

REMOVAL / DEMOLITION NOTES

- 1) THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES AT LEAST THREE WEEKS PRIOR TO THE BEGINNING OF CONSTRUCTION OPERATIONS. THERE ARE EXISTING UNDERGROUND UTILITIES WHICH CROSS THE PROPOSED REPLACEMENT WORK AREAS. ALTHOUGH THEIR EXACT LOCATION CANNOT BE DETERMINED, IT IS KNOWN THESE UTILITIES ARE LOCATED WHERE DIGGING IS REQUIRED. THE CONTRACTOR SHALL CONDUCT THE REQUIRED EXCAVATION IN THESE AREAS WITH EXTREME CAUTION.
- 2) ALL EXISTING UTILITY INFORMATION SHOWN IS TAKEN FROM EXISTING RECORDS, AND FIELD VERIFIED WHERE ACCESSIBLE ONLY. INFORMATION OBTAINED FROM EXISTING RECORDS MAY NOT BE COMPLETE OR ACCURATE. THE LOCATION OF ALL EXISTING UTILITIES SHOWN ON THIS PLAN HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. THE CONTRACTOR SHALL FIELD VERIFY FOR ACCURACY, LOCATION AND CONDITION.
- 3) BEFORE ANY WORK IS STARTED ON THE PROJECT AND AGAIN BEFORE FINAL ACCEPTANCE BY THE CITY AND BY THE OWNER, REPRESENTATIVES OF THE CITY, THE OWNER AND THE CONTRACTOR SHALL MAKE AN INSPECTION OF THE EXISTING SEWERS WITHIN THE WORK LIMITS WHICH ARE TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING UTILITIES AND THEIR APPURTENANCES SHALL BE DETERMINED FROM FIELD OBSERVATIONS AND EXISTING VIDEO TAPES. RECORDS OF THE INSPECTIONS SHALL BE KEPT IN WRITING BY THE CONTRACTOR.
- 4) THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR DEMOLITION WORK.
- 5) ALL EXISTING UTILITIES, SEWERS AND WATER LINES ARE TO REMAIN UNDISTURBED UNLESS OTHERWISE NOTED ON THE PLANS. THE CONTRACTOR SHALL CONTACT AND COORDINATE WITH ALL APPLICABLE UTILITY COMPANIES, MUNICIPALITIES AND AGENCIES BEFORE COMMENCING ANY WORK.
- 6) THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES REGARDING REMOVAL OF EXISTING POLES, OVERHEAD WIRES, UNDERGROUND UTILITIES, GUY WIRES, GAS LINES, ETC. ALL ADJUSTMENT OR RECONSTRUCTION WORK, EXCEPT FOR THOSE STRUCTURES OTHERWISE NOTED ON THE PLANS, SHALL BE PERFORMED BY THE CONTRACTOR. EXISTING APPURTENANCES SUCH AS UTILITY POLES AND VALVES BOX SHALL NOT BE DISTURBED BY THE CONTRACTOR DURING CONSTRUCTION.
- 7) THE CONTRACTOR SHALL MAINTAIN EXISTING UTILITY SERVICE TO ALL ADJOINING PROPERTIES.
- 8) ALL DEBRIS SHALL BE REMOVED FROM THE SITE, AND NO STOCKPILING ON SITE SHALL BE ALLOWED UNLESS APPROVED BY THE OWNER OR THEIR REPRESENTATIVES.
- 9) THE CONTRACTOR SHALL LIMIT SAWCUT AND PAVEMENT REMOVAL TO ONLY THOSE AREAS WHERE REQUIRED OR AS SHOWN. ALL PAVEMENTS TO BE REMOVED SHALL BE SAWCUT AND REMOVED TO FULL DEPTH AT ALL PAVEMENT LIMITS OR EXISTING JOINTS. IF ANY DAMAGE IS INCURRED TO ANY OF THE SURROUNDING PAVEMENT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ITS REMOVAL AND REPAIR AT NO ADDITIONAL COST TO ANYONE ELSE, INCLUDING THE CITY OR OWNER.
- 10) ASPHALT AREAS SHOWN TO BE SAWCUT AND REMOVED FULL DEPTH ARE ACTUAL FACE OF PROPOSED CURBS. IT WILL BE NECESSARY TO MAKE OFF-SET SAWCUTS TO PROVIDE CLEARANCE FOR PROPOSED CURBS. THE CONTRACTOR SHALL DETERMINE THE AMOUNT OF OFF-SET NECESSARY TO CONSTRUCT THE PROPOSED CURBS. ADDITIONAL CUTS MAY BE DESIRED TO FACILITATE THE REMOVAL OF THE EXISTING PAVEMENT, BUT THERE WILL BE NO EXTRA PAYMENT FOR ADDITIONAL CUTS. PAVEMENT SHALL BE REMOVED WITHOUT DAMAGING OR UNDERMINING THE REMAINING PAVEMENT. IF ADJACENT PAVEMENT IS DAMAGED, THE CONTRACTOR SHALL MAKE ADDITIONAL FULL DEPTH SAWCUTS AND REMOVE THE DAMAGE AREAS AS NECESSARY.
- 11) ALL PAVEMENT REMOVAL AREAS SHALL BE FULL PAVEMENT CROSS-SECTION REMOVAL DOWN TO NATIVE SOIL LAYER IN ACCORDANCE WITH THE GEOTECHNICAL REPORT DATED MONTHLY YEAR.
- 12) ALL TREES WITHIN THE GRADING LIMITS SHALL BE REMOVED UNLESS OTHERWISE NOTED.

REMOVAL / DEMOLITION NOTES

- 2 REMOVE EXISTING TREES/SHRUBS
- 2 REMOVE AND RELOCATE EXISTING LIGHT POLE
- 3 REMOVE EX. VACUUMS, BASES, LIGHTS, ETC.
- 4 REMOVE EXISTING SIGNS. RELOCATE SIGNS PER OWNER'S DIRECTION.
- 5 SAWCUT EDGE OF EX. ASPHALT AS NECESSARY TO PROVIDE SMOOTH TRANSITION BETWEEN EXISTING AND PROPOSED ASPHALT.
- 6 SAWCUT AND REMOVE EX. ASPHALT AS NECESSARY FOR NEW PAV. STATION/CANOPY
- 7 SAWCUT AND REMOVE WEST 8 FT - 7 INCHES OF EX. CONCRETE PAD FOR EXPANDED VACUUM PLAZA (FOR UTILITIES/VACUUMS/ETC.)
- 8 REMOVE EXISTING LIGHT POLE BASE

TITLE DESCRIPTION
Fidelity National Title - Commitment #GLT1800042, dated May 17, 2018

Land situated in the Township of Georgetown, County of Ottawa, and State of Michigan, described as:

Part of the West 1/2 of the Northeast 1/4 of Section 13, Town 6 North, Range 13 West, Georgetown Township, Ottawa County, Michigan, described as: Commencing on the South line of the Northeast 1/4 at a point 2113.5 feet West of the Southeast corner of said Northeast 1/4 (being 541 feet East of the Southwest corner of the Northeast 1/4); thence North 0 degrees 22 minutes East 581 feet; thence East 71 feet; thence South to a point 71 feet East of point of beginning; thence West to point of beginning.
EXCEPT:
All that part of the West 1/2 of the Northeast 1/4 of Section 13, Town 6 North, Range 13 West, Georgetown Township, Ottawa County, Michigan, described as: Commencing on the East and West 1/4 line of said Section at a point 541.0 feet East from the center of said Section; thence East along said East and West line 71.0 feet; thence North perpendicular to said EastWest line 39.7 feet; thence West 71.0 feet more or less to a point which is 38.9 feet North of the EastWest 1/4 line and 541.0 feet East of the center of said Section; thence South perpendicular to said EastWest line 38.9 feet to the point of beginning.

SURVEYOR'S NOTES

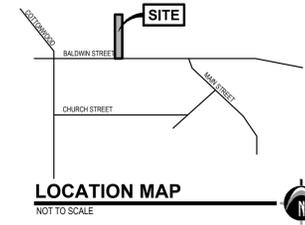
- 1) Flood Zone Classification: An examination of the National Flood Insurance Program's Flood Insurance Rate Map for Community Number 260589, Panel Number 26139C0266E, with an Effective Date of 12-16-2011, shows this parcel to be partially located in Zone AE, (100 year floodplain = 604.3 (NAVD88)).
- 2) Utility locations are derived from actual measurements or available records. They should not be interpreted to be exact locations nor should it be assumed that they are the only utilities in the area.
- 3) NOTE TO CONTRACTORS: 3 (THREE) WORKING DAYS BEFORE YOU DIG, CALL MISS DIG AT TOLL FREE 1-800-482-7171 FOR UTILITY LOCATIONS ON THE GROUND.
- 4) Vertical datum shown hereon established by GPS observation. (NAVD88)

ENCROACHMENT NOTES

- A Fence 0.2' North of property corner.
- B Fence 0.9' North & 0.3' West of property corner.
- C Fence 0.7' West of property line.
- D Building is on property line ±.
- E Building is on property line ±.
- F Building 0.2' West of property line.
- G Building 0.2' West of property line.
- H Concrete 0.1' West of property line.
- I Concrete 0.1' West of property line.

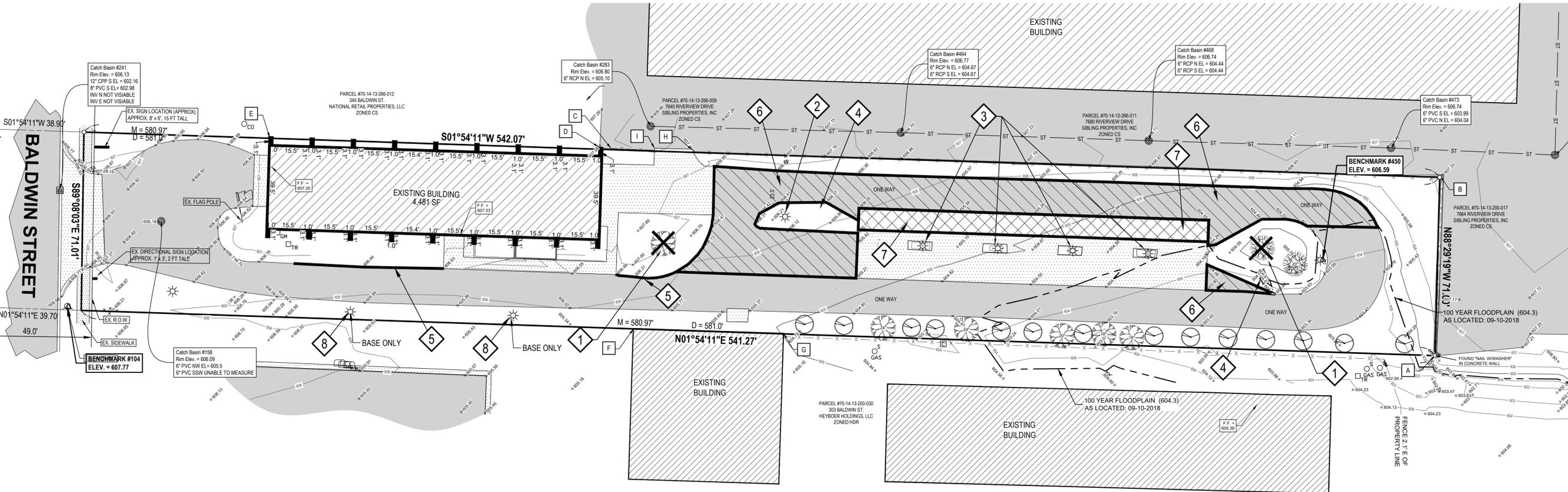
LEGEND

- Benchmark
- Catch Basin - Round
- Catch Basin - Square
- Cleanout
- Cable Riser
- Deciduous Tree
- Electric Meter
- Electric Riser
- Evergreen Tree
- Flag
- Gas Meter
- Gas Riser
- Gas Valve
- Hydrant
- Iron - Set
- Iron - Pole
- Light Pole
- Mailbox
- Manhole
- Monitor Well
- Sanitary Sewer Manhole
- Set Wood Stake
- Stormwater Manhole
- Water Valve
- Fence
- Asphalt
- Concrete
- Building



BENCHMARKS

- BENCHMARK #104 ELEV. = 607.77 (NAVD88)**
Flange bolt under "M" in "MADE" on Hydrant. 4'± North of back of curb, and 9'± South of utility pole near the Southeast corner of site.
- BENCHMARK #405 ELEV. = 606.59 (NAVD88)**
Marker "square" on North side of light pole base 2.5' above ground level. 2'± South of edge of asphalt, and 10'± North of 20' Evergreen tree.



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Grand Rapids, MI 49503
Phone: 616.575.5190

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CHICAGO
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HOLLAND
INDIANAPOLIS
ST. LOUIS

PREPARED FOR:

Mister Car Wash
Attention: Sean Ellis

1259 - 28th Street
Grand Rapids, MI 49512
Phone: 616.437.1829

REVISIONS:

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**MISTER CAR WASH
JENISON**

Existing Conditions and Demolition Plan

325 Baldwin Street, Jenison, MI 49428
PART OF THE NORTHEAST 1/4 OF SECTION 13, T6N, R13W,
GEORGETOWN TOWNSHIP, OTTAWA COUNTY, MICHIGAN

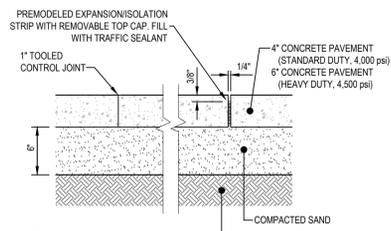
STAMP:

STATE OF MICHIGAN
STEVEN L. WITTE
ENGINEER
No. 46769
LICENSED PROFESSIONAL ENGINEER

PROJECT NO:
18201410

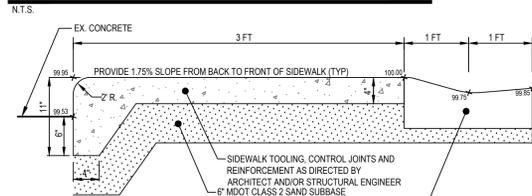
SHEET NO:
C-201

SHEET: 1 OF 4



- NOTE:
1. LIGHT BROOM FINISH
 2. LOCATE CONTROL JOINTS AND EXPANSION JOINTS PER ACI STANDARDS
 3. PANEL SIZE SHALL NOT EXCEED 8 FEET
 4. PANELS SHALL BE KEPT AS SQUARE AS POSSIBLE WITH THE LENGTH NEVER EXCEEDING 1.25X THE WIDTH
 5. 1.0% CU. YD. FIBER REINFORCEMENT
 6. AIR ENTRAPMENT - 6% ± 1%
 7. SLUMP 4" ± 1"

CONCRETE PAVEMENT DETAIL



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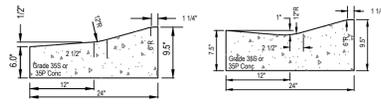
CURB AND WALK WEST OF VAC PLAZA

N.T.S.

BENCHMARKS

BENCHMARK #104 ELEV. = 607.77 (NAVD88)
 Flange bolt under "M" in "MADE" on Hydrant. 4"± North of back of curb, and 9"± South of utility pole near the Southeast corner of site.

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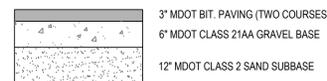


(SPILL CURB) (FLOW CURB)

NOTE: 1. Construction joints shall be placed every 10 ft
 2. Expansion joints shall be placed at 500 ft Min and at all Radial Points

24\"/>

N.T.S.



NOTE:
 1. REFER TO GEOTECHNICAL REPORT FOR FINAL PAVEMENT DESIGN SPECIFICATION
 2. NO RECYCLED ASPHALT PRODUCT ALLOWED IN ANY WEARING COURSE.

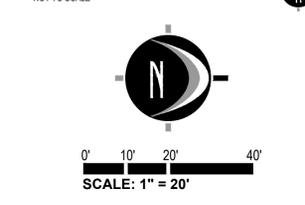
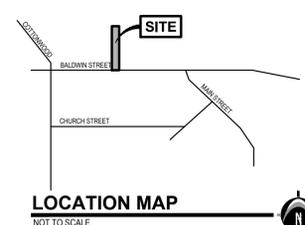
STANDARD DUTY PAVEMENT CROSS SECTION

N.T.S.

GENERAL NOTES

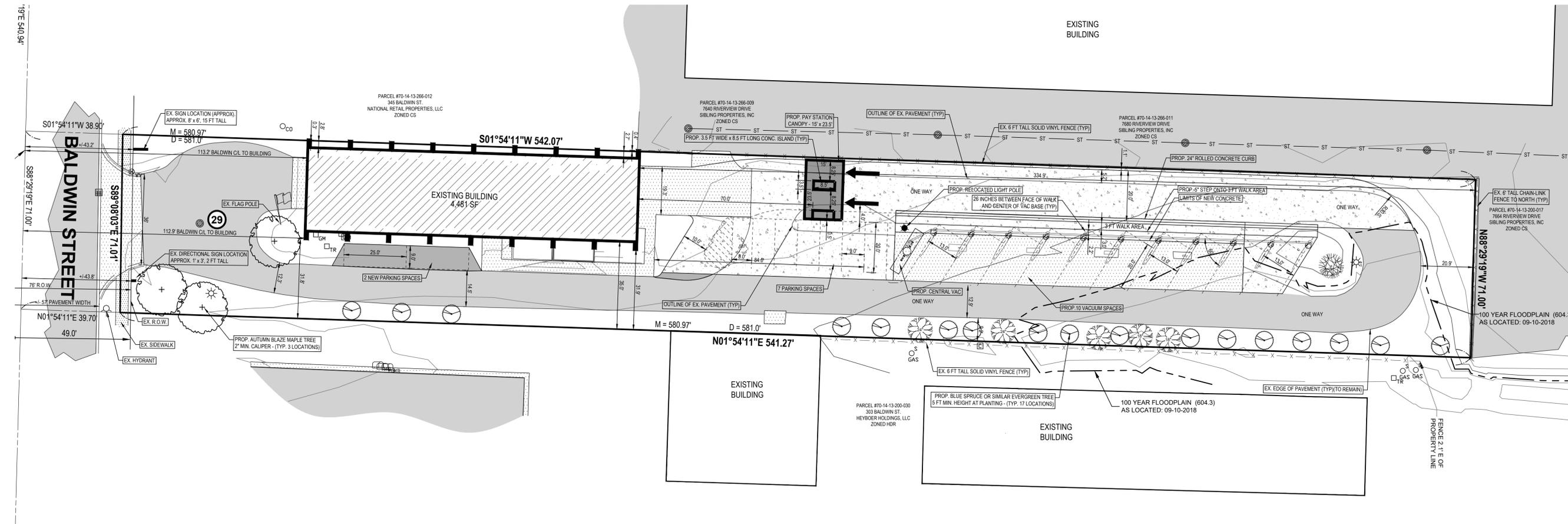
- 1) ZONING OF SITE: CS = COMMUNITY SERVICE COMMERCIAL
 NS ZONING REQUIREMENTS
 MINIMUM LOT AREA = 11,050 SF
 MINIMUM LOT WIDTH = 85 FT
 MAXIMUM BUILDING HEIGHT = 35 FT
 MAXIMUM LOT COVERAGE = NOT APPLICABLE
 MINIMUM ALLOWED BUILDING SETBACKS:
 FRONT YARD = 30 FT (FROM 60 FT FROM CENTERLINE OF ROADWAY)
 (NO PARKING ALLOWED IN FRONT YARD SETBACK, EXCEPT FOR NECESSARY DRIVES)
 SIDE YARD = 0 FT (25 FT ABUTTING RESIDENTIAL)
 REAR YARD = 40 FT
- 2) SUMMARY OF LAND USE:
 A) TOTAL ACREAGE 0.88 ACRES (38,157 SF) (EXCLUDING R.O.W.)
 B) AREA OF EXISTING BUILDING = 4,481 SF
 C) TOTAL AREA OF EXISTING ON-SITE PAVEMENT/CONCRETE = APPROXIMATELY 20,755 SF
 D) AREA OF ON-SITE PAVEMENT/CONCRETE AFTER CONSTRUCTION = APPROXIMATELY 23,930 SF
 E) TOTAL INCREASE OF HARD SURFACE AREA = APPROXIMATELY 3,175 SF
 F) LOT COVERAGE (BUILDING) APPROXIMATELY = APPROXIMATELY 11.7%
 G) LOT COVERAGE (BUILDING AND PAVEMENT) = APPROXIMATELY 74.5% (28,411 SF)
 H) THE HEIGHT OF THE EXISTING BUILDING IS APPROXIMATELY 18 FT.
 I) ZONING OF SURROUNDING PARCELS: CS TO WEST, SOUTH, AND NORTH.
 HDR TO EAST.
 J) TO THE WEST OF THE SITE IS A MEDICAL CENTER (MED EXPRESS).
 TO THE NORTH AND NORTHWEST OF THE SITE IS A RETAIL CENTER.
 TO THE EAST OF THE SITE IS A SPEEDWAY GAS STATION.
 TO THE NORTHEAST OF THE SITE IS APARTMENTS.
 TO THE SOUTH OF THE SITE IS GOOD WILL RETAIL CENTER.
 K) THE BUILDING AND SITE WILL CONTINUE TO BE USED AS AN AUTOMOBILE WASH ESTABLISHMENT.
- 3) PARKING REQUIREMENTS:
 A) MINIMUM PARKING SPACE SIZE = 9' x 20' REQUIRED (24' TWO-WAY AISLES)
 B) TYPICAL BARRIER-FREE SPACE = 8' x 20' (W/ 8 FT AISLES FOR VAN ACCESSIBLE)
 C) TOTAL NUMBER OF SPACES REQUIRED = 5 (BASED ON 5 PER WASH)
 D) NUMBER OF SPACES PROVIDED = 9 'NORMAL' SPACES PLUS 10 VACUUM SPACES
 E) MINIMUM ALLOWED PARKING SETBACK: FRONT YARD = 30 FT
 SIDE AND REAR YARDS = NOT APPLICABLE, OTHER THAN ABUTTING RESIDENTIAL = 25 FT.

- 5) BEST MANAGEMENT PRACTICES WILL BE UTILIZED DURING AND AFTER CONSTRUCTION OF THE PROJECT. MEASURES WILL INCLUDE THE USE OF SEEDING AND MULCHING, SILT FENCING, SEDIMENT INLET FILTERS, COMPACTION AND PAVING.
- 6) UTILITIES SHOWN APPROXIMATE LOCATIONS DERIVED FROM ACTUAL MEASUREMENTS OR AVAILABLE RECORDS. THEY SHOULD NOT BE INTERPRETTED TO EXACT LOCATIONS NOR SHOULD IT BE ASSUMED THAT THEY ARE THE ONLY UTILITIES IN THIS AREA.
- 7) THE CONTRACTOR SHALL FIELD VERIFY EXISTING ELEVATIONS AND UTILITY LOCATIONS AND INVERTS AT START OF CONSTRUCTION.
- 8) ALL LIGHTING SHALL BE SHIELDED FROM ALL ADJACENT PROPERTIES (CUT-OFF FIXTURES REQUIRED).
- 9) LANDSCAPING SHALL COMPLY WITH THE GEORGETOWN TOWNSHIP ZONING ORDINANCE.
- 10) THE PERMANENT PARCEL NUMBER FOR THE SITE IS 70-14-13-200-008. THE PROPERTY ADDRESS IS 325 BALDWIN STREET, JENISON, MICHIGAN 49428.
- 11) THE SITE SOIL IS PRIMARILY WASEPI SANDY LOAM, BASED ON THE USDA SOIL SURVEY MAP.
- 12) THE PROJECT WILL BE COMPLETED IN ONE PHASE.
- 13) A PORTION OF THE SITE IS LOCATED IN THE 100 YR FLOODPLAIN. AN MDEQ PERMIT WILL BE OBTAINED FOR ALL WORK WITHIN THE FLOODPLAIN LIMITS, PRIOR TO WORK BEING STARTED WITHIN THE FLOODPLAIN.
- 14) NO NEW SIGNS ARE PROPOSED AT THIS TIME.
 ANY/ALL FUTURE SIGNS SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF CHAPTER 25 OF THE GEORGETOWN TOWNSHIP ZONING ORDINANCE.
 FREESTANDING SIGN (EITHER POLE OR GROUND-MOUNTED):
 MAXIMUM AREA = 75 SF IF POLE SIGN; 50 SF IF GROUND SIGN
 MAXIMUM HEIGHT = 25 FT IF POLE SIGN; 4 FT IF GROUND SIGN.
 MINIMUM SETBACK = 15 FT
 WALL SIGN:
 MAXIMUM AREA = 1.5 SF/FT OF BUILDING WALL; MAX 200 SF



LEGEND

[Pattern]	EXISTING BITUMINOUS
[Pattern]	EXISTING CONCRETE
[Pattern]	PROPOSED BITUMINOUS
[Pattern]	PROPOSED CONCRETE



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PREPARED FOR:
 Mister Car Wash
 Attention: Sean Ellis

1259 - 28th Street
 Grand Rapids, MI 49512
 Phone: 616.437.1829

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**MISTER CAR WASH
 JENISON**

Site Layout Plan

325 Baldwin Street, Jenison, MI 49428

PART OF THE NORTHEAST 1/4 OF SECTION 13, T6N, R13W,
 GEORGETOWN TOWNSHIP, OTTAWA COUNTY, MICHIGAN

STAMP:

STATE OF MICHIGAN
 LICENSED PROFESSIONAL ENGINEER
 STEVEN L. WITTE
 ENGINEER
 No. 45769

PROJECT NO:
 18201410

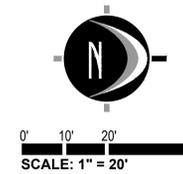
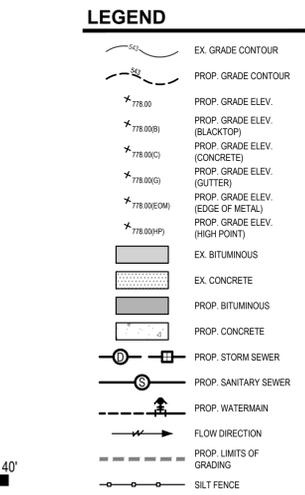
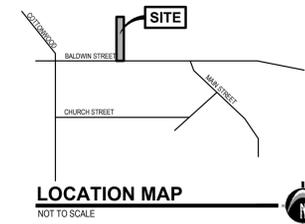
SHEET NO:
C-205

SHEET: 2 OF 4

PREPARED FOR:
 Mister Car Wash
 Attention: Sean Ellis
 1259 - 28th Street
 Grand Rapids, MI 49512
 Phone: 616.437.1829

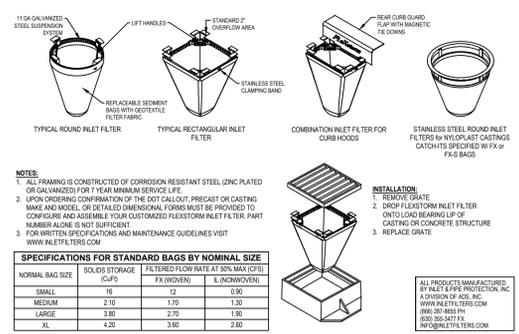
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CONSTRUCTION NOTES

- 1) ALL CONSTRUCTION AND MATERIAL SPECIFICATIONS INCLUDED FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH THE MOST CURRENT EDITIONS OF THE SPECIFICATIONS FOR CONSTRUCTION OF THE TOWNSHIP, WHERE CONFLICTS OCCUR IN THE ABOVE, THE TOWNSHIP SHALL BE THE GOVERNING AUTHORITY.
- 2) VARIATION IN EXISTING SOIL CONDITIONS MAY IMPACT THE EARTHWORK QUANTITIES IF UNUSABLE SOILS ARE ENCOUNTERED DURING CONSTRUCTION.
- 3) THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES TO THE EXISTING WATER AND SEWERAGE SYSTEMS RESULTING FROM NON-COMFORMANCE WITH THE APPLICABLE STANDARDS OR THROUGH GENERAL NEGLIGENCE.
- 4) ALL WORK INCLUDING INSPECTIONS AND TESTING COST REQUIRED FOR REMOVAL, RELOCATION OR NEW CONSTRUCTION FOR PRIVATE OR PUBLIC UTILITIES, WILL BE DONE BY AND AT THE EXPENSE OF THE CONTRACTOR AND INCLUDED IN THE BID PRICE FOR THE VARIOUS WORK ITEMS UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PAYING FOR ALL NECESSARY PERMITS FROM THE TOWNSHIP AND COUNTY AND ANY OTHER AGENCY FOR ALL WORK DONE BY THE CONTRACTOR.
- 5) ANY DEFECTS IN THE CONSTRUCTION INCLUDING MATERIALS OR WORKMANSHIP SHALL BE REPAIRED OR CORRECTED BY REMOVAL AND REPLACEMENT OR OTHER APPROVED METHODS PRIOR TO ACCEPTANCE BY THE TOWNSHIP OR OWNER WITHOUT ANY ADDITIONAL COST TO THE TOWNSHIP OR OWNER.
- 6) ALL LAWN AREAS REMOVED OR DESTROYED SHALL BE REPLACED WITH TOPSOIL AND SOIL WHERE NEEDED AND SHALL BE RESEEDED AND MULCHED IF SATISFACTORY RESEEDING OF LAWN DOES NOT OCCUR.
- 7) ALL PUNCHLIST AND DEFICIENCY WORK SHALL BE COMPLETED WITHIN 1 MONTH OF THE END OF CONSTRUCTION.
- 8) THE CONTRACTOR SHALL OBTAIN A STREET OPENING PERMIT FROM THE TOWNSHIP BEFORE BEGINNING WORK WITHIN ANY PUBLIC STREET RIGHT-OF-WAY.
- 9) THE CONTRACTOR SHALL MAINTAIN A CURRENT SET OF CONSTRUCTION DRAWINGS ON SITE AT ALL TIMES.
- 10) THESE PLANS HAVE BEEN DEVELOPED FOR ELECTRONIC FIELD LAYOUT. DIMENSIONS SHOWN ARE FOR GRAPHIC PRESENTATION ONLY AND SHOULD NOT BE USED FOR LAYOUT. CONTACT THE ENGINEER IF ANY DISCREPANCIES BETWEEN THE PLAN AND ELECTRONIC DATA ARE DISCOVERED.
- 11) THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY LIGHTS, BARRICADES, FLAGMEN, ETC. AS REQUIRED TO PERFORM THE REQUIRED WORK. THE INSTALLATION AND OPERATION OF ALL TEMPORARY TRAFFIC CONTROL AND TEMPORARY TRAFFIC CONTROL DEVICES AS REQUIRED SHALL BE PROVIDED BY THE CONTRACTOR WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS. THE CONTRACTOR SHALL FURNISH, ERECT, MAINTAIN AND SUCCESSFULLY REMOVE SUCH ADDITIONAL TRAFFIC CONTROL DEVICES LOCATED OUTSIDE THE LIMITS OF CONSTRUCTION AS ARE REQUIRED ON THOSE STREETS WHICH ARE USED AS DETOURS, INCLUDING ROAD CLOSURE SIGNS AND BARRICADES AT THE POINT WHERE THE ROAD IS CLOSED TO THROUGH TRAFFIC.
- 12) THE CONTRACTOR SHALL PROTECT LOCATION OF ALL PROPERTY PINS AND BENCHMARKS.
- 13) ALL WORK CONTEMPLATED SHALL AT ALL TIMES BE SUBJECT TO THE DIRECT INSPECTION OF THE TOWNSHIP, OWNER AND THEIR REPRESENTATIVES. THE TOWNSHIP AND OWNER RESERVE THE RIGHT TO HALT ALL CONSTRUCTION ACTIVITY FOR NON-COMFORMANCE OF PLANS, SPECIFICATIONS AND OTHER APPLICABLE STANDARDS OR REGULATIONS.
- 14) PRICES BID PER FOOT FOR ALL PIPES IS COMPACTED IN PLACE REGARDLESS OF SOIL OR ROCK CONDITIONS.
- 15) CONTRACTOR IS RESPONSIBLE FOR ALL SIGNS, BARRICADES AND SAFETY FEES TO DETER PEOPLE FROM ENTERING THE WORK AREA AND FOR MAINTAINING AND PROTECTING THE FLOW OF VEHICULAR AND PEDESTRIAN TRAFFIC AROUND THE JOB SITE. TRAFFIC CONTROLS SHALL BE COORDINATED WITH THE POLICE DEPARTMENT AND THE TOWNSHIP.
- 16) PRIOR TO ANY CONSTRUCTION OR GRADING, A PROTECTIVE BARRIER FENCE, POST AND/OR SIGNS CLEARLY INDICATING LIMITS OF WORK DISTURBANCE SHALL BE INSTALLED INDICATING NO TREE REMOVAL OR DISTURBANCES OUTSIDE LIMITS. THE TOWNSHIP AND OWNER SHALL BE CONTACTED UPON DETERMINATION OF LIMITS IN THE FIELD.
- 17) ALL ROAD SURFACES, EASEMENTS OR RIGHT-OF-WAYS DISTURBED BY CONSTRUCTION OF ANY PART OF THIS IMPROVEMENT ARE TO BE RESTORED COMPLETELY TO THE SATISFACTION OF THE TOWNSHIP AND THE OWNER.
- 18) NO PARKING OF CONTRACTOR OR CONTRACTOR EMPLOYEE'S VEHICLES ON ANY PUBLIC STREETS SHALL BE PERMITTED.
- 19) ALL DISTURBED SIGNS, GUARDRAILS, MAIL BOXES, AND DRIVEWAYS SHALL BE REPAIRED OR REPLACED AS DIRECTED BY THE TOWNSHIP AND THE OWNER.
- 20) DUST CONTROL: THE CONTRACTOR SHALL SUPPLY ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY SUCH AS CALCIUM CHLORIDE, WATER OR A MOTORIZED DUST-FREE STREET SWEEPING DEVICE TO MAINTAIN ALL ROADWAYS BEING USED FOR ACCESS TO THE CONSTRUCTION SITE AND SHALL ADHERE TO ALL ORDINANCES OF THE TOWNSHIP, COUNTY, MIOSD OR ANY OTHER GOVERNING AUTHORITY.
- 21) ALL SEWERS, MANHOLES, JUNCTION CHAMBERS AND INLET BASINS MUST BE CLEANED BEFORE ACCEPTANCE BY THE TOWNSHIP AND OWNER.
- 22) F MUD, SOIL OR OTHER DEBRIS IS DEPOSITED ON ADJACENT STREETS, ROADS OR OTHER PROPERTY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF SUCH AT THE END OF EACH WORK DAY OR AS REQUIRED DURING THE WORK DAY.
- 23) ADJUST TO GRADE OR RECONSTRUCT TO GRADE WORK SHALL INCLUDE THE REMOVAL AND REPLACEMENT OF ANY EXISTING CONCRETE BLOCKOUT PAVEMENT, DAMAGED PAVEMENT DOWELS OR OTHER SUCH LOAD TRANSFER DEVICES SHALL BE REPLACED AS DIRECTED BY THE COUNTY AND THE ENGINEER.
- 24) ALL EXISTING CASTINGS FOR STRUCTURES TO BE ADJUSTED OR RECONSTRUCTED TO GRADE SHALL BE FIELD CHECKED AT THE TIME OF CONSTRUCTION AND MARKED SUITABLE FOR SALVAGE AND REUSE OR REPLACED.
- 25) COMPACTED PREMIUM BACHPILL (MOT CLASS) SAND WILL BE REQUIRED AT ALL FILL AREAS OR ANY STREETS WHERE REMOVAL AND REPLACEMENT OF PAVEMENT IS REQUIRED AND FOR ALL UNDERGROUND CONSTRUCTION UNDER ANY DRIVEWAY OR PAVEMENT INCLUDING THE 45 DEGREE ANGLE OF INFLUENCE FROM THE OUTSIDE EDGE OF PAVEMENT OR TOP OF CURB. COMPACTION TESTS SHALL BE REQUIRED EVERY 50 FEET UNDER PAVEMENT. PAVEMENT INCLUDES, BUT NOT LIMITED TO, ROADWAY SURFACES, SIDEWAYS, BIKE WAYS, DRIVEWAYS, SHOULDERS, BUILDINGS, ETC.
- 26) NO BUILDING MATERIAL, EQUIPMENT, VEHICLES OR CHEMICALS SHALL BE STORED OR PLACED OUTSIDE LIMITS OF WORK DISTURBANCE.
- 27) STORMWATER POLLUTION PREVENTION ITEMS SHALL BE IN PLACE PRIOR TO COMMENCING CLEARING OPERATIONS, EARTHWORK GRADING, OR ANY OTHER TYPE OF CONSTRUCTION ACTIVITY.
- 28) CONSTRUCTION NOISE SHALL BE KEPT TO A MINIMUM DURING NIGHTTIME HOURS AND MUST COMPLY WITH MUNICIPAL CODE REGULATIONS.
- 30) ALL TREES WITHIN THE GRADING LIMITS SHALL BE REMOVED UNLESS OTHERWISE NOTED.



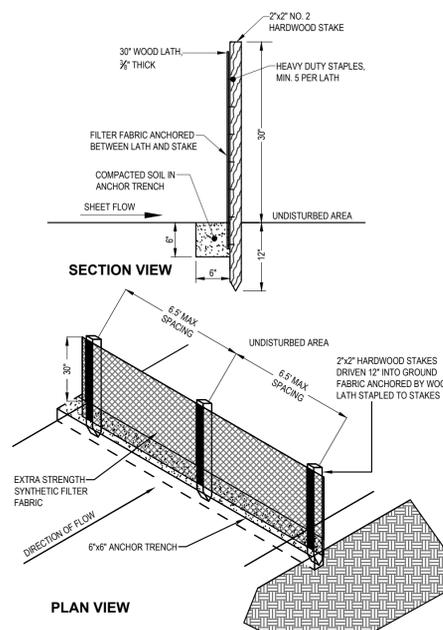
FLEXSTORM INLET FILTER DETAIL

SOIL EROSION AND SEDIMENTATION CONTROL NOTES

- 1) CONTRACTOR SHALL POSSESS THE SOIL EROSION AND SEDIMENTATION CONTROL PERMIT PRIOR TO START OF ANY EARTH WORK.
- 2) CONTRACTOR SHALL MODIFY THIS SOIL EROSION AND SEDIMENTATION CONTROL PLAN TO SHOW THE ADDITIONAL CONTROL MEASURES INTENDED TO BE USED DURING CONSTRUCTION. SUBMIT MODIFICATIONS TO THE CONTROLLING AGENCY, THE OWNER, AND THE ENGINEER.
- 3) EROSION PROTECTION SHALL BE PROVIDED AT ALL STORM SEWER INLETS AND OUTLETS. ALL BARE EARTH SHALL BE STABILIZED WITH SEEDING.
- 4) REFER TO THE M.D.O.T. "SOIL EROSION AND SEDIMENTATION CONTROL MANUAL" (APRIL 2006) FOR ADDITIONAL INFORMATION.
- 5) THE ENTIRE STORM SEWER SYSTEM SHALL BE CLEANED AND FLUSHED FOLLOWING CONSTRUCTION AND PAID RECEIPT THEREOF PROVIDED TO THE ENGINEER AND COUNTY SESC AGENT PRIOR TO FINAL PAYMENT TO THE CONTRACTOR OR FINAL ACCEPTANCE OF THE CONSTRUCTION BY THE OWNER.

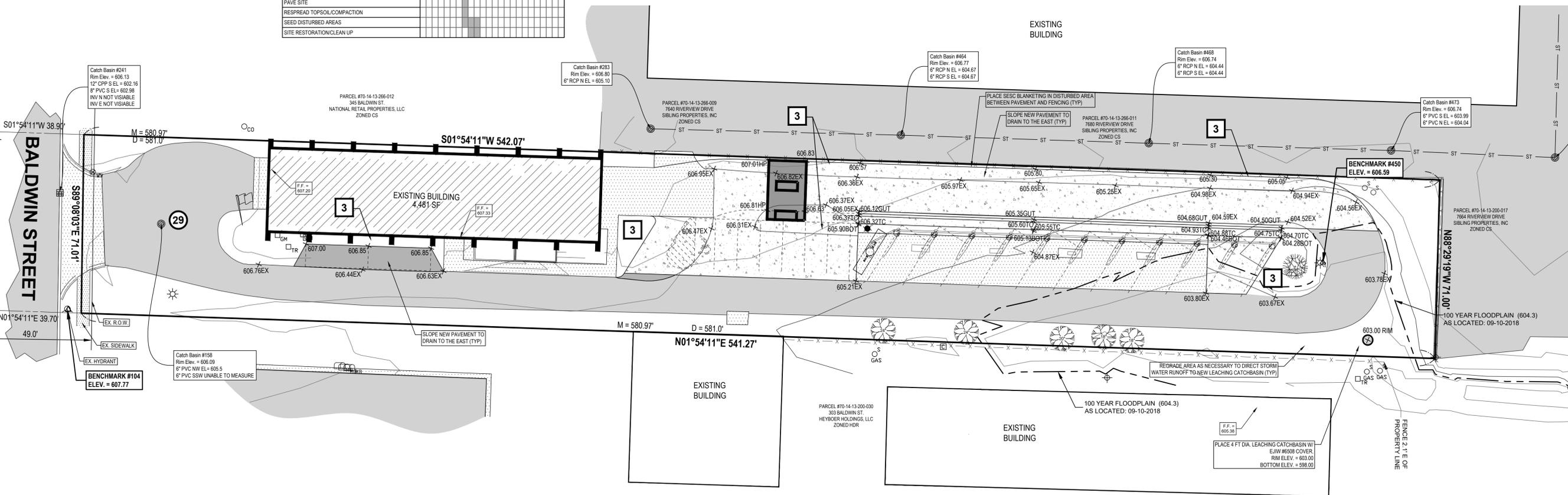
SOIL EROSION CONTROL SCHEDULE

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
PLACE SILT FENCE												
STRIP & STOCKPILE TOPSOIL												
CONSTRUCT CONNECTION TO STORM SEWER												
ROUGH GRADE SITE												
CONSTRUCT VACUUM PLAZA AND DRIVE IMPROVEMENTS												
CONSTRUCT IMPROVEMENTS AROUND BUILDING												
CONSTRUCT UTILITY LINES												
FINISH GRADE SITE												
PAVE SITE												
RESURFACE TOPSOIL/COMPACTION												
SEED DISTURBED AREAS												
SITE RESTORATION/CLEAN UP												



SILT FENCE DETAIL

N.T.S.



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

UTILITY LOCATIONS ARE DERIVED FROM ACTUAL MEASUREMENTS OR AVAILABLE RECORDS. THEY SHOULD NOT BE INTERPRETED TO BE EXACT LOCATIONS NOR SHOULD IT BE ASSUMED THAT THEY ARE THE ONLY UTILITIES IN THIS AREA.

NOTE: EXISTING UTILITIES AND SERVICE LINES IDENTIFIED AS "PLUM" WERE OBTAINED FROM AVAILABLE AS-BUILT RECORD DRAWINGS. THE CONTRACTOR SHALL VERIFY THE LOCATION, DEPTH AND STATUS OF ALL UTILITIES AND SERVICE LINES PRIOR TO NEW CONNECTIONS.

BENCHMARKS

BENCHMARK #104 ELEV. = 607.77 (NAVD88)
 Flange bolt under "M" in "MADE" on Hydrant. 4"x North of back of curb, and 9"x South of utility pole near the Southeast corner of site.

BENCHMARK #405 ELEV. = 606.59 (NAVD88)
 Marker "square" on North side of light pole base 2.5' above ground level. 2"x South of edge of asphalt, and 10'± North of 20' Evergreen tree.

STAMP:

PROJECT NO:
18201410

SHEET NO:
C-300

SHEET: 3 OF 4

