GENOA CHARTER TOWNSHIP BOARD Regular Meeting and Public Hearing October 16, 2017 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)*:

Approval of Consent Agenda:

- 1. Payment of Bills.
- 2. Request to Approve Minutes: October 2, 2017

Approval of Regular Agenda:

- 3. Second public hearing on the East and West Crooked Lake Aquatic Weed Control Special Assessment District.
 - A. Call to the property owners and the public.
 - B. Request for approval Resolution No. 5 [confirming the special assessment roll] for the East and West Crooked Lake Aquatic Weed Control Special Assessment District Summer 2018.
- 4. Request for approval of the environmental impact assessment and site plan for a proposed 123-bed student housing apartment building, located on the south side of Grand River Avenue and east side of Grand Oaks Drive, at 3750 Cleary Drive, Howell. The property is located in the Cleary University Planned Unit Development. The request is petitioned by Cleary University.
 - A. Disposition of Environmental Impact Assessment (10-11-17)
 - B. Disposition of Site Plan (10-11-17)
- 5. Request for approval of resolution authorizing Genoa Township Utility Department to provide Operational Assistance to Howell Township.
- 6. Request for approval for an agreement with the Livingston County Road Commission for the Township to pay 50 percent of the cost of construction and maintenance of a proposed traffic signal at Latson Road/Hampton Ridge Boulevard/Meier at a cost not to exceed \$52,775.
- 7. Discussion of newsletter articles to be included in the December 2017 tax mailing.

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.

CHECK REGISTERS FOR TOWNSHIP BOARD MEETING

DATE: October 16, 2017

TOWNSHIP GENERAL EXPENSES: Thru October 16, 2017

October 6, 2017 Bi Weekly Payroll

OPERATING EXPENSES: Thru October 16, 2017

TOTAL:

\$118,448.03 \$88,923.85

\$174,704.93

\$382,076.81

10/11/2017 10:50 AM

DB: Genoa Township

Jser: Tara

CHECK REGISTER FOR GENOA TOWNSHIP CHECK NUMBERS 33942 - 34000

Page: 1/1

Amount Vendor Name Vendor Check Date Bank Check Bank FNBCK CHECKING ACCOUNT 23.08 MICHAEL ARCHINAL 33942 ARCHINAL 09/26/2017 FNBCK 2,307.51 09/27/2017 **FNBCK** 33943 GUARDIAN I GUARDIAN 500.00 33944 ARCHINAL MICHAEL ARCHINAL 09/27/2017 FNBCK 3,082.20 UNUM PROVIDENT UNUM 33945 09/27/2017 **FNBCK** BUSINESS IMAGING GROUP 105.47 BUS IMAG 10/02/2017 **FNBCK** 33946 544.00 MARY LEPIORS LEPIORS 33947 10/02/2017 FNBCK 1,378.00 NORTHERN NORTHERN PLUMBING, INC. FNBCK 33948 10/02/2017 565.00 PERFECT MAINTENANCE CLEANING PERFECT 33949 10/02/2017 **FNBCK** 180.87 PRINTING SYSTEMS PRINTING 10/02/2017 **FNBCK** 33950 155.38 TARA BROWN BROWNT 10/02/2017 **FNBCK** 33951 DIANA LOWE 344.60 **FNBCK** 33952 LOWED 10/03/2017 1,078.61 DTE ENERGY 10/03/2017 33953 DTE ENE FNBCK KRISTEN RENEE SAPIENZA 102.72 SAPIENZA 10/03/2017 33954 FNBCK 440.05 MICHAEL ARCHINAL FNBCK 33955 ARCHINAL 10/03/2017 320.04 SHARON STONE 33956 STONE 10/03/2017 FNBCK TAMMY LINDBERG 183.51 FNBCK 33957 LIND 10/03/2017 TERRY CROFT 343.07 TERRY CROF 33958 10/03/2017 **FNBCK** 160.00 WELLNESS I WELLNESS IQ 10/03/2017 FNBCK 33959 160.00 WELLNESS I WELLNESS IQ **FNBCK** 33960 10/03/2017 79,354.29 GFL ENVIRONMENTAL USA INC. GFL ENVIRO 10/03/2017 **FNBCK** 33961 47.05 WEX BANK 10/03/2017 FNBCK 33962 WEX 21.68 10/04/2017 **FNBCK** 33963 DTE ENE DTE ENERGY 50.00 NETWORK SERVICES GROUP, L.L.C. FNBCK NETWORK 33964 10/04/2017 0.00 V 10/04/2017 **FNBCK** 33965 2,548.00 CONSUMERS ENERGY 10/04/2017 **FNBCK** 33966 CONSUME 326.78 33967 COMCAST COMCAST 10/10/2017 **FNBCK** 113.43 CONTINENTAL LINEN SERVICE CONTINEN FNBCK 33968 10/10/2017 DTE ENERGY 147.19 DTE EN 10/10/2017 FNBCK 33969 127.70 DTE ENERGY FNBCK 33970 DTE ENE 10/10/2017 50.00 ETHAN MURPHY 10/10/2017 33971 ETHAN MURP FNBCK 115.00 MINNESOTA ELEVATOR, INC 33972 MEI FNBCK 10/10/2017 1,100.00 PUBLIC FINANCIAL MANAGEMENT, INC PFM 10/10/2017 FNBCK 33973 472,80 DOUGLAS BROWN BROWN **FNBCK** 33974 10/10/2017 22,000.00 ECON DEV. COUNCIL OF LIVINGSTON CO FNBCK 33975 ECONOMIC 10/10/2017 FNBCK TOTALS: 118,448.03 Total of 34 Checks: 0.00

Less 1 Void Checks:

Total of 33 Disbursements:

118,448.03

Check Register Report For Genoa Charter Township For Check Dates 10/06/2017 to 10/06/2017

				Check	Physical Check Amount	Direct Deposit	Status
Check Date	Bank	Check Number	Name	Gross	CHECK AMOUNT		
10/06/2017	FNBCK	EFT152	FLEX SPENDING (TASC)	1,159.13	1,159.13	0.00	Open
10/06/2017	FNBCK -	EFT153	INTERNAL REVENUE SERVICE	21,936.40	21,936.40	0.00	Open
10/06/2017	FNBCK	EFT154	PRINCIPAL FINANCIAL	2,125.00	2,125.00	0.00	Open
10/06/2017	FNBCK	EFT155	PRINCIPAL FINANCIAL	1,245.99	1,245.99	0.00	Open
Totals:		1.6%	Number of Checks: 004	26, 466.52	26,466.52	0.00	
	otal Physical Che				Dir. Dep. 62,457.33		
To	otal Check Stubs:		4		\$88,923.8	5 4 4	

.0/11/2017 10:45 AM)B: Genoa Township

503FN TOTALS:

Total of 9 Checks:

Less 0 Void Checks:

Total of 9 Disbursements:

Iser: Tara

CHECK REGISTER FOR GENOA TOWNSHIP

1/1

Page:

CHECK NUMBERS 3258 - 3300

Amount Check Vendor Vendor Name heck Date Bank Bank 593FN LAKE EDGEWOOD OPERATING FUND #593 67.00 BRIGHTON ANALYTICAL , L.L.C. 593FN BRIGHTON 3258 19/27/2017 4,050.00 HARTLAND SEPTIC SERVICE, INC. HARTLAN 3259 19/27/2017 593FN 67.00 BRIGHTON BRIGHTON ANALYTICAL , L.L.C. 10/03/2017 593FN 3260 CITY OF BRIGHTON 18,631.34 593FN 3261 CITY B 10/03/2017 10,555.26 CITY OF BRIGHTON CITY B 10/03/2017 593FN 3262 853.83 DTE ENE DTE ENERGY 3263 L0/04/2017 593FN 67.00 BRIGHTON ANALYTICAL , L.L.C. BRIGHTON 10/10/2017 593FN 3264 932,50 CHARTER TOWNSHIP OF BRIGHTON CHARTERT L0/10/2017 593FN 3265 '3,575.82 DTE ENERGY 10/10/2017 593FN 3266 DTE ENE 593FN TOTALS: 38,799.75 Potal of 9 Checks: 0.00 Less 0 Void Checks: 38.799.75 Potal of 9 Disbursements: .0/08/2017 10:12 AM CHECK REGISTER FOR GENOA TOWNSHIP Page: 1/1 Jser: Angie CHECK NUMBERS 2192 - 2200)B: Genoa Township Amount theck Date Check Vendor Name Bank 595FN PINE CREEK OPERATING FUND #595 .0/03/2017 2192 CITY OF BRIGHTON 123,466.41 395FN TOTALS: 123,466.41 !otal of 1 Checks: 0.00 less 0 Void Checks: !otal of 1 Disbursements: 123,466.41 CHECK REGISTER FOR GENOA TOWNSHIP Page: 1/1 10/11/2017 10:50 AM User: Tara CHECK NUMBERS 4130 - 4200 DB: Genoa Township Amount Vendor Vendor Name Check Check Date Bank Bank 503FN DPW-UTILITIES #503 BLACKBU BLACKBURN MFG. CO. 291.91 503FN 4130 09/27/2017 135.00 JACK DOHENY SUPPLIES, INC. JACK DO 09/27/2017 503FN 4131 . 80.38 MASTER MEDIA SUPPLY MASTER M 503FN 4132 09/27/2017 1,784.85 ROYS AUTOWORKS CORP ROYS AU 09/27/2017 503FN 4133 486.59 USA BLUEBOOK USA BLUE 09/27/2017 503FN 4134 2,710.14 503FN 4135 WEX WEX BANK 10/03/2017 164.17 GORDON GORDON FOOD SERVICE 10/10/2017 503FN 4136 210.80 PORT CITY COMMUNICATIONS, INC. PORT CI 503FN 4137 10/10/2017 341.86 TRACTOR SUPPLY CO. TRACTOR 503FN 4138 10/10/2017

6,205.70

6,205.70

0.00

0/11/2017 10:46 AM ser: Tara B: Genoa Township

CHECK REGISTER FOR GENOA TOWNSHIP CHECK NUMBERS 4077 - 4100

Page: 1/1

heck Date	Bank	Check	Vendor	Vendor Name	Amount			
19/27/2017 19/27/2017 .0/04/2017	592FN 592FN 592FN	4077 4078 4079	ATING FUND #592 ALEX CHE BRIGHTON CONSUMER	ALEXANDER CHEMICAL CORPORATION BRIGHTON ANALYTICAL , L.L.C. CONSUMERS ENERGY DTE ENERGY	1,742.40 54.00 , 49.00 3,878.75			
.0/04/2017 .0/04/2017 .0/10/2017 .0/10/2017	592FN 592FN 592FN 592FN	4080 4081 4082 4083	DTE ENE DTE ENE AT&TLONG DTE ENE	DTE ENERGY ATET LONG DISTANCE DTE ENERGY	419.61 55.56 33.75			
592FN TOTA	LS:				6 022 07			
<pre>fotal of 7 Checks: Less 0 Void Checks:</pre>				*	6,233.07 0.00 6,233.07			
rotal of 7 D.	Fotal of 7 Disbursements:							

GENOA CHARTER TOWNSHIP BOARD Regular Meeting and Public Hearing October 2, 2017

MINUTES

Supervisor Rogers called the regular meeting of the Genoa Charter Township Board to order at 6:30 p.m., with the Pledge of Allegiance. The following members were present constituting a quorum for the transaction of business: Bill Rogers, Paulette Skolarus, Robin Hunt, Terry Croft, Diana Lowe and Jean Ledford. Absent – Jim Mortensen. Also present were Township Manager, Michael Archinal; Township Attorney, Joe Seward; and approximately 40 persons in the audience.

A Call to the Public was made with no response.

Approval of Consent Agenda:

Moved by Lowe and supported by Croft to approve all items listed under the consent agenda as requested. The motion carried unanimously.

- 1. Payment of Bills.
- 2. Request to Approve Minutes: September 18, 2017

Approval of Regular Agenda:

Moved by Ledford and supported by Croft to approve for action all items listed under the regular agenda as requested. The motion carried unanimously.

3. Presentation of the Township financial statements by auditor Ken Palka related to all Township funds and request to receive the annual audit for the Fiscal Year beginning April 1, 2016 through March 31, 2017.

Palka thanked the board for their continued support and offered his "unqualified opinion" that the financial records of the township are fairly and appropriately presented as a result of the audit. The township is in very good financial condition with all fund balances being in a good position. Moved by Skolarus and supported by Hunt to receive the annual audit as submitted. The motion carried unanimously.

4. Request for approval of Resolution No. 5A [amending the special assessment roll] for the Grand Oaks Road Improvement Project Reimbursement Special Assessment District previously approved for summer 2016.

Moved by Lowe and supported by Skolarus to approve Resolution No. 5A for the Grand Oaks Road Improvement Project as requested. The motion carried by roll call vote as follows: Ledford, Croft, Hunt, Lowe, Skolarus and Rogers. Nays – None. Absent – Mortensen.

- 5. First public hearing on the East and West Crooked Lake Aquatic Weed Control Project.
 - A. Call to the Public and Property Owners

A call to property owners and the public was made with the following response: Craig Lesley – The aquatic wed control project is working well. He thanked the board for their continued support.

B. Request for approval of Resolution No. 3 [approving the project, cost estimates, special assessment district and causing the special assessment roll to be prepared] for the East and West Crooked Lake Aquatic Weed Control Project Summer 2018.

Moved by Lowe and supported by Skolarus to approve Resolution No. 3 for the East and West Crooked Lake Aquatic Weed Control Project as requested. The motion carried by roll call vote as follows: Croft, Hunt, Lowe, Skolarus and Rogers. Absent – Mortensen. Abstain – Ledford.

C. Request for approval of Resolution No. 4 [acknowledging the filing of the special assessment roll, scheduling the second hearing, and directing the issuance of statutory notices] for the East and West Crooked Lake Aquatic Weed Control Project Summer 2018.

Moved by Hunt and supported by Skolarus to approve Resolution No. 4 for the East and West Crooked Lake Aquatic Weed Control Project as requested. The motion carried by roll call vote as follows: Ledford, Croft, Hunt, Lowe, Skolarus and Rogers. Nays – None. Absent – Mortensen.

6. Second public hearing on the Hillandale Road Improvement Project.

Skolarus advised the board of the following: The petitioner (Nicole Waligora) brought two petitions to her neighbors for consideration. The first petition proposed was to add gravel to the entire road, but was deemed too expensive by the homeowners. The second petition, the one used to petition the board, was to add four inches of gravel to the worst part of the road, grade the remaining sections, fill pot holes, crown the road an chloride the final product. Two letters of objection were received with 74% of the residents signing the petition.

A. Call to Property Owners and the Public.

A call to the public and property owners was made with the following response: Allen Pruchs – We are north of the hill and request that our property be removed from the district. Our road is fine in front of our home and we should only be charged for chloride. Nicole Waligora – Most neighbors are excited to get the work done. Our neighborhood fixes small portions of the road once or twice a year. There is still a benefit as property value will be increased. Sue Ringuette – I did not realize what was going on with this road. The first five houses on Hillandale are getting no benefit. It was not explained to the neighbors that gravel was only going to be added to the center. There were no competitive bids taken.

B. Request for approval of Resolution No. 5 [confirming the special assessment roll] for the Hillandale Road Improvement Project Summer 2018.

Moved by Skolarus and supported by Croft to approve Resolution No. 5 for the Hillandale Road Improvement project as requested. The motion carried by roll call vote

as follows: Ledford, Croft, Hunt, Lowe, Skolarus and Rogers. Nays – None. Absent – Mortensen.

7. Request for approval of 2018 meeting and holiday schedule.

It was the consensus of the board to approve the schedules adding a second meeting on Dec. 17, 2018.

The regular meeting and public hearing of the board was adjourned at 7:05 p.m.

Paulette A. Skolarus, Clerk

Genoa Charter Township Board

Resolution No. 5 – East and West Crooked Lakes Aquatic Weed Control Project Special Assessment Project (Summer 2018)

GENOA CHARTER TOWNSHIP

At a regular meeting of the Township Board of the Genoa Charter Township, Livingston County, Michigan, (the "Township") held at the Township Hall on October 16, 2017, at 6:30 p.m., there were

PRESENT:

ABSENT:

The following preamble and resolution were offered by

and seconded by

Resolution Confirming Special Assessment Roll

WHEREAS, the Board of Trustees of the Township has determined to proceed with the East and West Crooked Lake Aquatic Weed Control Improvement Project within the Township as described in Exhibit A (the "Project") and in accordance with Act No. 188, Michigan Public Acts of 1954, as amended;

WHEREAS, the Board of Trustees of the Township has determined to advance the costs of the Project from Township funds and to use special assessments to raise the money necessary to reimburse the Township for the advance of such funds;

WHEREAS, the Township Supervisor has prepared the Special Assessment Roll entitled Special Assessment Roll for East and West Crooked Aquatic Weed Control Improvement Project (Summer 2018) (the "Proposed Roll") and has filed the Proposed Roll with the Township Clerk;

WHEREAS, the Township Board has scheduled a public hearing on the Proposed Roll and notice of the hearing has been properly provided;

WHEREAS, the Township Board conducted the public hearing on the Proposed Roll on October 16, 2017.

NOW, THEREFORE, BE IT RESOLVED THAT:

- 1. <u>Roll Confirmed</u>. In accordance with Act No. 188, Michigan Public Acts of 1954, as amended, and the laws of the State of Michigan, the Township Board hereby confirms the Special Assessment Roll for the East and West Crooked Aquatic Weed Control Improvement Project (Summer 2018) (the "Roll").
- 2. <u>Future Installments Principal</u>. The Township Board determines that each special assessment may be paid in five installments. The first installment shall be due July 1, 2018.
 - 3. <u>Future Installments Interest.</u> All unpaid installments shall not bear interest.

- 4. <u>Warrant</u>. The Township Clerk is hereby directed to attach a warrant (in the form of Exhibit B to this resolution) to the Roll and to deliver such warrant and the Roll to the Township Treasurer, who shall thereupon collect the special assessments in accordance with the terms of this resolution, the Clerk's warrant and the statutes of the State of Michigan.
- 5. <u>Inconsistent Prior Resolutions</u>. All previously adopted resolutions that are in conflict with this resolution are repealed to the extent of such conflict.

A vote on the foregoing resolution was taken and was as follows:

YES:

NO:

ABSENT:

CLERK'S CERTIFICATE

The undersigned, being the duly qualified and acting Clerk of the Township, hereby certifies that (1) the foregoing is a true and complete copy of a resolution duly adopted by the Township Board at a meeting of the Township Board, at which meeting a quorum was present and remained throughout; (2) the original thereof is on file in the records in my office; (3) the meeting was conducted, and public notice thereof was given, pursuant to and in full compliance with the Open Meetings Act (Act No. 267, Public Acts of Michigan, 1976, as amended); and (4) minutes of such meeting were kept and will be or have been made available as required thereby.

Paulette A. Skolarus Genoa Charter Township Clerk October 16, 2017

EXHIBIT A

DESCRIPTION OF PROJECT A FIVE YEAR SPECIAL ASSESSMENT DISTRICT WITH PROJECTED COSTS AS FOLLOWS:

The unit cost per acre for the project will consist of:

Description	Total
2,4-D	\$380.00
Renovate OTF	\$450.00
Reward	\$215.00
Aquathol K/Hydrothol 191	\$205.00
Algaecides	\$40.00
Starry Stpmewprt	\$65.00
Survey (Both Lakes)	\$750.00

Suggested budget for 2018 Fluridone treatments 6ppb: \$35,016.00 to \$42,796.00

Additional requirements by DEQ \$10,500.00 to \$10,500.00

Estimated total cost for initial treatments \$45.516.00 to \$53,296.00

The five year estimated cost from 2018 until 2022 is projected to be \$100,000.00 (including publications and mailings for the establishment of the special assessment district). The estimate cost to each parcel is expected to be \$45.00 annually beginning in the summer of 2018. NOTE: Costs remain the same as the previous five-year district

Exhibit B

Warrant

WARRANT

TO: Treasurer

Genoa Township

Livingston County, Michigan

I certify that attached to this Warrant is a true copy of the special assessment roll for the Genoa Township East and West Crooked Lake Aquatic Weed Control Road Improvement Project (2018) (the "Roll") confirmed by the Township Board on October 16, 2017 (the "Confirming Resolution"). You are hereby directed to proceed to collect the amounts due on such Roll in accordance with this Warrant, the Confirming Resolution and the statutes of the State of Michigan.

Paulette A. Skolarus Genoa Charter Township Clerk October 16, 2017

Page: 1/1/ DB: Genoa Population: Special Assessment District (091817)

	DAD GET		LIBI MASESSMENC D.	OWNER
_	PARCEL	ASSESSMENT NAME A	ASSESSMENT	ADDRESS
	4711-21-201-007	091817, East West Cro	223.00	SUSALLA, JAMES & ANN MARIE P O BOX 701
	4711-21-201-008	091817, East West Cro	223.00	DAHM, WINFRIED & SUZANNE 3255 LAKEWOOD SHORES DR
	4711-21-201-009	091817, East West Cro	223.00	MYKOLS, DAVID T. & JENNIFER 3267 LAKEWOOD SHORES DR
	4711-21-201-010	091817, East West Cro	223.00	BOWMAN BARRIE TRUST 3279 LAKEWOOD SHORES DR
	4711-21-201-011	091817, East West Cro	223.00	BARKMEIER JOE & TICE ANN 3291 LAKEWOOD SHORES DR
	4711-21-201-055	091817, East West Cro	223.00	MAYDAY BRIAN & RENEE 3309 LAKEWOOD SHORES DR
	4711-21-201-056	091817, East West Cro	223.00	LEE, ROBERT & SUSAN 3345 LAKEWOOD SHORES DR
	4711-21-201-057	091817, East West Cro	223.00	DUFF GREGORY, LORI & 3363 LAKEWOOD SHORES DR
	4711-21-201-058	091817, East West Cro	223.00	NASH DAVID A 3381 LAKEWOOD SHORES DR
	4711-21-201-059	091817, East West Cro	223.00	NANKERVIS DONALD & LYNN 3399 LAKEWOOD SHORES DR
	4711-21-201-060	091817, East West Cro	223.00	MASROPIAN, VAUGHN & NOREEN 3417 LAKEWOOD SHORES DR
	4711-21-201-061	091817, East West Cro	223.00	ACEVEDO DULCE G TRUST 3435 LAKEWOOD SHORES DR
	4711-21-201-062	091817, East West Cro	223.00	WARNER, ANDREW & MARY 3453 LAKEWOOD SHORES DR
	4711-21-201-063	091817, East West Cro	223.00	CARPENTER, STANLEY & ROSE 3489 LAKEWOOD SHORES DR
	4711-21-201-064	091817, East West Cro	223.00	RUSSELL JEFFREY F TRUST 3507 LAKEWOOD SHORES DR
	4711-21-201-065	091817, East West Cro	223.00	RICHARDSON, WM. & DAWN 3525 LAKEWOOD SHORES DR
	4711-21-201-066	091817, East West Cro	223.00	LAWRENCE, JAMES R. & DIETLIND 3553 LAKEWOOD SHORES DR
	4711-21-201-067	091817, East West Cro	223.00	JACKSON JULEE 3561 LAKEWOOD SHORES DR
	4711-21-201-068	091817, East West Cro	223.00	MULLIGAN SEAN & LAURA 3579 LAKEWOOD SHORES DR
	4711-21-201-069	091817, East West Cro	223.00	BAUT GERALD M & DARLENE 3597 LAKEWOOD SHORES DR
	4711-21-201-070	091817, East West Cro	223.00	BATE MARK & MEDAWAR CATHERINE 3615 LAKEWOOD SHORES DR
	4711-21-201-071	091817, East West Cro	223.00	SECK JOHN F III & MERDITH K TRUST 3633 LAKEWOOD SHORES DR
	4711-21-201-072	091817, East West Cro	223.00	ZACK DAVID PAUL & LAURA 3651 LAKEWOOD SHORES DR
	4711-21-201-073	091817, East West Cro	223.00	LITERSKI, EDWIN & CATHY 3669 LAKEWOOD SHORES DR
	4711-21-201-074	091817, East West Cro	223.00	SUFFREDINI ROLANDO & VIOLET LTS 9.3 3687 LAKEWOOD SHORES DR
	4711-21-201-075	091817, East West Cro	223.00	CLISE TIMOTHY B & WENDY E 3705 LAKEWOOD SHORES DR
	4711-21-201-076	091817, East West Cro	223.00	SCHULTE CHARLES 3723 LAKEWOOD SHORES DR

Page: 2/17 DB: Genoa Population: Special Assessment District (091817)

	PARCEL	ASSESSMENT NAME AS		OWNER ADDRESS
_	4711-21-300-014	091817, East West Cro	223.00	CANAL ESTATE, LLC 2482 S. LATSON RD
	4711-21-301-001	091817, East West Cro	223.00	
	4711-21-301-009	091817, East West Cro	223.00	MCCREARY, WILLIAM & MARIANNE 3979 BROADMOOR CT
	4711-21-301-010	091817, East West Cro	223.00	LIECKFIELD JOINT LIVING TRUST 4015 BROADMOOR CT
	4711-21-400-005	091817, East West Cro	223.00	MORGAN PETER J. 5001 GROVER DR
	4711-21-400-006	091817, East West Cro	223.00	GRAHAM, KEITH/KAREN 4965 GROVER DR
	4711-21-400-011	091817, East West Cro	223.00	EXLINE JANINE 4800 GROVER DR
	4711-21-400-012	091817, East West Cro	223.00	LARSON, GERALD 101 TIMBER TRAIL
	4711-21-400-013	091817, East West Cro	223.00	LARSON, GERALD 101 TIMBER TRAIL
	4711-21-400-014	091817, East West Cro	223.00	GILLIGAN JR JAMES 4801 GROVER DR
	4711-21-400-020	091817, East West Cro	223.00	EATON ADAM & KATIE 4828 GROVER DR
	4711-21-400-021	091817, East West Cro	223.00	KERR, DONALD D. & CAROLYN J. 4540 SEIM
	4711-21-401-001	091817, East West Cro	223.00	LEEK, J. BRIAN & DEBORAH K. 3997 HOMESTEAD
	4711-21-401-002	091817, East West Cro	223.00	PERRI ROSEMARY 3985 HOMESTEAD
	4711-21-401-004	091817, East West Cro	223.00	GADBAW SHANE & KINI 3961 HOMESTEAD DR
	4711-21-401-006	091817, East West Cro	223.00	GADBAW, SHANE P. & KINI J. 3961 HOMESTEAD
	4711-21-401-008	091817, East West Cro	223.00	ANDREWS LAND TITLE STANDARD 9.3 3949 HOMESTEAD
	4711-21-401-012	091817, East West Cro	223.00	BRICHTA JOSEPH & ROSEMARIE 22831 ESTACADO
	4711-21-401-015	091817, East West Cro	223.00	MCLEAN BRIAN & GAIL 3919 HOMESTEAD
	4711-21-401-021	091817, East West Cro	223.00	ECKHOLD BARRY J 7132 POINT OF ROCKS CIR
	4711-21-401-023	091817, East West Cro	223.00	PEREIRA DENNIS S & PATRICIA C 11411 KATHERINE
	4711-21-401-024	091817, East West Cro	223.00	REIMONDO DONALD & KAREN 3943 HOMESTEAD
	4711-21-401-026	091817, East West Cro	223.00	PEAL, MICHAEL & MARY ANN TRUST 3883 HOMESTEAD
	4711-21-401-027	091817, East West Cro	223.00	DAVIS DONALD & JULIA 3907 HOMESTEAD
	4711-22-100-010	091817, East West Cro	223.00	TERNS DONALD & JUDITH 5440 SHARP DR
	4711-22-100-012	091817, East West Cro	223.00	HAGEN MICHAEL S 5450 SHARP DR
	4711-22-100-013	091817, East West Cro	223.00	HATCHER, ORA & CAROL P O BOX 2364

Page: 3/17 DB: Genoa Population: Special Assessment District (091817)

	ropulacion: S	pecial Assessment Di	
PARCEL	ASSESSMENT NAME	ASSESSMENT	OWNER ADDRESS
4711-22-100-014	091817, East West Cro	223.00	MAGGIO JAMES & ELAINE LTS 9.3 5470 SHARP DR
4711-22-100-015	091817, East West Cro	223.00	BOZYK ALAN TRUST 5480 SHARP DR
4711-22-100-016	091817, East West Cro	223.00	BOZYK ALAN TRUST 5480 SHARP DR.
4711-22-100-017	091817, East West Cro	223.00	DAVIS TRUST 5290 SHARP DR
4711-22-100-018	091817, East West Cro	223.00	HOWELL STEVEN D LIVING TRUST 5350 SHARP DR
4711-22-100-021	091817, East West Cro	223.00	SIWIK MICHAEL J & PATRICIA 5300 SHARP DR
4711-22-100-022	091817, East West Cro	223.00	BOUTROS HENRY & STARLING STACEY 111 S 4TH AVENUE STE 3
4711-22-100-023	091817, East West Cro	223.00	KOZA KENNETH M 5400 SHARP DR.
4711-22-100-024	091817, East West Cro	223.00	KOZA KENNETH M 5400 SHARP DR
4711-22-102-133	091817, East West Cro	223.00	HAZEN RALPH & SHARON 5260 EDGEWOOD SHORES DR
4711-22-102-134	091817, East West Cro	223.00	RADTKE-GERKIN SANDRA 5268 EDGEWOOD SHORES DR
4711-22-102-135	091817, East West Cro	223.00	MOONEY TIMOTHY P & NADINE A 5276 EDGEWOOD SHORES DR
4711-22-102-136	091817, East West Cro	223.00	PHILLIPS JOHN R & STACEY E 5284 EDGEWOOD SHORES DR
4711-22-102-137	091817, East West Cro	223.00	LYNN, BRIAN K. & JENNIFER J. 5292 EDGEWOOD SHORES DR
4711-22-102-138	091817, East West Cro	223,00	PETERSON BRADLEY R & JOYCE D 3150 ASPEN RIDGE COURT
4711-22-102-139	091817, East West Cro	223.00	BERTONCIN DAVID & CHERI 3158 ASPEN RIDGE COURT
4711-22-102-140	091817, East West Cro	223.00	BAKER WILLIAM & MARY LIFE ESTATE 3166 ASPEN RIDGE COURT
4711-22-200-010	091817, East West Cro	223.00	KUCZEK, WM. & VAN GORDON, MARY 5492 SHARP DR
4711-22-200-012	091817, East West Cro	223.00	LEDFORD TRUST 5733 PINERIDGE LANE
4711-22-200-017	091817, East West Cro	223,00	BEAUNE KAREN REVOCABLE LIVING TRUST 5780 OAK CREEK LANE
4711-22-200-026	091817, East West Cro	223.00	FISHER ROBERT T & CYNTHIA L 3371 MERROW LANE
4711-22-200-028	091817, East West Cro	223.00	NASTWOLD, DAVID J. & ASHLEY W. 3311 MERROW LANE
4711-22-200-029	091817, East West Cro	223.00	LANGHORST TRUST 3360 MERROW LANE
4711-22-201-001	091817, East West Cro	223.00	SCHMIDA LAWRENCE F LIVING TRUST 3385 PINERIDGE LANE
4711-22-201-002	091817, East West Cro	223.00	ANTON BRIAN & SHERRY 5630 GRIFFITH DR
4711-22-201-003	091817, East West Cro	223.00	LESLEY REVOCABLE JOINT TRUST 5680 GRIFFITH DR
4711-22-201-004	091817, East West Cro	223.00	JACKSON, DENNIS & CHERYL 5730 GRIFFITH DR

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	Population: Speci	al Assessment D.	
 PARCEL	ASSESSMENT NAME AS	SESSMENT	OWNER ADDRESS
4711-22-201-011	091817, East West Cro	223.00	K & V PROPERTIES LLC 33278 W. 11 MILE RD
4711-22-201-012	091817, East West Cro	223.00	KERESZTES-FISCHER, FRANK 5859 GRIFFITH DR
4711-22-201-019	091817, East West Cro	223.00	REDMOND STEVEN & PATRICIA TRUST 5755 GRIFFITH DR
4711-22-201-020	091817, East West Cro	223.00	WALTER, MATTHEW D. & EMILY A. 5735 GRIFFITH DR
4711-22-201-022	091817, East West Cro	223.00	FREDRICKSON, JILL L. 5655 GRIFFITH DR
4711-22-201-025	091817, East West Cro	223.00	BLONDY ELIZABETH 5625 GRIFFITH DR
4711-22-201-026	091817, East West Cro	223.00	SUREL MARK & JENNIFER 3333 PINERIDGE LANE
4711-22-201-027	091817, East West Cro	223.00	DUBY MICHAEL & CYNTHIA TRUST 5600 PINERIDGE LANE
4711-22-201-031	091817, East West Cro	223.00	ANDRUS MARK S & LISA E 5920 PINERIDGE LANE
4711-22-201-032	091817, East West Cro	223.00	WORKMAN TONY L & JUDITH A 5730 PINERIDGE LANE
4711-22-201-033	091817, East West Cro	223.00	PRIEST DONALD 5601 PINERIDGE LANE
4711-22-201-034	091817, East West Cro	223.00	RASOR, JOHN & MICHELLE 5655 PINERIDGE LANE
4711-22-201-036	091817, East West Cro	223.00	HICKS GEORGE & PAMELA 5944 GRIFFITH DR
4711-22-201-038	091817, East West Cro	223.00	HEBREW-WESTRAN BENNI L 5801 GRIFFITH DR
4711-22-201-039	091817, East West Cro	223.00	HARMAN, MICHAEL & DARCEE 5656 PINERIDGE LANE
4711-22-201-041	091817, East West Cro	223,00	LESLEY EDWIN & MARSHA 5680 GRIFFITH
4711-22-201-042	091817, East West Cro	223.00	MC GILL, ANTHONY D. & TRACY L. 5830 GRIFFITH DR
4711-22-201-045	091817, East West Cro	223.00	BISKUP MARY SUSAN TRUST 3466 DORR RD
4711-22-201-046	091817, East West Cro	223.00	RASOR, JOHN & MICHELE 5655 PINERIDGE LANE
4711-22-201-048	091817, East West Cro	223.00	MC GILL, ANTHONY D. & TRACY L. 5830 GRIFFITH DR.
4711-22-201-049	091817, East West Cro	223.00	BALAZOVICH, KENNETH J. & DARLENE M. 5844 GRIFFITH DR
4711-22-201-052	091817, East West Cro	223.00	HATT RALPH & DEBORAH 5704 PINERIDGE LANE
4711-22-201-055	091817, East West Cro	223.00	HEUVELMAN JACK & JUDITH TRUST 5778 PINERIDGE LANE
4711-22-201-056	091817, East West Cro	223.00	HARRIS JON W. 5835 GRIFFITH DR
4711-22-202-001	091817, East West Cro	223.00	WILSON, MARGUERITE E. 4465 FILBERT DR
4711-22-202-003	091817, East West Cro	223.00	THURSTON, DALE 3580 PINERIDGE LANE
4711-22-202-004	091817, East West Cro	223.00	MARTZ, KENNETH & CAROLE 3566 PINERIDGE LANE

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PARCEL	ASSESSMENT NAME	ASSESSMENT	OWNER ADDRESS
 4711-22-202-006	091817, East West Cro	223.00	PETTENGILL, PRISCILLA A-TRUSTE 608 W MAIN ST
4711-22-202-008	091817, East West Cro	223.00	BAKUN, RONALD A. 3530 PINERIDGE LANE
4711-22-202-009	091817, East West Cro	223.00	POYNTER TREASURE 3520 PINERIDGE LANE
4711-22-202-010	091817, East West Cro	223.00	MUSCH, ROBERT & DIANE 3500 PINERIDGE LANE
4711-22-202-011	091817, East West Cro	223.00	MUSCH ROBERT & DIANE 3500 PINERIDGE LANE
4711-22-202-013	091817, East West Cro	223.00	SIVAK THOMAS TRUSTEE 3480 PINERIDGE LANE
4711-22-202-014	091817, East West Cro	223.00	SLIDER RALPH & MARY 7230 CUESTA WAY DR NE
4711-22-202-016	091817, East West Cro	223.00	BALAGNA, MICHAEL & YVONNE 3450 PINERIDGE LANE
4711-22-202-017	091817, East West Cro	223.00	BETTES BEASELY DONNIE RLT 3430 PINERIDGE LANE
4711-22-202-018	091817, East West Cro	223.00	BROWN DOUGLAS C TRUST 3420 PINERIDGE LANE
4711-22-202-020	091817, East West Cro	223.00	LOCKLEAR TROY & REGINA 3406 PINERIDGE LANE
4711-22-202-021	091817, East West Cro	223.00	MARSHALL GARRY & DENISE 3390 PINERIDGE LANE
4711-22-202-023	091817, East West Cro	223.00	BENDER LIVING TRUST 3370 PINERIDGE LANE
4711-22-202-025	091817, East West Cro	223.00	HAYES JAMES & JOAN 3350 PINERIDGE LANE
4711-22-202-026	091817, East West Cro	223.00	NEMETH, MARY T. 3340 PINERIDGE LANE
4711-22-202-030	091817, East West Cro	223.00	KILLEWALD TOINI & DAVID 3320 PINERIDGE LANE
4711-22-202-031	091817, East West Cro	223.00	SCHELN STEVEN & MISUMI-SCHELM REIKO 40446 COVE CT
4711-22-300-004	091817, East West Cro	223.00	GOBLE ROGER W 3859 HIGHCREST
4711-22-300-005	091817, East West Cro	223.00	MACKOOL DAVID & MARILYN 3911 HIGHCREST
4711-22-300-006	091817, East West Cro	223.00	MICHALIK TIMOTHY & JILL 3915 HIGHCREST
4711-22-301-001	091817, East West Cro	223.00	MALOY FAMILY TRUST 3773 HIGHCREST
4711-22-301-002	091817, East West Cro	223.00	FISCHER, RICHARD JR. 3751 HIGHCREST
4711-22-301-004	091817, East West Cro		SCHWANITZ-SMITH FAMILY TRUST 1990 WILDING LANE
4711-22-301-007	091817, East West Cro	223.00	BOZYK GARY REVOCABLE TRUST 3719 HIGHCREST
4711-22-301-009	091817, East West Cro	223.00	CRANE HAROLD & SHARON REV. LIV. TR. 716 SPENCER
4711-22-301-010	091817, East West Cro	223.00	KIEFER MAUREEN M TRUST 3695 HIGHCREST
4711-22-301-015	091817, East West Cro	223.00	KARWOWSKI BRIAN 3673 HIGHCREST

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PARCEL	ASSESSMENT NAME ASS	ESSMENT	OWNER ADDRESS
 4711-22-301-017	091817, East West Cro	223.00	SHARP ALBERT W & MARIA ELIZABETH P O BOX 797
4711-22-301-043	091817, East West Cro	223.00	LONG RONALD LEE & OLGE 3723 HIGHCREST
4711-22-301-046	091817, East West Cro	223.00	EDWARDS LIVING TRUST 296 LAWTHORN
4711-22-302-001	091817, East West Cro	223.00	KELLER, DAVID & CHRISTINE 3766 NOBLE
4711-22-302-002	091817, East West Cro	223.00	MAIN JORDAN 3830 HIGHCREST
4711-22-302-003	091817, East West Cro	223.00	CEDAR, MICHAEL & NINA 3036 HIGHCREST
4711-22-302-004	091817, East West Cro	223.00	KREAGER. STEPHEN A. & SUSAN M. 996 GLENHILL DR
4711-22-302-008	091817, East West Cro	223.00	PHILLIPS, RICHARD F. & SANDRA A. 3855 HIGHCREST
4711-22-302-009	091817, East West Cro	223.00	MACZUGA, WILLIAM & JOSEPHINE 3847 HIGHCREST
4711-22-302-010	091817, East West Cro	223.00	GREEN LISA 3841 HIGHCREST
4711-22-302-011	091817, East West Cro	223.00	DROTOS JOHN LTS 9.3 3035 HIGHCREST
4711-22-302-012	091817, East West Cro	223.00	SHELTERS, BRIAN/LYNN P O BOX 155
4711-22-302-013	091817, East West Cro	223.00	SWEDER, THOMAS & KATHLEEN 30709 MAYVILLE
4711-22-302-014	091817, East West Cro	223,00	TANIS, JEFFREY & WANDA 3817 HIGHCREST
4711-22-302-015	091817, East West Cro	223.00	KEEFER SCOTT & JACQUELYN 3811 HIGHCREST
4711-22-302-016	091817, East West Cro	223.00	ROBERTS JOHN & MARICEL LIFE EST 3805 HIGHCREST
4711-22-302-017	091817, East West Cro	223.00	BEDERKA SCOTT 3783 HIGHCREST
4711-22-302-018	091817, East West Cro	223.00	PAGE, MICHAEL 3793 HIGHCREST
4711-22-302-036	091817, East West Cro	223.00	WILK COTTAGE LLC 22915 WATT DR.
4711-22-302-037	091817, East West Cro	223.00	MC DIARMID, DONALD & MARY 3738 NOBLE
4711-22-302-038	091817, East West Cro	223.00	PFEIFER, HENRY 3742 NOBLE
4711-22-302-039	091817, East West Cro	223.00	WERNETTE, WILLIAM P. 3746 NOBLE
4711-22-302-040	091817, East West Cro	223.00	CLARK JR PEYTON C 3750 NOBLE
4711-22-302-041	091817, East West Cro	223.00	KIRKWOOD PATRICK & SARAH 13109 BORGMAN AVE
4711-22-302-042	091817, East West Cro	223.00	BAILEY KEITH & TERRY 3758 NOBLE
4711-22-302-043	091817, East West Cro	223.00	GOEGLEIN CHRIS L & DEBRA J 4601 N WASHINGTON RD
4711-22-302-044	091817, East West Cro	223.00	KELLER, DAVE & CHRIS 3766 NOBLE

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PARCEL	ASSESSMENT NAME	ASSESSMENT	ADDRESS
4711-22-302-045	091817, East West Cro	223.00	KELLER, DAVID & CHRISTINE 3766 NOBLE
4711-22-302-052	091817, East West Cro		PATON DANIEL 3888 HIGHCREST
4711-22-302-053	091817, East West Cro		GREEN RODNEY P & GAIL J 3894 HIGHCREST
4711-22-302-054	091817, East West Cro		DRAGUN STELLA LTS 9.3 3900 HIGHCREST
4711-22-302-056	091817, East West Cro		ZBELL JOSEPH A 3910 HIGHCREST
4711-22-302-057	091817, East West Cro		BARTOLONUCCI, JOANN 3914 HIGHCREST
4711-22-302+058	091817, East West Cro		LINDSEY LEIGH 3920 HIGHCREST
4711-22-302-059	091817, East West Cro	223.00	COOK, ERIC & JODI 3924 HIGHCREST
4711-22-302-060	091817, East West Cro		COOK, GEORGE & BARBARA 3930 HIGHCREST
4711-22-302-061	091817, East West Cro		BLAIR JACQUELINE 3934 HIGHCREST
4711-22-302-062	091817, East West Cro		MESSING TRUST 3940 HIGHCREST
4711-22-302-063	091817, East West Cro	223.00	PERKOWSKI, ADAM J. II 3944 HIGHCREST
4711-22-302-064	091817, East West Cro		SOCIA LIVING TRUST 3950 HIGHCREST
4711-22-302-065	091817, East West Cro	223.00	CROWLEY, FLOYD J. 3956 HIGHCREST
4711-22-302-066	091817, East West Cro		PERRI JOSEPH JR. & MARIA D 3962 HIGHCREST
4711-22-302-067	091817, East West Cro		KERR, DONALD D. & CAROLYN J. 4540 SEIM RD.
4711-22-302-068	091817, East West Cro	223.00	KRUSE WILLIAM 3710 NOBLE
4711-22-302-069	091817, East West Cro	223.00	BREAZEALE PAMELA, BREAZEALE JOEL, 3714 NOBLE
4711-22-302-073	091817, East West Cro	223.00	BARTOLOMUCCI NICOLE 3968 HIGHCREST
4711-22-302-074	091817, East West Cro	223.00	DAVIDGE, MICHAEL & TIFFANEY 3974 HIGHCREST
4711-22-302-075	091817, East West Cro	223.00	BAKER WILLIAM & MARY 3166 ASPEN RIDGE CT
4711-22-302-076	091817, East West Cro	223.00	BOLAND MICHAEL A TRUST 3986 HIGHCREST
4711-22-302-077	091817, East West Cro	223.00	RICE REGINA & DEBRA 3994 HIGHCREST
4711-22-302-079	091817, East West Cro	223.00	BERNAS THERESE TRUST 4010 HIGHCREST
4711-22-302-080	091817, East West Cro	223.00	BOCHENEK, RICHARD J. 5082 WILLOW GROVE
4711-22-302-081	091817, East West Cro	223.00	KOSOSKI, JOHN 27358 KENNEDY DR
4711-22-302-082	091817, East West Cro	223.00	MACKAY GORDON 6130 N. CHIPMAN RD

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PARCE	L	ASSESSMENT N	AME	ASSESSMENT	OWNER ADDRESS
4711-	22-302-083	091817, East	West Cro	223.00	RACINE JAMES T & DAWN L 4050 HIGHCREST
4711-	22-302-086	091817, East	West Cro	223.00	LIMNIC, LLC 4093 HOMESTEAD DR.
4711=	22-302-156	091817, East	West Cro	223.00	NAGY EDNA & GRUBER DAVID 10742 S REED RD
4711-	22-302-157	091817, East	West Cro	223.00	WILSON RONALD A & LINDA K TRUST 4465 FILBERT DR.
4711-	22-302-158	091817, East	West Cro	223.00	STOTLER JOANNA C TRUST 4078 HIGHCREST
4711-	22-302-159	091817, East	West Cro	223.00	ELLIOTT, MICHAEL L. 4086 HIGHCREST
4711-	22-302-160	091817, East	West Cro	223.00	HUPP, WILLARD & LOIS - TRUST 4094 HIGHCREST
4711-	22-302-161	091817, East	West Cro	223.00	SHAPOSKA, THOMAS 4100 HIGHCREST
4711-	22-302-163	091817, East	West Cro	223.00	LINNE GREG/ LAURA & TURNBLOM NANCY 4114 HIGHCREST
4711-	22-302-164	091817, East	West Cro	223.00	LINNE HENRY TRUST 4118 HIGHCREST
4711-	22-302-165	091817, East	West Cro	223.00	MC CUSKER JUDY 4122 HIGHCREST
4711-	22-302-166	091817, East	West Cro	223.00	CHICK BARBARA A LIVING TRUST 4130 HIGHCREST
4711-	22-302-167	091817, East	West Cro	223.00	GRUBER CURTIS 7202 LOBDELL RD
4711-	22-302-168	091817, East	West Cro	223.00	SCHMITT TRUST 4142 HIGHCREST
4711-	22-302-169	091817, East	West Cro	223.00	SCHRAUDT, BOB 4150 HIGHCREST
4711-	22-302-170	091817, East	West Cro	223.00	WYATT JOHNATHAN 4158 HIGHCREST
4711-	22-302-172	091817, East	West Cro	223.00	EVANS ROD & TAMARA LIVING TRUST 4174 HIGHCREST
4711-	22-302-173	091817, East	West Cro	223.00	PERRI ANDREW 4684 CLIFFORD RD
4711-	22-302-174	091817, East	West Cro	223.00	LINARD ANDREW & BRITTANY 4190 HIGHCREST
4711-	22-302-175	091817, East	West Cro	223.00	CLARK, JOHN & ROSEANNA 4200 HIGHCREST
4711-	22-302-176	091817, East	West Cro	223.00	TENGEL, LAWRENCE & SYLVIA 4206 HIGHCREST
4711-	22-302-177	091817, East	West Cro	223.00	MANCINI DAVID & KATHY 4212 HIGHCREST
4711-	22-302-178	091817, East	West Cro	223.00	UNRUH, JON & BONNIE 4220 HIGHCREST
4711-	22-302-179	091817, East	West Cro	223.00	MILOSTAN LIFE ESTATE 4228 HIGHCREST
4711-	22-302-180	091817, East	West Cro	223.00	PB DEVELOPMENT LLC 46100 GRAND RIVER AVE.
4711-	22-302-181	091817, East	West Cro	223.00	RAFFERTY THOMAS 4244 HIGHCREST
4711-	22-302-184	091817, East	West Cro	223.00	BOOKER JOHN & CONNIE LIVING TRUST 4268 HIGHCREST

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	PARCEL	ASSESSMENT	NAME	ASSESSMENT	OWNER ADDRESS
	4711-22-302-185	091817, Ea	st West Cro	223.00	GRISCOM JANET E. 4276 HIGHCREST
	4711-22-302-186	091817, Ea	st West Cro	223.00	PARLOVE VINCENT A & AMY E 10408 OVERHILL DRIVE
	4711-22-302-187	091817, Ea	st West Cro	223.00	BERGIN PEPPER REVOCABLE LIV. TRUST 4292 HIGHCREST
	4711-22-302-188	091817, Ea	st West Cro	223.00	OLLEARIS LAWRENCE 4300 HIGHCREST
	4711-22-302-189	091817, Ea	st West Cro	223.00	KANGAS RICK J & NOELLE A 4620 HUNTINGTON DR
	4711-22-302-190	091817, Ea	st West Cro	223.00	VONBUSKIRK DONALD REV TRUST 4312 HIGHCREST
	4711-22-302-191	091817, Ea	st West Cro	223.00	BODNAR FRED & LAUREN 4074 ANCHOR LN
	4711-22-302-192	091817, Ea	st West Cro	223.00	KANGAS RICKY J & NOELLE A 4620 HUNTINGTON DR
	4711-22-302-193	091817, Ea	st West Cro	223.00	BURNETT MELISA & ROGER 4330 HIGHCREST
	4711-22-302-194	091817, Ea	st West Cro	223.00	MATTHEW JAMES L & KELLI B 4336 HIGHCREST
	4711-22-302-195	091817, Ea	st West Cro	223.00	ZIMINSKY, RICHARD 4342 HIGHCREST
	4711-22-302-196	091817, Ea	ist West Cro	223.00	SAMPSON JEFFREY & JENNIFER 4348 HIGHCREST
	4711-22-302-197	091817, Ea	ist'West Cro	223.00	GANGNIER JEFFREY & GINA LIV TRUST 4354 HIGHCREST
	4711-22-302-202	091817, Ea	ist West Cro	223.00	BOZYK JAMES D & KIMBERLY L 3850 HIGHCREST
	4711-22-302-204	091817, Ea	ast West Cro	223.00	CORNELIUSSEN PAUL A & JOY V 3880 HIGHCREST
	4711-22-302-206	091817, Ea	ast West Cro	223.00	BROCKWAY PATRICIA TRUST 175 SOLANO PRADO
	4711-22-302-209	091817, Ea	ist West Cro	223.00	BOWMAN BLAIR M REV LIVING TRUST 4252 HIGHCREST
	4711-22-303-001	091817, Ea	ist West Cro	223.00	DOANE THOMAS & PATTI MARSHALL- 3701 CRESTHILL DR
	4711-22-303-002	091817, Ea	ist West Cro	223.00	HEATHCOTE, DAVID & SUZETTE 49744 PARKSIDE DRIVE
	4711-22-303-003	091817, Ea	est West Cro	223.00	BERRY RICHARD & LOGAN LIZBETH 3677 CRESTHILL DR
	4711-22-303-005	091817, Ea	ast West Cro	223.00	SIUPIK, PAUL & KATHLEEN 3671 CRESTHILL DR
	4711-22-303-011	091817, Ea	ast West Cro	223.00	BOZYK JOSEPH & PATRICIA 3665 CRESTHILL DR
	4711-22-303-012	091817, Ea	ast West Cro	223.00	SIDDALL STEPHEN & STACIA 5011 GROVER DR
	4711-22-303-013	091817, Ea	ast West Cro	223.00	SASTRY A & LASTOSKIE C 202 ORCHARD HILLS DR
	4711-22-400-002	091817, Ea	ast West Cro	223.00	SROCK GARY K 3335 DIANNE
	4711-22-400-003	091817, Ea	ast West Cro	223.00	BOURDAS, H. & INGRAM, L. 44313 FAIR OAKS DR
	4711-22-400-004	091817, Ea	ast West Cro	223.00	CAMERON GREGREY D & MICHELE L 37731 W MEADOWHILL DR

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PARCEL	ASSESSMENT NAME AS	SESSMENT	OWNER ADDRESS
4711-22-400-005	091817, East West Cro	223.00	CAMERON GREGORY & MICHELE 37731 WEST MEADOWHILLS DR
4711-22-400-007	091817, East West Cro	223.00	CAMERON, JEFFREY & SARAH 2432 FREEMAN DR
4711-22-400-008	091817, East West Cro	223.00	LATHAM RONALD C & ALLEN RONDA S 3672 CONRAD RD
4711-22-400-009	091817, East West Cro	223.00	BECKNER ALLEN D & ALICE M 3679 CONRAD RD
4711-22-400-010	091817, East West Cro	223.00	STONE JODIE & JEFFREY 3830 CONRAD RD
4711-22-400+015	091817, East West Cro	223.00	WILSON BRADLEY K 5640 KENMAR DR
4711-22-400-016	091817, East West Cro	223.00	BLANEY, MARK D. & KRISTIN L. PO BOX 1896
4711-22-400-017	091817, East West Cro	223.00	SOSNOWSKI MATTHEW & SHERI 3485 PINERIDGE LANE
4711-22-400-018	091817, East West Cro	223.00	ROUTT, MICHAEL & ROBERTA 5750 KENMAR DR
4711-22-400-026	091817, East West Cro	223.00	PENNER, MICHAEL & ANDREA 3747 CONRAD RD
4711-22-400-027	091817, East West Cro	223.00	SELMI DONALD LIFE ESTATE 3718 CONRAD RD
4711-22-400-028	091817, East West Cro	223.00	SELMI DONALD LIFE ESTATE 3718 CONRAD RD
4711-22-400-029	091817, East West Cro	223.00	PENNER, KEITH & BARBARA 3732 CONRAD RD
4711-22-400-030	091817, East West Cro	223.00	PITZER JAN & ANNE 3680 DORR RD
4711-22-400-031	091817, East West Cro	223.00	FOX KATHRYN REVOCABLE TRUST 3640 DORR RD
4711-27-100-001	091817, East West Cro	223.00	BAKER EVAN 3937 HIGHCREST
4711-27-100-002	091817, East West Cro	223.00	HOLMES, THOMAS J. & SANDRA M. 3945 HIGHCREST
4711-27-100-003	091817, East West Cro	223.00	PAQUETTE JAMES & KATHERINE 3953 HIGHCREST
4711-27-100-004	091817, East West Cro	223.00	STANEK, JOHN 3975 HIGHCREST
4711-27-100-009	091817, East West Cro	223.00	BIERMANN CAREN 4263 CLIFFORD RD
4711-27-100-011	091817, East West Cro	223.00	BRADLEY, DEBRA MARIE 4271 CLIFFORD RD
4711-27-100-012	091817, East West Cro	223.00	CRANE PATRICIA & CYR RONALD 4283 CLIFFORD RD
4711-27-100-013	091817, East West Cro	223.00	BASSETT STEPHEN M & KELLY A 4295 CLIFFORD RD
4711-27-100-014	091817, East West Cro	223.00	POSZYWAK KEITH E 4301 CLIFFORD RD
4711-27-100-015	091817, East West Cro	223.00	NORMAND MARCEL & MARY 4137 CLIFFORD RD
4711-27-100-016	091817, East West Cro	223.00	GALENS DANIEL K & AMY E 4350 CLIFFORD RD
4711-27-100-030	091817, East West Cro	223.00	BIERMANN, CAREN M. 4263 CLIFFORD RD

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	roputacion: spe	scial Assessment Di.	OWNER
PARCEL	ASSESSMENT NAME	ASSESSMENT	ADDRESS
4711-27-100-034	091817, East West Cro		MERCIER, MARC F. & SHERYL C. 5054 WILLOW GROVE LANE
4711-27-100-035	091817, East West Cro		THAGARD JAMES & WENDY 5082 WILLOW GROVE LANE
4711-27-100-036	091817, East West Cro		PLUMMER KEITH & LINDSAY 5110 WILLOW GROVE LANE
4711-27-100-037	091817, East West Cro		DAVIS CHARLES & MARY LOU 5140 WILLOW GROVE LANE
4711-27-100-044	091817, East West Cro		HAVILAND CAROL K 6851 STOW RD
4711-27-100-045	091817, East West Cro		PELCHER JR, ROBERT C & LISA C 4127 CLIFFORD RD
4711-27-101-021	091817, East West Cro		LOT OWNERS 4103 ANCHOR LANE
4711-27-101-022	091817, East West Cro		WOODHAMS, THOMAS & DIANE 4030 ANCHOR LANE
4711-27-101-023	091817, East West Cro		BODNAR LAUREN & FRED 4074 ANCHOR LANE
4711-27-101-024	091817, East West Cro		VANHEES JARED & KAITLYN 4077 ANCHOR LANE
4711-27-101-025	091817, East West Cro		ZOPPA ROBERT J & STARLENE A 4103 ANCHOR LANE
4711-27-101-026	091817, East West Cro		BROZO ADAM & CYNTHIA 4102 ANCHOR LANE
4711-27-101-027	091817, East West Cro		RATKE RICHARD & MARTHA 4017 ANCHOR LANE
4711-27-101-028	091817, East West Cro		VASILOFF KEVIN & RACHEL 4041 ANCHOR LANE
4711-27-101-029	091817, East West Cro		GAUCI JONATHON A & MARNI A 4055 ANCHOR LANE
4711-27-101-030	091817, East West Cro		YANOCHKO DAVID & LINDA LIVING TRUST 4054 ANCHOR LANE
4711-27-101-031	091817, East West Cro	223.00	JACOBS, WILLIAM & JUDY TRUST 4121 ANCHOR LANE
4711-27-101-032	091817, East West Cro	223.00	JACOBS, WILLIAM & JUDY TRUST 4121 ANCHOR LANE
4711-27-103-001	091817, East West Cro	223.00	MC CAIG FAMILY TRUST 4394 SKUSA
4711-27-103-005	091817, East West Cro	223.00	BAKER, SUSAN L. 4382 SKUSA
4711-27-103-006	091817, East West Cro	223.00	WIESZCZYK FAMILY TRUST 4374 SKUSA
4711-27-103-010	091817, East West Cro	223.00	COOK LORI REVOCABLE TRUST #7 OAK POINT LANDING
4711-27-103-011	091817, East West Cro	223.00	COOK LORI REVOCABLE TRUST #7 OAK POINT LANDING
4711-27-103-015	091817, East West Cro	223.00	BRADSTREET, BRUCE & BARBARA 4340 SKUSA
4711-27-103-020	091817, East West Cro	223.00	ISMET, GARY W. & JOY 4314 SKUSA
4711-27-103-048	091817, East West Cro	223.00	BREIL GEORGE REVOCABLE TRUST PO BOX 21147
4711-27-103-055	091817, East West Cro	223.00	THUIS, THEODORE V. & JACKIE F. 4350 SKUSA

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Population: Special Assessment District (091817) OWNER ADDRESS ASSESSMENT NAME ASSESSMENT PARCEL MCMAHON DARRYL & SARAH 4711-27-103-060 091817. East West Cro 223.00 4326 SKUSA 4711-27-103-063 SPENSLEY, ROBERT L. & MARY 091817, East West Cro 223.00 4390 SKUSA LYDERS-PETERSEN GAIL L 4711-27-103-064 091817, East West Cro 223.00 1244 LONG LAKE CT 091817, East West Cro CODDINGTON, JOHN E. & CHRISTINE C. 4711-27-200-005 223,00 5981 CHALLIS RD WHITE LARRY H & CHRISTA L 091817, East West Cro 223.00 4711-28-100-014 4489 OAK POINTE DR 223.00 CLUB CORP. 4711-28-100-015 091817, East West Cro P O BOX 790830 LIBLER JEFFREY & MARY S 4711-28-100-023 091817, East West Cro 223.00 4151 ROSECREEK LANE ROSE CREEK LANE LLC 223.00 091817. East West Cro 4711-28-100-024 1135 MELBROOK DRIVE LANCASTER BLAKE N & SAUNDRA 4711-28-100-025 091817, East West Cro 223,00 4891 SPLIT RAIL LANE BROOKS MICHAEL & BERNA STREET-091817, East West Cro 223.00 4711-28-100-026 4067 ROSECREEK LANE 4711-28-101-047 091817, East West Cro 223.00 RUHMAN JOHN 4047 BROADMOOR CT RODRIGUEZ JUAN & GARCIA DANIELA 091817, East West Cro 223.00 4711-28-101-070 4211 COLONIAL CT SWAIN RANDY TRUST 4711-28-101-071 091817, East West Cro 223.00 4203 COLONIAL CT 091817, East West Cro 223.00 LAW FRANK F. IV & KAREN 4711-28-101-072 4195 COLONIAL CT SIEGEL ERIC & JENNIFER 4711-28-101-073 091817, East West Cro 223.00 4200 COLONIAL CT DENNIS, WILLIAM & HENDRICKS PAULA 4711-28-101-074 091817, East West Cro 223.00 4208 COLONIAL CT PERRI JOSEPH & MARIA 4711-28-200-001 091817, East West Cro 223,00 3962 HIGHCREST DR. 223.00 WILSON SCOTT, JERALD JR & GARRICK 4711-28-200-002 091817, East West Cro PO BOX 2190 WILSON RONALD A & LINDA K TRUST 4711-28-200-003 091817, East West Cro 223.00 4465 FILBERT DR. BROWN, ANGELA & CURT 4711-28-201-001 091817, East West Cro 223.00 4001 HOMESTEAD OSWALT, GEOFFREY 223.00 4711-28-201-002 091817, East West Cro 4003 HOMESTEAD KONYE JOHN D & ALYSA 091817, East West Cro 223.00 4711-28-201-003 4007 HOMESTEAD HARTLEY WILLIAM & JEFFREY 091817, East West Cro 223.00 4711-28-201-004 3901 HONORS TRACE JAMES M RACINE TRUST 4711-28-201-005 091817, East West Cro 223.00 5 ROBINDALE CT WOOD PETER DENISE & DANIELLE 4711-28-201-006 091817, East West Cro 223.00 202 S. 7TH STREET 091817, East West Cro 223.00 ST. GERMAIN MARK LIVING TRUST 4711-28-201-007 4027 HOMESTEAD ST. GERMAIN MARK LIVING TRUST 4711-28-201-008 091817, East West Cro 223.00 4027 HOMESTEAD

Tentative Special Assessment Listing for GENOA TOWNSHIP Population: Special Assessment District (091817) OWNER

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PARCEL	ASSESSMENT NAME	ASSESSMENT	OWNER ADDRESS
4711-28-201-011	091817, East West Cro	223.00	TUCZAK, FRANK D. & LORI 4045 HOMESTEAD
4711-28-201-012	091817, East West Cro	223.00	FLEMING THOMAS & DIANA 4049 HOMESTEAD
4711-28-201-013	091817, East West Cro		LANZON, OLIVER 4053 HOMESTEAD
4711-28-201-014	091817, East West Cro		MANCINI KAREN & LEO LTS 9.3 4057 HOMESTEAD
4711-28-201-017	091817, East West Cro		SIRLS LARRY & LISA LIFE ESTATE 4686 BRIGHTMORE RD.
4711-28-201-018	091817, East West Cro	223.00	JELNICKI REVOCABLE TRUST 3664 OLD CREEK
4711-28-201-019	091817, East West Cro		ELLERHOLZ PATRICK 4083 HOMESTEAD
4711-28-201-020	091817, East West Cro	223.00	SECHRIST THOMAS H & ROSEMARY J 4089 HOMESTEAD
4711-28-201-021	091817, East West Cro		BRUDER PETER H TRUST 4093 HOMESTEAD
4711-28-201-022	091817, East West Cro		GRACE DANIEL & LORRAINE 22670 AUTUMN PARK BLVD
4711-28-201-023	091817, East West Cro		HERRON DOUGLAS & POH KIM 4105 HOMESTEAD
4711-28-201-026	091817, East West Cro		CASOLI DANIEL J & CHRISTINE K 4121 HOMESTEAD
4711-28-201-027	091817, East West Cro	223.00	SCHROCK, EDWARD & JUSTINA 328 IVERNESS
4711-28-201-028	091817, East West Cro	223.00	KORENCHUK, DENNIS - TRUST 4141 HOMESTEAD
4711-28-201-029	091817, East West Cro	223.00	ROJOWSKI, STANLEY 4151 HOMESTEAD
4711-28-201-031	091817, East West Cro		SAVEDES MARIE 4159 HOMESTEAD
4711-28-201-032	091817, East West Cro	223.00	HEIDER THOMAS L 4165 HOMESTEAD
4711-28-201-033	091817, East West Cro	223.00	ZAMMIT, VICTOR & PATRICIA 4177 HOMESTEAD
4711-28-201-035	091817, East West Cro	223.00	WLODARCZAK JON & DANIELLE 4183 HOMESTEAD
4711-28-201-038	091817, East West Cro	223.00	WACLAWEK, MURIEL MCGRATH 4203 HOMESTEAD
4711-28-201-042	091817, East West Cro	223.00	O'BRIEN MARC & MELINDA 4225 HOMESTEAD
4711-28-201-044	091817, East West Cro	223.00	KOZAR PATRICIA & DAVE 4237 HOMESTEAD
4711-28-201-045	091817, East West Cro	223.00	LEWIS, JACK 4243 HOMESTEAD
4711-28-201-046	091817, East West Cro	223.00	WILSON SCOTT, JERALD JR & GARRICK PO BOX 2190
4711-28-201-047	091817, East West Cro	223.00	MC DONALD, KURT & NANCY 4261 HOMESTEAD
4711-28-201-050	091817, East West Cro	223.00	WHITE CRAIG R. 4277 HOMESTEAD
4711-28-201-052	091817, East West Cro	223.00	CLEMENTS, SCOTT & CYNTHIA 4291 HOMESTEAD

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PARCEL	ASSESSMENT NAME	ASSESSMENT	OWNER ADDRESS
4711-28-201-053	091817, East West Cro	223.00	CLARK, PAYTON III & KIM 4111 HOMESTEAD
4711-28-201-054	091817, East West Cro		WEATHERLY RICHARD TRUST 4195 HOMESTEAD
4711-28-201-055	091817, East West Cro	223.00	MCCORD MATTHEW M & KIMBERLY L 4065 HOMESTEAD
4711-28-201-056	091817, East West Cro		WILLIAMS JACKIE & LYNDA LIFE EST 4219 HOMESTEAD
4711-28-201-057	091817, East West Cro	223.00	VARNEY, BENJAMIN & KATHRYN 4700 HUNT ST
4711-28-202-001	091817, East West Cro	223.00	BROWN CURT & ANGELA 4001 HOMESTEAD DRIVE
4711-28-202-002	091817, East West Cro	223.00	KONYE JOHN D & ALYSA 4007 HOMESTEAD
4711-28-202-003	091817, East West Cro	223.00	RACINE JAMES M TRUST 5 ROBINDALE CT
4711-28-202-004	091817, East West Cro	223.00	RACINE JAMES M TRUST 5 ROBINDALE CT
4711-28-202-005	091817, East West Cro	223.00	GOODLING, CHESTER & LOUISE 26431 LA MUERA
4711-28-202-007	091817, East West Cro	223.00	KIRCHOFF, ALAN 4026 HOMESTEAD
4711-28-202-009	091817, East West Cro	223.00	VARNEY, BENJAMIN & KATHRYN 4700 HUNT ST
4711-28-202-010	091817, East West Cro	223.00	VARNEY, BENJAMIN & KATHRYN 4700 HUNT ST
4711-28-202-011	091817, East West Cro	223.00	FLEMING THOMAS J 4049 HOMESTEAD DR
4711-28-202-012	091817, East West Cro	223.00	FLEMING THOMAS J 4049 HOMESTEAD DR
4711-28-202-013	091817, East West Cro	223.00	MCCORD MATTHEW & KIMBERLY 4065 HOMESTEAD
4711-28-202-014	091817, East West Cro	223.00	MCCORD MATTHEW & KIMBERLY 4065 HOMESTEAD
4711-28-202-015	091817, East West Cro	223.00	SIRLS LISA J TRUST 4686 BRIGHTMORE RD.
4711-28-202-016	091817, East West Cro	223.00	HARMAN THORIN B 4084 HOMESTEAD
4711-28-202-017	091817, East West Cro	223.00	ELLERHOLZ PATRICK 4093 HOMESTEAD
4711-28-202-021	091817, East West Cro	223.00	MCGRATH JULIE ANN 4104 HOMESTEAD
4711-28-202-023	091817, East West Cro	223.00	DUNN, JOHN & KAREN 4120 HOMESTEAD
4711-28-202-025	091817, East West Cro	223.00	DUNN, JOHN & KAREN 4120 HOMESTEAD
4711~28~202~031	091817, East West Cro	223.00	SCHROCK, EDWARD & JUSTINA 328 IVERNESS
4711-28-202-032	091817, East West Cro	223.00	SAVEDES MARIE 10430 CURRY PALM
4711-28-202-033	091817, East West Cro	223.00	BITMAS RONALD 4120 HOMESTEAD
4711-28-202-034	091817, East West Cro	223.00	GRACE DANIEL & LORRAINE 22670 AUTUMN PARK BLVD

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	Population: Speci	al Assessment D	
PARCEL	ASSESSMENT NAME AS	SESSMENT	OWNER ADDRESS
4711-28-202-035	091817, East West Cro	223.00	SHANLIAN LESLIE M 4140 HOMESTEAD
4711-28-400-002	091817, East West Cro	223.00	WHITE LARRY H & CHRISTA 4489 OAK POINTE DR.
4711-28-400-003	091817, East West Cro	223.00	FORCIER FAMILY REVOCABLE TRUST 4495 OAK POINTE DR.
4711-28-400-013	091817, East West Cro	223.00	CLUB CORP. P O BOX 790830
4711-28-400-017	091817, East West Cro	223.00	OAK POINTE COMMUNITY ASSOC 1100 VICTOR WAY STE 50
4711-28-404-009	091817, East West Cro	223.00	AHMEDANI BRIAN & DANA 4526 LAKESHORE CT
4711-28-404-010	091817, East West Cro	223.00	RACHNER, RICHARD J. & KAREN 4514 LAKESHORE CT
4711-28-404-011	091817, East West Cro	223.00	HENDERSON, PAUL E.& CECILE R 4502 LAKESHORE CT
4711-28-404-012	091817, East West Cro	223.00	DAUBENMIER, MICHAEL & JUDITH 4490 LAKESHORE CT
4711-28-404-013	091817, East West Cro	223.00	AKHAVAN-TAFTI HASHEM REVOCABLE TRUS PO BOX 3910
4711-28-404-014	091817, East West Cro	223.00	GRIFFIN CURTIS D FAMILY TRUST 4466 LAKESHORE CT
4711-28-406-001	091817, East West Cro	223.00	LEYDA MARK & DIANE 4642 HUNTINGTON DR.
4711-28-406-002	091817, East West Cro	223.00	KRAMER ERIK & HEATHER 4364 OAK POINTE DR
4711-28-406-003	091817, East West Cro	223.00	NICHOLAS DAENA K TRUST 4569 OAK POINTE DR.
4711-28-406-004	091817, East West Cro	223.00	PATE WILLIAM D 4549 GOLF VIEW DR
4711-28-406-005	091817, East West Cro	223.00	GOMEZ ANGEL & TRACY 3811 HONORS WAY
4711-28-406-006	091817, East West Cro	223.00	LINARD, HOMER & LAURIE 4553 OAK POINTE DR
4711-28-406-007	091817, East West Cro	223.00	TERRY CHRISTOPHER & BOBBIE 3759 HONORS WAY
4711-28-406-008	091817, East West Cro	223.00	SCOTT JUDSON J & AMY L 4324 OAK POINTE DRIVE
4711-28-406-009	091817, East West Cro	223.00	BECK, DANIEL W. & STEPHANIE L. 4586 GLEN EAGLES DR
4711-28-406-010	091817, East West Cro	223.00	BECK, DANIEL W. & STEPHANIE L. 4586 GLEN EAGLES DR
4711-28-406-011	091817, East West Cro	223.00	SULLIVAN KEVIN 3690 HONORS WAY
4711-28-406-012	091817, East West Cro	223.00	ZERVOS STEPHEN M 5219 MORET CT.
4711-28-406-013	091817, East West Cro	223.00	TYLER SHARON LIVING TRUST 4892 CROOKED STICK CT
4711-28-406-014	091817, East West Cro	223.00	TERRY CHRISTOPHER & BOBBIE 3759 HONORS WAY
4711-28-406-015	091817, East West Cro	223.00	FOWLER, BETSY A. 4464 OAK POINTE DR
4711-28-406-016	091817, East West Cro	223.00	SPENSLEY CHRISTOPHER 4090 ST ANDREWS

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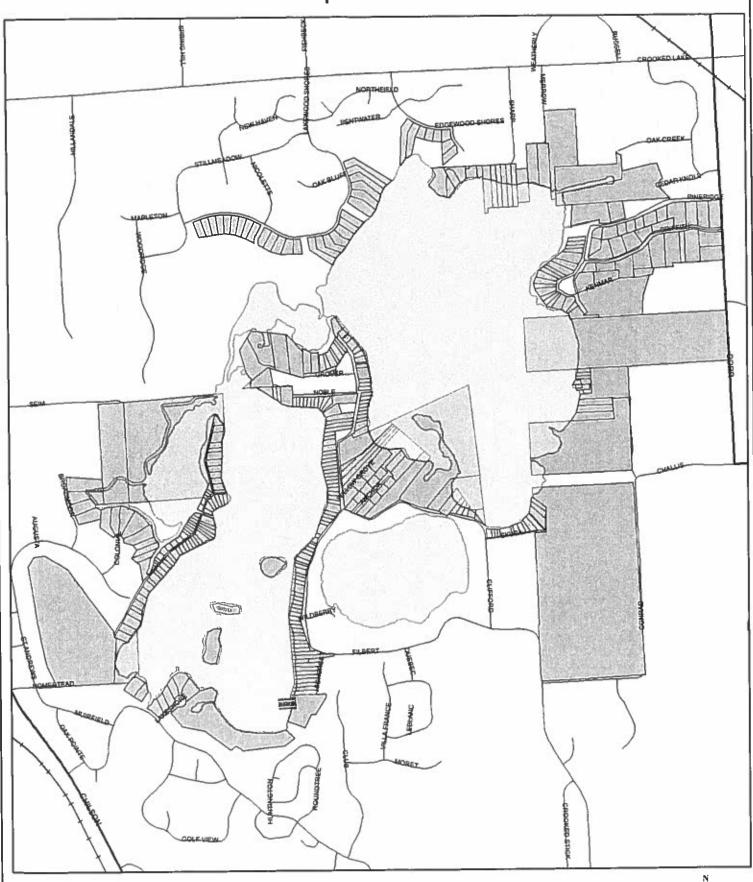
50	Population: Spe	cial Assessment D	
PARCEL	ASSESSMENT NAME	ASSESSMENT	OWNER ADDRESS
4711-28-406-017	091817, East West Cro	223.00	CARPENTER CARTER & LISA TRUST 4138 ST. ANDREWS
4711-28-406-018	091817, East West Cro	223.00	FOWLER JAMESB & BETSY A 4464 OAK POINTE DR.
4711-28-406-020	091817, East West Cro	223.00	DALLAFIOR KENNETH R & KAREN 4529 OAK POINTE DR.
4711-28-406-021	091817, East West Cro	223.00	DESAI, BIPIN & PAMELA P O BOX 518
4711-28-406-022	091817, East West Cro	223.00	FRATARCANGELI ALAN 4636 CLIFFORD
4711-28-406-023	091817, East West Cro	223.00	VILLAS OF OAK POINTE ASSOC. 1100 VICTORS WAY STE 50
4711-28-406-024	091817, East West Cro	223.00	VILLAS OF OAK POINTE ASSOC. 1100 VICTORS WAY STE 50
4711-28-406-025	091817, East West Cro	223.00	VILLAS OF OAK POINTE ASSOC. 1100 VICTORS WAY STE 50
4711-28-406-026	091817, East West Cro	223.00	VILLAS OF OAK POINTE ASSOC. 1100 VICTORS WAY STE 50
4711-28-406-027	091817, East West Cro	223.00	DIXON FAMILY AGREEMENT OF TRUST 4085 ST. ANDREWS
4711-28-406-028	091817, East West Cro	223.00	WELTON MARY JANE 4668 HUNTINGTON DR
4711-28-406-029	091817, East West Cro	223.00	NICHOLSON JEFFREY J & KAREN M 3673 HONORS WAY
4711-28-406-030	091817, East West Cro	223.00	DINGMAN JACQUELINE 8130 SOUTHSHORE DR
4711-28-406-031	091817, East West Cro	223.00	VERESPUT FAMILY TURST 4436 GULF VIEW DRIVE
4711-28-406-032	091817, East West Cro	223.00	MCCARTHY DENNIS & FEDERICO AMY 4633 OAK POINTE DR
4711-28-406-033	091817, East West Cro	223.00	CIOLEK TRUST 4233 AUGUSTA CT
4711-28-406-034	091817, East West Cro	223.00	KARN SHAUN 3923 HONORS BLUFF
4711-28-406-035	091817, East West Cro	223.00	FINGERLE MARK M & TRACY LEE 3771 HONORS WAY
4711-28-406-036	091817, East West Cro	223.00	WILKINS TRUST 4404 BRAEBURN CT
4711-28-406-037	091817, East West Cro	223.00	WALKER TODD & LYNDA 4811 CROOKED STICK
4711-28-406-038	091817, East West Cro	223.00	THIELS JOERG & THIELS MAUD 4131 ST ANDREWS
4711-28-406-039	091817, East West Cro	223.00	ANDERSON RONALD G & LISA A TRUST 42352 CRESTVIEW CIRCLE
4711-28-406-040	091817, East West Cro	223.00	MARTIN THOMAS & JUDY 4748 PINE EAGLES DR
4711-28-406-041	091817, East West Cro	223.00	KOWALENKO TERRY & JUDITH 4619 OAK POINTE DR.
4711-28-406-042	091817, East West Cro	223.00	MORGAN FREDERICK & MARYANNE 4628 HUNTINGTON DR.
4711-28-406-043	091817, East West Cro	223.00	GILDERSLEEVE CAROLE & FENTON JOY 4508 GOLF VIEW DRIVE
4711-28-406-044	091817, East West Cro	223.00	PECK, DAVID W. 4227 ST ANDREWS

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OWNER

PARCEL	ASSESSMENT NAME	ASSESSMENT	OWNER ADDRESS
4711-28-406-045	091817, East West Cro	223.00	MAGNUS, ROBERT & NANCY 4435 OAK POINTE DR
4711-28-406-046	091817, East West Cro	223.00	WITTBRODT MATTHEW 4688 MC DONALD CT
4711-28-406-047	091817, East West Cro	223.00	HARMON FAMILY TRUST 4433 GOLF VIEW DR.
4711-28-406-048	091817, East West Cro	223.00	MC LEAN JANNIFER 4683 ROUNDTREE
4711-28-406-049	091817, East West Cro	223.00	FOSSUM MICHAEL & NICOLE 4420 BRAEBURN CT.
4711-28-406-050	091817, East West Cro	223.00	GOLDSWORTHY, LINDA D. 4519 GOLF VIEW CT.
4711-28-406-051	091817, East West Cro	223.00	GILDERSLEEVE CAROLE J. TRUST 4508 GOLF VIEW
4711-28-406-052	091817, East West Cro	223.00	EDWARDS, J.A. JR. & CORINNE 4545 OAK POINTE
4711-28-406-053	091817, East West Cro	223.00	JOSEPH, JERROLD & JANET 4000 BROADMOOR CT
4711-28-406-054	091817, East West Cro	223.00	JOSEPH JERROLD & JANET 4000 BROADMOOR CT.
4711-28-406-055	091817, East West Cro	223.00	GUMINIK RONALD & ANNE 4725 HUNTINGTON DR
4711-28-406-056	091817, East West Cro	223.00	MILLER JEANETTE 4355 OAK POINTE DR.
4711-28-406-057	091817, East West Cro	223.00	GREENWOLD MATTHEW 4780 CROOKED STICK CT
4711-28-406-058	091817, East West Cro	223.00	SEMENOK KYLE W & WAYNE A 4774 PINE EAGLES DR
4711-28-406-059	091817, East West Cro	223.00	MUHN CRAIG W & TERI E 4388 BRAEBURN COURT
4711-28-406-060	091817, East West Cro	223.00	WARPINSKI MATT 3863 HONORS WAY
4711-28-406-061	091817, East West Cro	223.00	HILL THOMAS & PATRICIA 4736 HUNTINGTON DR
4711-28-406-062	091817, East West Cro	223.00	MASON DARRELL W & DANA D 4073 BROADMOOR

OF PARCELS: 450 TOTALS: 100,350.00

East and West Crooked Lake Aquatic Weed Control Proposed SAD



Legend

SAD Parcels 3-22-11



31 S Date: 3/22/2011



2911 Darr Road Brighton, MI 48116 810,227,5225 810,227,3420 fax genoa.org

MEMORANDUM

TO: Honorable Board of Trustees

FROM: Kelly VanMarter, Assistant Township Manager/Community Development

Director

DATE: October 12, 2017

RE: Cleary University Student Housing – Impact Assessment & Site Plan Approval

MANAGER'S REVIEW:

Attached please find the project file for the proposed 123 bed student housing building located on the campus of Cleary University at 3750 Cleary Drive. The property is located within the Cleary University Planned Unit Development (PUD) on parcel #11-05-400-068. The request is petitioned by University Housing Solutions and Cleary University.

Procedurally, projects within a PUD require the Planning Commission to make a recommendation to the Township Board for both the site plan and the Environmental Impact Assessment. The proposed building will be the second student housing building on campus and is designed to match the first building.

At the October 10, 2017 meeting the Planning Commission recommended approval of the Site Plan and Impact Assessment. A revised Site Plan and Impact Assessment were received from the applicant on October 11, 2017 which incorporated the Planning Commission comments. Based on the action of the Planning Commission and in response to the revised materials I suggest Board consideration of the following action:

 , Supported by ssment dated October 11, 2017 as subn		al
 Supported by	to approve the Site Plan date	d

1. The requirements outlined in the Brighton Area Fire Authority's letter of September 28, 2017 shall be met.

SUPERVISOR

Bill Rogers

CLERK

Paulette A. Skolarus

TREASURER

Robin L. Hunt

TRUSTEES

Jean W Ledford H. James Mortensen Terry Croft Diana Lowe

MANAGER

Michael C. Archinal

2.	The applicant shall work with the MHOG Authority regarding construction plan review
	and permits for the proposed water main.

3.	A water main easement sl	าall be	provided	prior to	o the i	issuance o	fa(Certificate of	
	Occupancy.								

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

Sincerely,

OPEN PUBLIC HEARING #2... Review of a site plan application, environmental impact assessment and site plan for proposed 123-bed student housing apartment building located on the south side of Grand River Avenue and the east side of Grand Oaks Drive, at 38750 Cleary Drive, Howell. The property is located in the Cleary University Planned Unit Development. The request is petitioned by Cleary University.

Planning Commission Recommendation of Petition:

- A. Recommendation of Environmental Impact Assessment.
- B. Recommendation of Site Plan.

Commissioner Grajek stated that his daughter works indirectly for Cleary University. She is an athletic trainer for a vendor contracted by the university. He does not have a fiduciary interest in Cleary University.

Brent LaVanway of Boss Engineering; Dave Howard, the Facility Director for Cleary University; and Alan Price of University Housing Solutions were present.

Mr. LaVanway stated they would like approval to put in the Student Housing Building #2. They received approval for the first housing building a few years ago and they are in need of a second one. It will include a parking lot and a loop road, which will meet the Fire Department's requirement for access. They will be extending the water main loop for fire suppression purposes. It is in compliance with the Cleary University PUD Agreement. They are in concurrence with the recommendations of the consultants.

Mr. Price presented building samples. They will be using the same materials as the existing building. The footprint is a mirror image of Building #1. It will have double-occupancy units sharing one common area, a bathroom, and a kitchen. Building #1 has 86 beds and this building will have 123 beds.

Ms. VanMarter reviewed Mr. Borden's letter dated October 5, 2017.

This building, similar to the last building, exceeds the maximum allowed for block and EFIS. They are recommending upgrades to the building materials or improvements to the landscape buffer. There are minor inconsistencies between the landscape plan and the plant list and these must be corrected.

Mr. Markstrom reviewed his letter of September 28, 2017. The applicant has addressed all of his previous concerns. He noted he is currently reviewing plans for an athletic field for Cleary University. Because of this, he would like to see a stormwater drainage master plan. The athletic field will have no effect on the plan being discussed this evening, but he would like to see it as part of the submittal for the athletic field.

Chairman Brown noted that that letter from the Brighton Area Fire Authority dated September 28, 2017 states the applicant has met all of the requirements from their last review letter.

Commissioner Figurski noted that throughout the Impact Assessment the number of beds is shown as 129 so it should be changed to 123. She would like the following

added to Item #C: "The Project is not anticipated to adversely impact the natural features".

Commissioner Rauch is concerned that the trees in the heavily wooded area that is being used for runoff are being negatively affected. Mr. LeVanway stated that the Drain Commissioner has noted that the water flowing into this area is gone within 48 hours after a typical storm. This is the natural flow of the water on this site. They are not anticipating adverse affects on the existing vegetation.

Commissioner Rickard asked if a wetland study was done on this site. Mr. LeVanway stated they have evaluated it and it is not regulated, and it is not contiguous to other wetlands.

Commissioner Rickard noted that there is no curbing shown on the parking lot. Mr. LeVanway stated they did not want to install the curb in the case they will be extending the parking and then it would have to be taken out. She would like to see it curbed. Commission Rauch agrees.

Call to the public was made at 8:52 pm with no response.

Moved by Figurski, seconded by Grajek, to recommend to the Township Board approval of the Environmental Impact Assessment for a 123-bed student housing apartment building petitioned by Cleary University with the following conditions:

- Page 3, Item C shall include "The Project is not anticipated to adversely impact the natural features".
- The total number of beds should state 123 and not 129.
- There shall be a maintenance scheduled and plan for the storm water pretreatment unit #CDS100.

The motion carried unanimously.

Moved by McManus, seconded by Rauch, to recommend to the Township Board approval of the Site Plan dated September 18, 2017 for a 123-bed student housing apartment building petitioned by Cleary University with the following conditions:

- The landscape requirements outlined in the LSL letter dated October 5, 2017 shall be met.
- The building materials are acceptable to the Planning Commission and are identical to that of Building #1, which was previously approved.
- Approval of the Impact Assessment by the Township Board.
- The applicant shall comply with the Brighton Area Fire Authority's letter dated September 28, 2017.
- The sample building materials shall become the property of the Township.
- Curbing shall be installed to the drive aisle of the parking lot.

The motion carried unanimously.



GENOA CHARTER TOWNSHIP Application for Site Plan Review

TO THE GENOA TOWNSHIP PLANNING COMMISSION AND TOWNSHIP BOARD:

APPLICANT NAME & ADDRESS: DAYSON BOYERS If applicant is not the owner, a letter of Authorization from Property Owner is needed.
OWNER'S NAME & ADDRESS: CLEARY UNIVERSITY, 3750 CLEARY OR, HOUSE
SITE ADDRESS: 3750 CLEARY DRIVE, HOWEY M/ PARCEL #(s): 4711-05-400-062
APPLICANT PHONE: (800) (86-1883 OWNER PHONE: (800) (86-1883
OWNER EMAIL: Sboyers@cleary.edu
LOCATION AND BRIEF DESCRIPTION OF SITE: CLEARY UNIVERSITY-LIVINGSTO
CAMPUS IS LOCATED ON SOUTH SIDE OF GRAND RIVER
IN HOWELL. SITE IS CORRENTLY USED FOR UNIVERSITY
CLASSES AND STUDENT HOUSING.
BRIEF STATEMENT OF PROPOSED USE: PROPOSED STUDENT HOUSING
BUILDING WITH 123 BEDS AT SOUTHEAST COENER
OF SITE. SOUTH OF CURRENT STUDENT HOUSING
BUILDING.
THE FOLLOWING BUILDINGS ARE PROPOSED: PROPOSED 3-STORY,
123 BED STUBENT HOUSING BUILDING.
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.
ADDRESS: 3750 (lowg Dr. Huzell MI 48443
ADDRESS: 3750 Clows Dr. Hunell MI 48443

	1.) Brent Lavanuay PE of Boss Engineering at brent basseng. Name Business Affiliation E-mail Address com
ĺ	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:	Jan	M Br	 DATE:	8-29-17	
			<u>↓</u> PHONE:	800-686-1883	x+ (0)
	•	_*	onell M)		

Planning Commission Genoa Township 2911 Dorr Road Brighton, Michigan 48116

Attention:	Kelly Van Marter, AICP	
	Planning Director and Assistant Township Manager	
Subject:	bject: Cleary University student housing – PUD Site Plan Review #2	
Location: 3750 Cleary Drive – south side of Grand River, between Grand Oaks and Latson F		
Zoning:	MUPUD Mixed Use Planned Unit Development	

Dear Commissioners:

At the Township's request, we have reviewed the revised PUD site plan (dated 9/18/17) proposing a new student housing apartment building for Cleary University.

The 29.6-acre site is currently developed with Cleary's Livingston Campus, which was approved as a MUPUD in 2015. We have reviewed the proposal in accordance with the applicable provisions of the Genoa Township Zoning Ordinance and the PUD Agreement for this property.

A. Summary

- 1. The proposed elevations, including colors and materials, are subject to review and approval by the Planning Commission.
- 2. The proposed building materials do not comply with the standards of Section 12.01.03.
- 3. In accordance with the decision to approve the first student housing building, we recommend the applicant be required to either:
 - a) Utilize building materials that comply with Section 12.01.03; or
 - b) Increase the landscape screening buffer for the property to the south.
- 4. There are minor inconsistencies between the landscape plan and plant list that must be corrected.

B. Proposal/Process

The applicant requests site plan review/approval for a new student housing apartment building. The 3-story building has a footprint of 12,786 square feet and will provide for 129 beds. The project is the second such building to be constructed on campus and mirrors the first building in the southeast corner of the site.

Exhibit C of the PUD Agreement lists "dormitories or student apartments accessory to a college" as a permitted use within this MUPUD.

Procedurally, the Planning Commission is to make a recommendation to the Township Board. The Township Board has the final review/approval authority over the proposal.



Aerial view of site and surroundings (looking north)

C. Site Plan Review

- 1. **Dimensional Requirements.** The dimensions provided on the proposed site plan are consistent with both the approved PUD concept plan and PUD Agreement, including setbacks, building height and lot coverage ratios.
- **2. Building Materials and Design.** The proposed elevations, including colors and materials, are subject to review and approval by the Planning Commission. The revised submittal includes a color rendering of the building for the Commission's consideration. The applicant should also be prepared to present a material sample board to the Commission at their upcoming meeting.

The revised building elevation drawings note the use of split face block veneer (72.7% of entire building) and EIFS (27.3%). Based on the total building coverage, the amount of both split face block and EIFS exceed the maximum percentage allowed by Section 12.01.03 (25% each).

Section 12.01.04 gives the Planning Commission discretion to allow the building materials as proposed based on the character of the surrounding area. In this instance, the materials match those used on the first student housing apartment building.

With that being said, the Planning Commission's meeting minutes from approval of the first building state that "in the event the second building is brought forward, the applicant should be aware that higher level building materials may be required and/or additional screening for the property to the south may be required."

We recommend the applicant either utilize higher quality materials (brick and stone) per the Ordinance or add significant landscape screening to the landscape plan south of the building.

3. Parking. Section 14.04 requires 65 parking spaces for the proposed student housing apartment building, while 68 are provided. This includes the 3 required barrier-free spaces.

Additionally, the design and dimensions of parking spaces and drive aisles meet or exceed the dimensional requirements of the Zoning Ordinance.

- **4. Pedestrian Circulation.** The site plan includes sidewalks around the proposed building and along the parking lot with connections to existing walkways.
- **5. Vehicular Circulation.** The project includes a driveway extension that will connect the southeast corner of the property to Cleary Drive, providing a full vehicular loop around this portion of campus.
- **6. Landscaping**. The landscape plan (Sheet 8) includes plantings within the parking lot, as well as around the building and within the courtyard created by the two buildings. The plan includes 18 deciduous trees, 5 evergreen trees, 64 coniferous shrubs, 202 deciduous shrubs and a mix of perennials and ornamental grasses.

Our only comments are tied to minor inconsistencies between the landscape plan and plant list, which must be corrected. Specifically, the quantities do not match for the Redosier Dogwood (CS), Koreanspice Viburnum (VC), Densiform Spreading Yew (TM), Knock Out Sunny Shrubs Rose (RKO), Miss Kim Lilac (SP), Blue Mammoth Hosta (HBM) and Pardon Me Daylily (HPM).

- 7. Waste Receptacle and Enclosure. The first student housing apartment building included a compliant waste receptacle and enclosure area. This area was designed to accommodate both the existing and proposed student housing buildings.
- **8.** Exterior Lighting. The lighting plan (Sheet 9) proposes 7 light poles throughout the parking lot, as well as 4 wall mounted fixtures at building entrances.

The light poles have a maximum height of 22 feet, the maximum on-site intensity is 9.7 foot-candles and the proposed fixtures are downward directed and cut-off, all of which comply with Ordinance standards.

9. Impact Assessment. The submittal includes a revised Impact Assessment (dated 9/18/17). In summary, the Assessment notes that the project is not anticipated to adversely impact natural features, public services/utilities, surrounding land uses or traffic.

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

Respectfully,

LSL PLANNING, A SAFEBUILT COMPANY

Brian V. Borden, AICP Planning Manager September 28, 2017

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

Re: Clearly Student Housing Phase 2 Site Plan Review #2

Dear Ms. Van Marter:

Tetra Tech conducted a site plan review of the revised Cleary Student Housing Phase 2 plans submitted by Boss Engineering. The plans are dated September 18, 2017, and the applicant is proposing a 3-story, 123 bed student housing building on the existing Cleary University Property.

Tetra Tech's initial review resulted in one comment pertaining to the stormwater drainage course downstream of the proposed detention pond outlet. After review, Boss Engineering has rerouted the stormwater drainage to a different, well defined, drainage course adjacent to the property and within an established drainage easement. With this revision we have no engineering related objections to approval of the site plan.

Sincerely,

Gary J. Markstrom, P.E. Unit Vice President

Marguerite K. Davenport Project Engineer

copy: Brent LaVanway. P.E., Boss Engineering, Inc.

BRIGHTON AREA FIRE AUTHORITY



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

September 28, 2017

Kelly VanMarter Genoa Township 2911 Dorr Road Brighton, MI 48116

RE: Cleary Residence Hall - Phase 2

3750 Cleary Drive Genoa Twp., MI

Dear Kelly,

The Brighton Area Fire Department has reviewed the above mentioned site plan. The plans were received for review on September 27, 2017 and the drawings are dated August 30, 2017 with latest revisions dated September 18, 2017. The project is based on a new proposed (R-2) student housing building that will accommodate 123 residents. The square footage is not listed with the submittal, however, the building will be three-stories in height. The plan review is based on the requirements of the International Fire Code (IFC) 2015 edition.

- 1. Include the new building address on future submittals. (Noted to be included once assigned)
- 2. The building shall be provided with an automatic sprinkler system in accordance with NFPA 13, Standard for the Installation of Automatic Sprinkler Systems, or 13R, Standard for the Installation of Automatic Sprinkler Systems in Residential Occupancies Up to and Including Four-Stories in Height. (Noted as required to be installed)

IFC 903

- A. The proposed FDC location is sufficient as submitted, but will require coordination with the fire suppression contractor.
- 3. Future project submittals shall include the address and street name of the project in the title block. (Current address noted, actual address will be included once assigned)

IFC 105.4.2

4. The building address shall be a <u>minimum</u> <u>of 6"</u> high letters of contrasting colors and be clearly visible from the street. The location and size shall be verified prior to installation. (Noted to be installed, location and size will be determined prior to final occupancy)

IFC 505.1

- 5. The south-side of the structure must be provided with fire lane signage on both sides of the drive. (Signage and detail are now shown on sheet 4)
- 6. The location of a key box (Knox Box) shall be indicated on future submittals. The Knox box will be located adjacent to the main entrance door of the structure. (Knox box is shown on sheet 4)

IFC 506.1

7. During the construction process the building will be evaluated for approved emergency responder radio coverage. If coverage is found to be inadequate, the contractor building



BRIGHTON AREA FIRE AUTHORITY

September 28, 2017 Page 2 Cleary Residence Hall - Phase 2 3750 Cleary Dr. Site Plan Review

owner will be required to provide an approved system in the building. (Noted that the building will require evaluation during construction)

IFC 510

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 Fire Marshal

IMPACT ASSESSMENT FOR "CLEARY UNIVERSITY STUDENT HOUSING APARTMENT #2" GENOA TOWNSHIP LIVINGSTON COUNTY, MI

Prepared for:

UNIVERSITY HOUSING SOLUTIONS, LLC c/o Mr. Alan Price
90 Hidden Ravines Drive
Powell, OH 43065

Prepared by:

BOSS ENGINEERING COMPANY 3121 E. GRAND RIVER HOWELL, MICHIGAN 48843 517-546-4836 BE Project No. 17-348

> August 30, 2017 Revised 9-18-2017 Revised 10-11-2017

INTRODUCTION

The purpose of this Impact Assessment (IA) report is to show the effect that this proposed development has on various factors in the general vicinity of the project. The format used for presentation of this report conforms to the *Submittal Requirements For Impact Assessment/Impact Statement* guidelines in accordance with Section 13.05 of the published Zoning Ordinance for Genoa Township, Livingston County, Michigan.

DISCUSSION ITEMS

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

Prepared By:
BOSS ENGINEERING COMPANY
3121 E. Grand River
Howell, Michigan 48843
Phone: 517-546-4836

Prepared For: Mr. Alan Price University Housing Solutions, LLC 90 Hidden Ravines Drive Powell, OH 43065

B. Description of the site, including existing structures, man made facilities, and natural features, all-inclusive to within 10' of the property boundary.

The subject site is located on the south side of Grand River Avenue, southeast of Cleary Drive and east of Grand Oaks Drive. The site improvement is located ON property owned by Cleary University. The acreage of the property affected is 29.60 acres. The property is located in the Northwest ¼ of Section 5, T2N-R5E, Genoa Township, Livingston County, Michigan. Current zoning of the site is MUPUD (Mixed Use Planned Unit Development).

The site is gently rolling with areas of steeper slopes and generally slopes from the Southeast to Northwest. Elevations vary between 1010.0± and 999.0±, respectively. Storm water management for the site includes storm sewer into an existing detention pond that was constructed as a part of the first student housing apartment. From the detention basin, the storm water is discharged at a controlled rate per Livingston County Drain Commissioner standards into an existing storm sewer that discharges to the wooded area in the southwest quadrant of the site.

Existing on-site utilities include overhead wires, a gravity sanitary sewer system, gas and electric services. An 8" watermain was stubbed at the southern end of the first student housing apartment for future connection.

An existing student housing building has been constructed in 2015/2016 and sits just north of the proposed second student housing building.

Adjacent properties include:

South – GenTech Industrial Park (zoned IND)

North - Belle Tire, Aco Hardware, Wendy's, McDonalds, KFC (zoned RCD)

East – Walmart (zoned NRPUD)

West – Industrial Buildings (zoned IND)

C. Impact on natural features: A written description of the environmental characteristics of the site prior to development, i.e., topography, soils, vegetative cover, drainage, streams, creeks or ponds.

As previously mentioned, subject site is gently rolling with areas of steeper slopes and generally slopes from the Southeast to the Northwest. Site elevations vary between 1010.0± and 999.0±. The USDA Soil Conservation Service "Soil Survey of Livingston County, Michigan", indicates native site soils consist of:

- 1. MIAMI LOAM (MoB), 2% to 6% slopes. Surface runoff is slow, permeability is moderate, and erosion hazard is slight.
- 2. MIAMI LOAM (MoE), 18% to 25% slopes. Surface runoff is rapid, permeability is moderate, and erosion hazard is severe.

Vegetative cover for the site includes lawn, low brush cover, and moderate canopy cover with a mixture of evergreen and deciduous trees. The project is not anticipated to adversely impact the site's natural features.

The National Wetland Inventory Plan prepared by the United States Department of the Interior, Fish and Wildlife Service indicates that there are no wetlands located on the site.

Site drainage from the proposed site will utilize both swales and storm sewer. The existing detention basin that was constructed as a part of the first student housing apartment project will be filled and a new basin constructed in the southwest quadrant of the site. The outlet of the proposed detention basin will release storm water at a controlled rate and discharge into the natural drainage course at the southwest corner of the subject property.

D. Impact on storm water management: description of soil erosion control measures during construction.

Surface runoff during periods of construction will be controlled by proper methods set forth by the Livingston County Drain Commissioner. These methods shall include silt fence, silt sacks, and seeding with mulch and/or matting.

At the time of construction, there may be some temporary dust, noise, vibration and smoke, but these conditions will be of relatively short duration and shall be controlled by applying appropriate procedures to minimize the effects, such as watering if necessary for dust control.

E. Impact on surrounding land use: Description of proposed usage and other man-made facilities; how it conforms to existing and potential development patterns. Effects of added lighting, noise or air pollution which could negatively impact adjacent properties.

The applicant is proposing to construct a new 123 bed student housing apartment and parking lot. The property on which site development is located is MUPUD (Mixed Use Planned Unit Development). The proposed building conforms to the existing and potential land development patterns in the area.

Proposed improvements will enhance current site conditions. The proposed project will have an access drive that finishes a loop for much improved site circulation as well as improved circulation of emergency vehicles. Additionally, the watermain is proposed to follow said access drive and connect to an existing watermain thereby completing a watermain loop. Loops in watermain enhance water circulation and reliability. There is a significant amount of trees/brush south of the existing parking lot that will need to be cleared. There are no significant natural features on site. Site improvements planned with the residence hall and parking lot, include the establishment of an open lawn space and landscaped areas. The landscaping meets the Genoa Township standards.

The layout was prepared taking into account the topography in order to balance the amount of earthwork required for proposed use. Site drainage will be controlled via swales and storm sewers

and will be restricted to Livingston County Drain Commission standard outlet rates. The proposed basin will accommodate the site improvements from the first student housing apartment as well as this new development as the previous detention basin is to be filled and a new one constructed. The storm water management plan utilizes the existing topographical features of the site by constructing a berm on the down gradient portion of a large natural drainage swale to create storm water storage. This method will allow nearly all trees to remain in the footprint of the basin other than those required for removal for the construction of said berm. The final outlet of the site storm water is a county drain.

Cleary Drive presently experiences a medium volume of traffic along with associated noise level generated from commercial vehicles. It is anticipated the proposed student housing apartment will cause no significant increase in traffic volume. The proposed residence hall is expected to accommodate some of the growth of the student enrollment as well as some of the existing students whom commute. The classrooms and other university facilities are centrally located and within close proximity which will reduce the use of vehicles by the residences.

Additional lighting is proposed on site and is to be directed away from adjacent properties to limit adverse affects of lighting. Existing and proposed landscaping along the property boundary will help serve as a visual buffer and as a noise buffer. Additional noise created by the residence will be minimal and due to the nature of the adjacent properties, rear of Walmart building to the east and Industrial facilities to the south, there will be no impact. There will be no increase in the amount of odor emanating from the site.

F. Impact on public facilities and services: Description of number of residents, employees, patrons, and impact on general services, i.e., schools, police, fire.

The student housing apartment is proposed to consist of 123 beds. This is an immediate increase of the number of people on site, other than typical university class hours. Normal police and fire protection services are anticipated.

G. Impact on public utilities: Description of public utilities serving the project, i.e., water, sanitary sewer, and storm drainage system. Expected flows projected in residential units.

There are new water and storm sewer drainage services proposed for the student housing apartment. A storm water system is proposed throughout the proposed parking lot and release into a proposed basin to the west of the student housing apartment. Watermain is proposed to connect to a stub that was constructed as a apart of the first student housing building and travel westerly and then northerly where it will connect to an existing 16" watermain. An alternative for watermain looping exists by connection the watermain to the existing watermain on the adjacent Wal-Mart property to the east. The adjacent property owner would not allow an easement for connection previously. There is an existing gravity sanitary sewer system that was constructed as a part of the first student housing project. A lead for the proposed building has been installed and must only be extended to the proposed building.

The proposed project will utilize a mechanical pretreatment structure as a method of storm water treatment prior to release into the detention basin. The mechanical pretreatment structure shall be inspected semi-annually(every 6 months) for accumulated sediment and debris in its chamber. The structure should be cleaned out on an as needed basis determined by the semi-annual maintenance schedule inspections.

H. Storage or handling of any hazardous materials: Description of any hazardous materials used, stored, or disposed of on-site.

Cleary University will not be storing or handling any hazardous materials in this building.

I. Impact on traffic and pedestrians: Description of traffic volumes to be generated and their seffect on the area.

The proposed student housing apartment will house students who currently live in apartment complexes in the surrounding community. The proposed student housing apartment will be dedicated to housing these local commuter students first. This will reduce the trips generated to and from campus. Based on the Institute of Transportation Engineers, Trip Generation 6th edition, an average student on weekdays generates 2.38 trip ends. The housing apartments are proposed to have 123 beds therefore creating a site reduction of 293 trips (123 students x 2.38 trips/student). The reduction will be on Grand River Avenue. Students will have pedestrian access to Wal-Mart and nearby restaurants. Site circulation will be improved due to the connection of the proposed parking lot to the Cleary Drive intersection that is central to the site.

J. Special provisions: Deed restrictions, protective covenants, etc.

There are no special provisions for this development.

K. Description of all sources:

- Genoa Township Zoning Ordinance
- "Soil Survey of Livingston County, Michigan" Soil Conservation Services, U.S.D.A.
- National Wetlands Inventory, U.S. Department of Interior, Fish and Wildlife Service
- Cleary University Topographic Surveys (BE #04148 April 2004) (BE #14-175 July 2014)
- ITE, Trip Generation Manual, 6th edition

SITE PLAN FOR

CLEARY UNIVERSITY STUDENT HOUSING APARTMENT #2 PART OF SE 1/4, SECTION 5, T2N-R5E GENOA TOWNSHIP, LIVINGSTON COUNTY, MICHIGAN 3750 CLEARY DRIVE, HOWELL, MI 48843

PROPERTY DESCRIPTION:

Part of the Southeast 1/4 of Section 5, T2N-R5E, Genoa Township, Livingston County, Michigan, more particularly described as follows: Beginning at the South 1/4 Corner of Section 5; thence along the North-South 1/4 line of Section 5 and the East line of Amended Plat of "Grand Oaks Commercial Park", as recorded in Liber 25 of Plats, Pages 40—41, Livingston County Records, N 02°17'10" E, 1094.27 feet (recorded as N 02°18'30" E, 1094.51 feet); thence S 82 34'46" E, 2.26 feet (recorded as S 86 44'03" E, 2.26 feet; thence S 88°40'21" E, 350.12 feet (recorded as S 88°45'00" E, 350.84 feet); thence S 01°15'00" W, 200.00 feet; thence S 88°31'00" E, 243.35 feet; thence N 01°27'55" E, 72.00 feet; thence S 60°51'00" E, 137.35 feet; thence N 29°12'13" E, 522.97 feet (recorded as N 29°09'00" E, 523.23 feet); thence along the Southerly Right of Way line of Grand River Avenue (100 foot wide Right of Way), S 60°48'55" E, 215.54 feet (recorded as S 60°51'00" E, 216.00 feet); thence S 20°42'05" W, 133.37 feet (recorded as S 20°49'00" W, 133.34 feet); thence southerly on an arc left, having a length of 77.61 feet, a radius of 230.00 feet, a central angle of 19°19'40", and a long chord which bears S 11°02'04" W, 77.22 feet; thence S 01°22'04" W (recorded as S 01°29'00" W), 358.87 feet; thence S 60°51'00" E, 193.29 feet; thence S 01°32'54" W (recorded as S 01°29' W), 598.48 feet; thence along the South line of Section 5, N 89°16'17" W 1282.22 feet (recorded as N 89°18'11" W, 1281.80 feet), to the POINT OF BEGINNING, containing 29.60 acres, more or less, and subject to the rights of the public over the existing Grand River Avenue. Also subject to and including the use of Cleary Drive (66 foot wide Right of Way). Also subject to any other easements or restrictions of record.

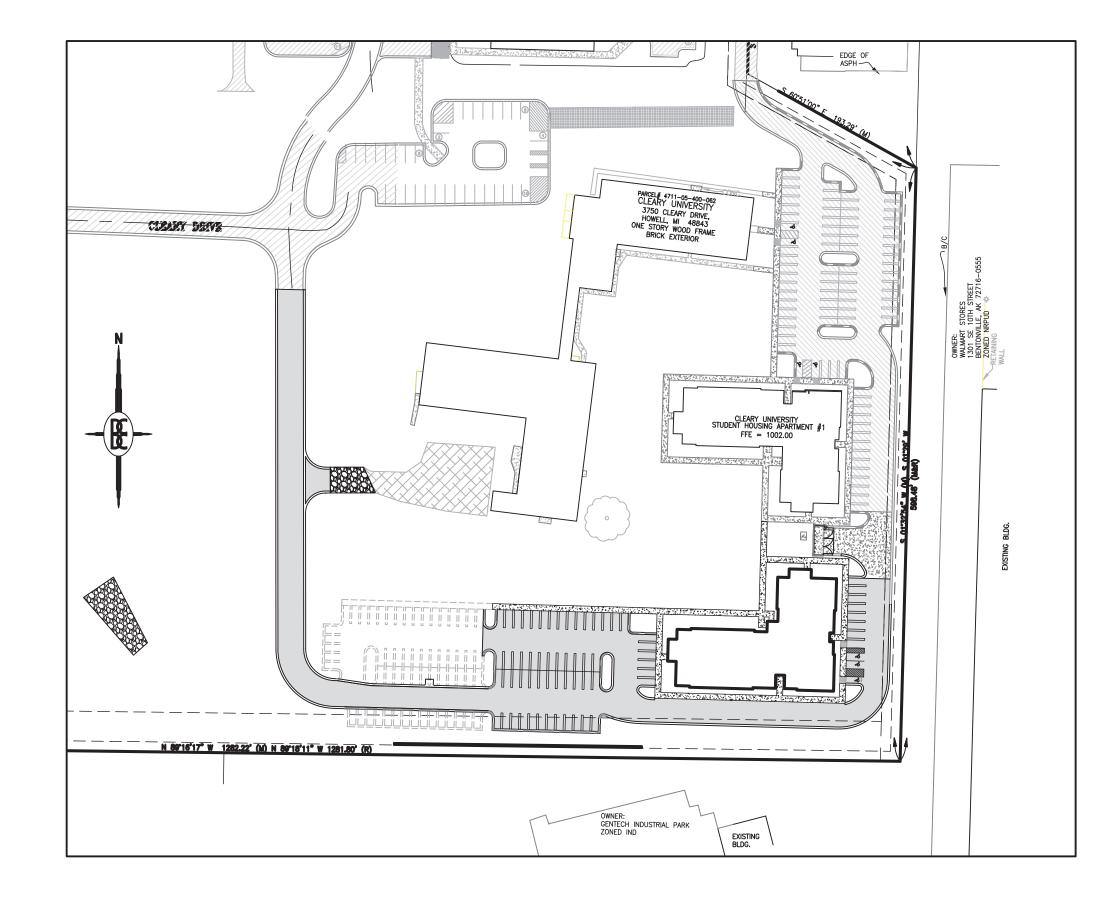
CONSTRUCTION NOTES

THE CONTRACTOR SHALL COMPLY WITH THE FOLLOWING NOTES AND ANY WORK INVOLVED SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT

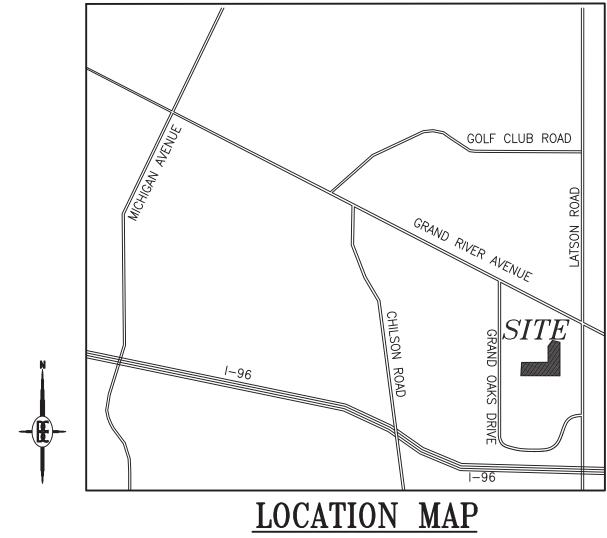
- 7. PAVED SURFACES, WALKWAYS, SIGNS, LIGHTING AND OTHER STRUCTURES SHALL BE MAINTAINED IN A SAFE, ATTRACTIVE CONDITION AS ORIGINALLY DESIGNED AND
- 8. ALL BARRIER-FREE FEATURES SHALL BE CONSTRUCTED TO MEET ALL LOCAL, STATE AND A.D.A. REQUIREMENTS.
- 9. ANY DISCREPANCY IN THIS PLAN AND ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE DESIGN ENGINEER PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL SETBACKS, EASEMENTS AND DIMENSIONS SHOWN HEREON BEFORE BEGINNING CONSTRUCTION.
- 10. THE CONTRACTOR SHALL CONTACT ALL OWNERS OF EASEMENTS, UTILITIES AND RIGHTS-OF-WAY, PUBLIC OR PRIVATE, PRIOR TO THE START OF CONSTRUCTION. 11. THE CONTRACTOR SHALL COORDINATE WITH ALL OWNERS TO DETERMINE THE LOCATION OF EXISTING LANDSCAPING, IRRIGATION LINES & PRIVATE UTILITY LINES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING LANDSCAPING, IRRIGATION LINES, AND PRIVATE UTILITY LINES.
- 12. THE CONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE UPON COMPLETION OF THE PROJECT. 13. THE CONTRACTOR SHALL MAINTAIN THE SITE IN A MANNER SO THAT WORKMEN AND PUBLIC SHALL BE PROTECTED FROM INJURY, AND ADJOINING PROPERTY
- PROTECTED FROM DAMAGE.
- 14. THE CONTRACTOR SHALL KEEP THE AREA OUTSIDE THE "CONSTRUCTION LIMITS" BROOM CLEAN AT ALL TIMES.
- 15. THE CONTRACTOR SHALL CALL MISS DIG A MINIMUM OF 72 HOURS PRIOR TO THE START OF CONSTRUCTION. 16. ALL EXCAVATION UNDER OR WITHIN 3 FEET OF PUBLIC PAVEMENT, EXISTING OR PROPOSED SHALL BE BACKFILLED AND COMPACTED WITH SAND (MDOT CLASS II).
- 17. ALL PAVEMENT REPLACEMENT AND OTHER WORKS COVERED BY THESE PLANS SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE TOWNSHIP,
- INCLUDING THE LATEST MICHIGAN DEPARTMENT OF TRANSPORTATION (MDOT) SPECIFICATIONS FOR HIGHWAY CONSTRUCTION. 18. THE CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE TO EXISTING UTILITIES.
- 19. NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR ANY DELAY OR INCONVENIENCE DUE TO THE MATERIAL SHORTAGES OR RESPONSIBLE DELAYS DUE TO THE OPERATIONS OF SUCH OTHER PARTIES DOING WORK INDICATED OR SHOWN ON THE PLANS OR IN THE SPECIFICATION OR FOR ANY REASONABLE DELAYS IN CONSTRUCTION DUE TO THE ENCOUNTERING OR EXISTING UTILITIES THAT MAY OR MAY NOT BE SHOWN ON THE PLANS
- 20. DURING THE CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL NOT PERFORM WORK BY PRIVATE AGREEMENT WITH PROPERTY OWNERS ADJACENT TO THE
- 21. IF WORK EXTENDS BEYOND NOVEMBER 15, NO COMPENSATION WILL BE DUE TO THE CONTRACTOR FOR ANY WINTER PROTECTION MEASURES THAT MAY BE REQUIRED BY THE ENGINEER.
- 22. NO TREES ARE TO BE REMOVED UNTIL MARKED IN THE FIELD BY THE ENGINEER.
- 23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE PROPERTY BEYOND THE CONSTRUCTION LIMITS INCLUDING BUT NOT LIMITED TO EXISTING
- 24. ALL AREAS DISTURBED BY THE CONTRACTOR BEYOND THE NORMAL CONSTRUCTION LIMITS OF THE PROJECT SHALL BE SODDED OR SEEDED AS SPECIFIED OR DIRECTED BY THE ENGINEER.
- 25. ALL ROOTS, STUMPS AND OTHER OBJECTIONABLE MATERIALS SHALL BE REMOVED AND THE HOLE BACKFILLED WITH SUITABLE MATERIAL. WHERE GRADE CORRECTION IS REQUIRED, THE SUBGRADE SHALL BE CUT TO CONFORM TO THE CROSS-SECTION AS SHOWN IN THE PLANS.
- 26. TRAFFIC SHALL BE MAINTAINED DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL SIGNS AND TRAFFIC CONTROL DEVICES. FLAG PERSONS SHALL BE PROVIDED BY THE CONTRACTOR IF DETERMINED NECESSARY BY THE ENGINEER. ALL SIGNS SHALL CONFORM TO THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AT NO COST TO THE TOWNSHIP. NO WORK SHALL BE DONE UNLESS THE APPROPRIATE TRAFFIC CONTROL DEVICES ARE IN PLACE. 27. ALL DEMOLISHED MATERIALS AND SOIL SPOILS SHALL BE REMOVED FROM THE SITE AT NO ADDITIONAL COST, AND DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.
- 28. AFTER REMOVAL OF TOPSOIL, THE SUBGRADE SHALL BE COMPACTED TO 95% OF ITS UNIT WEIGHT.
- 29. ALL GRADING IN THE PLANS SHALL BE DONE AS PART OF THIS CONTRACT. ALL DELETERIOUS MATERIAL SHALL BE REMOVED FROM THE SUBGRADE PRIOR TO
- 30. NO SEEDING SHALL BE DONE AFTER OCTOBER 15 WITHOUT APPROVAL OF THE ENGINEER.
- 31. ANY EXISTING APPURTENANCES SUCH AS MANHOLES, GATE VALVES, ETC. SHALL BE ADJUSTED TO THE PROPOSED GRADE AND SHALL BE CONSIDERED INCIDENTAL
- 32. SOIL EROSION MEASURES SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL VEGETATION HAS BEEN RE-ESTABLISHED.
- 33. ALL PERMANENT SIGNS AND PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST REVISION OF THE MICHIGAN MUTCD MANUAL AND SHALL BE INCIDENTAL TO THE CONTRACT.

INDEMNIFICATION STATEMENT

THE CONTRACTOR SHALL HOLD HARMLESS THE DESIGN PROFESSIONAL, MUNICIPALITY, COUNTY, STATE AND ALL OF ITS SUB CONSULTANTS, PUBLIC AND PRIVATE UTILITY COMPANIES, AND LANDOWNERS FOR DAMAGES TO INDIVIDUALS AND PROPERTY, REAL OR OTHERWISE, DUE TO THE OPERATIONS OF THE CONTRACTOR AND/OR THEIR SUBCONTRACTORS.



OVERALL SITE MAP NO SCALE



NO SCALE

SHEET INDEX			
SHEET NO.	DESCRIPTION		
1 2 3 4 5 6 7 8 9 10 11 12	COVER SHEET EXISTING CONDITIONS & DEMOLITION PLAN OVERALL SITE PLAN SITE PLAN GRADING & SOIL EROSION CONTROL PLAN DRAINAGE PLAN UTILITY PLAN LANDSCAPE PLAN LIGHTING PLAN CONSTRUCTION DETAILS WATER MAIN STANDARD DETAILS SANITARY SEWER STANDARD DETAILS		
	ARCHITECTURAL SHEETS		
A-001 A-002 A-201 A-202	FIRST FLOOR PLAN SECOND & THIRD FLOOR PLAN ELEVATIONS RENDERINGS		

CLEARY UNIVERSITY STUDENT HOUSING APARTMENT #2

PREPARED FOR:



UNIVERSITY HOUSING SOLUTIONS, LLC 90 HIDDEN RAVINES DRIVE POWELL, OH 43065 CONTACT: MR. ALAN PRICE 866.711.7786

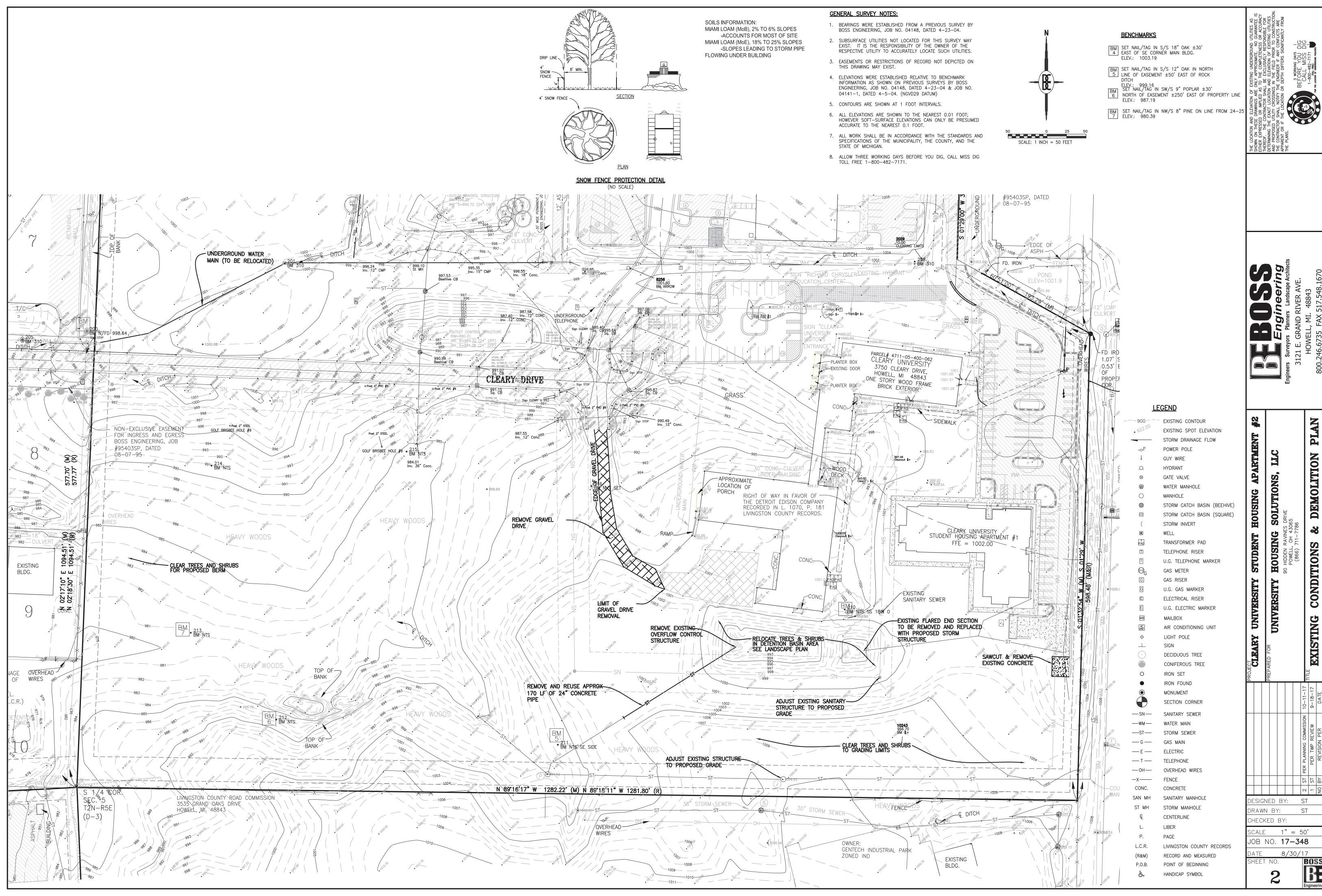
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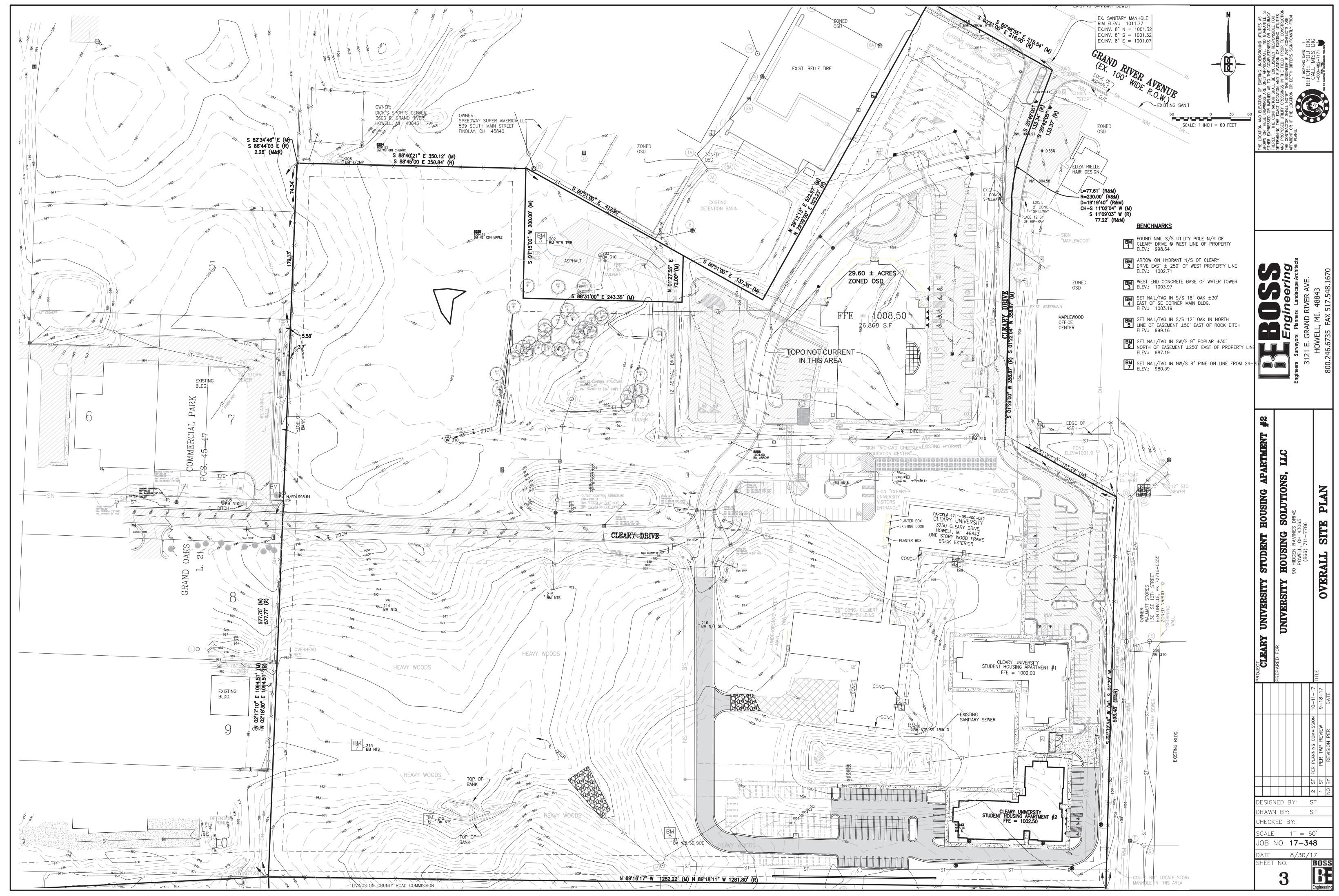
HOWELL, MI. 48843 800.246.6735 FAX 517.548.1670

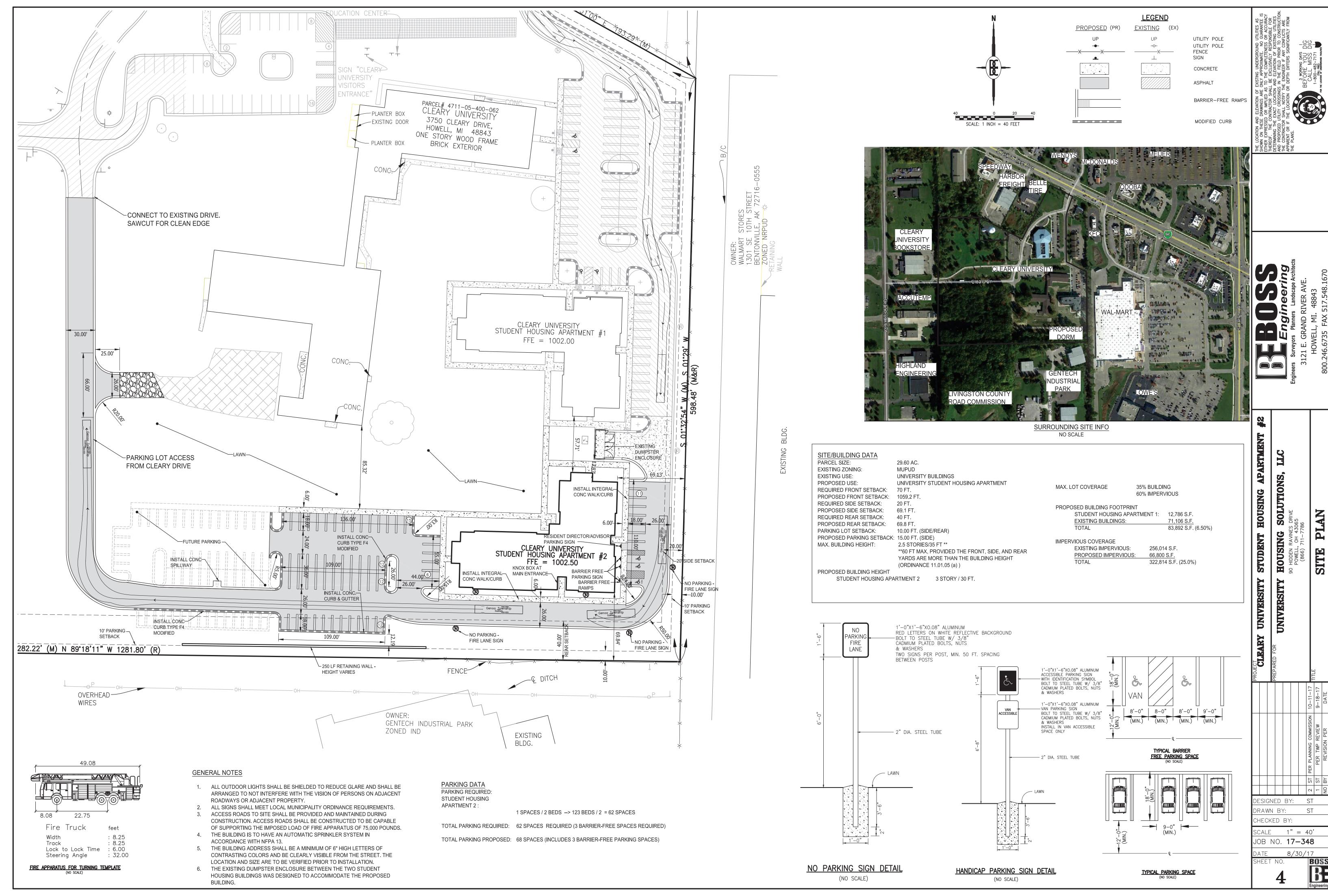
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1	ST	BL	REVISION PER TWP REVIEW	9-18-17	ISSUE DATE: 8/30/17
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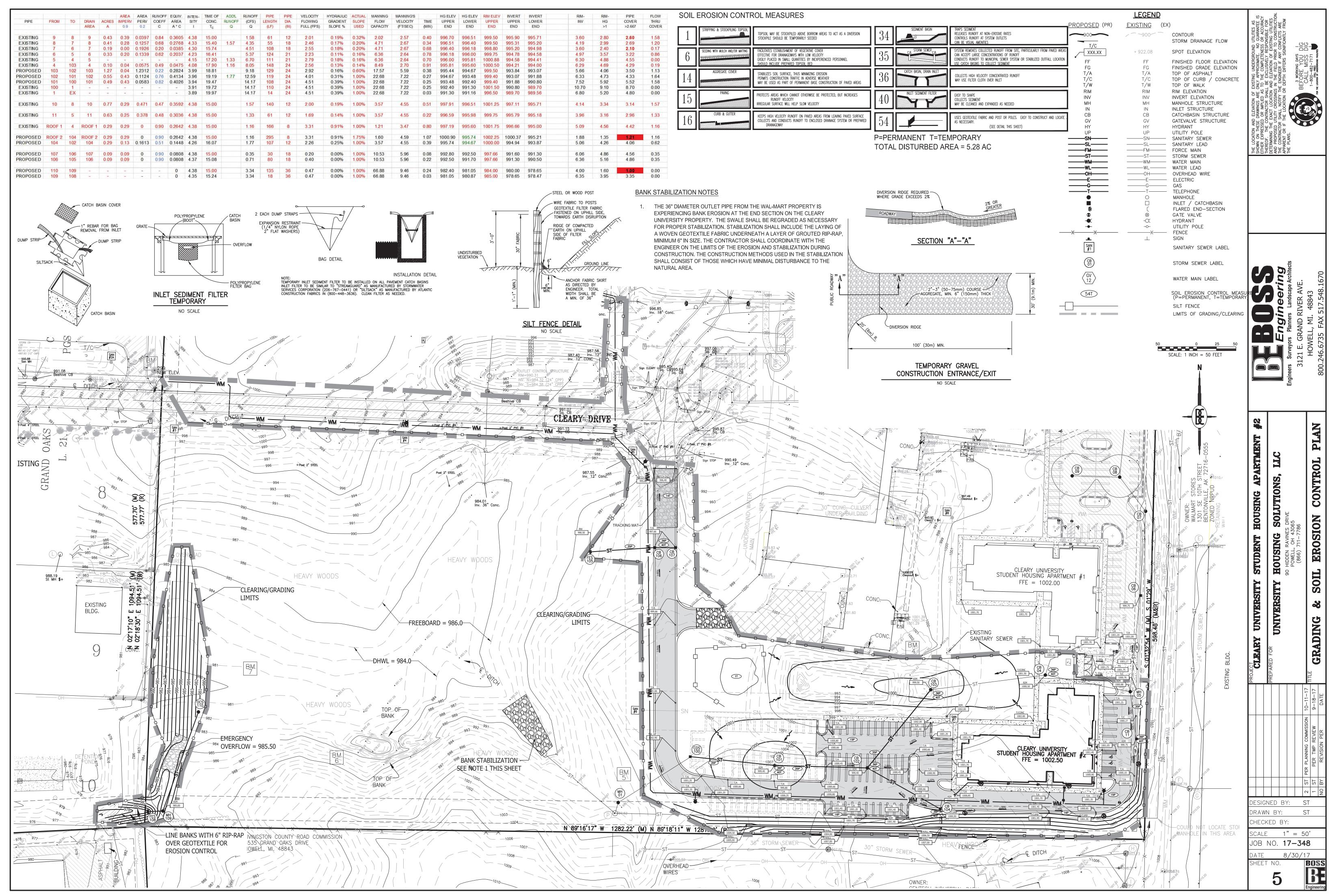


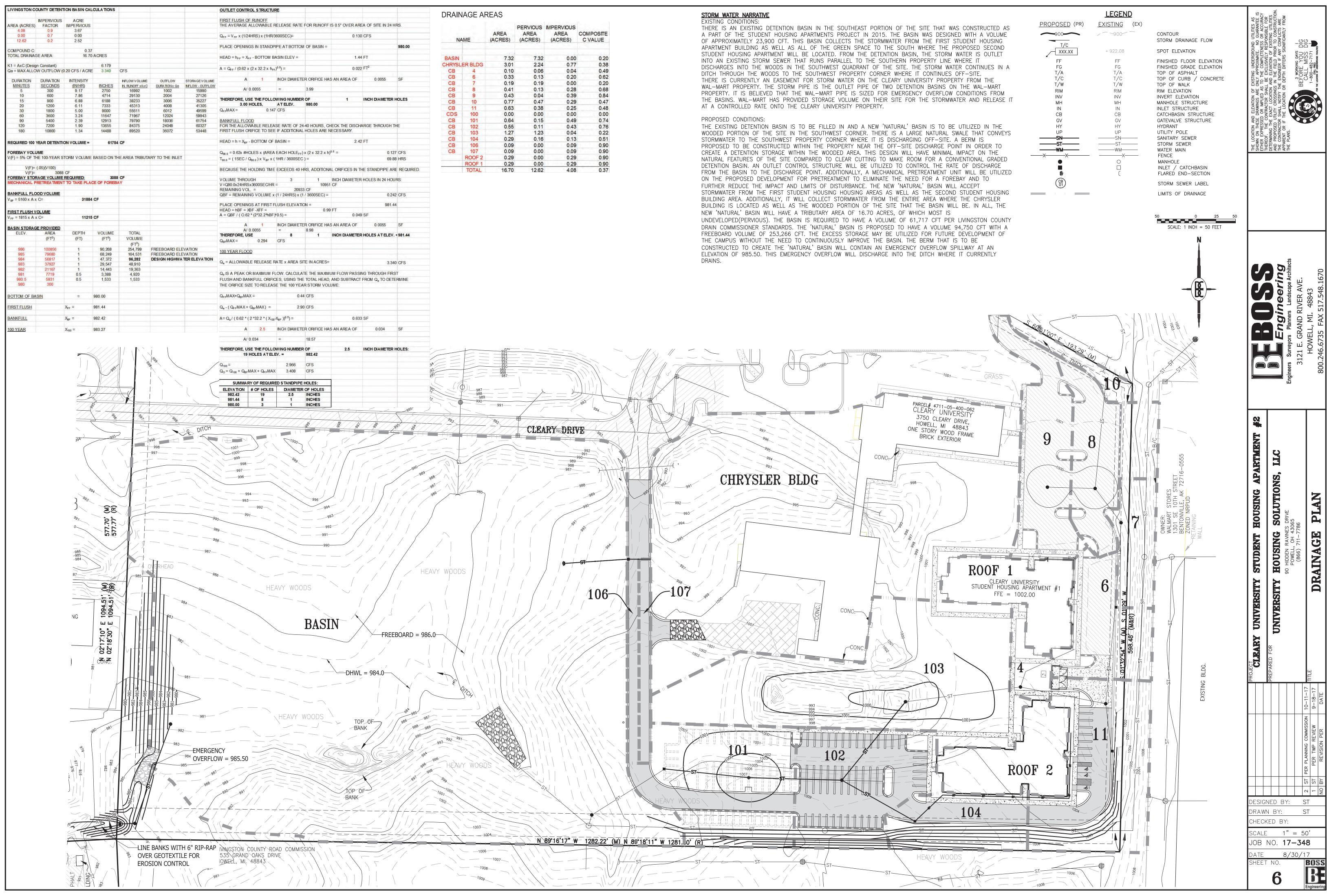
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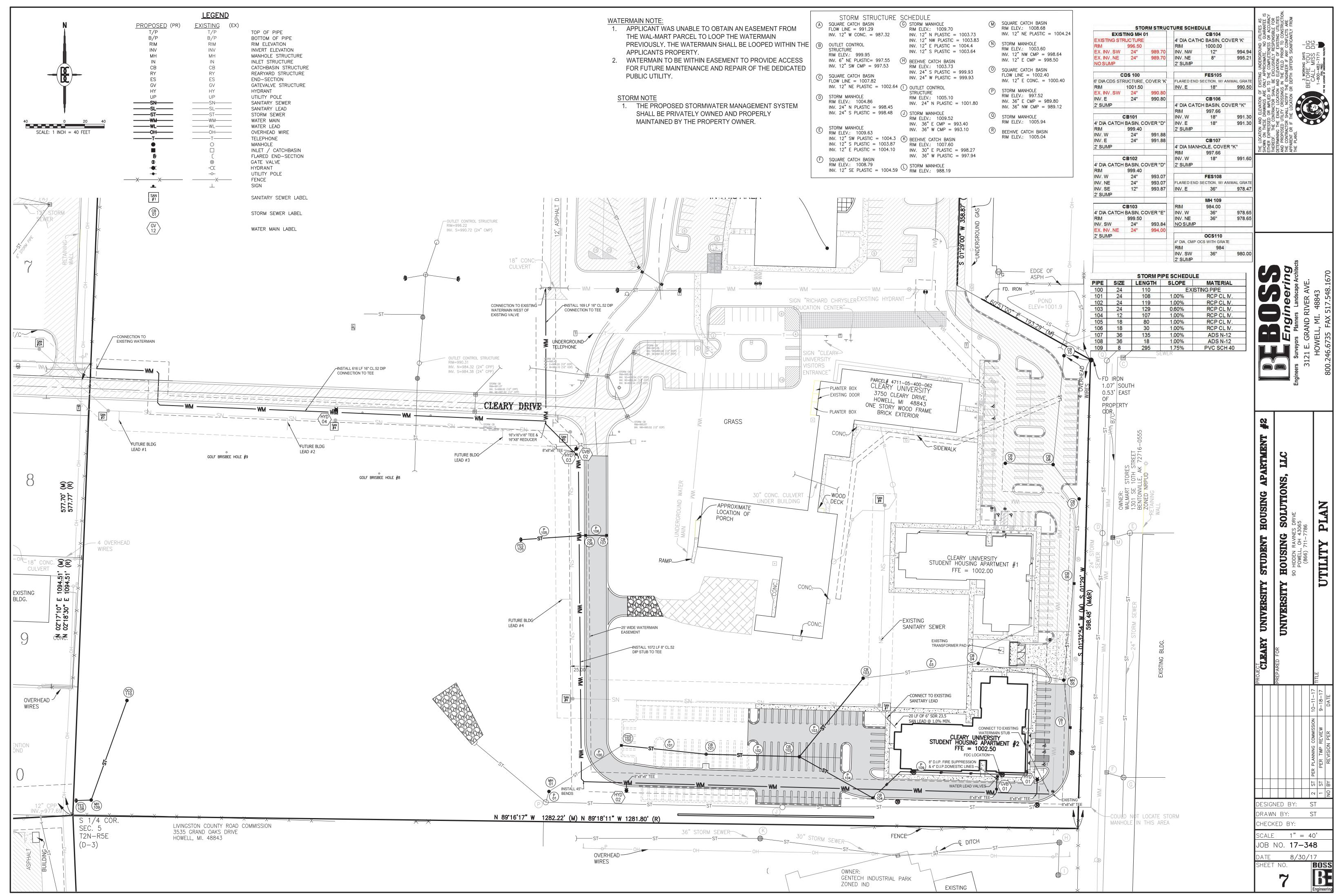
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GENERAL LANDSCAPE SPECIFICATIONS:

- 1. ALL PLANT MATERIAL SHALL CONFORM TO THE REQUIREMENTS AND SPECIFICATIONS OF THE GOVERNING MUNICIPALITY. ALL STOCK SHALL BE NURSERY GROWN, CONFORMING TO ANSO Z60.1 "AMERICAN STANDARD FOR NURSERY STOCK", AND IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICE. STOCK SHALL EXHIBIT NORMAL GROWTH HABIT AND BE FREE OF DISEASE, INSECTS, EGGS, LARVAE, AND DEFECTS SUCH AS KNOTS, SUN-SCALD, INJURIES, ABRASIONS, OR DISFIGUREMENT. ALL PLANT MATERIAL SHALL BE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT.
- 2. ALL PLANT MATERIALS SHALL BE BALLED AND BURLAPPED OR CONTAINER STOCK. NO BARE ROOT STOCK IS PERMITTED. ALL PLANT BALLS SHALL BE FIRM, INTACT, AND SECURELY WRAPPED AND BOUND.
- 3. ALL PLANT BED MATERIALS SHALL BE EXCAVATED OF ALL BUILDING MATERIALS, OTHER EXTRANEOUS OBJECTS, AND POOR SOILS TO A MINIMUM DEPTH OF 12-INCHES AND BACKFILLED TO GRADE WITH SPECIFIED PLANTING MIX (SEE BELOW).
- 4. PLANTING MIXTURE SHALL CONSIST OF 5 PARTS TOPSOIL FROM ON-SITE (AS APPROVED) 4 PARTS COARSE SAND, 1 PART SPHAGNUM PEAT MOSS (OR APPROVED COMPOST), AND 5 LBS OF SUPERPHOSPHATE FERTILIZER PER CU. YD. OF MIX. INGREDIENTS SHALL BE THOROUGHLY BLENDED FOR UNIFORM CONSISTENCY.
- 5. ALL PLANT BEDS AND INDIVIDUAL PLANTS, NOT OTHERWISE NOTED SHALL BE MULCHED WITH A 4-INCH LAYER OF SHREDDED BARK MULCH. EDGE OF MULCH BEDS AS SHOWN. TREES IN LAWN AREAS SHALL RECEIVE A 5-FT DIAMETER CIRCLE OF MULCH UNLESS OTHERWISE NOTED.
- 6. LANDSCAPE STONE SHALL BE INSTALLED WHERE NOTED OR INDICATED (HATCHED). STONE SHALL MATCH EXISTING ADJACENT LANDSCAPE STONE ON SITE AND SHALL BE INSTALLED IN A MINIMUM DEPTH OF 3-INCHES.
- 7. ALL LANDSCAPE BEDS, UNLESS OTHERWISE NOTED SHALL BE INSTALLED OVER WEED BARRIER FABRIC — WATER PERMEABLE FILTRATION FABRIC OF NON-WOVEN POLYPROPYLENE OR POLYESTER FABRIC. FABRIC SHALL BE OF SUITABLE THICKNESS FOR APPLICATION.
- 8. ALL PLANTS AND PLANT BEDS SHALL BE THOROUGHLY WATERED UPON COMPLETION OF PLANTING AND STAKING OPERATIONS.
- 9. THE CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIALS FOR A PERIOD OF 1 YEAR FROM THE DATE THE WORK IS ACCEPTED. IN WRITING, BY THE LANDSCAPE ARCHITECT. THE CONTRACTOR SHALL REPLACE, WITHOUT COST TO THE OWNER, WITHIN A SPECIFIED PERIOD OF TIME, ALL DEAD PLANTS, AND ALL PLANTS NOT IN A VIGOROUS, THRIVING CONDITION, AS DETERMINED BY THE LANDSCAPE ARCHITECT, DURING AND AT THE END OF THE GUARANTEE PERIOD. REPLACEMENT STOCK SHALL CONFORM TO THE ORIGINAL SPECIFICATIONS.

11. SOD SHALL BE DENSE, WELL ROOTED TURF, FREE OF WEEDS. IT SHALL BE COMPRISED BLEND OF AT LEAST TWO KENTUCKY BLUE GRASSES AND ONE FESCUE. IT SHALL UNIFORM THICKNESS OF 3/4-INCH AT TIME OF PLANTING, AND CUT IN UNIFORM STRIPS NOT LESS THAN 10-INCHES BY 18-INCHES. SOD SHALL BE KEPT MOIST AND LAID WITHIN 36-HOURS AFTER CUTTING.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH A DENSE LAWN OF PERMANENT GRASSES, FREE OF LUMPS AND DEPRESSIONS. ALL SODDED AREAS THAT BROWN-OUT OR HAVE NOT FIRMLY KNITTED TO THE SOIL BASE WITHIN A PERIOD OF 1 MONTH SHALL BE REPLACED BY THE CONTRACTOR, AT NO COST TO THE OWNER.

12. ALL AREAS OF THE SITE THAT BECOME DISTURBED DURING CONSTRUCTION AND ARE NOT TO BE PAVED, STONED, ' LANDSCAPED, OR SODDED SHALL BE SEEDED AND MULCHED.

SEE MIXTURE SHALL BE AS FOLLOWS: KENTUCKY BLUEGRASS (CHOOSE 3 VARIETIES -ADELPHI, RUGBY, GLADE, OR PARADE) 30% RUBY RED OR DAWSON RED FINE FESCUE 30% 20% ATLANTA RED FESCUE PENNFINE PERENNIAL RYE 20%

THE ABOVE SEED MIXTURE SHALL BE SOWN AT A RATE OF 250 LBS PER ACRE. PRIOR TO SEEDING, THE TOPSOIL SHALL BE FERTILIZED WITH A COMMERCIAL FERTILIZER WITH A 10-0-10 ANALYSIS:

10% NITROGEN - MIN 25% FROM A UREA FORMALDEHYDE SOURCE 0 % PHOSPHATE

10% POTASH — SOURCE POTASSIUM SULFATE OR POTASSIUM NITRATE

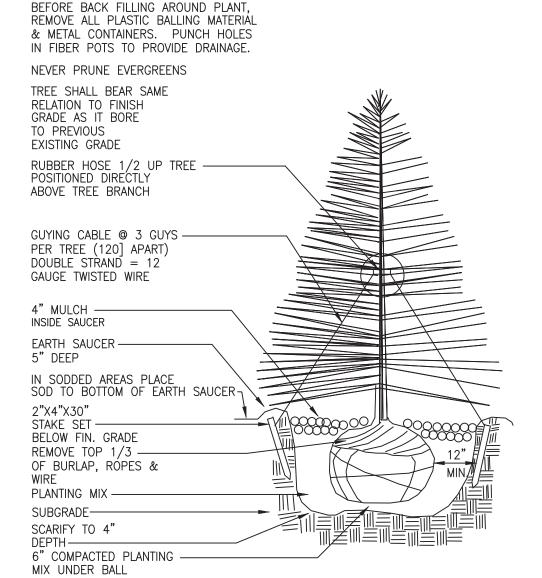
THE FIRST FERTILIZER APPLICATION SHALL BE AT A RATE OF 10 LBS PER 1000 SQ FT OF BULK FERTILIZER.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH A DENSE LAWN OF PERMANENT GRASSES, FREE OF LUMPS AND DEPRESSIONS. ANY PART OF THE AREA THAT FAILS TO SHOW A UNIFORM GERMINATION SHALL BE RE-SEEDED AND SUCH RE-SEEDING SHALL CONTINUE UNTIL A DENSE LAWN IS ESTABLISHED. DAMAGE TO SEEDED AREAS RESULTING FROM EROSION SHALL BE REPAIRED BY THE CONTRACTOR.

13. ALL AREAS OF THE SITE SCHEDULED FOR SEEDING OR SODDING SHALL FIRST RECEIVE A 6-INCH LAYER OF CLEAN, FRIABLE TOPSOIL. THE SOIL SHALL BE DISCED AND SHALL BE GRADED IN CONFORMANCE WITH THE GRADING PLAN.

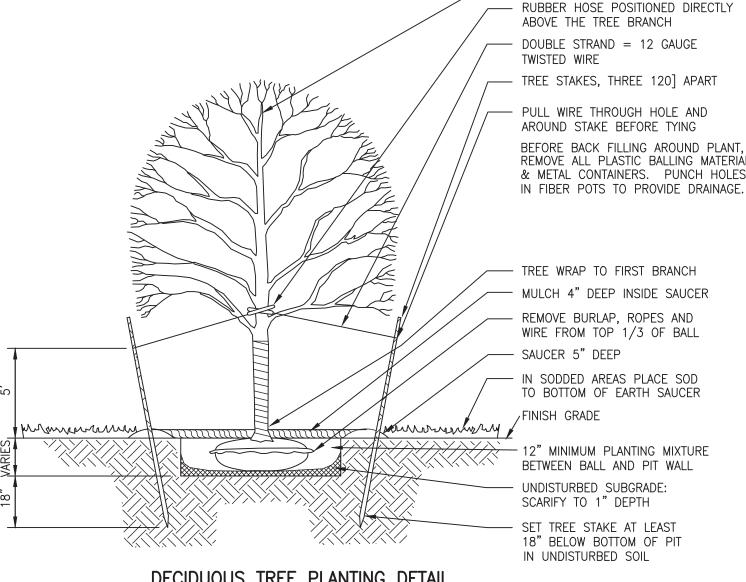
14. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION OF ALL UTILITIES AND TO INFORM THE LANDSCAPE ARCHITECT OF ANY CONFLICTS PRIOR TO

COMMENCING LANDSCAPING.



EVERGREEN TREE PLANTING DETAIL (NO SCALE)

EXISTING



DECIDUOUS TREE PLANTING DETAIL (NO SCALE)

— MULCH 4" DEEP INSIDE SAUCER WIRE FROM TOP 1/3 OF BALL 12" MINIMUM PLANTING MIXTURE

THE LO SHOWN EITHER THEREO DETERM AND PR THE CO THE CO

NEVER CUT THE LEADER

BEFORE BACK FILLING AROUND PLANT, REMOVE ALL PLASTIC BALLING MATERIAL & METAL CONTAINERS. PUNCH HOLES IN FIBER POTS TO PROVIDE DRAINAGE. THIN FOLIAGE & BRANCHES (NOT ALL END TIPS) BY 1/3 - RETAIN NATURAL SHAPE SHRUB SHALL BEAR SAME RELATION O FINISH GRADE AS IT BORE O PREVIOUS EXISTING GRADE. IN SODDED AREAS PLACE REMOVE TOP 1/3-SOD TO BOTTOM OF EARTH SAUCE BURLAP, ROPES & WIRE 4" MULCH — →FINISH GRADE 6" MIN. PLANTING ---MIXTURE BETWEEN BALL 111 SCALE: 1 INCH = 40 FEET & PITWALL SCARIFY TO 2"DEPTH SHRUB PLANTING DETAIL LANDSCAPE LEGEND (NO SCALE)

PROPOSED DECIDUOUS TREE PROPOSED CONIFER TREE PROPOSED ORNAMENTAL TREE PROPOSED CONIFER SHRUB

EXISTING DECIDUOUS TREE

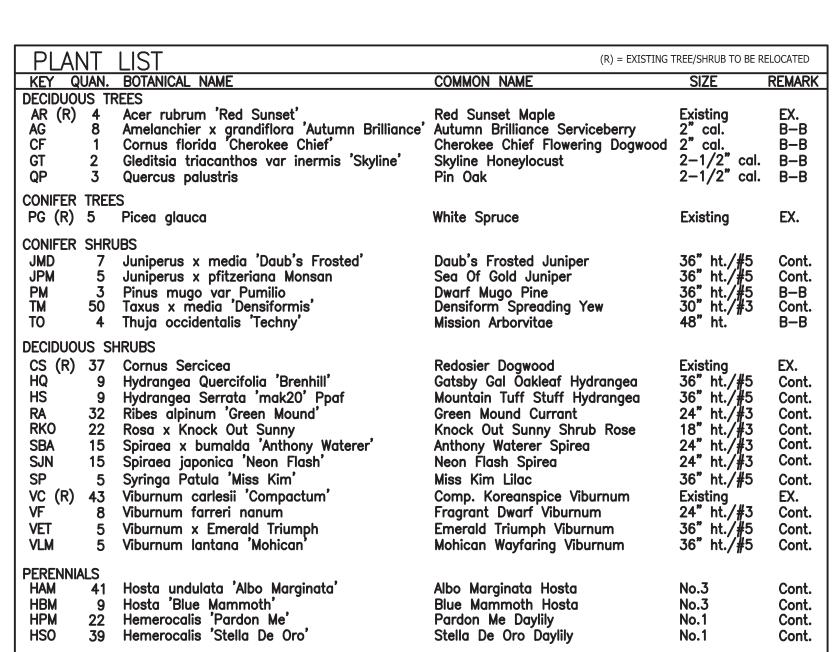
LANDSCAPE REQUIREMENTS ZONING: OFFICE SERVICE DISTRICT PARKING LOT - 63 SPACES REQUIRED, 66 PROVIDED REQUIRED: 1 CANOPY TREE & 100 SQ FT LANDSCAPED AREA

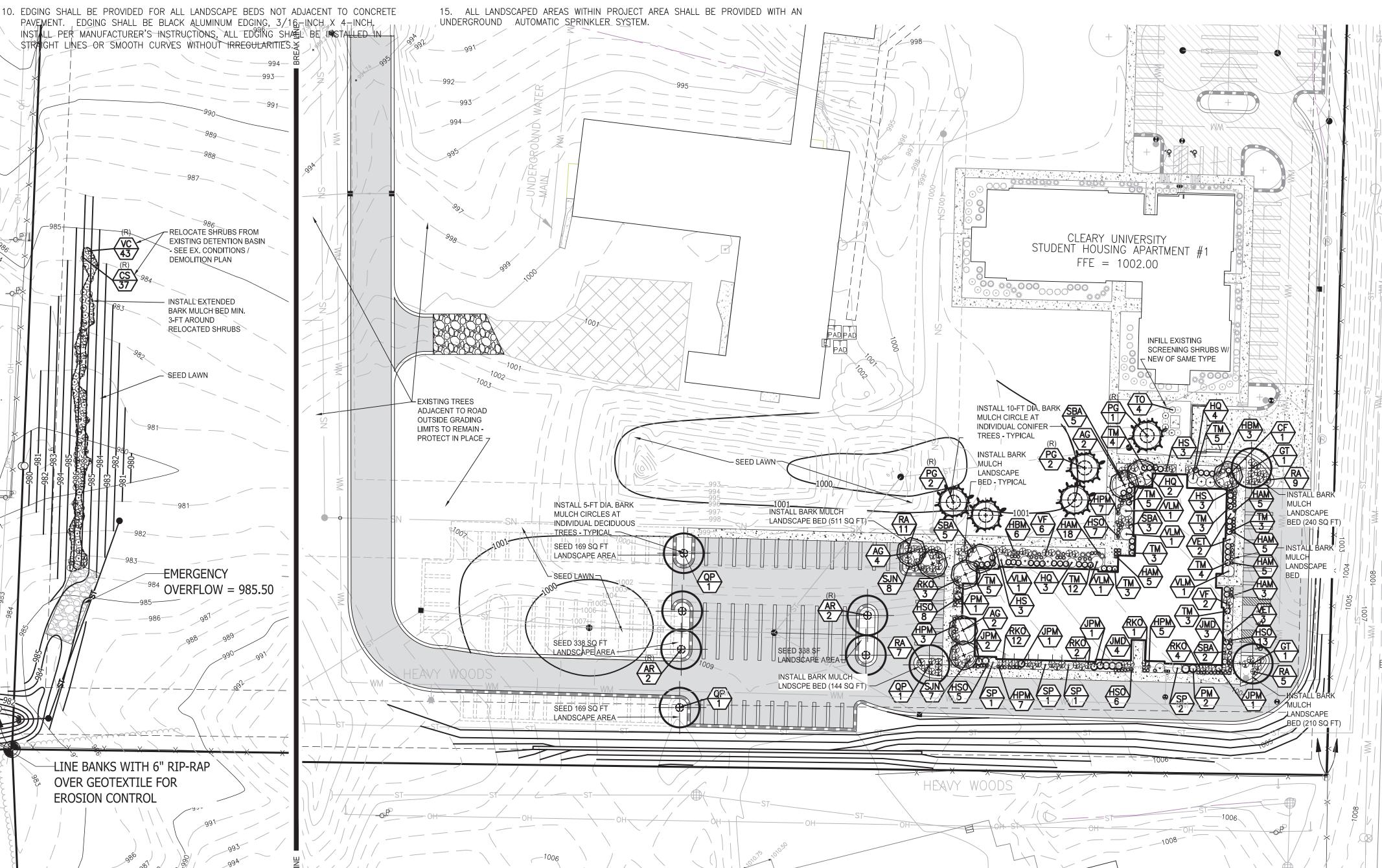
/ 10 PARKING SPACES = 7 CANOPY TREES & 700 SQ FT LANDSCAPED AREA PROPOSED:

RELOCATING 4 (AR) CANOPY TREES FROM EX. DETENTION BASIN + 3 (QP) & 1 (GT) CANOPY TREES & TOTAL OF 2119 SQ FT LANDSCAPED AREAS - INCL LAWN OR SHRUBS (RA)

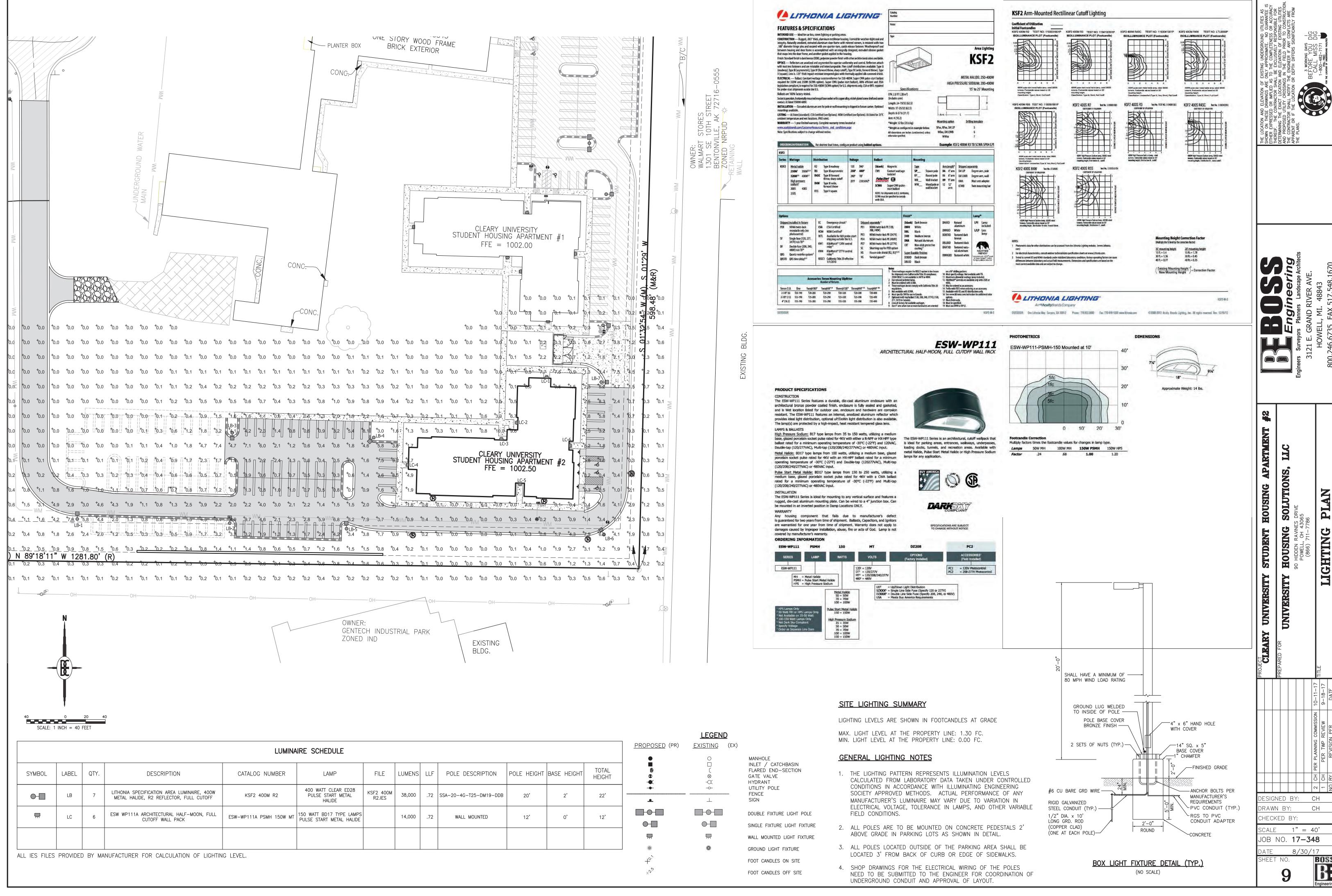
DETENTION BASIN REQUIRED: 1 DECIDUOUS OR EVERGREEN TREE + 10 SHRUBS / 50 LF OF BASIN PERIMETER TO BE UTILIZED FOR PROPOSED DETENTION BASIN.

PROPOSED: EXISTING LOW AREA WITH DENSE TREE COVER PROPOSED DECIDUOUS SHRUB PROPOSED BASIN END BERM TO BE PLANTED WITH 80 RELOCATED SHRUBS FROM EXISTING BASIN. REMAINDER TO PROPOSED PERENNIAL FORB UTILIZE EXISTING TREE COVER **COMMON NAME** Red Sunset Maple ' Autumn Brilliance Serviceberry





SOLUTIONS, LANDSCAPE HOUSING DRAWN BY: РC HECKED BY: 1" = 40'JOB NO. **17-348** 8/30/17



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LIVINGSTON COUNTY SOIL EROSION PERMIT TEMPLATE TEMPORARY CONTROLS AND SEQUENCE

NOTIFY LIVINGSTON COUNTY DRAIN COMMISSIONER'S OFFICE 24 HOURS PRIOR TO START OF GRADE WORK.

IN ACCORDANCE WITH PUBLIC ACT NO. 53. OF 1974 THE PERMIT HOLDER SHALL CALL MISS DIG FOR STAKING AND LOCATING OF UTILITIES, AT LEAST 72 HOURS IN ADVANCE OF THE START OF ANY WORK.

PERMITTING STANDARDS

(IMPORTANT NOTICE) RETENTION/DETENTION PONDS SHALL BE EXCAVATED, TOPSOILED, SEEDED, MULCHED AND TACKED PRIOR TO THE START OF MASSIVE EARTH DISRUPTION. INGRESS/EGRESS MUST HAVE LARGE CRUSHED ROCK TO REDUCE THE TRACKING OF SOIL ONTO THE PUBLIC TRAFFIC AREAS. SEE DETAIL ITEMS BELOW.

36" M.D.O.T SPECIFICATION TYPE SILT FABRIC FENCE AS SHOWN ON PLANS SHALL BE PLACED AND MAINTAINED ALONG PERIMETER ON ALL LOW LYING AREAS OF THE CONSTRUCTION SITE TO FILTER RUNOFF BEFORE LEAVING PROJECT SITE.

ALL TEMPORARY EROSION CONTROL DEVICES AS NOTED ON PLANS SHALL BE INSTALLED PRIOR TO THE START OF MASSIVE EARTH DISTRIBUTION.

PLAN DOES DENOTE A DETAILED EROSION CONTROL DEVICE TO RESTRICT TRACKING OF MATERIAL ONTO THE HIGHWAY. STONE DIAPERS SHALL BE INSTALLED AT ALL INGRESS/EGRESS AREAS OF THE SITE PRIOR TO THE START OF MASSIVE EARTH DISRUPTION. DIAPERS SHALL BE OF CRUSHED STONE AND SHALL HAVE A MINIMUM LENGTH OF 100' LINEAL FEET.

RETENTION PONDS

RETENTION/DETENTION/SEDIMENTATION PONDS SHALL BE EXCAVATED, TOPSOILED, SEEDED, MULCHED AND TACKED PRIOR TO THE START OF MASSIVE EARTH DISRUPTION.

DETENTION POND OUTLETS SHALL BE OF THE STANDPIPE AND STONE FILTER SYSTEM, WITH TRASH SCREEN. OUTLET FLOW SHALL NOT EXCEED 0.20 CUBIC FEET OF WATER PER SECOND/PER ACRE. POND DIKES SHALL HAVE A MINIMUM OF ONE (1) FOOT OF FREEBOARD. AN EMERGENCY SPILLWAY SHALL BE CONSTRUCTED WITHIN THE FREEBOARD LEVEL. THE EMERGENCY SPILLWAY FROM THE DETENTION POND SHALL BE SODDED AND PEGGED, OR RIP RAPPED, 15 FEET PAST THE TOE OF THE

SLOPE OF THE BERM. DIKES AND BERMS SHALL BE FREE OF ALL ORGANIC MATTER. RETENTION/DETENTION PONDS SHALL BE FENCED WITH A 4' CHAIN LINK FENCE, INCLUDING A 12' ACCESS GATE FOR MAINTENANCE UNLESS MINIMUM 5 FT. HORIZONTAL TO 1 FT. VERTICAL SIDE SLOPES ARE PROVIDED. THE FENCE SHALL BE INSTALLED AT THE OUTER PORTION OF THE BERM, TO ALLOW

12. ALL UNIMPROVED DISTURBED AREAS SHALL BE STRIPPED OF TOPSOIL WHICH WILL BE STORED ONSITE DURING THE EXCAVATING STAGE. TOPSOIL PILES SHALL BE SEEDED AND MULCHED, OR MATTED WITH STRAW IN THE NON-GROWING SEASON, IMMEDIATELY AFTER THE STRIPPING PROCESS IS COMPLETED, TO PREVENT WIND AND WATER EROSION. 13. SOIL EROSION CONTROLS SHALL BE MONITORED DAILY BY THE ON-SITE ENGINEER, OR CONTRACTOR, WHICHEVER CASE APPLIES.

FOR MAINTENANCE WORK TO BE DONE INSIDE THE FENCE.

TERRACING, OR OTHER PRIOR APPROVED DEVICE.

SLOPES AND DITCHES

14. ON SITE DITCHES SHALL BE OF THE FLAT BOTTOM TYPE MINIMUM WIDTH OF 2' WITH A MINIMUM OF 3 HORIZONTAL TO 1 VERTICAL SIDE

SLOPES, 3:1. 15. DITCHES WITH STEEP SLOPES WILL NEED FLOW CHECKS TO PREVENT SCOURING OF THE DITCH BOTTOM. THESE SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER OR INSPECTOR. 6. SLOPES IN EXCESS OF 3 HORIZONTAL TO 1 VERTICAL SHALL NOT BE USED EXCEPT WITH A MECHANICAL DEVICE SUCH AS A RETAINING WALL.

STORM DRAINS 17. ALL STORM WATER STRUCTURES, CATCH BASINS AND/OR MANHOLES, IF BLOCK, SHALL BE PLASTERED ON BOTH THE INSIDE AND OUTSIDE OF THE STRUCTURES. GROUTING AND POINTING WILL BE NECESSARY AT THE CASTING AND STRUCTURE JOINT TO PREVENT LEAKAGE AND THE RESULTING SOIL MOVEMENT, AROUND THE STRUCTURE.

STORM WATER INLETS SHALL HAVE AS A TEMPORARY CONTROL A STRAW BALE BARRIER AND STONE FILTER INSTALLED AROUND THE INLET DURING CONSTRUCTION. AS AN ALTERNATIVE TO THE STRAW BALE BARRIER, A BURLAP AND PEA STONE FILTER MAY BE USED. THREE LAYERS OF BURLAP FIBER AND A FILTER OF PEA STONE MINIMUM 1 FT. IN DEPTH CAN BE USED. DUE TO THE POROSITY OF THE BURLAP FILTER THE MINIMUM OF 1 T. OF STONE IS VERY IMPORTANT. THE CONTROL SHALL BE INSTALLED AS SOON AS THE STRUCTURE IS BUILT AND INSPECTED DAILY. BURLAP AND PEA STONE FILTERS WILL NEED TO BE CHANGED AFTER

EACH RAINFALL. COUNTY CODE REQUIRES A MINIMUM PIPE SIZE OF 12" IN DIAMETER F SMALLER PIPE IS NEEDED FOR OUTLET PURPOSES THE 12" CAN BE BAFFLED TO THE CORRECT SIZE. ALL PIPE SHALL MEET THE 12" DIAMETER CODE SIZE.

ALL STORM DRAIN OUTLETS 15" IN DIAMETER OR LARGER SHALL HAVE ANIMAL GUARDS INSTALLED TO PREVENT ENTRANCE TO THE SYSTEM. ALL STORM DRAINAGE PIPE 30" IN DIAMETER OR LARGER SHALL BE POINTED, AT THE JOINTS ON THE INSIDE WITH MORTAR, AFTER BACKFILLING.

23. ALL STORM DRAIN OUTLETS THAT DO NOT EMPTY INTO THE RETENTION/DETENTION POND SHALL HAVE A TEMPORARY 5'X10'X3' SUMP INSTALLED AT THE TERMINATION OF THE STORM SEWER. UPON COMPLETION OF THE STABILIZATION WORK THE SUMP AREA SHALL BE ILLED AND RIP RAPPED WITH COBBLE STONE. SILT TRAPS SHALL BE INSPECTED AFTER EACH STORM. STORM WATER OUTLETS DO DENOTE RIP RAP. ALL OUTLETS

SHALL BE RIP RAPPED OVER KEYED FILTER FABRIC WITH A MINIMUM OF 15 SQ. YARDS OF 6" OR LARGER COBBLE STONE. 25. RIP RAP AS NOTED ON THE PLAN SHALL BE OF A FUNNEL SHAPE CONSTRUCTION, WIDTH SHALL INCREASE AS DISTANCE FROM THE OUTLET POINT INCREASES AT A 3:1 RATIO.

RIP RAP SHALL BE OF COBBLE STONE, 6" IN DIAMETER OR LARGER. GROUTING MAY BE NECESSARY, AND SHALL BE A MINIMUM OF 6" IN DEPTH WITH THE COBBLE SET IN THE CEMENT SLURRY STORM WATER OUTLET IS IN NEED OF A SPLASH BLOCK WHICH IS NOT NOTED ON THE PLAN. INSTALL SPLASH BLOCK IF SLOPE OF THE PIPE IS 4% OR GREATER.

IT WILL BE NECESSARY FOR THE DEVELOPER TO HAVE THE STORM DRAINAGE LINES CLEANED PRIOR TO FINAL INSPECTION BY THE LIVINGSTON COUNTY DRAIN COMMISSIONER'S OFFICE. IF REQUIRED, THIS WORK SHALL BE DONE BY A PROFESSIONAL SEWER CLEANING FIRM AND CERTIFIED IN WRITING BY THE PROJECT ENGINEER. ALL SUMPS AND TEMPORARY SILT TRAPS SHALL ALSO BE CLEANED AT THIS TIME. STABILIZATION

ALL UNIMPROVED DISTURBED AREAS SHALL BE RE-TOP SOILED, WITH A MINIMUM OF 3" OF MATERIAL, SEEDED, MULCHED AND TACKED WITHIN 15 DAYS OF THE COMPLETION OF THE MASSIVE EARTH DISRUPTION. IN THE NON-GROWING SEASON STRAW MATTING WILL SUFFICE. HYDROSEEDING WILL BE AN ACCEPTABLE ALTERNATE FOR MULCHING. EXTREME CARE SHOULD BE EXERCISED IN SPRING AND FALL PERIODS AS A FROST WILL BREAK THE BIND OF THE HYDROSEEDING, WHICH WILL AFFECT THE EFFECTIVENESS OF THIS PROCEDURE IN THE NON-GROWING SEASON, TEMPORARY STABILIZATION OF MASSIVELY EXPOSED AREAS FOR WINTER STABILIZATION SHALL BE DONE

WITH STRAW MATTING. PERIODIC INSPECTIONS WILL BE MADE THROUGHOUT THE COURSE OF THE PROJECT. IT WILL BE THE RESPONSIBILITY OF THE MANAGERS OF THE PROJECT TO CONTACT THIS OFFICE FOR THE FINAL INSPECTION AT THE END OF THE PROJECT.

THIS COMMERCIAL PERMIT IS VALID FOR THE MASS EARTH MOVEMENT, THE INSTALLATION OF ROADS, DRAINS, AND UTILITIES AND IS NOT FOR ANY SINGLE FAMILY RESIDENCE. ALL RESIDENTIAL BUILDERS WILL NEED TO SECURE WAIVERS AND OR PERMITS AS NECESSARY FOR EACH LOT IN THIS DEVELOPMENT AT THE TIME APPLICATION FOR SINGLE FAMILY RESIDENCE IS MADE.

THE ISSUING BUILDING DEPARTMENT SHALL NOT ISSUE THE CERTIFICATE OF OCCUPANCY UNTIL THE FINAL INSPECTION LETTER FROM THE LIVINGSTON COUNTY DRAIN COMMISSIONER'S OFFICE HAS BEEN OBTAINED.

35. PER THE LIVINGSTON COUNTY DRAIN COMMISSIONER THE SEEDING. FERTILIZER AND MULCH MINIMUM QUANTITIES SHALL BE AS FOLLOWS:

TOP-SOIL 3" IN DEPTH GRASS SEED 218 LBS. PER ACRE FERTILIZER 150 LBS. PER ACRE 3" IN DEPTH 1.5 TO 2 TONS PER ACRE (ALL STRAW MULCH

MULCHING MUST HAVE A TIE DOWN, SUCH AS TACKIFIER NET BINDING, ETC.) HYDRO-SEEDING HYDRO-SEEDING IS NOT ACCEPTABLE FOR SLOPES EXCEEDING 1%, IN SUCH CASES STABILIZATION SHALL BE DONE WITH SEED AND STRAW MULCH WITH A

TACKIFIER. MAINTENANCE SCHEDULE FOR SOIL EROSION CONTROLS

SILT FENCE SHALL BE INSPECTED WEEKLY AND AFTER EACH MAJOR STORM EVENT. MAINTENANCE SHALL INCLUDE REMOVAL OF ACCUMULATED SILT AND REPLACEMENT OF TORN SECTIONS. SILT FENCE SHALL BE REMOVED WHEN ALL CONTRIBUTING AREAS HAVE BEEN STABILIZED. TRACKING PAD SHALL BE INSPECTED MONTHLY FOR ACCUMULATED

DIRT. TRACKING PAD SHALL BE REPLACED WHEN THE STONES ARE CHOKED

WITH DIRT. TRACKING PAD SHALL BE REMOVED IMMEDIATELY PRIOR TO THE FIRST COURSE OF ASPHALT BEING LAID. DETENTION/RETENTION POND SHALL BE INSPECTED QUARTERLY ON A PERMANENT BASIS. MAINTENANCE SHALL INCLUDE SEDIMENT REMOVAL, EMBANKMENT STABILIZATION AND MAINTAINING THE OUTLET STRUCTURE IN GOOD CONDITION. NO TREES SHALL BE ALLOWED TO GROW ON THE EMBANKMENT. CATCH BASINS SHALL BE INSPECTED ANNUALLY FOR ACCUMULATION OF

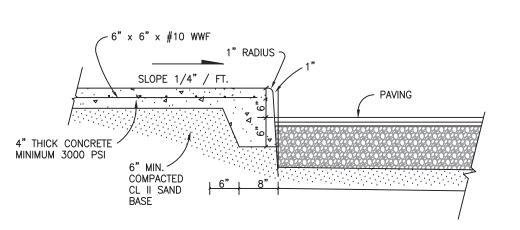
SEDIMENT. ALL SEDIMENT MUST BE REMOVED AND DISPOSED OF PROPERLY WHEN THE SUMP IS FULL. COMMON AREAS SHALL BE STABILIZED NO LATER THAN 15 DAYS AFTER GRADE WORK, PURSUANT TO RULE 1709 (5).

CONSTRUCTION SEQUENCE THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT EROSION IS MINIMIZED AND THAT COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS, REGULATIONS, AND ORDINANCES IS MAINTAINED THROUGHOUT EXECUTION OF THI

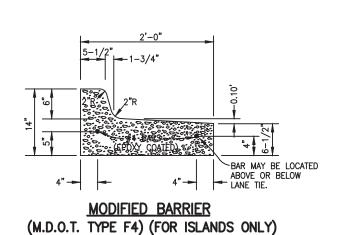
	DAYS	1.	TREE AND SHRUB CLEARING TO CLEARING LIMITS
1	DAYS	2.	INSTALL SILT FENCE AS SHOWN ON PLANS
5	DAYS	3.	SITE DEMO
28	DAYS	4.	ROUGH GRADE AND INSTALL STORM DRAINAGE AND UTILITIES.
1	DAY	5.	INSTALL INLET PROTECTION ON STORM INLETS.
180	DAY		START BLDG. CONSTRUCTION
14	DAYS	7.	INSTALL PAVEMENT, CURB & GUTTER, AND SIDEWALK
4	DAYS	8.	
			SEED OR SOD AS APPLICABLE.
1	DAY	9.	REMOVE ALL EROSION CONTROL STRUCTURES.
1	DAY	10.	REMOVE ACCUMULATED SILT FROM ALL EXISTING DRAINAGE.

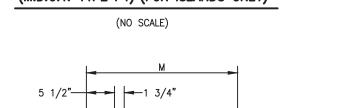
CONTROLS & MEASURES POST CONSTRUCTION SEQUENCE				
ACTIVITY	WEEKLY	MONTHLY	AS REQUIRED	
MAINTAIN LANDSCAPING, REPLACE MULCH	Х	Х	Х	
CLEAN INLETS		Х	Х	
COLLECT LITTER	Х		Х	
SWEEP PARKING LOT		Х	Х	

CONTROLS &	MEASURES NARRATIVE		
ACTIVITY	DESCRIPTION		
MAINTAIN LANDSCAPING, REPLACE MULCH	NDSCAPING, CLIPPINGS. DISPOSE IN APPROVED		
CLEAN INLETS	REMOVE LITTER, SEDIMENT, AND DEBRIS. DISPOSE OF IN APPROVED LANDFILL.		
COLLECT LITTER	DISPOSE OF WITH INLET DEBRIS.		
SWEEP PARKING LOT	REMOVE MUD, DIRT, GREASE AND OIL WITH PERIODIC SWEEPING		
DUST CONTROL	SPRINKLE WATER AS NEEDED		



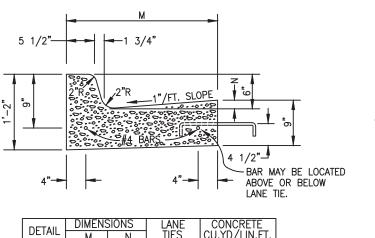
INTEGRAL CONCRETE WALK / CURB DETAIL (NO SCALE)

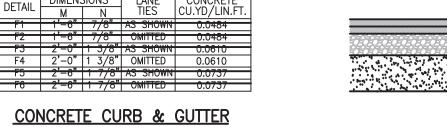


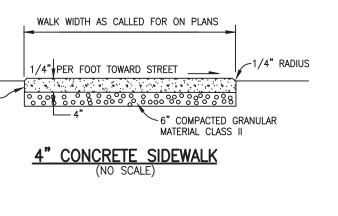


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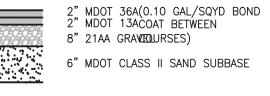
(NO SCALE)



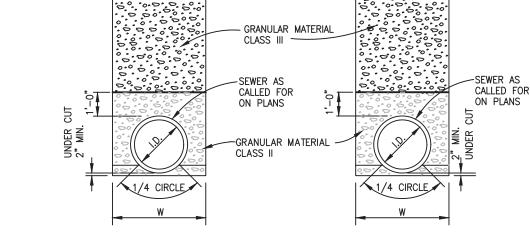


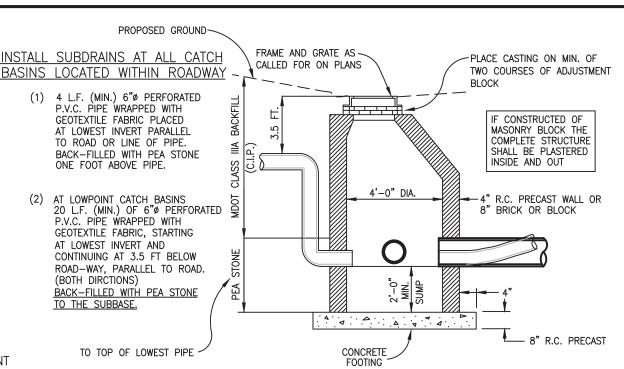


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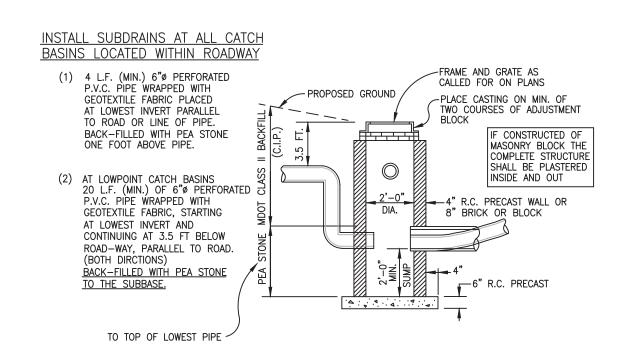


(NO SCALE)





# 4 FT. DIA. CATCH BASIN W/SUMP NO SCALE



# 2 FT. DIA. CATCH BASIN W/SUMP NO SCALE

| STROUTURE TRAINES & COVERS |             |                    |                          |          |                                        |  |
|----------------------------|-------------|--------------------|--------------------------|----------|----------------------------------------|--|
| COVER TYPE                 |             | USE                | MANUFACTURER<br>OR EQUAL |          | TYPE OF COVER<br>OR GRATE              |  |
|                            |             |                    | EAST JORDAN              | NEENAH   | OK GIAIL                               |  |
| Α                          | MH          | ALL                | 1120                     | R-1415   | SANITARY—SELF SEALING<br>STORM—VENTED  |  |
| B                          | CB & INLET  | TYPE B2 CURB       | 7085                     | R 3038 A |                                        |  |
|                            | 00 00 11121 |                    | , 666                    |          |                                        |  |
| K                          | CB & INLET  | TYPE C & F CURB    | 7045                     | R-3031-B | FLAT GRATE WITH<br>VERT. 4" OPEN THROA |  |
|                            | CD & INLET  | VALLEY CURB        | 7065                     | R 3034 B |                                        |  |
| D                          | CB & INLET  | PARKING LOTS       | 1020-MI                  | R-2560-D | FLAT GRATE                             |  |
| E                          | CB & INLET  | LAWN AREA OR DITCH | 1020-01                  |          | BEEHIVE GRATE<br>4" HIGH               |  |

PLAN VIEW

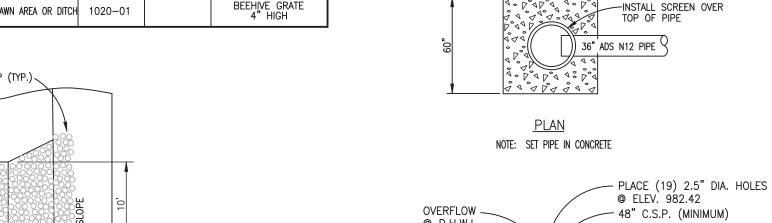
PROFILE VIEW

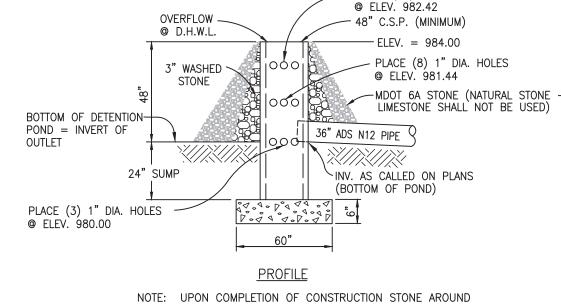
**EMERGENCY SPILLWAY DETAIL** 

NO SCALE

FREEBOARD ELEV.

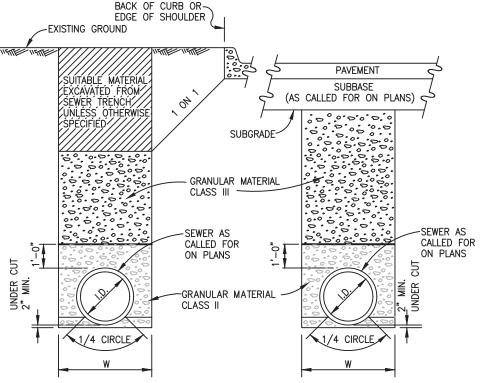
STRUCTURE FRAMES & COVERS



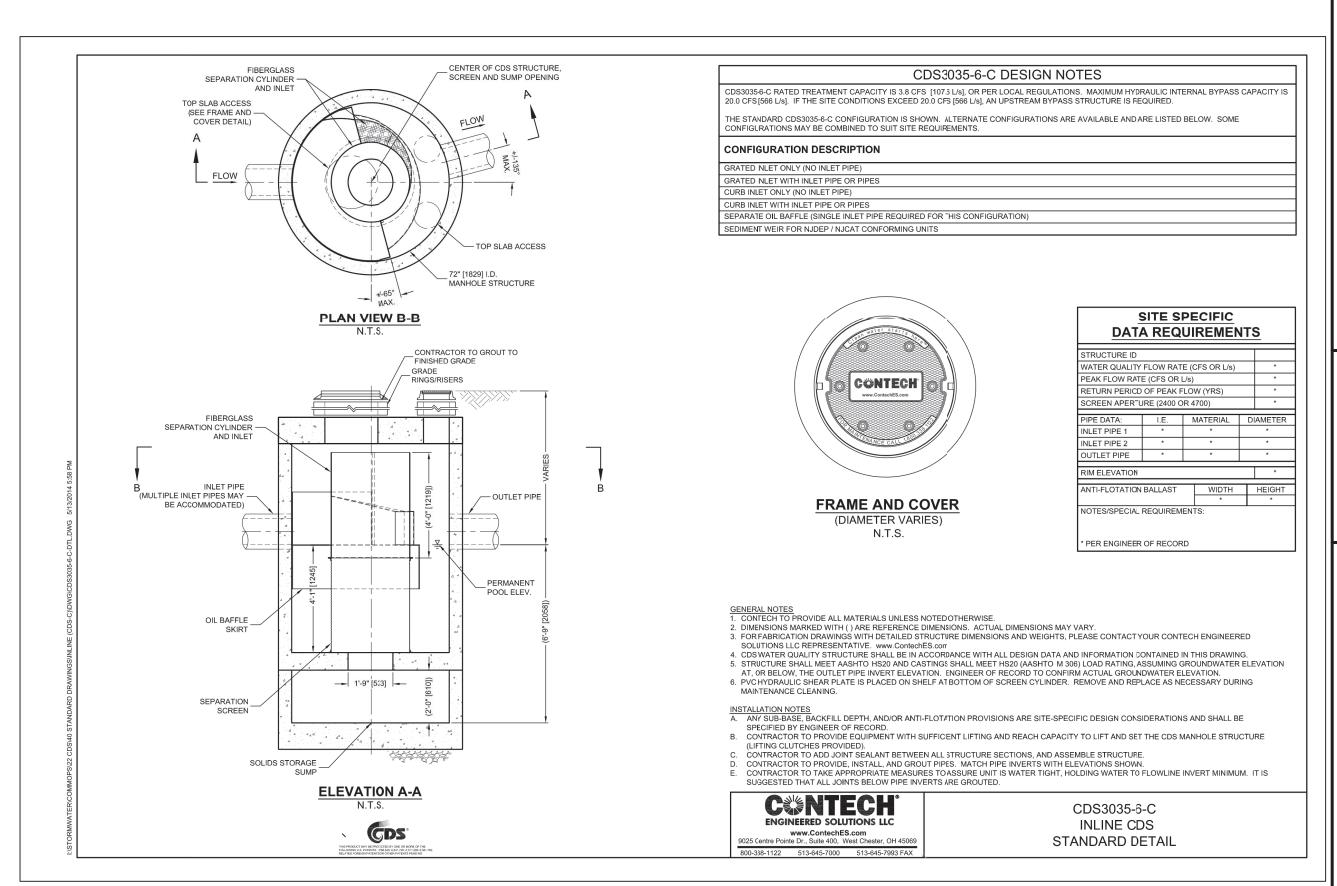


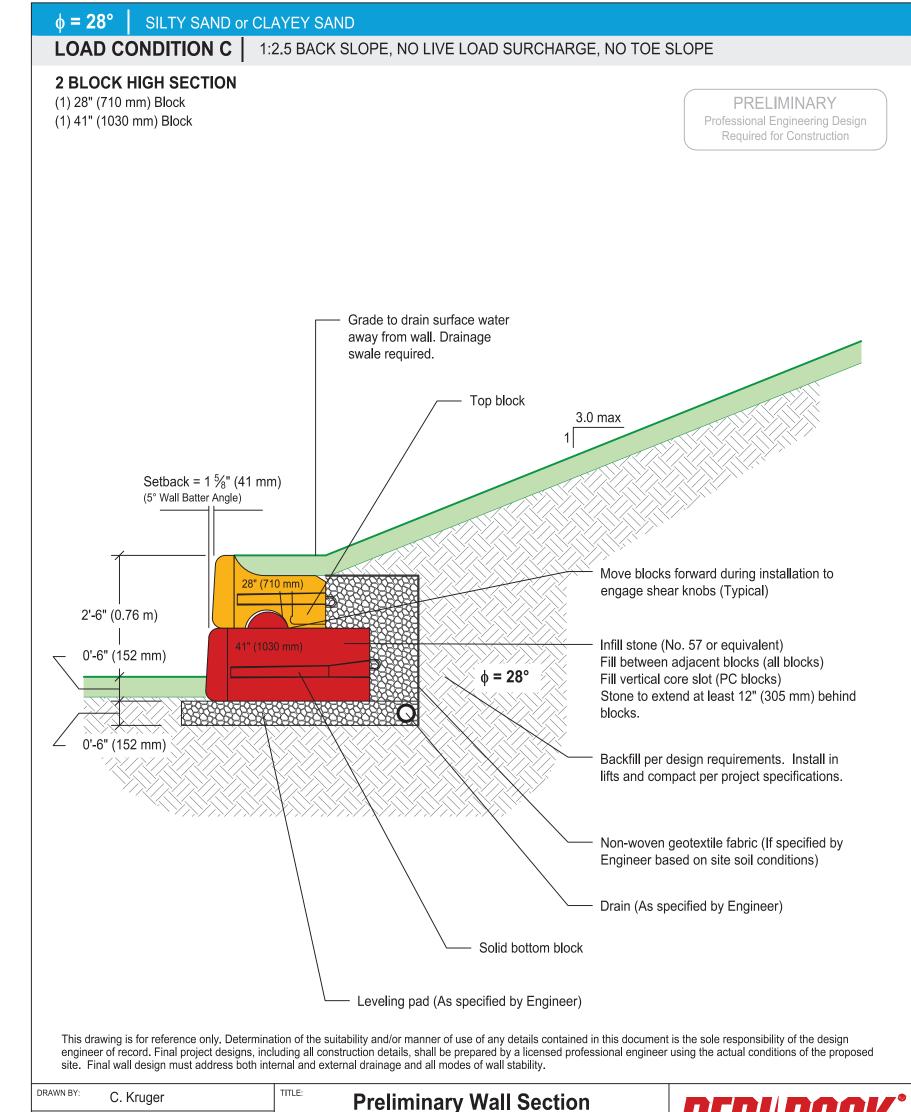
NOTE: UPON COMPLETION OF CONSTRUCTION STONE AROUND THE STRUCTURE SHALL BE REFRESHED WITH CLEAN STONE. LCDC DETENTION/SEDIMENTATION POND

# **OUTLET CONTROL STRUCTURE** (NO SCALE)



SEWER UNDER ROADBED OR WITHIN INFLUENCE OF ROADBED (REF. MDOT DETAIL IV-83D) NO SCALE





Silty Sand or Clayey Sand, **♦ = 28°** 

C\_28\_B\_41\_36\_cad.dwg

J. Johnson

1 of 1

June 10, 2015

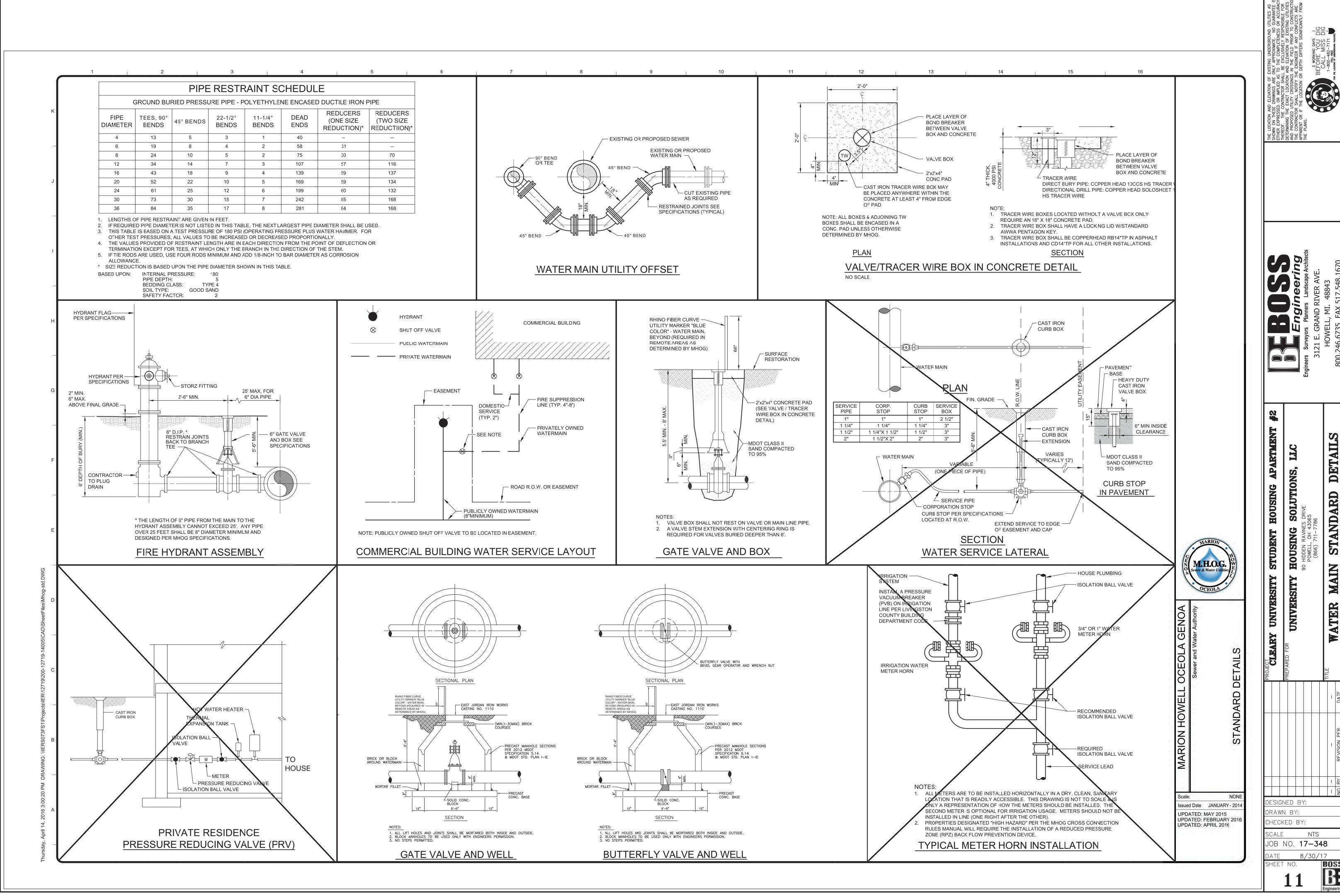
UNIVE ST DRAWN BY: HECKED BY: NTS OB NO. **17-348** 1: 2.5 Back Slope, No Live Load Surcharge, No Toe Slope 05481 US 31 SOUTH, CHARLEVOIX, MI 49720 8/30/17 (866) 222-8400 ext 3010 • engineering@redi-rock.com www.redi-rock.com

SOLUTIONS,

HOUSING

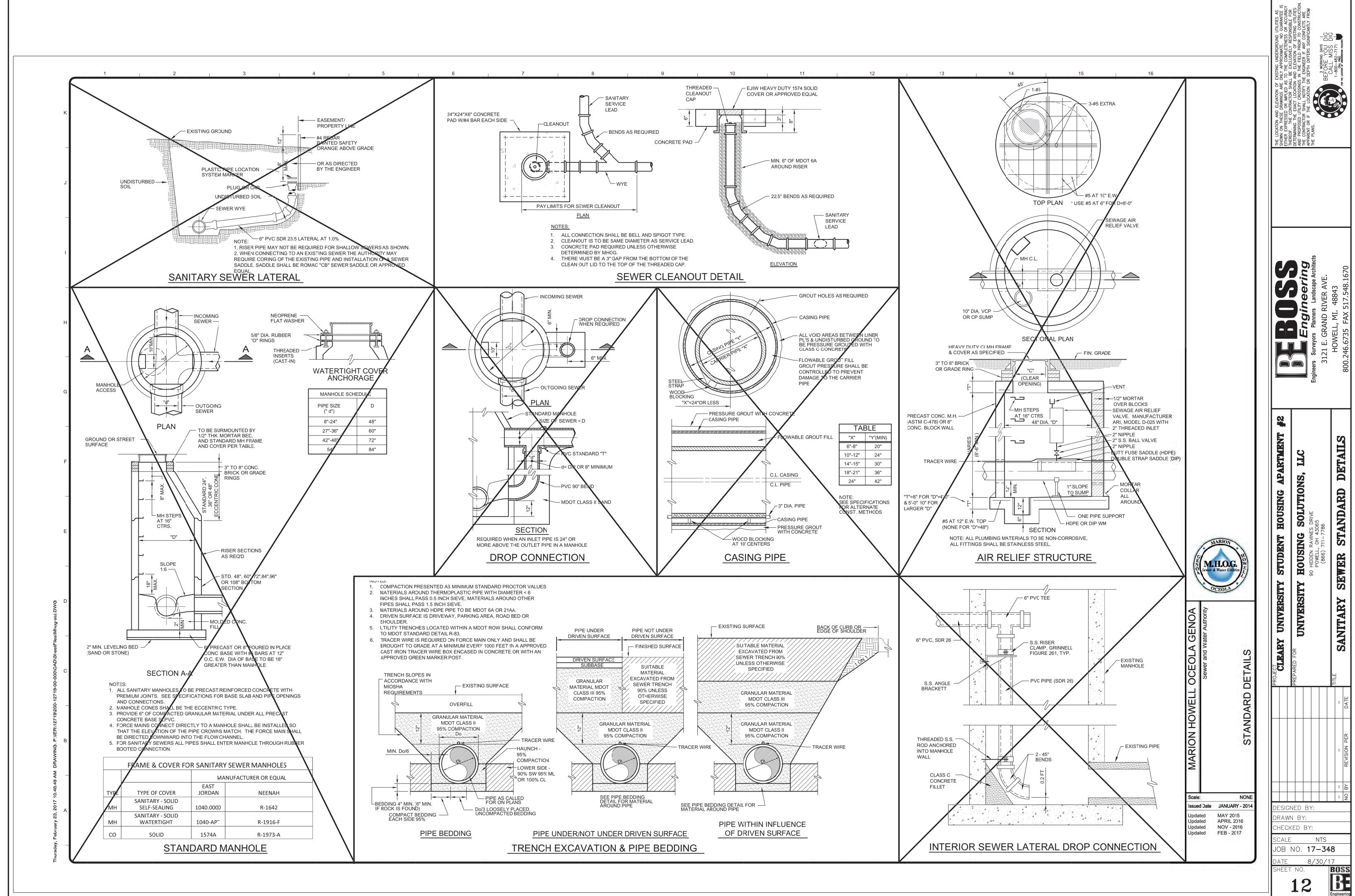
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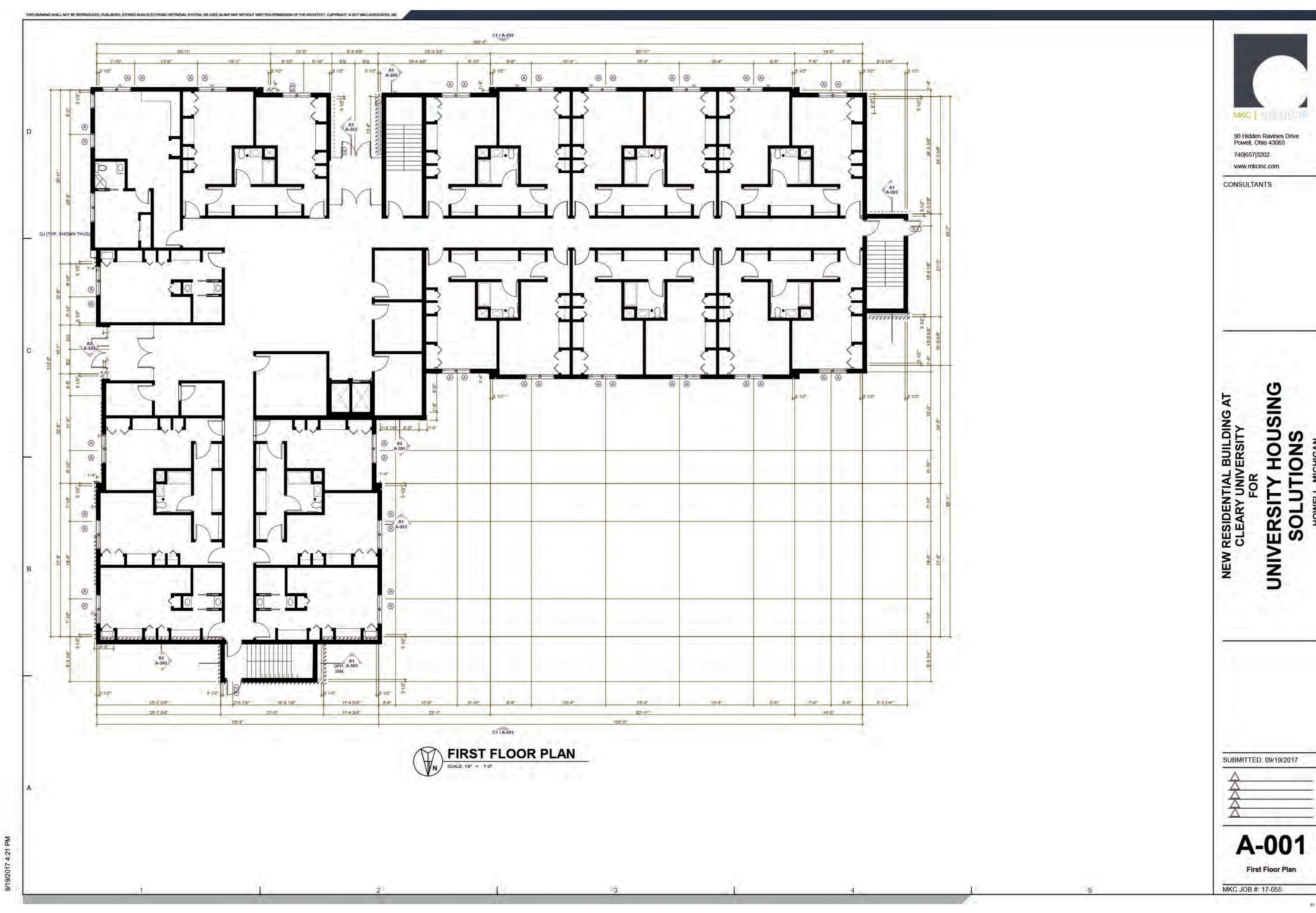
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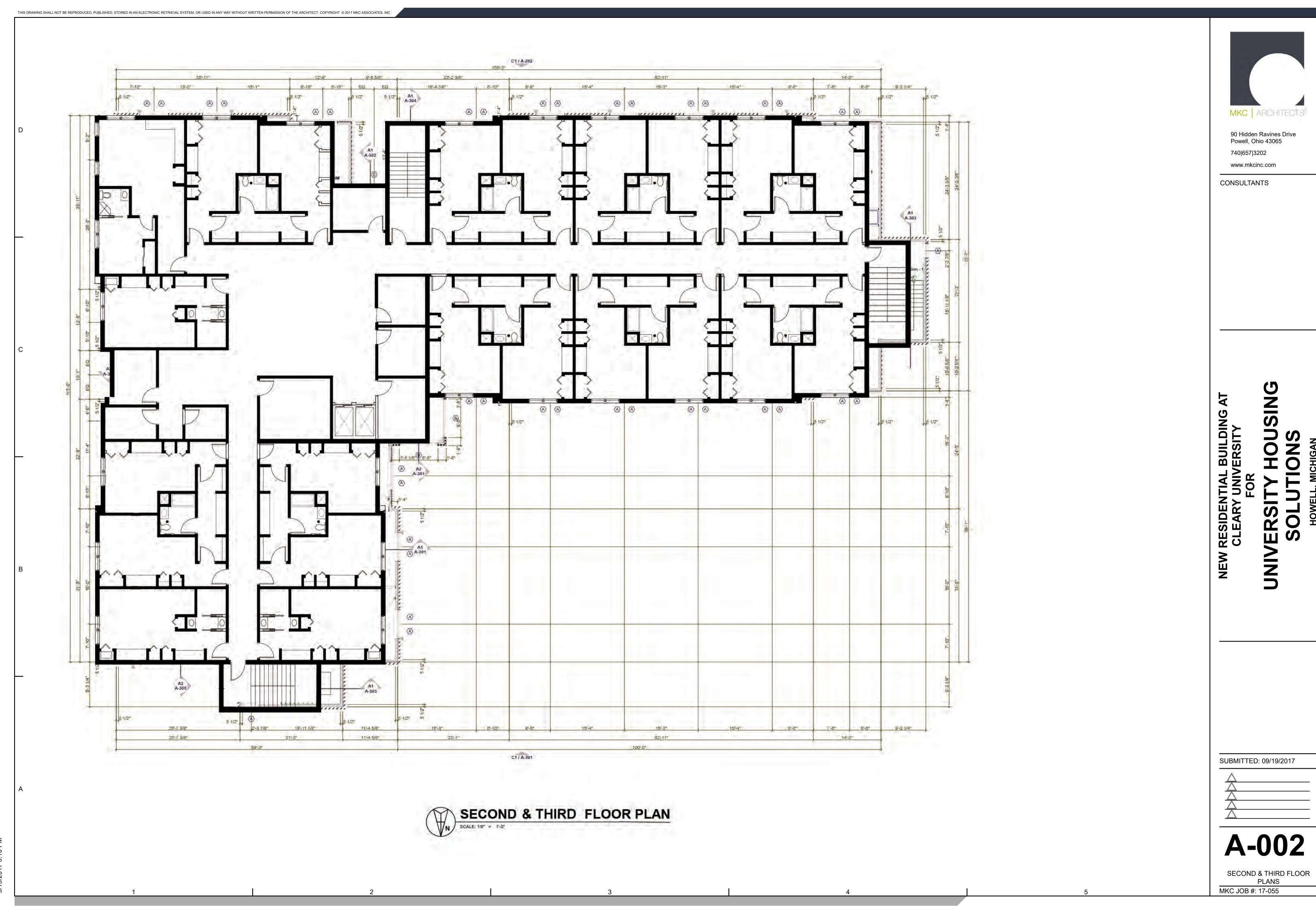
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62





PROPOSED NORTH ELEVATION



PROPOSED SOUTH ELEVATION

CONSTRUC



CONSULTANTS

NEW RESIDENTIAL
BUILDING AT
CLEARY UNIVERSITY

FOR

UNIVERSITY HOUSING SOLUTIONS

> HOWELL MICHIGAN

| MICHIGAN   |      |             |  |  |
|------------|------|-------------|--|--|
| ВМІТ       | TED: | 10/01/2014  |  |  |
|            |      | REVISIONS   |  |  |
| ARK        | DATE | DESCRIPTION |  |  |
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Renderings

JOB NO. SHEET A-202

rinted 10/15/2014



# **MEMO**

**TO:** Honorable Members of the Genoa Charter Township Board

FROM: Greg Tatara, Utility Director

**DATE:** October 11<sup>th</sup>, 2017

**RE:** Resolution approving Utility Department offering Operational Assistance to

Howell Township.

MANAGER REVIEW!

For consideration at tonight's Board Meeting is a resolution offering Genoa Charter Township's approval of the Utility Department providing assistance and advisement to Howell Township regarding operation of their sanitary sewer system. Over the past several months, we have been requested by Howell Township to help with lead location, plan interpretation, and to offer advice on recommendations made by their Operators. In mid-September we shared with all of the Boards the possibility of formalizing a working relationship with Howell Township for providing assistance. Therefore, based on feedback received and understanding the identified needs of Howell Township, we have developed an engagement letter with a defined scope of work, which if approved would allow the Utility Department to charge for assistance offered to Howell Township. By approving the attached resolution, Genoa Charter Township is remaining in compliance with the terms of the existing joint system operations agreement and authorizing our Department to present Howell Township with the attached engagement letter. I will be present at the October 16<sup>th</sup> Board Meeting to answer any questions Board Members may have.

#### GENOA CHARTER TOWNSHIP

"Township") held in Genoa Township, Michigan, on October 16, 2017 at 6:30 p.m. local time,

At a meeting of the GENOA CHARTER TOWNSHIP BOARD OF TRUSTEES (the

| there were: |                                                 |              |
|-------------|-------------------------------------------------|--------------|
| PRESENT:    |                                                 |              |
| ABSENT:     |                                                 |              |
| The follows | lowing preamble and resolution were offered by: | and seconded |

# Resolution Approving Sanitary Sewer Operations Assistance and Consultation to Howell Township

WHEREAS, the Township adopted and entered into an Amended and Restated Utility Services Agreement with the MHOG Sewer and Water Authority and the Genoa-Oceola Sewer and Water Authority on February 16, 2016 (Agreement); and,

WHEREAS, Howell Township has Requested the Township Utility Department to Provide Limited Consulting and Oversight Services for their Wastewater System and Operations Firm; and,

WHEREAS, Section 5.7.3 of the Agreement States that prior to providing such utility services to the requesting third party, "the governing board of each system will need to approve by resolution the services that will be performed, the costs that will be charged to such third party and the manner in which the staff and legal costs associated with providing utility services to such third party will be paid"; and,

WHEREAS, in accordance with the attached engagement letter it is anticipated that less than 200 hours of staff time will be allocated the Howell Township Wastewater System under the attached scope, therefore the Township Utility Department is capable of performing the Scope of Services without additional staff; and,

WHEREAS, revenue from Howell Township will off-set costs per the current allocation percentage to each of the participating sewer and or water systems.

# NOW, THEREFORE, BE IT RESOLVED BY THE AUTHORITY AS FOLLOWS:

- 1. Offering Howell Township the Engagement Letter Presented in Schedule A is approved.
- 2. All actions taken to date by the Township's Officers in the name of and on behalf of the Authority in connection with the foregoing resolution, are authorized, approved, ratified and confirmed in all respects.

| A vote on the foregoing                                                                                                 | ng resolution was taken and was as follows:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Yes:                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| No:                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Abstain:                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                                                                         | Clerk's Certificate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| hereby certifies that (<br>the Board of Genoa<br>throughout, (2) the or<br>meeting was conduct<br>with the Open Meeting | ned, being the duly qualified and acting Clerk of Genoa Charter Township, 1) the foregoing is a true and complete copy of a resolution duly adopted by Township at a meeting at which a quorum was present and remained riginal thereof is on file in the records of Genoa Charter Township, (3) the ed, and public notice thereof was given, pursuant to and in full compliance ngs Act (Act No. 267, Public Acts of Michigan 1976, as amended) and (4) ing were kept and will be or have been made available as required thereby. |
|                                                                                                                         | Clerk, Genoa Charter Township                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                                                                                         | 2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

Dated: October 16, 2017

# Exhibit A Engagement Letter



# **MHOG Utility Department**

**2911 Dorr Road** Brighton, MI 48116 **810-227-5225** 

www.mhog.org

October 18, 2017

Mr. Jonathan Hohenstein Treasurer, Howell Township 3525 Byron Road Howell, MI 48843

**Subject:** Engagement Letter for Sanitary Sewer System Advisory Services

Dear Mr. Hohenstein,

After Howell Township reached out to the MHOG Utility Department to discuss Howell Township's present operational activities, we discuss the manner in which the MHOG Utility Department performs its sanitary sewer system maintenance and operations. We were asked if our department could assess Howell Township's current operations and if there was areas that could be improved on. I have met with our staff as well the governing boards of the MHOG Utility Department. As a result of these discussions, please find accept this correspondence as the MHOG (aka Genoa) Utility Departments engagement letter to provide sanitary sewer system advisory services to Howell Township. A general summary of our scope of services is provided below. In offering this engagement letter, we are acknowledging that resolutions were adopted by Genoa Charter Township, the MHOG Sewer and Water Authority, and the Genoa-Oceola Sewer and Water Authority approving of this Scope of Services. Any deviation from this scope or increase in services will require approval of the above listed governmental units.

# **Scope of Services:**

# Task 1 – Severn Trent Contract Review

• Review the Severn Trent contract and provide Howell Township with a list of all scope items they should be providing. Of key importance will be reviewing specifically how they are supposed to take care of the collection system, designated cleaning, MISS DIG staking, etc. By having a thorough listing of the items they are to provide for operations and maintenance, we can better advise Howell Township on services and activities that should be completed as part of their existing contract or whether certain services and activities are outside their scope that should be handled by another party.

# <u>Task 2 – Collection System Recommendations</u>

• Inspect the collection system and using historical knowledge, make recommendations for collection system maintenance within the scope of the Severn Trent contract. These recommendations would include cleaning of pump stations and gravity sewer and testing of alarm systems. We have already made some recommendations of areas requiring cleaning, however, we would evaluate further areas for cleaning and maintenance.

• A key requirement for proper MISS DIG mapping, collection system maintenance, work order generation and tracking, and overall system operation is developing a system map that shows all manholes, force mains, pump stations, structures, outfalls, and connections. We understand there may be some digital data available through Livingston County or Spicer. We will prepare a Request for Proposal for firms to provide GIS assistance to Howell Township to take and digitize all plans, link plans electronically, and create a GIS spatial database of the collection system components, such as manholes, gravity mains, and pump stations. As part of creating the database, we will work with the GIS consulting firm to develop the schema for each system component, and work with Howell Township to identify what attributes, such as pipe sizes, material and installation dates, should be populated.

#### Task 4 – NPDES Permit Review

We understand in June of 2016 Howell Township applied for a new NPDES permit and
that this permit application is in the pre-public comment period. We will review the draft
NPDES permit when it becomes available in public comment period and assist the
township in responding to the MDEQ requirements in the permit before it becomes
finalized.

#### Task 5 – Operational Meeting Assistance

• The fifth task we propose is to assist Howell Township in answering questions and reviewing operator recommendations for plant and collection system operation during the Township's monthly operations meetings and as requested by Howell Township. We also may attend Board Meetings to address board questions on an as needed basis.

#### **Compensation:**

We have developed the following hourly rates which are inclusive of current employee salaries, benefits, and administrative costs. These rates are valid through 3/31/18.

Utility Director: \$80.50/hr. Deputy Director: \$61.75/hr.

Engineer: \$53.50/hr. Lead Operator: \$50.00/hr. Operator: \$40.00/hr.

For the above tasks will complete the tasks on a time and material basis. However for the purpose of estimating the level of effort, the budgetary numbers can be used for completion of the scope:

Task 1 - \$500

Task 2 - \$2,500 - \$3,500

Task 3 - \$2.500

Task 4 - \$500

Task 5 – T&M at above listed rates.

# **Termination of Agreement:**

This agreement may be terminated by either party with 30 days' notice. If the termination occurs mid task completion, Howell Township agrees to pay for services rendered up to the point of termination notice.

| Valediction:                                                                                                     |
|------------------------------------------------------------------------------------------------------------------|
| Should you have any questions or require additional information, please contact me at your earliest convenience. |
| Respectfully Submitted,                                                                                          |
| Greg Tatara Utility Director                                                                                     |
| Accepted:                                                                                                        |
| Date: Howell Township Representative                                                                             |

# Livingston County Road Commission (LCRC) COST AGREEMENT FOR TRAFFIC SIGNAL CONTROL

This agreement is terminable on thirty days notice by any party

Location: Latson Road / Hampton Ridge Blvd / Meijer Plan: n/a Township: Genoa Job No.: n/a

The undersigned hereby agree to participate in the cost of construction and maintenance of the proposed traffic signal control at the location described above. Details of installation are shown on attached plans prepared by OHM and dated 9/28/2017. Participation shall be based on the percentage of costs shown below. Maintenance costs relate to any replacement parts and/or repairs that are necessary for proper operation, including but not limited to vandalism and crash-related damage. Title to equipment shall remain with the Livingston County Road Commission, and the proper credit of salvaged value shall be issued to all parties upon removal of the equipment, in proportion to their share of original cost.

# **Participation for Traffic Signal Control**

| AGENCY                                                  | Construction Percent Est. Cost |                                        | Maintenance <u>Percent</u> <u>Est. Cost/Yr</u> |                                    |
|---------------------------------------------------------|--------------------------------|----------------------------------------|------------------------------------------------|------------------------------------|
| LCRC<br>Hampton Ridge<br>Meijer, Inc.<br>Genoa Township | 50%<br>0%<br>0%<br>50%         | \$ 52,775<br>\$ 0<br>\$ 0<br>\$ 52,775 | 50%<br>25%<br>25%<br>0%                        | \$ 500<br>\$ 250<br>\$ 250<br>\$ 0 |
| Total                                                   | 100%                           | \$105,550                              | 100%                                           | \$ 1,000                           |

It is further agreed that the agency responsible for power consumption costs shall be:

Livingston County Road Commission

| Approved<br>Hampton Ridge Condominium | n Association | Approved<br>Meijer, Inc.                   |
|---------------------------------------|---------------|--------------------------------------------|
| By:(Signature)                        | Date:         | By: Date:                                  |
| (Name and title, typed)               |               | (Name and title, typed)                    |
| Approved<br>Genoa Township            |               | Approved Livingston County Road Commission |
| By:(Signature)                        | Date:         | By: Date:                                  |
| (Name and title, typed)               |               | (Name and title, typed)                    |

# Hampton Ridge/Meijer Traffic Signal Cost Update

| Project Details a        | nd Costs      | LCRC                          | Genoa Twp. | Meijer/Hampton Ridge            |
|--------------------------|---------------|-------------------------------|------------|---------------------------------|
| Design                   | 3.5231 (0)    | 100%                          | 0%         | 0%                              |
| Admin/Testing/Inspection |               | 100%                          | 0%         | 0%                              |
| Maintenance              |               | 50%                           | 0%         | 50% (25% each)                  |
| Hampton Road             | \$ 101,442.50 | 0%                            | 100%       | 0%                              |
| Hampton Signal           | \$ 105,550.00 | 50%                           | 50%        | 0%                              |
| Figurski                 | Deferred      | Deferred                      | Deferred   | Deferred                        |
| Contingency              | \$ 13,560.13  | 0%                            | 100%       | 0%                              |
| Total Costs              | \$ 220,552.63 | Design/Admin +<br>\$52,775.00 | 167,777.63 | Maintenance + sprinkler removal |

# From the desk of Polly Skolarus, Clerk

#### Petitions

Every now and then you may be approached by someone asking you to sign a petition. It may be to place a question on a ballot or approve a candidate for office. This action is allowed by law and is encouraged with the creation of special assessment districts. Before you sign, please be sure to read the complete petition and assure yourself that it is something that you believe in. Once your signature is on a petition it may not be removed.

The township recently received petitions from residents of one of our lake districts asking for an aquatic weed control project. More than 60% of the residents who lived on the lake signed the petition. When the first public hearing was scheduled 19 families asked to rescind or remove their signature from the petition. Our Township attorney advised the board that uunder a Supreme Court decision from 1959, a person may not rescind after their signature is added to a petition.

#### **Another Invasive Species Arrives in Michigan**

The red swamp crayfish is bright red with raised bumps on the back and claws. They build deep burrows into our lakes and streams and cause shoreline erosion. The only good thing about them is that they are delicious and you can cook them up just as you would lobster.

The red swamp crayfish compete with native crayfish and prey on small fish and fish eggs. Most recent sightings occurred in a small retention pond in Novi where traps collected 699 crayfish between July 17<sup>th</sup> and July 26<sup>th</sup> 2017. Crayfish were then found in Farmington Hills and Livonia. The red swamp crayfish spread quickly and lay as many as 600 eggs. These very aggressive invaders are difficult to eradicate because they burrow down so deep in the ground.

DNR officials are trying to control the population. So if you see what looks like a tiny lobster, maybe at a lake, or just trying to cross the road, take a picture, trap it, so it doesn't spread to new water bodies (but be careful: like most crayfish, they do pinch.) If you do trap one the DNR recommends putting them in your freezer. Yes, you may consume them, but it is important to emphasize that it is not legal to possess live red swamp crayfish. The DNR doesn't want people to catch them live and potentially expand their range by taking them to another lake or stream. For more information, check out the DNR site at <a href="http://www.michigan.gov/documents/dnr/InvasiveSpeciesAlert-RedSwampCrayfish">http://www.michigan.gov/documents/dnr/InvasiveSpeciesAlert-RedSwampCrayfish</a> 494188 7.pdf.



Red Swamp Crayfish



Needlecast disease

.



Phomopsis fungus disease

# A New Infestation Hits Michigan

Over the last 60 years we have seen the decline of Michigan's trees. Just observe the trees along our roadways that are dead or dying. Elm and chestnut trees have disappeared. Beech bark disease may wipe out our beech trees. Half the oak trees have disappeared from 45,000 acre study done the by University of Michigan. All this is a result of acid rain according to experts.

Today Michigan's pine and spruce trees are on the decline. Perhaps you have noticed that your spruce and pine trees are no longer looking healthy. The culprit is more than likely "needle-cast" which may cause the inner needles to die off, leaving only green tips on branches. The brown needles will have tiny black dots, which are evidence of the fungus. You can spray with a fungicide in early spring just as the needles are emerging and again several weeks later to prevent infection. This disease is usually worse where air circulation is poor. Opening up for better airflow may also help reduce this disease. The second fungus called Phomopsis has been around for a long time and infected small seedlings but not more mature trees. Now it has its eye on larger trees. It starts out with dead branches on lower limbs and then moves on up the trunk finally killing the entire tree.

Blue, white and Norway spruce are not native to Michigan and are susceptible to the disease and scientists are trying to determine why this is happening but do not have any answers. Homeowners need to be aware that Michigan's spruce and pine trees are dying. Michigan State Extension says a couple of things can be done:

- If you are planting new spruce trees, don't group them together as this allows easy contamination from one to another.
- If you have a tree that is infected near a healthy tree, remove the infected tree so that the disease is not transmitted to the healthy tree.
- If you spot dead branches, you should prune them ... and get rid of lower limbs to help with air circulation.
- If you're not sure what's going on with your tree call an expert. Not all spruce trees are diseased. Some may be dying of natural causes.

References: Michigan State University Extension Karleen Shafer, Arborist

#### From the desk of Robin Hunt, Treasurer

# Did you know?

- Plastic grocery bags or black bags should not be used to collect your recyclables
- The township provides one **free** sticker each year so that residents may dispose of dishwashers, refrigerators, old televisions, mattresses, etc.
- Call the township if Green for Life is not picking up your refuse or recyclables

#### Summer Tax bills information:

- Mailed June 30th
- Due between July 1<sup>st</sup> and September 14<sup>th</sup>
- 1% interest fee if paid after September 14<sup>th</sup>
   Additional 1% will be applied the first of each month till paid.
- Payable to Genoa Twp. Till February 28<sup>th</sup>.
- March 1<sup>st</sup> tax bill are payable at the Livingston County Treasurer
- County will charge 1% interest per month and 4% administration fee

#### Winter Tax Bills information:

- Mailed November 30<sup>th</sup>
- Due between December 1<sup>st</sup> and February 28<sup>th</sup>
- Payable to Genoa Twp. Till February 28<sup>th</sup>
- March 1<sup>st</sup> tax bill are payable at the Livingston County Treasurer
- County will charge 1% interest per month and 4% administration fee

## Things to remember:

- Partial payments can be made at Genoa Twp. until February 28<sup>th</sup> on Summer or Winter taxes.
   Payments can be made as often as you like and in any dollar amount.
- Tax payments can be made at the Township office by cash or check, Mon-Fri. 9:00am to 5:00pm
  - A. By check mailed to: Genoa Township 2911 Dorr Rd., Brighton, MI 48116
    - \* POSTMARKS ARE NOT ACCEPTED.
  - B. By check placed in the drop box located at the Township Hall.
  - C. Credit card and electronic check payments can ONLY BE MADE ONLINE at www.genoa.org
    - \* 3% convenience fee for credit card payments
    - \* \$3.00 fee for electronic check payments
- If you have any questions about your taxes, please contact the township Treasurer's office at 810-227-5225
- Genoa Charter Township has a wonderful website full of information www.genoa.org
- For more detailed information see the back of your tax bill.

#### Addresses and phone numbers to remember:

Genoa Charter Township 2911 Dorr Rd. Brighton, MI 48116 810-227-5225 Livingston County Treasurer 200 E. Grand River Howell, MI 48843 517-546-7010