



CITY OF BURTON

BURTON PLANNING COMMISSION MEETING

OCTOBER 8, 2019

AGENDA

Council Chambers

Regular Meeting

5:00 PM

**4303 S. CENTER ROAD
BURTON, MI 48519**

A. PLEDGE OF ALLEGIANCE

B. ROLL CALL

C. STAFF PRESENT

D. APPROVAL OF MINUTES

E. SITE PLAN REVIEW

1. SPR #19-41

By: Mid-State Bolt & Screw
4126 Somers Dr.
Burton, MI 48529

Re: 4186 Somers Dr. Burton, MI 48529
59-31-529-005 / M-1 Light Industrial

For: Construction of a New Warehouse

F. ADMINISTRATIVE SITE PLAN REVIEW

1. SPR #19-32

By: Jason Brewer
3162 Hemphill Rd.
Burton, MI 48529

Re: 3162 Hemphill Rd. Burton, MI 48529

For: Welding

2. SPR #19-33

By: Jason Brewer
3162 E. Hemphill Rd.
Burton, MI 48529

Re: 3140 E. Hemphill Rd. Burton, MI 48529

For: Welding

3. SPR #19-34

By: Kathy Jackson
11715 Park Dr.
Lennon, MI 48449

Re: 4470 S. Saginaw St. Ste A Burton, MI 48529

For: Embroidery printing and retail sales

4. SPR #19-35

By: Mike Joubran
5466 N. Genesee Rd.
Flint, MI 48506

Re: 3440 E. Bristol Rd. Burton, MI 48529

For: Change of Ownership – Self Storage

5. SPR #19-36

By: Tom Hendrickson
4470 S. Saginaw St.
Burton, MI 48529

Re: 4470 S. Saginaw St. Burton, MI 48529

For: Expand parking lot

6. SPR #19-37

By: Amy Sego
31 Oak Lane
Flint, MI 48506

Re: 1145 N. Belsay Rd. Burton, MI 48509

For: Retail

7. SPR #19-38

By: Lashonda Perkins
7041 Misty Moon
Grand Blanc, MI 48439

Re: 4449 S. Saginaw St. Burton, MI 48529

For: Resale Shop

8. SPR #19-39

By: Tres Simi
177 Holston Dr.

Lancaster, CA 93535

Re: 1245 S. Center Rd. Burton, MI 48509

For: Flex High School of Michigan

9. SPR #19-40

By: Mechanical Specialties, Inc.
P.O. Box 268
Davison, MI 48423

Re: 5515 Davison Rd. #13 Burton, MI 48509

For: Office Space

G. AUDIENCE PARTICIPATION

Now is the time set-aside for members of the audience to address the Burton Planning Commission. I would ask each individual to give their name and address for the record and to limit their comments to three (3) minutes and to speak on the topics germane to City business.

H. BOARD DISCUSSION

The next regular scheduled Planning Meeting will be held on November 12, 2019 @ 5:00 PM.

Agendas and minutes may be found at www.burtonmi.gov



Burton Planning Commission

4303 S. Center Road
Burton, MI 48519

SCHEDULED

AGENDA ITEM (ID # 4598)

Meeting: 10/08/19 05:00 PM
Department: Department of Public Works
Category: Site Plan Review
Prepared By: Amber Abbey
Department Head: Bette Bigsby

E.1

DOC ID: 4598

SPR #19-41

By: Mid-State Bolt & Screw
4126 Somers Dr.
Burton, MI 48529

Re: 4186 Somers Dr. Burton, MI 48529
59-31-529-005 / M-1 Light Industrial

For: Construction of a New Warehouse

ATTACHMENTS:

- Back up 19-41 (PDF)



City of Burton
Department of Public Works
4093 Manor Drive
Genesee County, Burton, Michigan 48519
(810) 742-9230



APPLICATION FOR SITE PLAN REVIEW

DATE FILED: 9-23-19
FEE: 400.00
RECEIPT NO: _____
CHECK NO: _____

SPR #: 19-41

PLEASE PRINT

DATE OF PLANNING COMMISSION MEETING: October 8th 19 @ 5:00pm

APPLICANTS NAME: MID-STATES Bolt + SCREW

APPLICANTS ADDRESS: 4126 SOMERS DR. BURTON

APPLICANTS PHONE NO: 810.744.0123

PROPOSED NAME OF BUSINESS: SAME

SITE ADDRESS: VACANT Lot Somers Dr.

SUBDIVISION & LOT # OR PARCEL NUMBER: 59-31-529-005

RE: NEW WAREHOUSE

APPLICANT: IT IS TO YOUR ADVANTAGE TO ATTEND THE ABOVE SCHEDULED MEETING. THE PLANNING COMMISSION MAY HAVE QUESTIONS THAT DIRECTLY AFFECT APPROVAL DENIAL, OR POSTPONING UNTIL THESE QUESTIONS CAN BE ANSWERED.

APPLICANTS SIGNATURE: *Matt Sam*

NOTE: All site plans must be filed at least two (2) weeks prior to the Planning Commission hearing and **MUST** comply with the procedures set forth in Section 157.092 of Codified Ordinance as attached. Must include **twelve (12) sets** of prints in order to process the application.

Attachment: Back up 19-41 (4598 : SPR #19-41)

MID-STATES BOLT & SCREW COMPANY

NEW WAREHOUSE & PARKING SITE PLAN APPROVAL PACKAGE

4126 SOMERS DRIVE
BURTON, MI 48529

PART OF THE NORTHEAST 1/4 OF SECTION 31
TOWNSHIP 07 NORTH, RANGE 07 EAST
CITY OF BURTON, COUNTY OF GENESEE, STATE OF MICHIGAN

PROPERTY DESCRIPTION:

A PARCEL OF LAND LOCATED IN THE NORTHEAST 1/4 OF SECTION 31, TOWN 7-NORTH, RANGE 7-EAST, CITY OF BURTON, GENESEE COUNTY, STATE OF MICHIGAN MORE PARTICULARLY DESCRIBED AS:

LOT 4 AND LOT 5 OF "RIZZO INDUSTRIAL COMPLEX" SUBDIVISION AS RECORDED IN LIBER 78, PAGE 16 OF GENESEE COUNTY PLAT RECORDS.

DRAWING INDEX:

●	09-23-2019	C000 — COVER SHEET
●	09-23-2019	C100 — TOPOGRAPHIC SURVEY PLAN
○		C101 — SITE REMOVAL PLAN
○		C200 — SITE LAYOUT PLAN
●	09-23-2019	C300 — SITE GRADING & STORM SEWER PLAN
●	09-23-2019	C301 — PROPOSED DRAINAGE AREA MAP & STORM WATER CALCULATIONS
●	09-23-2019	C302 — SOIL EROSION & SEDIMENTATION CONTROL PLAN
●	09-23-2019	C400 — SITE UTILITY PLAN
●	09-23-2019	C401 — SITE PHOTOMETRIC PLAN
●	09-23-2019	C500 — SITE LANDSCAPE PLAN
●	09-23-2019	C600 — SITE DETAILS
●	09-23-2019	A1.1 — FLOOR PLAN
●	09-23-2019	A6.1 — BUILDING ELEVATIONS
●	09-23-2019	A6.2 — BUILDING ELEVATIONS
○		— SANITARY SEWER DETAILS (COUNTY)
○		— PRESSURE PIPE DETAILS (COUNTY)
○		— GENERAL CONSTRUCTION NOTES (COUNTY)

●	DATE
●	MOST RECENT ISSUE / REVISION DATE
○	FILLED CIRCLE INDICATES SUBMITTED DRAWING

BENCHMARKS (NAVD88):

- BM #1 TOP ARROW ON FIRE HYDRANT LOCATED APPROXIMATELY 26' NORTHEAST OF U-HAUL FENCE CORNER, 3.50' SOUTHEAST OF 12" DECIDUOUS TREE, 342' SOUTH OF C MID-STATES SOUTHERLY ENTRANCE, 88' NORTHWEST OF C U-HAUL ENTRANCE, ELEVATION = 784.73
- BM #2 TOP ARROW ON FIRE HYDRANT LOCATED APPROXIMATELY 303' NORTHEAST OF U-HAUL FENCE CORNER, 203' SOUTHEAST OF SE MID-STATES BUILDING CORNER, 63' SOUTH OF C MID-STATES SOUTHERLY ENTRANCE, ELEVATION = 782.99

GCDC-WWS CONTRACTOR ALERT STATEMENT:

THIS PROJECT HAS BEEN DESIGNED IMPLEMENTING THE LATEST GCDC-WWS DESIGN SPECIFICATIONS (7TH EDITION). CAREFULLY REVIEW THE NOTES, DETAILS, AND DESIGN PRIOR TO SUBMITTING A BID. FULL COMPLIANCE WITH THE STANDARDS WILL BE REQUIRED.

NPDES STATEMENT:

THE OWNER WILL NOT NEED TO OBTAIN AN NPDES STORM WATER DISCHARGE PERMIT FROM THE MDEQ. TOTAL DISTURBED AREA: X.XX ACRES

TOPOGRAPHIC SURVEY STATEMENT:

THE EXISTING FEATURES SHOWN ON THIS PLAN ARE FROM AN ACTUAL TOPOGRAPHIC SURVEY PERFORMED BY GRIGGS QUADERER, INC. IN JUNE OF 2015. THE UNDERGROUND UTILITIES SHOWN WERE EITHER VERIFIED BY THIS SURVEY OR WERE PLOTTED IN ACCORDANCE WITH THE BEST INFORMATION AVAILABLE. NO EXISTING UTILITIES WERE EXPOSED FOR VERIFICATION OF LOCATION AND ELEVATION. NO GUARANTEES ARE GIVEN THAT THE LOCATIONS ARE ABSOLUTELY ACCURATE OR THAT UTILITIES OTHER THAN THOSE SHOWN ARE NOT PRESENT.

OWNER: SCOTT R. SOMERS
MID-STATES BOLT & SCREW CO.
4126 SOMERS DRIVE
BURTON, MI 48529
PHONE: (810) 744-0123
EMAIL: SCOTTSMIDSTATESBOLT.COM

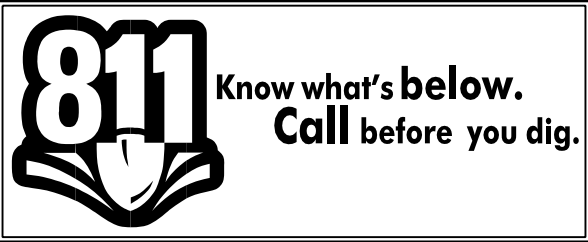
CONTRACTOR: TERRY MAYBERRY
SIWEK CONSTRUCTION
5020 PILGRIM ROAD
FLINT, MI 48507
PHONE: (810) 736-7843
EMAIL: TMAYBERRY@SIWEKCC.COM

ARCHITECT: JOHN GAZALL
GAZALL, LEWIS & ASSOC. ARCHITECTS, INC.
MOTT FOUNDATION BUILDING
503 S. SAGINAW STREET, STE. 100
PHONE: (810) 239-4691
EMAIL: JGAZALL@GAZALL-LEWIS.COM

ENGINEER: RUDY QUADERER
GRIGGS QUADERER, INC.
8308 OFFICE PARK DRIVE
GRAND BLANC, MI 48439
PHONE: (810) 695-0154
EMAIL: RQUADERER@GQINCORP.COM

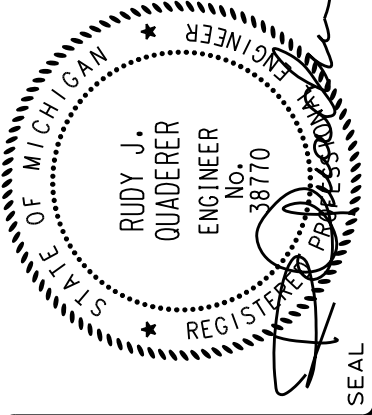


LOCATION MAP
NOT TO SCALE



STANDARD LEGEND		
DESCRIPTION	PROPOSED	EXISTING
BUILDING		
STORM SEWER		
SANITARY SEWER		
WATER		
GAS LINE		
ELECTRIC LINE		
TELEPHONE LINE		
MANHOLE		
CATCH BASIN		
FIRE HYDRANT		
GATE VALVE & WELL		
POWER POLE		
LIGHT POLE		
CURB & GUTTER		
FENCE		
DECIDUOUS TREE		
EVERGREEN TREE		
EASEMENT		
WETLAND BOUNDARY		
SIGN		
ASPHALT SURFACE		
CONCRETE SURFACE		
SOIL BORING		
SPOT ELEVATION		
CONTOUR LINE		

AGENCY CONTACT INFORMATION					
AGENCY	SUBMITTAL DATE	STATUS	AGENCY	SUBMITTAL DATE	STATUS
AMBER ABBEY DEPUTY PLANNING OFFICIAL CITY OF BURTON 4093 MANOR DR. BURTON, MI 48519 PH: 810-742-9230 EXT.3103	09-16-2019	UNDER REVIEW	SOIL EROSION CONTROL CITY OF BURTON ENGINEERING DIVISION 4303 S. CENTER ROAD BURTON, MI 48519 PH: (810) 742-7311	-	-
SANITARY GCDC-WWS LYNETTE MEINZ, PE G-4610 BEECHER RD. FLINT, MI 48532 PH: 810-732-7870	-	-	IPP GCDC-WWS MELISSA GLASCOV G-4610 BEECHER RD. FLINT, MI 48532 PH: 810-732-7870	-	-
STORM GCDC-WWS TOM JONES G-4610 BEECHER RD. FLINT, MI 48532 PH: 810-732-1590	-	-	GAS/ELEC - CONSUMER'S MARTY FREEMAN PO BOX 408 3201 E. COURT ST. FLINT, MI 48501 PH: 810-760-3547	-	-



NO.	DATE	REVISION OR ISSUE
09-23-19	ISSUED TO CITY OF BURTON	
05-21-19	90% REVIEW	

DRAWN	QUADERER
DESIGNED	
CHECKED	
FIELD CREW	CB

4126 SOMERS DR.
BURTON, MI 48529

**mid-states
bolt & screw co.**
the dedicated fastener people.

NORTHEAST 1/4
SECTION 31
TOWNSHIP 7N, RANGE 7E

COVER SHEET

Griggs Quaderer, Inc.
8308 OFFICE PARK DRIVE
GRAND BLANC, MI 48439
PH: (810) 695-0154
FX: (810) 695-0158
WWW.GQINCORP.COM

**CIVIL ENGINEERING - LAND SURVEYING
SITE PLANNING**

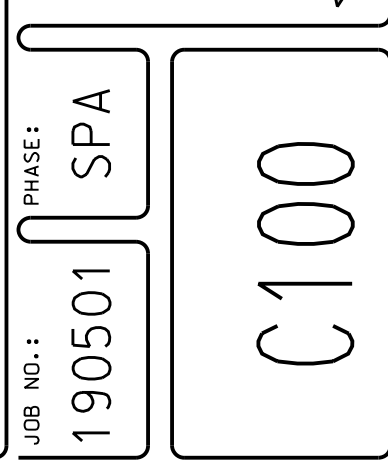
15th ANNIVERSARY
2004 - 2019



PHASE: SPA

JOB NO.: 190501

C000



CURRENT ZONING:	LIGHT INDUSTRIAL (M-1)
PROPOSED ZONING:	LIGHT INDUSTRIAL (M-1)
CURRENT USE:	VACANT
PROPOSED USE:	WAREHOUSE
TOTAL SITE AREA:	96,271 SF
TOTAL BUILDING AREA:	30,400 SF
LOT COVERAGE BY BLDG:	31.6%
TOTAL IMPIEVIOUS AREA:	67,172 SF
LOT COVERAGE BY IMPIEVIOUS:	69.8%

 ASPHALT PAVEMENT SECTION (ON-SITE) RE: C600

 CONCRETE PAVEMENT SECTION RE: C600

1. ALL MATERIALS AND CONSTRUCTION METHODS SHALL CONFORM WITH THE REQUIREMENTS OF ALL GOVERNING AGENCIES HAVING JURISDICTION (LOCAL, COUNTY, STATE), UNLESS OTHERWISE NOTED. CONSTRUCTION MATERIALS SHALL COMPLY WITH THE LATEST EDITION OF THE STATE OF MICHIGAN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION AND PROJECT SPECIFICATIONS. IN CASE OF DISCREPANCIES BETWEEN REQUIREMENTS, THE MOST STRINGENT SHALL APPLY.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING TO ACCOMPLISH ALL WORK INDICATED ON PLANS AND TO PERFORM REQUIRED COMPACTION OPERATIONS. REFER TO GEOTECHNICAL REPORT FOR RECOMMENDATIONS REGARDING THIS SITE. CONTRACTOR TO PROVIDE TESTING CONSULTANT TO VERIFY DENSITY REQUIREMENTS FOR SUBGRADE (IF REQUIRED).
3. PROVIDE ADEQUATE BARRICADES AT DRIVES, ENTRANCES, EXCAVATIONS AND OTHER OPENINGS TO KEEP OUT UNAUTHORIZED PERSONS AND FOR PUBLIC SAFETY AND TRAFFIC CONTROL. SAFETY PROVISIONS OF APPLICABLE LAWS INCLUDING REQUIREMENTS SET FORTH BY OSHA SHALL BE OBSERVED AT ALL TIMES. BARRICADES LEFT IN PLACE AT NIGHT SHALL BE LIGHTED.
4. NO EQUIPMENT OR MATERIAL STORAGE IS PERMITTED WITHIN THE ROAD RIGHT-OF-WAY.
5. CONTRACTOR'S MANNER AND METHOD OF INGRESS AND EGRESS WITH RESPECT TO THE PROJECT AREA SHALL IN NO WAY PROHIBIT OR DISTURB NORMAL PEDESTRIAN OR VEHICULAR TRAFFIC AND SHALL BE IN FULL AND COMPLETE SUBJECT TO REGULATION AND WRITTEN APPROVAL OF APPROPRIATE GOVERNING AGENCIES.
6. RESTORE ALL STREET SURFACES, DRIVEWAYS, CULVERTS, ROADSIDE DRAINAGE DITCHES, AND OTHER PUBLIC OR PRIVATE STRUCTURES THAT ARE DISTURBED OR DAMAGED AS A RESULT OF CONSTRUCTION TO A CONDITION EQUAL TO OR BETTER THAN EXISTING CONDITIONS AND TO THE SATISFACTION OF THOSE HAVING JURISDICTION.
7. CONTRACTOR SHALL EROSION CONTROL PERMIT FROM GOVERNING AGENCY AND SET TEMPORARY EROSION CONTROL MEASURES AS INDICATED ON THESE DOCUMENTS PRIOR TO BEGIN OF ANY DEMOLITION OR EARTHWORK.
8. THE CONTRACTOR SHALL NOTIFY MISS DCD (811) THREE (3) WORKING DAYS PRIOR TO STARTING ANY EXCAVATION WITH POWER EQUIPMENT.
9. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL CONSTRUCTION LAYOUT AND GRADE ELEVATIONS FOR THEIR WORK IN ACCORDANCE WITH DATA SHOWN ON DOCUMENTS.
10. EXCAVATED AREAS WITHIN PROPOSED BUILDING AND PAVEMENT AREAS SHALL BE BACKFILLED TO FINISHED SURFACE ELEVATION WITH STRUCTURAL FILL (MIXED SAND), THE SAND SHALL BE COMPACTED IN CONTINUOUS LIFTS NOT EXCEEDING 8 INCH LOOSE LIFTS, COMPACTED TO 95 PERCENT OF MAXIMUM DENSITY IN ACCORDANCE WITH ANSI/ASTM D 1557 MODIFIED PROCTOR.
11. COORDINATES AND/OR DIMENSIONS SHOWN ON THIS DOCUMENT ARE TO BACK OF CURB, OUTSIDE FACE OF BUILDING FOUNDATIONS, EDGE OF PAVEMENT, CENTER OF STRUCTURE, CENTERLINE OF STRIPING UNLESS NOTED OTHERWISE.
12. REFER TO ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS, SLAB AND UNDERBED THICKNESS.

[illegible]

DRAWN	QUADERER
DESIGNED	
CHECKED	
FIELD CREW CB	

mid-states
bolt & screw co.
the dedicated faster people.

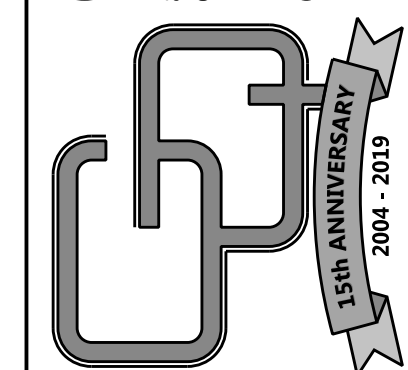
4126 SOMERS DR.
 BURTON, MI 48529

NORTHEAST 1/4
 SECTION 3
 TOWN-N, RANGE-7E

SITE LAYOUT PLAN

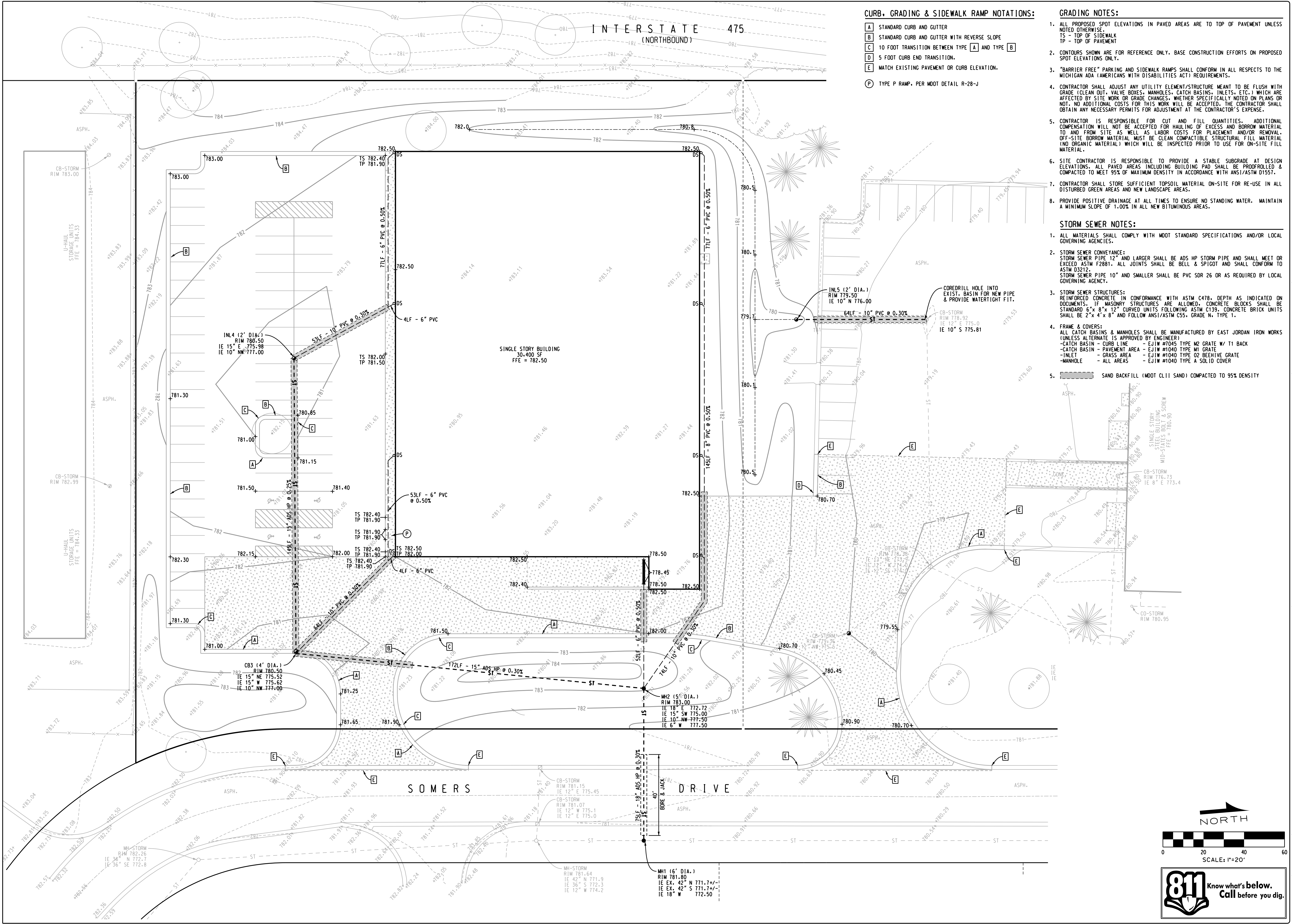
Griggs Quaderer, Inc.
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WWW.GOINCCORP.COM
PH: (810) 695-0154
FX: (810) 695-0158

**CIVIL ENGINEERING • LAND SURVEYING
SITE PLANNING**



JOB NO.: 190501 PHASE: SPA

C200



CURB, GRADING & SIDEWALK RAMP NOTATIONS:

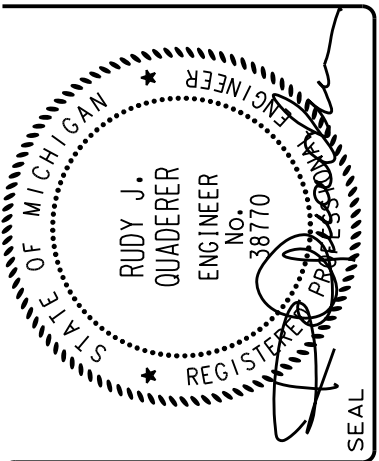
- A** STANDARD CURB AND GUTTER
- B** STANDARD CURB AND GUTTER WITH REVERSE SLOPE
- C** 10 FOOT TRANSITION BETWEEN TYPE **A** AND TYPE **B**
- D** 5 FOOT CURB END TRANSITION.
- E** MATCH EXISTING PAVEMENT OR CURB ELEVATION.
- P** TYPE P RAMP, PER MDT DETAIL R-28-J

GRADING NOTES:

- ALL PROPOSED SPOT ELEVATIONS IN PAVED AREAS ARE TO TOP OF PAVEMENT UNLESS NOTED OTHERWISE.
TS - TOP OF SIDEWALK
TP - TOP OF PAVEMENT
- CONTOURS SHOWN ARE FOR REFERENCE ONLY. BASE CONSTRUCTION EFFORTS ON PROPOSED SPOT ELEVATIONS ONLY.
- "BARRIER FREE" PARKING AND SIDEWALK RAMPS SHALL CONFORM IN ALL RESPECTS TO THE MICHIGAN ADA (AMERICANS WITH DISABILITIES ACT) REQUIREMENTS.
- CONTRACTOR SHALL ADJUST ANY UTILITY ELEMENT/STRUCTURE MEANT TO BE FLUSH WITH GRADE (CLEAN OUT, VALVE BOXES, MANHOLES, CATCH BASINS, INLETS, ETC.) WHICH ARE AFFECTED BY SITE WORK OR GRADE CHANGES, WHETHER SPECIFICALLY NOTED ON PLANS OR NOT. NO ADDITIONAL COSTS FOR THIS WORK WILL BE ACCEPTED. THE CONTRACTOR SHALL OBTAIN ANY NECESSARY PERMITS FOR ADJUSTMENT AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR IS RESPONSIBLE FOR CUT AND FILL QUANTITIES. ADDITIONAL COMPENSATION WILL NOT BE ACCEPTED FOR HAULING OF EXCESS AND BORROW MATERIAL TO AND FROM SITE AS WELL AS LABOR COSTS FOR PLACEMENT AND/OR REMOVAL. OFF-SITE BORROW MATERIAL MUST BE CLEAN COMPACTIBLE STRUCTURAL FILL MATERIAL (NO ORGANIC MATERIAL) WHICH WILL BE INSPECTED PRIOR TO USE FOR ON-SITE FILL MATERIAL.
- SITE CONTRACTOR IS RESPONSIBLE TO PROVIDE A STABLE SUBGRADE AT DESIGN ELEVATIONS, ALL PAVED AREAS INCLUDING BUILDING PAD SHALL BE PRODDROLLED & COMPACTED TO MEET 95% OF MAXIMUM DENSITY IN ACCORDANCE WITH ANSI/ASTM D1557.
- CONTRACTOR SHALL STORE SUFFICIENT TOPSOIL MATERIAL ON-SITE FOR RE-USE IN ALL DISTURBED GREEN AREAS AND NEW LANDSCAPE AREAS.
- PROVIDE POSITIVE DRAINAGE AT ALL TIMES TO ENSURE NO STANDING WATER. MAINTAIN A MINIMUM SLOPE OF 1.00% IN ALL NEW BITUMINOUS AREAS.

STORM SEWER NOTES:

- ALL MATERIALS SHALL COMPLY WITH MDT STANDARD SPECIFICATIONS AND/OR LOCAL GOVERNING AGENCIES.
- STORM SEWER CONVEYANCE:
STORM SEWER PIPE 12" AND LARGER SHALL BE ADS HP STORM PIPE AND SHALL MEET OR EXCEED ASTM F2881. ALL JOINTS SHALL BE BELL & SPIGOT AND SHALL CONFORM TO ASTM D3212.
STORM SEWER PIPE 10" AND SMALLER SHALL BE PVC SDR 26 OR AS REQUIRED BY LOCAL GOVERNING AGENCY.
- STORM SEWER STRUCTURES:
REINFORCED CONCRETE IN CONFORMANCE WITH ASTM C478. DEPTH AS INDICATED ON DOCUMENTS. IF MASONRY STRUCTURES ARE ALLOWED, CONCRETE BLOCKS SHALL BE STANDARD 6" x 8" x 12" CURVED UNITS FOLLOWING ASTM C139. CONCRETE BRICK UNITS SHALL BE 2" x 4" x 8" AND FOLLOW ANSI/ASTM C55. GRADE N, TYPE 1.
- FRAME & COVERS:
ALL CATCH BASINS & MANHOLES SHALL BE MANUFACTURED BY EAST JORDAN IRON WORKS (UNLESS ALTERNATE IS APPROVED BY ENGINEER)
- CATCH BASIN - CURB LINE - EJIW #7045 TYPE M2 GRATE W/ T1 BACK
- CATCH BASIN - PAVEMENT AREA - EJIW #1040 TYPE M1 GRATE
- INLET - GRASS AREA - EJIW #1040 TYPE O2 BEEHIVE GRATE
- MANHOLE - ALL AREAS - EJIW #1040 TYPE A SOLID COVER
- SAND BACKFILL (MDOT CL11 SAND) COMPACTED TO 95% DENSITY



NO.	DATE	SUBJECT
09-23-19	05-21-19	ISSUED TO CITY OF BURTON
05-21-19	09-23-19	90% REVIEW
NO.	DATE	SUBJECT
		REVISION OR ISSUE

DRAWN	QUADERER
DESIGNED	
CHECKED	
FIELD CREW	CB

4126 SOMERS DR.
BURTON, MI 48629

mid-states
bolt & screw co.
the dedicated fastener people.

NORTHEAST 1/4
SECTION 3
TOWN-N, RANGE-7E

SITE GRADING & STORM SEWER PLAN

Griggs Quaderer, Inc.
8308 OFFICE PARK DRIVE
GRAND BLANC, MI 48439

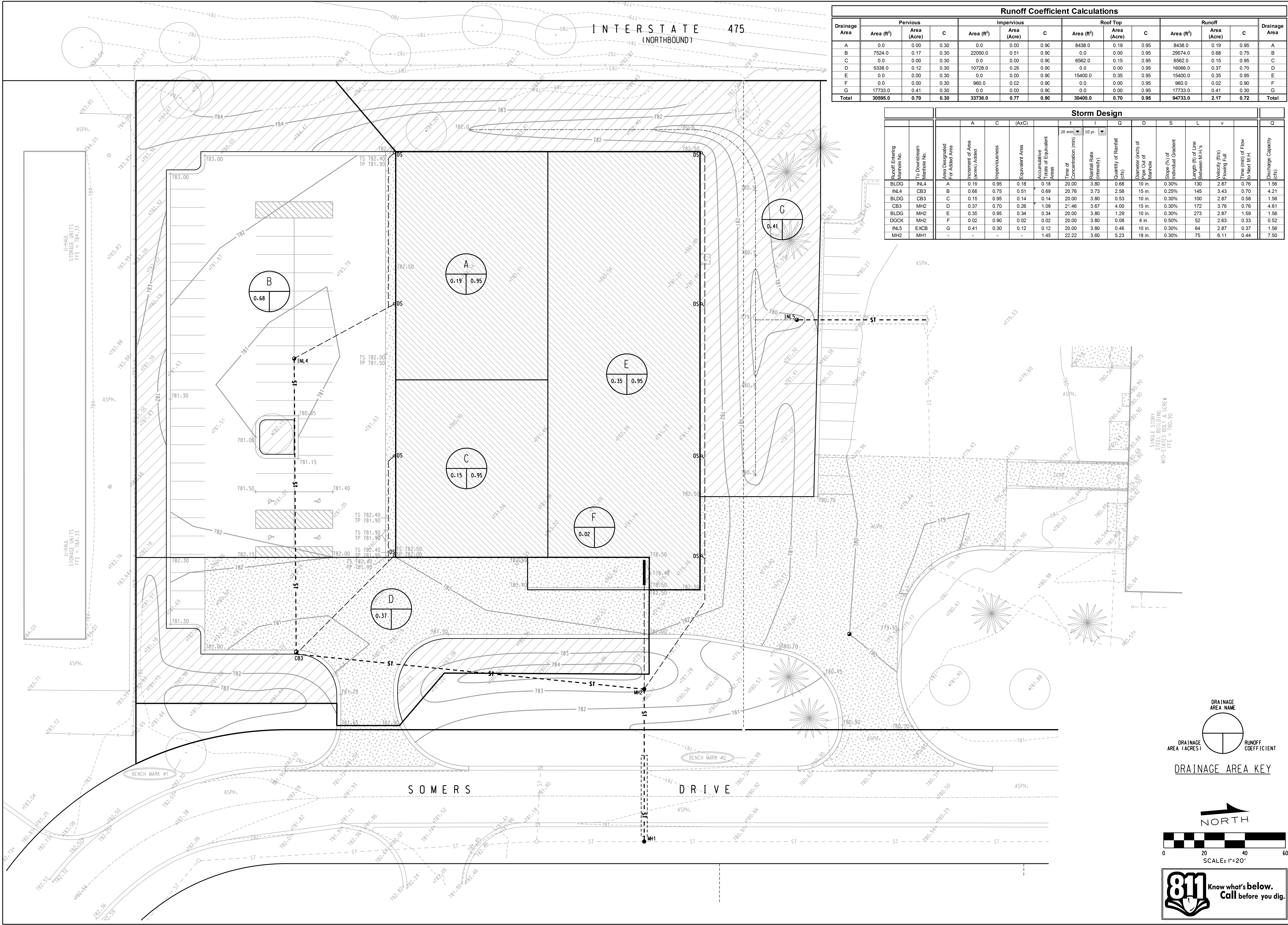
WWW.GQINCORP.COM
PH: (810) 695-0154
FX: (810) 695-0158

CIVIL ENGINEERING - LAND SURVEYING
SITE PLANNING

150th ANNIVERSARY
2004 - 2019

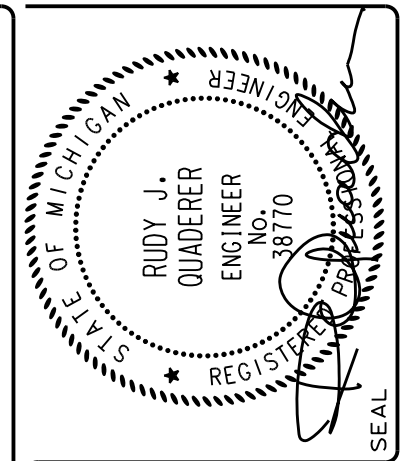
PHASE: SPA
JOB NO.: 190501

C300



Runoff Coefficient Calculations													
Drainage Area	Pervious			Impervious			Roof Top			Runoff			Drainage Area
	Area (ft²)	Area (Acre)	C	Area (ft²)	Area (Acre)	C	Area (ft²)	Area (Acre)	C	Area (ft²)	Area (Acre)	C	
A	0.0	0.00	0.30	0.0	0.00	0.90	8438.0	0.19	0.95	8438.0	0.19	0.95	A
B	7524.0	0.17	0.30	22050.0	0.51	0.90	0.0	0.00	0.95	29574.0	0.68	0.75	B
C	0.0	0.00	0.30	0.0	0.00	0.90	6562.0	0.15	0.95	6562.0	0.15	0.95	C
D	5338.0	0.12	0.30	10728.0	0.25	0.90	0.0	0.00	0.95	16066.0	0.37	0.70	D
E	0.0	0.00	0.30	0.0	0.00	0.90	15400.0	0.35	0.95	15400.0	0.35	0.95	E
F	0.0	0.00	0.30	960.0	0.02	0.90	0.0	0.00	0.95	960.0	0.02	0.90	F
G	17733.0	0.41	0.30	0.0	0.00	0.90	0.0	0.00	0.95	17733.0	0.41	0.30	G
Total	30595.0	0.70	0.30	33738.0	0.77	0.90	30400.0	0.70	0.95	94733.0	2.17	0.72	Total

Storm Design														
Runoff Entering Manhole No.	To Downstream Manhole No.	Area Designated For Added Area	Increment of Area (acres) Added	Imperviousness	Equivalent Area	Accumulative Totals of Equivalent Areas	Time of Concentration (min)	Rainfall Rate (Intensity)	Quantity of Rainfall (cfs)	Diameter (inch) of Pipe Out of Manhole	Slope (% of Individual Gradient)	Length (ft) of Line Between M.H.'s	Velocity (ft/s) Flowing Full	Time (min) of Flow to Next M.H.
BLDG	INL4	A	0.19	0.95	0.18	0.18	20.00	3.80	0.68	10 in.	0.30%	130	2.87	0.76
INL4	CB3	B	0.68	0.75	0.51	0.69	20.76	3.73	2.58	15 in.	0.25%	145	3.43	0.70
BLDG	CB3	C	0.15	0.95	0.14	0.14	20.00	3.80	0.53	10 in.	0.30%	100	2.87	0.58
CB3	MH2	D	0.37	0.70	0.26	1.09	21.46	3.67	4.00	15 in.	0.30%	172	3.76	0.76
BLDG	MH2	E	0.35	0.95	0.34	0.34	20.00	3.80	1.29	10 in.	0.30%	273	2.87	1.59
DOCK	MH2	F	0.02	0.90	0.02	0.02	20.00	3.80	0.08	6 in.	0.50%	52	2.63	0.33
INL5	EXCB	G	0.41	0.30	0.12	0.12	20.00	3.80	0.46	10 in.	0.30%	64	2.87	0.37
MH2	MH1	-	-	-	-	1.45	22.22	3.60	5.23	18 in.	0.30%	75	6.11	0.44
														Discharge Capacity (cfs)
														7.50



DESIGNED	BY	DATE	NO.	REVISION OR ISSUE
CHECKED	BY	DATE	NO.	REVISION OR ISSUE
FIELD CREW CB	BY	DATE	NO.	REVISION OR ISSUE
ISSUED TO CITY OF BURTON	BY	DATE	NO.	REVISION OR ISSUE
90% REVIEW	BY	DATE	NO.	REVISION OR ISSUE
09-23-19	BY	DATE	NO.	REVISION OR ISSUE
05-21-19	BY	DATE	NO.	REVISION OR ISSUE

DRAWN	QUADERER
DESIGNED	
CHECKED	
FIELD CREW CB	

mid-states
bolt & screw co.
the dedicated fastener people.

4126 SOMERS DR.
BURTON, MI 48529
NORTHEAST 1/4
SECTION 3
TOWN-N, RANGE-7E

SITE LAYOUT PLAN

Griggs Quaderer, Inc.
8308 OFFICE PARK DRIVE
GRAND BLANC, MI 48439
WWW.GQINCORP.COM
PH: (810) 695-0154
FX: (810) 695-0158

CIVIL ENGINEERING · LAND SURVEYING
SITE PLANNING

15th ANNIVERSARY
2004 - 2019

PHASE: SPA
JOB NO.: 190501

C200

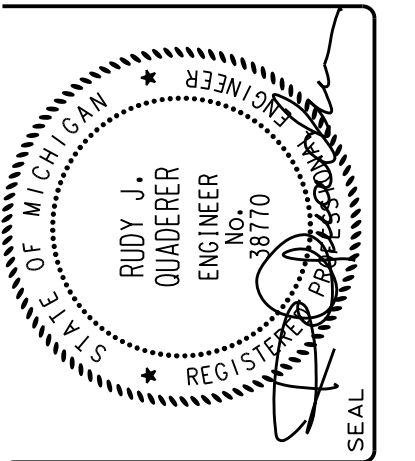
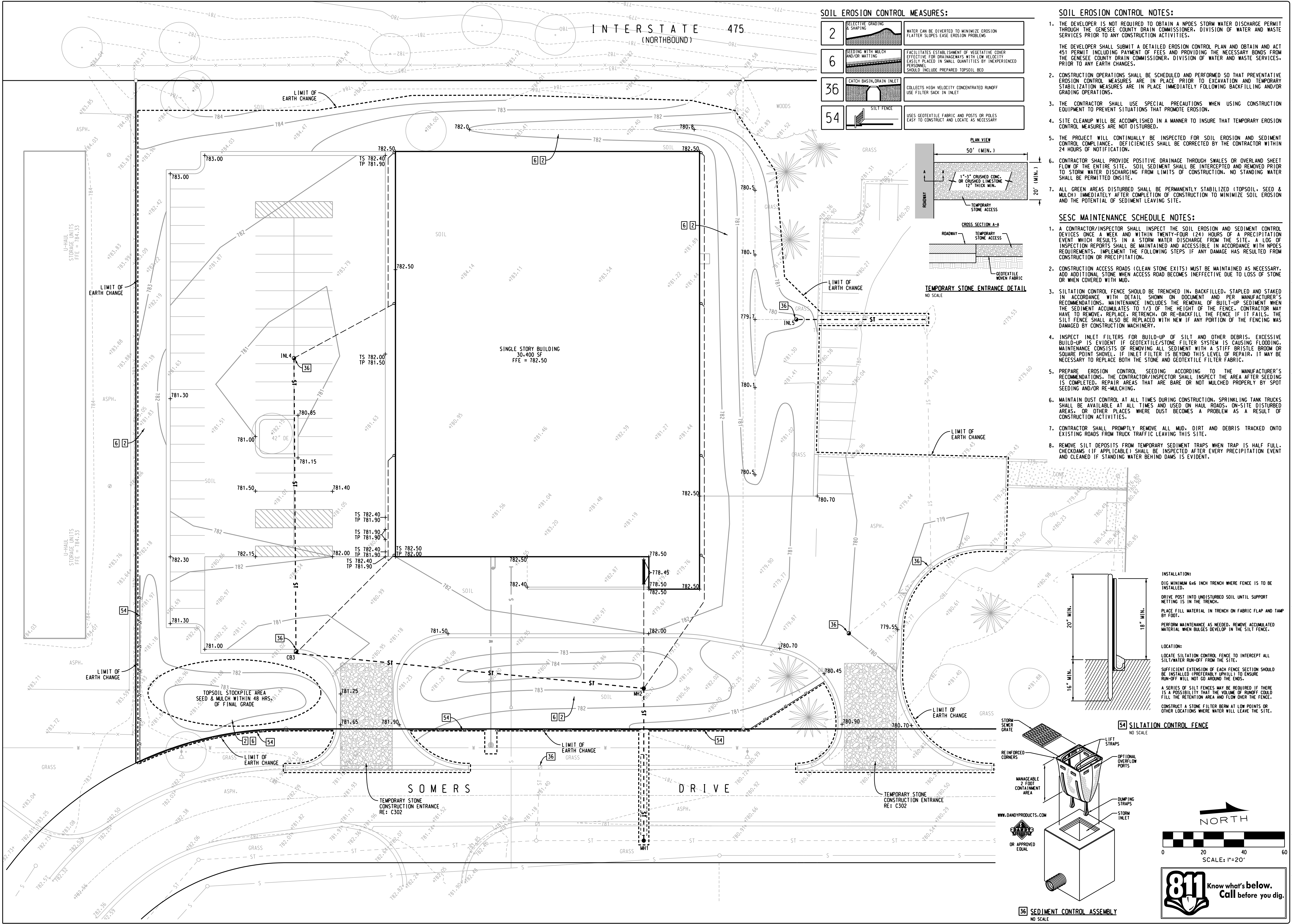
811 Know what's below. Call before you dig.

0 20 40 60
SCALE: 1"=20'

NORTH

DRAINAGE AREA KEY

DRAINAGE AREA (ACRES) RUNOFF COEFFICIENT



NO.	DATE	SUBJECT	REVISION OR ISSUE
09-23-19	05-21-19	ISSUED TO CITY OF BURTON	90% REVIEW
05-21-19			
05-21-19			
05-21-19			

DRAWN	QUADERER
DESIGNED	
CHECKED	
FIELD	CREW CB

4126 SOMERS DR.
BURTON, MI 48659

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4126 SOMERS DR.
BURTON, MI 48659

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GRAND BLANC, MI 48499

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CIVIL ENGINEERING - LAND SURVEYING
SITE PLANNING

15th ANNIVERSARY
2004 - 2019

SOIL EROSION & SEDIMENTATION CONTROL PLAN

JOB NO.: 190501

PHASE: SPA

SCALE: 1" = 20'

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

C302

Packet Pg. 11

INTERSTATE 475
(NORTHBOUND)

SANITARY SEWER NOTES:

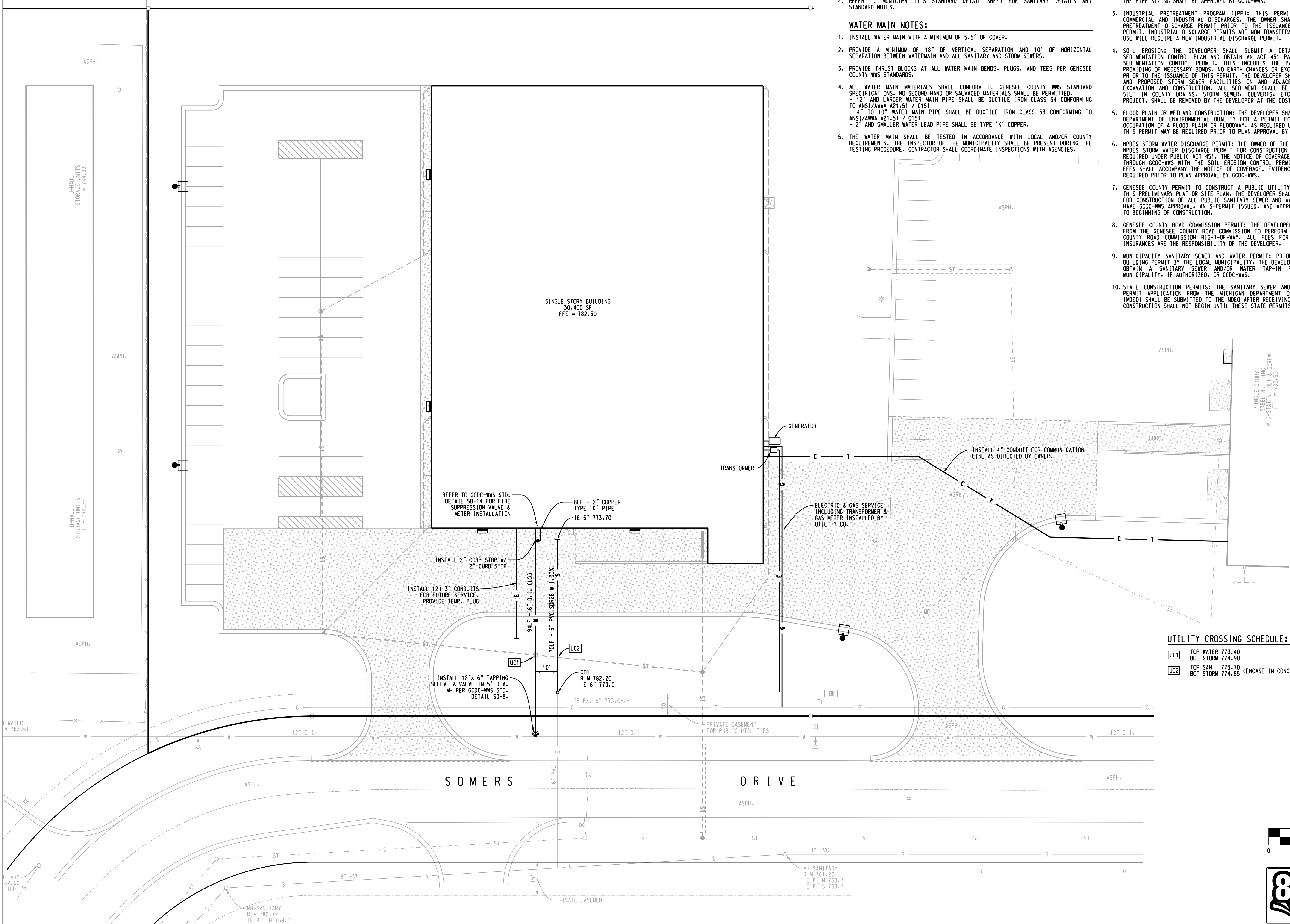
1. MATERIAL AND CONSTRUCTION METHODS FOR THE INSTALLATION OF SANITARY SEWER SHALL BE IN ACCORDANCE WITH LOCAL AND COUNTY ANTI-CORROSION REQUIREMENTS.
2. ALL SANITARY SEWER PIPE SHALL BE PVC SDR 26 AND MEET OR EXCEED ASTM D-3034 FOR HEAVY WALL PIPE UNLESS OTHERWISE NOTED.
3. TESTING PROCEDURE OF NEW SANITARY LINE SHALL BE IN ACCORDANCE WITH LOCAL AND COUNTY REQUIREMENTS. CONTRACTOR TO COORDINATE INSPECTIONS WITH AGENCIES.
4. REFER TO MUNICIPALITY'S STANDARD DETAIL SHEET FOR SANITARY DETAILS AND STANDARD NOTES.

WATER MAIN NOTES:

1. INSTALL WATER MAIN WITH A MINIMUM OF 5'-5" OF COVER.
2. PROVIDE A MINIMUM OF 18" OF VERTICAL SEPARATION AND 10' OF HORIZONTAL SEPARATION BETWEEN WATERMAIN AND ALL SANITARY AND STORM SEWERS.
3. PROVIDE THRUST BLOCKS AT ALL WATER MAIN BENDS, PLUGS, AND TEES PER GENESSEE COUNTY WWS STANDARDS.
4. ALL WATER MAIN MATERIALS SHALL CONFORM TO GENESSEE COUNTY WWS STANDARD SPECIFICATIONS. NO SECOND HAND OR SALVAGED MATERIALS SHALL BE PERMITTED.
 - 12" AND LARGER WATER MAIN PIPE SHALL BE DUCTILE IRON CLASS 54 CONFORMING TO ANSI/AWWA A21.51 / C151
 - 4" TO 10" WATER MAIN PIPE SHALL BE DUCTILE IRON CLASS 53 CONFORMING TO ANSI/AWWA A21.51 / C151
 - 2" AND SMALLER WATER MAIN PIPE SHALL BE TYPE 'K' COPPER.
5. THE WATER MAIN SHALL BE TESTED IN ACCORDANCE WITH LOCAL AND/OR COUNTY REQUIREMENTS. THE INSPECTOR OF THE MUNICIPALITY SHALL BE PRESENT DURING THE TESTING PROCEDURE. CONTRACTOR SHALL COORDINATE INSPECTIONS WITH AGENCIES.

10 STANDARD NOTES (7th EDITION):

1. EXTENSION OF PUBLIC UTILITIES: ALL PUBLIC SANITARY SEWER AND/OR WATERMAIN SHALL BE EXTENDED TO THE FURTHEST LIMITS OF THE PROPERTY, INCLUDING CORNER LOTS, WITH THE PIPE SIZE AND MATERIAL APPROVED BY GCDC-WWS. THIS IS NECESSARY FOR PLAN APPROVAL. FOR WATER SERVICE OF 1" OR LESS OR A BUILDING ON A CORNER LOT, THE REQUIREMENTS TO EXTEND THE PUBLIC WATERMAIN AND/OR SANITARY SEWER ALONG BOTH PROPERTY LINES WILL BE REVIEWED. FINAL DETERMINATION SHALL BE MADE BY GCDC-WWS.
2. WATERMAIN LOOPING: ALL PUBLIC WATERMAINS SHALL BE LOOPED WHENEVER POSSIBLE. THE PIPE SIZING SHALL BE APPROVED BY GCDC-WWS.
3. INDUSTRIAL PRETREATMENT PROGRAM (IPP): THIS PERMIT IS REQUIRED FOR ALL COMMERCIAL AND INDUSTRIAL DISCHARGES. THE OWNER SHALL OBTAIN AN INDUSTRIAL PRETREATMENT DISCHARGE PERMIT PRIOR TO THE ISSUANCE OF A SEWER CONNECTION PERMIT. INDUSTRIAL DISCHARGE PERMITS ARE NON-TRANSFERABLE. CHANGES IN FACILITY USE WILL REQUIRE A NEW INDUSTRIAL DISCHARGE PERMIT.
4. SOIL EROSION: THE DEVELOPER SHALL SUBMIT A DETAILED SOIL EROSION AND SEDIMENTATION CONTROL PLAN AND OBTAIN AN ACT 451 PART 91, SOIL EROSION AND SEDIMENTATION CONTROL PERMIT. THIS INCLUDES THE PAYMENT OF FEES AND THE PROVIDING OF NECESSARY BONDS. NO EARTH CHANGES OR EXCAVATION SHALL BE STARTED PRIOR TO THE ISSUANCE OF THIS PERMIT. THE DEVELOPER SHALL PROTECT ALL EXISTING AND PROPOSED STORM SEWER FACILITIES ON AND ADJACENT TO THE SITE DURING EXCAVATION AND CONSTRUCTION. ALL SEDIMENT SHALL BE CONTAINED ON SITE. ANY SILT IN CULVERTS, STORM SEWER CULVERTS, ETC., AS A RESULT OF THIS PROJECT, SHALL BE REMOVED BY THE DEVELOPER AT THE COST OF THE DEVELOPER.
5. FLOOD PLAIN OR WETLAND CONSTRUCTION: THE DEVELOPER SHALL APPLY TO THE MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY FOR A PERMIT FOR THE ALTERATION AND/OR OCCUPATION OF A FLOOD PLAIN OR FLOODWAY, AS REQUIRED UNDER PA 431. EVIDENCE OF THIS PERMIT MAY BE REQUIRED PRIOR TO PLAN APPROVAL BY GCDC-WWS.
6. NPDES STORM WATER DISCHARGE PERMIT: THE OWNER OF THE PROPERTY SHALL OBTAIN A NPDES STORM WATER DISCHARGE PERMIT FOR CONSTRUCTION ACTIVITIES FROM MDEQ AS REQUIRED UNDER PUBLIC ACT 451. THE NOTICE OF COVERAGE FORM SHALL BE SUBMITTED THROUGH GCDC-WWS WITH THE SOIL EROSION CONTROL PERMIT APPLICATION. ALL MDEQ FEES SHALL ACCOMPANY THE NOTICE OF COVERAGE. EVIDENCE OF THIS PERMIT MAY BE REQUIRED PRIOR TO PLAN APPROVAL BY GCDC-WWS.
7. GENESSEE COUNTY PERMIT TO CONSTRUCT A PUBLIC UTILITY: AFTER THE APPROVAL OF THIS PRELIMINARY PLAN OR SITE PLAN, THE DEVELOPER SHALL SUBMIT A DETAILED PLAN FOR CONSTRUCTION OF ALL PUBLIC SANITARY SEWER AND WATERMAIN. THE PLANS MUST HAVE GCDC-WWS APPROVAL, AN S-PERMIT ISSUED, AND APPROVAL FROM THE MDEQ PRIOR TO BEGINNING OF CONSTRUCTION.
8. GENESSEE COUNTY ROAD COMMISSION PERMIT: THE DEVELOPER SHALL OBTAIN A PERMIT FROM THE GENESSEE COUNTY ROAD COMMISSION TO PERFORM WORK WITHIN THE GENESSEE COUNTY ROAD COMMISSION RIGHT-OF-WAY. ALL FEES FOR THE PERMIT, BONDS AND INSURANCES ARE THE RESPONSIBILITY OF THE DEVELOPER.
9. MUNICIPALITY SANITARY SEWER AND WATER PERMIT: PRIOR TO THE ISSUANCE OF A BUILDING PERMIT BY THE LOCAL MUNICIPALITY, THE DEVELOPER SHALL BE REQUIRED TO OBTAIN A SANITARY SEWER AND/OR WATER TAP-IN PERMIT FROM THE LOCAL MUNICIPALITY, IF AUTHORIZED, OR GCDC-WWS.
10. STATE CONSTRUCTION PERMITS: THE SANITARY SEWER AND WATERMAIN CONSTRUCTION PERMIT APPLICATION FROM THE MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY (MDEQ) SHALL BE SUBMITTED TO THE MDEQ AFTER RECEIVING APPROVAL FROM GCDC-WWS. CONSTRUCTION SHALL NOT BEGIN UNTIL THESE STATE PERMITS ARE ISSUED.



UTILITY CROSSING SCHEDULE:

- | | |
|-----|--|
| UC1 | TOP WATER 773.40
BOT STORM 774.90 |
| UC2 | TOP SAN 773.70
BOT STORM 774.85 (ENCASE IN CONC.) |

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

190501 SPA

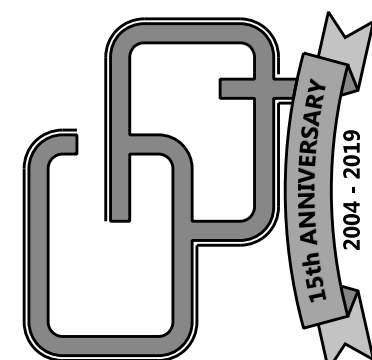
C400

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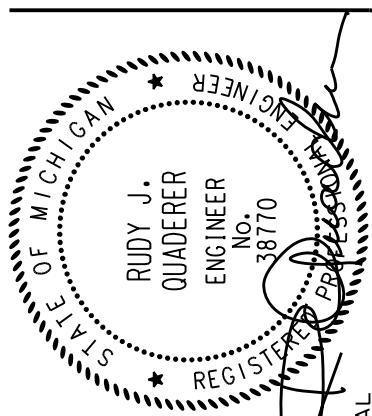
4726 SOMERS DR.
BURTON, MI 48529

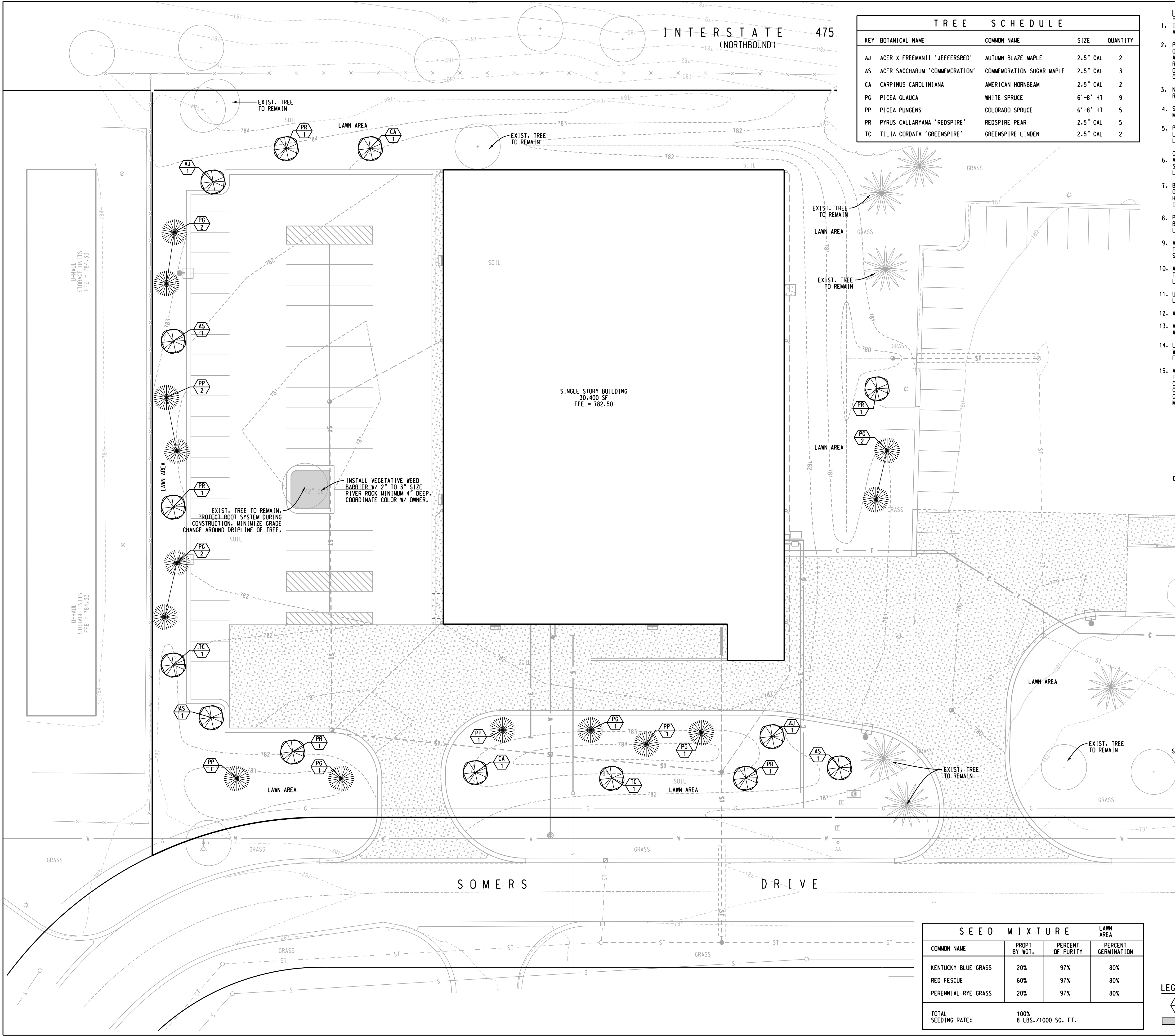
NORTHEAST 1/4
SECTION 3
TOWN-N, RANGE-7E

the dedicated fastener people.

DRAWN	QUADERER
DESIGNED	
CHECKED	
FIELD CREW	CB

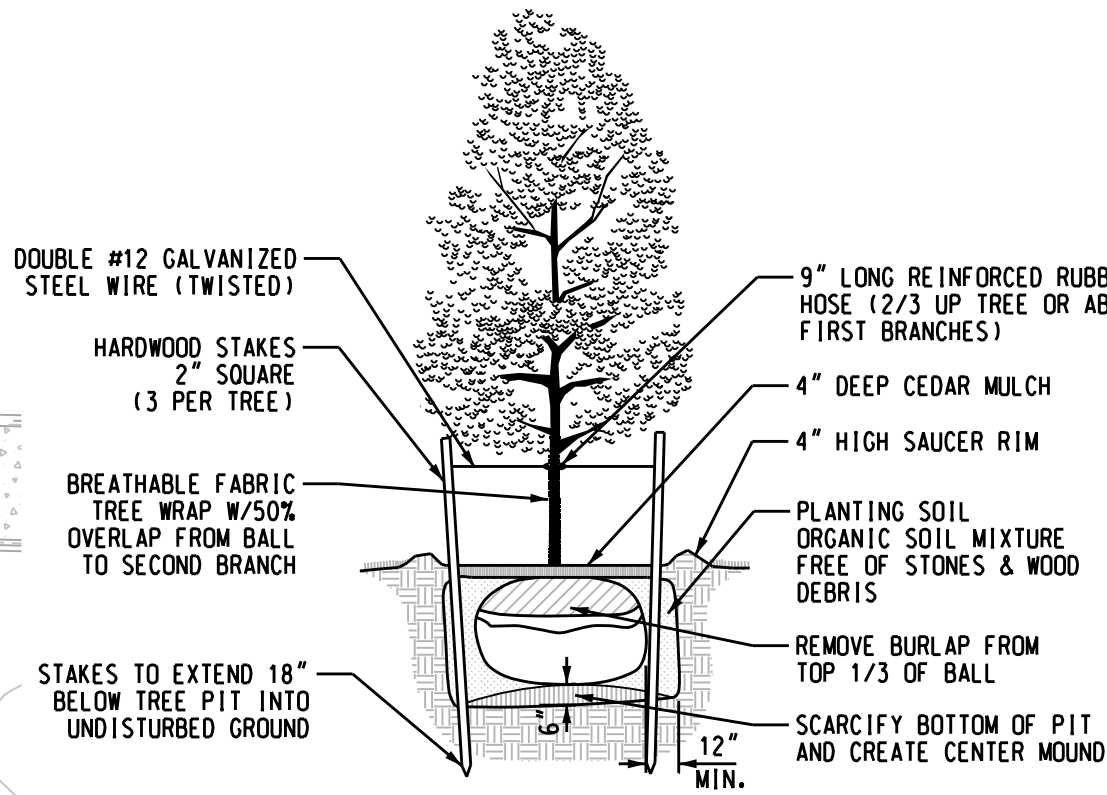
NO.	DATE	SUBJECT
09-23-19	05-21-19	ISSUED TO CITY OF BURTON
05-21-19	05-21-19	90% REVIEW





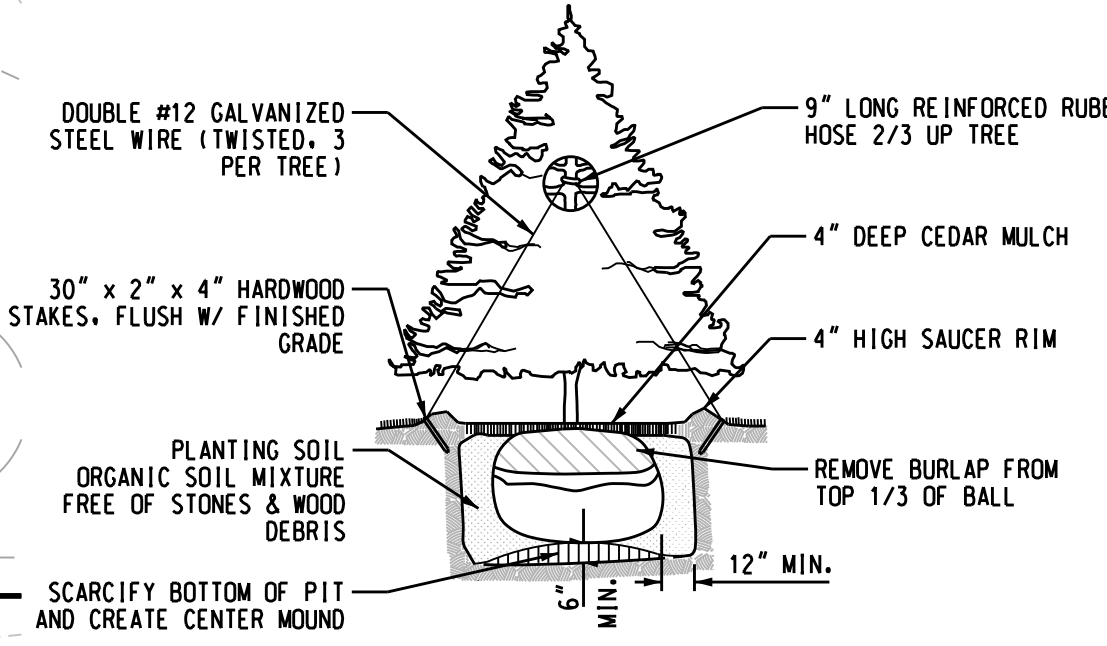
TREE SCHEDULE				
KEY	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY
AJ	ACER X FREEMANII 'JEFFERSRED'	AUTUMN BLAZE MAPLE	2.5" CAL	2
AS	ACER SACCHARUM 'COMMEMORATION'	COMMEMORATION SUGAR MAPLE	2.5" CAL	3
CA	CARPINUS CAROLINIANA	AMERICAN HORNBEAM	2.5" CAL	2
PG	PICEA GLAUCA	WHITE SPRUCE	6'-8' HT	9
PP	PICEA PUNGENS	COLORADO SPRUCE	6'-8' HT	5
PR	PYRUS CALLARYANA 'REDSPIRE'	REDSPIRE PEAR	2.5" CAL	5
TC	TILIA CORDATA 'GREENSPIRE'	GREENSPIRE LINDEN	2.5" CAL	2

- LANDSCAPING NOTES:**
- INSTALLATION OF PLANT MATERIAL SHALL BE IN ACCORDANCE WITH THE AMERICAN ASSOCIATION OF NURSERYMEN LANDSCAPE STANDARDS LATEST EDITION.
 - PRIOR TO BEGIN OF LANDSCAPE WORK, CONTRACTOR SHALL VERIFY LOCATIONS OF ALL ON-SITE UTILITIES. CONTRACTOR SHALL CONTACT MISS DIG (811) FOR LOCATIONS OF ALL PRIVATE UTILITIES. ANY DAMAGE OR INTERRUPTIONS OF SERVICES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. COORDINATE ALL RELATED WORK ACTIVITIES WITH OTHER TRADES AND REPORT ANY UNACCEPTABLE WORK CONDITIONS TO OWNER PRIOR TO COMMENCING WORK.
 - NUMERICAL VALUE OF PLANT MATERIAL SHOWN SHALL TAKE PRECEDENCE OVER GRAPHIC REPRESENTATION. VERIFY AND REPORT ANY DISCREPANCIES WITH LANDSCAPE ARCHITECT.
 - SUBSTITUTIONS OR DEVIATIONS FROM THE LANDSCAPE PLAN MUST BE APPROVED BY THE MUNICIPALITY AND/OR GOVERNING AGENCY PRIOR TO COMMENCING.
 - PROTECT EXISTING TREES TO REMAIN WITH TEMPORARY FENCING PLACED AT THE DRIP LINE. NO GROUND DISTURBANCE OR STORAGE OF MATERIAL SHALL OCCUR WITHIN THE DRIP LINE LIMITS.
 - COORDINATE PLACEMENT OF PLANTS WITH UNDERGROUND UTILITY LOCATIONS. MAKE ADJUSTMENTS AS REQUIRED TO AVOID PLANTING OVER THE UTILITIES. DO NOT PLANT SHADE OR EVERGREEN TREES BELOW OVERHEAD WIRES. IF CONFLICT OCCURS, CONTACT LANDSCAPE ARCHITECT TO ADJUST LOCATION OF TREES.
 - BACKFILL ISLANDS FROM SUBGRADE TO THE TOP OF CURB WITH ON-SITE TOPSOIL UNLESS OTHERWISE NOTED ON PLAN. FINISHED GRADE IN CENTER OF ISLAND SHALL BE 4" TO 6" HIGHER THAN TOP OF CURB TO PROVIDE POSITIVE DRAINAGE TO PERIMETER OF CURB ISLAND.
 - PLACE 4" THICK BY 4" DIAMETER SHREDDED CEDAR OR CYPRESS BARK MULCH RING AT THE BASE OF ALL NEW TREES IN LAWN AREA. CUT LAWN AREA IN A SMOOTH UNIFORM CIRCULAR LINE.
 - ALL GREEN AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE GRADED AND TOPPED WITH MINIMUM 4" DEEP TOPSOIL AND SEEDED & MULCHED. REFER TO PLAN FOR SEED MIXTURE AND APPLICATION RATE.
 - ALL EXISTING TREES AND SHRUBS NOTED TO REMAIN SHALL BE PROPERLY PRUNED, TRIMMED, THINNED AND SHAPED BY A QUALIFIED NURSERYMAN OF ARBORIST. ALL DEAD LIMBS AND BRANCHES SHALL BE REMOVED FROM SITE.
 - UNLESS NOTED OTHERWISE, LANDSCAPE BEDS ADJACENT TO LAWN AREAS SHALL RECEIVE LANDSCAPE EDGING AS DETAILED ON PLAN.
 - ALL LANDSCAPING SHALL BE COMPLETED WITHIN 6 MONTHS OF COMPLETION OF BUILDING.
 - ALL STAKING MATERIALS AND WRAPPING SHALL BE REMOVED OFF SITE WITHIN ONE YEAR AFTER INSTALLATION.
 - LANDSCAPING ITEMS SHALL NOT INTERFERE WITH THE CLEAR VISION AREAS. TREES WITHIN PARKING LOT ISLANDS SHALL HAVE A CLEAR VIEW OF 4'-6" MINIMUM TO THE FIRST BRANCH AT MATURITY.
 - ALL PLANT MATERIALS INCLUDING LAWN AREAS SHALL BE WATERED, FERTILIZED, TRIMMED, MOWED AND GENERALLY MAINTAINED BY THE CONTRACTOR IN A HEALTHY GROWING CONDITION FOR A PERIOD OF 30 DAYS AFTER FINAL COMPLETION AND AFTER LAWN IS CUT FOR FIRST TIME. CONTRACTOR SHALL SUBMIT A ONE (1) YEAR WARRANTY FROM COMPLETION DATE AND BE RESPONSIBLE TO REPLACE ANY DISEASED OR DEAD PLANT MATERIAL WITHIN THAT PERIOD OF TIME WITHOUT ANY COST TO THE OWNER.



NOTE: TREE SHALL BEAR SAME RELATION TO FINISHED GRADE AS IT BORE TO PREVIOUS GRADE. RAISE ROOT BALL 1/3 HIGHER IN CLAY SOILS - BACKFILL & COVER ENTIRE BALL W/ TOPSOIL & MULCH.

TREE PLANTING DETAIL
NO SCALE



NOTE: TREE SHALL BEAR SAME RELATION TO FINISHED GRADE AS IT BORE TO PREVIOUS GRADE. RAISE ROOT BALL 1/3 HIGHER IN CLAY SOILS - BACKFILL & COVER ENTIRE BALL W/ TOPSOIL & MULCH.

EVERGREEN TREE DETAIL
NO SCALE

SEED MIXTURE			
COMMON NAME	PROPT BY WGT.	PERCENT OF PURITY	PERCENT GERMINATION
KENTUCKY BLUE GRASS	20%	97%	80%
RED FESCUE	60%	97%	80%
PERENNIAL RYE GRASS	20%	97%	80%
TOTAL SEEDING RATE:	100% 8 LBS./1000 SQ. FT.		

LEGEND:

 PLANT DESIGNATION & QUANTITY OF SPECIE
 4" DEEP STONE MULCH W/ WEED BARRIER

0 20 40 60
SCALE: 1"=20'

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8308 OFFICE PARK DRIVE
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**CIVIL ENGINEERING - LAND SURVEYING
SITE PLANNING**

**mid-states
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BURTON, MI 48529
NORTHEAST 1/4
SECTION 3
TOWNSHIP 7N, RANGE 7E

LANDSCAPE PLAN

DATE: 8/22/2019 TIME: 8:47:00 AM

Attachment: Back up 19-41 (4598) : SPR #19-41

PHASE: SPA

JOB NO.: 190501

C500

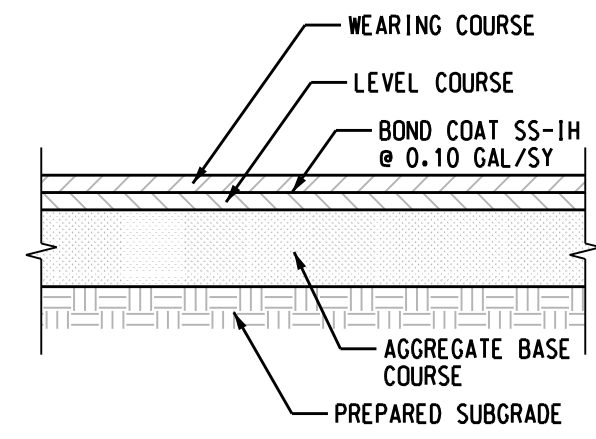
15th ANNIVERSARY
2004 - 2019

Seal: RUDY J. QUADERER, ENGINEER, REG. NO. 3870, STATE OF MICHIGAN

Stamp: DRAWN: QUADERER, DESIGNED: [blank], CHECKED: [blank], FIELD: CREW CB

Log: NO. [blank], DATE: 09-23-19, SUBJECT: 05-21-19 90% REVIEW

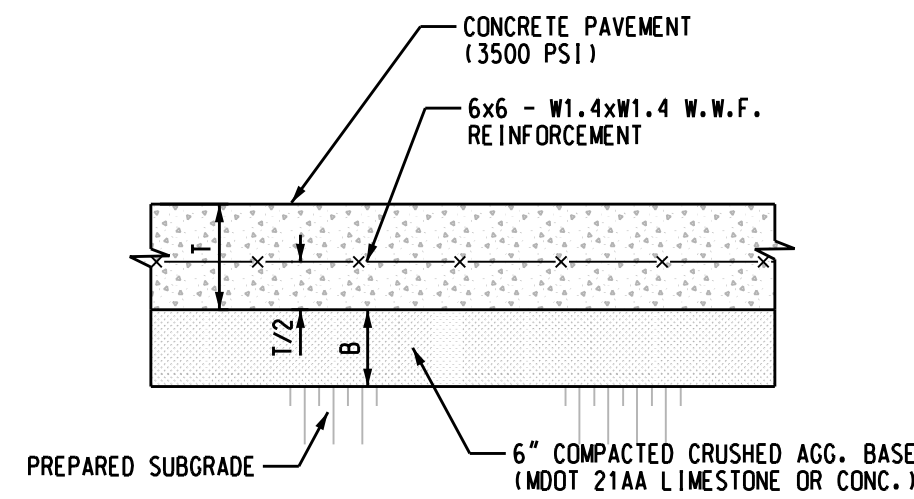
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TYPICAL PAVEMENT SECTION

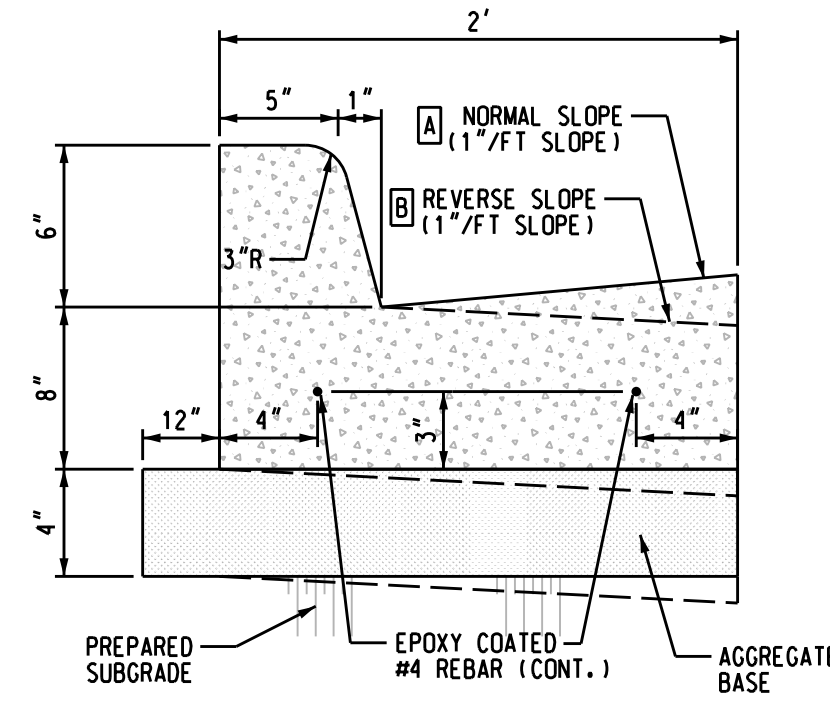
WEARING COURSE - 1.5" MDOT 13A
LEVEL COURSE - 3" MDOT 3C
AGGREGATE BASE - 8" MDOT 21AA CRUSHED LIMESTONE

NOTE: AS AN ALTERNATE, CONTRACTOR IS ALLOWED TO SUBSTITUTE MDOT 21AA CRUSHED CONCRETE FOR THE AGGREGATE BASE.



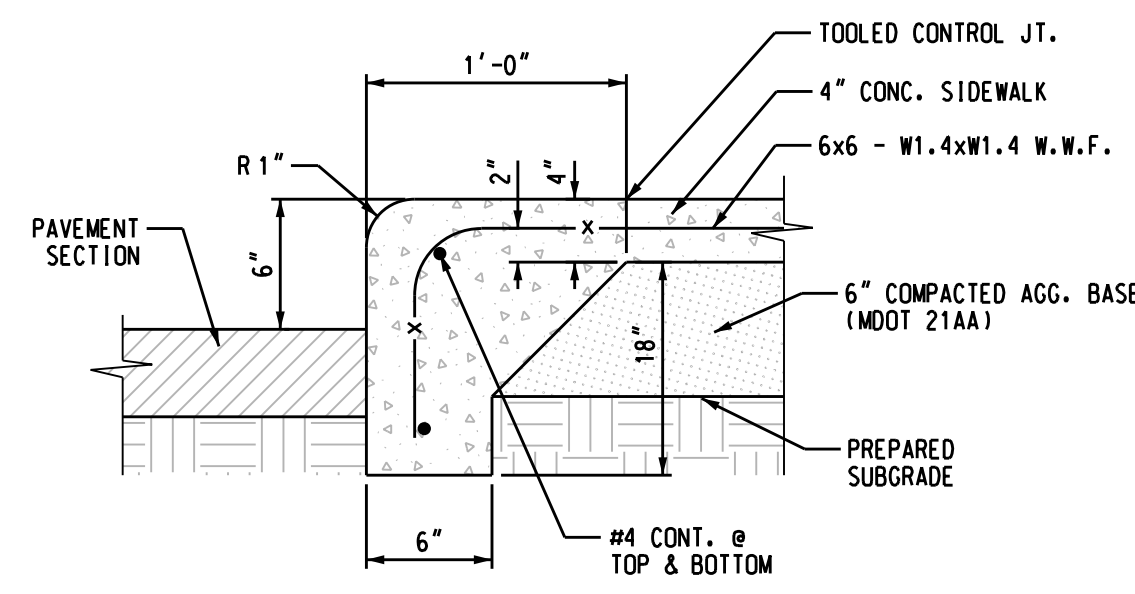
DESIGN:
CONCRETE DRIVE
SIDEWALK

CONCRETE PAVEMENT SECTION
NO SCALE

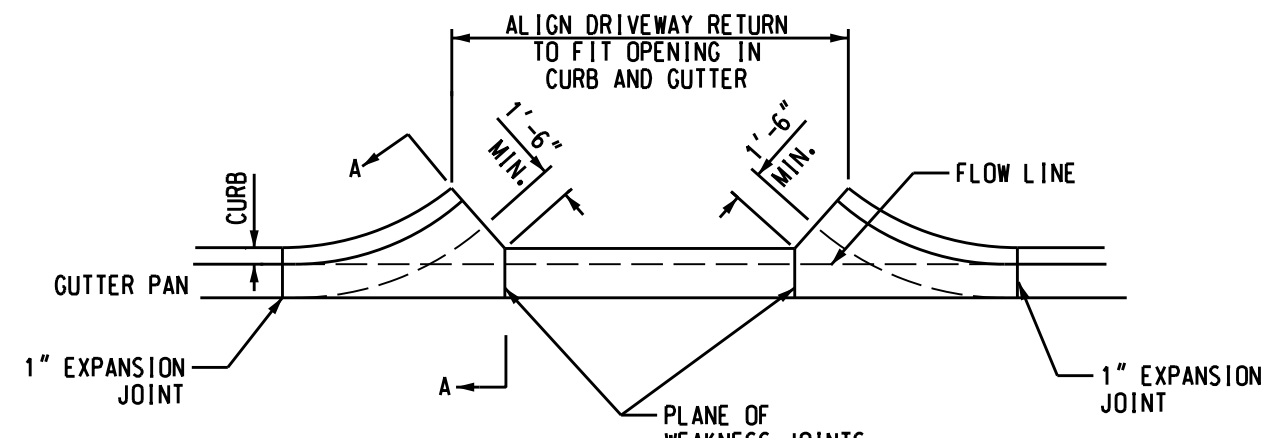


PROVIDE CONTROL JOINTS AT 10 FEET MAXIMUM SPACING AND DOWELED EXPANSION JOINTS AT 100 FEET MAXIMUM INTERVALS AND AT RADIUS POINTS

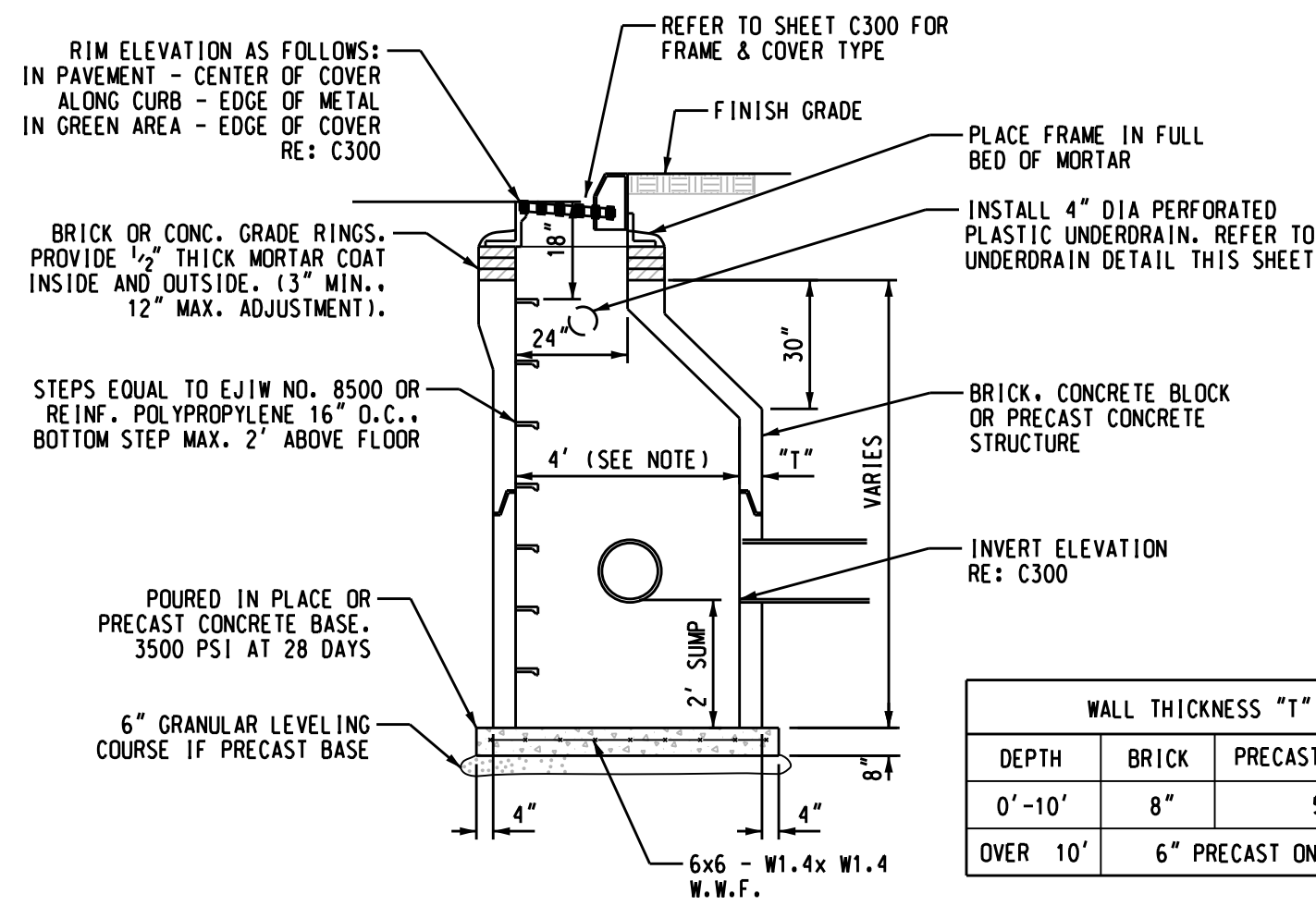
CURB & GUTTER DETAIL
NO SCALE



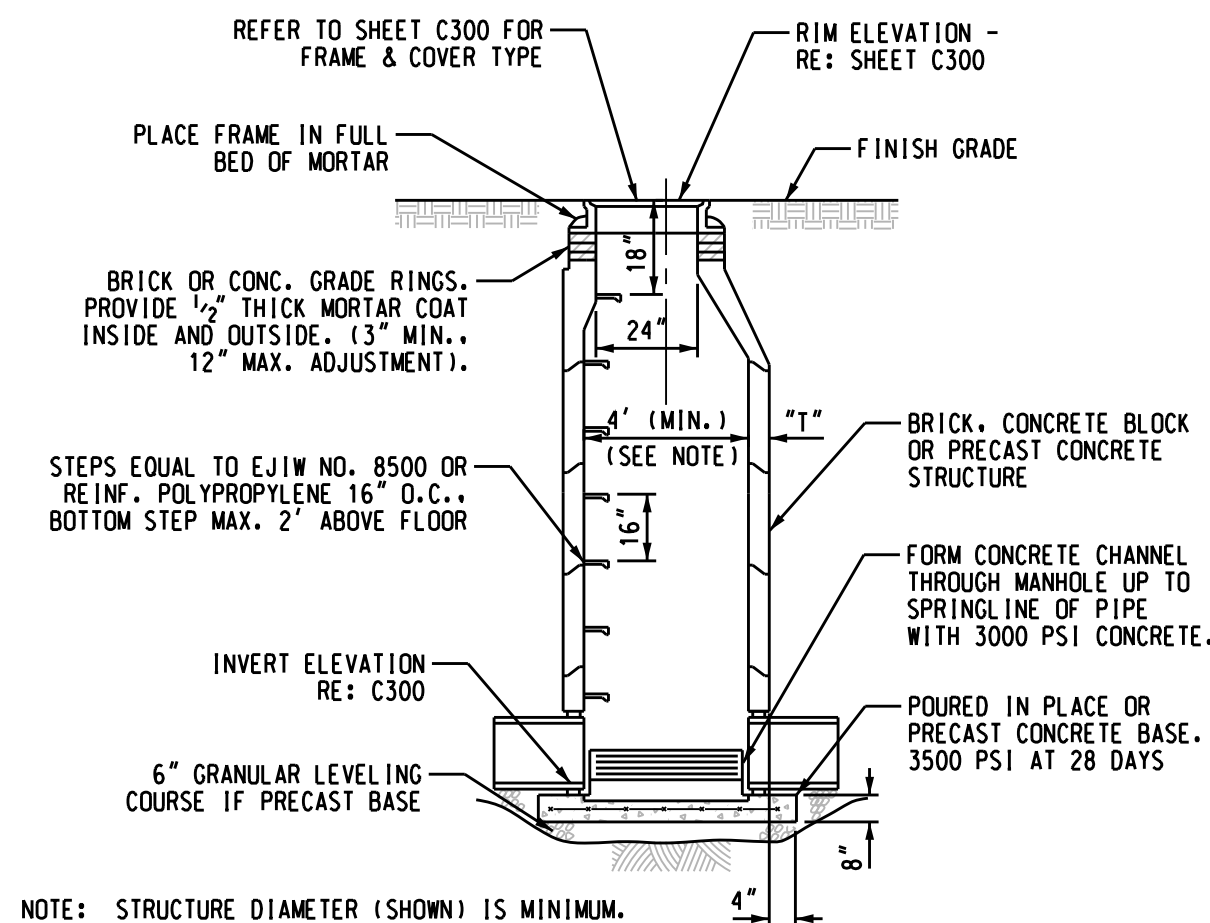
INTEGRAL CURB & SIDEWALK DETAIL
NO SCALE



CONCRETE DRIVEWAY OPENING - DETAIL 'M'
NO SCALE

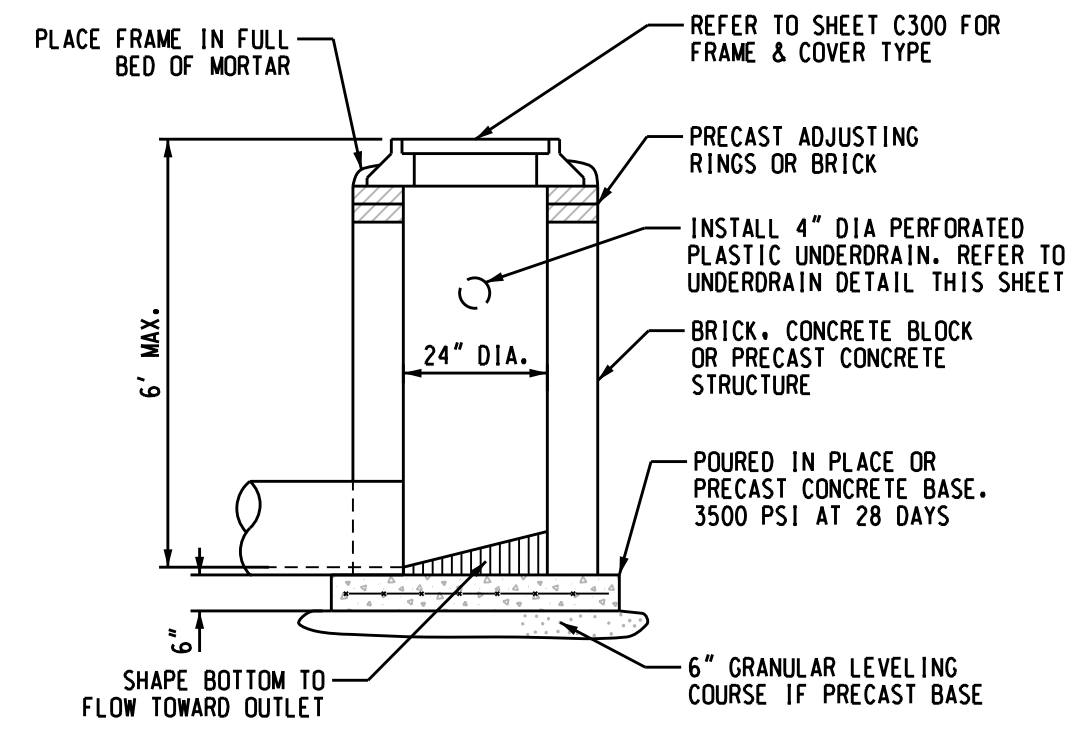


CATCH BASIN DETAIL
NO SCALE

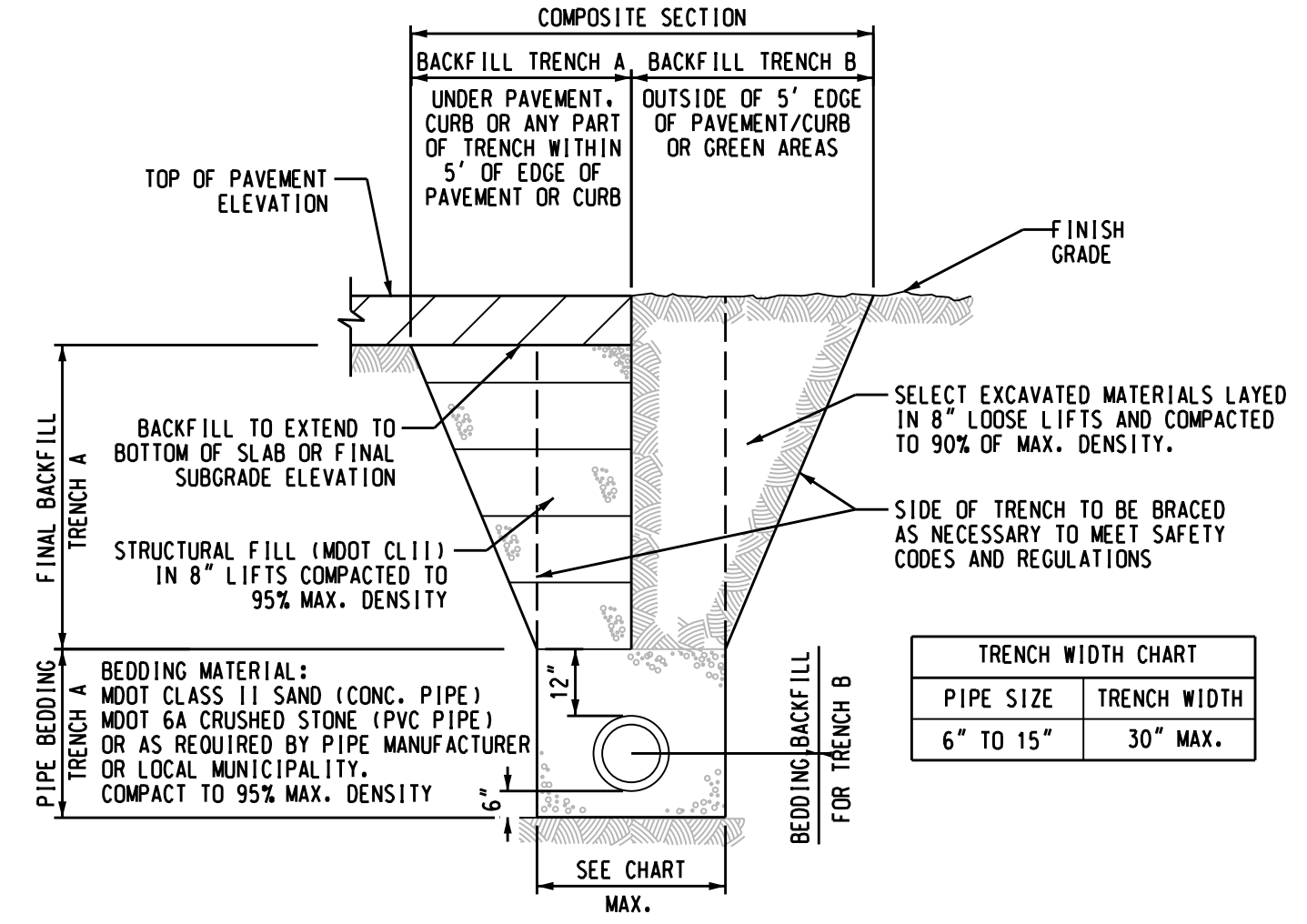


NOTE: STRUCTURE DIAMETER (SHOWN) IS MINIMUM. REFER TO SHEET CXXX FOR REQUIRED SIZES.

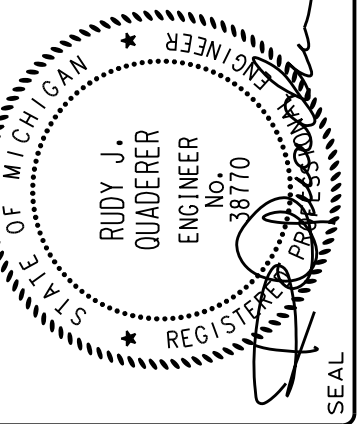
STORM MANHOLE DETAIL
NO SCALE



STORM INLET DETAIL
NO SCALE



PIPE BEDDING AND BACKFILL
NO SCALE



NO.	DATE	SUBJECT	REVISION OR ISSUE
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05-21-19	90% REVIEW		

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DESIGNED	
CHECKED	
FIELD CREW	CB

4126 SOVERS DR.
BURTON, MI 48529

NORTHEAST 1/4
SECTION 3
TOWN-7N, RANGE-7E

DATE: 8/22/2019 TIME: 8:07:04 AM

Attachment: Back up 19-41. (4598) : SPR #19-41)

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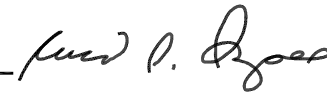
**CIVIL ENGINEERING - LAND SURVEYING
SITE PLANNING**

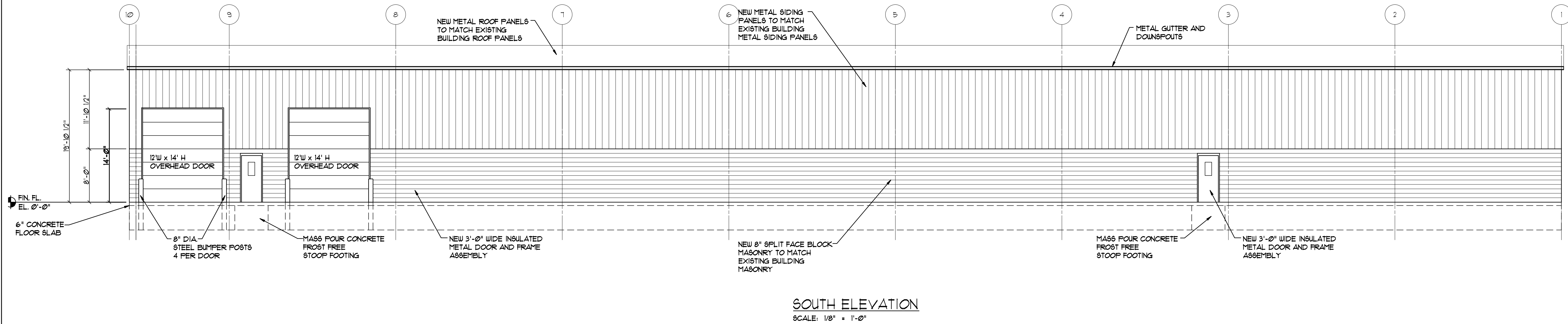
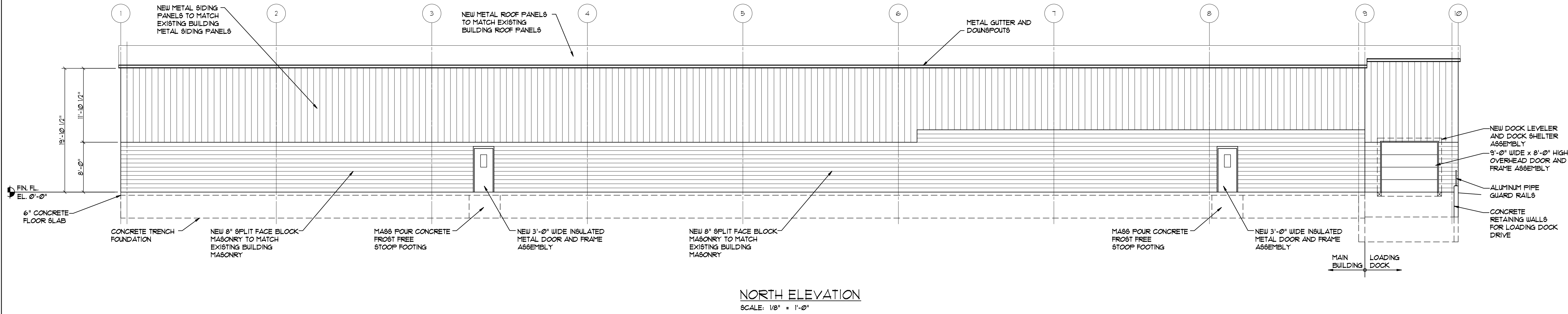


PHASE: SPA

JOB NO.: 190501

C600





GAZALL, LEWIS & ASSOCIATES ARCHITECTS, INC.

MOTT FOUNDATION BUILDING

503 SOUTH SAGINAW STREET SUITE 100

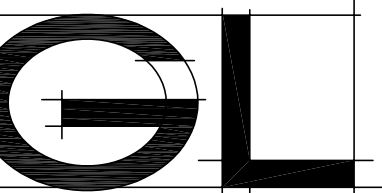
FLINT, MICHIGAN 48502

• PHONE (810) 238-4891

• FAX (810) 238-5191

• GL@GAZALL-LEWIS.COM

• WWW.GAZALL-LEWIS.COM



NEW BUILDING FOR
MID-STATES BOLT & SCREW CO.

4126 SOMERS DR. BURTON MICHIGAN 48529

COMMISSION
1867

SHEET

A6.1

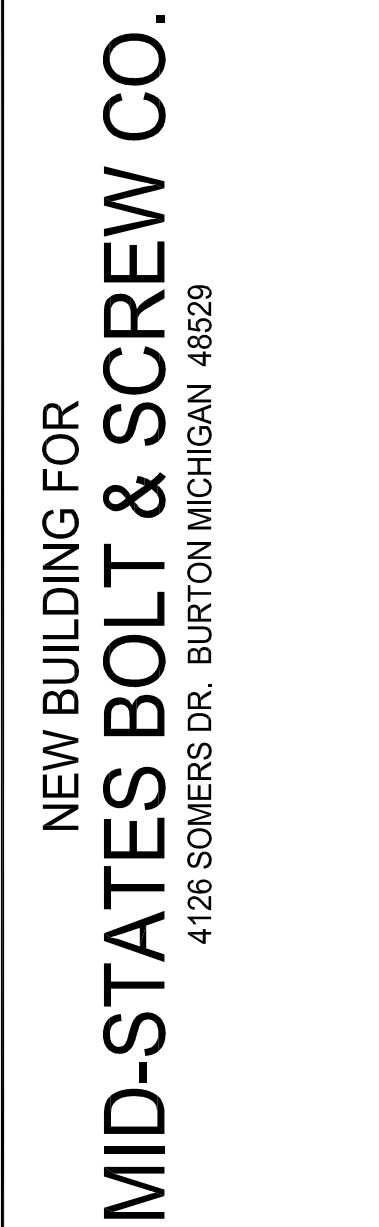
Attachment: Back up 19-41 (4898) : SPR #19-41

X:\1867 MID-STATE BOLT & SCREW\1867 A6.1.dwg

GAZALL, LEWIS & ASSOCIATES ARCHITECTS, INC.

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FLINT, MICHIGAN 48502

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• FAX (810) 239-5191
• GL@GAZALL-LEWIS.COM
• WWW.GAZALL-LEWIS.COM

Packet F

— Fred P. Byers



Burton Planning Commission

4303 S. Center Road
Burton, MI 48519

SCHEDULED

AGENDA ITEM (ID # 4589)

Meeting: 10/08/19 05:00 PM

Department: Department of Public Works

Category: Administrative Site Plan Review

Prepared By: Amber Abbey

Department Head: Bette Bigsby

F.1

DOC ID: 4589

SPR #19-32

By: Jason Brewer
3162 Hemphill Rd.
Burton, MI 48529

Re: 3162 Hemphill Rd. Burton, MI 48529

For: Welding

ATTACHMENTS:

- Back up 19-32 (PDF)



City of Burton
 Department of Public Works
 4093 Manor Drive
 Genesee County, Burton, Michigan 48519
 (810) 742-9230



APPLICATION FOR ADMINISTRATIVE SITE PLAN REVIEW

DATE FILED: 8-15-19

FEE: \$75.00

RECEIPT NO: CP

CHECK NO: 1008

SPR #: 19-32

PLEASE PRINT

DATE: _____

APPLICANTS NAME: JASON Brewer

APPLICANTS ADDRESS: 3162 E Hemphill Rd, Burton 48529

APPLICANTS PHONE NO: 810 820 1508

PROPOSED NAME OF BUSINESS: BNB Welding + Fab, Inc

SITE ADDRESS: 3162 E Hemphill Rd

SUBDIVISION & LOT # OR PARCEL NUMBER: _____

TYPE: ☒ CHANGE OF OWNERSHIP/USE ☐ CONSTRUCTION LESS THAN 2%

USE OF STRUCTURE: Welding

SQ FOOTAGE OF PROPERTY: _____

SQ FOOTAGE OF STRUCTURE: 15,000

NUMBER OF EMPLOYEES/SEATS: 9

APPLICANTS SIGNATURE: [Signature]

*** ALSO ATTACH A FLOOR PLAN OF THE PROPOSED BUSINESS.

Attachment: Back up 19-32 (4589 : SPR #19-32)



Burton Planning Commission

4303 S. Center Road
Burton, MI 48519

SCHEDULED

AGENDA ITEM (ID # 4590)

Meeting: 10/08/19 05:00 PM

Department: Department of Public Works

Category: Administrative Site Plan Review

Prepared By: Amber Abbey

Department Head: Bette Bigsby

F.2

DOC ID: 4590

SPR #19-33

By: Jason Brewer
3162 E. Hemphill Rd.
Burton, MI 48529

Re: 3140 E. Hemphill Rd. Burton, MI 48529

For: Welding

ATTACHMENTS:

- Back up 19-33 (PDF)



City of Burton
Department of Public Works
4093 Manor Drive
Genesee County, Burton, Michigan 48519
(810) 742-9230



APPLICATION FOR ADMINISTRATIVE SITE PLAN REVIEW

DATE FILED: 8-15-19

FEE: \$75.00

RECEIPT NO: JB

CHECK NO: 1008

SPR #: 19-33

PLEASE PRINT

DATE: _____

APPLICANTS NAME: JASON Brewer

APPLICANTS ADDRESS: 3162 E Hemphill Rd., Burton 48529

APPLICANTS PHONE NO: 810 820 1508

PROPOSED NAME OF BUSINESS: BNB Welding & Fab., Inc

SITE ADDRESS: 3140 E Hemphill Rd

SUBDIVISION & LOT # OR PARCEL NUMBER: _____

TYPE: ☒ CHANGE OF OWNERSHIP/USE ☐ CONSTRUCTION LESS THAN 2%

USE OF STRUCTURE: Welding

SQ FOOTAGE OF PROPERTY: _____

SQ FOOTAGE OF STRUCTURE: 5,000

NUMBER OF EMPLOYEES/SEATS: 9

APPLICANTS SIGNATURE: [Signature]

*** ALSO ATTACH A FLOOR PLAN OF THE PROPOSED BUSINESS.

Attachment: Back up 19-33 (4590 : SPR #19-33)



Burton Planning Commission

4303 S. Center Road
Burton, MI 48519

SCHEDULED

AGENDA ITEM (ID # 4591)

Meeting: 10/08/19 05:00 PM

Department: Department of Public Works

Category: Administrative Site Plan Review

Prepared By: Amber Abbey

Department Head: Bette Bigsby

F.3

DOC ID: 4591

SPR #19-34

By: Kathy Jackson
11715 Park Dr.
Lennon, MI 48449

Re: 4470 S. Saginaw St. Ste A Burton, MI 48529

For: Embroidery printing and retail sales

ATTACHMENTS:

- Back up 19-34 (PDF)



City of Burton
 Department of Public Works
 4093 Manor Drive
 Genesee County, Burton, Michigan 48519
 (810) 742-9230



APPLICATION FOR ZONING REVIEW

DATE FILED: 8-20-19

FEE: \$40.00

13740
 RECEIPT NO: _____

CHECK NO: 5815

SPR #: 19-34

PLEASE PRINT

DATE: 6-24-19

APPLICANTS NAME: KATHY JACKSON

APPLICANTS ADDRESS: 11715 PARK DR LENOX MI 48449

APPLICANTS PHONE NO: 810-625-3198

PROPOSED NAME OF BUSINESS: MASTERPIECE Monogramming LLC

PROPOSED TYPE OF BUSINESS: Embroidery Printing / Retail / Sales

SITE ADDRESS: 64470 S. SAGINAW ST ST. A

USE OF STRUCTURE: _____

SQ FOOTAGE OF PROPERTY: _____

SQ FOOTAGE OF STRUCTURE: _____

NUMBER OF EMPLOYEES/SEATS: 3

APPLICANTS SIGNATURE: Kathy Jackson

*** ALSO ATTACH A FLOOR PLAN OF THE EXISTING AND PROPOSED BUSINESS.

Attachment: Back up 19-34 (4591 : SPR #19-34)



Burton Planning Commission

4303 S. Center Road
Burton, MI 48519

SCHEDULED

AGENDA ITEM (ID # 4592)

Meeting: 10/08/19 05:00 PM

Department: Department of Public Works

Category: Administrative Site Plan Review

Prepared By: Amber Abbey

Department Head: Bette Bigsby

F.4

DOC ID: 4592

SPR #19-35

By: Mike Joubran
5466 N. Genesee Rd.
Flint, MI 48506

Re: 3440 E. Bristol Rd. Burton, MI 48529

For: Change of Ownership – Self Storage

ATTACHMENTS:

- Back up 19-35 (PDF)



City of Burton
 Department of Public Works
 4093 Manor Drive
 Genesee County, Burton, Michigan 48519
 (810) 742-9230



APPLICATION FOR ADMINISTRATIVE SITE PLAN REVIEW

DATE FILED: 8-19-19

FEE: \$75.00

RECEIPT NO: B

CHECK NO: 1312

SPR #: 19-35

PLEASE PRINT

DATE: _____

APPLICANTS NAME: Mike Joubnan

APPLICANTS ADDRESS: 5406 N. Genesee Rd, Flint MI 48506

APPLICANTS PHONE NO: 810-471-0000

PROPOSED NAME OF BUSINESS: Millennium Mini Storage - East Bristol Road, LLC

SITE ADDRESS: 3440 E. Bristol Rd. Burton MI 48529

SUBDIVISION & LOT # OR PARCEL NUMBER: 59-33-200-006

TYPE: ☒ CHANGE OF OWNERSHIP/USE ☐ CONSTRUCTION LESS THAN 2%

USE OF STRUCTURE: Storage

SQ FOOTAGE OF PROPERTY: 322,344

SQ FOOTAGE OF STRUCTURE: 34,300

NUMBER OF EMPLOYEES/SEATS: 1

APPLICANTS SIGNATURE: M

*** ALSO ATTACH A FLOOR PLAN OF THE PROPOSED BUSINESS.

Attachment: Back up 19-35 (4592 : SPR #19-35)



Burton Planning Commission

4303 S. Center Road
Burton, MI 48519

SCHEDULED

AGENDA ITEM (ID # 4593)

Meeting: 10/08/19 05:00 PM

Department: Department of Public Works

Category: Administrative Site Plan Review

Prepared By: Amber Abbey

Department Head: Bette Bigsby

F.5

DOC ID: 4593

SPR #19-36

By: Tom Hendrickson
4470 S. Saginaw St.
Burton, MI 48529

Re: 4470 S. Saginaw St. Burton, MI 48529

For: Expand parking lot

ATTACHMENTS:

- Back up 19-36 (PDF)



City of Burton
Department of Public Works
4093 Manor Drive
Genesee County, Burton, Michigan 48519
(810) 742-9230



APPLICATION FOR ADMINISTRATIVE SITE PLAN REVIEW

DATE FILED: 8-19-19

FEE: \$75.00

RECEIPT NO: _____

CHECK NO: _____

SPR #: 19-36

PLEASE PRINT

DATE: 8-16-2019

APPLICANTS NAME: TOM HENDRICKSON T-RODS COLLISION

APPLICANTS ADDRESS: G-4470 S. SAGINAW BURTON, MI

APPLICANTS PHONE NO: 810 744 2399 810-241-0844

PROPOSED NAME OF BUSINESS: T RODS COLLISION & RESTORATION CENTER

SITE ADDRESS: G-4470 S. SAGINAW ROAD BURTON MI

SUBDIVISION & LOT # OR PARCEL NUMBER: 59-32-554-040 AND

59-32-554-041 AND 59-32-300-005

TYPE: ☐ CHANGE OF OWNERSHIP/USE ☒ CONSTRUCTION LESS THAN 2%

USE OF STRUCTURE: PARKING/MANEUVERING

SQ FOOTAGE OF PROPERTY: 33,250

SQ FOOTAGE OF STRUCTURE: ~~50,000~~ 10,000

NUMBER OF EMPLOYEES/SEATS: NA

APPLICANTS SIGNATURE: Thane R

*** ALSO ATTACH A FLOOR PLAN OF THE PROPOSED BUSINESS.

Attachment: Back up 19-36 (4593 : SPR #19-36)



Burton Planning Commission
4303 S. Center Road
Burton, MI 48519

SCHEDULED

AGENDA ITEM (ID # 4594)

Meeting: 10/08/19 05:00 PM
Department: Department of Public Works
Category: Administrative Site Plan Review
Prepared By: Amber Abbey
Department Head: Bette Bigsby

F.6

DOC ID: 4594

SPR #19-37

By: Amy Sego
31 Oak Lane
Flint, MI 48506

Re: 1145 N. Belsay Rd. Burton, MI 48509

For: Retail

ATTACHMENTS:

- Back up 19-37 (PDF)



City of Burton
 Department of Public Works
 4093 Manor Drive
 Genesee County, Burton, Michigan 48519
 (810) 742-9230



APPLICATION FOR ADMINISTRATIVE SITE PLAN REVIEW

DATE FILED: 8-21-19

FEE: \$75.00

RECEIPT NO: JB

CHECK NO: CC

SPR #: 19-37

PLEASE PRINT

DATE: 8-21-19

APPLICANTS NAME: Amy Seago

APPLICANTS ADDRESS: 31 Oak Lane Flint MI 48506

APPLICANTS PHONE NO: 810-384-6283

PROPOSED NAME OF BUSINESS: Spirit Halloween

SITE ADDRESS: 1145 W Belsay Rd

SUBDIVISION & LOT # OR PARCEL NUMBER: _____

TYPE: ☒ CHANGE OF OWNERSHIP/USE ☐ CONSTRUCTION LESS THAN 2%

USE OF STRUCTURE: Retail

SQ FOOTAGE OF PROPERTY: _____

SQ FOOTAGE OF STRUCTURE: _____

NUMBER OF EMPLOYEES/SEATS: _____

APPLICANTS SIGNATURE: _____

*** ALSO ATTACH A FLOOR PLAN OF THE PROPOSED BUSINESS.

Attachment: Back up 19-37 (4594 : SPR #19-37)



Burton Planning Commission

4303 S. Center Road
Burton, MI 48519

SCHEDULED

AGENDA ITEM (ID # 4595)

Meeting: 10/08/19 05:00 PM

Department: Department of Public Works

Category: Administrative Site Plan Review

Prepared By: Amber Abbey

Department Head: Bette Bigsby

F.7

DOC ID: 4595

SPR #19-38

By: Lashonda Perkins
7041 Misty Moon
Grand Blanc, MI 48439

Re: 4449 S. Saginaw St. Burton, MI 48529

For: Resale Shop

ATTACHMENTS:

- Back up 19-38 (PDF)



City of Burton
 Department of Public Works
 4093 Manor Drive
 Genesee County, Burton, Michigan 48519
 (810) 742-9230



APPLICATION FOR ZONING REVIEW

DATE FILED: 8-23-19

FEE: \$40.00

RECEIPT NO: CC

CHECK NO: [Signature]

SPR #: 19-38

PLEASE PRINT

DATE: 8/23/19

APPLICANTS NAME: Layhonda Perkins

APPLICANTS ADDRESS: 7044 Misty Moon Grand Blanc MI 48439

APPLICANTS PHONE NO: (313) 330-4161

PROPOSED NAME OF BUSINESS: Daddys house

PROPOSED TYPE OF BUSINESS: Daddys house Resale

SITE ADDRESS: 4449 Saginaw (Suite C) Burton MI

USE OF STRUCTURE: Retail

SQ FOOTAGE OF PROPERTY: 1500 Sq Ft.

SQ FOOTAGE OF STRUCTURE: 1500 Sq Ft

NUMBER OF EMPLOYEES/SEATS: 1

APPLICANTS SIGNATURE: Layhonda Perkins

*** ALSO ATTACH A FLOOR PLAN OF THE EXISTING AND PROPOSED BUSINESS.

Attachment: Back up 19-38 (4595 : SPR #19-38)



Burton Planning Commission

4303 S. Center Road
Burton, MI 48519

SCHEDULED

AGENDA ITEM (ID # 4596)

Meeting: 10/08/19 05:00 PM

Department: Department of Public Works

Category: Administrative Site Plan Review

Prepared By: Amber Abbey

Department Head: Bette Bigsby

F.8

DOC ID: 4596

SPR #19-39

By: Tres Simi
177 Holston Dr.
Lancaster, CA 93535

Re: 1245 S. Center Rd. Burton, MI 48509

For: Flex High School of Michigan

ATTACHMENTS:

- Back up 19-39 (PDF)



City of Burton
Department of Public Works
4093 Manor Drive
Genesee County, Burton, Michigan 48519
(810) 742-9230



APPLICATION FOR ADMINISTRATIVE SITE PLAN REVIEW

DATE FILED: 9-20-19

FEE: \$75.00

RECEIPT NO: _____

CHECK NO: _____

SPR #: 19-39

PLEASE PRINT

DATE: 9-20-19

APPLICANTS NAME: Tres Simi

APPLICANTS ADDRESS: 177 Holston Dr, Lancaster, CA 93535

APPLICANTS PHONE NO: 661.272.1225

PROPOSED NAME OF BUSINESS: Flex High School of Michigan

SITE ADDRESS: 1245 S. Center Road, Burton Mi. 48509

SUBDIVISION & LOT # OR PARCEL NUMBER: 59-15-100-015

TYPE: ☒ CHANGE OF OWNERSHIP/USE ☐ CONSTRUCTION LESS THAN 2%

USE OF STRUCTURE: Public School Academy

SQ FOOTAGE OF PROPERTY: 3.347 acres

SQ FOOTAGE OF STRUCTURE: 8,708

NUMBER OF EMPLOYEES/SEATS: Approximately 8 employees to start

APPLICANTS SIGNATURE: Tres Simi

*** ALSO ATTACH A FLOOR PLAN OF THE PROPOSED BUSINESS.

Attachment: Back up 19-39 (4596 : SPR #19-39)



Burton Planning Commission

4303 S. Center Road
Burton, MI 48519

SCHEDULED

AGENDA ITEM (ID # 4597)

Meeting: 10/08/19 05:00 PM

Department: Department of Public Works

Category: Administrative Site Plan Review

Prepared By: Amber Abbey

Department Head: Bette Bigsby

F.9

DOC ID: 4597

SPR #19-40

By: Mechanical Specialties, Inc.
P.O. Box 268
Davison, MI 48423

Re: 5515 Davison Rd. #13 Burton, MI 48509

For: Office Space

ATTACHMENTS:

- Back up 19-40 (PDF)



City of Burton
 Department of Public Works
 4093 Manor Drive
 Genesee County, Burton, Michigan 48519
 (810) 742-9230



APPLICATION FOR ZONING REVIEW

DATE FILED: 9-20-19

FEE: \$40.00

RECEIPT NO: _____

CHECK NO: AA

SPR #: 19-40

PLEASE PRINT

DATE: _____

APPLICANTS NAME: Mechanical Specialties, Inc.

APPLICANTS ADDRESS: P.O. Box 268, Davison, MI 48423

APPLICANTS PHONE NO: 810.653.1146

PROPOSED NAME OF BUSINESS: Mechanical Specialties, Inc.

PROPOSED TYPE OF BUSINESS: Pump Sales Office

SITE ADDRESS: 5515 Davison Rd. #13, Burton, MI 48509

USE OF STRUCTURE: Office Space

SQ FOOTAGE OF PROPERTY: 1000 SQ FT

SQ FOOTAGE OF STRUCTURE: _____

NUMBER OF EMPLOYEES/SEATS: 2

APPLICANTS SIGNATURE: [Signature]

*** ALSO ATTACH A FLOOR PLAN OF THE EXISTING AND PROPOSED BUSINESS.

Attachment: Back up 19-40 (4597 : SPR #19-40)