

Community Services Agency

June 08, 2016

<u>Submitter:</u> Paul Philips, PE 1050 S. Grider Street Appleton, WI 54914 Property Owner: GREEN BAY C LLC 1726 N BALLARD RD APPLETON WI 54911-2444

RE: 1937 MAIN ST...21-1323-1 New Bank & Fast Food Restaurant Site Plan #968, Project # 66511

This site plan is being returned **CONDITIONALLY APPROVED** having been found to be in reasonable conformance with applicable municipal ordinances and standards. However, the conditions of approval, listed below, are to be adhered to during the course of the project.

Engineering Division, Room 300, (920) 448-3100 - Reviewed by Kyle Vander Loop

1. The following permits will be required by the Department of Public Works: Street Excavation, Street Obstruction, Curb Cut, Sidewalk Building Grade.

Inspection Division, Room 610, (920) 448-3300 - Reviewed by Richard Larsen

1. GBFD requires a Knox Box brand lock box to be located near the front main entrance of each building. The Knox Box brand locking boxes can be purchased by calling (920) 448-3280 and requesting a Knox Box brand locking box packet (IFC 506.1 & 506.1.1).

This document is a development agreement between the submitter and the City of Green Bay, which permits the development as conditionally approved. Deviation from this agreement without prior approval is a violation of 40.05, Green Bay Municipal Ordinance, which is subject to cancellation and/or other enforcement efforts.

If you have any questions regarding any of the above items, please feel free to contact the reviewer indicated above the item, or contact the Planning Department/Inspection Division at (920) 448-3300.

Sincerely,

Paul Van Calster, P.E. Inspection Service Specialist

Planning +	Neighborhood	а	Redevelopment	ĸ	Housing		 Inspection
100 North Jefferson Street	* Room 608	'al	Green Bay, WI 54301-5026	*	920 448 3300	,Ħ	Fax 920 448 3117
			www.greenbaywi.gov				

City of Green Bay	Site Plan Checklist
100 North Jefferson Street Green Bay, WI 54301	Final Review
Review #: 968, Project #: 66511 1st Rtn: 4/18/2016 Address: 1937 MAIN ST21-1323-1 Title: New Bank & Fast Food Restaurant Descrip:	nd Rtn: 5/23/2016 Contact: Paul Philips, PE 1050 S. Grider Street Appleton, WI 54914 843-9691
Planning Division 1st Review: 3/30/2016	2nd Review: 5/11/2016
1- Zoning District	# Code 1st Review Comment
2- Prop. dim., legal description	1- Please provide building facade elevations and proposed materials for both buildings.
3- Driveways - exist & proposed 4- R.O.W. shown	2- A 15' landscape buffer is required along the north property line per Chapter 13-1820 Green Bay Zoning Code.
5- Landscaping in setbacks	3- Indicate the shared access agreement with the adjoining property owner to the west and east.
7- Parking & loading, ADA O-C 8- Curbs, wheelblocks, barricades	4- Maximum driveway openings are 25 feet that the property line and 35 feet at the curb line.
9- Parking lot surfacing	5- Provide a detail of the trash enclosure.
10- Fencing 11- "IN" & "OUT" signs 12- Signage, location & size	6- Indicate the use and square footage of each use within the buildings A & B and the required parking per Chapter 13-1719, Table 17-2.
13- Utilities, easements, etc.	7- Indicate impervious coverage for each lot.8-
	# Code 2nd Review Comment

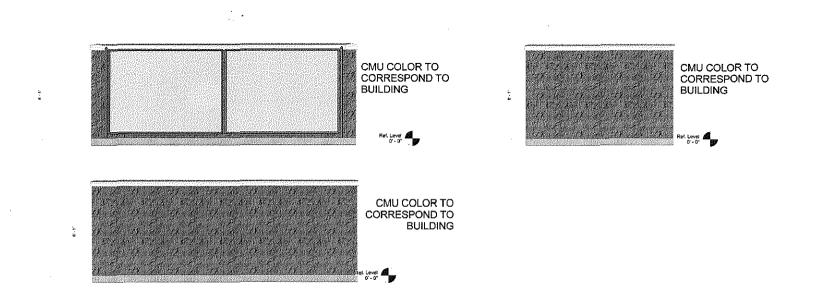
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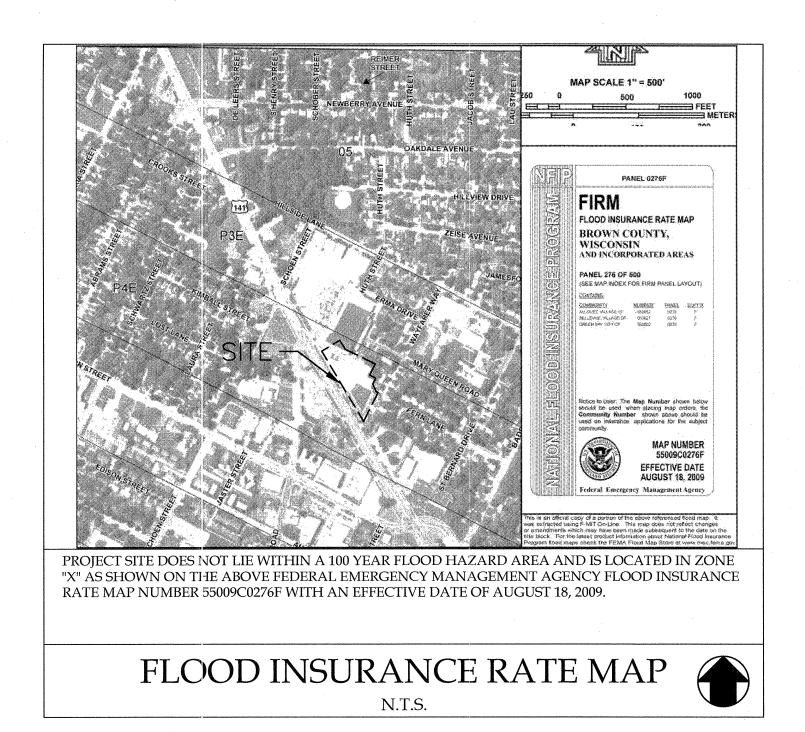
Please provide building facade elevations and proposed materials for both buildings.

A 15' landscape buffer is required along the north property line per Chapter 13-1820 Green Bay Zoning Code. Please indicate the placement of the fence/wall/hedge or berm.

Please provide a detail of the trash enclosure that include all side walls and materials complaint with Chapter 13-1813.

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SHEET INDEX:

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C7.1	CONSTRUCTION DETAILS
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L2.0	LANDSCAPE NOTES AND DETAILS

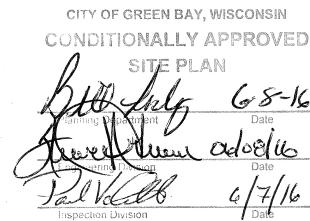
ATTACHMENTS

ALTA/ACSM LAND TITLE SURVEY

INSPECTION DIVISION

PLANNING

1937 MAIN #66511 P.968



GB REAL ESTATE INVESTMENTS, LLC

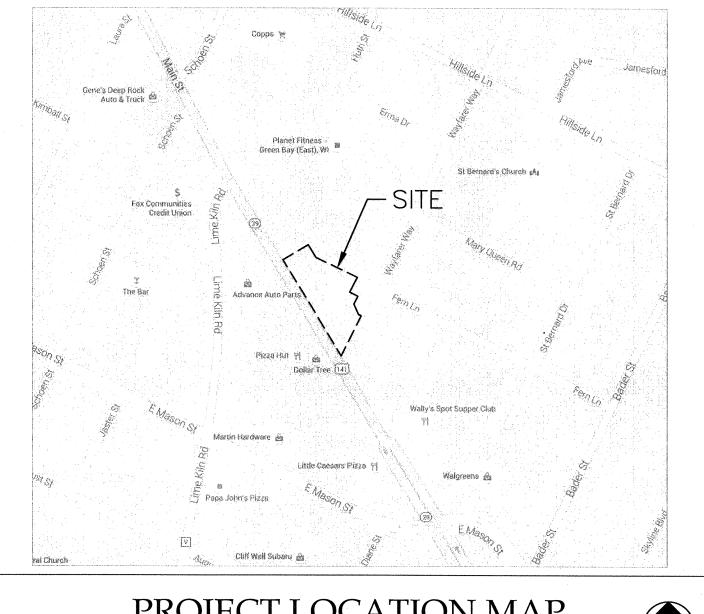
1901 AND 1911 MAIN STREET GREEN BAY, WI 54301 ZONING: C1 COMMERCIAL ONE

DEVELOPER:

GB REAL ESTATE INVESTMENTS, LLC **CONTACT: GARRITT BADER** 300 N. VAN BUREN STREET GREEN BAY, WI 54301 EMAIL: GB@GB-RE.COM

> **ENGINEER**: GreenbergFarrow

CONTACT: PAUL PHILLIPS, P.E. **1050 SOUTH GRIDER STREET** APPLETON, WISCONSIN 54914 TEL: (920) 843-9691 EMAIL: PPHILLIPS@GREENBERGFARROW.COM



PROJECT LOCATION MAP N.T.S.



CONTACTS:

PLANNING:

PLANNING AND DEVELOPMENT DIVISION 100 N. JEFFERSON STREET GREEN BAY, WI 54301 CONTACT: PAUL NEUMEYER TEL: (920) 448-3400

WATER:

GREEN BAY WATER UTILITY 631 S. ADAMS STREET GREEN BAY, WI 54305 CONTACT: BRIAN POWELL TEL: (920) 448-3497 BRIANPO@GREENBAYWI.GOV

SAN. & STORM:

PUBLIC WORKS DEPARTMENT 100 N. JEFFERSON STREET GREEN BAY, WI 54301 CONTACT: MATT HECKENLIABLE TEL: (920) 448-3100

ELECTRIC & GAS: WISCONSIN PUBLIC SERVICE CUSTOMER SERVICE P.O. BOX 19003 GREEN BAY, WI 54307 TEL: (877) 444–0888

FIRE:

GREEN BAY CITY FIRE DEPARTMENT 501 S. WASHINGTON STREET GREEN BAY, WI 54301 CONTACT: DAVID LITTON TEL: (920) 448-3280

SURVEYOR:

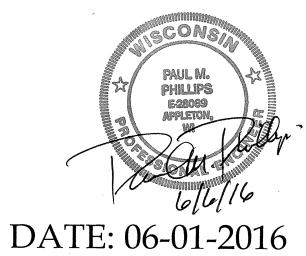
CAROW LAND SURVEYING Co., INC. CONTACT: ROBERT REIDER 615 N. LYNNDALE DRIVE APPLETON, WI 54912 TEL: (920) 731-4168 PROJECT NO. A065.13-15

GEOTECHNICAL **ENGINEER**:

PROFESSIONAL SERVICE INDUSTRIES, INC. CONTACT: MIKE GREIL 2740-F PACKERLAND DRIVE GREEN BAY, WI 54313 TEL: (920) 592-9540 PROJECT NO. 0093283



Call 811 or (800) 242-8511 Milwaukee Area (262) 432-7910 Hearing Impaired TDD (800) 542-2289 www.DiggersHotline.com



JOB NO. 20150955.0

GENERAL NOTES:

- CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY AND ALL WAYS. MEANS 1. AND METHODS OF CONSTRUCTION.
- 2. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL AGENCY CODES, STANDARDS AND SPECIFICATIONS.
- 3. CONTRACTOR SHALL OBTAIN ALL NECESSARY SITE PERMITS AND LICENSES FROM THE APPLICABLE GOVERNING AUTHORITIES.
- 4. ALL CONSTRUCTION MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE LATEST STATE AND LOCAL GOVERNMENT CONSTRUCTION STANDARDS AND SPECIFICATIONS.
- 5. UNLESS OTHERWISE NOTED ON THE PLANS, CONTRACTOR SHALL NOTIFY THE LOCAL ENGINEERING OR PUBLIC WORKS DEPARTMENT AND/OR OTHER PROJECT GOVERNING AUTHORITY(S) A MINIMUM OF FORTY-EIGHT (48) HOURS PRIOR TO COMMENCING CONSTRUCTION OPERATIONS AND TO SCHEDULE ANY REQUIRED SITE INSPECTIONS.
- CONTRACTOR SHALL SCHEDULE A UTILITY LOCATING SERVICE AND/OR NOTIFY ALL UTILITY COMPANIES (GAS, ELECTRIC, TELEPHONE, CABLE, ETC.) AND THE LOCAL MUNICIPALITY TO DETERMINE THE LOCATION OF UNDERGROUND UTILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION IN ORDER TO AVOID POTENTIAL CONFLICTS. IT IS ULTIMATELY THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES WHETHER INDICATED ON THE PLANS OR NOT AND TO HAVE THESE UTILITIES STAKED PRIOR TO CONSTRUCTION. ANY NECESSARY RELOCATIONS OR REMOVALS OF EXISTING UTILITY LINES SHALL BE PERFORMED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL PRIVATE AND PUBLIC UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS EXPENSE AND TO THE SATISFACTION OF THE UTILITY OWNER.
- 8. ALL EASEMENTS FOR EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE, AND UTILITIES WITHIN PUBLIC RIGHTS-OF-WAY ARE SHOWN ON THE PLANS PREPARED BY THE SURVEYOR ACCORDING TO INFORMATION AVAILABLE FROM PUBLIC RECORDS OR VISIBLE FIELD MARKINGS. THE CONTRACTOR SHALL BE ULTIMATELY RESPONSIBLE FOR DETERMINING THE EXACT LOCATION IN THE FIELD OF THESE UTILITY LINES AND FOR THEIR PROTECTION FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT IN LOCATION WITH THE PROPOSED CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER SO THE CONFLICT MAY BE RESOLVED.
- 9. ALL UTILITY CONNECTIONS TO EXISTING LINES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE RULES AND REGULATIONS AND TO THE SATISFACTION OF THE APPLICABLE UTILITY OWNER(S).
- 10. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, COORDINATES AND ELEVATIONS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES SO THE CONFLICT MAY BE RESOLVED.
- 11. ALL PROPERTY MARKERS AND SURVEY REFERENCE MARKERS SHALL BE CAREFULLY PRESERVED DURING CONSTRUCTION UNTIL THEIR LOCATION HAS BEEN WITNESSED OR OTHERWISE TIED IN BY AN AUTHORIZE() AGENT OR PROFESSIONALLY LICENSED SURVEYOR.
- 12. THE SAFE AND ORDERLY PASSAGE OF TRAFFIC AND PEDESTRIANS SHALL BE PROVIDED WHERE CONSTRUCTION OPERATIONS ABUT PUBLIC THROUGH-FARES AND ADJACENT PROPERTY.
- 13. ALL AREAS DISTURBED BY THE GENERAL CONTRACTOR OR SUB-CONTRACTORS SHALL BE RETURNED TO THE ORIGINAL CONDITION OR BETTER, EXCEPT WHERE PROPOSED CONSTRUCTION IS INDICATED ON THE PLANS.
- 14. PRIOR TO INITIAL ACCEPTANCE BY THE OWNER(S) AND/OR GOVERNING AUTHORITY. ALL WORK SHALL BE INSPECTED AND APPROVED BY THE OWNER AND MUNICIPAL FNGINEER OR HIS REPRESENTATIVE(S). THE CONTRACTOR SHALL GUARANTEE HIS WORK FOR A PERIOD OF 12 (TWELVE) MONTHS FROM THE DATE OF SUBSTANTIAL COMPLETION AND SHALL BE HELD RÉSPONSIBLE FOR ANY DEFECTS IN MATERIAL OR WORKMANSHIP OF THIS WORK DURING THAT PERIOD AND UNTIL FINAL ACCEPTANCE IS MADE.
- 15. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFE AND ADEQUATE WORKING CONDITIONS THROUGHOUT THE DURATION OF CONSTRUCTION OF THE PROPOSED IMPROVEMENTS.
- 16. CONTRACTOR SHALL KEEP THE PUBLIC STREET PAVEMENTS CLEAN OF DIRT AND DEBRIS AND, WHEN NECESSARY, CLEAN PAVEMENTS AT THE END OF EACH WORKING DAY.
- 17. ALL CONSTRUCTION STAKING, SCHEDULING AND PAYMENT IS THE RESPONSIBILITY OF THE CONTRACTOR.
- 18. AFTER COMPLETION OF THE PROPOSED IMPROVEMENTS AND WHEN REQUIRED BY THE GOVERNING AUTHORITY(S), CONTRACTOR SHALL PROVIDE THE OWNER AND ENGINEER WITH AS-BUILT AND/OR RECORD DRAWINGS, SIGNED AND SEALED BY A PROFESSIONALLY LICENSED ENGINEER OR SURVEYOR AND SHALL INCLUDE AT A MINIMUM (WHERE APPLICABLE TO THE SCOPE OF WORK) THE FOLLOWING ITEMS:
- 18.1. TOPOGRAPHY AND SPOT GRADE ELEVATIONS OF ALL PROPOSED PERMANENT SITE FEATURES INCLUDING ANY STORM WATER FACILITIES OR MODIFICATIONS TO EXISTING STORM WATER FACILITIES.
- 18.2. HORIZONTAL AND VERTICAL LOCATION AND ALIGNMENT OF ALL PROPOSED ROADWAYS, PARKING LOTS, UTILITIES, BUILDINGS OR OTHER PERMANENT SITE FEATURES.
- 18.3. RIM AND INVERT AND/OR TOP OF PIPE ELEVATIONS FOR ALL PROPOSED UTILITIES.
- 18.4. AS-BUILT AND/OR RECORD DRAWING INFORMATION SHALL BE SHOWN ON THE APPROVED ENGINEERING PLANS ISSUED FOR CONSTRUCTION. ANY AND ALL DEVIATIONS FROM THESE APPROVED PLANS SHALL BE SHOWN BY MEANS OF STRIKING THROUGH THE PROPOSED INFORMATION AND CLEARLY INDICATING THE AS-BUILT LOCATIONS AND ELEVATIONS ON THE APPLICABLE PLAN SHEET.

SITE GRADING AND PAVING NOTES:

- 1. ALL SITE WORK, GRADING, AND PAVING OPERATIONS WITHIN THE LIMITS OF THE PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH THE NOTES IN THE PLANS AND THE STANDARDS, SPECIFICATIONS, CODES AND ORDINANCES OF THE LOCAL GOVERNING AUTHORITIES. IN CASE OF CONFLICT, THE MORE STRINGENT CODE SHALL TAKE PRECEDENCE.
- EARTH EXCAVATION SHALL INCLUDE CLEARING, STRIPPING AND STOCKPILING TOPSOIL, REMOVING UNSUITABLE MATERIALS, CONSTRUCTION OF EMBANKMENTS, NON-STRUCTURAL FILLS, FINAL SHAPING AND TRIMMING TO THE LINES, GRADES AND CROSS SECTIONS SHOWN ON THE PLANS. ALL UNSUITABLE OR EXCESS MATERIAL SHALL BE DISPOSED OF LEGALLY OFFSITE OR AS DIRECTED BY THE PROJECT REPRESENTATIVE IN THE FIELD.
- EXCAVATED TOPSOIL SHALL BE STOCKPILED ON THE SITE IN AREAS DESIGNATED BY THE PROJECT ENGINEER UNTIL SUCH TIME THAT THIS TOPSOIL CAN BE USED FOR FINAL GRADING. UNLESS OTHERWISE NOTED ON THE PLANS, A MINIMUM OF 6" TOPSOIL RE-SPREAD AND SEEDING FOR ALL DISTURBED AREAS IS REQUIRED.
- 4. THE GEOTECHNICAL INVESTIGATION REPORT FOR THE SITE AND ALL ADDENDA THERETO ARE SUPPORTING DOCUMENTS FOR THIS PROJECT. THE RECOMMENDATIONS AS STATED IN SAID REPORT ARE HEREBY INCORPORATED INTO THESE CONSTRUCTION NOTES BY REFERENCE AND SHALL BE FOLLOWED BY ALL CONTRACTORS. THE GRADING OPERATIONS ARE TO BE CLOSELY SUPERVISED AND INSPECTED, PARTICULARLY DURING THE REMOVAL OF UNSUITABLE MATERIAL AND THE CONSTRUCTION OF EMBANKMENTS OR BUILDING PADS, BY A SOILS ENGINEER OR HIS REPRESENTATIVE. FURTHER CONSTRUCTION OPERATIONS WILL NOT BE PERMITTED UNTIL THE SOILS ENGINEER ISSUES A WRITTEN STATEMENT THAT THE AREA IN QUESTION HAS BEEN SATISFACTORILY PREPARED AND IS READY FOR CONSTRUCTION.
- ALL TESTING, INSPECTION AND SUPERVISION OF SOIL QUALITY, UNSUITABLE SOIL REMOVAL AND ITS REPLACEMENT AND OTHER SOILS RELATED OPERATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE COORDINATED WITH AND PERFORMED AT THE DIRECTION OF THE OWNER'S GEOTECHNICAL ENGINEER.
- 6. THE CONTRACTOR SHALL USE CARE IN GRADING NEAR TREES. SHRUBS, AND BUSHES WHICH ARE NOT NOTED TO BE REMOVED SO AS NOT TO CAUSE INJURY TO ROOTS OR TRUNKS.
- 7. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH ARE NOT INDICATED TO BE REMOVED. ANY DAMAGE DONE TO THESE EXISTING ITEMS BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT HIS OWN EXPENSE.
- REMOVED PAVEMENTS. SIDEWALKS. CURBS. TREES AND STUMPS SHALL BE DISPOSED OF LEGALLY OFFSITE AT LOCATIONS DETERMINED BY THE CONTRACTOR.
- 9. ON AND OFFSITE PAVING AND CURBS TO REMAIN SHALL BE PROTECTED FROM DAMAGE, AND, IF DAMAGED, SHALL BE REPLACED PROMPTLY TO MEET STATE AND LOCAL STANDARD SPECIFICATIONS IN MATERIALS AND WORKMANSHIP.
- 10. PROPOSED ELEVATIONS INDICATE FINISHED GRADE CONDITIONS. FOR ROUGH GRADING ELEVATIONS ALLOW FOR THE THICKNESS OF THE PROPOSED PAVEMENT SECTION (ROADS, WALKS, DRIVE, ETC.) OR TOPSOIL AS INDICATED ON THE PLANS.
- 11. CONTRACTOR SHALL PROVIDE SMOOTH VERTICAL CURVES THROUGH THE HIGH AND LOW POINTS INDICATED BY SPOT ELEVATIONS ON THE PLANS. CONTRACTOR SHALL PROVIDE UNIFORM SLOPES BETWEEN NEW AND EXISTING GRADES AND AVOID ANY RIDGES AND/OR DEPRESSIONS.
- 12. ALL PROPOSED GRADING. PAVEMENT, APRONS, CURBS, WALKS, ETC. SHALL MATCH EXISTING GRADES FLUSH.
- 13. ALL EXISTING AND PROPOSED TOP OF FRAME ELEVATIONS FOR STORM, SANITARY, WATER AND OTHER UTILITY STRUCTURES SHALL BE ADJUSTED TO MEET FINISHED GRADE WITHIN THE PROJECT LIMITS.
- 14. SITE GRADING AND CONSTRUCTION OF THE PROPOSED SITE IMPROVEMENTS SHALL NOT CAUSE PONDING OF STORM WATER. ALL AREAS ADJACENT TO THESE IMPROVEMENTS SHALL BE GRADED TO ALLOW POSITIVE DRAINAGE AND MATCH EXISTING GRADES FLUSH.
- 15. CONTRACTOR SHALL ENSURE POSITIVE SITE DRAINAGE AT THE END OF EACH WORKING DAY DURING CONSTRUCTION OPERATIONS. FAILURE TO PROVIDE ADEQUATE DRAINAGE WILL PRECLUDE THE CONTRACTOR FROM ANY POSSIBLE COMPENSATION REQUESTED DUE TO DELAYS OR UNSUITABLE MATERIALS CREATED AS A RESULT.
- 16. DRIVEWAYS SHALL BE CONSTRUCTED SO AS NOT TO IMPEDE THE SURFACE DRAINAGE SYSTEM.
- 17. TRAFFIC CONTROL DEVICES SHALL BE IN CONFORMANCE WITH THE APPLICABLE STATE DEPARTMENT OF TRANSPORTATION STANDARDS AND SHALL BE INSTALLED AND PROVIDED WHENEVER CONSTRUCTION FOR UTILITIES ARE WITHIN STREET AREAS. APPLICABLE ORDINANCES OF THE MUNICIPALITY, COUNTY OR STATE SHALL ALSO GOVERN THE TRAFFIC CONTROL REQUIREMENTS.

WATER AND SEWER SEPARATION NOTES:

- 1. WATER MAINS SHALL BE LOCATED AT LEAST TEN (10) FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED DRAIN, STORM SEWER, SANITARY SEWER, COMBINED SEWER. OR SEWER SERVICE CONNECTION. 2. WATER MAINS MAY BE LOCATED CLOSER THAN TEN (10) FEET TO A SEWER LINE
- WHEN: 2.1. LOCAL CONDITIONS PREVENT A LATERAL SEPARATION OF TEN (10) FEET; AND THE WATER MAIN INVERT IS AT LEAST EIGHTEEN (18) INCHES ABOVE THE 2.2.
- 2.3.
- CROWN OF THE SEWER; AND THE WATER MAIN IS EITHER IN A SEPARATE TRENCH OR IN THE SAME TRENCH ON AN UNDISTURBED EARTH SHELF LOCATED TO ONE SIDE OF THE SEWER. WHEN IT IS IMPOSSIBLE TO MEET 1) OR 2) ABOVE, BOTH THE WATER MAIN AND DRAIN OR SEWER SHALL BE CONSTRUCTED OF SLIP-ON OR MECHANICAL JOINT CAST OR DUCTILE IRON PIPE, PRE-STRESSED CONCRETE PIPE, OR PVC PIPE EQUIVALENT TO WATER MAIN STANDARDS OF CONSTRUCTION. THE DRAIN OR SEWER SHALL BE PRESSURE TESTED FOR THE MAXIMUM EXPECTED SURCHARGE HEAD PRIOR TO BACKFILLING.
- 4. WATER MAINS SHALL BE SEPARATED FROM A SEWER SO THAT ITS INVERT IS A MINIMUM OF EIGHTEEN (18) INCHES ABOVE THE CROWN OF THE DRAIN OR SEWER WHENEVER WATER MAINS CROSS STORM SEWERS, SANITARY SEWERS, OR SEWER SERVICE CONNECTIONS. THE VERTICAL SEPARATION SHALL BE MAINTAINED FOR THAT PORTION OF THE WATER MAIN LOCATED WITHIN TEN (10) FEET HORIZONTALLY OF ANY SEWER OR DRAIN CROSSED. A LENGTH OF WATER MAIN PIPE SHALL BE CENTERED OVER THE SEWER TO BE CROSSED WITH JOINTS EQUIDISTANT FROM THE SEWER OR DRAIN.
- 5. BOTH THE WATER MAIN AND SEWER SHALL BE CONSTRUCTED OF SLIP-ON OR MECHANICAL JOINT CAST OR DUCTILE IRON PIPE, PRE-STRESSED CONCRETE PIPE, OR PVC PIPE EQUIVALENT TO WATER MAIN STANDARDS OF CONSTRUCTION WHEN: 5.1. WHEN IT IS IMPOSSIBLE TO OBTAIN THE PROPER VERTICAL SEPARATION AS
- DESCRIBED IN 4) ABOVE; OR THE WATER MAIN PASSES UNDER A SEWER OR
- 6. A VERTICAL SEPARATION OF EIGHTEEN (18) INCHES BETWEEN THE INVERT OF THE SEWER OR DRAIN AND THE CROWN OF THE WATER MAIN SHALL BE MAINTAINED WHERE A WATER MAIN CROSSES UNDER A SEWER. THE SEWER OR DRAIN LINES SHALL BE SUPPORTED TO PREVENT SETTLING AND BREAKING OF THE WATER MAIN, AS SHOWN ON THE PLANS OR AS APPROVED BY THE ENGINEER. CONSTRUCTION SHALL EXTEND ON EACH SIDE OF THE CROSSING UNTIL THE PERPENDICULAR DISTANCE FROM THE WATER MAIN TO THE SEWER OR DRAIN LINE
- IS AT LEAST TEN (10) FEET.

WATER MAIN AND WATER SERVICE NOTES:

- 1. ALL WATER MAIN CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE NOTES IN THE PLANS AND THE STANDARDS. SPECIFICATIONS. CODES AND ORDINANCES OF THE LOCAL GOVERNING AUTHORITIES. IN CASE OF CONFLICT, THE MORE STRINGENT CODE SHALL TAKE PRECEDENCE.
- WATER MAIN PIPE AND STRUCTURES SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH LOCAL REQUIREMENTS AND SPECIFICATIONS.
- WATER MAIN SHALL BE POLYVINYL CHLORIDE (PVC) PIPE IN ACCORDANCE WITH AMERICAN WATER WORKS ASSOCIATION (AWWA) STANDARD C900 WITH PRESSURE RATED FLEXIBLE (O-RING) SLIP ON JOINTS CONFORMING TO ASTM D3139, UNLESS OTHERWISE NOTED.
- UNLESS OTHERWISE NOTED ON THE PLANS. ALL WATER MAIN PIPE SHALL BE LAID WITH A MINIMUM COVER OF SIX (6) FEET FROM THE PROPOSED FINISH GRADE INDICATED ON THE PLANS OR TO THE SPECIFIC TOP OF PIPE ELEVATION INDICATED ON THE PLANS FOR THE WATER MAIN. NO BERMS ARE ALLOWED OVER WATER MAINS EXCLUSIVELY FOR THE PURPOSE OF OBTAINING ADEQUATE GROUND COVER.
- 5. DUCTILE IRON WATER MAIN PIPE SHALL BE CONSTRUCTED WITH A MINIMUM OF 8-MIL POLYETHYLENE ENCASEMENT TO PREVENT CORROSION.
- 6. WATER MAIN TRENCH EXCAVATIONS AND PIPE FOUNDATION, BEDDING AND HAUNCHING SHALL BE CONSTRUCTED IN ACCORDANCE WITH LOCAL REQUIREMENTS AND SPECIFICATIONS.
- 6.1. WATER MAINS MUST BE PLACED ON PROPERLY COMPACTED STONE BEDDING. PIPE BEDDING MATERIAL SHALL BE A MINIMUM OF FOUR (4) INCHES THICK UNDER THE BARREL OF THE PIPE. PIPE BEDDING MATERIAL SHALL BE CRUSHED GRAVEL OR STONE MEETING LOCAL STANDARD GRADATIONS.
- 6.2. TRENCH BACKFILL MATERIAL SHALL BE PLACED AND COMPACTED TO A MINIMUM OF 98% STANDARD PROCTOR MAXIMUM DRY DENSITY, PER ASTM D698, OVER ALL WATER MAINS WHICH ARE CONSTRUCTED UNDER, OR WITHIN TWO (2) FEET OF, ANY PROPOSED OR EXISTING PAVEMENT, PARKING LOTS OR SIDEWALKS.
- 6.3. TRENCH BACKFILL MATERIAL SHALL BE PLACED AND COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR MAXIMUM DRY DENSITY, PER ASTM D698, OVER ALL STORM SEWERS WHICH ARE CONSTRUCTED UNDER PROPOSED LAWN OR LANDSCAPED AREAS.
- 7. A WATERTIGHT PLUG SHALL BE PLACED IN THE END OF THE WATER MAIN PIPE AT THE END OF EACH CONSTRUCTION DAY.
- 8. UPON COMPLETION OF THE WATERMAIN CONSTRUCTION, ALL WATER MAIN SHALL BE TESTED IN ACCORDANCE WITH THE FOLLOWING MINIMUM STANDARDS:
- 8.1. HYDROSTATIC PRESSURE AND LEAKAGE TESTS IN ACCORDANCE WITH LOCAL REQUIREMENTS AND SPECIFICATIONS AND SHALL BE WITNESSED BY THE LOCAL GOVERNING AUTHORITY.
- DISINFECTION IN ACCORDANCE WITH LOCAL REQUIREMENTS AND THE METHODS 8.2. STATED IN AWWA STANDARD C651 AND WITNESSED BY THE LOCAL GOVERNING AUTHORITY.
- 9. WATER SERVICE PIPING AND STRUCTURES SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH LOCAL REQUIREMENTS AND SPECIFICATIONS.
- 10. WATER SERVICE LINES 2" IN DIAMETER OR SMALLER SHALL BE TYPE 'K' COPPER TUBING CONFORMING TO ASTM B88-14. NO COUPLINGS SHALL BE PERMITTED BETWEEN THE CORPORATION AND CURB STOPS OR BETWEEN THE CURB STOP AND THE BUILDING.
- 11. WATER SERVICE FITTINGS INCLUDING CORPORATION STOPS, SERVICE BOXES AND BUFFALO BOXES SHALL BE FURNISHED IN ACCORDANCE WITH LOCAL REQUIREMENTS AND SPECIFICATIONS.
- 12. SERVICE BOXES SHALL BE OF SUFFICIENT LENGTH TO PERMIT THE TOP TO BE INSTALLED FLUSH WITH THE FINISHED GRADE. EACH SERVICE BOX SHALL BE PROVIDED WITH A CAP WITH THE WORD "WATER" CAST IN THE TOP.
- 13. VALVES, VALVE BOXES OR VAULTS SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH LOCAL REQUIREMENTS.
- 14. PRESSURE CONNECTIONS TO THE EXISTING WATER MAIN SHALL BE CONSTRUCTED IN ACCORDANCE WITH LOCAL REQUIREMENTS AND SPECIFICATIONS AND SHALL INCLUDE THE INSTALLATION OF A FULL STAINLESS STEEL TAPPING SADDLE.
- 15. VALVE VAULTS SHALL HAVE A MINIMUM DIAMETER OF FIVE (5) FEET BELOW THE PRECAST CONCRETE CONE SECTION. THE VAULTS SHALL BE CONSTRUCTED OF PRECAST CONCRETE SECTIONS AND SHALL CONFORM TO THE DETAILS SPECIFIED ON THE PLANS. ALL VALVE VAULTS SHALL BE LEAK PROOF.
- 16. TEMPORARY CONNECTIONS FOR CONSTRUCTION PURPOSES TO NEWLY INSTALLED OR EXISTING WATER MAINS SHALL BE MADE AND METERED IN ACCORDANCE WITH LOCAL REQUIREMENTS.
- 17. REQUIRED RIM ADJUSTMENTS SHALL BE MADE WITH PRECAST CONCRETE ADJUSTING RINGS NOT TO EXCEED A MAXIMUM OF EIGHT (8) INCHES IN OVERALL HEIGHT. BUTYL ROPE JOINT SEALANT SHALL BE USED ON ALL JOINTS BETWEEN THE PRECAST ELEMENTS.
- 18. BENDS ON 4" AND GREATER WATER LINES SHALL BE PROVIDED WITH RESTRAINED JOINTS. (MEGALUG SERIES 2000 OR APPROVED EQUAL)

STORM SEWER NOTES:

- 1. ALL STORM SEWER CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE NOTES IN THE PLANS AND THE STANDARDS. SPECIFICATIONS. CODES AND ORDINANCES OF THE LOCAL GOVERNING AUTHORITIES. IN CASE OF CONFLICT, THE MORE STRINGENT CODE SHALL TAKE PRECEDENCE.
- 2. STORM SEWER PIPE AND STRUCTURES SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH LOCAL REQUIREMENTS AND SPECIFICATIONS.
- 3. RCP STORM SEWER PIPE 12" IN DIAMETER AND LARGER SHALL BE REINFORCED CONCRETE PIPE, CLASS IV. PER ASTM C76 WITH FLEXIBLE (O-RING) GASKET JOINTS IN CONFORMANCE WITH ASTM C443.
- 4. HDPE STORM SEWER PIPE SHALL BE HIGH DENSITY POLYETHYLENE PIPE PER ASTM F2306 WITH WATERTIGHT JOINTS CONFORMING TO ASTM D3212.
- 5. PVC STORM SEWER PIPE SHALL BE POLYVINYL CHLORIDE SDR 35 PIPE PER ASTM D3034 FOR PIPE SIZES 6" THROUGH 15" WITH WATERTIGHT JOINTS CONFORMING TO ASTM D3212, UNLESS OTHERWISE NOTED.
- 6. STORM SEWER TRENCH EXCAVATIONS AND PIPE FOUNDATION, BEDDING AND HAUNCHING SHALL BE CONSTRUCTED IN ACCORDANCE WITH LOCAL REQUIREMENTS AND SPECIFICATIONS.
- 6.1. STORM SEWERS MUST BE PLACED ON PROPERLY COMPACTED STONE BEDDING. PIPE BEDDING MATERIAL SHALL BE A MINIMUM OF FOUR (4) INCHES THICK UNDER THE BARREL OF THE PIPE AND FOR PVC PIPE, MATERIAL SHALL BE EXTENDED A MINIMUM OF 12" OVER THE TOP OF THE PIPE PER ASTM D2321. PIPE BEDDING MATERIAL SHALL BE CRUSHED GRAVEL OR STONE MEETING LOCAL STANDARD GRADATIONS.
- TRENCH BACKFILL MATERIAL SHALL BE PLACED AND COMPACTED TO A 6.2. MINIMUM OF 98% STANDARD PROCTOR MAXIMUM DRY DENSITY, PER ASTM D698, OVER ALL STORM SEWERS WHICH ARE CONSTRUCTED UNDER, OR WITHIN TWO (2) FEET OF, ANY PROPOSED OR EXISTING PAVEMENT, PARKING LOTS OR SIDEWALKS.
- TRENCH BACKFILL MATERIAL SHALL BE PLACED AND COMPACTED TO A 6.3. MINIMUM OF 95% STANDARD PROCTOR MAXIMUM DRY DENSITY, PER ASTM D698, OVER ALL STORM SEWERS WHICH ARE CONSTRUCTED UNDER PROPOSED LAWN OR LANDSCAPED AREAS.
- 7. REQUIRED STORM STRUCTURE RIM ADJUSTMENTS SHALL BE MADE WITH PRECAST CONCRETE ADJUSTING RINGS NOT TO EXCEED A MAXIMUM OF EIGHT (8) INCHES IN OVERALL HEIGHT. BUTYLROPE JOINT SEALANT SHALL BE USED ON ALL JOINTS BETWEEN THE PRECAST ELEMENTS.
- FIELD TILE ENCOUNTERED DURING CONSTRUCTION OPERATIONS SHALL BE CONNECTED TO THE PROPOSED STORM SEWER SYSTEM OR EXTENDED TO OUTLET INTO A PROPOSED DRAINAGE WAY. IF THIS CANNOT BE ACCOMPLISHED, THEN IT SHALL BE REPAIRED WITH NEW PIPE OF SIMILAR SIZE AND MATERIAL TO THE ORIGINAL LINE AND PUT IN ACCEPTABLE OPERATING CONDITION. A RECORD OF THE LOCATION OF ALL FIELD TILE OR DRAIN PIPE ENCOUNTERED SHALL BE KEPT BY THE CONTRACTOR AND TURNED OVER TO THE OWNER AND/OR ENGINEER UPON COMPLETION OF THE PROJECT AND ACCURATELY SHOWN ON THE RECORD DRAWINGS.

EXISTING LEGEND:

\bigcirc	HARRISON/BERNTSEN MONUME
Ċ	SANITARY MANHOLE
	SANITARY CLEANOUT
\square	HOLDING TANK
	STORM MANHOLE
EI 🕀	STORM CATCH BASIN
\sim	CULVERT
\bigcirc	WATER VALVE
-Ó-	FIRE HYDRANT
	POWER POLE
$\langle \cdot \rangle$	DOWN GUY
Ň	GAS VALVE
M	GAS METER
Ē	ELECTRICAL PEDESTAL
	TELEPHONE PEDESTAL
Ø	LIGHT
	GROUND LIGHT
	SIGN
63	TREE
	UNDERGROUND ELECTRIC
GAS	UNDERGROUND NATURAL GAS
SAN>	UNDERGROUND SEWER
saanaannoo maxaanaan maanaanaa maanaanaa	UNDERGROUND STORM DRAIN
	UNDERGROUND WATER LINE

SANITARY SEWER NOTES:

ENT FOUND

- 1. ALL SANITARY SEWER CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE NOTES IN THE PLANS AND THE STANDARDS, SPECIFICATIONS, CODES AND ORDINANCES OF THE LOCAL GOVERNING AUTHORITIES. IN CASE OF CONFLICT. THE MORE STRINGENT CODE SHALL TAKE PRECEDENCE.
- 2. ALL SANITARY SEWER PIPE AND STRUCTURES SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH LOCAL REQUIREMENTS AND SPECIFICATIONS.
- 3. ALL SANITARY SEWER PIPE SHALL BE POLYVINYL CHLORIDE (PVC) SDR 35 PIPE PER ASTM D3034 FOR PIPE SIZES 6"-15" WITH WATERTIGHT JOINTS CONFORMING TO ASTM D3212, UNLESS OTHERWISE NOTED.
- 3.1. WHERE SANITARY SEWER PIPE IS NOTED AS PVC C900, THE PIPE SHALL BE IN ACCORDANCE WITH AMERICAN WATER WORKS ASSOCIATION (AWWA) C900 WITH WATERTIGHT, PRESSURE RATED JOINTS CONFORMING TO ASTM D3139.
- 4. SANITARY SEWER CONSTRUCTION SHALL COMMENCE AT THE EXISTING MANHOLE(S) AND/OR CONNECTION POINT(S) INDICATED ON THE PLANS.
- 4.1. A WATERTIGHT PLUG SHALL BE INSTALLED AND LEFT IN PLACE AT THE POINT OF COMMENCEMENT UNTIL THE REMAINDER OF THE PROPOSED SEWERS HAVE BEEN CONSTRUCTED, PROPERLY TESTED AND DEEMED READY FOR FINAL ACCEPTANCE.
- 5. ALL SANITARY SEWER TRENCH EXCAVATIONS AND PIPE FOUNDATION, BEDDING AND HAUNCHING SHALL BE CONSTRUCTED IN ACCORDANCE WITH LOCAL REQUIREMENTS AND SPECIFICATIONS.
- 5.1. ALL SANITARY SEWERS MUST BE PLACED ON PROPERLY COMPACTED STONE BEDDING. PIPE BEDDING MATERIAL SHALL BE A MINIMUM OF FOUR (4) INCHES THICK UNDER THE BARREL OF THE PIPE AND FOR PVC PIPE, MATERIAL SHALL BE EXTENDED A MINIMUM OF 12" OVER THE TOP OF THE PIPE PER ASTM D2321. PIPE BEDDING MATERIAL SHALL BE CRUSHED GRAVEL OR STONE MEETING LOCAL STANDARD GRADATIONS.
- 5.2. TRENCH BACKFILL MATERIAL SHALL BE PLACED AND COMPACTED TO A MINIMUM OF 98% STANDARD PROCTOR MAXIMUM DRY DENSITY, PER ASTM D698, OVER ALL SANITARY SEWERS WHICH ARE CONSTRUCTED UNDER, OR WITHIN TWO (2) FEET OF, ANY PROPOSED OR EXISTING PAVEMENT, PARKING LOTS OR SIDEWALKS.
- 5.3. TRENCH BACKFILL MATERIAL SHALL BE PLACED AND COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR MAXIMUM DRY DENSITY. PER ASTM D698, OVER ALL STORM SEWERS WHICH ARE CONSTRUCTED UNDER PROPOSED LAWN OR LANDSCAPED AREAS.
- 6. THE CONTRACTOR IS REQUIRED TO RECORD THE LOCATION OF ALL SEWERS AND FURNISH THE INFORMATION TO THE PROJECT ENGINEER AND/OR OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL LOCATE ALL SEWERS BY MEASUREMENTS TO LOT CORNERS OR OTHER PERMANENT SITE FEATURE AND SHALL FURNISH A COPY OF SUCH LOCATIONS TO THE PROJECT ENGINEER AND/OR OWNER'S REPRESENTATIVE UPON PROJECT COMPLETION. THIS INFORMATION SHALL ALSO INCLUDE THE DEPTH OF EACH SEWER. IF THE CONTRACTOR FAILS TO PROPERLY LOCATE ANY SEWER, HE SHALL BE RESPONSIBLE FOR ALL COSTS WHICH ARE INCURRED AS A RESULT OF THE IMPROPERLY LOCATED UTILITIES.
- SANITARY SEWER MANHOLES SHALL BE PRECAST CONCRETE AND SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH THE DETAILS IN THE PLANS.
- 7.3. A FLEXIBLE TYPE JOINT SHALL BE FURNISHED AT POINTS OF ENTRY INTO AND EXITING FROM MANHOLE STRUCTURES AND SHALL BE OF A DESIGN APPROVED BY THE ENGINEER PRIOR TO INSTALLATION. THIS FLEXIBLE JOINT MAY CONSIST OF A SLEEVE OF HIGH QUALITY SYNTHETIC RUBBER WITH A SUBSTANTIAL SERRATED FLANGE WHICH IS CAST DIRECTLY INTO THE WALL OF THE MANHOLE BASE TO FORM A WATERTIGHT SEAL AND PROTRUDES OUTSIDE OF THE MANHOLE WALL TO CONNECT WITH THE PIPE ENTERING/EXITING THE MANHOLE WHEN THIS TYPE OF FLEXIBLE JOINT IS USED, THE SLEEVE SHALL SLIP OVER THE END OF THE PIPE ADJACENT TO THE MANHOLE BASE AND SHALL BE SECURED BY MEANS OF A STAINLESS STEEL STRAP CLAMP EQUIPPED WITH A DRAW BOLT AND NUT.
- 8. REQUIRED MANHOLE RIM ADJUSTMENTS SHALL BE MADE WITH PRECAST CONCRETE ADJUSTING RINGS NOT TO EXCEED A MAXIMUM OF EIGHT (8) INCHES IN OVERALL HEIGHT. A MAXIMUM OF TWO (2) ADJUSTING RINGS ARE ALLOWED. BUTYLROPE JOINT SEALANT SHALL BE USED ON ALL JOINTS BETWEEN THE PRECAST ELEMENTS.
- 9. AFTER FINAL ADJUSTMENTS HAVE BEEN MADE, ALL JOINTS IN PRECAST STRUCTURES SHALL BE MORTARED. THE MORTAR SHALL BE COMPOSED OF ONE (1) PART CEMENT TO THREE (3) PARTS SAND, BY VOLUME, BASED ON DRY MATERIALS. AND SHALL BE THOROUGHLY WETTED BEFORE LAYING.
- 10. WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR MANHOLE, THE FOLLOWING METHOD SHALL BE USED:
- 10.1. CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS ('SEWER-TAP' MACHINE OR SIMILAR) AND PROPER INSTALLATION OF HUB-WYE SADDLE OR HUB-TEE SADDLE.
- 11. UPON COMPLETION OF THE SANITARY SEWER CONSTRUCTION, INCLUDING THE SERVICE LINES, ALL SEWERS SHALL BE TESTED IN ACCORDANCE WITH SECTIONS LOCAL REQUIREMENTS AND SPECIFICATIONS AND SHALL BE WIT

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PROJECT TEAM

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ISSUE/I	REVISION RECORD
DATE	DESCRIPTION
02/19/16	REVIEW SET
03/21/16	CITY SUBMITTAL
04/29/16	CITY RESUBMITTAL
05/04/16	CITY RESUBMITTAL
06/01/16	CONSTRUCTION PLANS
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PAUL PHILLIPS	
LICENSE NO.	

GB REAL ESTATE INVESTMENTS

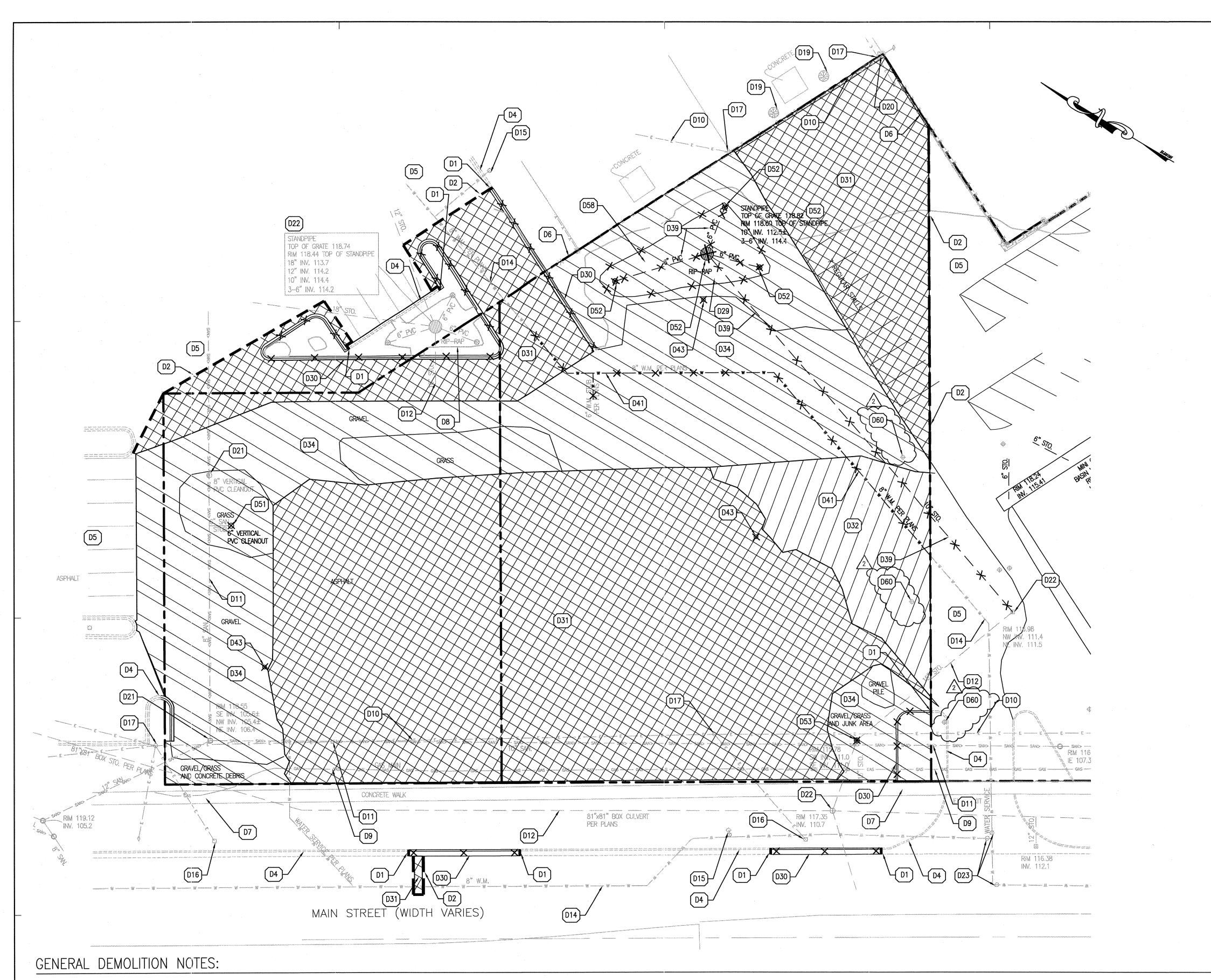
GREEN BAY WISCONSIN

1923 AND 1937 MAIN STREET

PROJECT NUMBER 201509550

SHEET TITLE GENERAL NOTES

SHEET NUMBER



- CONTRACTOR SHALL CONTACT STATE ONE CALL SYSTEM (811) AND/OR PRIVATE LOCATING SERVICE TO LOCATE ALL UNDERGROUND UTILITY LINES PRIOR TO STARTING ANY DEMOLITION AND/OR EXCAVATION. EXACT LOCATIONS OF ANY EXISTING ELECTRIC, GAS, TELEPHONE, ETC. LINES ARE UNKNOWN.
- 2. CONTRACTOR SHALL PERFORM ALL DEMOLITION WORK IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REQUIREMENTS.
- 3. CONTRACTOR SHALL OBTAIN ALL NECESSARY DEMOLITION PERMITS AND COORDINATE ALL DEMOLITION WORK WITH THE MUNICIPALITY AND OWNERS REPRESENTATIVE TO ENSURE PROTECTION AND MAINTENANCE OF EXISTING SITE FEATURES NOT NOTED FOR REMOVAL.
- 4. ALL EROSION AND SEDIMENTATION CONTROL MEASURES AND DEVICES SHALL BE INSTALLED AND FUNCTIONAL BEFORE THE SITE IS OTHERWISE DISTURBED. THEY SHALL BE KEPT OPERATIONAL AND MAINTAINED CONTINUOUSLY THROUGHOUT THE PERIOD OF LAND DISTURBANCE UNTIL PERMANENT SITE STABILIZATION HAS BEEN ACHIEVED (SEE STORMWATER POLLUTION PREVENTION PLAN FOR ADDITIONAL INFORMATION AND DETAILS).
- 5. THE PURPOSE OF THIS DRAWING IS TO CONVEY THE OVERALL SCOPE OF DEMOLITION WORK AND IT IS NOT INTENDED TO COVER ALL DETAILS OR SPECIFICATIONS REQUIRED TO COMPLY WITH GENERALLY ACCEPTED DEMOLITION PRACTICES. CONTRACTOR SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH THE SITE, SCOPE OF WORK. AND ALL EXISTING CONDITIONS AT THE JOB SITE PRIOR TO BIDDING AND COMMENCING THE WORK. THE DEMOLITION CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR MEANS, METHODS, TECHNIQUES, OR PROCEDURES USED TO COMPLETE THE WORK IN ACCORDANCE: WITH THE CONSTRUCTION DOCUMENTS

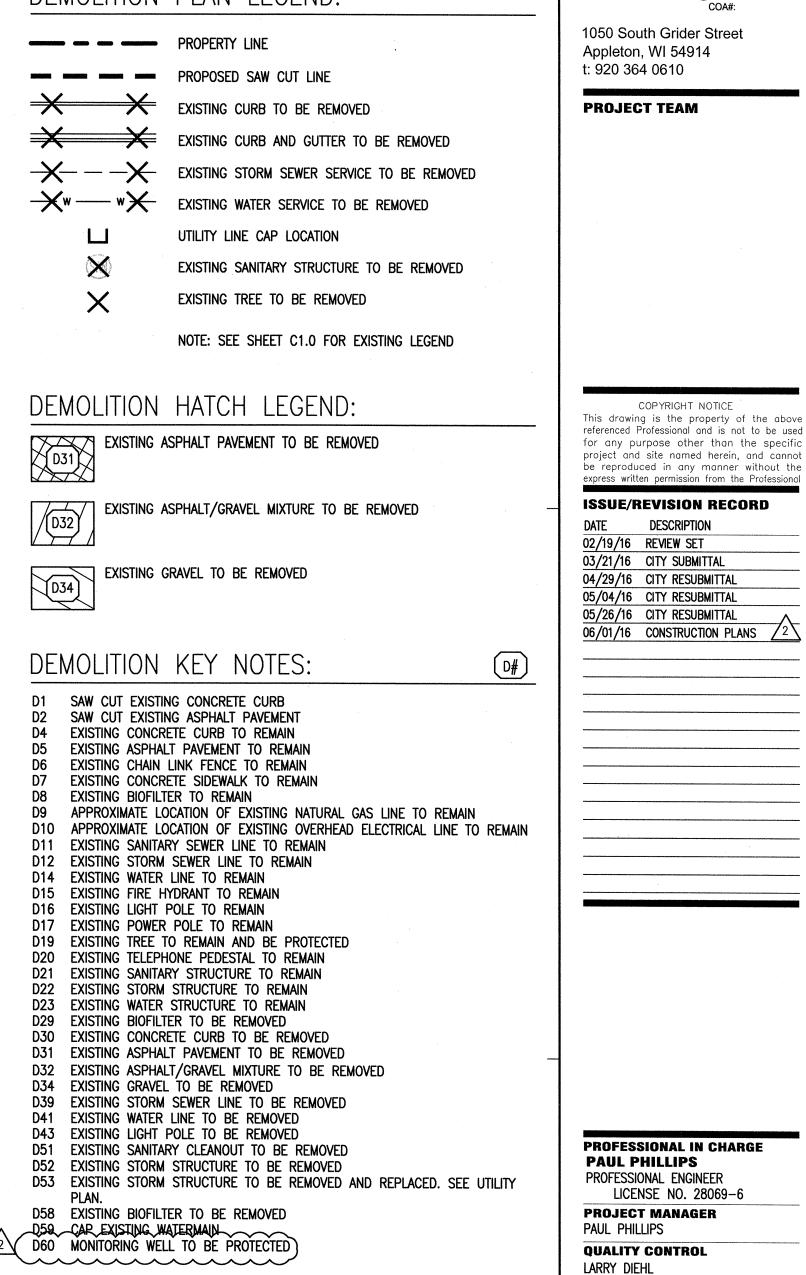
- AND IS LIABLE FOR THE SAFETY OF THE PUBLIC AND CONTRACTOR'S EMPLOYEES
- DURING THE COURSE OF THE PROJECT. 6. THE DEMOLITION PLAN IS INTENDED TO SHOW REMOVAL OF KNOWN SITE FEATURES AND UTILITIES AS SHOWN ON THE SURVEY PROVIDED TO THE ENGINEER FOR ADEQUATE SITE DRAINAGE. DESIGN. THERE MAY BE OTHER SITE FEATURES, UTILITIES, STRUCTURES, AND MISCELLANEOUS ITEMS BOTH BURIED AND ABOVE GROUND THAT ARE WITHIN THE 12. ALL EXISTING TREES SHOWN ARE TO REMAIN UNLESS OTHERWISE NOTED (REFER LIMITS OF WORK THAT MAY REQUIRE REMOVAL FOR THE PROPOSED SITE TO LANDSCAPE PLANS FOR ALL LANDSCAPING REMOVAL REQUIREMENTS). IMPROVEMENTS BUT THAT ARE NOT SHOWN HEREON. THE CONTRACTOR IS 13. ALL EXISTING TREES, BRUSH AND MISCELLANEOUS VEGETATION NOTED TO BE RESPONSIBLE FOR THE REMOVAL OF SUCH ITEMS AT NO ADDITIONAL COST TO THE REMOVED SHALL BE REMOVED FROM THE SITE AND DISPOSED OF BY THE OWNER.
- CONTRACTOR SHALL CONTACT THE RESPECTIVE UTILITY COMPANIES PRIOR TO COMMENCING ANY SITE DEMOLITION OPERATIONS TO COORDINATE DISCONNECTION AND REMOVAL OF EXISTING UTILITIES WITHIN THE PROPOSED AREA OF WORK. CONTRACTOR SHALL COORDINATE ANY SHUT DOWNS OF EXISTING ROADWAYS AND UTILITIES WITH THE NECESSARY GOVERNING AUTHORITIES.
- 9. ALL EXISTING BUILDINGS, FOUNDATIONS, CONCRETE OR ASPHALT PAVEMENT OR WALKS, CURB AND GUTTER AND MISCELLANEOUS STRUCTURES (INCLUDING, BUT NOT LIMITED TO FENCES, POLES, YARD LIGHTS, ELECTRICAL PANELS, WHEEL STOPS AND MISCELLANEOUS DEBRIS) NOTED TO BE REMOVED SHALL BE DEMOLISHED. REMOVED FROM THE SITE AND LEGALLY DISPOSED OF BY THE CONTRACTOR.
- 10. VOIDS LEFT BY ANY ITEM REMOVED UNDER ANY PROPOSED BUILDINGS, PAVEMENTS, OR WALKS OR WITHIN 24" THEREOF SHALL BE BACKFILLED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND GEOTECHNICAL REPORT.
- 11. AS SOON AS DEMOLITION WORK HAS BEEN COMPLETED, FINAL GRADE OF BACKFILL

- IN DEMOLITION AREAS SHALL BE COMPACTED PER THE GEOTECHNICAL REPORT TO PRESENT A NEAT, WELL DRAINED APPEARANCE, AND TO PREVENT WATER FROM DRAINING UNNECESSARILY ONTO ADJACENT PROPERTIES. CONTRACTOR SHALL PROVIDE TEMPORARY DIVERSION SWALES OR OTHER MEANS OF MAINTAINING
- CONTRACTOR (REFER TO LANDSCAPE PLANS FOR ALL LANDSCAPING REMOVAL REQUIREMENTS). 14. CONTRACTOR SHALL UTILIZE CARE WHEN WORKING NEAR EXISTING UTILITIES TO
- REMAIN. ANY DAMAGE TO EXISTING UTILITIES NOT NOTED TO BE REMOVED SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE OWNER AND/OR ENGINEER. 15. CONTRACTOR SHALL REPAIR AT HIS EXPENSE ANY DAMAGE TO EXISTING ASPHALT,
- CONCRETE, CURBS, SIDEWALKS, ETC. RESULTING FROM CONSTRUCTION TRAFFIC AND/OR OPERATIONS. REPAIRS SHALL BE MADE TO THE SATISFACTION OF THE OWNER AND/OR ENGINEER. 16. ALL FIRE ACCESS LANES WITHIN THE PROJECT AREA SHALL REMAIN IN SERVICE,
- CLEAN OF DEBRIS, AND ACCESSIBLE FOR USE BY EMERGENCY VEHICLES. 17. ALL EXISTING SANITARY SEWERS, STORM SEWERS, WATER MAINS OR IRRIGATION LINES AND APPURTENANCES NOTED FOR REMOVAL WITHIN THE AREA OF THE PROPOSED CONSTRUCTION SHALL BE REMOVED FROM THE SITE AND DISPOSED OF

BY THE CONTRACTOR. ALL ABANDONED SEWER LINES SHALL BE PLUGGED AT BOTH ENDS WITH A MINIMUM OF TWO (2) FEET LONG NON-SHRINK CONCRETE MORTAR PLUGS UNLESS OTHERWISE NOTED.

- 18. CONTRACTOR SHALL MAKE NECESSARY ARRANGEMENTS TO HAVE RECYCLABLE MATERIALS REMOVED FROM THE SITE AND RECYCLED. 19. EXISTING WATER LINE MARKED FOR REMOVAL SHALL ONLY BE REMOVED AFTER NEW
- WATER SERVICE HAS BEEN INSTALLED, TESTED, AND APPROVED. REFER TO UTILITY PLAN FOR LOCATION OF NEW WATER LINE. 20. SEE GENERAL NOTES SHEET FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

DEMOLITION PLAN LEGEND:





GRAPHIC SCALE

(IN FEET) 1 inch = 20 ft. **PROJECT NUMBER** 201509550

SHEET TITLE

DRAWN BY

PROJECT NAME

GREEN BAY

WISCONSIN

1923 AND 1937

MAIN STREET

PETIA STOYANOVA-POUHALEVA

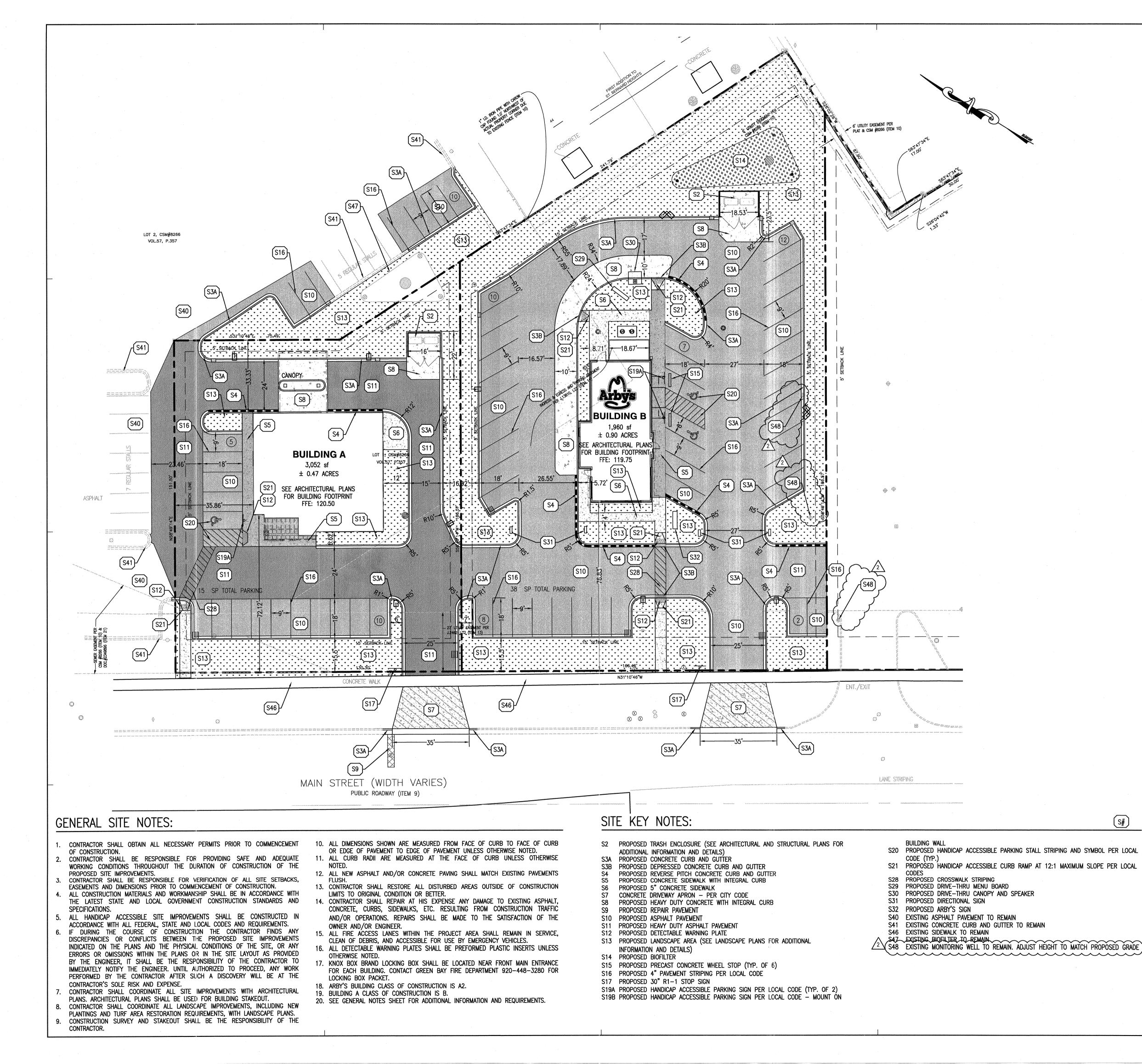
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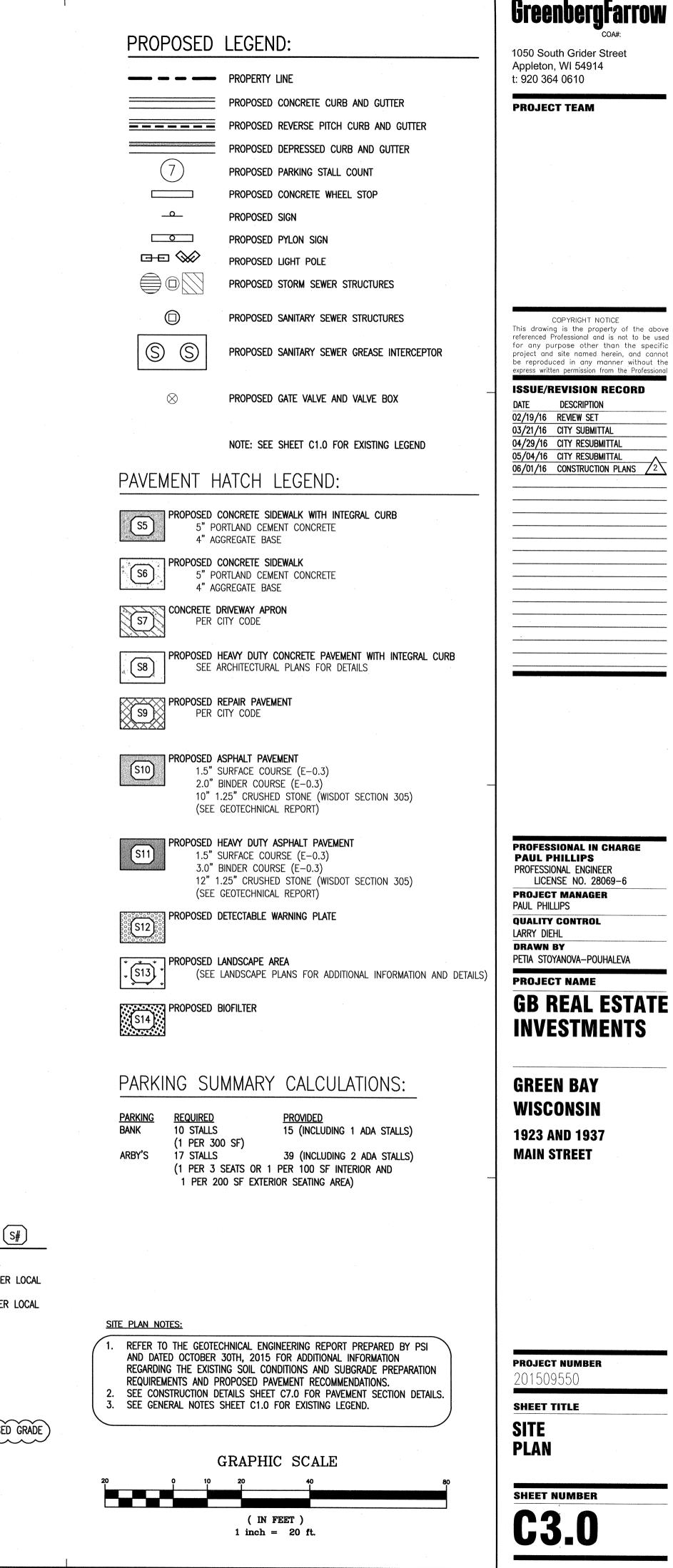
INVESTMENTS

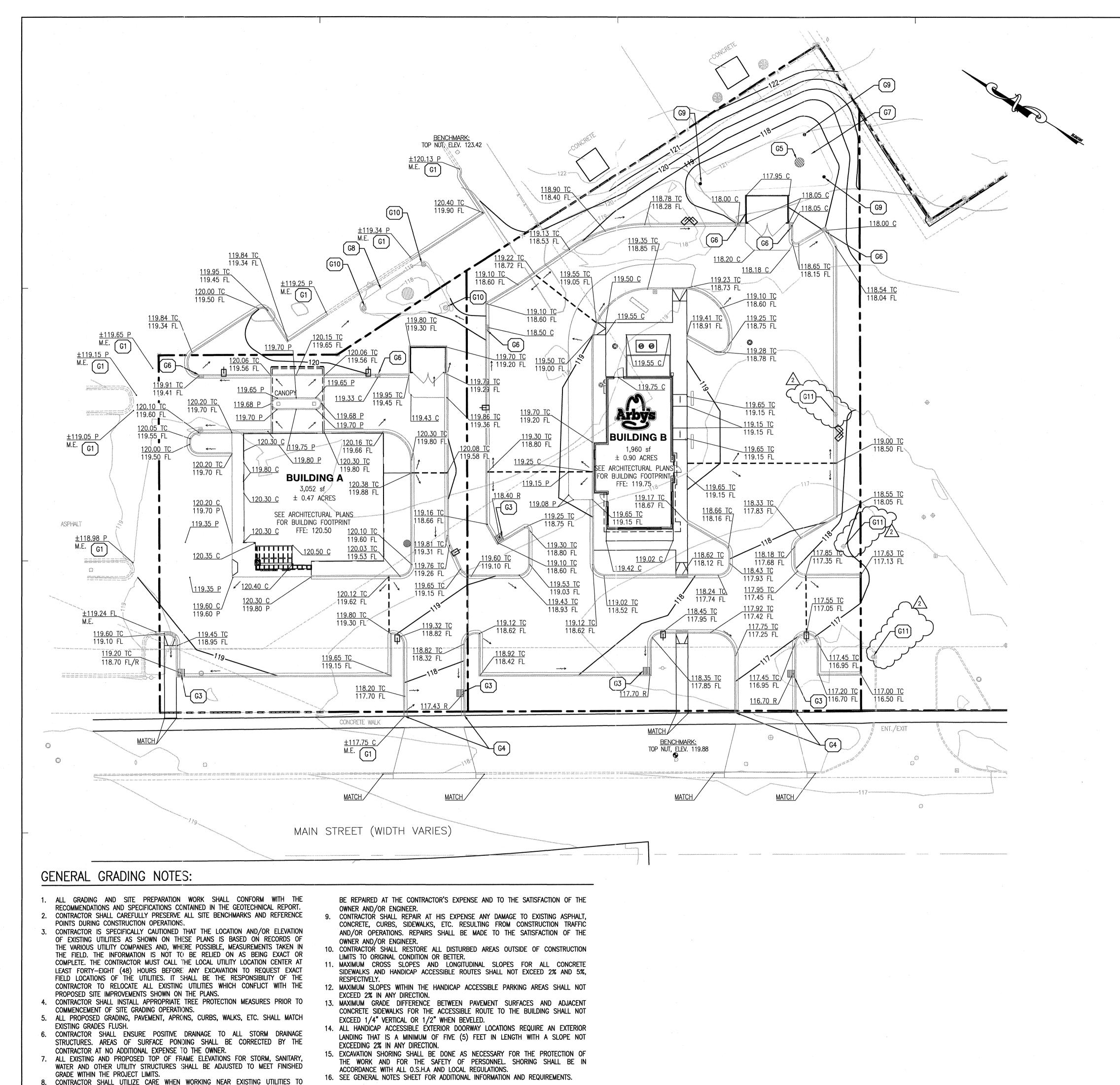
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DEMOLITION PLAN

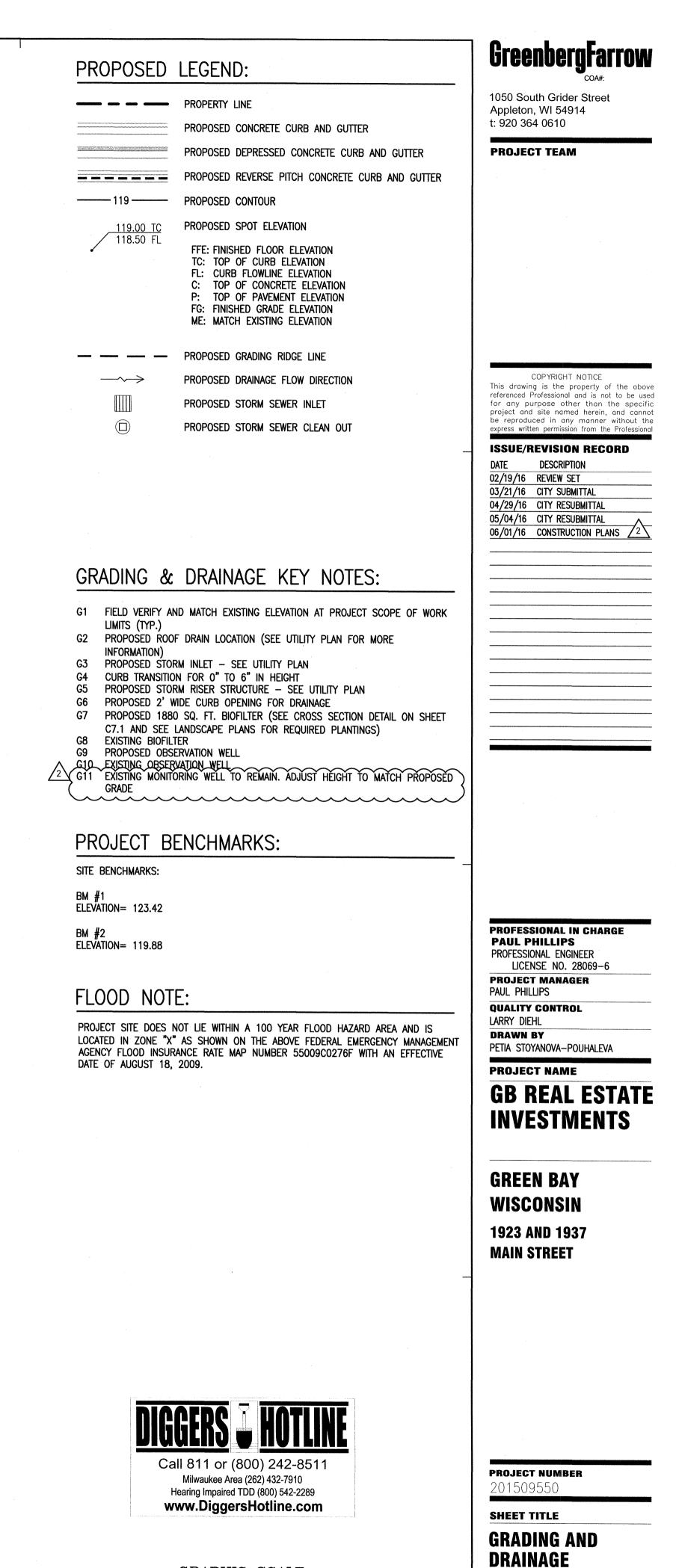








- REMAIN. ANY DAMAGE TO EXISTING UTILITIES NOT NOTED TO BE REMOVED SHALL

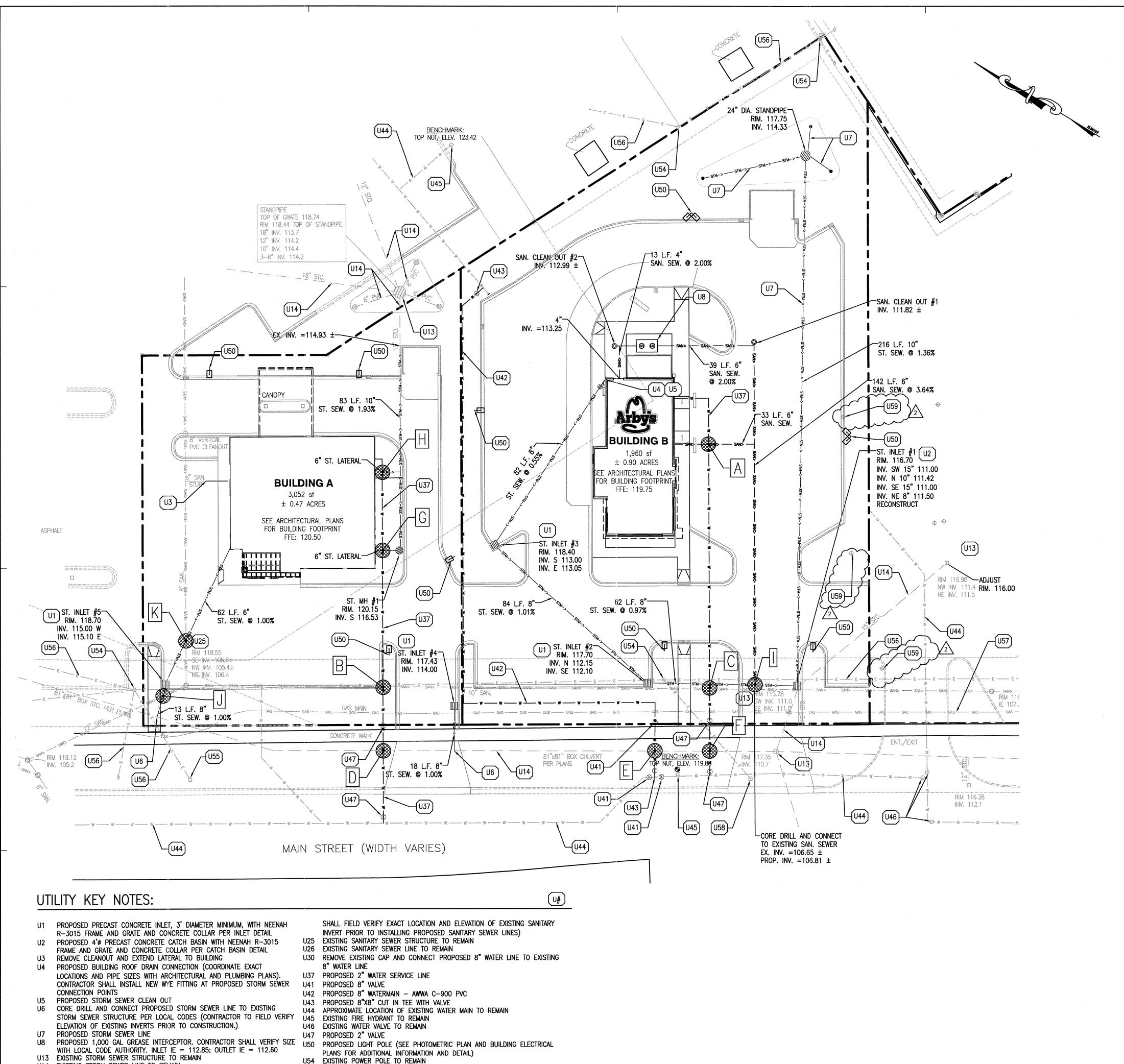


GRAPHIC SCALE (IN FEET) 1 inch = 20 ft.

SHEET NUMBER

PLAN

C4.0



U14 EXISTING STORM SEWER LINE TO REMAIN U21 PROPOSED 3,000 GALLON SANITARY SEWER GREASE INTERCEPTOR (SEE PLUMBING PLANS FOR ADDITIONAL INFORMATION AND DETAIL)

GREEN BAY PUBLIC WORKS DEPARTMENT (U59 EXISTING MONITORING WELL TO REMAIN /2)

U55 EXISTING LIGHT POLE TO REMAIN

U57 EXISTING GAS SERVICE TO REMAIN

U56 EXISTING ELECTRIC SERVICE LINE TO REMAIN

U58 EXISTING STREET LIGHT TO BE RELOCATED - COORDINATE WITH CITY OF

PROPOSED LEGEND:

	PROPERTY LINE
STM->	PROPOSED STORM SEWER
SAN>	PROPOSED SANITARY SEWER
w	PROPOSED WATER SERVICE LINE
	PROPOSED STORM SEWER INLET
	PROPOSED STORM SEWER CLEAN OUT
\bigcirc	PROPOSED SANITARY SEWER CLEAN OUT
\odot	PROPOSED SANITARY SEWER GREASE INTERCEPTOR
\otimes	PROPOSED GATE VALVE AND VALVE BOX
⊡-⊡ 🐼	PROPOSED LIGHT POLE

NOTE: SEE SHEET C1.0 FOR EXISTING LEGEND

GENERAL UTILITY NOTES:

- 1. CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST FORTY-EIGHT (48) HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED SITE IMPROVEMENTS SHOWN ON THE PLANS.
- 2. CONTRACTOR SHALL UTILIZE CARE WHEN WORKING NEAR EXISTING UTILITIES TO REMAIN. ANY DAMAGE TO EXISTING UTILITIES NOT NOTED TO BE REMOVED SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE OWNER AND/OR ENGINEER.
- CONTRACTOR SHALL EXCAVATE AND VERIFY IN FIELD ALL EXISTING UTILITY 3. LOCATIONS, SIZES, CONDITIONS AND ELEVATIONS AT PROPOSED POINTS OF CONNECTION PRIOR TO COMMENCING ANY UNDERGROUND CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER OF ANY DISCREPANCIES OR CONFLICTS PRIOR TO PROCEEDING WITH CONSTRUCTION.
- 4. ALL PROPOSED CONNECTIONS TO EXISTING UTILITY STRUCTURES OR PIPING SHALL BE IN ACCORDANCE WITH THE APPLICABLE GOVERNING AUTHORITY REQUIREMENTS AND SPECIFICATIONS. CONTRACTOR SHALL CONTINUOUSLY MAINTAIN ALL EXISTING SEWER SYSTEMS DURING 5.
- CONSTRUCTION OPERATIONS AS NECESSARY TO PREVENT SILT OR DEBRIS ACCUMULATION. 6. SEE THE GENERAL NOTES SHEET FOR ADDITIONAL INFORMATION AND REQUIREMENTS
- INCLUDING ALL PIPE MATERIAL AND JOINT SPECIFICATIONS.

UTILITY CROSSINGS:

- A TOP OF PROPOSED 6" SANITARY SEWER = $110.8' \pm$ BOTTOM OF PROPOSED 2" WATER =111.8' ± VERTICAL SEPARATION = $1.0' \pm$
- TOP OF EXISTING 10" SANITARY SEWER = $106.8' \pm$ BOTTOM OF PROPOSED 2" WATER =112.8' ± VERTICAL SEPARATION = $6.0^{\circ} \pm$
- C TOP OF EXISTING 10" SANITARY SEWER = 107.3' ± BOTTOM OF PROPOSED 2" WATER =110.6' ± VERTICAL SEPARATION = $3.3' \pm$
- D TOP OF PROPOSED 2" WATER = $108.5' \pm$ BOTTOM OF EXISTING 84" STORM SEWER =110.0' ± VERTICAL SEPARATION = $1.5' \pm$
- E TOP OF PROPOSED 8" WATER =109.0' ± BOTTOM OF EXISTING 84" STORM SEWER =110.5' ± VERTICAL SEPARATION = $1.5' \pm$
- TOP OF PROPOSED 2" WATER =109.0' ± F BOTTOM OF EXISTING 84" STORM SEWER =110.6' ± VERTICAL SEPARATION = $1.6' \pm$
- G TOP OF PROPOSED 2" WATER =113.7' ± BOTTOM OF PROPOSED 6" STORM SEWER =116.6' ± VERTICAL SEPARATION = $2.9' \pm$
- H TOP OF PROPOSED 2" WATER =113.7' ± BOTTOM OF PROPOSED 6" STORM SEWER =116.0' ± VERTICAL SEPARATION = $2.3' \pm$
- TOP OF PROPOSED 6" SANITARY SEWER = 107.4' ± BOTTOM OF PROPOSED 8" STORM SEWER =111.6' ± VERTICAL SEPARATION = $4.2' \pm$
- J TOP OF EXISTING 12" SANITARY SEWER = $106.4' \pm$ BOTTOM OF PROPOSED 8" STORM SEWER =114.9' ± VERTICAL SEPARATION = $8.5' \pm$
- K TOP OF EXISTING 8" SANITARY SEWER = 107.7' ± BOTTOM OF PROPOSED 6" STORM SEWER =115.3' ± VERTICAL SEPARATION = $7.6' \pm$



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(IN FEET) 1 inch = 30 ft.

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ISSUE/REVISION RECORD

DESCRIPTION

06/01/16 CONSTRUCTION PLANS 2^{2}

02/19/16 REVIEW SET

03/21/16 CITY SUBMITTA

04/29/16 CITY RESUBMITTAL

05/04/16 CITY RESUBMITTAL

DATE

GreenbergFarrow

1050 South Grider Street Appleton, WI 54914 t: 920 364 0610

PROJECT TEAM

PROFESSIONAL IN CHARGE PAUL PHILLIPS PROFESSIONAL ENGINEER LICENSE NO. 28069-6 PROJECT MANAGER PAUL PHILLIPS **QUALITY CONTROL** LARRY DIEHL DRAWN BY PETIA STOYANOVA-POUHALEVA

PROJECT NAME

GB REAL ESTATE INVESTMENTS

GREEN BAY WISCONSIN

1923 AND 1937 **MAIN STREET**

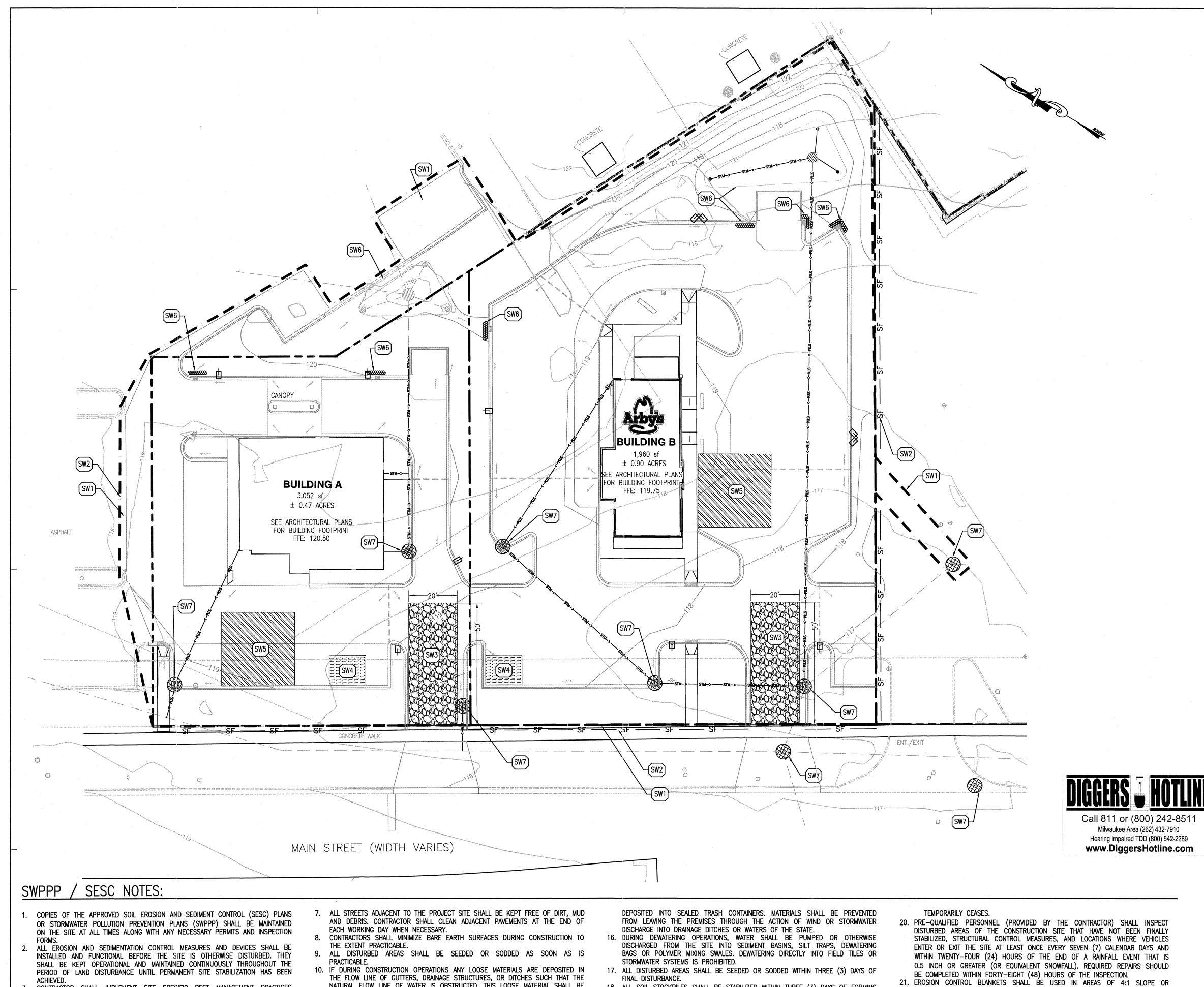
SHEET TITLE UTILITY PLAN

PROJECT NUMBER

201509550

SHEET NUMBER **C5.0**

U23 PROPOSED SANITARY SEWER CLEANOUT U24 CONNECT PROPOSED 6" SANITARY SEWER TO EXISTING 12" SANITARY SEWER WITH NEW INSERT TEE AND RISER SECTION PER LOCAL CODES (CONTRACTOR



- CONTRACTOR SHALL IMPLEMENT SITE SPECIFIC BEST MANAGEMENT PRACTICES (BMPS) AS SHOWN AND REQUIRED BY THE SWPPP/SESC. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED BY THE CONTRACTOR AS DICTATED BY SITE CONDITIONS OR THE PROJECT GOVERNING AUTHORITIES AT NO ADDITIONAL COST TO THE OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION. ALL BEST MANAGEMENT PRACTICES AND CONTROLS SHALL CONFORM TO THE APPLICABLE FEDERAL, STATE, OR LOCAL REQUIREMENTS, STANDARDS, AND
- SPECIFICATIONS OR MANUAL OF PRACTICE. 5. IF AFTER REPEATED FAILURE ON THE PART OF THE CONTRACTOR TO PROPERLY CONTROL SOIL EROSION, SEDIMENT AND/OR POLLUTION FROM THE PROJECT SITE,
- THE GOVERNING AUTHORITIES RESERVE THE RIGHT TO EFFECT NECESSARY CORRECTIVE MEASURES AND CHARGE ANY COSTS TO THE CONTRACTOR. INLET PROTECTION SHALL BE INSTALLED AROUND EACH INLET OR CATCH BASIN
- WITHIN THE VICINITY OF THE DISTURBED AREA LIMITS AS SHOWN ON THE PLANS. THESE SHALL BE MAINTAINED UNTIL THE TRIBUTARY DRAINAGE AREAS HAVE ADEQUATE GRASS COVER AND/OR APPROPRIATE GROUND STABILIZATION.
- NATURAL FLOW LINE OF WATER IS OBSTRUCTED, THIS LOOSE MATERIAL SHALL BE REMOVED. 11. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY EXISTING STORM
- DRAINAGE SYSTEMS BY THE USE OF INLET PROTECTION OR OTHER APPROVED FUNCTIONAL METHODS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING SEDIMENT RESULTING FROM CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS PROJECT.
- 12. CONSTRUCTION ACCESS POINTS TO THE SITE SHALL BE PROTECTED IN SUCH A WAY AS TO PREVENT TRACKING OF MUD OR SOIL ONTO PUBLIC THOROUGHFARES. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC
- RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY BY THE CONTRACTOR. 13. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL
- OR CHEMICAL SPILLS AND LEAKS. 14. DUST SHALL BE ADEQUATELY CONTROLLED ON THE PROJECT SITE AT ALL TIMES DURING CONSTRUCTION.
- 15. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE

- 18. ALL SOIL STOCKPILES SHALL BE STABILIZED WITHIN THREE (3) DAYS OF FORMING THE STOCKPILE.
- 19. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN SEVEN (7) DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED AS FOLLOWS:
- 19.1. WHEN THE INITIATION OF STABILIZATION MEASURES BY THE 7TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE.
- 19.2. WHEN CONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN 14 DAYS FROM WHEN ACTIVITIES CEASED (I..E. THE TOTAL TIME PERIOD THAT CONSTRUCTION ACTIVITY IS TEMPORARILY CEASED IS LESS THAN 14 DAYS), THEN STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE BY THE 7TH DAY AFTER CONSTRUCTION ACTIVITY

- 20. PRE-QUALIFIED PERSONNEL (PROVIDED BY THE CONTRACTOR) SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS WITHIN TWENTY-FOUR (24) HOURS OF THE END OF A RAINFALL EVENT TH/ 0.5 INCH OR GREATER (OR EQUIVALENT SNOWFALL). REQUIRED REPAIRS SH
- 21. EROSION CONTROL BLANKETS SHALL BE USED IN AREAS OF 4:1 SLOPI STEEPER.
- 22. ALL TEMPORARY EROSION CONTROL AND SEDIMENT CONTROL MEASURES SHAL REMOVED THIRTY (30) DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHALL BE PROPERLY STABILIZED OR DISPOSED OF OFF SITE BY THE CONTRACTOR.
- 23. PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES IN AREAS OTHER THAN THOSE INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO ADDITIONAL PHASES OF DEVELOPMENT AND OFF-SITE BORROW OR WASTE AREAS) A SUPPLEMENTARY STORM WATER POLLUTION PREVENTION PLAN SHALL BE SUBMITTED TO THE OWNER AND ENGINEER FOR REVIEW.
- 24. ALL CONSTRUCTION VEHICLE TRAFFIC MUST REMAIN WITHIN THE LIMITS OF CONSTRUCTION.

PROPOSED LEGEND:

	PROPERTY LINE
	PROPOSED CONTOUR
	LAND DISTURBANCE LIMITS (SEE DISTURBED AREA TABLE)
SF	PROPOSED SILT FENCE
\bigoplus	PROPOSED INLET PROTECTION INSERT
SW3B	PROPOSED STABILIZED CONSTRUCTION ENTRANCE
11 (SW4)11 11 (SW4)11 11 11 11	PROPOSED CONCRETE WASHOUT (SUGGESTED LOCATION)
SW5	PROPOSED CONTRACTOR STAGING AREA (SUGGESTED LOCATION)
	PROPOSED PROPOSED STRAW WATTLE
alanuari sonoraana sanaayasaa iyoonoosoo	PROPOSED GRADING RIDGE LINE
onaronat te, pravidity	PROPOSED DRAINAGE FLOW DIRECTION
	PROPOSED STORM SEWER STRUCTURES

SWPPP KEY NOTES:

- SW1 PROPOSED PROJECT LAND DISTURBANCE LIMITS
- SW2 PROPOSED SILT FENCE SW3 PROPOSED STABILIZED CONSTRUCTION ENTRANCE
- SW4 PROPOSED CONCRETE WASHOUT WITH MINIMUM 30-MIL POLYETHYLENE LINING AND LOCATION SIGNAGE

SW#

- SW5 PROPOSED CONTRACTOR STAGING AREA INCLUDING MATERIALS STORAGE, COVERED TRASH DUMPSTER, AND PORTABLE TOILET FACILITIES
- SW6 PROPOSED STRAW WATTLE
- SW7 PROPOSED INLET PROTECTION

SWPPP/SESC CONSTRUCTION SCHEDULE:

- OBTAIN ALL APPLICABLE SITE PERMITS AND THOROUGHLY REVIEW PROJECT'S EROSION CONTROL PLAN PRIOR TO COMMENCEMENT OF CONSTRUCTION OPERATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND UPDATING THE SWPPP/SESC THROUGHOUT THE DURATION OF CONSTRUCTION AS NECESSARY UNTIL FINAL SITE STABILIZATION IS ACHIEVED.
- 2. INSTALL PERIMETER SEDIMENT CONTROL MEASURES (I.E. SILT FENCE AND STABILIZED CONSTRUCTION ENTRANCE). 3. INSTALL INLET PROTECTION DEVICES FOR EXISTING STORM SEWER INLETS AND
- DRAINAGE STRUCTURES. 4. EXCAVATE PROPOSED BIOFILTER AREA TO SERVE AS SEDIMENT BASIN.
- 5. PERFORM SITE INSPECTIONS ON A WEEKLY BASIS AND WITHIN TWENTY-FOUR (24) HOURS OF THE END OF A RAINFALL EVENT THAT IS 0.5 INCH OR GREATER (OR EQUIVALENT SNOWFALL). AT A MINIMUM, THE INSPECTIONS SHALL INCLUDE THE DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED, ALL STRUCTURAL CONTROL MEASURES, LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE, AND ANY ADDITIONAL BEST MANAGEMENT PRACTICES IDENTIFIED IN THE SWPPP/SESC.
- 5.1. ALL SITE EROSION AND SEDIMENT CONTROL MEASURES AND BEST MANAGEMENT PRACTICES SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND SHALL BE CONTINUOUSLY MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION. CONTRACTOR SHALL MAKE AND COMPLETE THE REQUIRED REPAIRS WITHIN FORTY-EIGHT (48) HOURS OF THE INSPECTION.
- 5.2. CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL STRUCTURAL CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE SITE INSPECTIONS. 6. INSTALL NEW STORM SEWERS AND OTHER SITE UTILITIES AS INDICATED ON THE
- PLANS. 7. PROVIDE TEMPORARY SEEDING AND/OR MULCHING FOR ALL DISTURBED SITE
- AREAS THAT WILL NOT BE WORKED ON FOR MORE THAN FOURTEEN (14) DAYS. 8. INSTALL TEMPORARY CONCRETE WASHOUT FACILITY PRIOR TO COMMENCEMENT
- OF ANY CONCRETE WORK ON SITE.
- 9. INSTALL CURBS AND BEGIN SITE PAVING OPERATIONS (I.E. DRIVEWAYS, SIDEWALKS, ETC.) 10. PERFORM STREET CLEANING OPERATIONS AND OTHER BEST MANAGEMENT
- PRACTICES AS NEEDED FOR AREAS ADJACENT TO THE PROJECT SITE. 11. INSTALL BUILDING FOUNDATION AND COMPLETE BUILDING CONSTRUCTION AND REMAINING SITE IMPROVEMENTS.
- 12. REMOVE ALL TEMPORARY SITE EROSION AND SEDIMENT CONTROL MEASURES WITHIN THIRTY (30) DAYS OF FINAL SITE STABILIZATION ONCE PERMANENT STABILIZATION OF THE ENTIRE SITE HAS BEEN COMPLETED AND ALL GROUND COVER IS ESTABLISHED.

DISTURBED SITE AREA TABLE:

BANK			
OTAL	DISTURBED	AREA:	

TOTAL [

DISTURBED AREA:	20,702 SQ. FT. / 0.48 ACRES
IMPERVIOUS AREA: PERVIOUS AREA:	15,804 SQ. FT. / 0.36 ACRES 4,898 SQ. FT. / 0.12 ACRES
ARBY'S	
DISTURBED AREA:	39,582 SQ. FT. / 0.91 ACRES
IMPERVIOUS AREA: PERVIOUS AREA:	26,669 SQ. FT. / 0.61 ACRES 12,913 SQ. FT. / 0.30 ACRES

S /	AND	
IAT	IS	
HOULD		
Έ	OR	
LL	BE	
D	OR	

(IN FEET)

1 inch = 30 ft

GRAPHIC SCALE

GreenbergFarrow

1050 South Grider Street Appleton, WI 54914 t: 920 364 0610

PROJECT TEAM

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ISSUE/F	REVISION RECORD
DATE	DESCRIPTION
02/19/16	REVIEW SET
03/21/16	CITY SUBMITTAL
04/29/16	CITY RESUBMITTAL
05/04/16	CITY RESUBMITTAL
06/01/16	CONSTRUCTION PLANS
·····	

PROFESSIONAL IN CHARGE PAUL PHILLIPS PROFESSIONAL ENGINEER

LICENSE NO. 28069-6 **PROJECT MANAGER**

PAUL PHILLIPS

QUALITY CONTROL

LARRY DIEHL DRAWN BY

PETIA STOYANOVA-POUHALEVA

PROJECT NAME

GB REAL ESTATE INVESTMENTS

GREEN BAY WISCONSIN

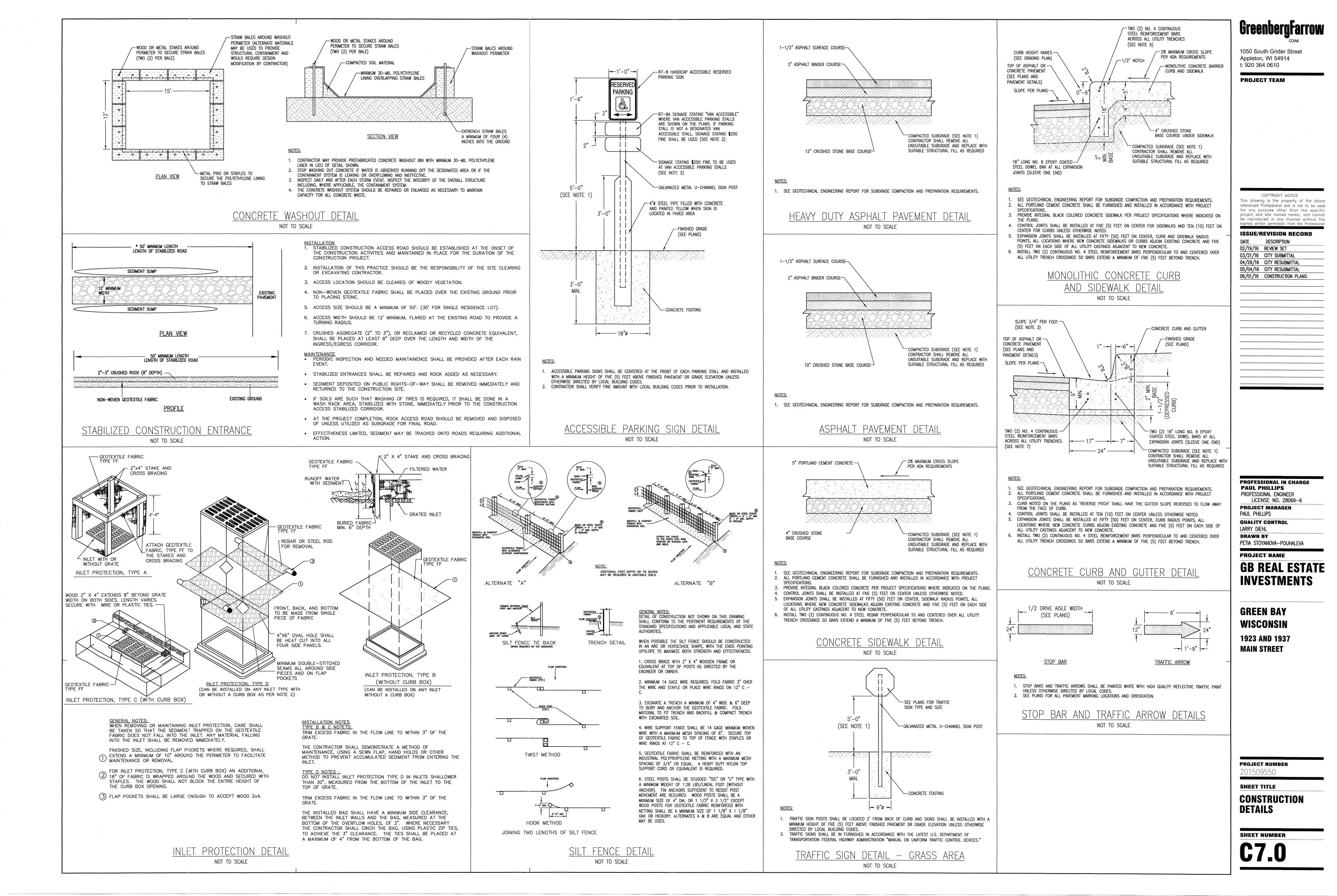
1923 AND 1937 **MAIN STREET**

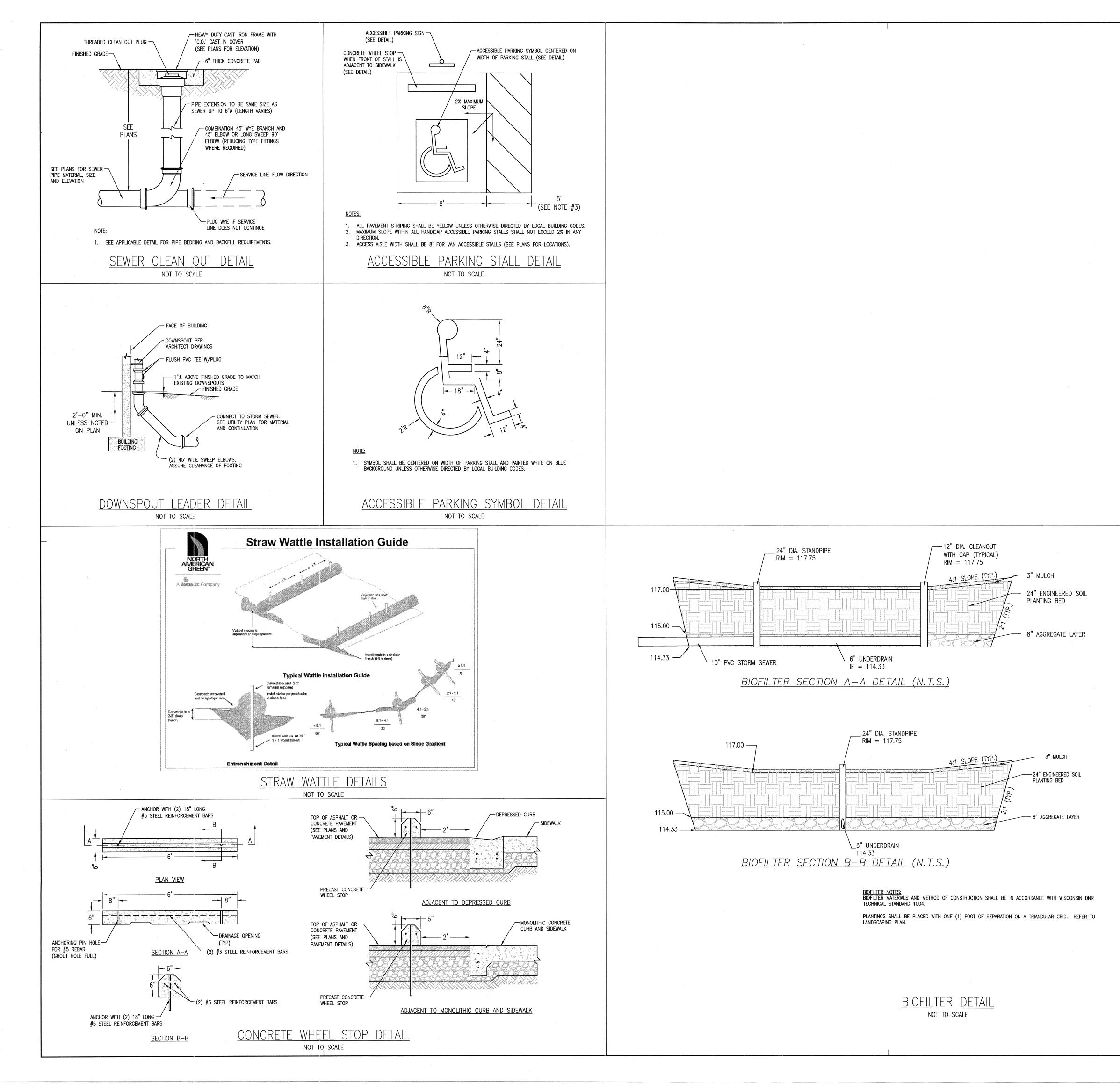
PROJECT	NUMBE
201509	550

SHEET TITLE EROSION

CONTROL PLAN







BIOFILTER CONSTRUCTION NOTES: A PERSON TRAINED AND EXPERIENCED IN THE CONSTRUCTION, OPERATION AND MAINTENANCE OF BIOINFILTRATION DEVICES SHALL BE RESPONSIBLE FOR CONSTRUCTION OF THE DEVICE.

CONSTRUCTION SITE RUNOFF FROM DISTURBED AREAS SHALL NOT BE ALLOWED TO ENTER THE BIOFILTRATION DEVICE. RUNOFF FROM PERVIOUS AREAS SHALL BE DIVERTED FROM THE DEVICE UNTIL THE PERVIOUS AREAS HAVE UNDERGONE FINAL STABILIZATION. CONSTRUCTION OF THE BIOINFILTRATION DEVICES SHALL BE SUSPENDED DURING PERIODS OF RAINFALL OR SNOWMELT. CONSTRUCTION SHALL REMAIN SUSPENDED IF PONDED WATER IS PRESENT.

PRIOR TO PLACEMENT IN THE BIOINFILTRATION DEVICE, THE ENGINEERED SOIL SHALL BE PRE-MIXED AND THE MOISTURE CONTENT SHALL BE LOW ENOUGH TO PREVENT CLUMPING AND COMPACTION DURING PLACEMENT.

THE ENGINEERED SOIL SHALL BE PLACED IN MULTIPLE LIFTS, EACH APPROXIMATELY 12 INCHES IN DEPTH.

STEPS MAY BE TAKEN TO INDUCE MILD SETTLING OF THE ENGINEERED SOIL BED AS NEEDED TO PREPARE A STABLE PLANTING MEDIUM AND TO STABILIZE THE PONDING DEPTH. VIBRATING PLATE-STYLE COMPACTORS SHALL NOT BE USED TO INDUCE SETTLING. THE ENTIRE SOIL PLANTING BED SHALL BE MULCHED PRIOR TO PLANTING VEGETATION TO HELP PREVENT COMPACTION OF THE PLANTING SOIL DURING THE PLANTING PROCESS. MULCH SHALL BE PUSHED ASIDE FOR THE PLACEMENT OF EACH PLANT.

COMPACTION AND SMEARING OF THE SOILS BENEATH THE FLOOR AND SIDE SLIPES OF THE BIOINFILTRATION AREA, AND COMPACTION OF THE SOILS USED FOR BACKFILL IN THE SOIL PLANTING BED, SHALL BE MINIMIZED. DURING SITE GRADING, THE AREAS DEDICATED FOR THE BIOINFILTRATION DEVICES SHALL BE CORDONED OFF TO PREVENT ACCESS BY HEAVY EQUIPMENT. ACCEPTABLE EQUIPMENT FOR CONSTRUCTING THE BIOINFILTRATION DEVICES INCLUDES EXCAVATION HOES, LIGHT EQUIPMENT WITH TURF TYPE TIRES, MARSH EQUIPMENT OR WIDE-TRACK LOADERS.

IF COMPACTION OCCURS AT THE BASE OF THE BIOINFILTRATION DEVICE, THE SOIL SHALL BE REFRACTURED TO A DEPTH OF AT LEAST 12 INCHES. IF SMEARING OCCURS, THE SMEARED AREAS OF THE INTERFACE SHALL BE CORRECTED BY RAKING OR ROTO-TILLING.

BIOFILTER MATERIALS NOTES: MULCH SHALL BE SHREDDED HARDWOOD, AGED A MINIMUM OF 12 MONTHS, AND FREE OF FOREIGN MATERIALS, INCLUDING OTHER PLANT MATERIAL.

AGGREGATE SHALL MEET THE COARSE AGGREGATE #2 AND OTHER SPECIFICATIONS OF WISCONSIN STANDARDS AND SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, SECTION 501.2.5, 2003 EDITION. GRAVEL SHALL BE DOUBLE-WASHED. THE TOP OF THE CLEANOUT(S) SHALL BE CONSTRUCTED WITH A SECURED ABOVEGROUND CAP.

ENGINEERED SOIL SHALL CONSIST OF 70% SAND. THE COMPOST COMPONENT SHALL MEET THE REQUIREMENTS OF THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES SPECIFICATION S100, COMPOST.

THE ENGINEERED SOIL MIX SHALL BE FREE OF ROCKS, STUMPS, ROOTS, BRUSH OR OTHER MATERIAL OVER 1 INCH IN DIAMETER. NO OTHER MATERIALS SHALL BE MIXED WITH THE PLANTING SOIL THAT MAY BE HARMFUL TO PLANT GROWTH OR PROVE A HINDRANCE TO PLANTING OR MAINTENANCE.

THE ENGINEERED SOIL MIX SHALL HAVE A PH BETWEEN 5.5 AND 6.5.

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PROFESSIONAL ENGINEER LICENSE NO. 28069-6 PROJECT MANAGER PAUL PHILLIPS **QUALITY CONTROL** LARRY DIEHL DRAWN BY PETIA STOYANOVA-POUHALEVA **PROJECT NAME**

PROFESSIONAL IN CHARGE

PAUL PHILLIPS

GB REAL ESTATE INVESTMENTS

GREEN BAY WISCONSIN

1923 AND 1937 MAIN STREET

PROJECT NUMBER 201509550

SHEET TITLE CONSTRUCTION DETAILS

SHEET NUMBER

Greenbergtarrow

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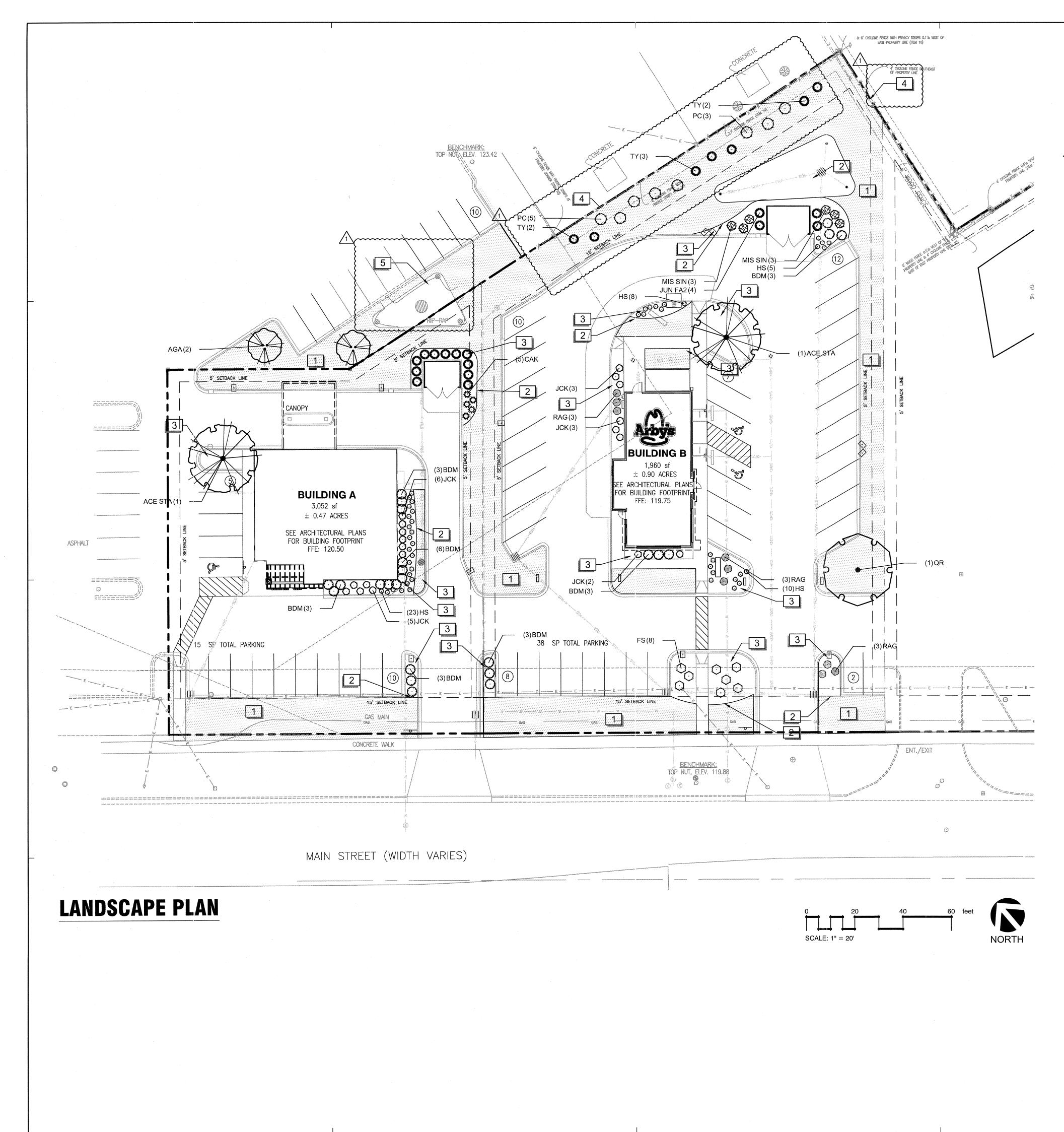
ISSUE/REVISION RECORD DESCRIPTION

06/01/16 CONSTRUCTION PLANS

02/19/16 REVIEW SET 03/21/16 CITY SUBMITTA 04/29/16 CITY RESUBMITTA 05/04/16 CITY RESUBMITTAL

DATE

PROJECT TEAM



REFERENCE NOTES SCHEDULE SYMBOL DESCRIPTION 1 SEED LAWNS WITH A KENTUCKY BLUEGRASS BLEND, PER GRASS SEED CHART ON SHEET C600. CULTIVATED BEDLINE 4" DEPTH. (TYP.) 2 INSTALL 3" DEPTH OF SHREDDED BARK MULCH. (TYP.) 3 4 EXISTING FENCE TO REMAIN 12m TO BE REPLACED WITH SHREDDED HARDWOOD BARK 5 MULCH. SEE NOTE #9.

PLANT SCHEDULE

	FLANT SCHEDULL							
	TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE
\checkmark		ACE STA	2	Acer miyabei `State Street` STRONG LEADER	Miyabei Maple	B & B	2.5" Cal. DBH	
Z'		AGA	2	Amelanchier x grandiflora `Autumn Brilliance`		B & B		6`-8` HT. MIN.
		QR	1	Quercus rubra	Red Oak	B & B	2.5" Cal. DBH	
	SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	HEIGHT	SPREAD
	\odot	BDM	24	Buddleja davidii `Miss Ruby`	Miss Ruby Butterfly Bush	5 gal	24" Ht. Min.	
	\bigcirc	FS	8	Forsythia x intermedia `Show Off`	Golden-Bells	B & B	24"-30" Ht. Min.	
	0	JUN FA2	15	Juniperus chinensis 'Fairview'	Juniper	B & B	6` Ht. Min <i>.</i>	
	\odot	JCK	19	Juniperus chinensis `Kallays Compact`	Kallays Compact Juniper	5 gal		24" Spr. Min.
	\odot	PC	8	Picea pungens `Corbet`	Colorado Spruce	B & B	4`-6` Ht.	
	\bigcirc	RAG	9	Rhus aromatica `Gro-Low`	Gro Low Sumac	3 gal		24" Spr. Min.
	0	ΤY	7	Thuja occidentalis `Yellow Ribbon`	Yellow Ribbon Cedar	B & B	5` Ht. Min	
	ANNUALS/PERENNIALS	CODE	<u>QTY</u>	BOTANICAL NAME	COMMON NAME	CONT	HEIGHT	SPREAD
	₹ .	HS	46	Hemerocallis x `Stella de Oro`	Stella de Oro Daylily	1 gal		
	GRASSES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	HEIGHT	SPREAD
	and a start	CAK	5	Calamagrostis x acutiflora `Karl Foerster`	Karl Foerster Feathereed Grass	2 gal		
	\oplus	MIS SIN	6	Miscanthus sinensis `Adagio`	Adagio Eulalia Grass	2 gal		
	GROUND COVERS	CODE	<u>QTY</u>	BOTANICAL NAME	COMMON NAME	CONT		
		SEED	16,084 sf	LAWN GRASSES	Kentucky Bluegrass Blend	seed		

GENERAL NOTES:

- 5. EACH PHOTO SHALL HAVE THE PLANT NAME, SIZE AND SPECIFICATIONS LABELED ON THE PHOTO.
- RESUBMITTAL. ______
- RIBBON CEDAR IS 5'-10' AND MATURE WIDTH OF 2'-3'.

THE GUARANTEED CONTRACT PERIOD.

1, GRAPHIC SYMBOLS TAKE PRECEDENCE OVER WRITTEN QUANTITIES AND KEYS ON PLAN.

2. CONTRACTOR TO REPAIR AND REPLACE ANY PLANT MATERIAL DAMAGED BY THIS CONSTRUCTION OUTSIDE PROJECT LIMITS. ANY EXISTING PLANT MATERIAL DAMAGED BY CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED WITH LIKE MATERIAL OF SIMILAR SPECIES AND SIZE AT THE CONTRACTOR'S EXPENSE WITH NO ADDITIONAL COST TO OWNER OR TENANT.

3. TWO WEEKS PRIOR TO PLANTING, THE CONTRACTOR SHALL SUBMIT TO THE OWNER / OWNER'S REPRESENTATIVE A PLANT PHOTO

SUBMITTAL FOR APPROVAL. IF REQUESTED, BY THE OWNER, THE LANDSCAPE ARCHITECT WILL TAG THE MATERIAL. 4. EACH PHOTO SHALL CLEARLY SHOW THE SIZE, FORM, AND BRANCHING STRUCTURE AND QUALITY OF THE PLANT.

6. ANY PHOTO SHOWING A GROUP OF PLANTS CLOSE TOGETHER WILL NOT BE ACCEPTED.

7. NO PARTIAL OR INCOMPLETE SUBMITTAL WILL BE ACCEPTED FOR REVIEW. ANY REJECTED SPECIES WILL BE SUBJECT TO

8. MATURE HEIGHT FOR COLORADO SPRUCE TREE IS 30'-60' AND MATURE WIDTH OF 10'-20'. MATURE HEIGHT FOR YELLOW

9. CONTRACTOR SHALL REMOVE STONE MULCH AND REPLACE WITH SHREDDED HARDWOOD BARK MULCH.)

MAINTENANCE OF LANDSCAPING:

THE OWNER, TENANT, OR AGENT, IF ANY, SHALL BE RESPONSIBLE FOR PROVIDING, PROTECTING AND MAINTAINING ALL LANDSCAPING IN HEALTHY GROWING CONDITIONS, REPLACING IT WHEN NECESSARY TO ENSURE CONTINUOUS CONFORMANCE WITH THESE GUIDELINES AND KEEPING IT FREE FROM REFUSE AND DEBRIS. MAINTENANCE SHALL INCLUDE THE REPLACEMENT OF ALL DEAD PLANT MATERIAL WITHIN



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PROJECT TEAM

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ISS	UE/REVISION RECORD
DATE	-
03/2	1/16 CITY SUBMITTAL
04/2	9/16 CITY RESUBMITTAL
1 05/0	4/16 CITY RESUBMITTAL
	6/16 CITY RESUBMITTAL
06/0	1/16 CONSTRUCTION PLANS
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PROFESSIONAL IN CHARGE PAUL PHILLIPS PROFESSIONAL ENGINEER LICENSE NO.

PROJECT MANAGER QUALITY CONTROL

DRAWN BY SARAH DREIER

PROJECT NAME

GREEN BAY REAL ESTATE INVESTMENTS

GREEN BAY, WISCONSIN

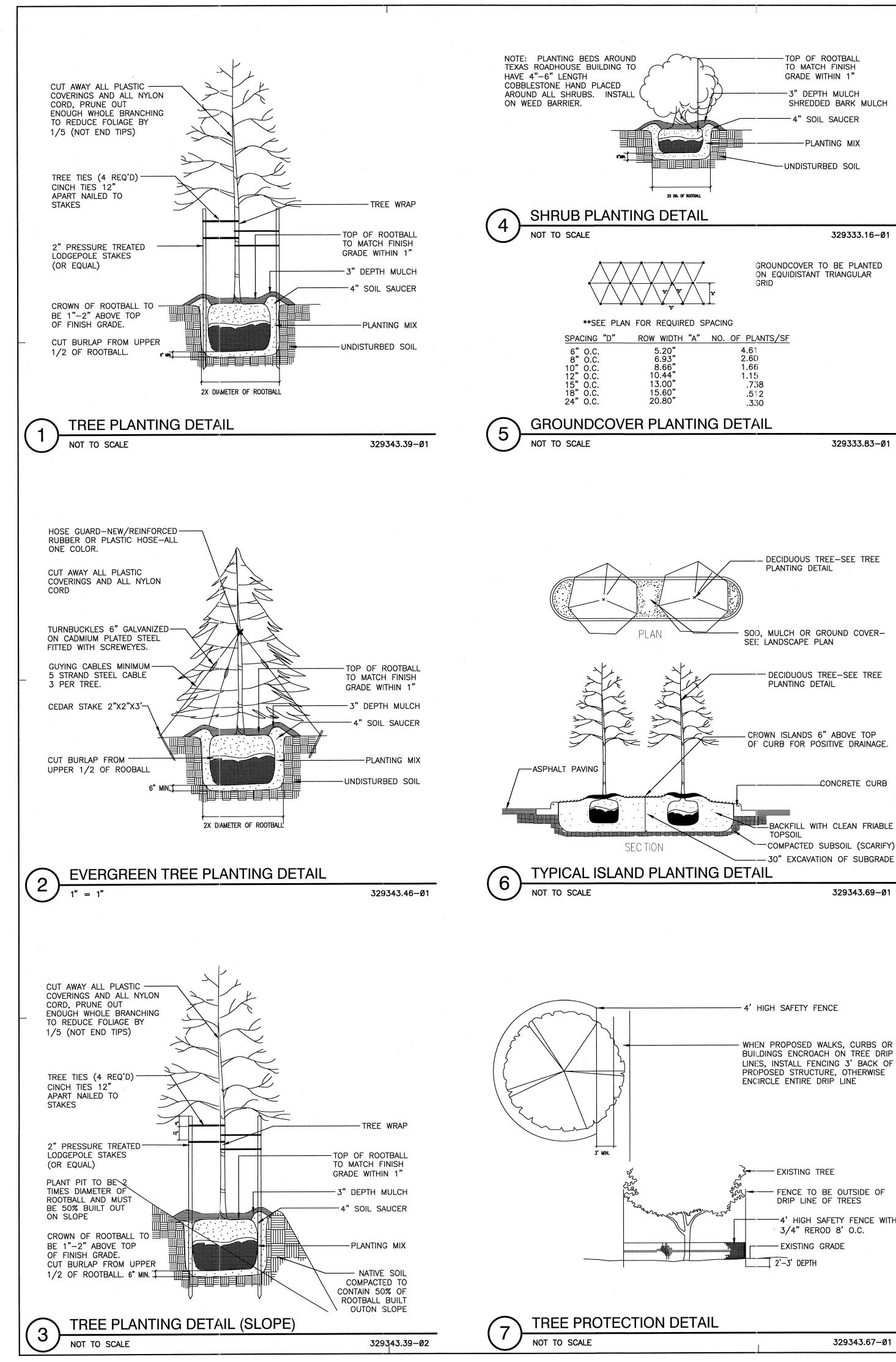
1923 AND 1937 **MAIN STREET**

PROJECT NUMBER 20150955.0

SHEET TITLE LANDSCAPE PLAN

SHEET NUMBER





-4' HIGH SAFETY FENCE WITH

329343.67-01

NOTES:

LANDSCAPE PLANTING

- 1. THE LANDSCAPE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE SITE CONDITIONS AND VERIFY THEM TO HIS SATISFACTION. THE LANDSCAPE CONTRACTOR SHALL ACCEPT THE SITE CONDITIONS AND DO THE WORK SPECIFIED WITHOUT ADDITIONAL COMPENSATION FOR POSSIBLE VARIATION FROM GRADES AND CONDITIONS SHOWN.
- 2. PRIOR TO CONSTRUCTION THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND SHALL AVOID DAMAGE TO ALL UTILITIES DURING CONSTRUCTION. SHOULD THE LANDSCAPE CONTRACTOR CAUSE DAMAGE TO ANY UTILITIES HE SHALL MAKE NECESSARY REPAIRS AS QUICKLY AS POSSIBLE WITHOUT ADDITIONAL COMPENSATION.
- 3. ALL PLANT MATERIAL SIZES AND MEASUREMENTS, INCLUDING TRUNK, HEAD, AND SPREAD SIZES, CONTAINER AND ROOTBALL SIZES, QUALITY AND CONDITION SHALL CONFORM TO THE STANDARDS SET FORTH IN THE CURRENT ISSUE OF "AMERICAN STANDARDS FOR NURSERY STOCK" (ANSI.Z60.1).
- 4. ALL PLANT MATERIAL ARE SUBJECT TO THE APPROVAL BY THE OWNER, AND MAY BE INSPECTED AT THE PLACE OF GROWTH OR ON SITE PRIOR TO PLANTING. LANDSCAPE ARCHITECT RETAINS THE RIGHT TO REJECT ANY PLANT MATERIAL WHICH IS NOT TO HIS SATISFACTION.
- 5. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING, IN FULL, ALL LANDSCAPE PLANTING WORK (INCLUDING WATERING, SPRAYING FOR INSECTS AND DISEASE, MULCHING, MOWING, FERTILIZING, CULTIVATING, EDGING AND WEEDING) FOR A PERIOD OF 90 DAYS AFTER ACCEPTANCE BY THE OWNER.
- THE LANDSCAPE CONTRACTOR SHALL COMPLETELY GUARANTEE ALL LANDSCAPE PLANTING WORK AND MATERIALS FOR A PERIOD OF ONE (1) FULL YEAR FROM THE DATE THE WORK HAS BEEN APPROVED BY THE OWNER AS INSTALLED. ALL PLANT MATERIAL NOT HEALTHY GROWING CONDITION SHALL BE REMOVED IMMEDIATELY AND REPLACED AS SOON AS POSSIBLE WITH LIKE KIND AND SIZE AT NO CHARGE TO THE OWNER.
- 7. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING SOIL SAMPLES FROM SOIL AND NATIVE OR FILL SOILS AT THE SITE AND SUBMITTING THEM TO AN APPROVED SOIL TESTING LABORATORY. AND OBTAIN ANALYSES AND RECOMMENDATIONS FOR AMENDING THESE SOILS AND FERTILIZATION OF SPECIFIED PLANT MATERIAL AT A MINIMUM ALL PLANTING AREAS SHALL BE FERTILIZED WITH 12 LBS. /1000 SF OF 10-10-10 FERTILIZER.
- 8. ALL PLANTING AREAS, SHRUB BEDS AND TREES SHALL BE MULCHED WITH A MINIMUM COMPACTED DEPTH OF THREE (3) INCHES OF MULCH AS SPECIFIED. PRIOR TO MULCHING APPLY A PRE-EMERGENT HERBICIDE (APPROVED BY OWNER) AS RECOMMENDED BY THE MANUFACTURER, TO PREVENT RECURRING WEED AND GRASS GROWTH.
- CONTRACTOR IS TO TAKE SPECIAL CARE WHEN INSTALLING NEW PLANT MATERIAL SO AS NOT TO DISTURB Q ANY EXISTING PLANTINGS DESIGNATED TO REMAIN. ANY EXISTING PLANT MATERIAL DAMAGED BY CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED WITH LIKE MATERIAL OF SIMILAR SPECIES AND SIZE AT THE CONTRACTOR'S EXPENSE AND NO ADDITIONAL COST TO OWNER.

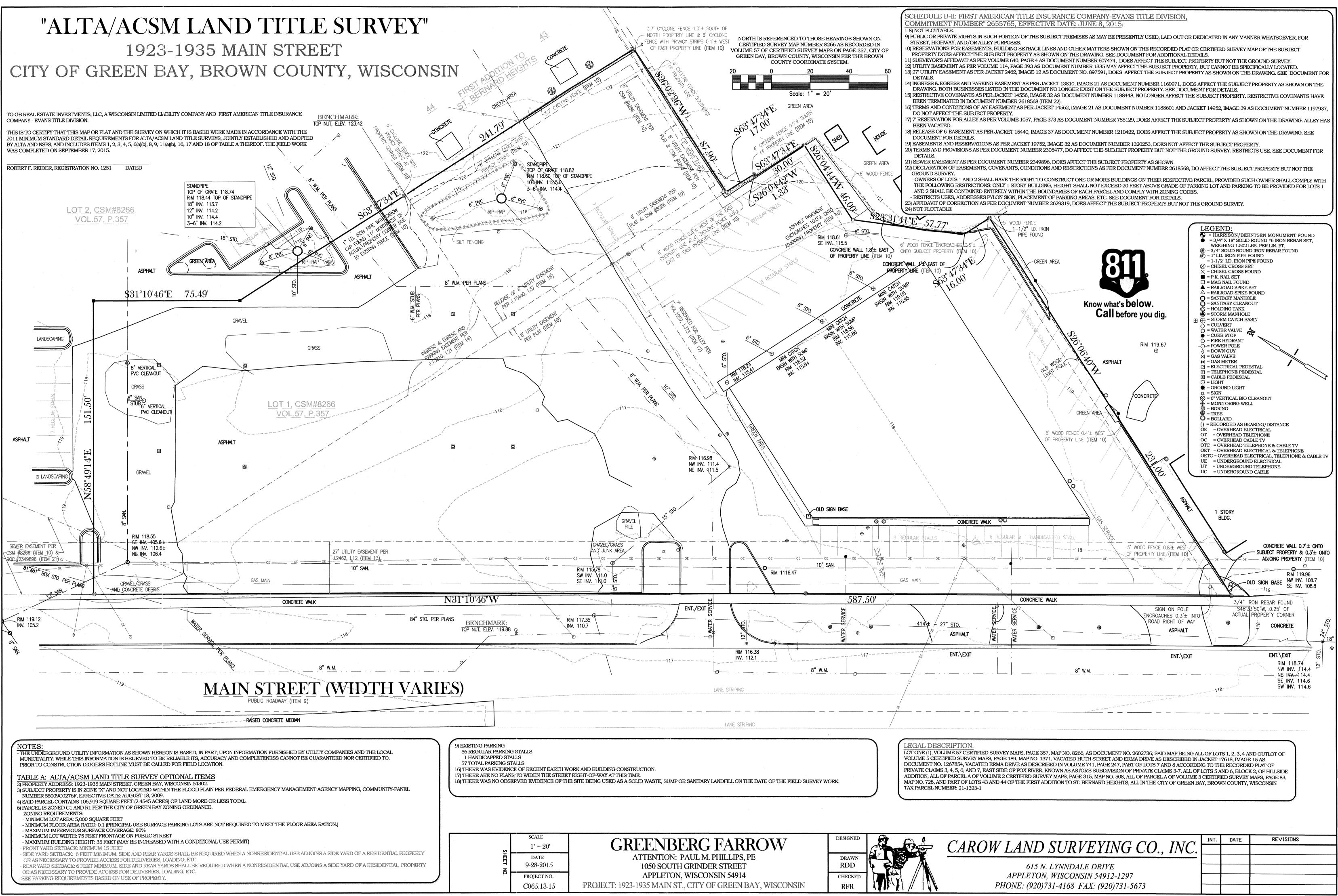
TURF AND LAWNS

- TALL DISTURBED AREAS SHALL RECEIVE 4" MINIMUM OF TOPSOIL (COMPACTED) AND GRASSED WITH SOD OR SEED AS INDICATED ON PLAN. LANDSCAPE CONTRACTOR TO COORDINATE HIS/HER WORK WITH OTHER TRADES REGARDING FINISH GRADING. IF AVAILABLE CONTRACTOR IS TO USE STOCKPILED TOPSOIL ONSITE. IF NOT AVAILABLE THE LANDSCAPE CONTRACTOR WILL BE RESPONSIBLE FOR IMPORTING THE TOPSOIL NECESSARY TO MEET FINISH GRADE.
- 2. TOPSOIL, SHALL BE FERTILE, FRIABLE AND REPRESENTATIVE OF LOCAL PRODUCTIVE SOIL, CAPABLE OF SUSTAINING VIGOROUS PLANT GROWTH AND FREE OF CLAY LUMPS, SUBSOIL, NOXIOUS WEEDS OR OTHER FOREIGN MATTER SUCH AS STONES, ROOTS, STICKS AND OTHER EXTRANEOUS MATERIALS: NOT FROZEN OR MUDDY. PH OF TOPSOIL TO RANGE BETWEEN 5.5 AND 7.5.
- 3. SODDED AREAS SHALL BE GRASSED KENTUCKY BLUEGRASS SOD. SOD SHALL BE LAID WITH CLOSE, TIGHT FITTING JOINTS, WHICH SHALL BE LAID IN ROWS PARALLEL TO THE CONTOUR LINES. ALL SODDED AREAS SHALL BE ROLLED TO ACHIEVE A SMOOTH, UNIFORM LAWN.
- 4. SEEDED AREAS SHALL BE GRASSED WITH KENTUCKY 31 TALL FESCUE AND BLUEGRASS AT A RATE OF (5) POUNDS PER 1000 SQ. FT. OF GRASSED AREA. SEED MAY BE APPLIED EITHER BY A MECHANICAL SPREADER OR HYRDROSEEDING. WHICHEVER METHOD IS CHOSEN A THICK STAND OF GRASS SHALL BE ACHIEVED WITHIN 21 DAYS OR A SECOND OVERSEEDING WILL BE REQUIRED.
- 5. FERTILIZATION AND SOIL AMENDMENTS FOR ALL GRASSED AREAS SHALL BE AS PER LABORATORY ANALYSIS. HYDROSEEDING MAY BE SUBSTITUTED FOR MECHANICAL SEEDING BY MIXING SEED. FERTILIZER AND PULVERIZED MULCH IN WATER, USING EQUIPMENT SPECIFICALLY DESIGNED FOR HYDROSEED APPLICATION. MIX UNTIL UNIFORMLY BLENDED INTO HOMOGENEOUS SLURRY SUITABLE FOR HYDRAULIC APPLICATION. APPLY UNIFORMLY AT A RATE AS REQUIRED TO OBTAIN SPECIFIED SEEDING RATE.
- 6. ANY EXISTING LAWN AREA DISTURBED BY CONSTRUCTION IS TO BE REPAIRED TO ITS ORIGINAL CONDITION BY SEEDING.

TREES AND SHRUBS

- 10. ALL TREES LOCATED IN GRASSED AREAS SHALL BE PLANTED AS PER DETAIL AND MULCHED WITH AT LEAST FOUR (4) FOOT DIAMETER OF SHREDDED BARK MULCH, TO A MINIMUM 3" DEPTH.
- 11. SHRUB BEDS SHALL BE MOUNDED WITH TOPSOIL A MINIMUM OF 6" ABOVE TOP OF CURB AND SHALL BE MULCHED WITH A 3" DEPTH OF SHREDDED BARK MULCH.
- 12. TREES SHALL BE PLANTED NO CLOSER THAN FIVE (5) FEET FROM BACK OF SIDEWALK OR BUILDING STRUCTURE.
- 13. LOCATION AND LAYOUT OF ALL SHRUBS AND TREES SHALL BE APPROVED BY LANDSCAPE ARCHITECT.
- 14. ALL TREE PROTECTION DEVICES ARE TO BE INSTALLED PRIOR TO START OF LAND DISTURBANCE AND MAINTAINED UNTIL FINAL LANDSCAPING IS INSTALLED.
- 15. ALL TREES ARE TO BE STAKED AND GUYED PER PLANTING DETAILS.

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		PROJECT TEAM
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		05/26/16 CITY RESUBMITTAL 06/01/16 CONSTRUCTION PLANS
		PROFESSIONAL SEAL
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		PROJECT MANAGER
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SHEET ND.	SCALE 1" = 20'
	date 9-28-2015
	PROJECT NO.
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