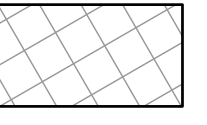
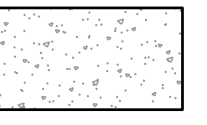
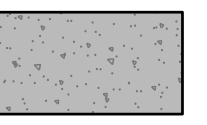
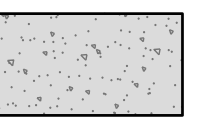
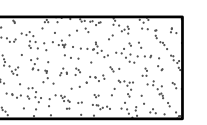
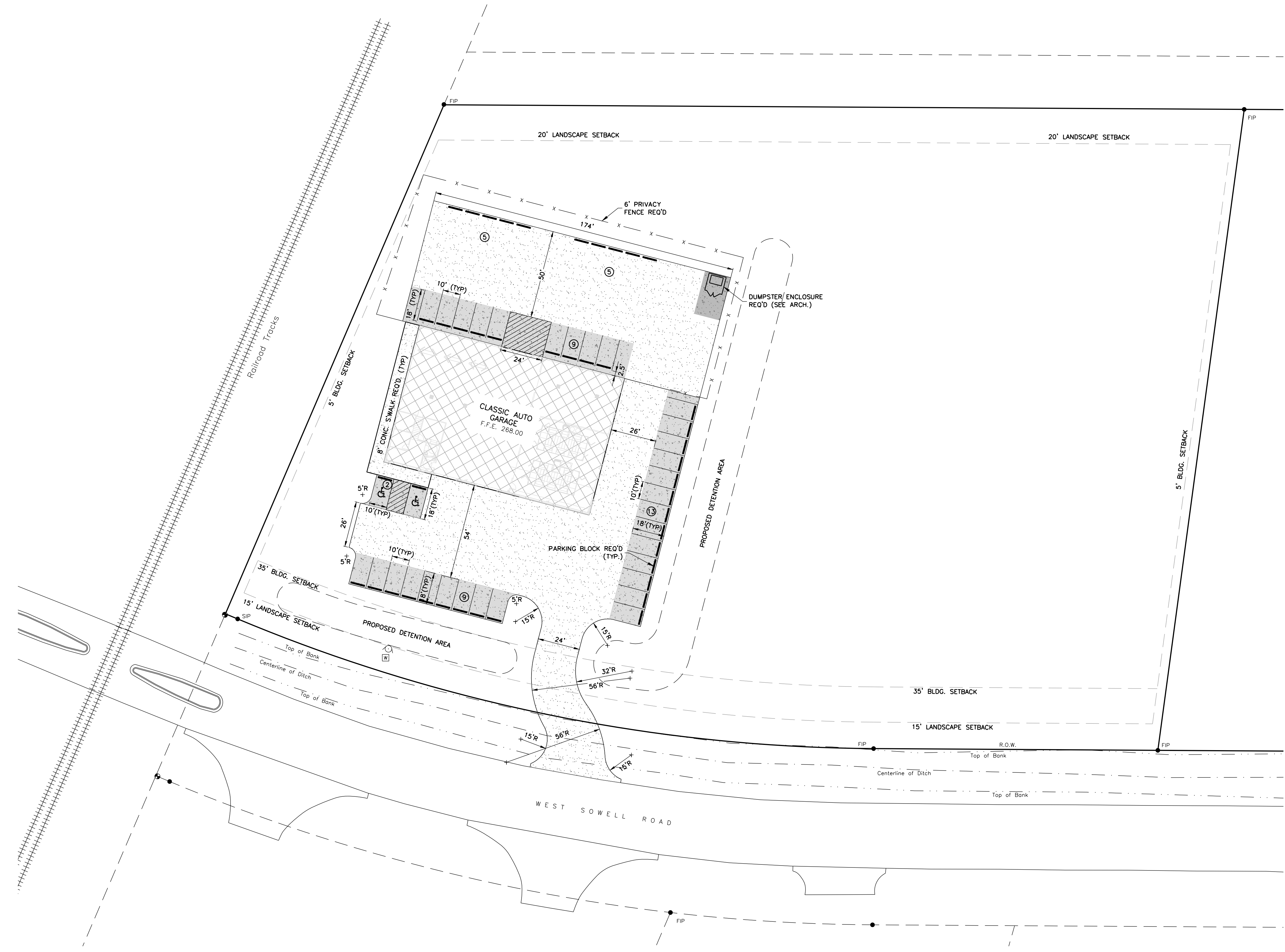


SITework LEGEND

-  PROPOSED BUILDING
-  PROPOSED CONCRETE SIDEWALK
-  PROPOSED HEAVY-DUTY CONCRETE PAVEMENT
-  PROPOSED LIGHT-DUTY CONCRETE PAVEMENT
-  PROPOSED CRUSHED LIMESTONE



NOTES:

1. THE TOTAL AREA OF THIS DEVELOPMENT IS ± 4.00 AC/174,489 S.F., MORE OR LESS. THE BREAKDOWN OF THIS AREA IS AS FOLLOWS:
 PERVIOUS - 136,112 S.F.
 IMPERVIOUS - 38,377 S.F.
 TOTAL - 174,489 S.F.
2. BUILDING SETBACKS: ALL SETBACKS ARE LISTED BELOW.
 FRONT - 35' (FIRST 15' LANDSCAPED)
 REAR - 20' (FIRST 20' LANDSCAPED) (ABUTTING RESIDENTIAL)
 SIDE - 5'
3. THIS BUILDING WILL BE UTILIZED AS A GARAGE BODY SHOP.
4. PARKING SPACES REQ'D.
 GARAGE BODY SHOP WITH OUTSIDE STORAGE: 1 SPACE PER 225 S.F.
 9,619 S.F. x 1 SPACE/225 S.F. = 43 SPACES REQ'D
 PARKING SPACES REQUIRED - 43 SPACES (TOTAL)
 PARKING SPACES PROVIDED - 43 SPACES
 HANDICAP PARKING SPACES PROVIDED - 2 SPACES, 2 VAN ACCESSIBLE
5. MAXIMUM BUILDABLE AREA - 50%
6. THIS PROPERTY IS LOCATED IN MADISON COUNTY AND ZONED C-2.
7. THE PREMISES ARE SITUATED IN ZONE X-OTHER AREAS, WHICH IS DEFINED AS, "AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN", AS SHOWN ON FIRM MAP NO. 2808C0415F, EFFECTIVE MARCH 17, 2010.
8. ALL CONSTRUCTION WILL BE IN ACCORDANCE WITH MADISON COUNTY SPECIFICATIONS.
9. DOMESTIC WATER AND SANITARY SEWER SERVICE WILL BE PROVIDED BY BEAR CREEK WATER ASSOCIATION. FIRE PROTECTION WILL BE PROVIDED BY GLUCKSTADT FIRE DEPARTMENT.
10. ALL SIGNING AND STRIPING SHALL CONFORM TO MADISON COUNTY SPECIFICATIONS.
11. SEE MECHANICAL, PLUMBING, ELECTRICAL, ARCHITECTURAL, STRUCTURAL, AND LANDSCAPE DRAWINGS FOR FURTHER REQUIREMENTS AND COORDINATION.
12. ALL RADIIUSES AND DIMENSIONS ARE MEASURED TO THE FACE OF CURB, UNLESS NOTED OTHERWISE.

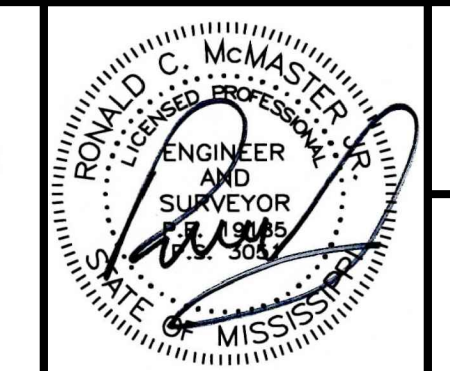
Revisions				
#	Date	Nature	By	App'r.
1	4-11-22	CITY OF GLUCKSTADT COMMENTS	CL	R.C.M.

Project No.	M-2930	Designed By	R.C.M.
Date	03-16-2022	Drawn By	C.L.
Scale	SEE ABOVE	Checked By	R.C.M.

CLASSIC AUTO GARAGE
 WEST SOWELL ROAD
 GLUCKSTADT, MS



212 WATERFORD SQUARE
 SUITE 300
 MADISON, MS 39110
 601.605.1090

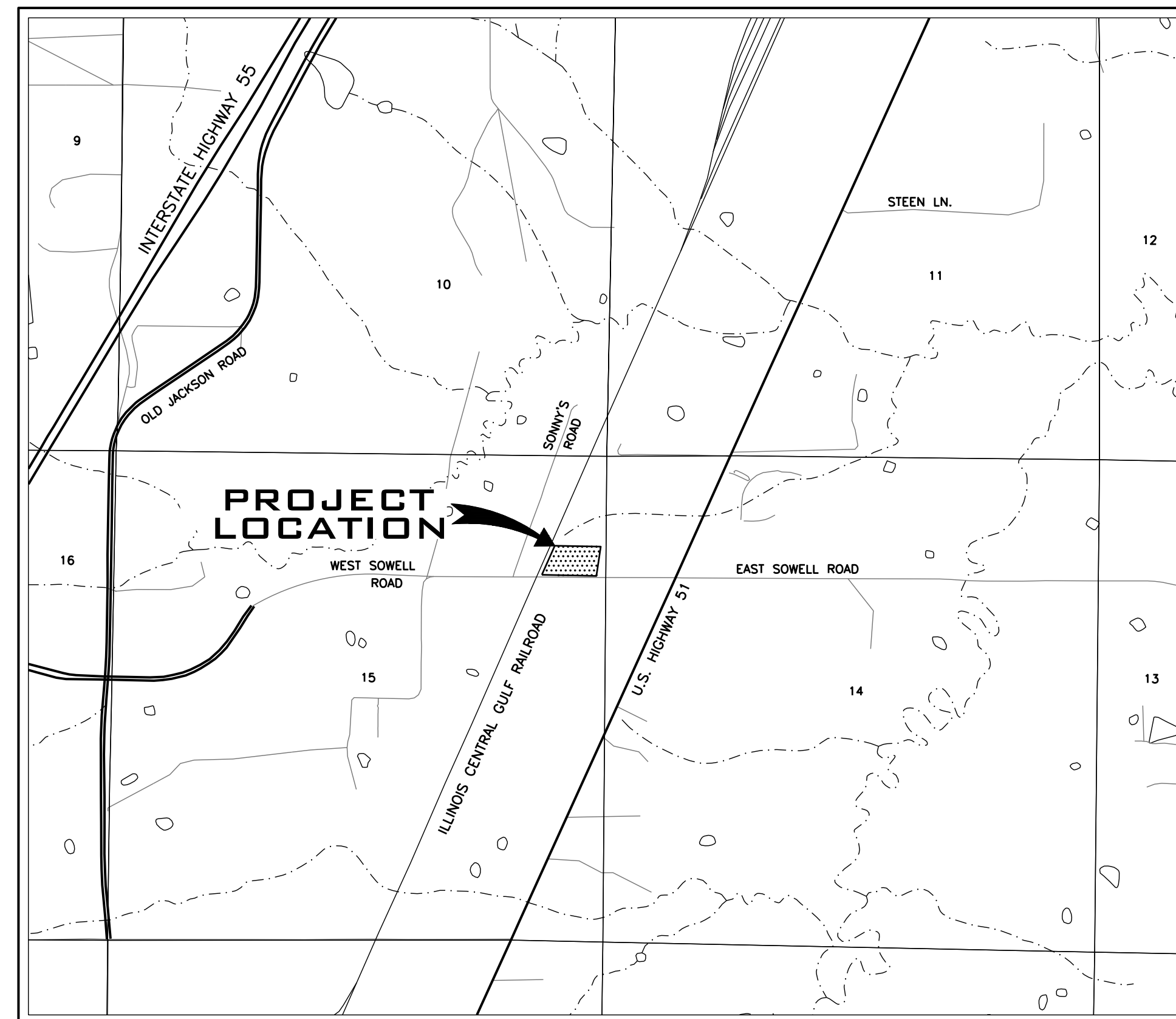
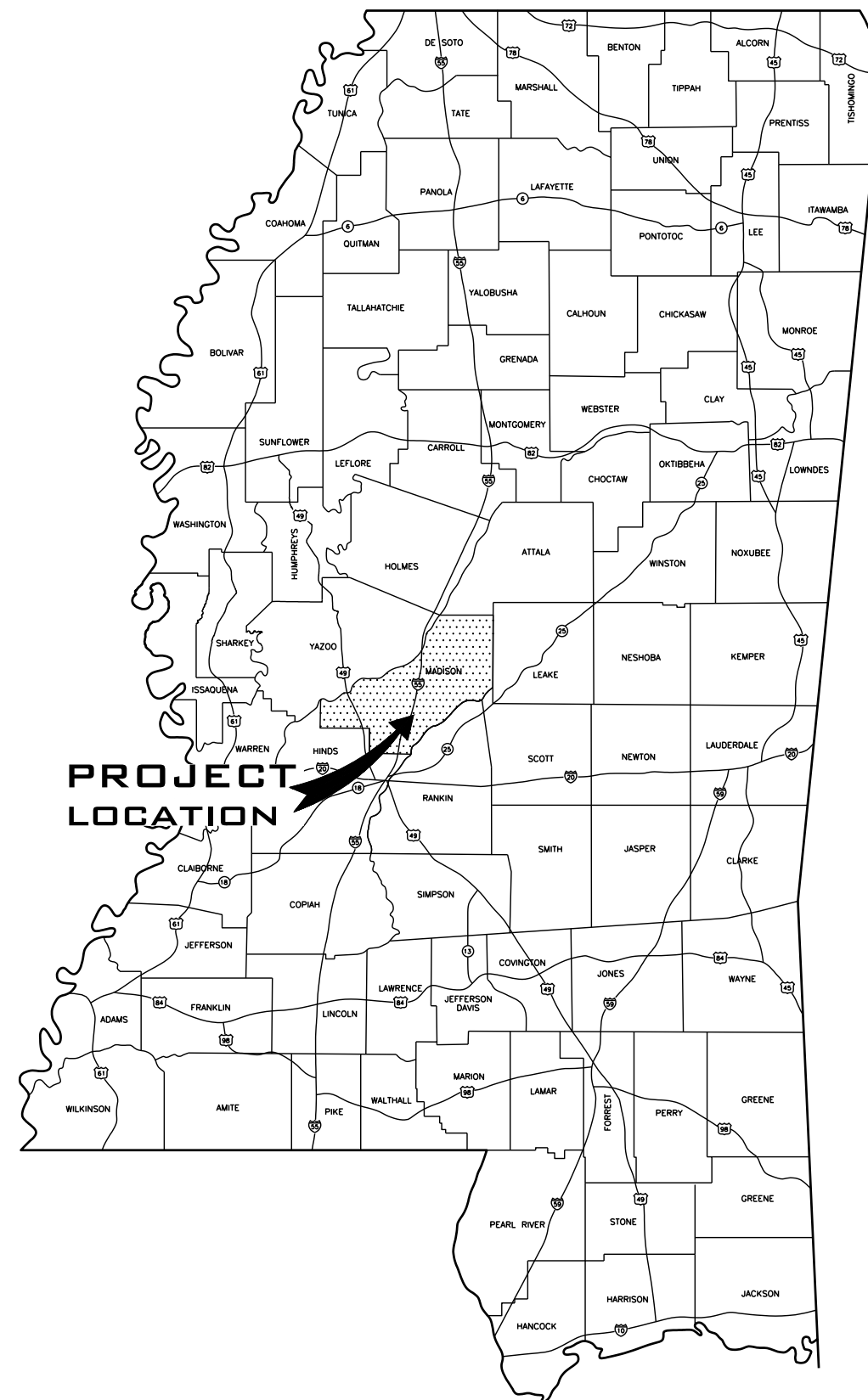


SITE PLAN
 C1.1

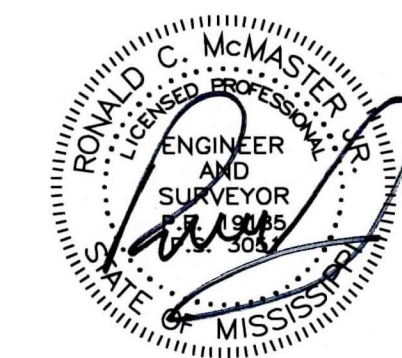
CIVIL CONSTRUCTION DRAWINGS FOR CLASSIC AUTO GARAGE

SITUATED IN THE NE 1/4 OF SECTION 15, T8N-R2E
MADISON COUNTY, MISSISSIPPI

A DEVELOPMENT
OF
McINTOSH CONSTRUCTION, INC.
104 COLONY WAY
BRANDON, MS 39047

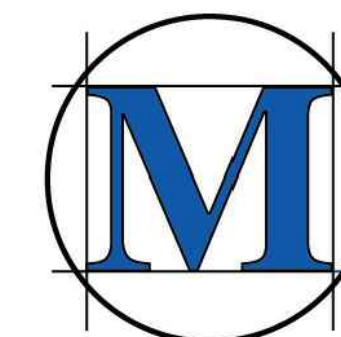


DRAWING INDEX	
TITLE	SHEET NO.
COVER SHEET	C0.0
GENERAL NOTES	C0.1
EXISTING CONDITIONS & DEMO PLAN	C0.2
SITE PLAN	C1.1
SPOT ELEVATIONS PLAN	C2.1
GRADING & DRAINAGE PLAN	C2.2
UTILITY PLAN	C3.1
EROSION CONTROL PLAN	C4.1
MISCELLANEOUS DETAILS (1)	C5.1
MISCELLANEOUS DETAILS (2)	C5.2



CAUTION
The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.

VICINITY MAP
N.T.S.



M*MASTER & ASSOCIATES, INC.
CIVIL ENGINEERS & LAND SURVEYORS

212 WATERFORD SQUARE
SUITE 300
MADISON, MS 39110
601.605.1090

DEMOLITION NOTES

- DEMOLITION AND REMOVAL OPERATIONS SHALL COMMENCE ONLY AFTER ALL EROSION AND SEDIMENTATION CONTROL MEASURES ARE IN PLACE AND FUNCTIONAL.
- PROVIDE NEAT AND STRAIGHT SAWCUTS OF EXISTING PAVEMENT ALONG ALL LIMITS OF PAVEMENT DEMOLITION.
- ALL DEMOLISHED MATERIALS BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE DESIGNATED. DISPOSE OF OFF THE OWNER'S PROPERTY IN A LEGAL MANNER.
- ALL PAVEMENT, BASE COURSE, SIDEWALKS, CURBS, BUILDINGS, FOUNDATIONS, ETC., IN THE AREA TO BE REMOVED SHALL BE REMOVED TO FULL DEPTH. EXISTING BASE COURSE MATERIALS MAY BE WORKED INTO THE NEW PAVEMENT OR BUILDING SUBGRADE PROVIDED THAT THE GRADATION, CONSISTENCY, COMPACTION, SUBGRADE CONDITION, ETC., ARE IN ACCORDANCE WITH THE SPECIFICATIONS. BASE COURSE MATERIALS SHALL NOT BE WORKED INTO THE SUBGRADE OF AREAS TO RECEIVE PLANTING.
- CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED FOR EXECUTION OF THE WORK.
- THE CONTRACTOR SHALL USE WATER SPRINKLING AND OTHER SUITABLE METHODS AS NECESSARY TO CONTROL DUST AND DIRT CAUSED BY THE DEMOLITION WORK.
- ALL ITEMS OF CONSTRUCTION REMAINING AND NOT SPECIFICALLY MENTIONED THAT INTERFERE WITH THE NEW CONSTRUCTION SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER.
- CONTRACTOR SHALL PROVIDE PROTECTION TO ALL STREETS, FENCES, TREES, UTILITIES AND STRUCTURES THAT ARE TO REMAIN. CONTRACTOR-CAUSED DAMAGE SHALL BE REPAIRED TO MATCH AT NO ADDITIONAL COST TO THE OWNER.
- CAVITIES LEFT BY STRUCTURE REMOVAL SHALL BE BACKFILLED WITH SATISFACTORY MATERIAL AND COMPACTED 98% OF MAXIMUM DENSITY PER ASTM D698 OR PER GEOTECHNICAL RECOMMENDATIONS IN THE DOCUMENTS.
- CONTRACTOR SHALL LOCATE AND MARK ALL EXISTING UTILITIES PRIOR TO COMMENCING WORK. COORDINATE WITH LOCAL UTILITY COMPANIES PRIOR TO UTILITY DISCONNECT.
- NOTIFY LOCAL UTILITY LOCATOR SERVICE OF INTENDED DEMOLITION OPERATIONS. SEE GENERAL UTILITY NOTE #4.
- EXISTING INFORMATION/TOPOGRAPHIC SURVEY WAS PREPARED BY MCMASTER AND ASSOCIATES INC.
- PAVEMENT MARKINGS TO BE REMOVED SHALL BE PAINTED OVER TO MATCH PAVEMENT OR REMOVED WITH WIRE BRUSHINGS.
- EXCEPT AS SHOWN, NO TREES SHALL BE REMOVED AND/OR VEGETATION DISTURBED WITHOUT APPROVAL OF THE ARCHITECT/ENGINEER.
- TREE PROTECTION SHALL CONSIST OF THE FOLLOWING STEPS:
 - CONTRACTOR SHALL HIRE A LICENSED LANDSCAPE CONTRACTOR TO OVERSEE TREE PROTECTION.
 - PRIOR TO ANY GRADING OPERATIONS, LOCATE TREES TO BE PROTECTED AND NEATLY CUT ROOTS TO A DEPTH OF 30" AT THE DIMENSIONED LIMITS SHOWN USING A UTILITY TRENCHING MACHINE.
 - TREAT EXPOSED ROOTS WITH A HORTICULTURAL TREE PRUNING PROTECTION PRODUCT.
 - PRUNE TREE LIMBS BY THE SAME PROPORTIONAL PERCENTAGE AS TREE ROOTS REMOVED (I.E., 25% OF ROOTS REMOVED SHALL RESULT IN 25% OF TREE LIMBS REMOVED).
 - INSTALL A CONSTRUCTION FENCE TO THE LIMITS SHOWN AT LEAST 4' IN HEIGHT.
 - BEGIN CLEARING AND GRADING OPERATIONS.

GENERAL UTILITY NOTES

- WATER AND SEWER CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH ALL LOCAL CODES AND SPECIFICATIONS.
- THE CONTRACTOR SHALL PAY ALL FEES AND OBTAIN ALL PERMITS.
- ALL EXISTING UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE AND ARE BASED ON TOPOGRAPHIC SURVEYS AND RECORD DRAWINGS FROM THE FACILITY. ADDITIONAL UTILITIES MAY BE PRESENT. SHOULD UNCHARTED UTILITIES BE ENCOUNTERED DURING EXCAVATION OPERATIONS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER AS SOON AS POSSIBLE FOR INSTRUCTIONS.
- THE CONTRACTOR SHALL NOTIFY THE MISSISSIPPI ONE-CALL SYSTEM, INC. (MOCS) AT 811 AND ANY NON-MOCS MEMBER UTILITY INDIVIDUALLY. AT LEAST 3 WORKING DAYS PRIOR TO ANY EXCAVATION AND/OR DEMOLITION.
- MAINTAIN 10-FOOT HORIZONTAL AND 18-INCH VERTICAL SEPARATION BETWEEN SANITARY SEWER AND WATER SUPPLY LINES.
- CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS OF ALL EXISTING UTILITIES INCLUDING IRRIGATION. TAKE CARE TO PROTECT UTILITIES THAT ARE TO REMAIN. REPAIR DAMAGE ACCORDING TO LOCAL STANDARDS AND AT THE CONTRACTOR'S EXPENSE. COORDINATE ALL CONSTRUCTION WITH THE APPROPRIATE UTILITY COMPANY. RELOCATE IRRIGATION LINES AS NECESSARY FOR CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE SEQUENCING OF CONSTRUCTION FOR ALL UTILITY LINES SO THAT WATER LINES AND UNDERGROUND ELECTRIC DO NOT CONFLICT WITH SANITARY SEWERS OR STORM SEWERS. INSTALL UTILITIES PRIOR TO FINAL PAVEMENT CONSTRUCTION.
- BACKFILL UTILITY TRENCHES UNDER PAVEMENT AREAS AND IN LAWN AREAS WITH SATISFACTORY FILL MATERIAL COMPACTED TO AT LEAST 98% OF MAXIMUM PER ASTM D698.
- ADJUST ALL EXISTING CASTINGS TO MATCH PROPOSED FINISH GRADE.
- THRUST BLOCKS ALL WATERLINE FITTINGS WITH CONCRETE (2,500 P.S.I. MIN.) POURED AGAINST UNDISTURBED EARTH TO SUSTAIN 120 PERCENT TEST PRESSURE SPECIFIED. FORM THRUST BLOCKING SO AS TO NOT EMBED JOINTS, BOLTS, VALVE BOXES OR OPERATING NUTS.
- PROVIDE VENTS AT HIGH POINTS IN WATERLINE AS NECESSARY FOR EXPELLING AIR DURING FILLING OF WATERLINE. PROVIDE BRONZE CORPORATION STOP FOR CLOSING VENT DURING TESTING AND SERVICE. LEAVE VENT COMPONENTS PLUGGED AND ATTACHED TO PIPE AFTER SUCCESSFUL TEST.
- EXCESS MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR OFF OF THE OWNER'S PROPERTY AT NO ADDITIONAL COST IN A LEGAL MANNER.
- ALL SANITARY SEWER PIPE SHALL BE CLASS SDR 26 PVC UNLESS NOTED OTHERWISE.
- ALL WATER MAINS SHALL BE C-900 P.V.C. UNLESS NOTED OTHERWISE.
- ALL FIRE HYDRANT ASSEMBLIES SHALL BE INSTALLED AS NOTED ON THE PLANS.
- FIRE HYDRANT AND WATER MAINS TO BE INSTALLED AND UNDER PRESSURE BEFORE ANY COMBUSTIBLE CONSTRUCTION IS STARTED.
- NEOPRENE COUPLINGS WITH STAINLESS STEEL BAND AND SHEAR RINGS ARE REQUIRED FOR JOINING DIFFERENT TYPES OF SANITARY SEWER PIPES.
- THE CONTRACTOR SHALL EXCAVATE FOR NEW SEWER ELEVATIONS SHOWN ON THE PLANS. THE CONTRACTOR SHALL TAKE EVERY NECESSARY PRECAUTION TO PROTECT EXISTING SEWER DURING CONSTRUCTION OPERATIONS. ALL EXCAVATION, SHORING AND BRACING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL EXPLORE AHEAD 200 FEET SO ADJUSTMENTS CAN BE MADE IN THE ALIGNMENT OF THE PIPE IN CASE OF CONFLICTS WITH EXISTING STRUCTURES, UTILITIES AND PIPING.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING PIPE FROM FLOATING. IF PIPE FLOATS DURING CONSTRUCTION, THE CONTRACTOR SHALL RELAY PIPE TO GRADE AT HIS EXPENSE.
- THE CONTRACTOR SHALL FIELD VERIFY LOCATION AND INVERT OF SANITARY SEWER FOR CONNECTION TO EXISTING OR PROPOSED SEWER SYSTEM.
- BEDDING REQUIREMENTS SPECIFIED HEREIN ARE TO BE CONSIDERED AS MINIMUMS FOR RELATIVELY DRY, STABLE EARTH CONDITIONS. ADDITIONAL BEDDING SHALL BE REQUIRED IN WET OR WEAK AREAS. THE CONTRACTOR SHALL HAVE RESPONSIBILITY TO PROVIDE SUCH ADDITIONAL BEDDING AS MAY BE REQUIRED TO PROPERLY CONSTRUCT THE WORK.

LAYOUT & PAVING NOTES

- THE CONTRACTOR SHALL CHECK EXISTING GRADES, DIMENSIONS, AND INVERTS IN THE FIELD AND REPORT ANY DISCREPANCIES TO THE ARCHITECT/ENGINEER PRIOR TO BEGINNING WORK.
- THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES, INCLUDING IRRIGATION LINES. TAKE CARE TO PROTECT UTILITIES THAT ARE TO REMAIN, AND REPAIR CONTRACTOR CAUSED DAMAGE ACCORDING TO CURRENT LOCAL STANDARDS AND AT THE CONTRACTOR'S EXPENSE COORDINATES ALL CONSTRUCTION WITH THE APPROPRIATE UTILITY COMPANY.
- THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL CODES, OBTAIN ALL PERMITS, AND PAY ALL FEES PRIOR TO BEGINNING WORK.
- PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING PAVEMENT AND NEW PAVEMENT. FIELD ADJUSTMENT OF FINAL GRADES MAY BE NECESSARY. INSTALL ALL UTILITIES PRIOR TO INSTALLATION OF PAVEMENT.
- THE CONTRACTOR SHALL PROTECT ALL TREES TO REMAIN, IN ACCORDANCE WITH THE SPECIFICATIONS DO NOT OPERATE OR STORE HEAVY EQUIPMENT, NOR HANDLE, NOR STORE MATERIALS WITHIN THE DRIP-LINES OF TREES OR OUTSIDE THE LIMIT OF GRADING.
- CONCRETE WALKS AND PADS SHALL HAVE A BROOM FINISH. ALL CONCRETE SHALL BE 4,000 P.S.I. UNLESS OTHERWISE NOTED. CURB RAMPS, SIDEWALK SLOPES, AND DRIVEWAY RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ALL CURRENT LOCAL REQUIREMENTS. IF APPLICABLE, THE CONTRACTOR SHALL REQUEST INSPECTION OF SIDEWALK AND RAMP FORMS PRIOR TO PLACEMENT OF CONCRETE.
- ALL DAMAGE TO EXISTING ASPHALT PAVEMENT TO REMAIN WHICH RESULTS FROM NEW CONSTRUCTION SHALL BE REPLACED WITH LIKE MATERIALS AT CONTRACTOR'S EXPENSE.
- DIMENSIONS ARE TO THE EDGE OF PAVEMENT, EDGE OF CONCRETE, OR TO THE FACE OF BUILDING, UNLESS OTHERWISE NOTED.
- COORDINATES ARE FOR FACE OF BUILDINGS, CENTER LINES OF DRIVEWAYS, CENTER OF SANITARY SEWER MANHOLES, AND CENTER AT FACE OF CURB INLETS, UNLESS OTHERWISE NOTED.
- EXCESS MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR OFF THE PROPERTY AT NO ADDITIONAL COST IN A LEGAL MANNER.
- MAINTAIN ONE SET OF AS-BUILT DRAWINGS ON THE JOB SITE FOR DISTRIBUTION TO THE ARCHITECT/ENGINEER UPON COMPLETION.
- PARKING STRIPES SHALL BE 4-INCH WHITE PAVEMENT PAINT, UNLESS OTHERWISE NOTED.
- STOP BARS, DETAIL STRIPS, FIRE LANES AND CROSSWALKS SHALL BE THERMOPLASTIC PAVEMENT MARKING MATERIAL.
- CONTRACTION JOINTS SHALL BE CONSTRUCTED TO A DEPTH OF AT LEAST ¼ THE CONCRETE THICKNESS, AND SHALL DIVIDE CONCRETE ROUGHLY INTO SQUARES WITH MAXIMUM 15' SEGMENTS.

STORMWATER POLLUTION PREVENTION NOTES

- REFER TO EROSION CONTROL PLAN FOR ADDITIONAL REQUIREMENTS.
- THE OWNER AND THE CONTRACTOR ARE REQUIRED TO SUBMIT A NOTICE OF INTENT (NOI) TO DISCHARGE CONSTRUCTION ACTIVITY STORMWATER APPLICATION TO THE LOCAL MISSISSIPPI ENVIRONMENTAL ASSISTANCE CENTER AT LEAST 30 DAYS PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR AND OWNER SHALL PROVIDE (WITH THE NOI) FOR THIS PROJECT) EXISTING NPDES PERMIT TRACKING NUMBERS FOR SITES WHERE BORROW MATERIAL MAY BE OBTAINED AND WHERE SPOIL MATERIAL MAY BE PLACED SHOULD PERMITS NOT EXIST FOR BORROW AND SPOIL SITES. SEPARATE (NOI)'S SHALL BE PROVIDED BY THE OWNER AND CONTRACTOR.
- THE NOTICE OF COVERAGE (NOC) OF THE PERMIT TO DISCHARGE CONSTRUCTION-ACTIVITY STORMWATER SHALL BE POSTED NEAR THE CONSTRUCTION ENTRANCE. THE CONTRACTOR SHALL HAVE A SET OF APPROVED EROSION CONTROL PLANS ON SITE DURING ALL CONSTRUCTION.
- THE CONSTRUCTION ACTIVITY ANTICIPATED ON THIS PROJECT INCLUDES CLEARING, GRUBBING, GRADING, TOPSOILING, AND SEEDING.
- THE APPROXIMATE TOTAL AREA OF THE SITE IS 4.00 ACRES. THE APPROXIMATE TOTAL AREA OF GRADING PROPOSED IS 1.67 ACRES.
- THE ANTICIPATED FILL MATERIAL WILL CONSIST OF SUITABLE ON-SITE SOIL AND/OR OFF-SITE SOIL BORROW MATERIALS.
- THE RECEIVING WATER/STORM SEWER OPERATOR IS MADISON COUNTY, AND THE STATE OF MISSISSIPPI.
- CONSTRUCTION SHALL BE SEQUENCED TO MINIMIZE EXPOSURE TIME OF CLEARED SURFACE AREA. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE AND FUNCTIONAL PRIOR TO EARTH MOVING OPERATIONS. ALL CONTROL MEASURES SHALL BE CHECKED AND REPAIRED AS NECESSARY, AND AT MAXIMUM 7 CALENDAR DAYS IN DRY PERIODS AND WITHIN 24 HOURS OF ANY RAINFALL EXCEEDING 0.5 INCH PER 24 HOUR PERIOD.
- THE CONTRACTOR SHALL DESIGNATE IN WRITING THE NAME AND PHONE NUMBER OF THE INDIVIDUAL RESPONSIBLE FOR EROSION AND SEDIMENT CONTROLS.
- PRE-CONSTRUCTION VEGETATIVE GROUND COVER SHALL NOT BE REMOVED MORE THAN 20 CALENDAR DAYS PRIOR TO GRADING. ALL GRADED AREAS EXPECTED TO REMAIN UNFINISHED AND UNWORKED FOR MORE THAN 30 CALENDAR DAYS SHALL BE COVERED WITH TEMPORARY GRASS, SOD, STRAW, MULCH OR FABRIC MATS. PERMANENT SOIL STABILIZATION SHALL BE INSTALLED WITHIN 7 CALENDAR DAYS OF FINAL GRADING.
- THE CONTRACTOR SHALL MAINTAIN RECORDS OF EROSION CONTROL INSPECTIONS AND REPAIRS FOR A MINIMUM OF 3 YEARS AFTER COMPLETION OF CONSTRUCTION.
- TEMPORARY SEEDING FOR MISSISSIPPI PROJECTS INCLUDE THE FOLLOWING:
 JAN 1- MAY 1 ITALIAN RYE/KOREAN LESPEDEZA/SUMMER OATS
 MAY 1- JULY 15 SUDAN OR STARR MILLET
 JULY 15-JAN 1 BALBOA RYE/ITALIAN RYE
- MULCHING SHALL CONSIST OF LOOSE HAY OR STRAW APPLIED AT THE RATE OF 2 TONS/ACRE.
- THE CONTRACTOR SHALL REMOVE SEDIMENT FROM TRAPS, SILT FENCES, SEDIMENT PONDS, ETC. AS NECESSARY AND WHEN CAPACITY HAS BEEN REDUCED BY 50%.
- STOCKPILES SHALL BE STABILIZED AND PROTECTED FROM EROSION.
- UPON COMPLETION OF SITE STABILIZATION, THE OWNER AND CONTRACTOR SHALL PROVIDE A NOTICE OF TERMINATION (NOT) FOR THE PROJECT TO THE MS DEPARTMENT OF ENVIRONMENTAL QUALITY. A COPY OF THE (NOT) SHALL BE PROVIDED TO THE ENGINEER.

GRADING, DRAINAGE AND EROSION CONTROL NOTES

- NO TREES SHALL BE REMOVED NOR VEGETATION DISTURBED EXCEPT AS NECESSARY FOR GRADING PURPOSES AND ONLY AS APPROVED BY THE ARCHITECT/ENGINEER.
- IT IS THE OWNER'S INTENT TO PRESERVE ALL THE EXISTING SITE VEGETATION OUTSIDE THE LIMITS OF GRADING.
- ALL TREES, INCLUDING YOUNG SAPPLINGS, PINES, AND UNDERSTORY SPECIES ARE TO BE PROTECTED AND SAVED IF THEY FALL OUTSIDE THE LIMITS OF GRADING, EVEN IF THEY ARE NOT LOCATED OR IDENTIFIED ON THE SURVEY.
- SELECTIVE CLEARING BEYOND THE LIMITS OF GRADING SHALL CONSIST OF REMOVAL OF HONEYSUCKLE, HERBACEOUS SHRUBS, POISON IVY, AND NOXIOUS WEEDS. GRASS SHALL BE SOWN ON THE WHOLE SITE AFTER PREPARATION, AS NOTED IN THE SPECIFICATIONS.
- TOPSOIL SHALL BE STRIPPED FROM ALL CUT AND FILL AREAS, STOCKPILED AND REDISTRIBUTED OVER-GRADED AREAS TO A MINIMUM DEPTH OF 6 INCHES. STOCKPILES SHALL BE FREE DRAINING AND PROVIDE EROSION AND SEDIMENTATION CONTROLS AROUND STOCKPILES.
- ALL GRADED AREAS SHALL BE SEEDED AND MULCHED WITHIN IMMEDIATELY AFTER GRADING IS COMPLETED.
- CONSTRUCT TEMPORARY EROSION CONTROL AS SHOWN ON THE DRAWING PRIOR TO BEGINNING GRADING OPERATIONS.
- ALL DRAINAGE STRUCTURES, PIPES WITHIN THE LIMITS OF CONSTRUCTION, AND DETENTION PONDS SHALL HAVE SEDIMENT REMOVED PRIOR TO FINAL ACCEPTANCE.
- SILT BARRIERS SHALL BE CLEANED OF ACCUMULATED SEDIMENT WHEN APPROXIMATELY 50% FILLED.
- ALL LOCATIONS OF TEMPORARY EROSION CONTROL DEVICES SHALL BE SUBJECT TO ADJUSTMENT AS DIRECTED BY THE ARCHITECT/ENGINEER.
- WHEN THE TEMPORARY EROSION CONTROL DEVICES ARE NO LONGER REQUIRED FOR THE INTENDED PURPOSE (IN THE ARCHITECT/ENGINEER'S OPINION), THEY SHALL BE REMOVED.
- REPLACE DAMAGED AND WORN OUT SILT BARRIERS AS DIRECTED BY THE ARCHITECT/ENGINEER.
- THE CONTRACTOR SHALL PROTECT ALL TREES DESIGNATED TO REMAIN. DO NOT OPERATE OR STORE HEAVY EQUIPMENT, NOR HANDLE/STORE MATERIALS, WITHIN THE DRIP LINES OF TREES.
- TOP OF GRATE ELEVATIONS FOR CURB INLETS ARE GIVEN TO THE CENTER OF THE INLETS AT THE FACE OF CURB. THE GRATES SHALL SLOPE LONGITUDINALLY WITH THE PAVEMENT GRADE. ADJUST THE CASTING TO FALL ALONG THE CURB LINE.
- THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES. PROTECT UTILITIES TO REMAIN, AND REPAIR CONTRACTOR-CAUSED DAMAGE ACCORDING TO LOCAL STANDARDS AT CONTRACTOR'S EXPENSE.
- NOTIFY LOCAL UTILITY LOCATOR SERVICE OF INTENDED EXCAVATION/UTILITY TRENCHING OPERATIONS.
- IN THE EVENT OF ANY DISCREPANCIES FOUND IN THE DRAWINGS OR IF PROBLEMS ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.
- THE CONTRACTOR SHALL GIVE ALL NECESSARY NOTICES AND OBTAIN ALL PERMITS.
- SPOT ELEVATIONS AND CONTOURS REPRESENT PROPOSED FINISHED GRADE ELEVATIONS.
- CONTRACTOR SHALL VERIFY EXISTING ELEVATIONS AND INVERTS PRIOR TO BEGINNING WORK.
- EXCESS MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR OFF THE OWNER'S PROPERTY AT NO ADDITIONAL COST IN A LEGAL MANNER.
- CONTOUR LINES AND SPOT ELEVATIONS ARE THE RESULT OF A DETAILED ENGINEERING GRADING DESIGN AND REFLECT A PLANNED INTENT WITH REGARD TO DRAINAGE. SHOULD THE CONTRACTOR HAVE ANY QUESTION OF THIS INTENT OR ANY PROBLEMS WITH CONTINUITY OF GRADES, THE ARCHITECT/ENGINEER SHALL BE CONTACTED PRIOR TO BEGINNING WORK.
- EXISTING MANHOLE CASTINGS TO REMAIN SHALL BE RESET TO MATCH NEW GRADE.
- ALL CURBS AND SIDEWALKS SHALL BE BACKFILLED WITH TOPSOIL, AND SEEDED AND MULCHED, UNLESS OTHERWISE NOTED.
- ALL PIPES SHALL BE BACKFILLED WITH SATISFACTORY MATERIAL COMPACTED TO 98% OF MAXIMUM PER ASTM D698.
- ALL STORM DRAINAGE PIPE SHALL BE R.C.P UNLESS OTHERWISE NOTED, AND COMPLETELY WRAPPED WITH TYPE V FILTER FABRIC AT ALL JOINTS. FILTER FABRIC SHALL BE 18" WIDE AND OVERLAP 8". LIFT HOLES SHALL BE GROUTED AND SEALED WATER TIGHT AND COVERED WITH FILTER FABRIC. PIPE LENGTHS SHOWN ARE APPROXIMATE.
- ALL CUT AND FILL SLOPES TO BE 3:1 MAXIMUM, UNLESS OTHERWISE NOTED.
- ALL HEADWALLS SHALL HAVE A MINIMUM 10'x20'x1.5" RIP-RAP APRON INSTALLED USING 8" MIN. DIAMETER STONE, UNLESS OTHERWISE SPECIFIED.
- SATISFACTORY TOPSOIL IS DEFINED AS SOIL BEING FREE OF SUBSOIL, CLAY LUMPS, STONES, AND OTHER OBJECTS OVER 1 INCH IN DIAMETER, OR CONTAMINANTS.
- AFTER STRIPPING TOPSOIL, PROOFROLL SUBGRADE WITH A LOADED DUMP TRUCK WITH A MINIMUM WEIGHT OF 20 TONS.
- FINISH GRADES TOLERANCES ARE 0.10 FOOT ABOVE OR BELOW DESIGN ELEVATIONS
- CONSULT SUBSURFACE REPORT FOR ADDITIONAL REQUIREMENTS
- PROVIDE TEMPORARY SEEDING ON STOCKPILES AND ALL OTHER AREAS OF THE SITE THAT WILL REMAIN UNDISTURBED FOR 14 DAYS OR MORE.
- MAXIMUM SLOPES IN ALL DIRECTIONS OF HANDICAP PARKING SPACES/AISLES SHALL BE 2%.

Revisions			
#	Date	Nature	By
1	4-11-22	CITY OF GLUCKSTADT COMMENTS	R.C.M.

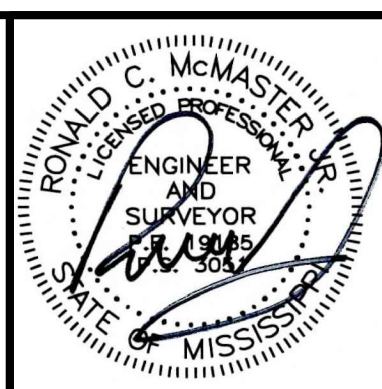
Project No.	M-2930	Designed By	R.C.M.
Date	03-16-2022	Drawn By	C.L.
Scale	SEE ABOVE	Checked By	R.C.M.

CLASSIC AUTO GARAGE
 WEST SOWELL ROAD
 GLUCKSTADT, MS



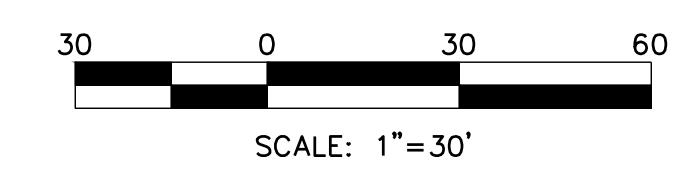
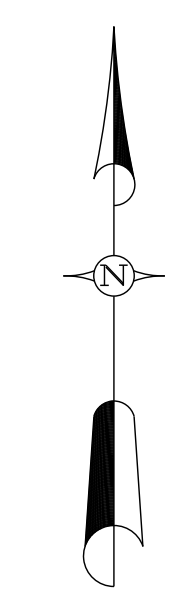
M*MASTER & ASSOCIATES, INC.
 CIVIL ENGINEERS & LAND SURVEYORS

212 WATERFORD SQUARE
 SUITE 300
 MADISON, MS 39110
 601.605.1090



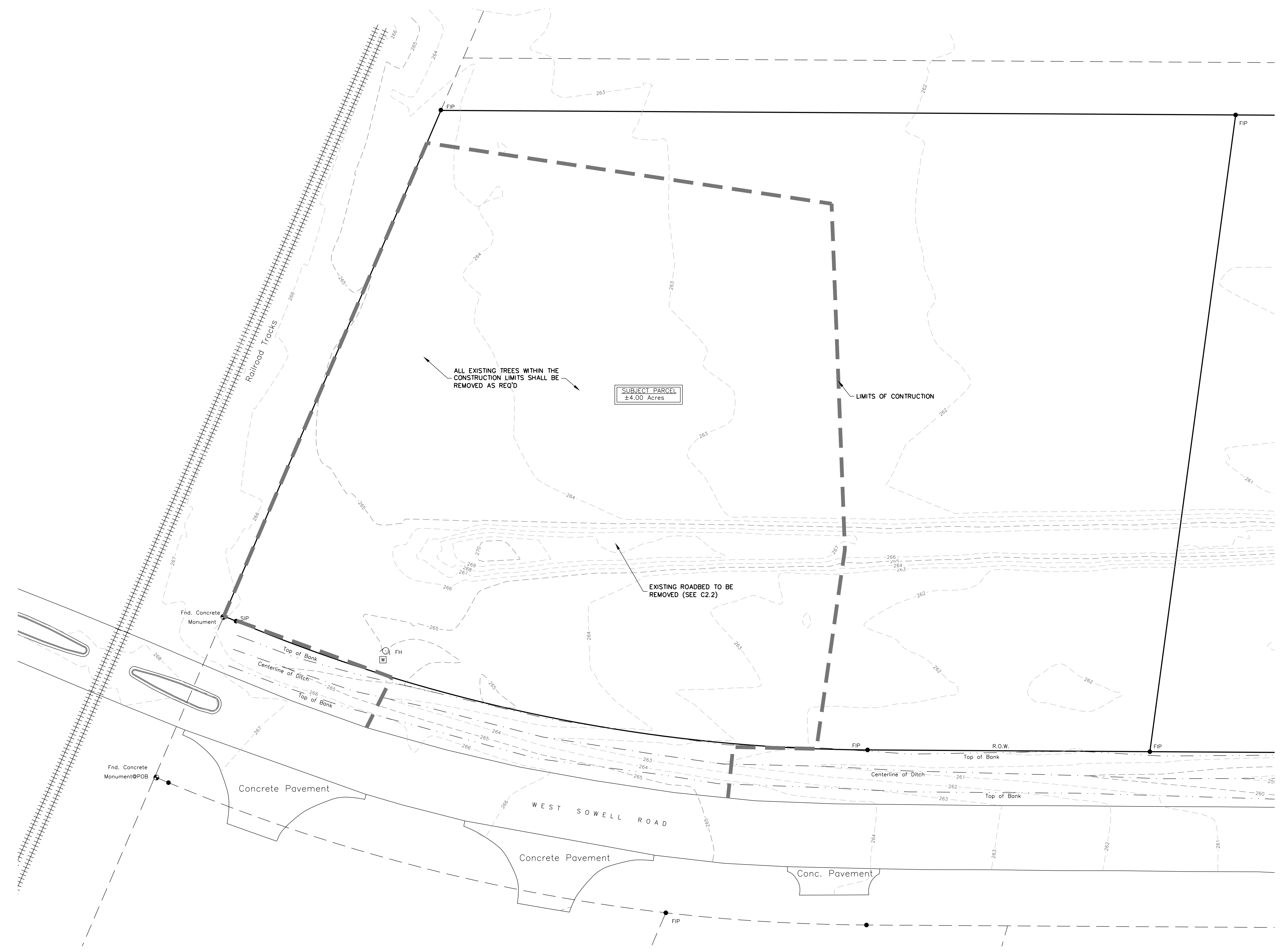
GENERAL NOTES

C0.1



EXISTING LEGEND

⊗ WV	WATER VALVE
⊙ FH	FIRE HYDRANT
● CM	CONCRETE MONUMENT
● SIP	SET IRON PIN (1/2"x18" IRON REBAR)
● FIP	FOUND IRON PIN (IRON REBAR)

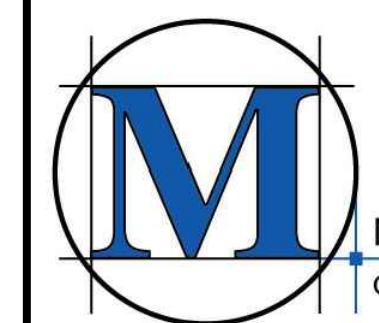


- NOTES:**
1. SEE MECHANICAL, ELECTRICAL, PLUMBING, ARCHITECTURAL, LANDSCAPE, AND STRUCTURAL DRAWINGS FOR ADDITIONAL DEMO. REQUIREMENTS.
 2. CONTRACTOR TO CONTACT AND COORDINATE WITH UTILITY PROVIDERS FOR REMOVAL AND RELOCATION OF EXISTING UTILITIES INCLUDING WATER, SANITARY SEWER, GAS, COMMUNICATION, ELECTRICAL, ETC.
 3. CONTRACTOR TO SECURE THE SITE AND SHALL COORDINATE SCOPE, LIMITS AND ACCESS POINTS WITH THE OWNER.
 4. CONTRACTOR TO COORDINATE EMPLOYEE PARKING, LAY-DOWN AND STAGING AREAS, AND OFFICE TRAILER LOCATIONS WITH THE OWNER.

Revisions				
#	Date	Nature	By	App'd.
1	4-11-22	CITY OF GLUCKSTADT COMMENTS	CL	R.C.M.

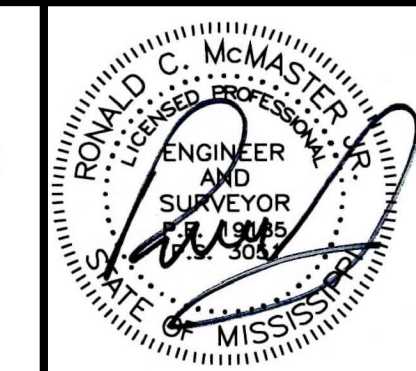
Project No.	M-2930	Designed By	R.C.M.
Date	03-16-2022	Drawn By	C.L.
Scale	SEE ABOVE	Checked By	R.C.M.

CLASSIC AUTO GARAGE
 WEST SOWELL ROAD
 GLUCKSTADT, MS



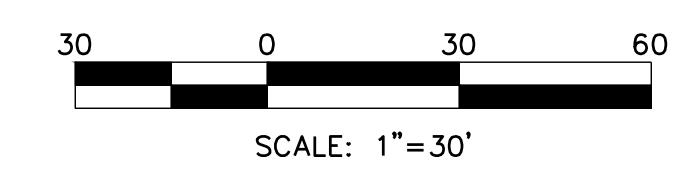
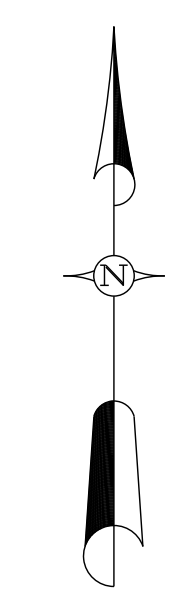
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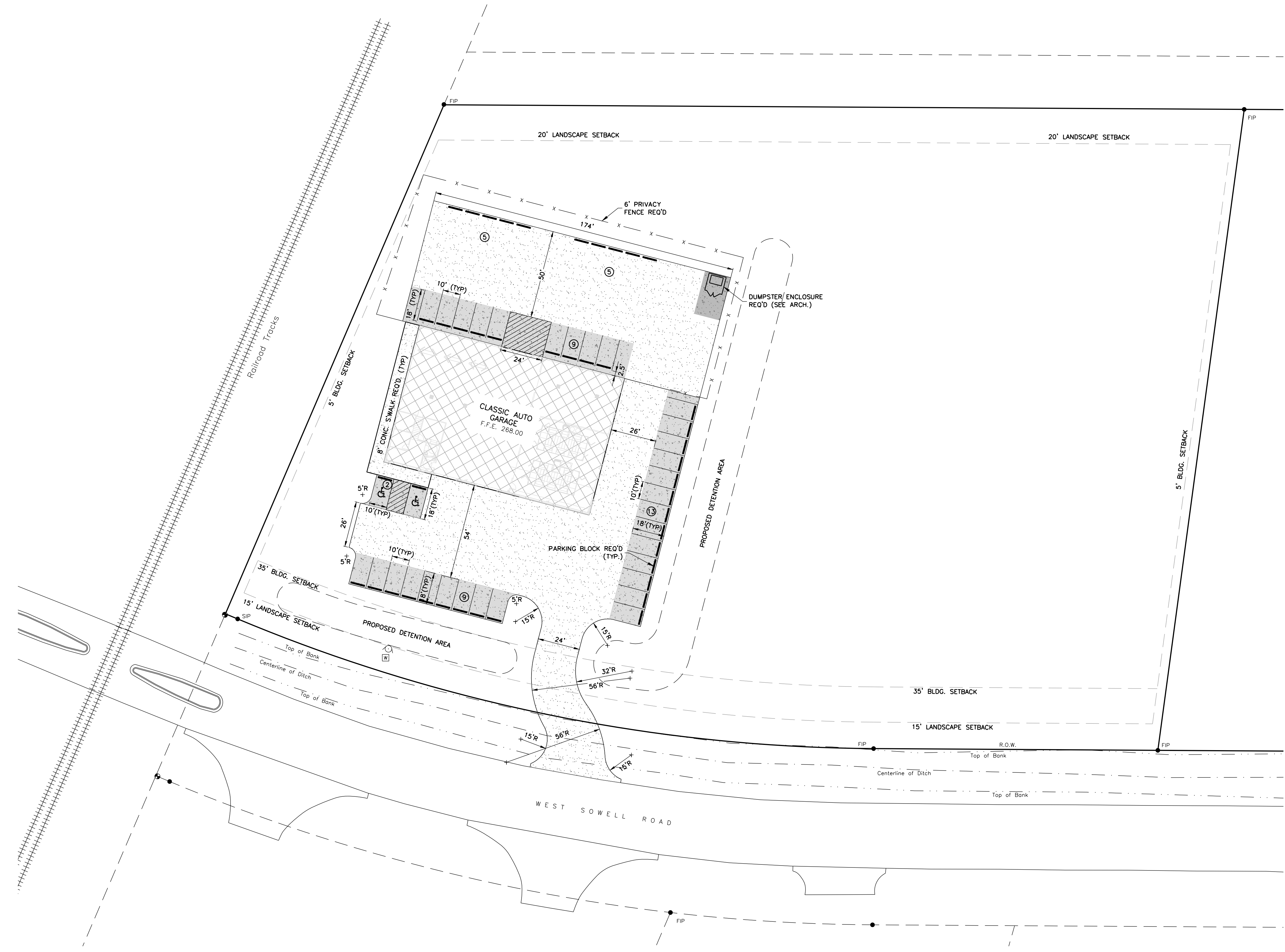
EXISTING
 CONDITIONS &
 DEMO PLAN

C0.2



SITework LEGEND

- PROPOSED BUILDING
- PROPOSED CONCRETE SIDEWALK
- PROPOSED HEAVY-DUTY CONCRETE PAVEMENT
- PROPOSED LIGHT-DUTY CONCRETE PAVEMENT
- PROPOSED CRUSHED LIMESTONE



NOTES:

1. THE TOTAL AREA OF THIS DEVELOPMENT IS ± 4.00 AC/174,489 S.F., MORE OR LESS. THE BREAKDOWN OF THIS AREA IS AS FOLLOWS:
 PERVIOUS - 136,112 S.F.
 IMPERVIOUS - 38,377 S.F.
 TOTAL - 174,489 S.F.
2. BUILDING SETBACKS: ALL SETBACKS ARE LISTED BELOW.
 FRONT - 35' (FIRST 15' LANDSCAPED)
 REAR - 20' (FIRST 20' LANDSCAPED) (ABUTTING RESIDENTIAL)
 SIDE - 5'
3. THIS BUILDING WILL BE UTILIZED AS A GARAGE BODY SHOP.
4. PARKING SPACES REQ'D.
 GARAGE BODY SHOP WITH OUTSIDE STORAGE: 1 SPACE PER 225 S.F.
 9,619 S.F. x 1 SPACE/225 S.F. = 43 SPACES REQ'D
 PARKING SPACES REQUIRED - 43 SPACES (TOTAL)
 PARKING SPACES PROVIDED - 43 SPACES
 HANDICAP PARKING SPACES PROVIDED - 2 SPACES, 2 VAN ACCESSIBLE
5. MAXIMUM BUILDABLE AREA - 50%
6. THIS PROPERTY IS LOCATED IN MADISON COUNTY AND ZONED C-2.
7. THE PREMISES ARE SITUATED IN ZONE X-OTHER AREAS, WHICH IS DEFINED AS, "AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN", AS SHOWN ON FIRM MAP NO. 2808C0415F, EFFECTIVE MARCH 17, 2010.
8. ALL CONSTRUCTION WILL BE IN ACCORDANCE WITH MADISON COUNTY SPECIFICATIONS.
9. DOMESTIC WATER AND SANITARY SEWER SERVICE WILL BE PROVIDED BY BEAR CREEK WATER ASSOCIATION. FIRE PROTECTION WILL BE PROVIDED BY GLUCKSTADT FIRE DEPARTMENT.
10. ALL SIGNING AND STRIPING SHALL CONFORM TO MADISON COUNTY SPECIFICATIONS.
11. SEE MECHANICAL, PLUMBING, ELECTRICAL, ARCHITECTURAL, STRUCTURAL, AND LANDSCAPE DRAWINGS FOR FURTHER REQUIREMENTS AND COORDINATION.
12. ALL RADIIUSES AND DIMENSIONS ARE MEASURED TO THE FACE OF CURB, UNLESS NOTED OTHERWISE.

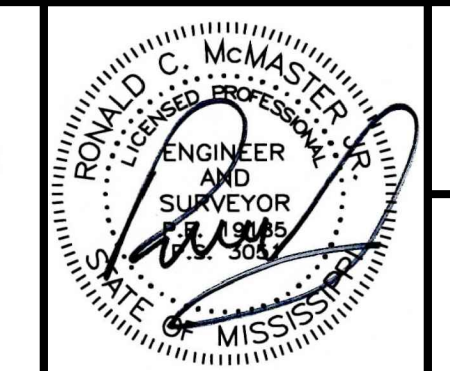
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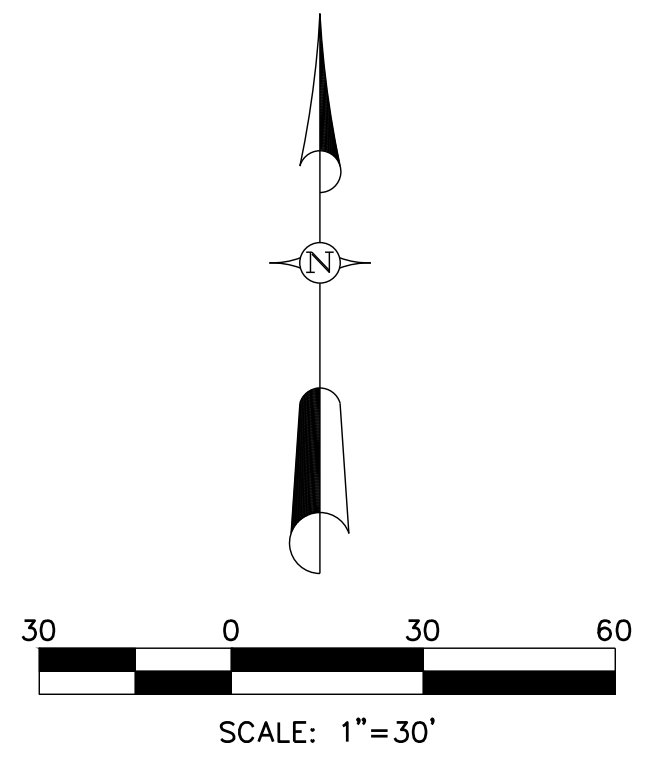
CLASSIC AUTO GARAGE
 WEST SOWELL ROAD
 GLUCKSTADT, MS



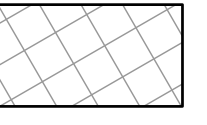
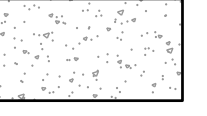
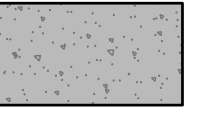
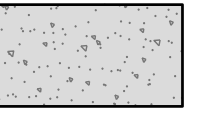
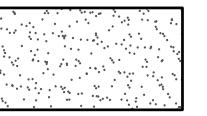
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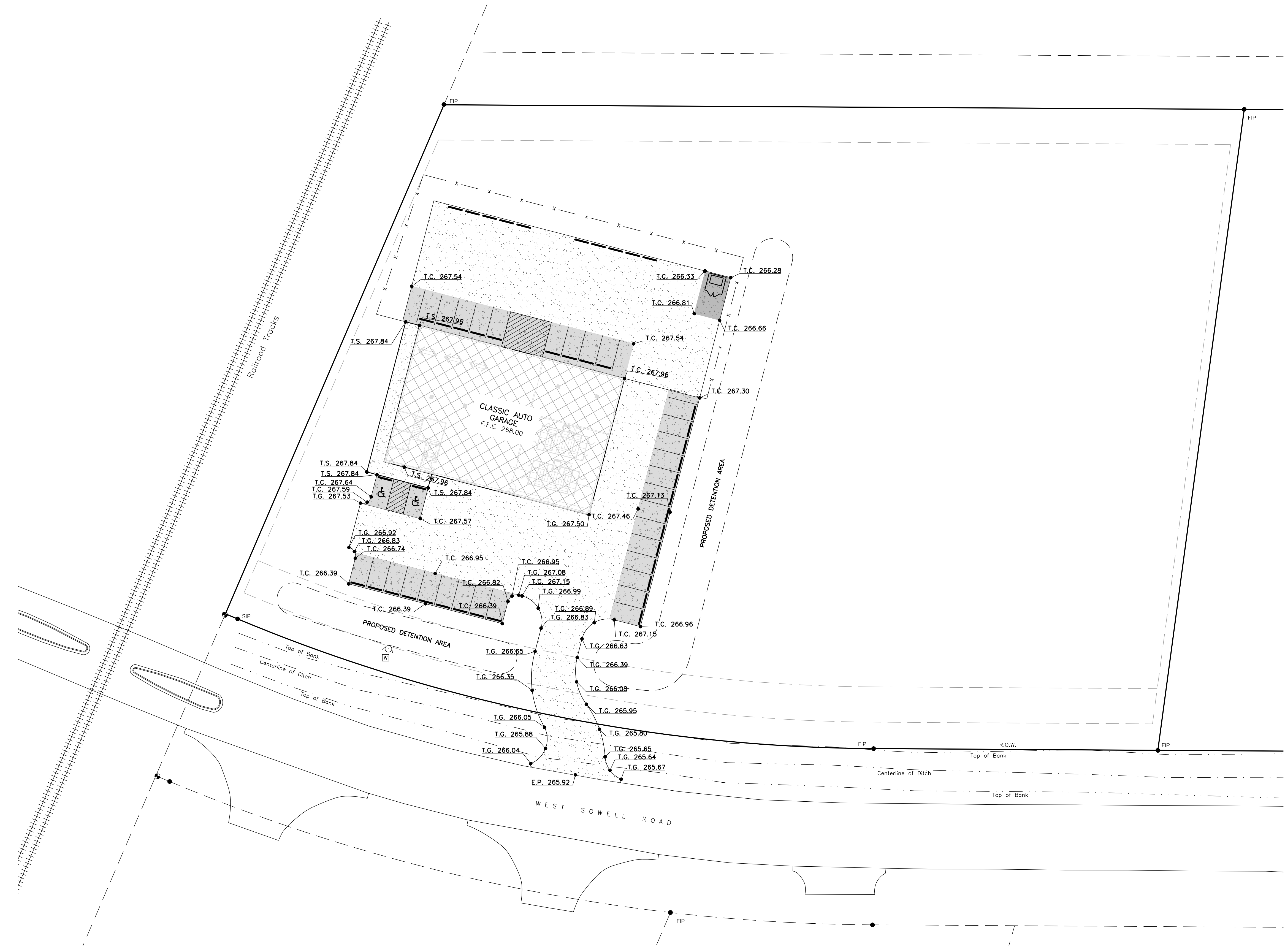
SITE PLAN
 C1.1



SITework LEGEND

-  PROPOSED BUILDING
-  PROPOSED CONCRETE SIDEWALK
-  PROPOSED HEAVY-DUTY CONCRETE PAVEMENT
-  PROPOSED LIGHT-DUTY CONCRETE PAVEMENT
-  PROPOSED CRUSHED LIMESTONE

-  T.C. 344.00 PROPOSED TOP OF CONC. PAVEMENT ELEVATION
-  T.S. 344.00 PROPOSED TOP OF SIDEWALK ELEVATION
-  T.G. 344.00 PROPOSED TOP OF CRUSHED LIMESTONE GRAVEL
-  E.P. 344.00 EXISTING EDGE OF PAVEMENT ELEVATION



Revisions				
#	Date	Nature	By	App'r.
1	4-11-22	CITY OF GLUCKSTADT COMMENTS	C.L.	R.C.M.

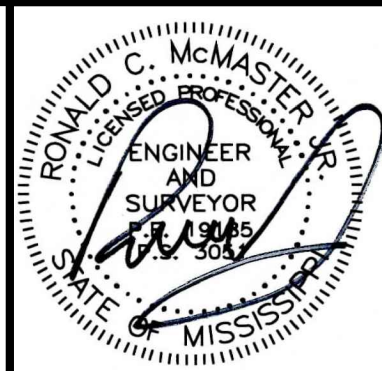
Project No.	M-2930	Designed By	R.C.M.
Date	03-16-2022	Drawn By	C.L.
Scale	SEE ABOVE	Checked By	R.C.M.

CLASSIC AUTO GARAGE
 WEST SOWELL ROAD
 GLUCKSTADT, MS

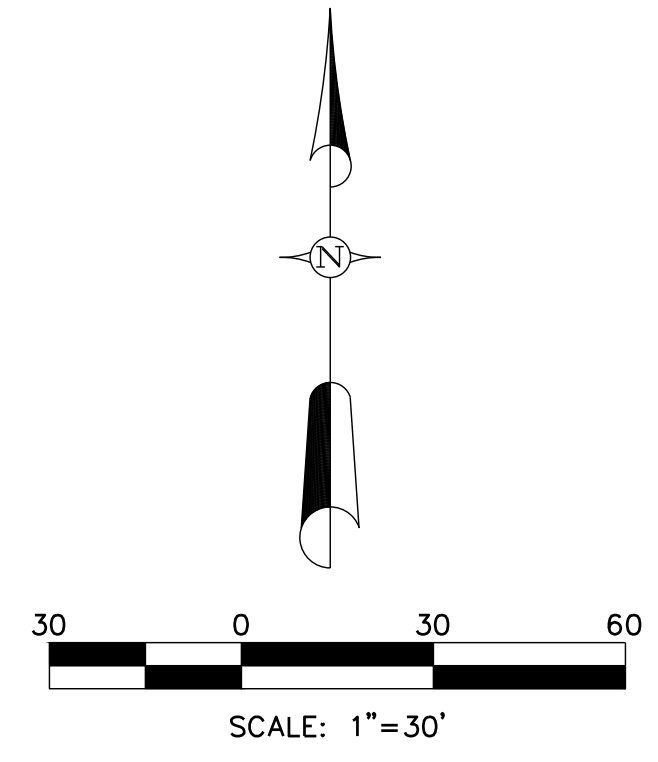
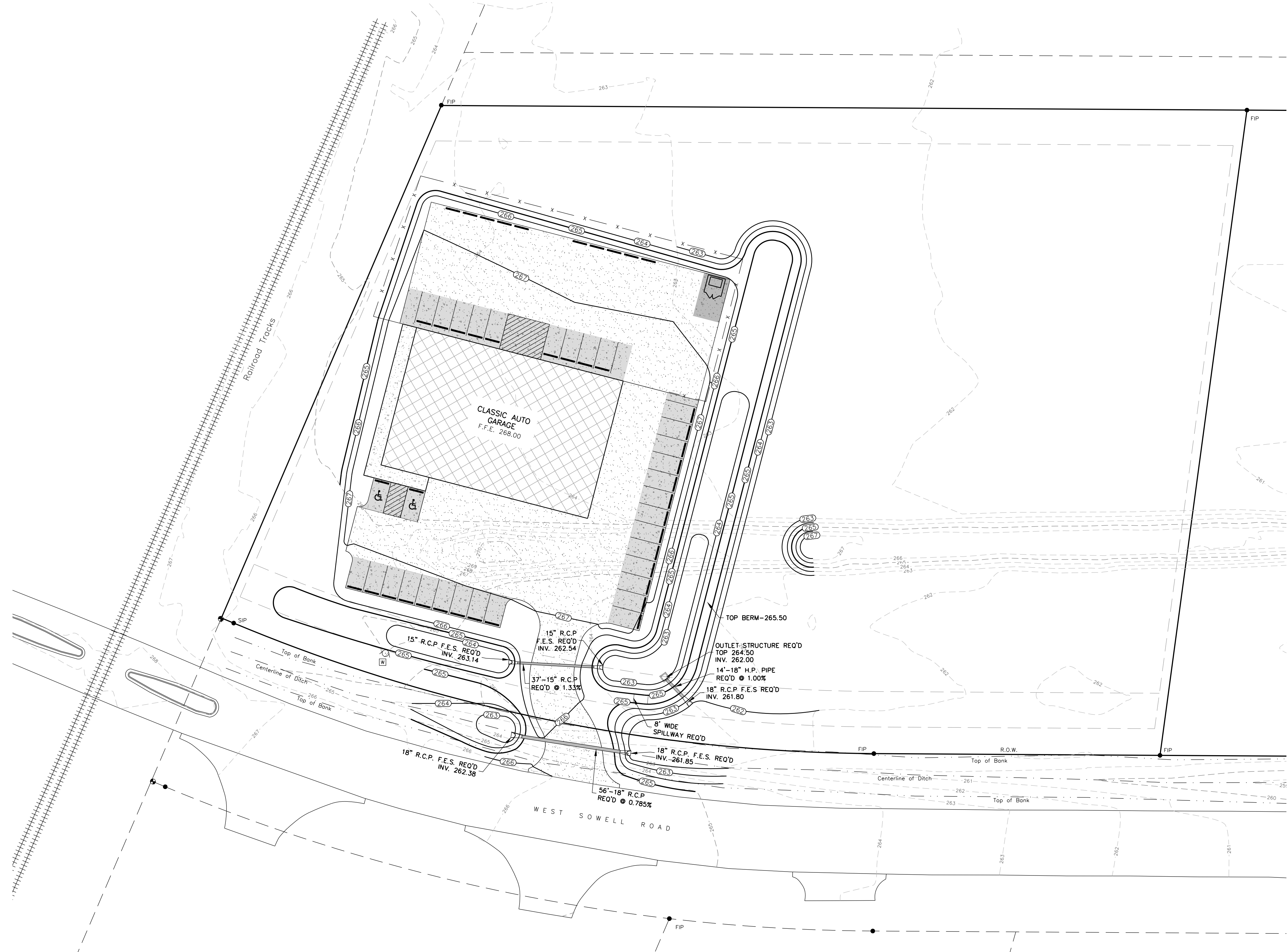


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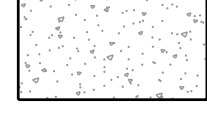
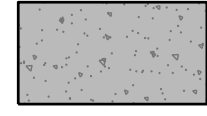
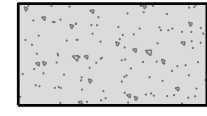
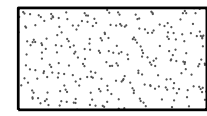


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 SUITE 300
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SPOT ELEVATIONS
C2.1



SITWORK LEGEND

-  PROPOSED BUILDING
-  PROPOSED CONCRETE SIDEWALK
-  PROPOSED HEAVY-DUTY CONCRETE PAVEMENT
-  PROPOSED LIGHT-DUTY CONCRETE PAVEMENT
-  PROPOSED CRUSHED LIMESTONE
-  EXISTING CONTOUR
-  PROPOSED CONTOUR

**HYDRAULIC INFORMATION
DETENTION BASIN**

TOTAL AVAILABLE STORAGE - 13,780 CU. FT.	
2 YEAR RUNOFF (PRE) - 4.27 CFS	25 YEAR RUNOFF (PRE) - 9.66 CFS
2 YEAR RUNOFF (POST) - 6.68 CFS	25 YEAR RUNOFF (POST) - 13.03 CFS
DETENTION OUTFLOW - 3.74 CFS	DETENTION OUTFLOW - 9.15 CFS
DETENTION MAX. ELEV. - 264.07	DETENTION MAX. ELEV. - 264.78
5 YEAR RUNOFF (PRE) - 6.48 CFS	50 YEAR RUNOFF (PRE) - 11.27 CFS
5 YEAR RUNOFF (POST) - 9.34 CFS	50 YEAR RUNOFF (POST) - 14.86 CFS
DETENTION OUTFLOW - 4.23 CFS	DETENTION OUTFLOW - 11.25 CFS
DETENTION MAX. ELEV. - 264.48	DETENTION MAX. ELEV. - 264.88
10 YEAR RUNOFF (PRE) - 8.05 CFS	100 YEAR RUNOFF (PRE) - 12.71 CFS
10 YEAR RUNOFF (POST) - 11.19 CFS	100 YEAR RUNOFF (POST) - 16.48 CFS
DETENTION OUTFLOW - 6.57 CFS	DETENTION OUTFLOW - 12.22 CFS
DETENTION MAX. ELEV. - 264.47	DETENTION MAX. ELEV. - 264.99

DRAINAGE AREA (PRE) - ±2.27 AC.
DRAINAGE AREA (POST) - ±2.27 AC.

DETENTION DATA

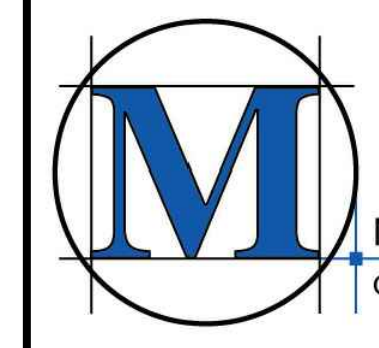
TOP OF BERM ELEV. - 265.50
BOTTOM ELEV. - ±262.00
SURFACE AREA AT TOP OF BERM - 10,000 S.F.

- NOTES:
- CONTOUR INTERVAL = 1.00 FEET.
 - BEFORE BACKFILLING AND SUBGRADE OPERATIONS COMMENCE, 98% DENSITY AND ACCEPTABLE STABILITY IS REQ'D.

Revisions				
#	Date	Nature	By	App'r.
1	4-11-22	CITY OF GLUCKSTADT COMMENTS	CL	R.C.M.

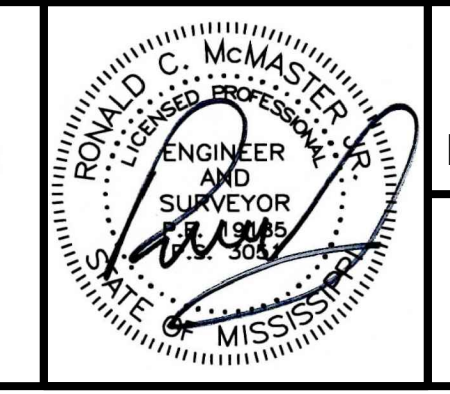
Project No.	M-2930	Designed By	R.C.M.
Date	03-16-2022	Drawn By	C.L.
Scale	SEE ABOVE	Checked By	R.C.M.

CLASSIC AUTO GARAGE
WEST SOWELL ROAD
GLUCKSTADT, MS



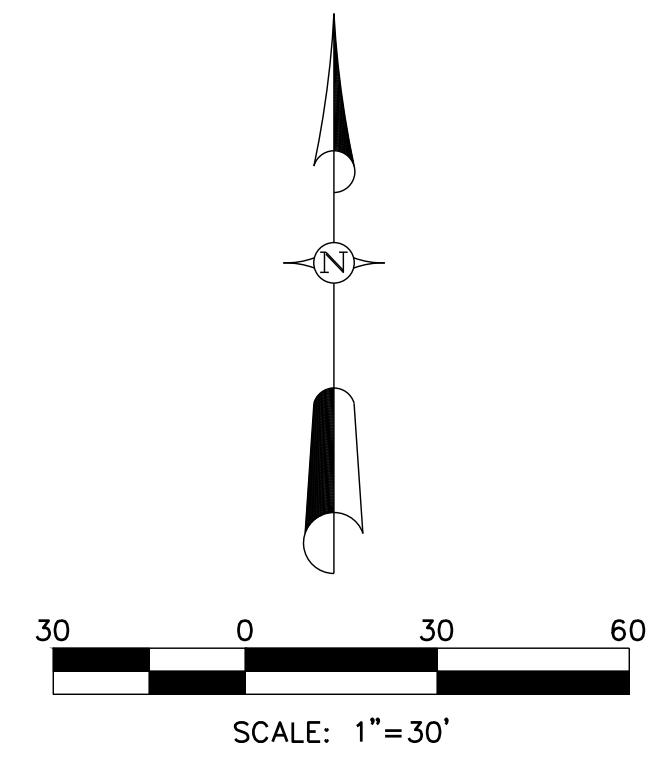
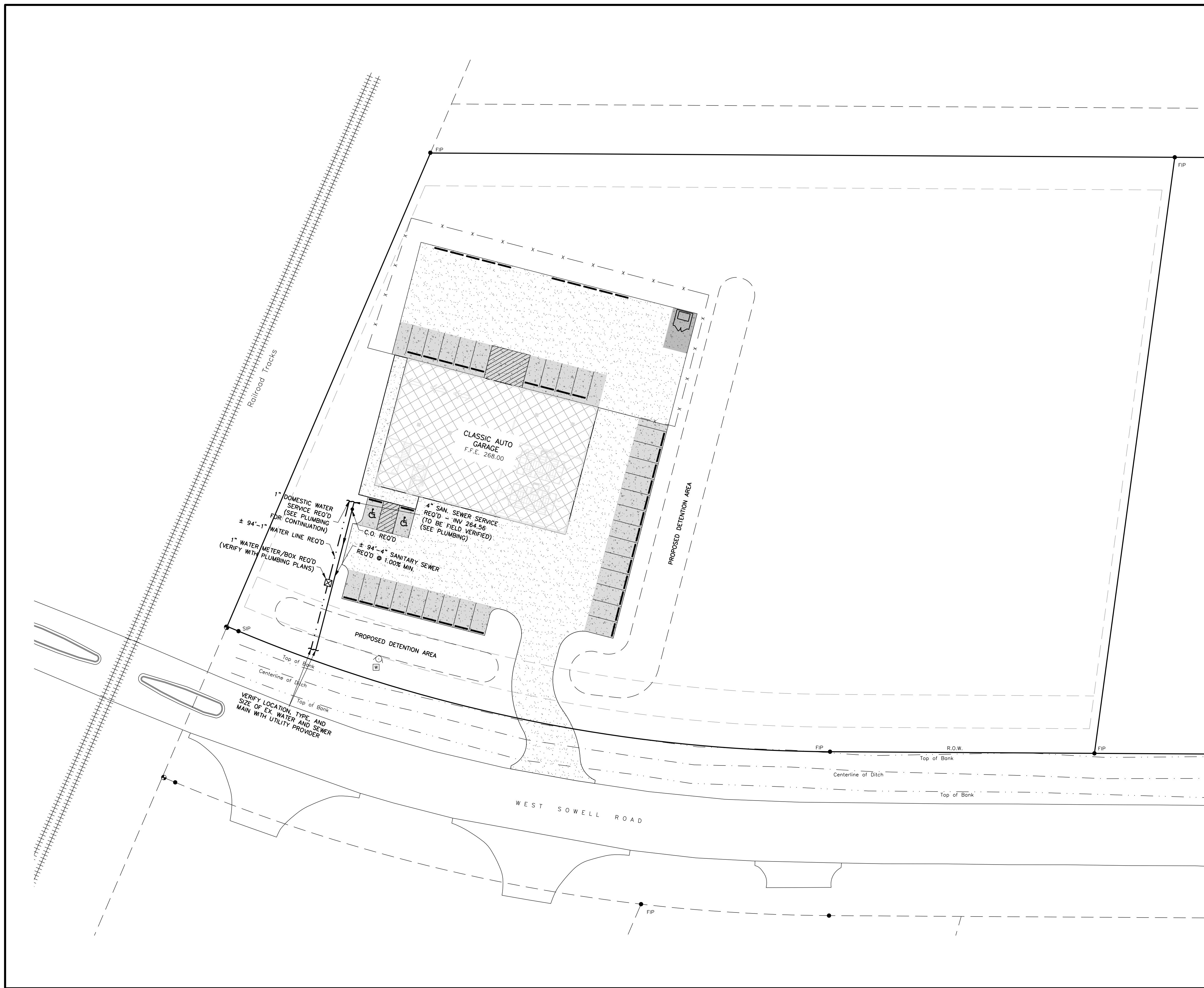
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CIVIL ENGINEERS & LAND SURVEYORS

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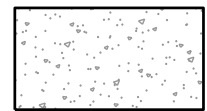


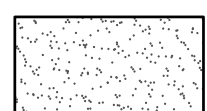


**GRADING
&
DRAINAGE PLAN**



C2.2



SITWORK LEGEND

-  PROPOSED BUILDING
-  PROPOSED CONCRETE SIDEWALK
-  PROPOSED HEAVY-DUTY CONCRETE PAVEMENT
-  PROPOSED LIGHT-DUTY CONCRETE PAVEMENT
-  PROPOSED CRUSHED LIMESTONE

UTILITY LEGEND

-  PROPOSED WATER LINE
-  PROPOSED SANITARY SEWER LINE

- NOTES:**
1. ROUTE PROPOSED UTILITIES TO AVOID CONFLICTS WITH EXISTING AND PROPOSED IMPROVEMENTS.
 2. CONTRACTOR IS RESPONSIBLE FOR ALL PUBLIC UTILITY CONNECTIONS (ELECTRIC, WATER, GAS, SEPTIC, SEWER) AS WELL AS PROVIDING ALL INFRASTRUCTURES REQUIRED BY UTILITY COMPANY AND MUST POSSESS THE PROPER CREDENTIALS TO WORK WITHIN THE RIGHT OF WAY.
 3. SEE PLUMBING FOR CONTINUATION OF WATER AND SANITARY SEWER CONNECTIONS AT THE PROPOSED BUILDING.
 4. THE OWNER/CONTRACTOR SHALL COORDINATE WITH GAS, COMMUNICATIONS AND ELECTRICAL PROVIDERS TO BRING SERVICES TO THE PROPOSED BUILDING.

Revisions				
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1	4-11-22	CITY OF GLUCKSTADT COMMENTS	C.L.	R.C.M.

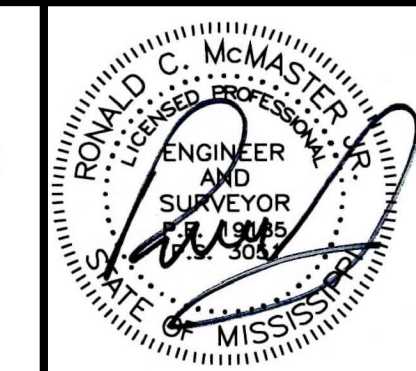
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CLASSIC AUTO GARAGE
 WEST SOWELL ROAD
 GLUCKSTADT, MS

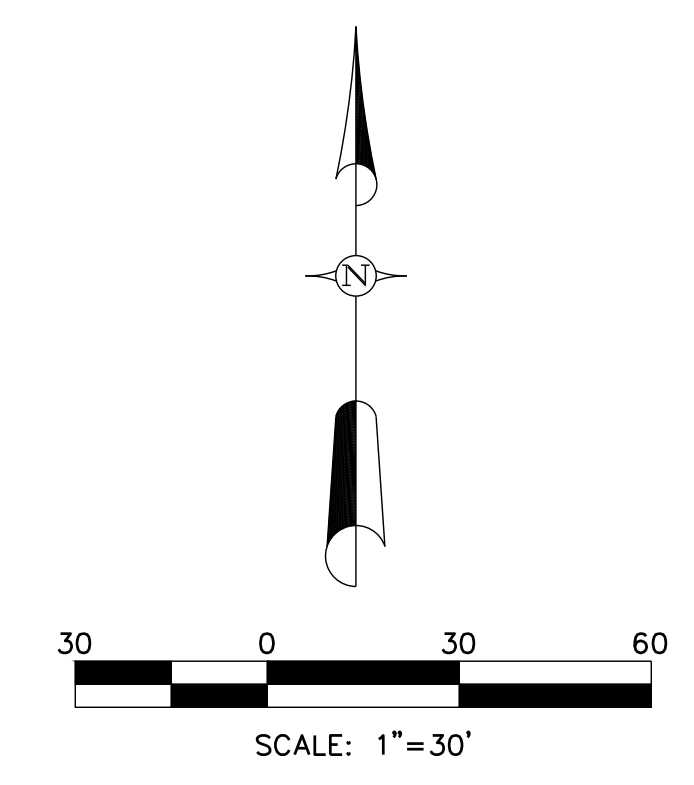
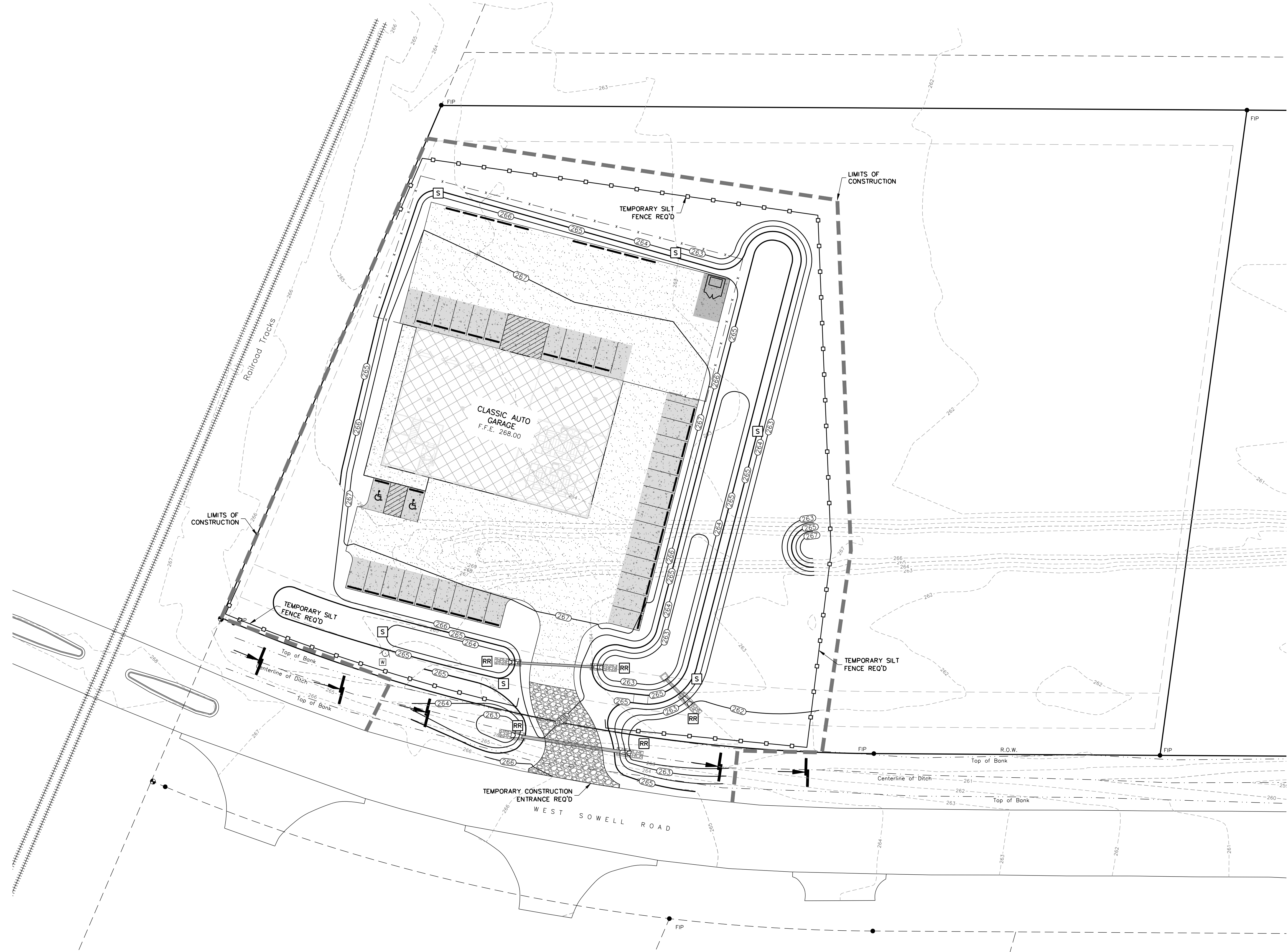


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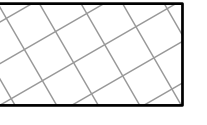
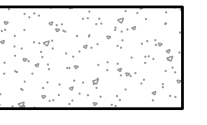
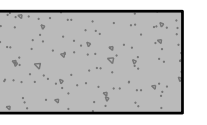
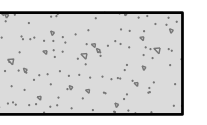
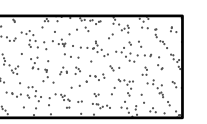
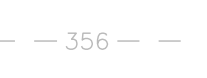
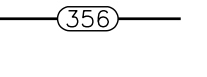
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

UTILITY PLAN
C3.1



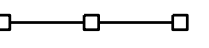
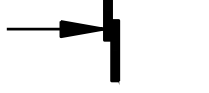
SITWORK LEGEND

-  PROPOSED BUILDING
-  PROPOSED CONCRETE SIDEWALK
-  PROPOSED HEAVY-DUTY CONCRETE PAVEMENT
-  PROPOSED LIGHT-DUTY CONCRETE PAVEMENT
-  PROPOSED CRUSHED LIMESTONE
-  EXISTING CONTOUR
-  PROPOSED CONTOUR

PERMANENT EROSION CONTROL PRACTICES

-  TEMPORARY AND PERMANENT SEEDING
-  RIPRAP

TEMPORARY EROSION CONTROL PRACTICES

-  SILT FENCE
-  EROSION CHECK (WATTLE)

- NOTES:**
- CONTRACTOR SHALL KEEP ALL EXISTING STREETS FREE AND CLEAN OF DEBRIS AND SEDIMENT DURING CONSTRUCTION.
 - ALL CURB AND AREA INLETS SHALL BE PROTECTED BY SILT FENCE AND WATTLES FOLLOWING INSTALLATION.
 - CONTRACTOR SHALL MAINTAIN INLET PROTECTION UNTIL FINAL STABILIZATION.
 - FOLLOW PLANNING AND DESIGN MANUAL (DEQ) FOR STORMWATER MANAGEMENT.

Revisions				
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1	4-11-22	CITY OF GLUCKSTADT COMMENTS	CL	R.C.M.

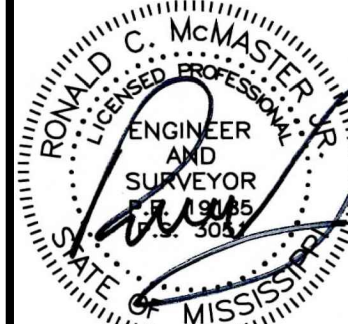
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CLASSIC AUTO GARAGE
WEST SOWELL ROAD
GLUCKSTADT, MS



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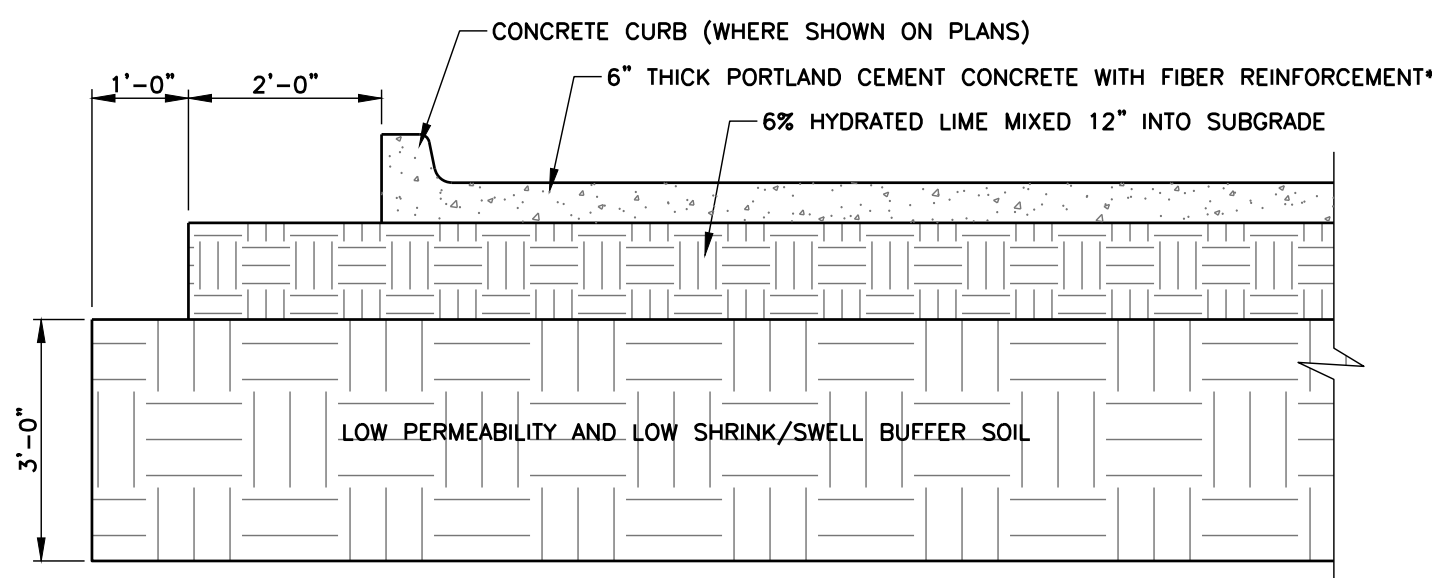
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RONALD C. McMASTER
ENGINEER AND SURVEYOR
MISSISSIPPI

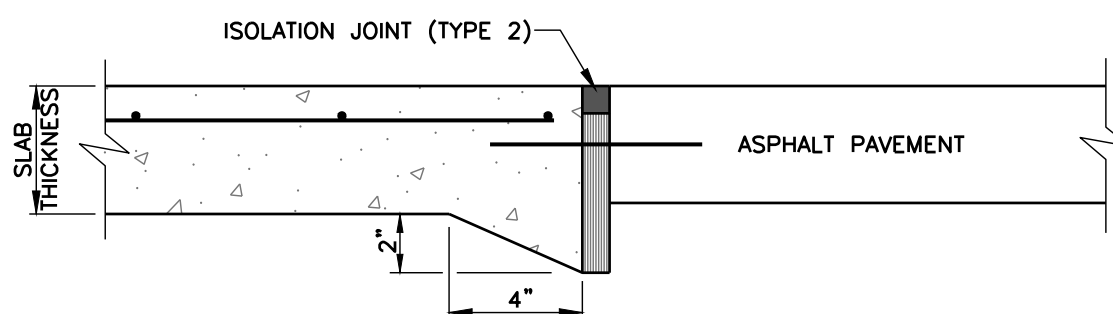
EROSION CONTROL PLAN

C4.1

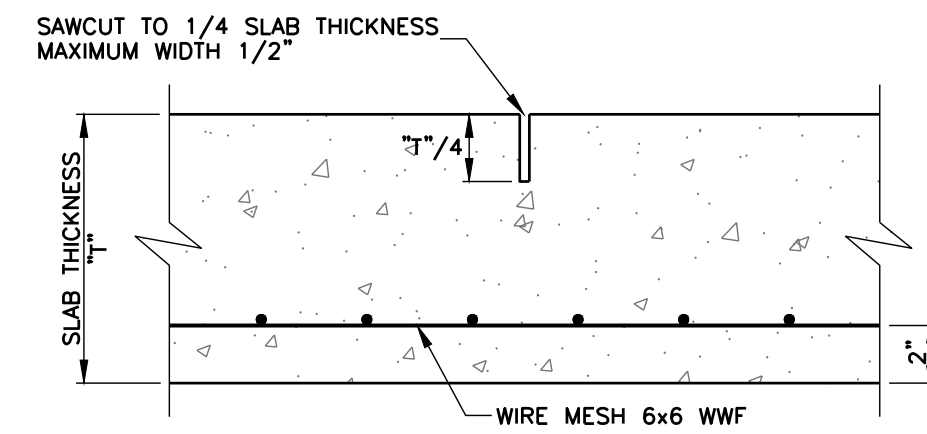


LIGHT DUTY PORTLAND CEMENT CONCRETE PAVEMENT SECTION
N.T.S.

NOTE: FILL MATERIALS SHOULD CONSIST OF SELECT NON-ORGANIC AND DEBRIS-FREE SILTY CLAYS (CL) HAVING A PLASTICITY INDEX (PI) WITHIN THE RANGE OF 10 TO 24, A LIQUID LIMIT LESS THAN 45, AND NOT LESS THAN 70% FINES PASSING THE 200 SIEVE. THE USE OF SANDS (SC, SM OR SP) AS SELECT FILL MATERIALS SHALL NOT BE ALLOWED. (SEE GEOTECHNICAL REPORT FOR FURTHER REQUIREMENTS)
*WITHIN THE DUMPSTER PAD, CONCRETE SHALL 8" THICK BE REINFORCED WITH STEEL #4 BARS AT 16" O.C. EACH WAY.

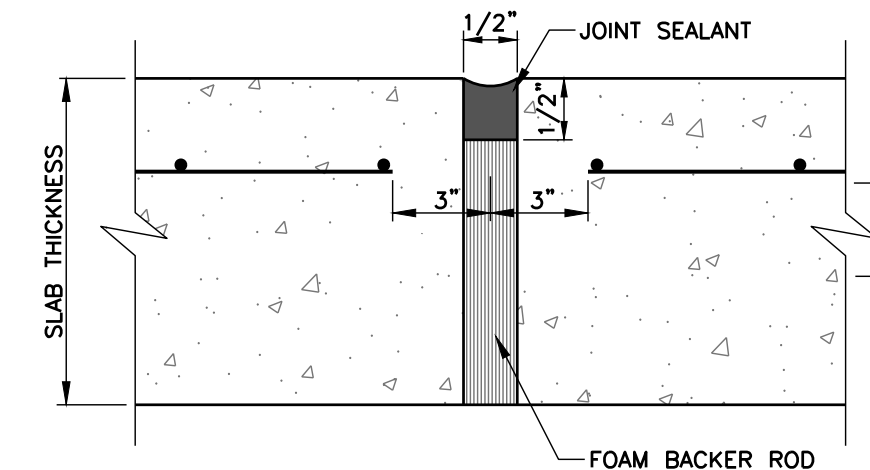


THICKENED EDGE WITH ISOLATION JOINT (TYPE 2)

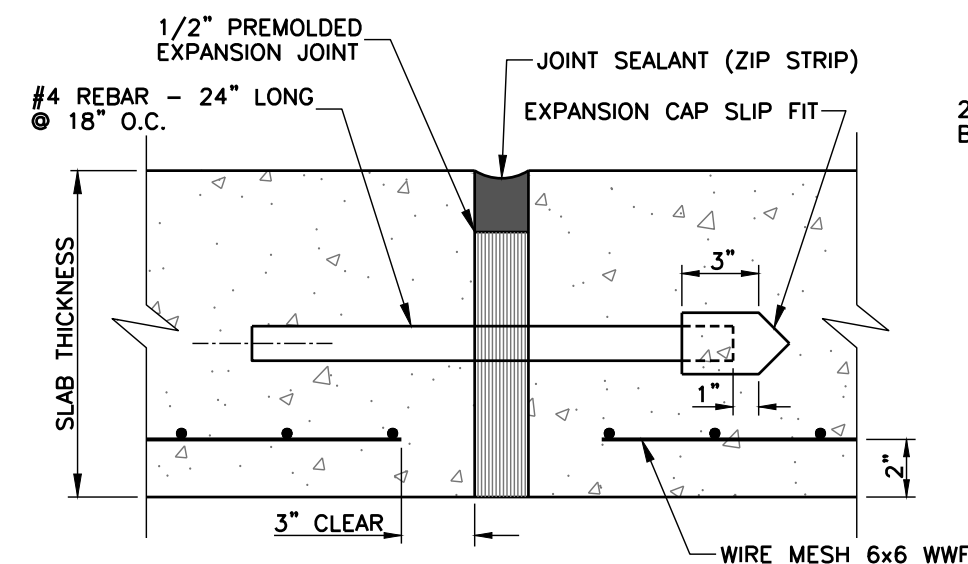


NOTE: CONTRACTION JOINTS TO BE SPACED EVERY 15' MAX.

CONTRACTION JOINTS IN CONCRETE

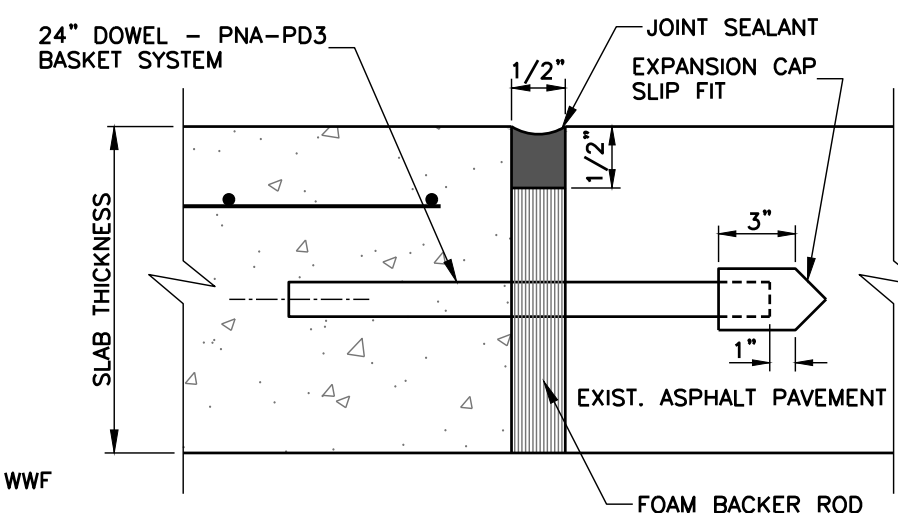


ISOLATION JOINT (TYPE 1)



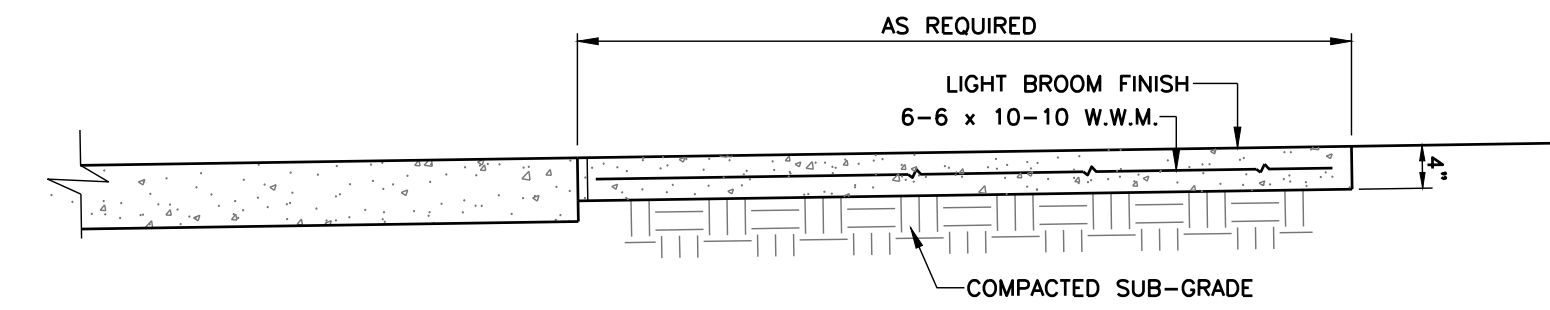
NOTE: EXPANSION JOINTS TO BE SPACED EVERY 50' MAX.

EXPANSION JOINTS IN CONCRETE



ISOLATION JOINT (TYPE 2)

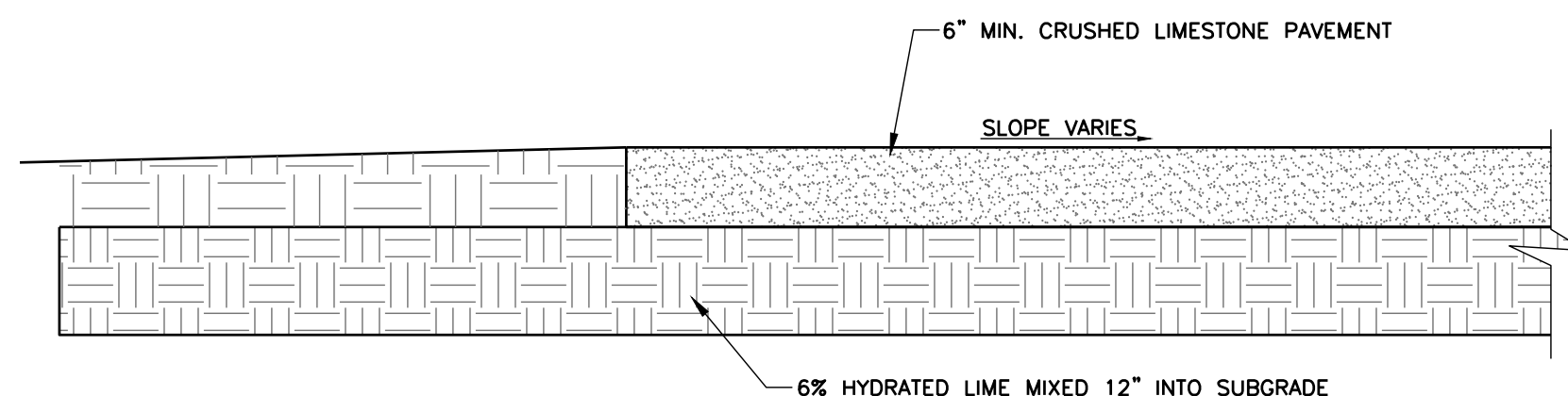
CONCRETE JOINT DETAILS
N.T.S.



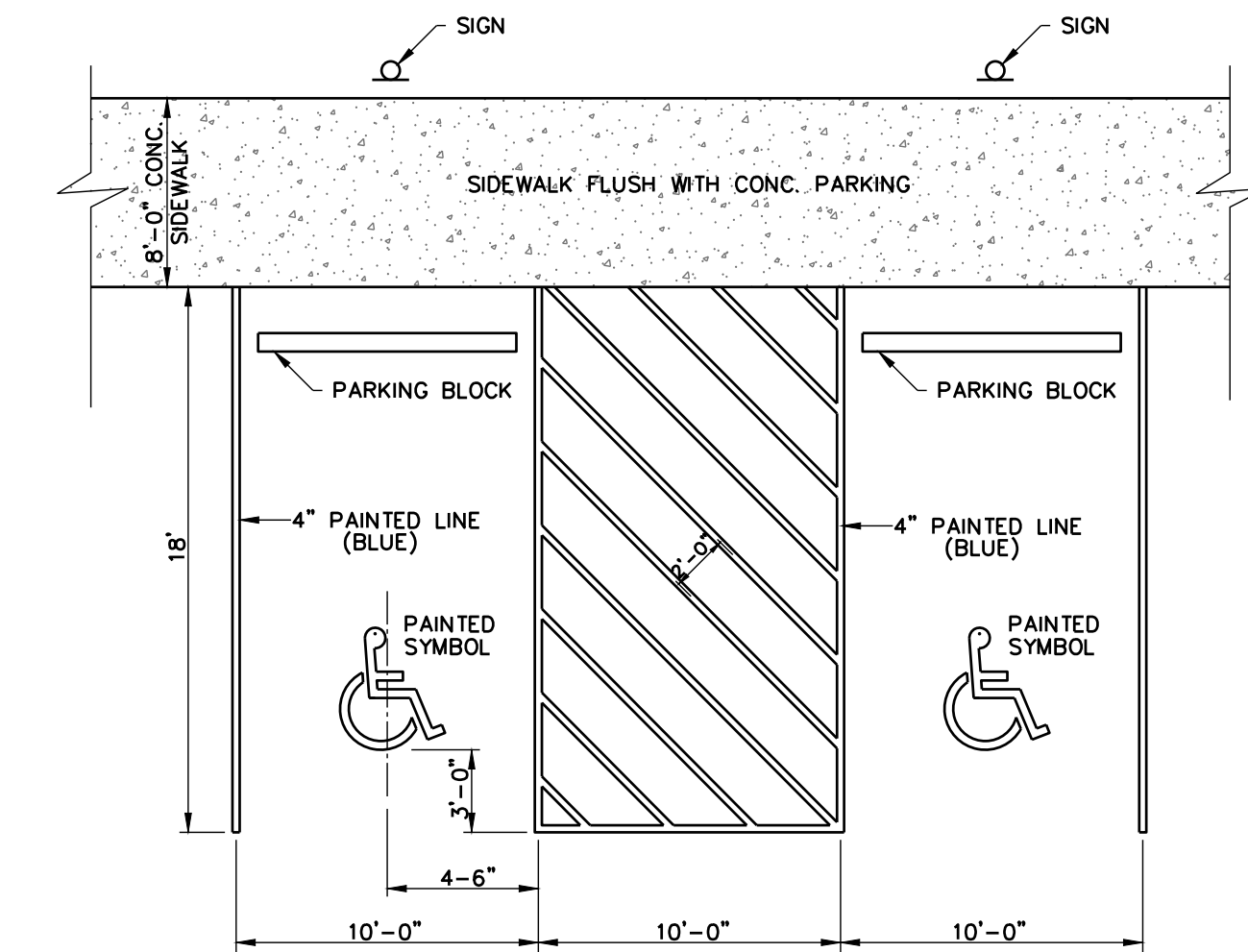
CONCRETE SIDEWALK DETAIL
N.T.S.

NOTES:

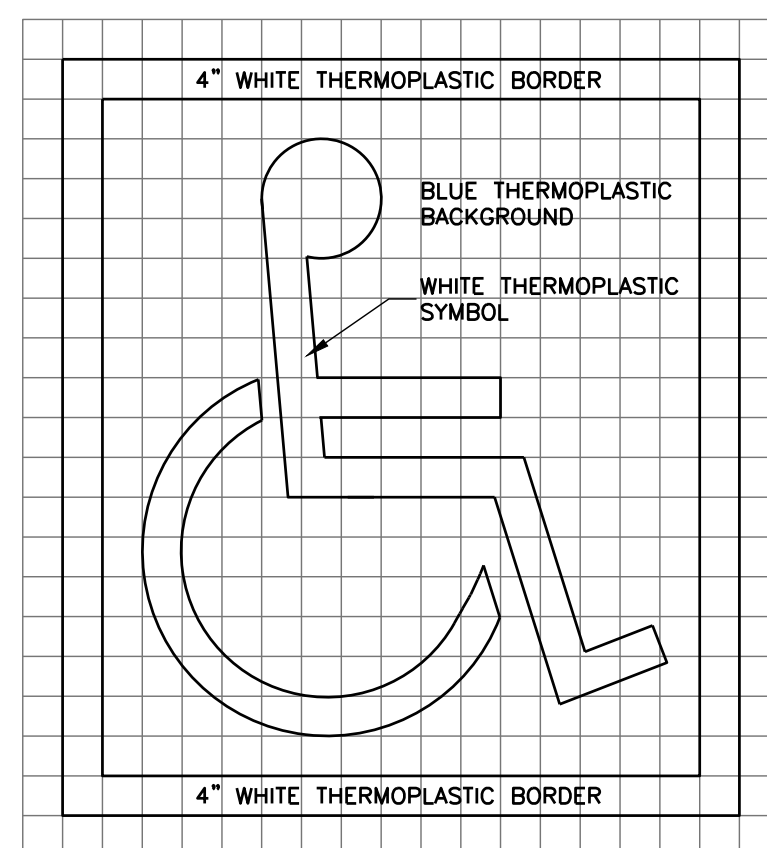
1. PROVIDE CONTRACTION JOINTS AT 6'-0" O.C. AND EXPANSION JOINTS AT 48'-0" O.C., AND AT INTERSECTION OF WALKS.
2. CONTRACTION JOINTS SHALL BE A MINIMUM OF 1" OF DEPTH AND A MAXIMUM OF 1/4 DEPTH OF THE PAVEMENT. EDGES SHALL BE TOOLED TO A 1/4" RADIUS.
3. EXPANSION JOINTS SHALL BE 1/2" IN WIDTH AND FILLED WITH PREMOULDED EXPANSION JOINT FILLER TO WITHIN 1/2" OF THE SURFACE. EDGES SHALL BE TOOLED TO A 1/4" RADIUS AND SEALED FLUSH WITH AN APPROVED SEALANT.
4. MAX. SLOPE IN RUN OF SIDEWALKS TO BE 5% MAX. CROSSLOPE TO BE 2%.
5. SPECIFICATIONS FOR ALL CONCRETE AND REINFORCEMENT ARE AS FOLLOWS:
CONCRETE: 4,000 PSI IN 28 DAYS
REINFORCING STEEL: PER ASTM A-615, GRADE 60
6. PROVIDE FULL DEPTH EXPANSION JOINT IN ALL LOCATIONS WHERE SIDEWALK ABUTTS CURBS, INLETS, WALLS, FOUNDATIONS, AND OTHER FIXED OBJECTS.



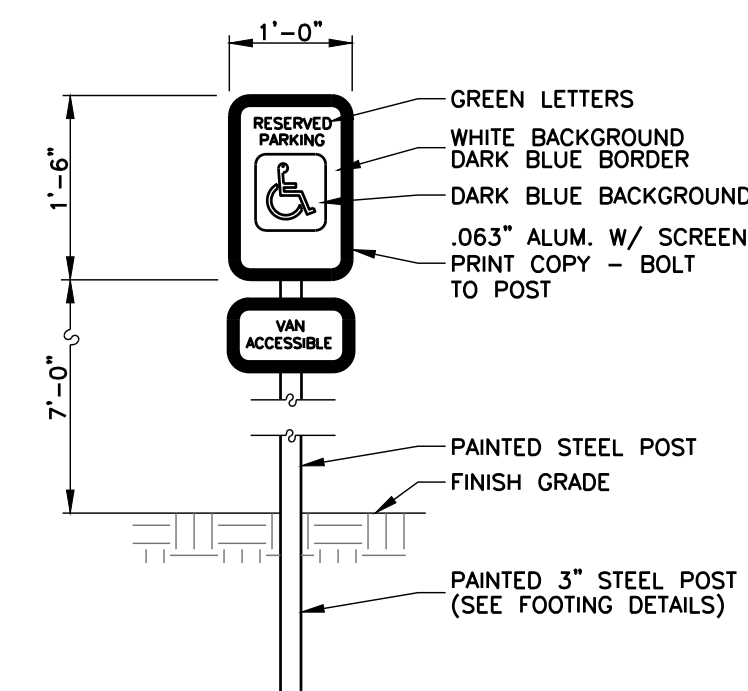
CRUSHED LIMESTONE PAVEMENT SECTION
N.T.S.



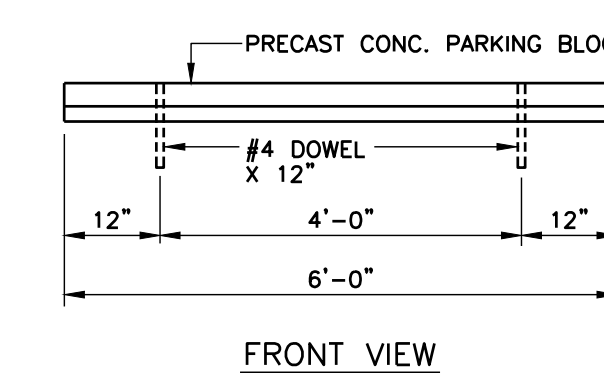
HANDICAP PARKING AND ACCESSIBLE RAMP DETAILS
N.T.S.



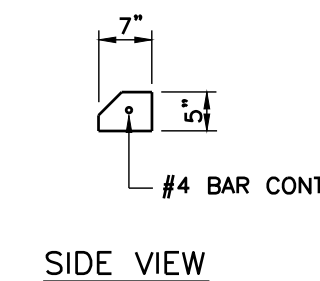
4"x4" GRID PROVIDED FOR LAYOUT OF SYMBOL. PROVIDE THERMOPLASTIC COLORS IN ACCORDANCE WITH ADA AND LOCAL REQUIREMENTS (TYPICALLY WHITE SYMBOL ON BLUE BACKGROUND INSIDE WHITE BORDER)
TYPICAL THERMOPLASTIC ACCESSIBLE SYMBOL FOR PAVEMENT
N.T.S.



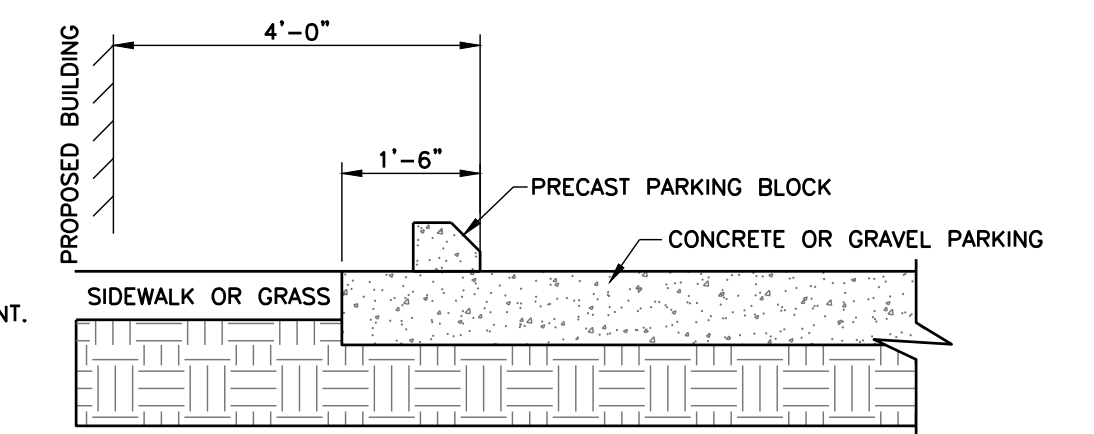
SIGN AT HANDICAP PARKING SPACE
N.T.S.



FRONT VIEW



PARKING BLOCK DETAILS
N.T.S.



SECTION

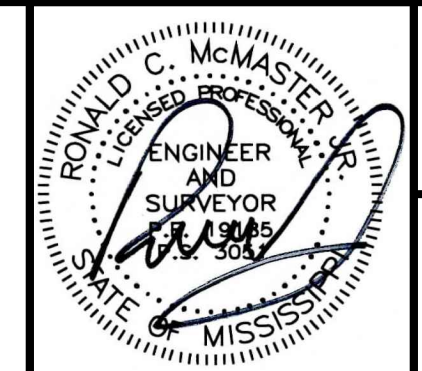
Revisions				
#	Date	Nature	By	Appr.
1	4-11-22	CITY OF GLUCKSTADT COMMENTS	C.L.	R.C.M.

Project No.	M-2930	Designed By	R.C.M.
Date	03-16-2022	Drawn By	C.L.
Scale	SEE ABOVE	Checked By	R.C.M.

CLASSIC AUTO GARAGE
WEST SOWELL ROAD
GLUCKSTADT, MS

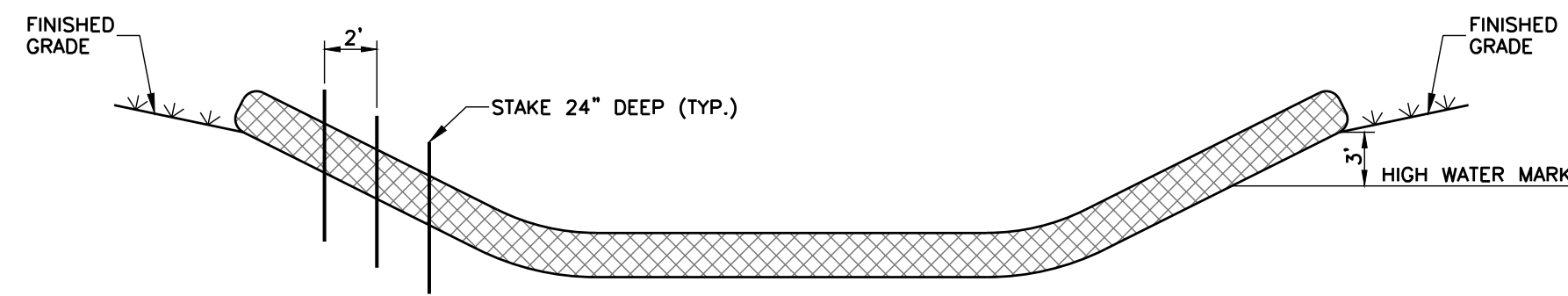


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MISCELLANEOUS
DETAILS

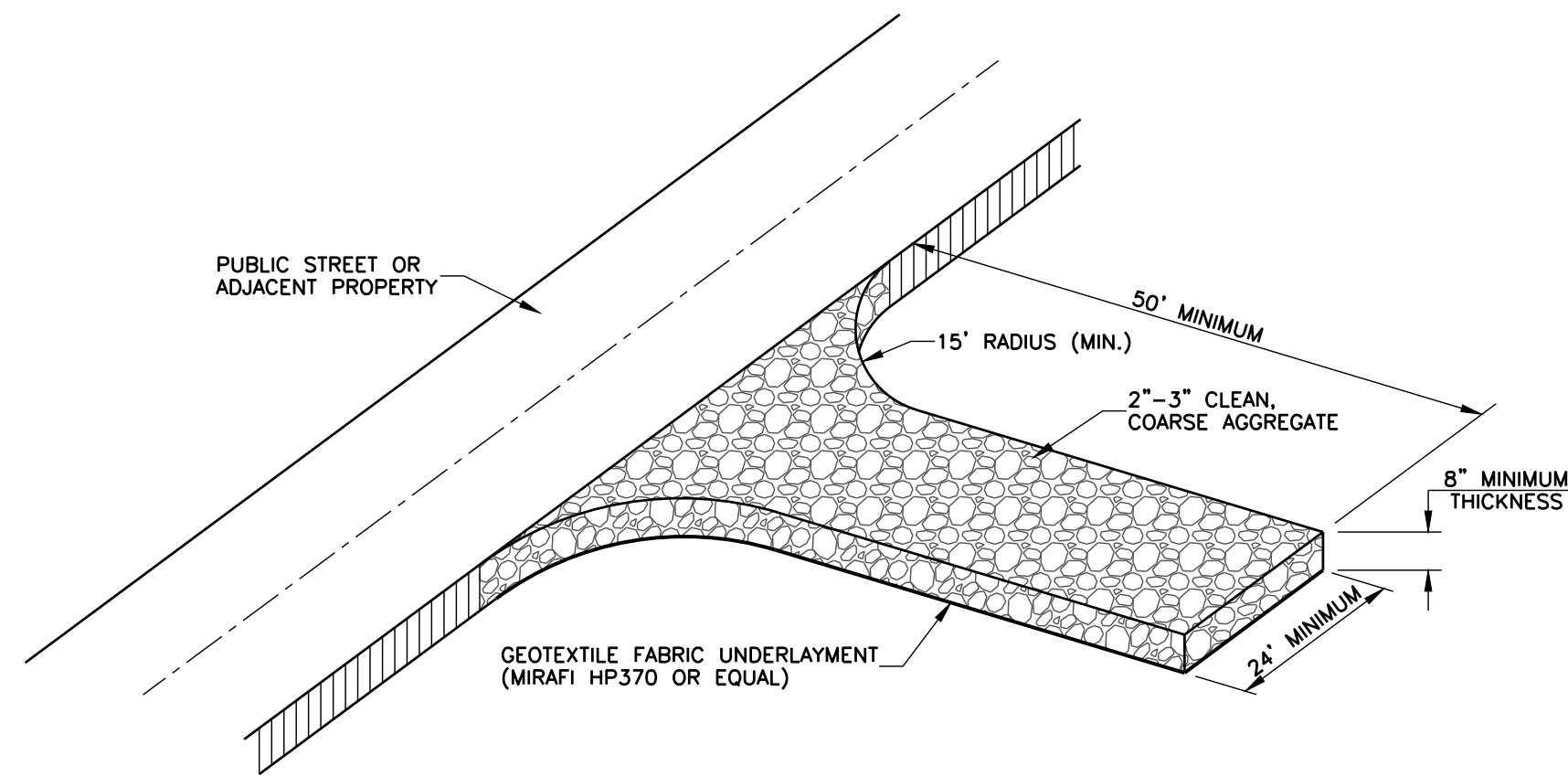
C5.1



WATTLE INSTALLATION CRITERIA:

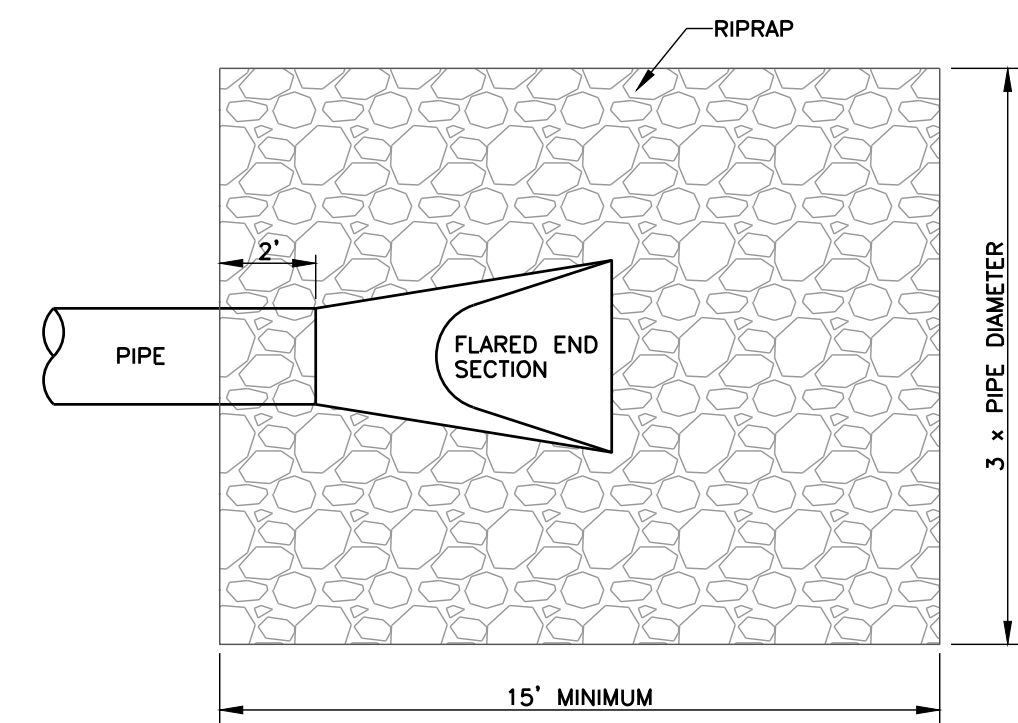
MAY BE INSTALLED FLAT ON THE GROUND OR ENTRENCHED.
 MAY BE INSTALLED OVER BARE SOIL OR OVER EROSION CONTROL BLANKETS AND ON STEEP SLOPES.
 SHOULD REMAIN IN PLACE UNTIL VEGETATION IS FULLY ESTABLISHED AND CAN SURVIVE ON ITS OWN.
 TYPICALLY SECURED TO THE SUBGRADE SOIL USING A 1-INCH BY 1-INCH WOOD STAKE. STAKES SHOULD BE PLACED EVERY TWO FEET ACROSS THE LENGTH OF THE SEDIMENT TUBE. STAKES SHOULD BE INTERTWINED WITH OUTER MESH ON THE DOWNSTREAM SIDE AND DRIVEN INTO THE GROUND A MINIMUM OF 24 INCHES. STAKES ARE NOT TO BE DRIVEN THROUGH THE WATTLES.
 WATTLES PLACED IN SWALES OR CHANNEL BOTTOMS SHOULD CONTINUE UP THE SIDE SLOPES THREE FEET ABOVE THE ANTICIPATED HIGH WATER MARK AND PERPENDICULAR TO THE FLOW OF WATER.

WATTLE INSTALLATION DETAIL
N.T.S.

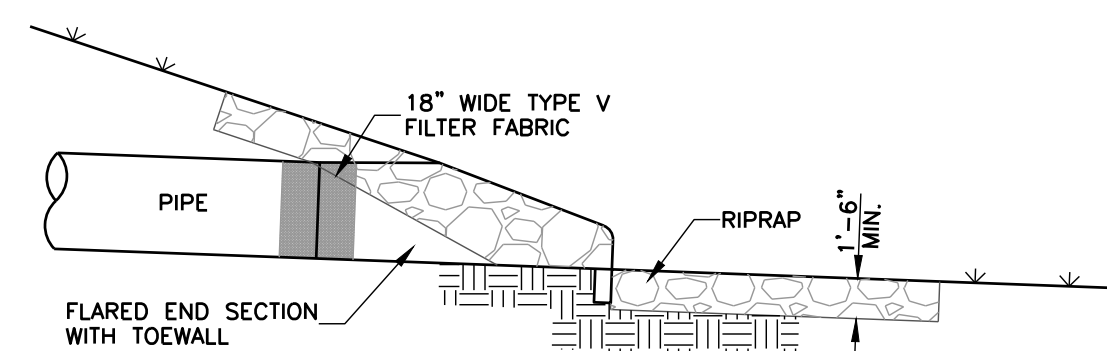


ISOMETRIC VIEW

CONSTRUCTION ENTRANCE DETAIL
N.T.S.

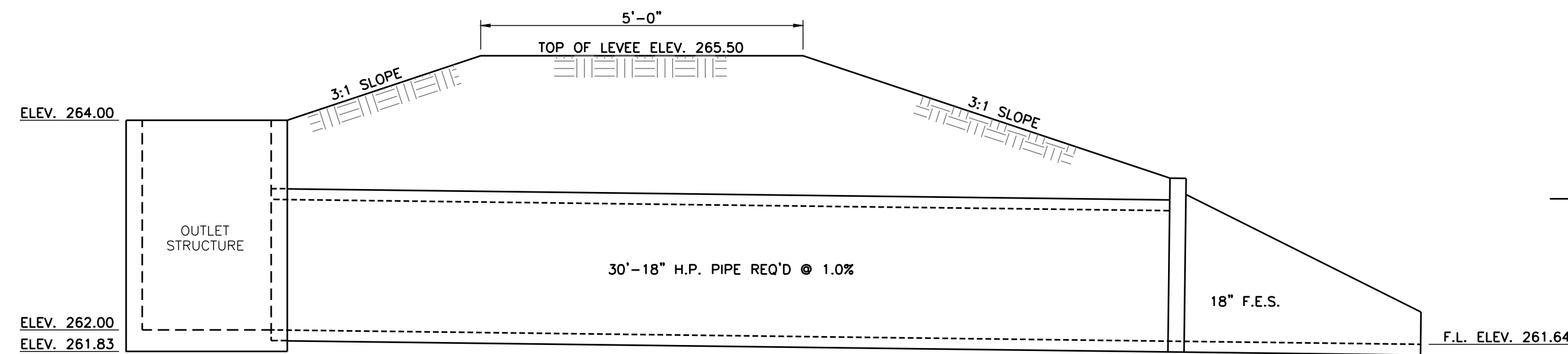


PLAN VIEW

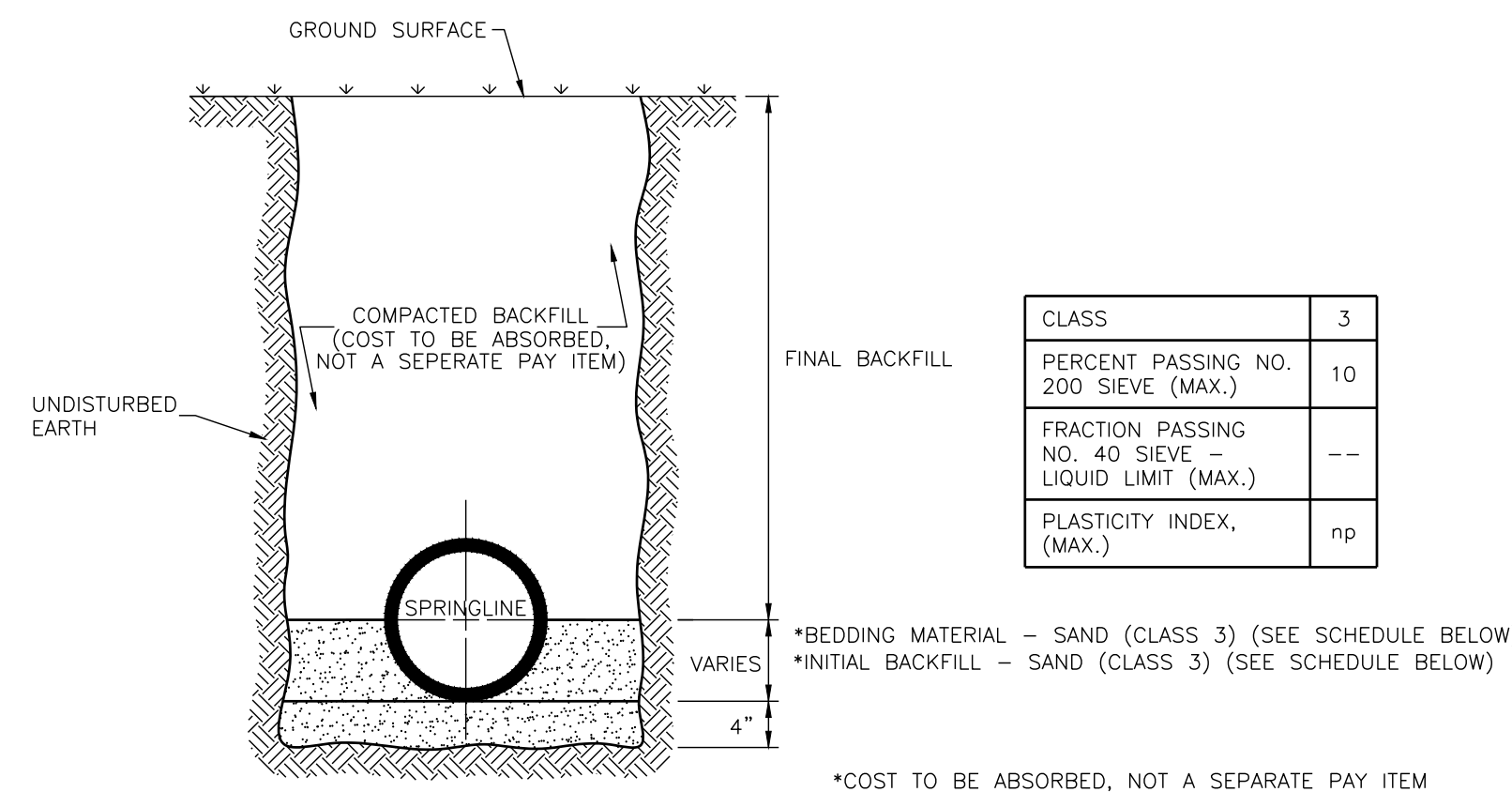


SECTION

FLARED END SECTION WITH RIPRAP DETAILS
N.T.S.



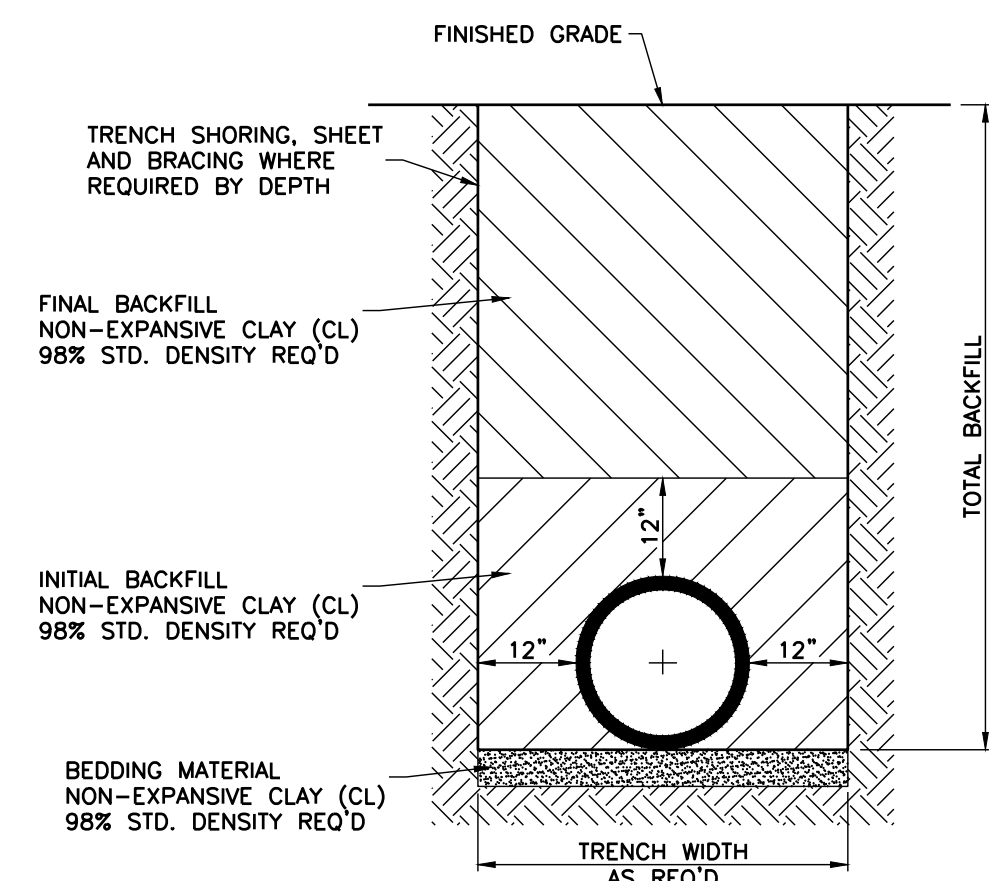
SECTION OF LEVEE AT OUTLET STRUCTURE
N.T.S.



CLASS	3
PERCENT PASSING NO. 200 SIEVE (MAX.)	10
FRACTION PASSING NO. 40 SIEVE - LIQUID LIMIT (MAX.)	--
PLASTICITY INDEX (MAX.)	np

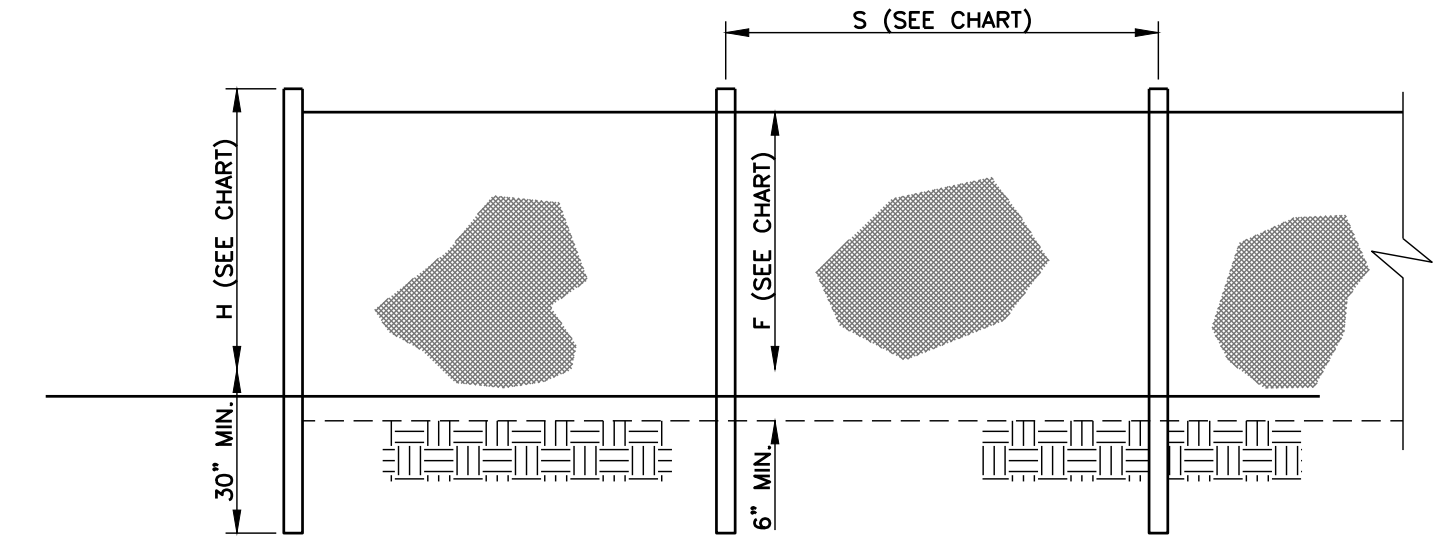
*BEDDING MATERIAL - SAND (CLASS 3) (SEE SCHEDULE BELOW)
 *INITIAL BACKFILL - SAND (CLASS 3) (SEE SCHEDULE BELOW)
 *COST TO BE ABSORBED, NOT A SEPARATE PAY ITEM

TYPICAL TRENCH CROSS-SECTION FOR CORRUGATED POLYPROPYLENE PIPE (H.P.) AND CORRUGATED METAL PIPE (C.M.A.P.)

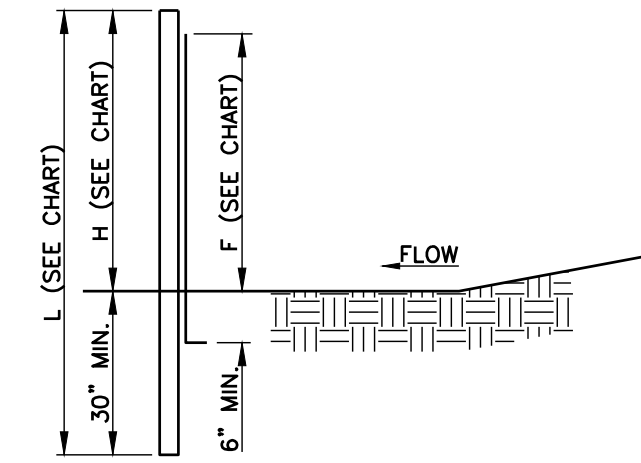


TYPICAL TRENCH CROSS-SECTION FOR CONCRETE STORM SEWER

NOTES:
 1. ALL CONCRETE STORM DRAIN PIPE JOINTS SHALL BE WRAPPED WITH FILTER FABRIC BEFORE BACKFILLING. COST TO BE ABSORBED, NOT A SEPARATE PAY ITEM.
 2. ALL COST FOR EXCAVATION, HAUL-OFF, IMPORT AND BACKFILL SHALL BE ABSORBED BY THE CONTRACTOR.



ELEVATION



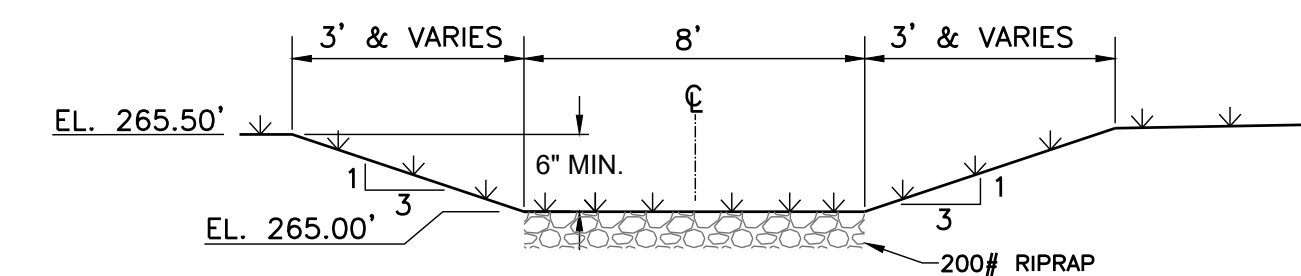
SECTION

POST SIZE, MATERIAL AND SPACING CHART	WITHOUT BACKING		WITH BACKING	
	MIN. LENGTH (L)	MIN. HEIGHT (H)	MIN. SPACING (S)	MIN. FABRIC WIDTH
MATERIAL	1 1/2 (RIVET STEEL)	1 1/2 (RIVET STEEL)	1 1/2 (RIVET STEEL)	1 1/2 (RIVET STEEL)
TENSILE STRENGTH (LBS. MIN. ST.) (ASTM-A662)	WARF - 130	FILL - 150	WARF - 150	FILL - 200
ELONGATION (IN. MAX.) (ASTM-A662)	30	---	---	---
APCS (APPROXIMATE OPENING SIZE) (MAX. SIEVE SIZE) (ASTM-D-4751)	#30	#70	#30	#70
FLOW RATE (GAL./MIN./SQ. FT.) (COT-80) (MAX.)	4	18	4	18
ULTRAVIOLET STABILITY (H) (ASTM D-4354) (AFTER 300 HOURS)	70	90	70	90
WEATHERING IN ACCORDANCE WITH AASHTO M-288	---	---	---	---
TENSILE STRENGTH (LBS. MIN. ST.) (ASTM-A662)	150	400	150	400
MIN. FABRIC WIDTH (INCHES) - 4.8"	16	16	16	16

NOTES:

- USE SILT FENCE WITHOUT BACKING UNLESS OTHERWISE NOTED.
- SILT FENCE SHALL BE INSTALLED USING A MECHANICAL TRENCHING MACHINE.
- FABRIC, IN AREAS WHERE ROCK PROHIBITS PROPER EMBEDMENT, SHALL BE SECURED BY PLACING CLEAN CRUSHED STONE OR SAND ALONG THE BASE OF THE FENCE, 20 POUNDS OF STONE OR SAND PER FOOT, MINIMUM.
- FILTER FABRIC SHALL BE FASTENED TO POSTS WITH A MINIMUM OF FIVE WIRES OR PLASTIC ZIP TIES WITH A MINIMUM OF 50 LBS. TENSILE STRENGTH.
- CONTRACTOR SHALL PERIODICALLY REMOVE ACCUMULATED SEDIMENT WHEN SEDIMENT DEPTH REACHES 12".

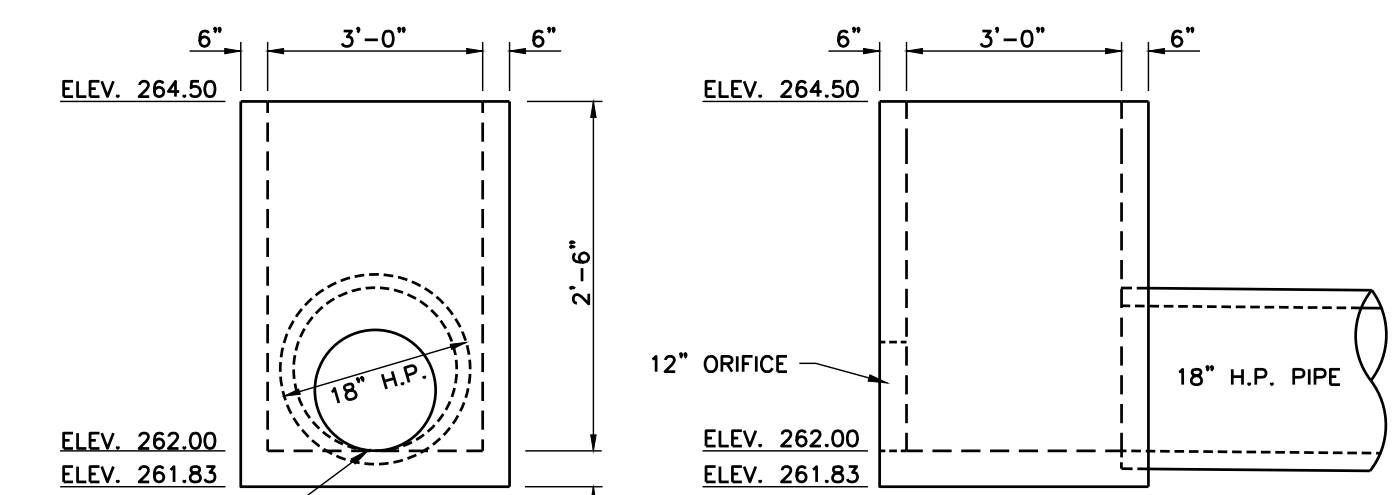
SILT FENCE INSTALLATION DETAILS
N.T.S.



EMERGENCY SPILLWAY

NOTES:

- ELEVATIONS SHOWN ARE TYPICAL AT TOP OF LEVEE.
- SPILLWAY SHALL REQUIRE IMMEDIATE FERTILIZING, SEEDING, AND MULCHING AS SPECIFIED TO ENSURE A COMPLETE STAND OF GRASS EXCEPT WHERE RIP RAP IS REQUIRED. ADDITIONAL EROSION CONTROL MAY BE REQ'D AS FIELD CONDITIONS WARRANT.



FRONT VIEW

SIDE VIEW

OUTLET STRUCTURE DETAILS
N.T.S.

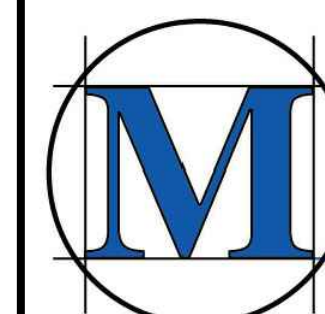
NOTES:

SPECIFICATIONS FOR ALL CONCRETE AND REINFORCEMENT IN OUTLET STRUCTURE ARE AS FOLLOWS:
 CONCRETE: 4,000 PSI IN 28 DAYS
 REINFORCING STEEL: PER ASTM A-615, GRADE 60 (NO. 4 BARS AT 8" O.C. EACH WAY, ALL SIDES AND BOTTOM)
 REINFORCING TO MEET AASHTO HS20-44 LOADING

Revisions			
#	Date	Nature	By
1	4-11-22	CITY OF GLUCKSTADT COMMENTS	R.C.M.

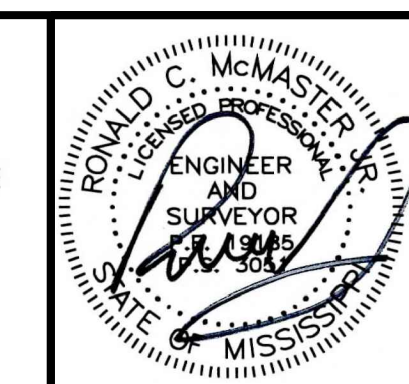
Project No.	M-2930	Designed By	R.C.M.
Date	03-16-2022	Drawn By	C.L.
Scale	SEE ABOVE	Checked By	R.C.M.

CLASSIC AUTO GARAGE
 WEST SOWELL ROAD
 GLUCKSTADT, MS



M-McMASTER & ASSOCIATES, INC.
 CIVIL ENGINEERS & LAND SURVEYORS

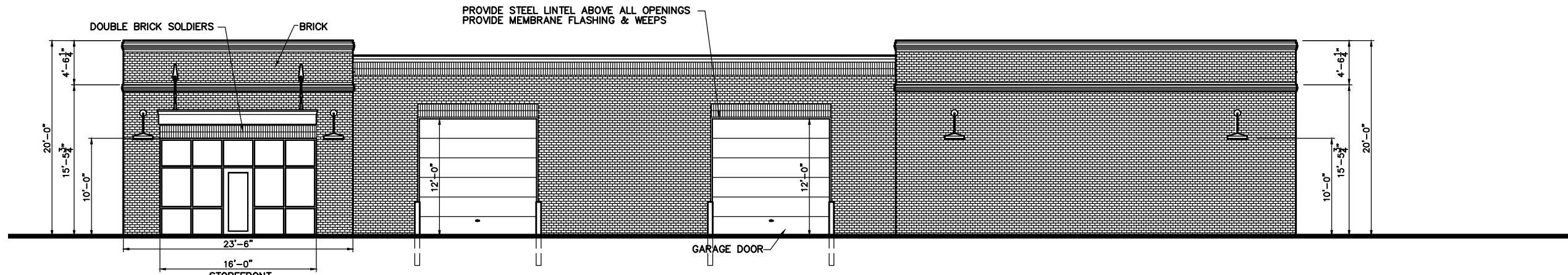
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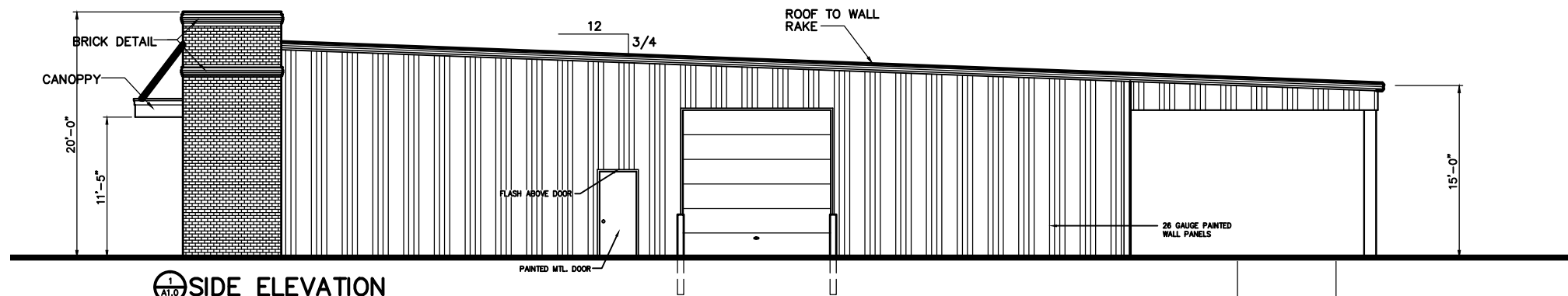
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Woodridge & Associates 6/15/2001 9:21 AM MAYOR&BOARD.dwg



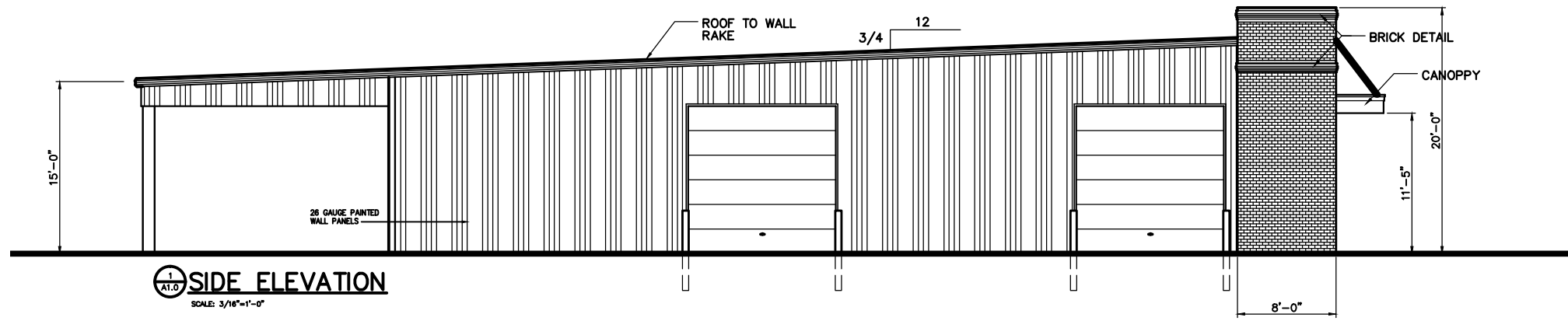
FRONT ELEVATION

SCALE: 3/16"=1'-0"



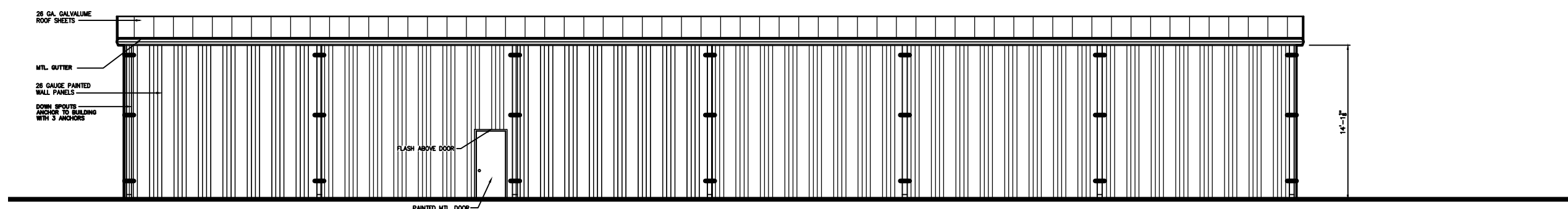
SIDE ELEVATION

SCALE: 3/16"=1'-0"



SIDE ELEVATION

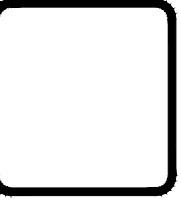
SCALE: 3/16"=1'-0"



REAR ELEVATION

SCALE: 3/16"=1'-0"

REVISIONS	BY



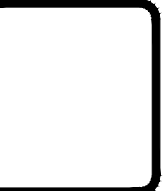
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484 CHURCH RD. SUITE 700
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