 *0.2 *0.1 *0.0 *0.0 *0.0 *0.0 *0.0 *0.0 *0.0
+0	0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0		70.2 *0.3 *0.5 *0.8 *1.1 *1.6 *(2.7 *3.2 *2.4 *2.3 *1.9 *1.4 *1.0 *0.7 *0.5 *0.3 *0/2 *0.1 *0.0 *0.0 *0.0 *0.0 *0.0 *0.0 *0.0
+0.	0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0		#0.2*0.4*0.6*0.9*1.3*\.8*22.33.3\\4.4*3.6*2.4*2.0*\.5*1.0*0.7*0.5*0.3\\0.2*\0.17\\0.07\\0.07\\0.00*\0.0\\0.0
+_ +	0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0		70.2 *0.3 *0.4 *0.6 *0.9 *1.3 *1.8 *2.2 *2 *8 *2.9 *3.3 *2.4 *1.9 *1.3 *0.9 *0.6 *0.4 *0.2 *0.1 *0.1 *0.0 *0.0 *0.0 *0.0 *0.0 *0.0
0.0 0	7.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0		
<sup>+</sup> 0.0 <sup>+</sup> 0	0,0 <sup>+</sup> 0,1,0 <sup>+</sup> 0,2 <sup>+</sup> 0,7 <sup>+</sup> 2,2 <sup>+</sup> 5,0 <sup>+</sup> 6,2 3		+0.3 +0.2 0.1 *0.2 0.3 *0.4 *0.6 *0.8 *1 1.6 *2.0 2 *2.4 *2.3 *2.4 *2.3 *2.4 *2.3 *2.4 *2.3 *2.4 *2.3 *2.4 *2.3 *2.4 *2.3 *2.4 *2.3 *2.4 *2.3 *2.4 *2.3 *2.4 *2.3 *2.4 *2.3 *2.4 *2.3 *2.4 *2.4 *2.3 *2.4 *2.4 *2.4 *2.4 *2.4 *2.4 *2.4 *2.4
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+0.0+0.0+0.0+0.0+0.0+0.0+0.0+0.0+0.0+0.	$0.0^{+}0.0^{+}0.0^{+}0.0^{+}0.0^{+}0.0^{+}0.0^{+}0.0^{+}0.0^{+}0.0^{+}0.0^{+}0.1^{+}0.1^{+}0.3^{+}0.6^{+}0.8^{+}0.3^{+}0.4^{+}0.2^{+}0.1^{+}$	<b></b>	1.9 \( \frac{1}{0.7} \) \( \frac{1}{0.7} \) \( \frac{1}{0.7} \) \( \frac{1}{0.7} \) \( \frac{1}{0.0} \) \(
	/0.0		// `Z.\\ APDUALE / // 0.1
0.0 0.0 0	$0.0^{+}0.0^{+}0.0^{+}0.0^{+}0.0^{+}0.0^{+}0.0^{+}0.0^{+}0.0^{+}0.0^{+}0.0^{+}0.1^{+}0.1^{+}0.2^{+}0.2^{+}0.3^{+}0.3^{+}0.1^{+}$	<b>*</b>	**************************************
+0.0+0.0+0.0+0.0+0.0+0.0+0.0+0.0+0.0+0.	0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0	.1 + 0.4 + 1.4 + 4.1 5.8 ENCLOSED	\$\frac{1}{5.0} \frac{1}{5}\$\$\fr
	\$\times_\infty_\infty_\chi_\chi_\chi_\chi_\chi_\chi_\chi_\chi	LOADING	*1.8 *1.0 *0.7 *0.5 *0.4 *0.3 *0.2 *0.2 *0.2 *0.3 *0.3 *0.3 *0.4 *0.5 *0.5 *0.4 *0.3 *0.2 *0.2 *0.2 *0.0 *0.0 *0.0 *0.0 *0.0
0.0 0.0 0.0 0.	0.0 +0.0 +0.0, 0, 0, 0, 0, 0 +0.0 +0.0 +	1 0.4 1.1 2.8 4.9 44 28 4 15	7 1.8 1.0 0.7 0.5 0.4 0.3 0.2 0.2 0.2 0.3 0.3 0.3 0.4 0.5 0.5 0.5 \ 0.4 0.3 0.2 0.2 0.7 \ 0.5 \ 0.5 \ 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
$0^{+}$ 0.0 $0^{+}$ 0.0 $0^{+}$ 0.0 $0^{+}$	0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0	.1 0.4 1.0 1.8 1.9 1.1 1.0 1.4 0.2 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1	*0.4 *1.1 *1.0 *0.9 *0.8 *0.6 *0.4 *0 <b>//*</b> *//.3 *0.3 *0.3 *0.3 *0.3 *0.3 *0.3 *0.3 *0
	Ñ Φ ∕		//
			0.6 *1.1 *1.3 *1.4 *1.2 *0.9 *0.7 *0.5 *0.5 *0.5 *0.4 *0.3 *0.3 *0.3 *0.2 *0.2 *0.2 *0.2 *0.2 *0.0 *0.0 *0.0
$0^{+}$ 0.0 $0^{+}$ 0.0 $0^{+}$ 0.0 $0^{+}$ 0.0 $0^{+}$	0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0	.0 +0.0 +0.1 +0.1 +0.1 +0.2 +0.2 +0.2 +0.1 +0.2 +0.2 +0.2 +0.2 +0.2 +0.2 +0.2 +0.2	**\$\text{\$
0.0 0.0 0.0 0.0 0.0	ιο οιο οιο ωκα απα Φυθ <sup>κ</sup> ένο α:α <b>οιο <u>0:0 θ:θ θ:θ θ ο</u>ύ σ</b> ο οιο οιο οιο ο	.0 0.0 0.0 0.1 0.1 0.1 0.1 0.1 0.2 0.5	*\frac{1}{0}.9 *\frac{1}{1}.3 *\frac{1}{0}.2 *\frac{1}{2}.4 *\frac{1}{2}.6 *\frac{1}{2}.3 *\frac{1}{1}.8 *\frac{1}{1}.3 *\frac{1}{1}.0 *\frac{1}{0}.9 *\frac{1}{0}.9 *\frac{1}{0}.9 *\frac{1}{0}.2 *\frac{1}{0}.2 *\frac{1}{0}.2 *\frac{1}{0}.2 *\frac{1}{0}.1 *\frac{1}{0}.1 *\frac{1}{0}.1 *\frac{1}{0}.0 *\frac
+0.0+0.0+0.0+0.0+0.0+0.0+0.0+0.0+0.0+0.	0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0	0,	<sup>†</sup> 0.7 <sup>1</sup> 1.4 <sup>†</sup> 1.9 √2.7 *2.5 *2.1 *1.5 *1.3 *1.1 *1.1 *1.0 *0.9 *0.7 *0.5 *0.4 *0.3 *0.2 *0.2 *0.2 *0.1 *0.1 *0.0 *0.0 *0.0 *0.0 *0.0
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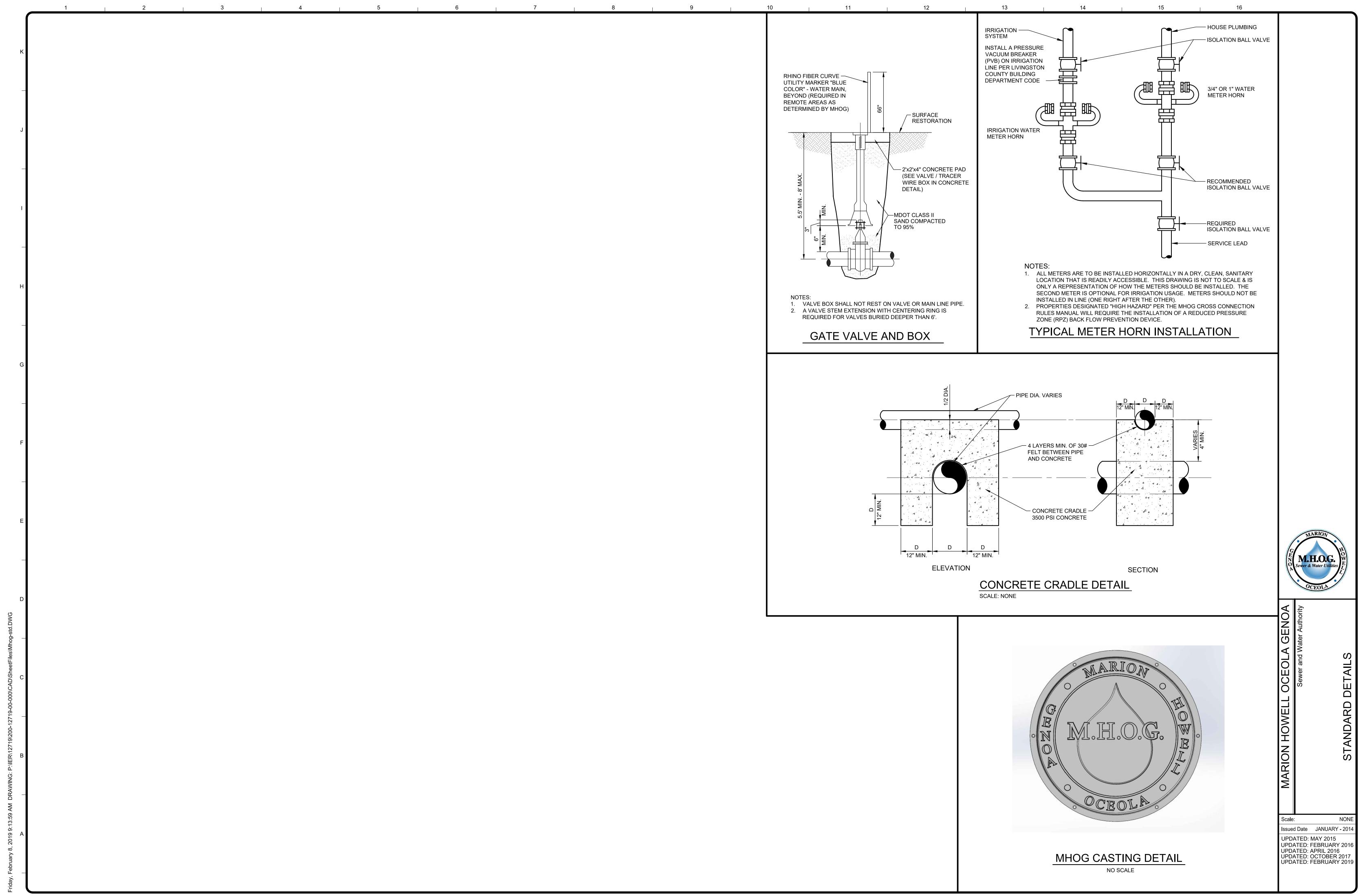
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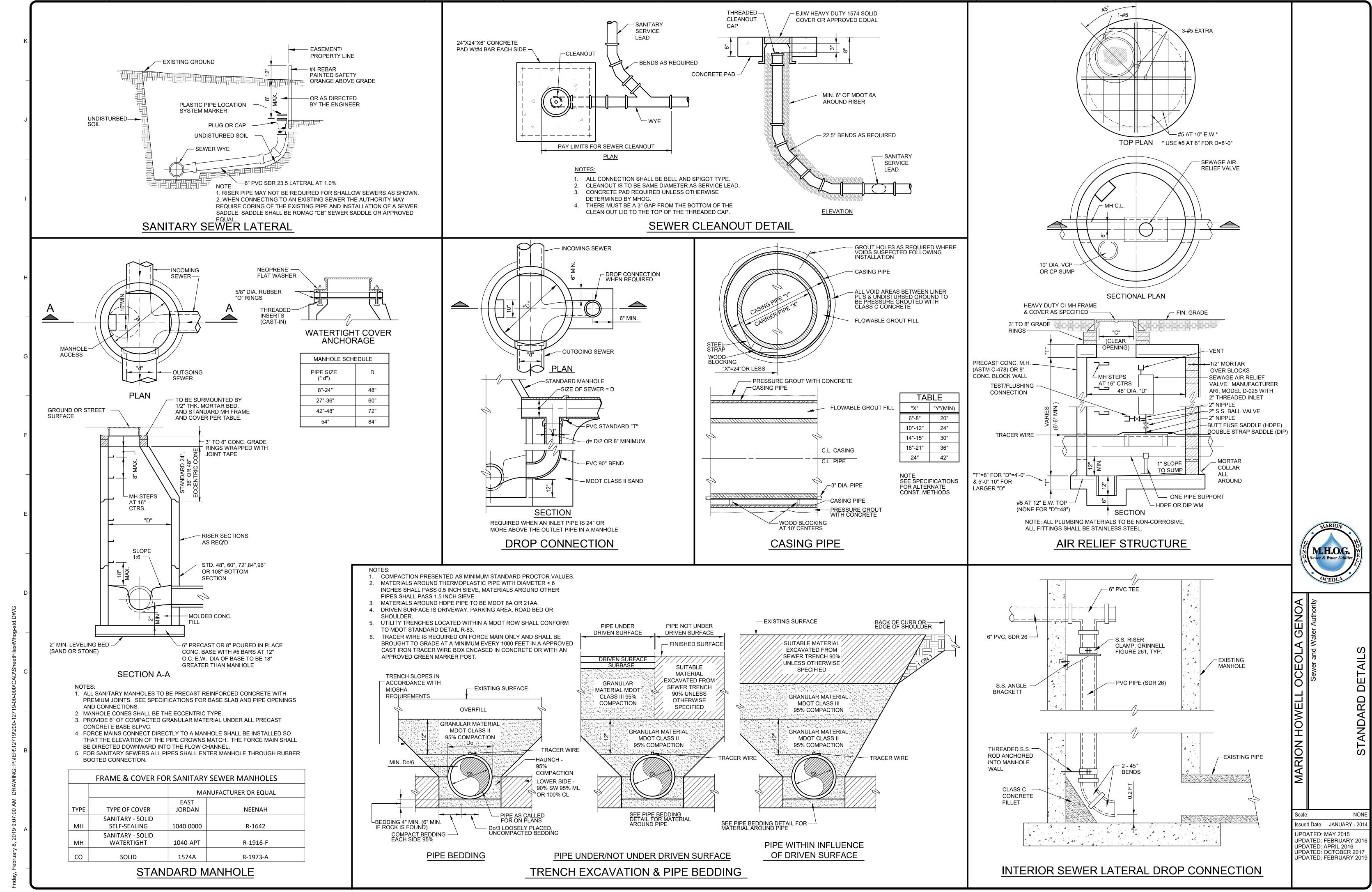
#22-71398 V4

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Oct. 6, 2022

To: Genoa Charter Township Board

From: Polly Skolarus, Clerk

Subject: Transfer of a liquor license

Following is a request from Carlin Edwards Brown PLLC for consideration of the transfer of a Liquor License. This application would allow the existing Cracker Barrel Restaurant located at 7925 Conference Center Drive, Brighton to receive a Class C Liquor License that would allow the serving of beer, wine and spirits at the Genoa location.

Motion: Move to allow the transfer of a Class C liquor license from NPZ Group LLC7749 E. M-36 Hamburg Twp. to CBOCS Properties, Inc. 7925 Conference Center Drive Genoa Twp.

# Carlin Edwards Brown PLLC

John B. Carlin, Jr. (1939-2018) Scott D. Edwards (Of Counsel) Michael J. Brown Steven J. Grobbel James V. Bellanca, III Attorneys & Counselors at Law 2055 Orchard Lake Rd. Sylvan Lake, Michigan 48320 P. (248) 816-5000 F. (248) 816-5115 www.cebhlaw.com

Lansing Office
6017 West St. Joe Hwy., Suite 202
Lansing, Michigan 48917
P. (517) 321-4617
F. (517) 321-4642

Northern Michigan Office 145 North Otsego Ave. Gaylord, Michigan 49735 P. (989) 251-1041 F. (989) 688-5901

**September 27, 2022** 

Ms. Paulette Skolarus Genoa Charter Township Clerk 2911 Dorr Road Brighton, MI 48116

Re: CBOCS Properties, Inc.

Location: 7925 Conference Center Drive, Brighton, MI 48114

**Liquor License Transfer** 

Dear Ms. Skolarus:

In our recent telephone conversation, I indicated that I was the liquor license attorney for CBOCS Properties, Inc. regarding the transfer of a Class C liquor license to the existing Cracker Barrel restaurant located at: 7925 Conference Center Drive, Brighton, MI 48114. Recently, CBOCS Properties, Inc. filed its application packet with the Michigan Liquor Control Commission ("MLCC") for transfer of this Class C license. Per your request, I am enclosing a copy of the Application (LCC-100a) that was filed with the MLCC.

Cracker Barrel is in the process of adding liquor licenses to its restaurants around the country. CBOCS Properties, Inc. is transferring a Class C liquor license that will allow it to serve beer, wine, and spirits at the Brighton Cracker Barrel location. There will not be any changes or renovations to the restaurant to accommodate this license. Cracker Barrel intends to have a limited alcohol menu.

Should you have any questions, you may reach me at the contact information below. Otherwise, my contact at CBOCS Properties, Inc. (Cracker Barrel) is Josh Mayo. He can be reached at the following address:

307 Hartmann Dr., Lebanon, TN 37088 josh.mayo@crackerbarrel.com (615) 443-9448 Genoa Charter Township Clerk September 27, 2022 Page 2

Based on our conversation, I understand that there is no fee in connection with local approval of this transfer. We would ask that it be placed on the Township Board Agenda for review and approval. You have indicated that our attendance at the Township Board meeting will not be required. However, should that change, or you need any additional information, please feel free to contact me.

Thank you very much for your assistance.

Very truly yours,

Carlin Edwards Brown PLLC

Steven J. Grobbel

Direct Dial: (248) 816-5000 (ext. 2) E-Mail: sgrobbel@cebhlaw.com

Enclosures

cc: Josh Mayo (w/o encl.)



# Michigan Department of Licensing and Regulatory Affairs Liquor Control Commission (MLCC) Toll-Free: 866-813-0011 - www.michigan.gov/lcc

Request ID:	
•	(For MLCC Use Only)

# On-Premises Retailer License & Permit Application (LCC-100a)

# **Part 1 - Applicant Information**

Individuals, please state your legal name. Corporations or Limited Liability Companies,	please state your name as	it is filed with the State of Michigan Corporation Division.
Applicant name(s): CBOCS Properties, Inc.		
Address to be licensed: 7925 Conference Center Drive		
City: Brighton	Zip Code: 48114	
City/township/village where license will be issued: Genoa Twp.		County: Livingston
Federal Employer Identification Number (FEIN):		
1. Are you requesting a new license?	○ Yes <b>⑤</b> N	lo Leave Blank - MLCC Use Only
2. Are you applying ONLY for a new permit or permission?	○ Yes <b>⑤</b> N	lo
3. Are you buying an existing license?		lo
4. Are you transferring the classification of an existing on premises lic	ense? 🔿 Yes 💿 N	lo
5. Are you modifying the size of the licensed premises?	⊜ Yes <b>⊚</b> N	No
If Yes, specify: Adding Space Dropping Space Redefin	ning Licensed Premise	es
6. Are you transferring the location of an existing license?		40
7. Is this license being transferred as the result of a default or court ac	tion? 🔵 Yes 💿 N	No
8. Do you intend to use this license actively?	Yes	No
Part 2 - License Transfer Information (If Applicable) If transferring ownership of a license ONLY and not transferring the location of a license	e, fill out only the name of t	the current licensee(s)
Current licensee(s): NPZ Group L.L.C.		
Current licensed address: 7749 E. M-36		
City: Hamburg	Zip Code: 48139	
City/township/village where license is issued: Hamburg Twp.		County: Livingston
Dout 2 Licenses Demoits and Demoissing		

#### Part 3 - Licenses, Permits, and Permissions

Applicants for on premises licenses, permits, and permissions (e.g. restaurants, hotels, bars, etc.) must complete the attached Schedule A and return it with this application. Transfer the fee calculations from the Schedule A to Part 4 below.

# Part 4 - Inspection, License, and Permit Fees - Make checks payable to State of Michigan

<u>Inspection Fees</u> - Pursuant to MCL 436.1529(4) a nonrefundable inspection fee of \$70.00 shall be paid to the Commission by an applicant or licensee at the time of filing of a request for a new license or permit, a request to transfer ownership or location of a license, a request to increase or decrease the size of the licensed premises, or a request to add a bar. Requests for a new permit in conjunction with a request for a new license or transfer of an existing license do not require an additional inspection fee.

<u>License and Permit Fees</u> - Pursuant to MCL 436.1525(1), license and permit fees shall be paid to the Commission for a request for a new license or permit or to transfer ownership or location of an existing license.

Inspection Fees:	\$140.00	License & Permit Fees:	\$965.00	TOTAL FEES:	\$1,105.00

Арр	icant	name: CBOCS Properties, Inc	c.					
		ses License Type:	Base Fee:	Fee Code MLCC Use	On-Prem	ises Permits:	Base Fee:	Fee Code MLCC Use Only
New 1	ranste	<sup>er</sup> B-Hotel License	\$600.00	Only	$\boxtimes$	Sunday Sales Permit (AM)*	\$160.00	4033
	L.J Nu	mber of guest rooms:	3000.00		$\boxtimes$	Sunday Sales Permit (PM)**	\$90.00	4032
		A-Hotel License	\$250.00			Catering Permit	\$100.00	
Ш	Nu	mber of guest rooms:	\$250.00			Social District Permit	\$250.00	
	X	Class C License	\$600.00	4034		Banquet Facility Permit - Complet	e <u>Form LCC-20</u>	00
		Tavern License	\$250.00	4034	A Banquet	Facility Permit is an extension of the licen	se at a different	location.
	П	Resort License	Upon Licensure		It may nav	e its own permits and permissions. Outdoor Service	No shawar	
		DDA/Redevelopment License	Upon Licensure			Dance Permit	No charge	
		Brewpub License	\$100.00			Entertainment Permit	No charge	
		G-1 License	\$1,000.00				No charge	
		G-2 License	\$1,000.00			Extended Hours Permit:	No charge	
		Aircraft License				ance Entertainment Days/Hours:		
		Watercraft License	\$600.00			Specific Purpose Permit:	No charge	
		Train License	\$100.00			ty requested:		
	Ц		\$100.00		Days/	'Hours requested:		
Ш		Continuing Care Retirement Center I	·			Living Quarters Permit	No charge	
	Ш'	MCL 436.1545(1)(b)(i) MCL 436.15	045(T)(D)(II)			Topless Activity Permit	No charge	
		B-Hotel or Class C Licenses C	Only:			Off-Premises Storage	No charge	
Ш	Ш	Additional Bar(s)				Direct Connection(s)	No charge	
		Number of Additional Bars: _				On-Premises Public Swimming Po Complete Form LCC-209	ool Permit -	
premi (1) bai	ses. A initial	lass C licenses allow licensees to have \$350.00 licensing fee is required for good ly issued with the license.  Permits, and permissions selected on	<u>each additional bar</u> ove	r the one	Merchant (S	MCL 436.1533, on-premises retailers may be i DM) license or a Specially Designated Distribu conjunction with the on-premises license under	tor (SDD) license d	it the same
as pa your	rt of y	rour request. Please verify your in ation, as some licenses, permits, or uest once the application has beer	formation prior to su permissions cannot b	bmitting oe added		nises License Type:	Base Fee:	Fee Code MLCC Use Only
		ment Division.	•	,,		SDM License	\$100.00	4012
						SDD License	\$150.00	
In	spec	tion, License, Permit, & Perm		tion	Off Prem	nises Permits:	Base Fee:	
	Numl	ber of Licenses: 2 x \$70.00	Inspection Fee			SDD Sunday Sales Permit (PM)** For Spirit Products	\$22.50	
	Total	Inspection Fee(s): Fee Code: 40	\$140.00		X	SDM Sunday Sales Permit (PM)** For Mixed Spirit Drink Products	\$15.00	4032
'	Total	License Fee(s):	\$700.00			Motor Vehicle Fuel Pumps	No charge	
	Total	Permit Fee(s):	\$265.00		*Sunday Sa wine on Su unit of gov	ales Permit (AM) allows the sale of spirits, nunday mornings between 7:00am and 12:00 nernment.	nixed spirit drink noon, if allowed b	, beer, and by the loca
		AL FEES DUE:	\$1,105.00		Sunday aft	Sales Permit (PM) allows the sale of spirits ternoons and evenings between 12:00 n fallowed by the local unit of government. N	oon and 2:00am	(Monda
0	f addit	note that requests to transfer SDD licen tional fees based on the seller's previous I be determined prior to issuance of the l	calendar year's sales. Ti		is required Sales Perm	for the sale of beer and wine on Sunday aff it (PM) fee is 15% of the fee for the license t pirit drink. Additional bar fees and hotel roo	er 12:00 noon. T hat allows the sa	he Sunda le of spirit
		Make checks payable to <b>Stat</b>	e of Michigan		part of the	permit fee. A separate Sunday Sales Perm t will sell spirits or mixed spirit drink on Sund	nit (PM) is require	d for eac

# DocuSign Envelope ID: 743FFD7D-806D-4036-A22F-CDA8366A9E20 Part 5a - Information on Individual Applicant, Stockholder, Member, or Limited Partner

Each individual, stockholder, member, or partner must complete Part 5a, 5b, and 5c. If a stockholder or member of an applicant company is a corporation or limited liability company, complete Part 5a and 5c and submit a completed Form LCC-301.

For applications with multiple individuals, stockholders, members, or partners - each person or entity must complete a separate copy of this page.

Name: CBOCS West, Inc.				***************************************				
Home address: 305 S. Hartmann	Drive							
City: Lebanon				State:	TN	Zip Code: 37087	7	
Business Phone: (615) 443-9448		Cell Phone:			Email: Josh.M	layo@crackerbarre	el.com	
Have you ever been licensed by the Miclissued by the MLCC? If <b>Yes</b> , please list balso write "chain" below. Pursuant to MCL	usiness ID r	numbers below	<ol> <li>If you hold interest in 2</li> </ol>	or more	locations under	the same name, please	s C Yes	<b>⊚</b> No
Do you hold 10% or more interes	t in the a <sub>l</sub>	oplicant ent	ity?				<b>⊚</b> Yes	. ○No
If you answered "no" to the first question attached instructions for submitting fing (LCC-105) with your application.	n and "yes" gerprints to	to the second the MLCC. Y	question, you must subn ou must submit a copy o	nit finger of the co	prints and under mpleted and en	rgo an investigation by dorsed <u>Livescan Finge</u>	y the MLCC. erprint Backo	Please see the ground Request
Part 5b - Personal Information (	Individu	ı <b>als)</b> - Must l	be at least 21 years of	age, pu	rsuant to adm	inistrative rule R 43	6.1105(1)(	
Date of Birth:	Social S	Security Nun	nber:		Driver's Lic	ense Number:		
Are you a citizen of the United Sta	ates of Ar	nerica?					○ Yes	∩ No
Have you ever legally changed yo	our name	?					<b>○</b> Yes	∩No
If you answered "yes", please list you	r prior nar	ne(s) (includir	ng maiden):					
Spouse's full name (if currently m	arried):							
Spouse's date of birth:			ls your spouse a ci	tizen of	the United St	tates of America?	C Yes	○ No
Do you or your spouse hold any pos law of the United States of America, municipal subdivisions of the State o	or the per	nal laws of the	tment or election, whic e State of Michigan, or	h involv any per	es the duty to	enforce any penal r resolution of any	○ Yes	∩No
Does your spouse hold a retail, m	anufactu	rer, or whole	esaler license issued l	by the N	MLCC?			○ No
Have you ever been found guilty, local ordinance violations? If <b>Yes</b>	pled gui , list belo	lty, or pled r w (attach ad	no contest to a crimin	al chare	ge or any		○ Yes	
	ity/State		Char			Dis	position	
Has your spouse ever been found ordinance violations? If <b>Yes</b> , list be					al charge or a	ny local	○ Yes	∩ No
Date C	ity/State		Char	ge		Dis	position	
Part 5c - Signature I certify that the information contain of the Michigan Liquor Control Cod Liquor Control Code pursuant to MCI	e and Adr	ninistrative R	Rules. I also understand nust be signed by the p	that p	roviding false	or fraudulent infor	omply with	all requiremer
Richard Wolfson			File With			9/	8/2022	
Print Name			821D5E844F4E48B	ignatu	re		D	ate

## **Part 6 - Contact Information**

Provide information on the contact person for this application. Please note that corporations and limited liability companies must provide documentation (e.g. meeting minutes, corporate resolution) authorizing anyone other than the applicant or an attorney of record to be the contact person. If an authorization is not provided, your contact person will not be acknowledged if they are anyone other than the applicant or attorney.

What is your preferred method of contact?					hone () Mail	Email	OF	ax
What is your preferred method for rece	hat is your preferred method for receiving a Commission Order?					<ul><li>Email</li></ul>	() F	ax
Contact name: Steven Grobbel Relationship: Attorney								
Mailing address: 2055 Orchard Lake Ro	oad							
City: Sylvan Lake State: MI					Zip Code: 4832	20		
Phone: (248) 816-5000 x2	Fax number: (2	Fax number: (248) 816-5115			grobbel@cebhla	aw.com		
Part 7 - Attorney Information (If You	Have An Attorn	ey Represen	ting You For	This Appli	ication)			
Attorney name: Steven Grobbel				Member N	lumber: P-4281	8		
Attorney address: 2055 Orchard Lak	e Road, Sylvan La	ke, MI 48320						
Phone: (248) 816-5000 x2	Fax number: (2	48) 816-5115		Email: s	grobbel@cebhla	aw.com		
Would you prefer that we contact you	attorney for all li	censing matt	ers related to	this applic	ation?	•	Yes	ON₀
Would you prefer any notices or closin	g packages be se	nt directly to	your attorney	?		•	Yes	○ No

#### Part 8 - Signature of Applicant

Be advised that the information contained in this application will only be used for this request. This section will need to be completed for each subsequent request you make with this office.

**Notice:** When purchasing a license, a buyer can be held liable for tax debts incurred by the previous owner. Prior to committing to the purchase of any license or establishment, the buyer should request a tax clearance certificate from the seller that indicates that all taxes have been paid up to the date of issuance. Obtaining sound professional assistance from an attorney or accountant can be helpful to identify and avoid any pitfalls and hidden liabilities when buying even a portion of a business. Sellers can make a request for the tax clearance certificate through the Michigan Department of Treasury.

Under administrative rule R 436.1003, the licensee shall comply with all state and local building, plumbing, zoning, sanitation, and health laws, rules, and ordinances as determined by the state and local law enforcements officials who have jurisdiction over the licensee. Approval of this application by the Michigan Liquor Control Commission does not waive any of these requirements. The licensee must obtain all other required state and local licenses, permits, and approvals for this business before using this license for the sale of alcoholic liquor on the licensed premises.

I certify that the information contained in this form is true and accurate to the best of my knowledge and belief. I agree to comply with all requirements of the Michigan Liquor Control Code and Administrative Rules. I also understand that providing **false** or **fraudulent** information is a violation of the Liquor Control Code pursuant to MCL 436.2003.

The person signing this form has demonstrated that they have authorization to do so and have attached appropriate documentation as proof.

Richard Wolfson, Director	Cocusigned by:	9/8/2022
Print Name of Applicant & Title	821D5E844F4E38gnature of Applicant	Date

Fax to: 517-284-8557



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

# MEMORANDUM

**TO:** Honorable Board of Trustees

**FROM:** Kelly VanMarter, Township Manager

**DATE:** October 12, 2022

**RE:** Fund 101 Budget Adjustments

The resignation of the Township Manager and the internal promotion of Kelly VanMarter and Amy Ruthig require amendments to the General Fund Budget related to wages and retirement. These amendments are depicted on the attached spreadsheet. Please keep in mind that these budget adjustments do not reflect amounts associated will filling the position vacated by the promotions. To accurately reflect the current changes in the budget, the tables below and a corresponding motion is presented for your consideration:

# Item A - Manager Salary

BUDGET IMPACT - Fund 101, Dept. 172 – Township Manager									
Fund Type	Fund Number	Description	Existing Budget	Change	New Budget				
Appropriation	101-172-702-014	TWP MANAGER SALARY	\$139,513	+\$26,922.08	\$166,435.08				

Moved by \_\_\_\_\_\_, Supported by \_\_\_\_\_\_ to amend the Fiscal Year 2022/2023 Budget for Fund 101, Department 172 - Township Manager, "Salary" Line Item 101-172-702-014 from \$139,513 to \$166,435.08.

# **Item B -Retirement**

BUDGET IMPACT - Fund 101, Dept. 261 – Unallocated								
Fund Type			Existing Budget	Change	New Budget			
Appropriation	101-261-718-001	RETIREMENT	\$121,000	-\$1,495	\$119,505			

Moved by \_\_\_\_\_\_\_, Supported by \_\_\_\_\_\_\_ to amend the Fiscal Year 2022/2023 Budget for Fund 101, Department 261 – Unallocated, "Retirement" Line Item 101-261-718-001 from \$121,000 to \$119,505.

## SUPERVISOR

Bill Rogers

## CLERK

Paulette A. Skolarus

#### **TREASURER**

Robin L. Hunt

### **TRUSTEES**

Jean W. Ledford H. James Mortensen Terry Croft Diana Lowe

## MANAGER

Sincerely,

Kelly VanMarter

# **Item C - Planning and Zoning Wages and Salaries**

BUDGET IMPACT - Fund 101, Dept. 701 – Planning and Zoning									
Fund Type	Fund Number	Description	Existing Budget	Change	New Budget				
Appropriation	101-701-703-000	PLANNING &	\$218,760	-\$41,870.88	\$176,889.12				
		ZONING WAGES							
		AND SALARIES							

, Supported by	to amend the
101, Department 701 – Planning and Zoning, "V	Vages and
n \$218,760 to \$176,889.12.	
	101, Department 701 – Planning and Zoning, "V

Please let me know if you have any questions or comments.

09/27/2022	BUDGET REPORT FOR GENOA TOWNSHIP					
		2022-23	2022-23	NEW		
9/28/2022		APPROVED	AMENDED	REQUESTED	DIFFERENCE	
GL NUMBER	DESCRIPTION	BUDGET	BUDGET	AMOUNT		_
Fund 101 - GENERAL FUND						_
TOTAL ESTIMATED REVENU	ES	5,720,092	5,720,092			
APPROPRIATIONS						
						Kelly's Salary 10/17 to 3/31/23
Dept 172 - TOWNSHIP MANA	AGER					61,846.20
101-172-702-014	TWP MANAGER SALARY	139,513	139,513	166,435.08	(26,922.08)	Mike's Salary 1/01/23 to 3/31/23
Totals for dept 172 - TOWI	NSHIP MANAGER	139,513	187,153			(34,924.12)
						Kelly's Add Retire 10/17 to 3/31/23
Dept 261 - UNALLOCATED						1555.46
101-261-718-001	RETIREMENT	121,000	121,000	119,505	1,495	Amy's Add Retire 10/17 to 3/31/23
Totals for dept 261 - UNAL	LOCATED	791,375	791,375			442.07
						Mike's Retirement 1/01/23 to 3/31/23
						(3492.41)
Dept 701 - PLANNING & ZON	ING					
101-701-703-000	PLANNING & ZONING WAGES & SALARIES	218,760	218,760	176,889.12	41,870.88	Kelly's Prior Salary 10/17 to 3/31/23
TOTAL APPROPRIATIONS		6,413,566	6,421,178	6,437,621.68	16,443.68	(46,291.56)
					_	Amy's Prior Salary 10/17 to 3/31/23
					_	(29,271.60)
NET OF REVENUES/APPROPR	NATIONS - FUND 101	(693,474)	(701,086)	(717,529.68)	]	Amy's New Salary 10/17 to 3/31/23
BEGINNING FUND BALANC	E	3,474,244	3,474,244	3,474,244		33,692.28
ENDING FUND BALANCE		2,780,770	2,773,158	2,756,714.32		

Please note these figures do not include a new hire to fill Amy's previous position.



2911 Dorr Road

Brighton, MI 48116

810.227.5225

810.227.3420 fax

genoa.org

# **M**EMORANDUM

**TO:** Honorable Board of Trustees

FROM: Kelly VanMarter, Township Manager

**DATE:** October 12, 2022

**RE:** Fund 208 Park/Recreation Budget Adjustments

This memo will cover 4 proposed changes to the Parks and Recreation Fund 208 Budget. These 4 changes represent a \$16,950 reduction in expenditures from this fund.

## Item A - Park Master Plan

The first change is an increase in cost for the "Park Master Plan" line item number 208-751-934-006. Township staff has been working with Lindhout Associates Architects regarding park planning in anticipation of the MDNR Trust Fund grant award. We have determined that the appropriate first step in park development planning is to obtain survey work and wetland delineation for the parcels. The survey work would include the 25-acre parcel that the Township currently owns at the end of Crooked Lake Road. The estimated cost for the survey work including a wetland delineation is \$20,850. A copy of the estimate is attached. The current budget for park master planning is \$10,000 therefore we are requesting an increase of \$10,850. The following table represents the impact on the budget.

BUDGET IMPACT - Fund 208, Dept. 751 - Parks and Recreation									
Fund Type	Fund Number	Existing Budget	Change	New Budget					
Appropriation	208-751-934-006	Park Master Plan	\$10,000	+ \$10,850	\$20,850				

In response the cost increases discussed above the following motion is presented for your consideration:

a) Moved by \_\_\_\_\_\_\_\_, Supported by \_\_\_\_\_\_
to amend the Fiscal Year 2022/2023 Budget for Fund 208 Parks and Recreation, Line
Item 208-751-934-006 to increase the budget amount from \$10,000 to \$20,850 to
cover the cost of survey work and wetland delineation for the Township park
acquisition parcels.

#### Item B & C – Remove Projects

During discussions with representatives of the Michigan Department of Transportation (MDOT), the former Township Manager determined that MDOT was working to obtain funding to install pedestrian crossings at Golf Club and the Meijer/Wal-Mart signal. With MDOT funding these improvements, the following Township projects are no longer necessary and can be zeroed in the budget as follows:

# SUPERVISOR

Bill Rogers

#### CLERK

Paulette A. Skolarus

# TREASURER

Robin L. Hunt

## **TRUSTEES**

Jean W. Ledford H. James Mortensen Terry Croft

# MANAGER

Diana Lowe

BUDGET IMPACT - Fund 208, Dept. 751 - Parks and Recreation						
Fund Type	Fund Number	Description	Existing Budget	Change	New Budget	
Appropriation	208-751-934-003	Pedestrian Xing GR & Speedway	\$55,000	-\$55,000	\$0	
Appropriation	208-751-934-009	Pedestrian Xing GR @ Golf Club	\$55,000	-\$55,000	\$0	

b)	Moved by	, Supported by	to		
	decrease to zero Dept. 751 – Parks & Recreation, Line Item 208-751-934-003 for the Pedestrian				
	Crossing at Grand River and Speedway due to MDOT consideration for the project.				
c)	Moved by	, Supported by	to		
	decrease to zero Dept. 751 – Parks & Recreation, Line Item 208-751-934-009 for the Pedestrian				
	<b>Crossing at Grand River a</b>	and Golf Club due to MDOT consideration for t	he project.		

# <u>Item D - Create New "Grand River Sidewalk Infill Project"</u>

With the elimination of the pedestrian crossing projects, the former Township Manager authorized Tetra Tech to analyze locations along Grand River that would benefit from infill sidewalks to connect existing walks and create opportunities for contiguous connections. This analysis identified opportunities along Grand River east and west of Hubert Road and west of Grand Oaks Drive. Estimated costs for design and permitting is \$30,000 with \$25,000 estimated for easement acquisition for 8 properties. The table below and the following recommended motion is presented for your consideration:

BUDGET IMPACT - Fund 208, Dept. 751 - Parks and Recreation					
Fund Type	Add New Fund Number	Description	Budget		
Appropriation	208-751-934-012	Grand River Sidewalk Infill Design & Easement	\$55,000		

Moved by \_\_\_\_\_\_, Supported by \_\_\_\_\_\_ to amend the Fiscal Year 2022/2023 Budget for Fund 208 Parks and Recreation, to add a new line item with fund number 208-751-934-012 for the Grand River Sidewalk Infill Design & Easement with a budget amount of \$55,000.

Please let me know if you have any questions or comments.

Kelly VanMarter

Sincerely,

# Monument Engineering Group Associates, Inc.



Developing Lifelong Relationships monumentengineering.com

298 Veterans Drive, Fowlerville, MI 48836 (HQ) (517) 223-3512



# Proposal

September 30, 2022, 2022 MEGA Proposal No: PR-22-0449\_V4

Mike O'Leary Lindhout Associate Architects 10465 Citation Dr. Brighton, MI 48116

**RE:** Surveying Services

Genoa Township

6429 Crooked Lake Road

Brighton, MI 48116

TAX ID: 11-14-300-018, 11-23-100-001, 11-14-400-006, 11-23-200-004

Dear Mike,

Monument Engineering Group Associates, Inc., (MEGA) is pleased to present this proposal to you (Client) for surveying services for the location noted above. Enclosed is our survey scope and fee proposal.

# **SURVEY SCOPE & FEE SCHEDULE**

MEGA is proposing the following fee as a lump sum based on the Survey RFP dated May 25, 2022, and as revised via email dated June 22, 2022, and further revised September 30, 2022 per Twp. comments.

Survey \$10,650

MEGA will provide a survey of the Red outlined parcels indicted in this proposal. The survey is intended to be used for schematic design purposes. MEGA will:

- ✓ Monument and depict the boundary of the 4 parcels identified & prepare a certified boundary map of the parcels in recordable format per Act 132 standards
- ✓ Prepare legals descriptions as needed based on the results of the field survey.
- ✓ Map the perimeter of woodlots
- ✓ Locate stand alone specimen trees as identified by in-house certified arborist

Wetland Delineation \$10,200

MEGA will engage a wetland consultant to delineate wetlands on the ground within the Red outlined area indicated in this proposal. MEGA will survey they delineated wetlands and include on the final survey deliverable.

# **Genoa Township**

# PARCEL IMAGE / SCOPE AREA



# SCHEDULE

MEGA will commence work upon authorization. Below is our anticipated schedule:

Week 1-5 Prepare Act 132 Survey & final 24x36 deliverable with tree/woodland & wetland features.

# **Genoa Township**

## FURTHER CLARIFICATIONS. ASSUMPTIONS AND EXCLUSIONS

- 1. If a boundary issue is identified during the project MEGA will stop work, contact the client and explain the situation. It may be necessary at that point to re-negotiate the scope of the project and fee before proceeding.
- 2. Items not listed in the scope of services will be charged for on an hourly basis.
- 3. It is expressly agreed that the Client's maximum recovery against MEGA relating to the professional services performed hereunder, whether in contract, tort, or otherwise, is the amount of MEGA's fee (for the task in question) and that an award of damages, not to exceed such fee, is Client's sole and exclusive remedy against MEGA. Under no circumstance shall MEGA be liable for client's loss of profit, delay damages, or for any special, incidental, or consequential loss or damage of any nature arising at any time or from any cause whatsoever. Where MEGA's fee exceeds \$25,000, Client's maximum recovery against MEGA will not exceed \$25,000.
- 4. This proposal is valid for a period of 30 calendar days from the date of this proposal, as notated on page one.
- 5. Electronic AutoCAD and other electronic files are considered intellectual property of MEGA and are not guaranteed to be distributed at a future date regardless of payment status.

# **PAYMENT**

Payment shall not be contingent upon sale, any transactions, or third parties concerning the property. Over-due invoices are subject to interest at the rate of 1-1/2% per month from said thirtieth day, and in addition, the surveyor may, after giving seven days written notice to the client, suspend services under this agreement until the surveyor has been paid in full.

#### **AUTHORIZATION**

If the above scope of work is representative of your expectations, please sign and return a copy of this proposal to us for our records. MEGA appreciates the opportunity to provide professional services for the above-mentioned project. We look forward to working with you.

Monument Engineering Group & Associates	Client Acceptance:	
~ C:		
Signature	Signature	
Matthew Albright Survey Manager		
Signed by	Signed by & Date	

- 7) Consideration of amendments to the Fiscal Year 2022/2023 Budget for the General Fund, Fund 101 to reflect the impact of the resignation of the Township Manager and the internal promotions to fill the Manager and Planning Director positions as follows:
  - a) Increase Dept. 172 Township Manager, "Salary" Line Item 101-172-702-014 from \$139,513 to \$166,435.08.
  - b) Decrease Dept. 261 Unallocated, "Retirement" Line Item 101-261-718-001 from \$121,000 to \$119,505.
  - c) Decrease Dept. 701 Planning and Zoning, "Planning and Zoning Wages and Salaries" Line Item 101-701-703-000 from \$218,760 to \$176,889.12.
- 8) Consideration of amendments to the Fiscal Year 2022/2023 Budget for the Parks and Recreation Fund, Fund 208 as follows:
  - a) Increase Dept. 751 Parks & Recreation, "Park Master Plan" Line Item 208-751-934-006 to cover the cost of survey work and wetland delineation for the Township park acquisition parcels from \$10,000 to \$20,850.
  - b) Decrease to zero Dept. 751 Parks & Recreation, Line Item 208-751-934-003 for the Pedestrian Crossing at Grand River and Speedway due to MDOT consideration for the project.
  - c) Decrease to zero Dept. 751 Parks & Recreation, Line Item 208-751-934-009 for the Pedestrian Crossing at Grand River and Golf Club due to MDOT consideration for the project.
  - d) Create new Dept. 751 Parks & Recreation, line item number 208-751-934-012 for the "Grand River Sidewalk Infill design/easement" project with a budget amount of \$55,000.

Correspondence Member Discussion Adjournment

\*Citizen's Comments- In addition to providing the public with an opportunity to address the Township Board at the beginning of the meeting, opportunity to comment on individual agenda items may be offered by the Chairman as they are presented.

# Board Correspondence



2911 Dorr Road

Brighton, MI 48116

810.227.5225

810.227.3420 fax

genoa.org

# **M**EMORANDUM

**TO:** Honorable Board of Trustees

**FROM:** Kelly VanMarter, Township Manager

**DATE:** October 12, 2022

**RE:** Correspondence – Solar Charging Table Update

At the September 9, 2022 Board meeting, the Board had questions regarding the durability and security of the solar charging table proposed near the basketball courts. Since that meeting I have worked with the architect to obtain additional details which I believe should alleviate any concerns. The salient points are as follows:

- 1. The solar umbrella is rated for 150 mph wind.
- 2. See image below of the umbrella base. There are 4 holes in the base that are anchored into the concrete with 3/8" expansion bolts. The umbrella is then connected to the base with double 5/16" thru-bolts.



3. They have not been rated for snow load, but they said they have an installation in Ironwood, Michigan for the past 2 winters without issue.

Should you have any questions concerning this matter, please do not hesitate to contact me.

Sincerely,

Kelly VanMarter

# SUPERVISOR

Bill Rogers

#### CLERK

Paulette A. Skolarus

## **TREASURER**

Robin L. Hunt

# **TRUSTEES**

Jean W. Ledford

H. James Mortensen

Terry Croft

Diana Lowe

## MANAGER

Kelly VanMarter

# **Kelly VanMarter**

From: noreply-migrants@michigan.gov
Sent: Friday, October 7, 2022 10:11 AM

**To:** Kelly VanMarter

**Subject:** TF21-0040 Project Agreement Executed by DNR

Genoa Charter Township, Livingston County TF21-0040 Genoa Township Park Expansion

The project agreement for the grant referenced above has been fully executed and can be viewed in MiGrants. Detailed guidance on the steps to complete the project are provided for in the "Acquisition Project Procedures" booklet. Some final reminders regarding the project:

- Do not begin the appraisal until due diligence and a title search on the property have been completed and approved by the DNR.
- Please do not make a written offer to purchase or undertake the acquisition until you have written Department of Natural Resources (DNR) approval of your appraisal(s).
- Guidance on the steps you must take in completing your project is provided for in the "Acquisition Project Procedures" including the "Appraisal Report Standards" that your appraiser must follow.
- Your Agreement commits you to complete your land acquisition project in two years.
- Any changes to your project, including reducing or adding to the area to be acquired from that described in the Agreement, requires prior written approval from the DNR.

Please contact your grant coordinator if you have additional questions.